

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044265.D
 Acq On : 12 Dec 2024 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2024
 Supervised By : Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 01:54:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	118487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109538	52.727	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.460%			
35) Dibromofluoromethane	5.385	113	81048	52.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.400%			
50) Toluene-d8	8.647	98	274948	52.993	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.980%			
62) 4-Bromofluorobenzene	11.079	95	94320	52.026	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91970	50.199	ug/l	94
3) Chloromethane	1.294	50	92922	53.037	ug/l	96
4) Vinyl Chloride	1.374	62	95102	52.104	ug/l	100
5) Bromomethane	1.593	94	65859	50.861	ug/l	100
6) Chloroethane	1.660	64	70080	61.660	ug/l	95
7) Trichlorofluoromethane	1.867	101	158352	44.316	ug/l	98
8) Diethyl Ether	2.136	74	61063	50.064	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	73915	51.120	ug/l	99
10) Methyl Iodide	2.441	142	101070	53.036	ug/l	97
11) Tert butyl alcohol	2.989	59	72606	247.981	ug/l	100
12) 1,1-Dichloroethene	2.306	96	70759	53.278	ug/l	96
13) Acrolein	2.233	56	108794	256.696	ug/l	99
14) Allyl chloride	2.660	41	119646	54.087	ug/l	99
15) Acrylonitrile	3.068	53	211527	260.810	ug/l	98
16) Acetone	2.386	43	204087	240.967	ug/l	99
17) Carbon Disulfide	2.501	76	131599	52.128	ug/l	100
18) Methyl Acetate	2.703	43	113423	51.940	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	270190	52.133	ug/l	98
20) Methylene Chloride	2.782	84	83848	52.709	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	73662	52.188	ug/l	95
22) Diisopropyl ether	3.763	45	263447	52.887	ug/l	97
23) Vinyl Acetate	3.721	43	1134908	280.238	ug/l	99
24) 1,1-Dichloroethane	3.605	63	150716	54.279	ug/l	99
25) 2-Butanone	4.562	43	310339	257.744	ug/l	99
26) 2,2-Dichloropropane	4.471	77	112073	49.683	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	91835	51.230	ug/l	98
28) Bromochloromethane	4.897	49	71944	52.838	ug/l	97
29) Tetrahydrofuran	5.007	42	196890	254.759	ug/l	99
30) Chloroform	5.086	83	160779	51.537	ug/l	99
31) Cyclohexane	5.464	56	118006	52.629	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	135779	52.432	ug/l	98
36) 1,1-Dichloropropene	5.684	75	101135	50.874	ug/l	98
37) Ethyl Acetate	4.714	43	123302	50.177	ug/l	99
38) Carbon Tetrachloride	5.666	117	109451	51.140	ug/l	91
39) Methylcyclohexane	7.379	83	120730	50.801	ug/l	100
40) Benzene	6.031	78	314263	52.067	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044265.D
 Acq On : 12 Dec 2024 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2024
 Supervised By : Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 01:54:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	66829	51.216	ug/l	96
42) 1,2-Dichloroethane	6.080	62	130079	52.318	ug/l	100
43) Isopropyl Acetate	6.342	43	201259	52.401	ug/l	99
44) Trichloroethene	7.123	130	78399	52.087	ug/l	96
45) 1,2-Dichloropropane	7.427	63	80004	51.883	ug/l	96
46) Dibromomethane	7.574	93	61599	51.491	ug/l	99
47) Bromodichloromethane	7.818	83	110621	53.542	ug/l	96
48) Methyl methacrylate	7.690	41	95077	50.996	ug/l	98
49) 1,4-Dioxane	7.665	88	30352	981.906	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	634473	256.920	ug/l	99
52) Toluene	8.714	92	191629	50.558	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	109928	49.596	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	120965	53.772	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	78095	51.864	ug/l	97
56) Ethyl methacrylate	9.116	69	124167	52.235	ug/l	99
57) 1,3-Dichloropropane	9.305	76	136997	52.271	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	300004	250.223	ug/l	100
59) 2-Hexanone	9.433	43	464052	259.608	ug/l	100
60) Dibromochloromethane	9.518	129	78668	49.378	ug/l	100
61) 1,2-Dibromoethane	9.610	107	82089	53.558	ug/l	97
64) Tetrachloroethene	9.269	164	63566	49.650	ug/l	96
65) Chlorobenzene	10.079	112	208282	50.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	71548	53.861	ug/l	99
67) Ethyl Benzene	10.189	91	368774	51.637	ug/l	100
68) m/p-Xylenes	10.299	106	272767	104.087	ug/l	99
69) o-Xylene	10.640	106	135716	51.185	ug/l	99
70) Styrene	10.652	104	228077	53.658	ug/l	97
71) Bromoform	10.799	173	43985	47.683	ug/l #	99
73) Isopropylbenzene	10.963	105	348856	51.868	ug/l	99
74) N-amyl acetate	10.841	43	167692	53.949	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	118080	50.546	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	97725m	49.818	ug/l	
77) Bromobenzene	11.195	156	80331	49.253	ug/l	97
78) n-propylbenzene	11.305	91	396977	53.402	ug/l	100
79) 2-Chlorotoluene	11.360	91	242879	50.519	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	289323	51.872	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29245	43.533	ug/l	94
82) 4-Chlorotoluene	11.451	91	281036	52.789	ug/l	97
83) tert-Butylbenzene	11.713	119	284270	51.571	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	296698	54.165	ug/l	98
85) sec-Butylbenzene	11.890	105	349031	52.158	ug/l	99
86) p-Isopropyltoluene	12.006	119	293025	52.611	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	145242	50.981	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	144274	49.263	ug/l	99
89) n-Butylbenzene	12.329	91	249859	53.350	ug/l	99
90) Hexachloroethane	12.536	117	43173	53.102	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	149629	50.582	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22898	50.493	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	83769	51.653	ug/l	97
94) Hexachlorobutadiene	13.725	225	30954	47.451	ug/l	96
95) Naphthalene	13.774	128	313017	49.446	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85419	49.658	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
Data File : VX044265.D
Acq On : 12 Dec 2024 20:11
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 01:54:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

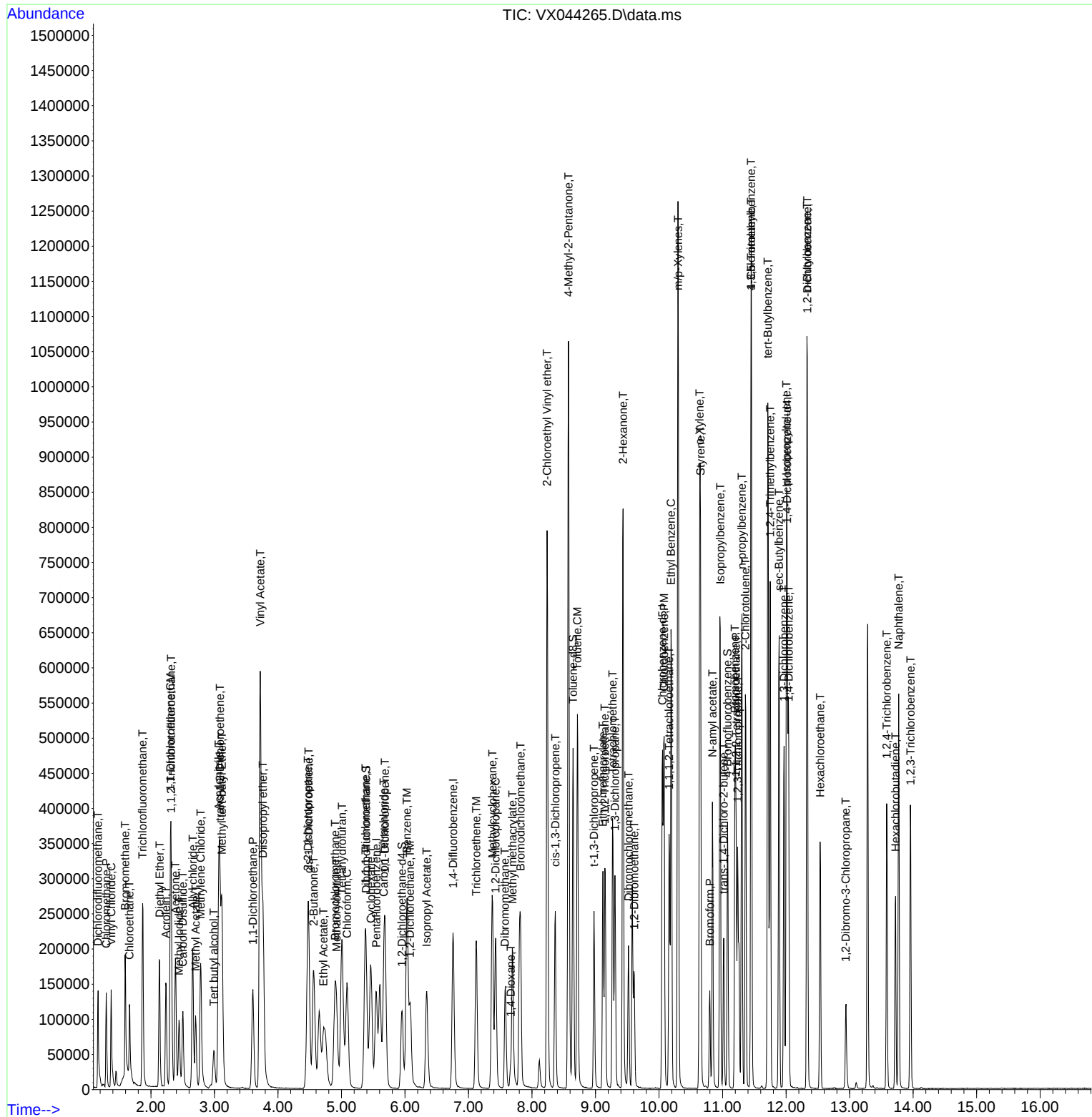
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
Data File : VX044265.D
Acq On : 12 Dec 2024 20:11
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

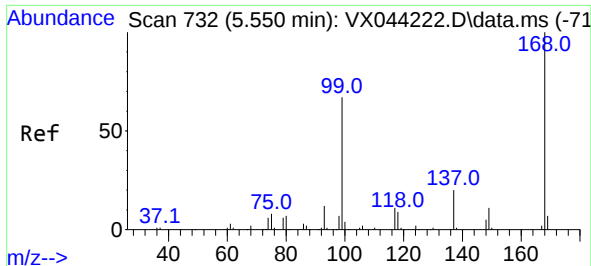
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 13 01:54:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

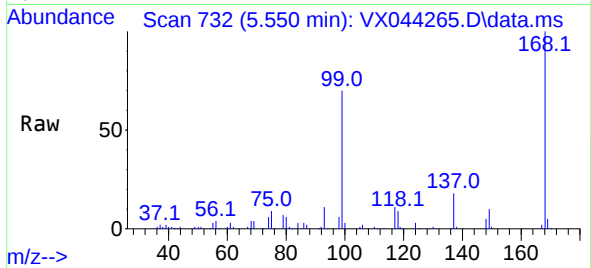
Reviewed By : John Carlone 12/13/2024
Supervised By : Mahesh Dadoda 12/13/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

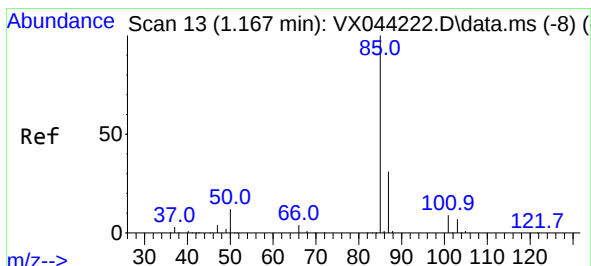
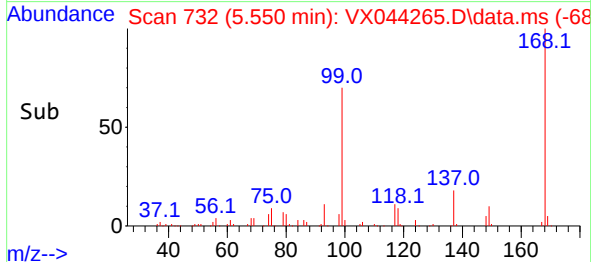
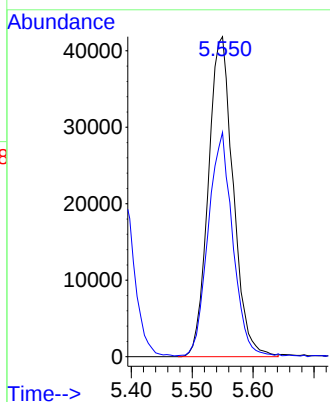
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 11848
Ion Ratio Lower Upper
168 100
99 69.7 53.4 80.0

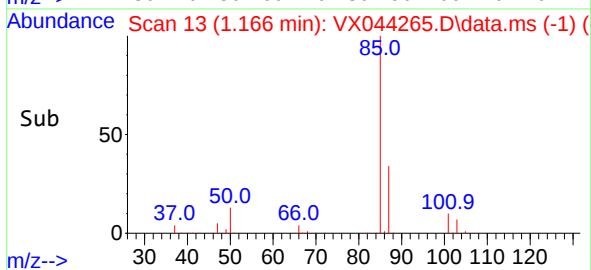
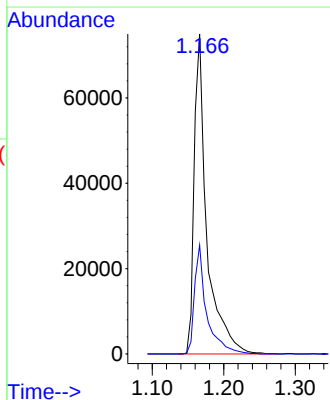
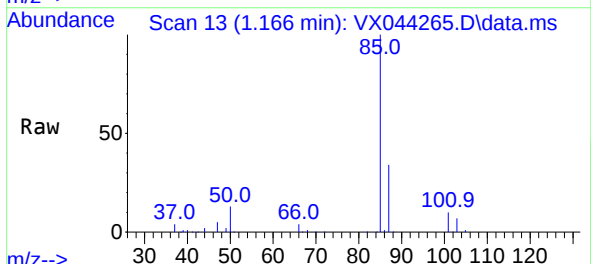
Manual Integrations
APPROVED

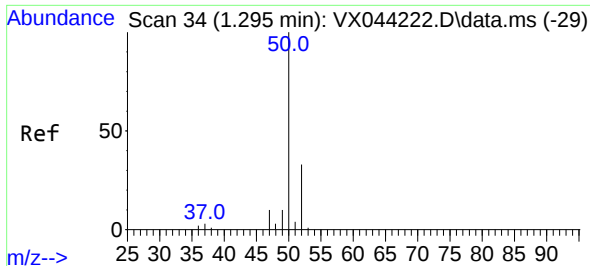
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#2
Dichlorodifluoromethane
Concen: 50.199 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

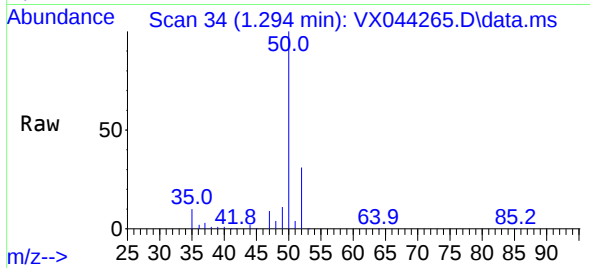
Tgt Ion: 85 Resp: 91970
Ion Ratio Lower Upper
85 100
87 34.0 15.4 46.4





#3
Chloromethane
Concen: 53.037 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

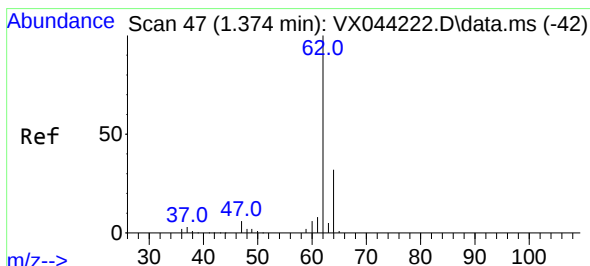
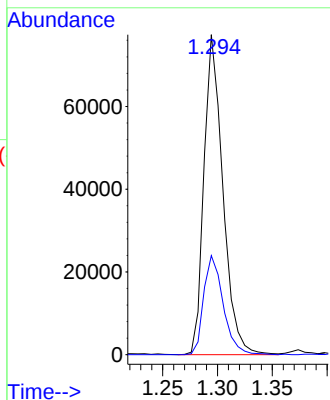
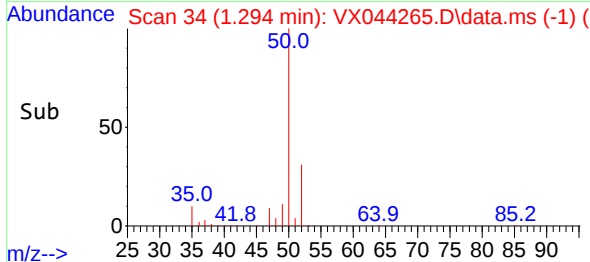
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 9292
Ion Ratio Lower Upper
50 100
52 30.9 26.5 39.7

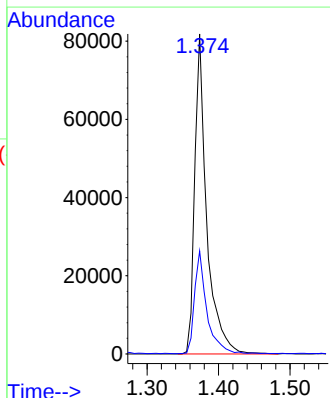
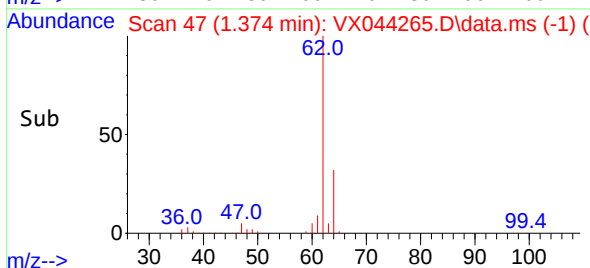
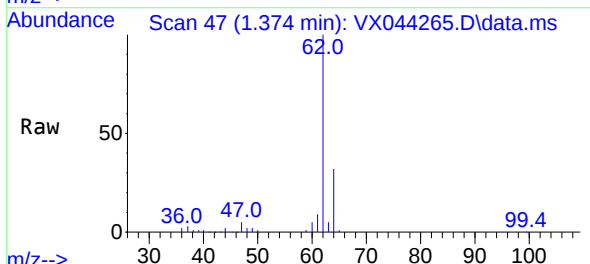
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

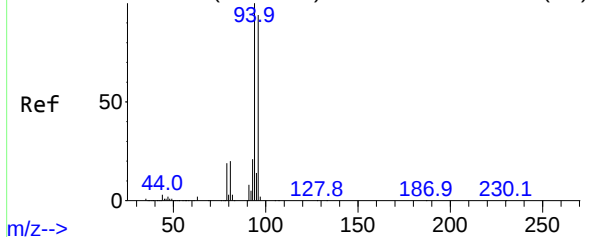


#4
Vinyl Chloride
Concen: 52.104 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Tgt Ion: 62 Resp: 95102
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5

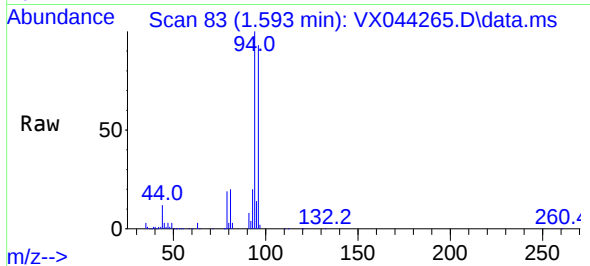


Abundance Scan 83 (1.593 min): VX044222.D\data.ms (-75)



#5
Bromomethane
Concen: 50.861 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

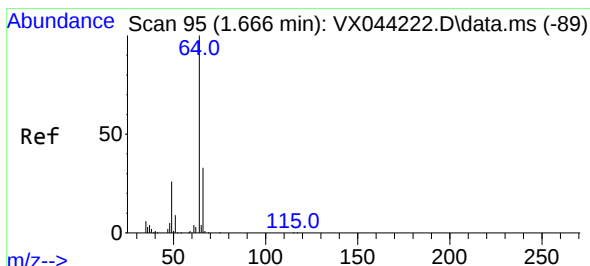
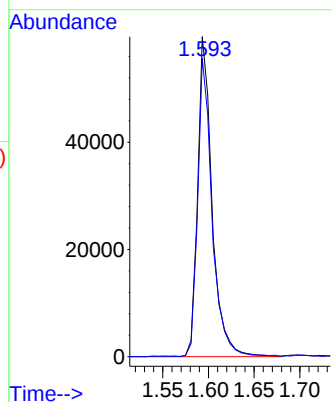
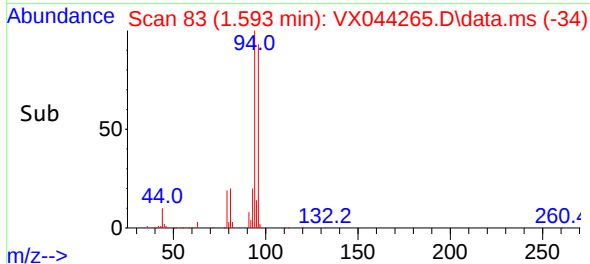
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 65859
Ion Ratio Lower Upper
94 100
96 93.2 74.9 112.3

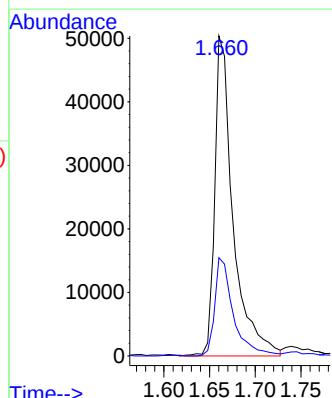
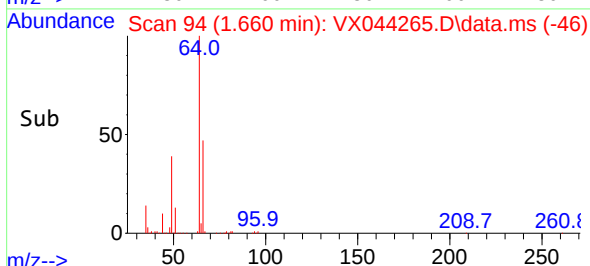
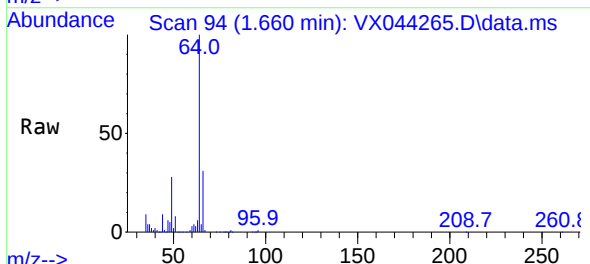
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

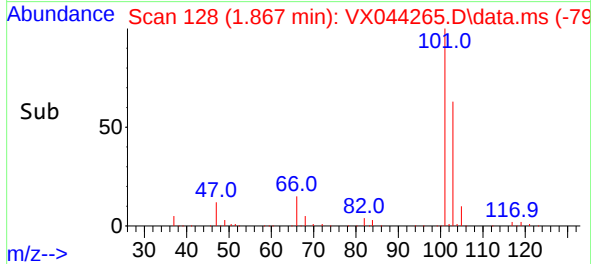
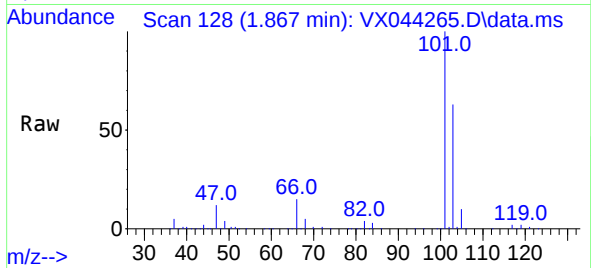
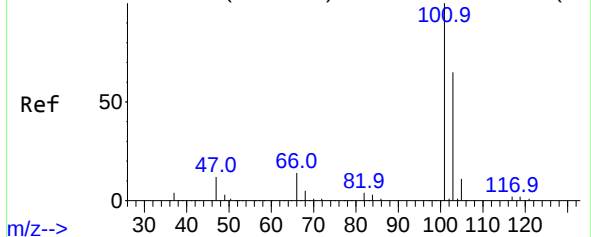


#6
Chloroethane
Concen: 61.660 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Tgt Ion: 64 Resp: 70080
Ion Ratio Lower Upper
64 100
66 30.4 26.6 39.8



Abundance Scan 128 (1.868 min): VX044222.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 44.316 ug/l

RT: 1.867 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044265.D

Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:101 Resp: 15835

Ion Ratio Lower Upper

101 100

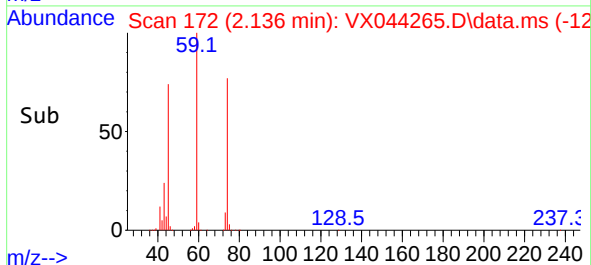
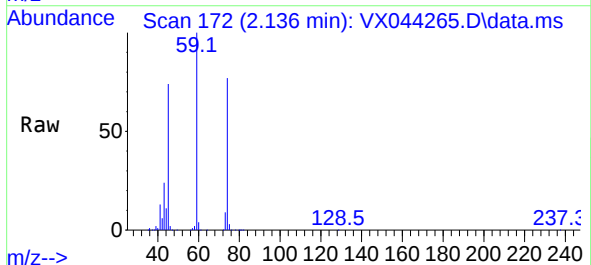
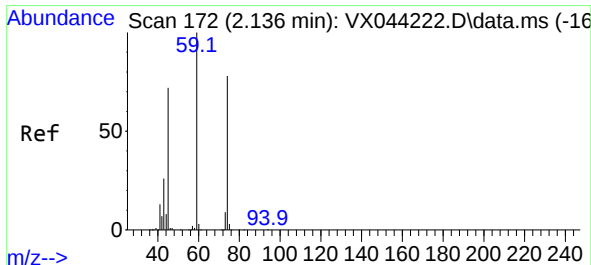
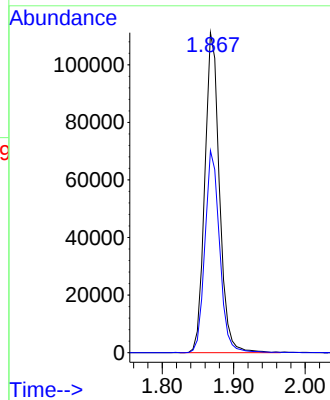
103 63.2 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#8

Diethyl Ether

Concen: 50.064 ug/l

RT: 2.136 min Scan# 172

Delta R.T. -0.000 min

Lab File: VX044265.D

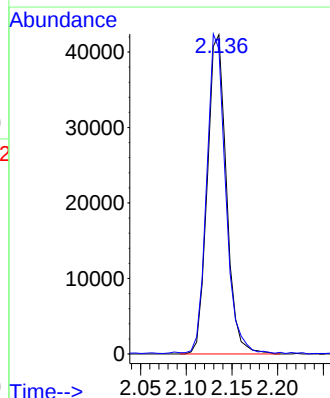
Acq: 12 Dec 2024 20:11

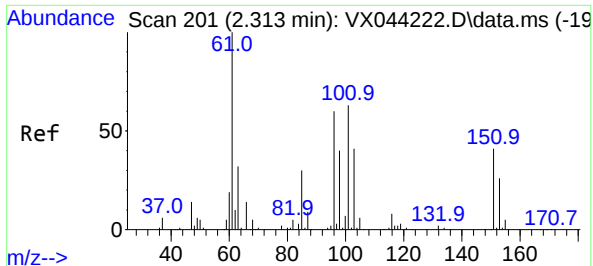
Tgt Ion: 74 Resp: 61063

Ion Ratio Lower Upper

74 100

45 99.7 48.4 145.0





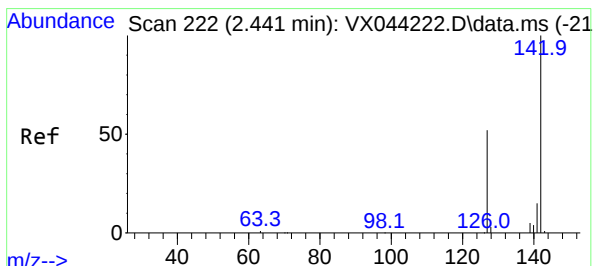
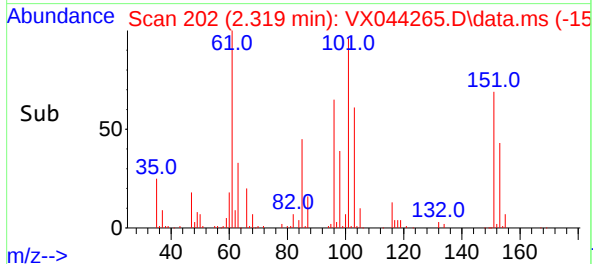
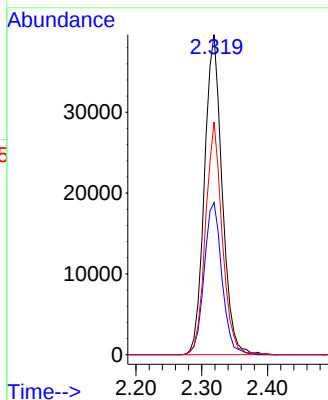
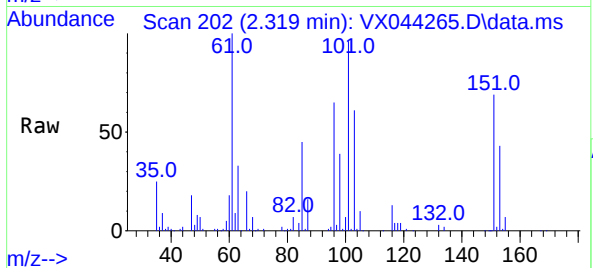
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.120 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 73915
Ion Ratio Lower Upper
101 100
85 47.7 38.5 57.7
151 68.8 55.8 83.6

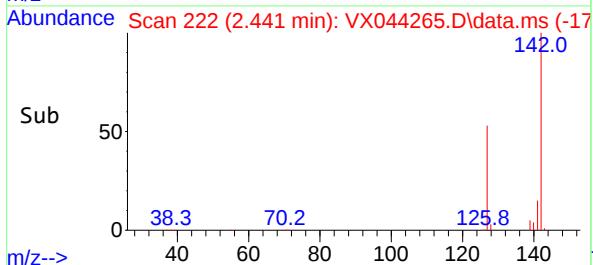
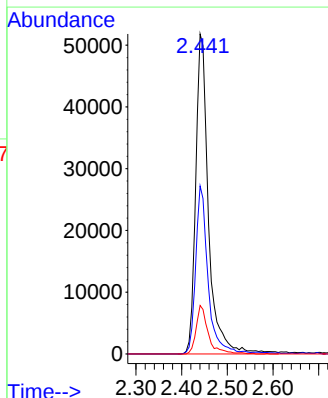
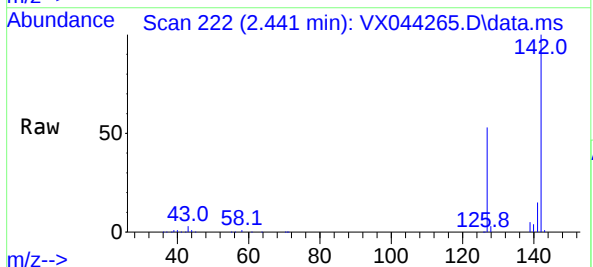
Manual Integrations
APPROVED

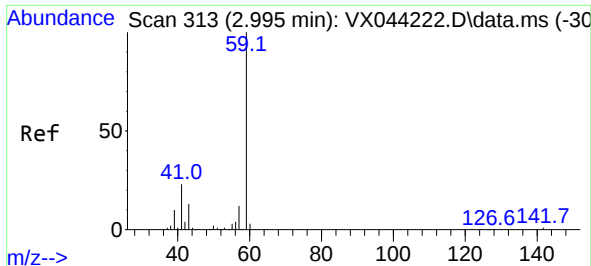
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#10
Methyl Iodide
Concen: 53.036 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

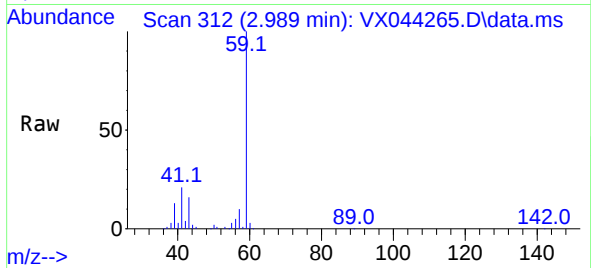
Tgt Ion:142 Resp: 101070
Ion Ratio Lower Upper
142 100
127 50.2 41.8 62.8
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 247.981 ug/l
RT: 2.989 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

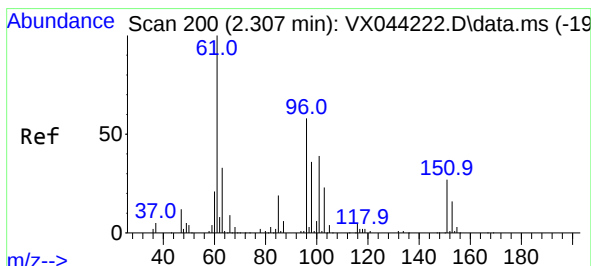
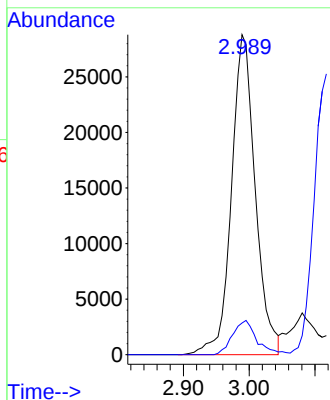
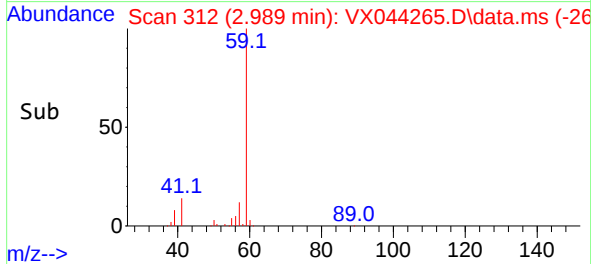
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



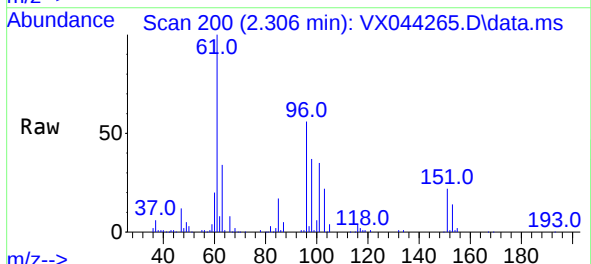
Tgt Ion: 59 Resp: 72600
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2

Manual Integrations
APPROVED

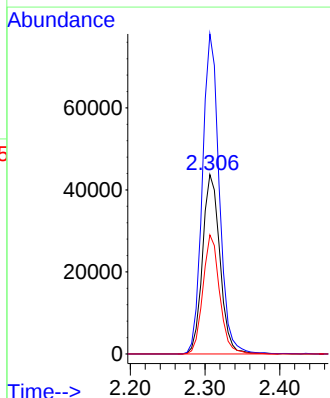
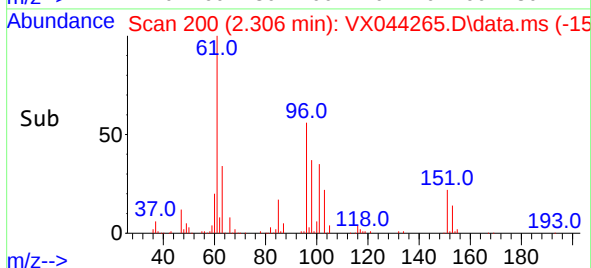
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

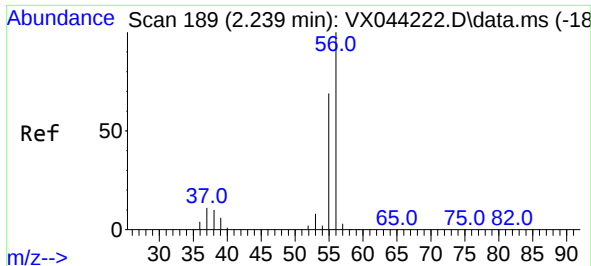


#12
1,1-Dichloroethene
Concen: 53.278 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



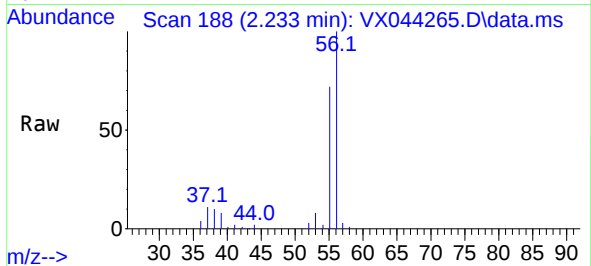
Tgt Ion: 96 Resp: 70759
Ion Ratio Lower Upper
96 100
61 178.4 138.0 207.0
98 66.4 50.0 75.0





#13
Acrolein
Concen: 256.696 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

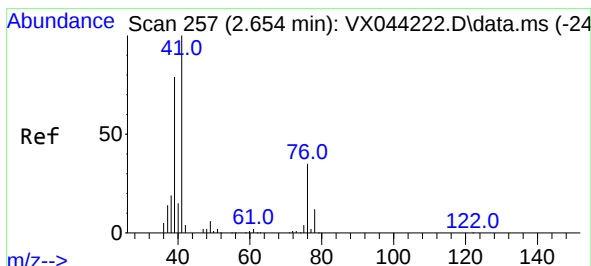
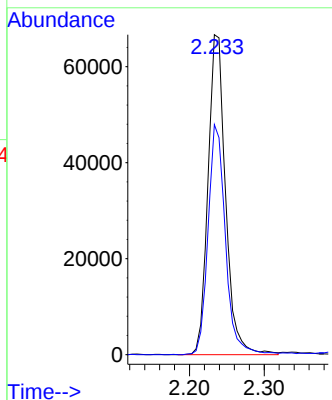
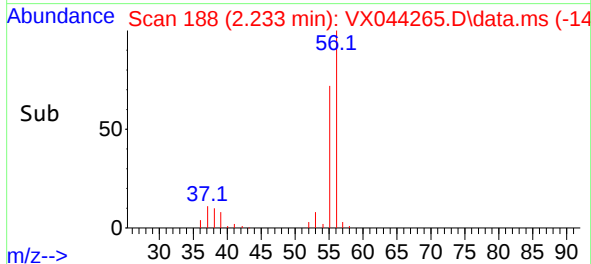
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 108794
Ion Ratio Lower Upper
56 100
55 71.1 56.6 84.8

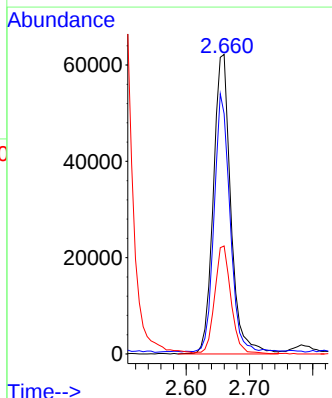
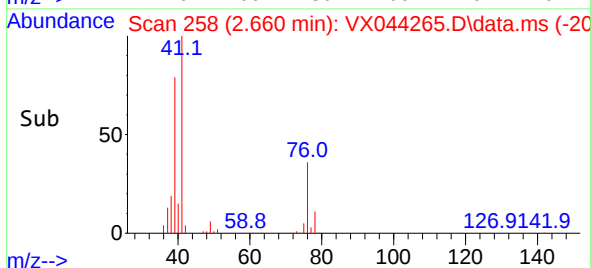
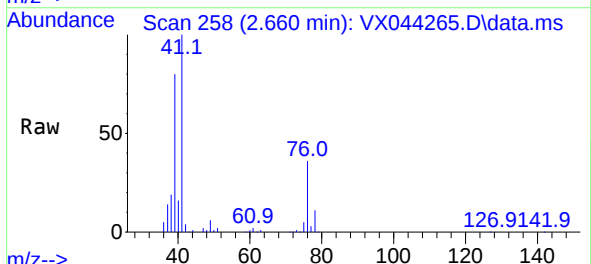
Manual Integrations
APPROVED

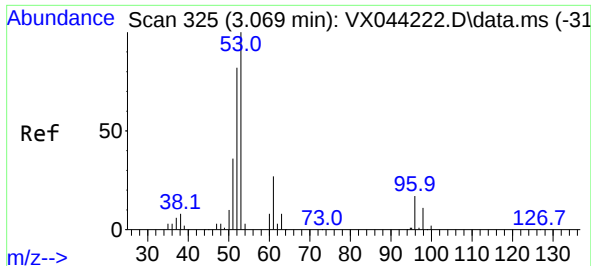
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#14
Allyl chloride
Concen: 54.087 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

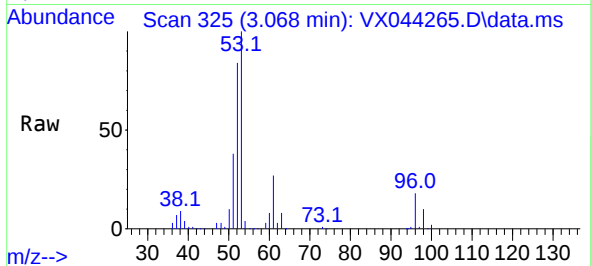
Tgt Ion: 41 Resp: 119646
Ion Ratio Lower Upper
41 100
39 77.5 61.9 92.9
76 33.3 27.4 41.2





#15
Acrylonitrile
Concen: 260.810 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

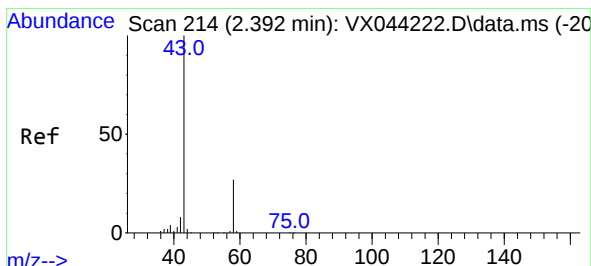
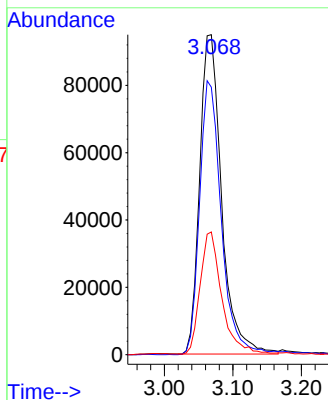
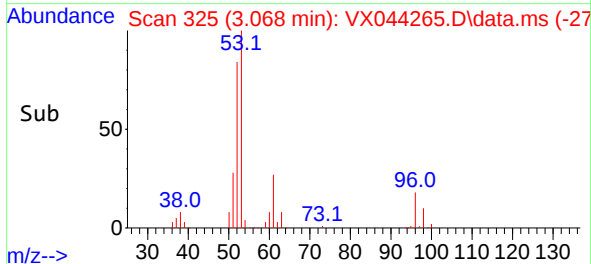
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 21152
Ion Ratio Lower Upper
53 100
52 86.2 67.4 101.0
51 37.8 30.3 45.5

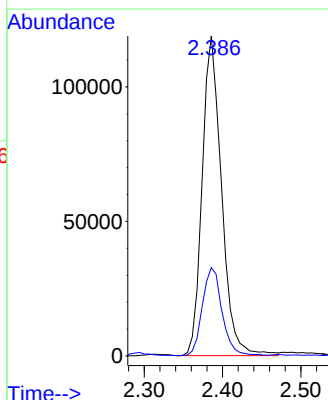
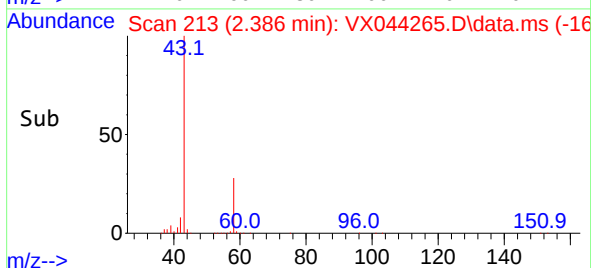
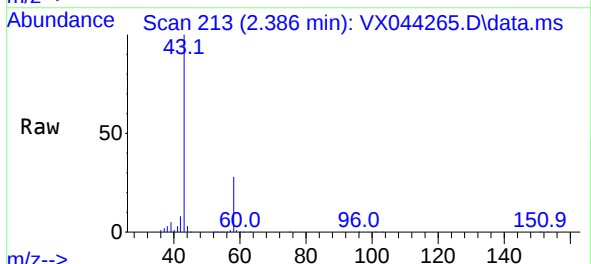
Manual Integrations
APPROVED

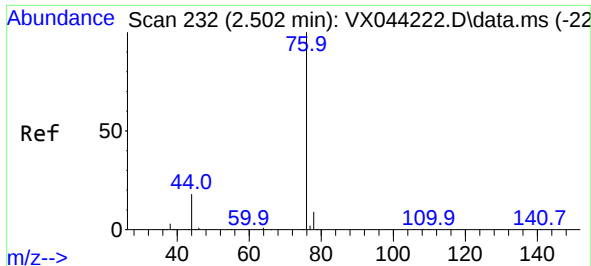
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#16
Acetone
Concen: 240.967 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Tgt Ion: 43 Resp: 204087
Ion Ratio Lower Upper
43 100
58 27.5 21.6 32.4





#17
Carbon Disulfide
Concen: 52.128 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

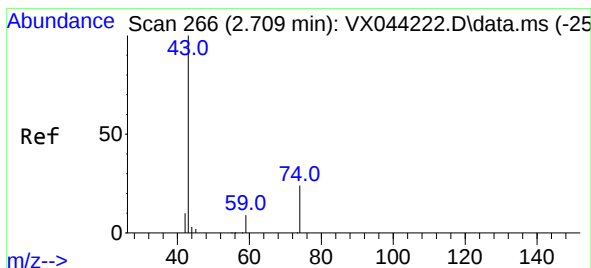
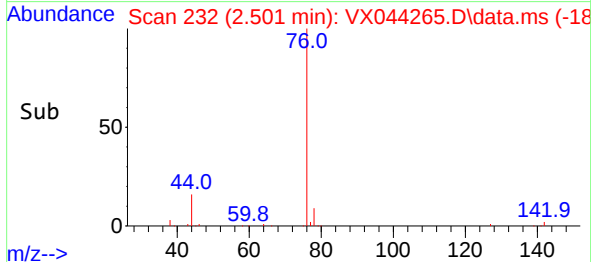
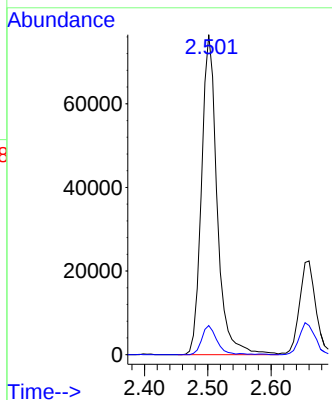
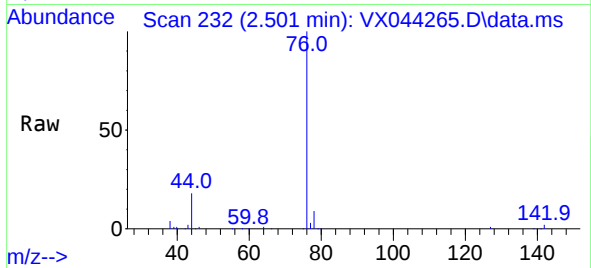
Tgt Ion: 76 Resp: 131599
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations

APPROVED

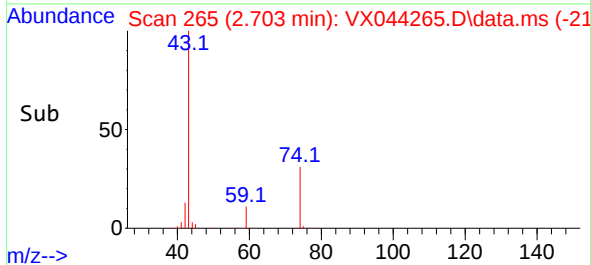
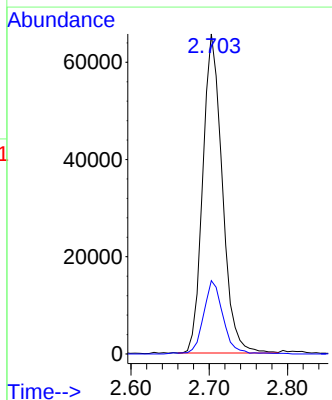
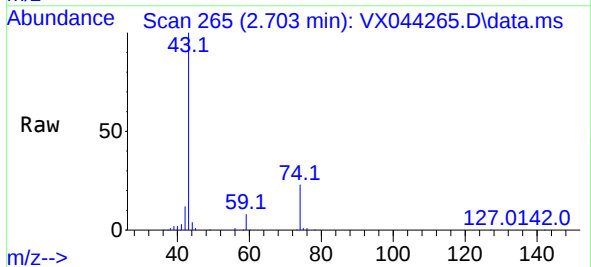
Reviewed By :John Carlone 12/13/2024

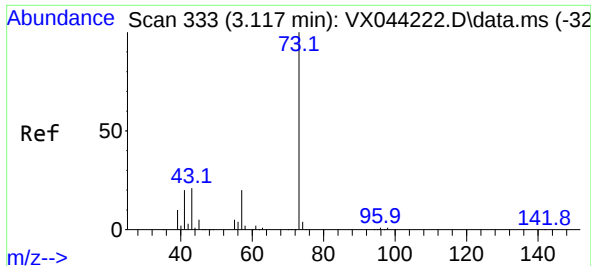
Supervised By :Mahesh Dadoda 12/13/2024



#18
Methyl Acetate
Concen: 51.940 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Tgt Ion: 43 Resp: 113423
Ion Ratio Lower Upper
43 100
74 23.3 17.7 26.5





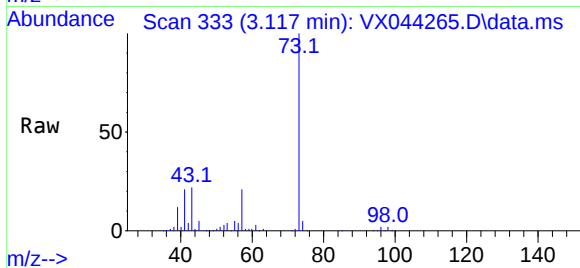
#19
Methyl tert-butyl Ether
Concen: 52.133 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



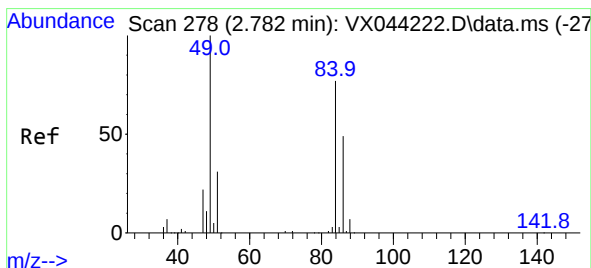
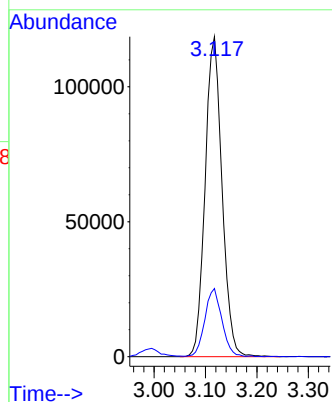
Tgt Ion: 73 Resp: 270190
Ion Ratio Lower Upper
73 100
57 21.3 16.2 24.4

Manual Integrations

APPROVED

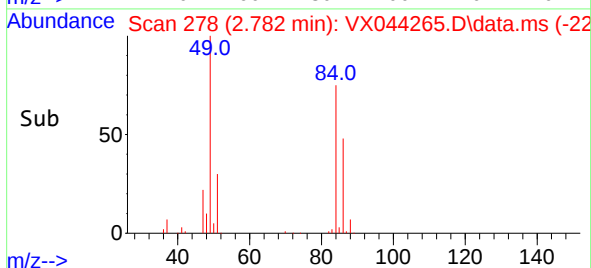
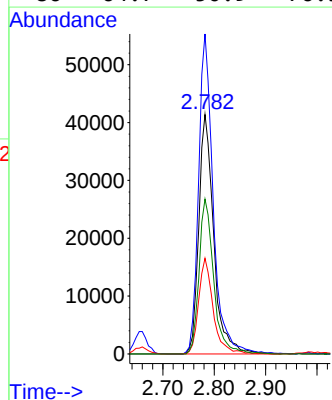
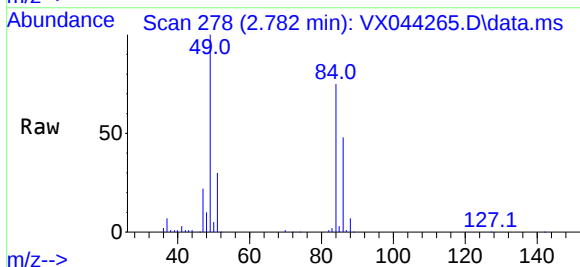
Reviewed By :John Carlone 12/13/2024

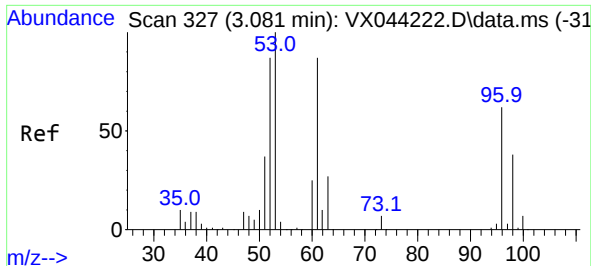
Supervised By :Mahesh Dadoda 12/13/2024



#20
Methylene Chloride
Concen: 52.709 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

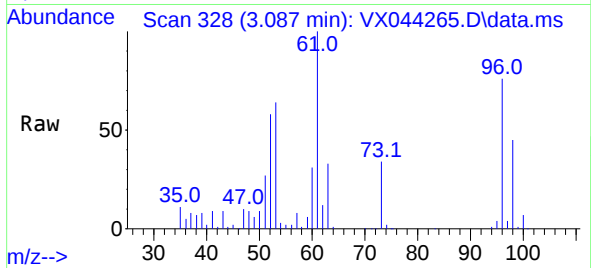
Tgt Ion: 84 Resp: 83848
Ion Ratio Lower Upper
84 100
49 133.6 104.2 156.4
51 40.0 32.2 48.4
86 64.7 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 52.188 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

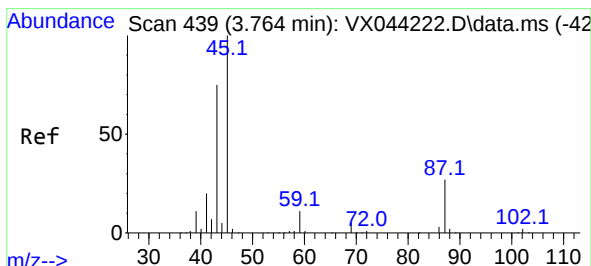
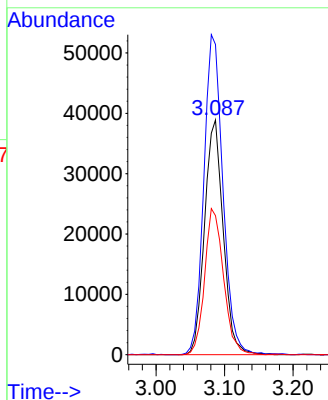
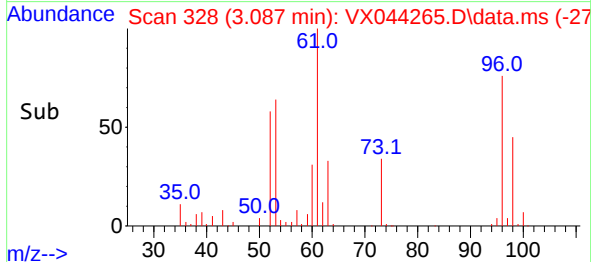
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



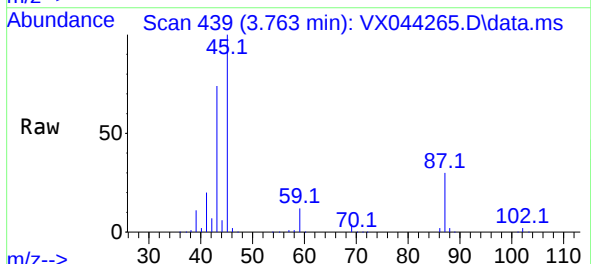
Tgt Ion: 96 Resp: 73662
Ion Ratio Lower Upper
96 100
61 132.1 112.0 168.0
98 59.2 48.8 73.2

Manual Integrations
APPROVED

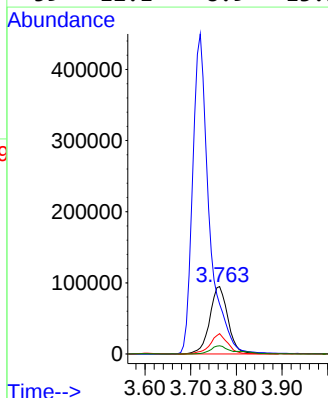
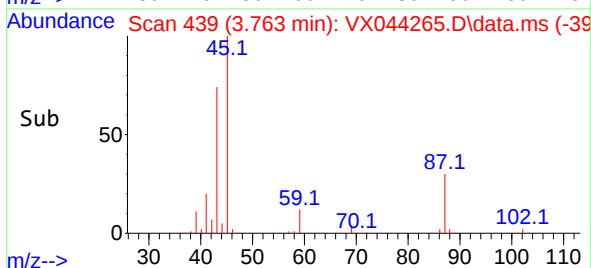
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

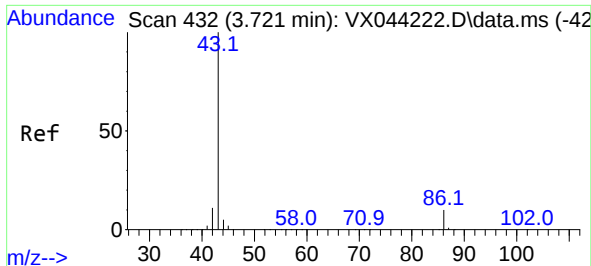


#22
Diisopropyl ether
Concen: 52.887 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



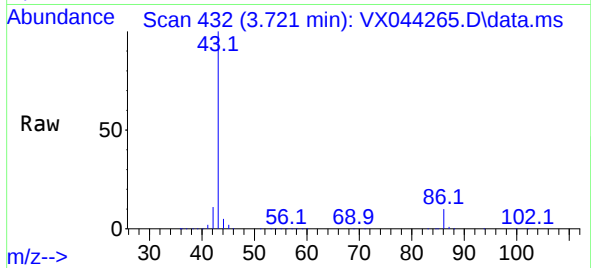
Tgt Ion: 45 Resp: 263447
Ion Ratio Lower Upper
45 100
43 73.5 60.2 90.2
87 30.1 21.2 31.8
59 12.1 8.9 13.3





#23
 Vinyl Acetate
 Concen: 280.238 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044265.D
 Acq: 12 Dec 2024 20:11

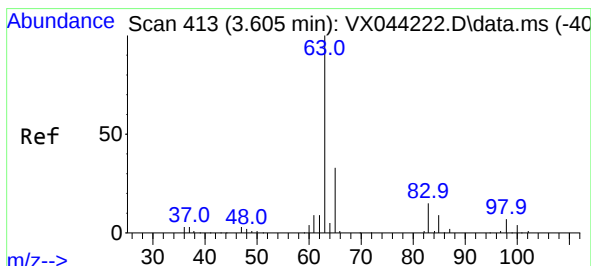
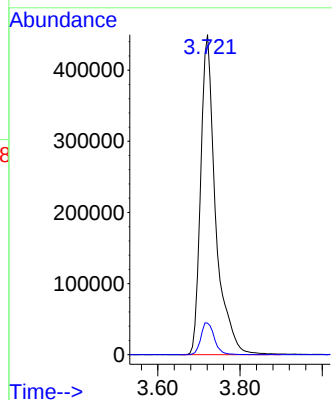
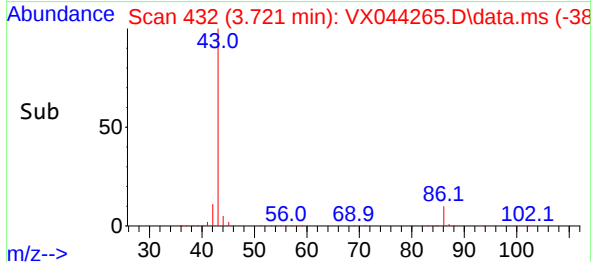
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



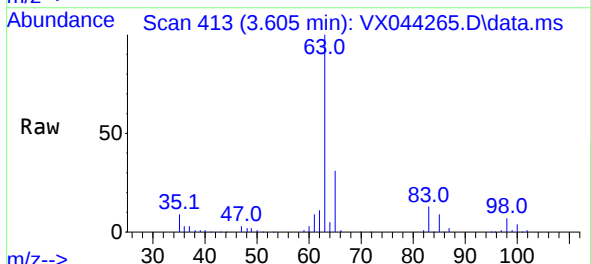
Tgt Ion: 43 Resp: 1134908
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2

Manual Integrations
 APPROVED

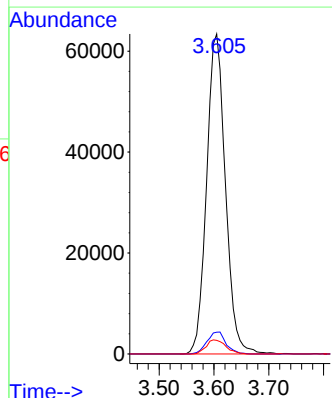
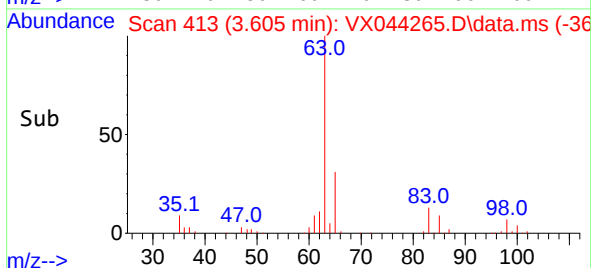
Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024

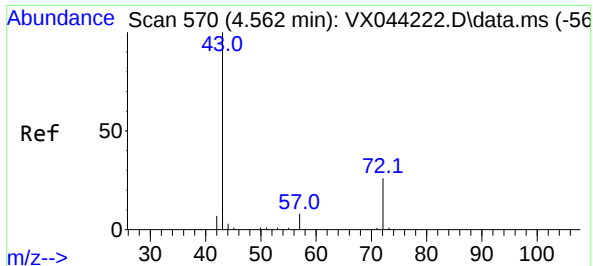


#24
 1,1-Dichloroethane
 Concen: 54.279 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044265.D
 Acq: 12 Dec 2024 20:11



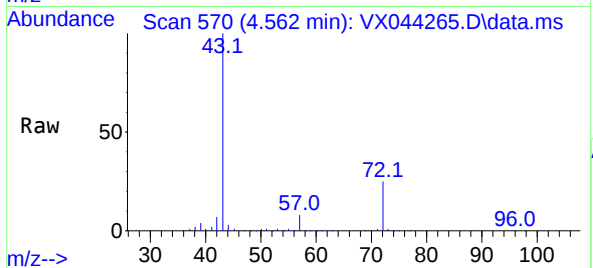
Tgt Ion: 63 Resp: 150716
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.3 2.1 6.3





#25
2-Butanone
Concen: 257.744 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

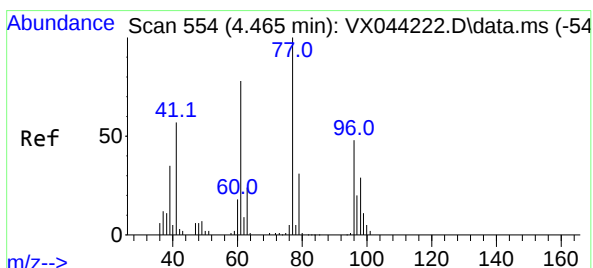
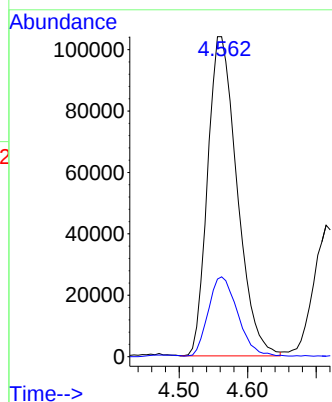
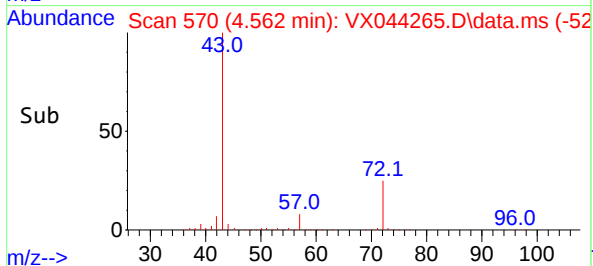
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



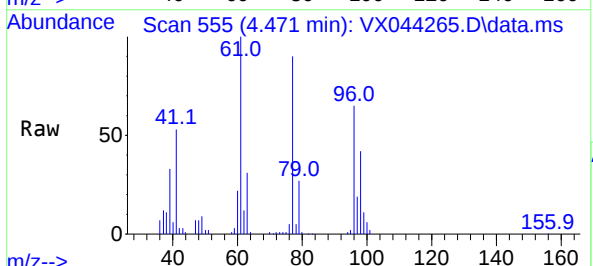
Tgt Ion: 43 Resp: 310339
Ion Ratio Lower Upper
43 100
72 24.7 20.2 30.4

Manual Integrations
APPROVED

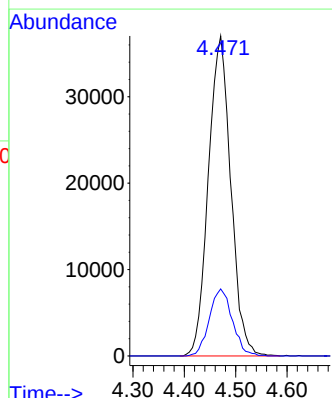
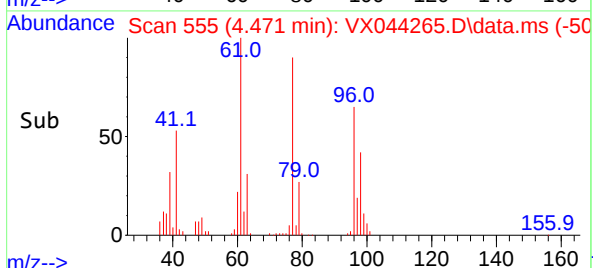
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

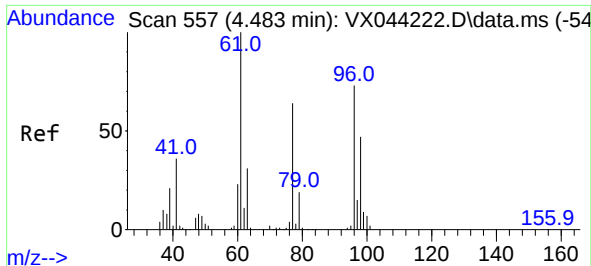


#26
2,2-Dichloropropane
Concen: 49.683 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



Tgt Ion: 77 Resp: 112073
Ion Ratio Lower Upper
77 100
97 21.5 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 51.230 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

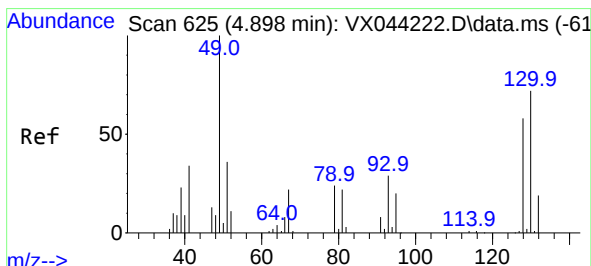
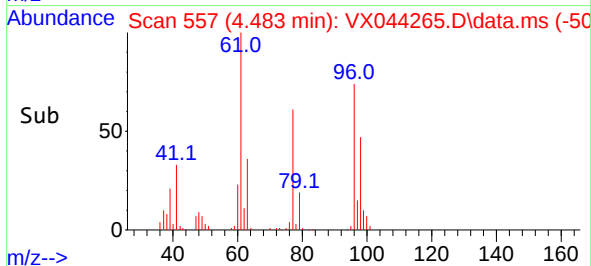
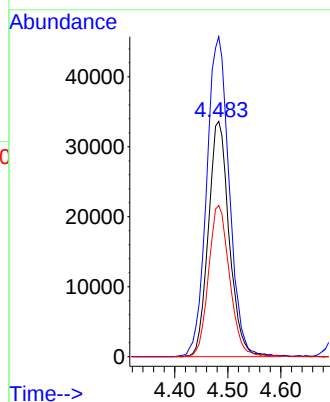
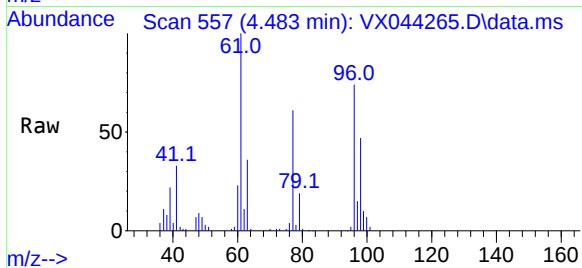
Tgt Ion: 96 Resp: 9183
Ion Ratio Lower Upper
96 100
61 146.9 0.0 299.0
98 64.9 0.0 129.0

Manual Integrations

APPROVED

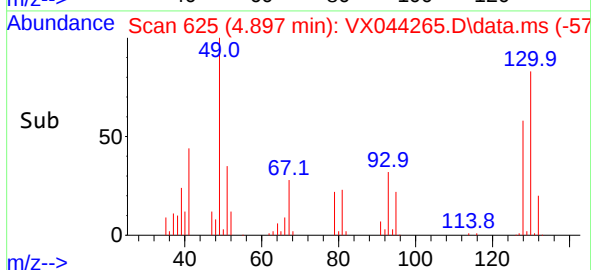
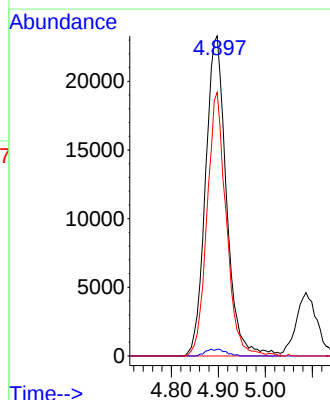
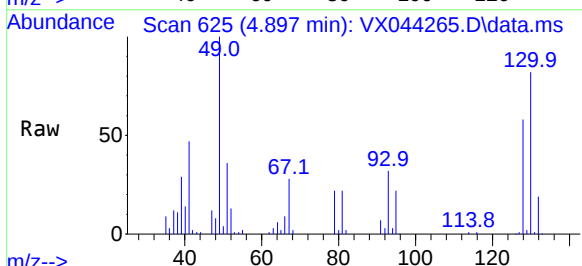
Reviewed By :John Carlone 12/13/2024

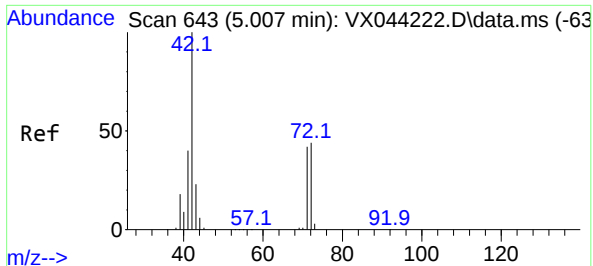
Supervised By :Mahesh Dadoda 12/13/2024



#28
Bromochloromethane
Concen: 52.838 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

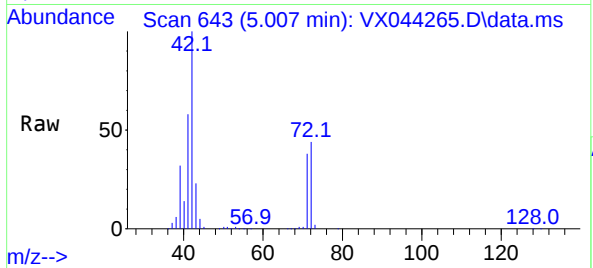
Tgt Ion: 49 Resp: 71944
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 75.4 62.1 93.1





#29
Tetrahydrofuran
Concen: 254.759 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

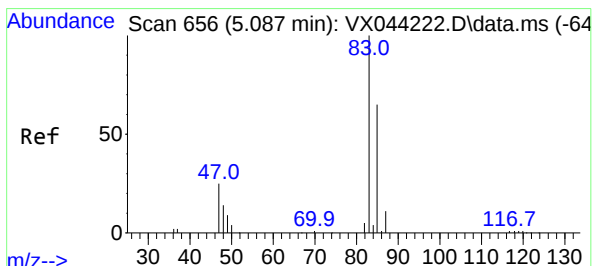
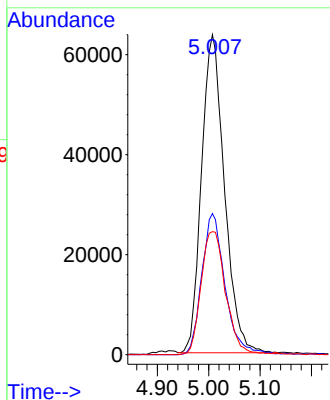
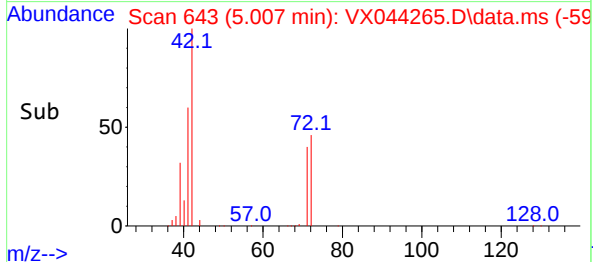
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



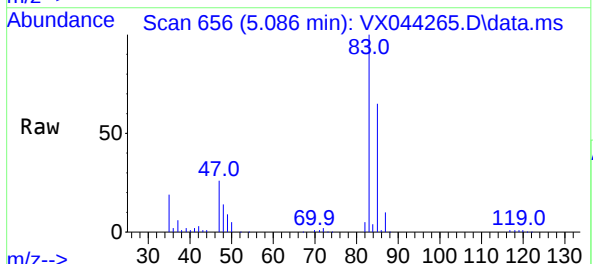
Tgt Ion: 42 Resp: 196890
Ion Ratio Lower Upper
42 100
72 45.1 37.0 55.6
71 41.7 33.6 50.4

Manual Integrations
APPROVED

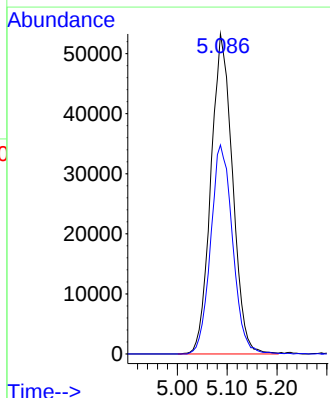
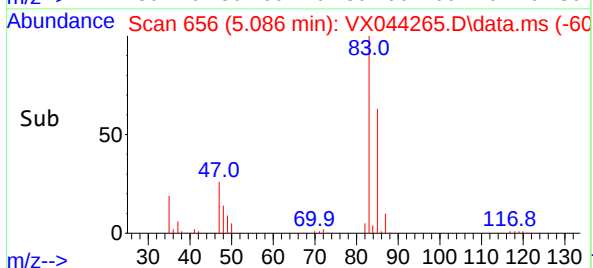
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

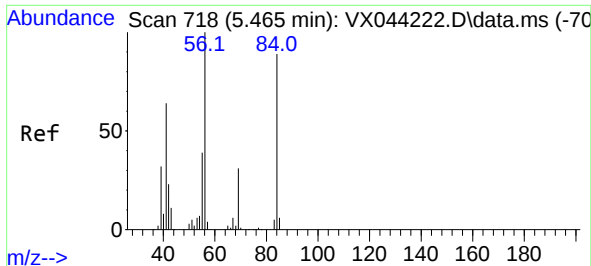


#30
Chloroform
Concen: 51.537 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



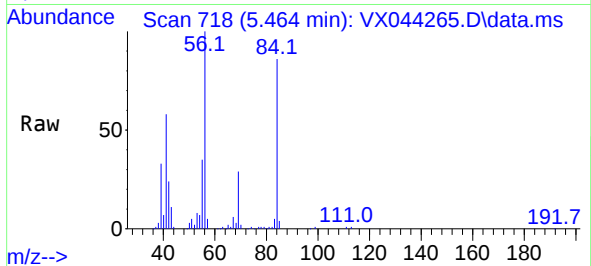
Tgt Ion: 83 Resp: 160779
Ion Ratio Lower Upper
83 100
85 65.3 51.6 77.4





#31
Cyclohexane
Concen: 52.629 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

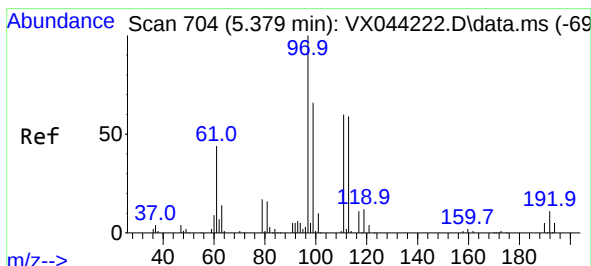
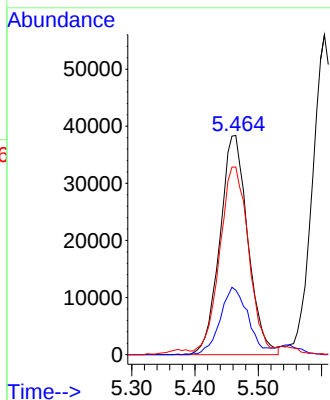
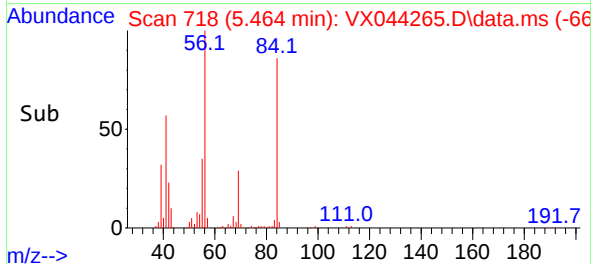
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



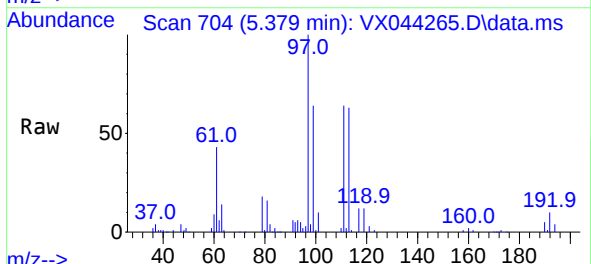
Tgt Ion: 56 Resp: 118000
Ion Ratio Lower Upper
56 100
69 29.1 24.7 37.1
84 83.2 71.0 106.6

Manual Integrations
APPROVED

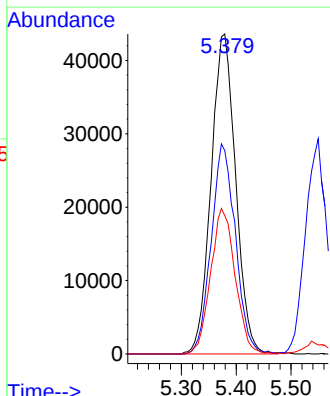
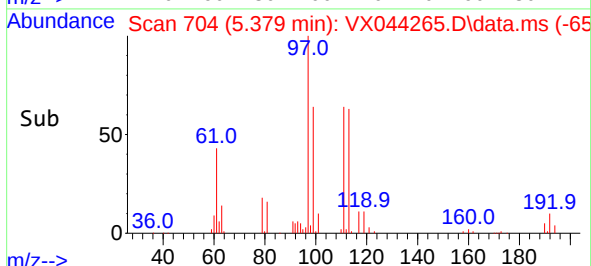
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

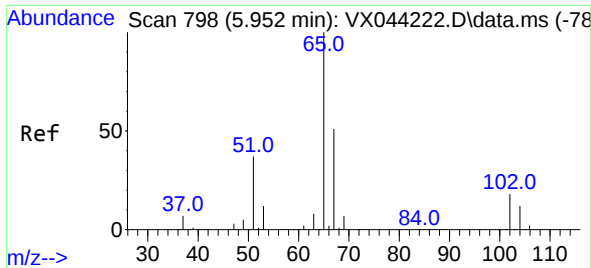


#32
1,1,1-Trichloroethane
Concen: 52.432 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



Tgt Ion: 97 Resp: 135779
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 45.4 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 52.727 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

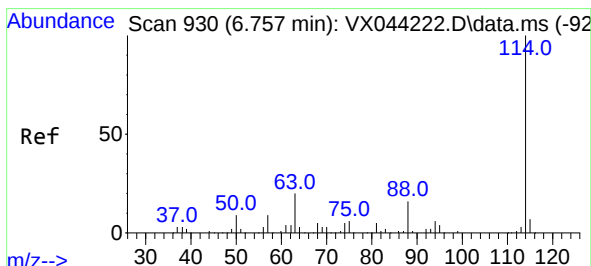
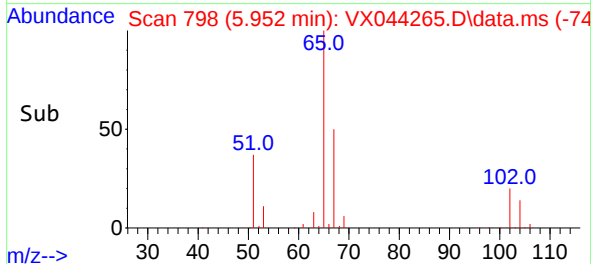
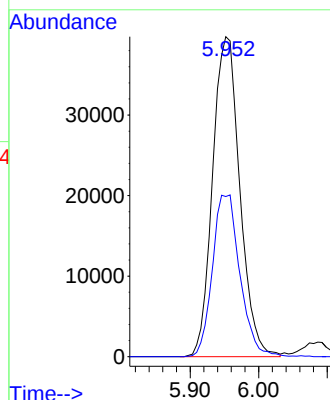
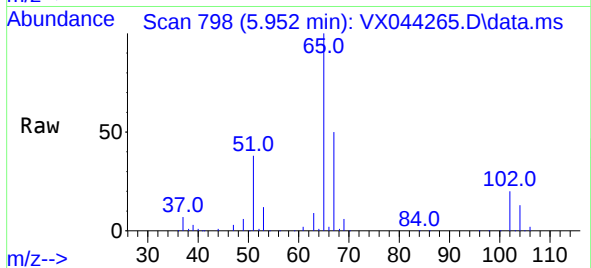
VSTDCCC050EC

Tgt Ion: 65 Resp: 109538
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6

Manual Integrations

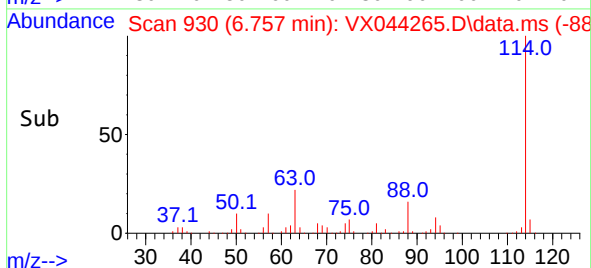
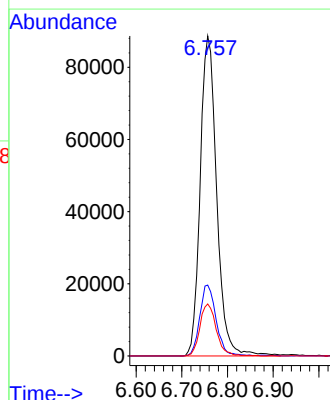
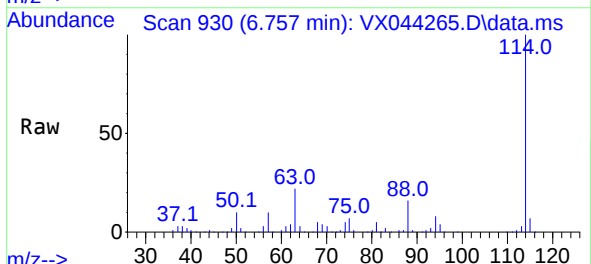
APPROVED

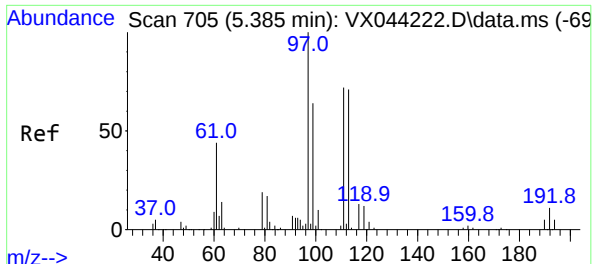
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

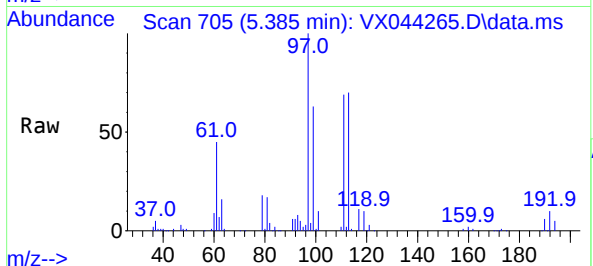
Tgt Ion:114 Resp: 222049
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.6
88 16.3 0.0 31.8





#35
Dibromofluoromethane
Concen: 52.701 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

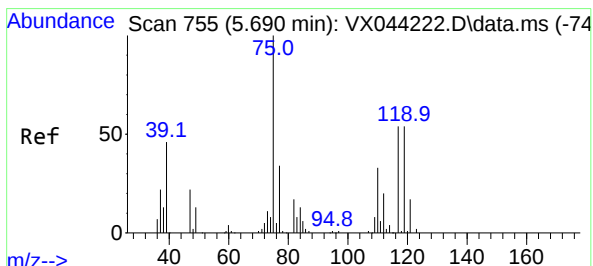
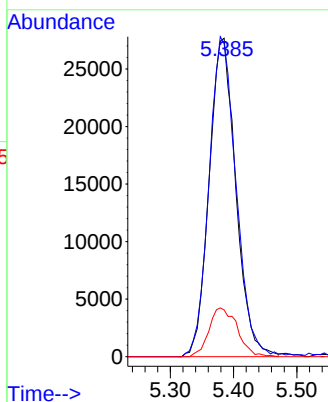
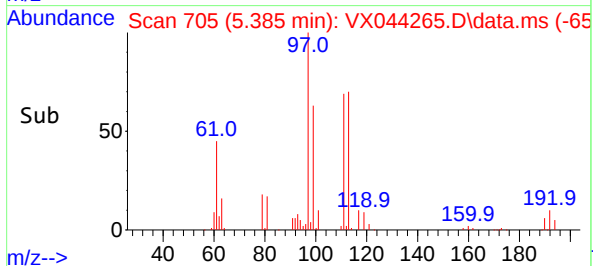
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



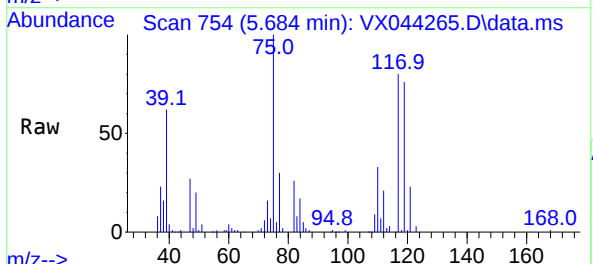
Tgt Ion:113 Resp: 81048
Ion Ratio Lower Upper
113 100
111 102.2 80.4 120.6
192 16.3 13.3 19.9

Manual Integrations
APPROVED

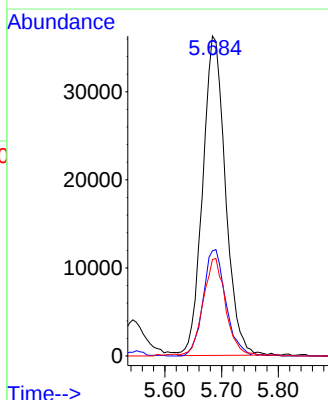
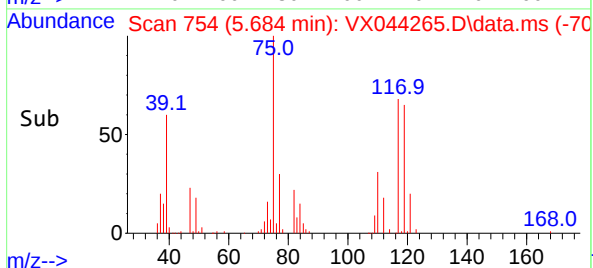
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

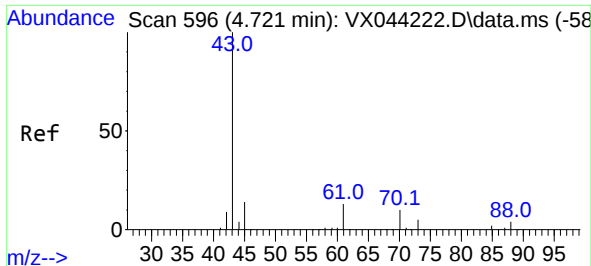


#36
1,1-Dichloropropene
Concen: 50.874 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



Tgt Ion: 75 Resp: 101135
Ion Ratio Lower Upper
75 100
110 33.2 17.3 51.7
77 30.8 25.4 38.0





#37
Ethyl Acetate
Concen: 50.177 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

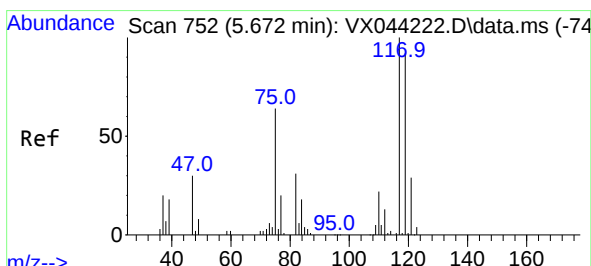
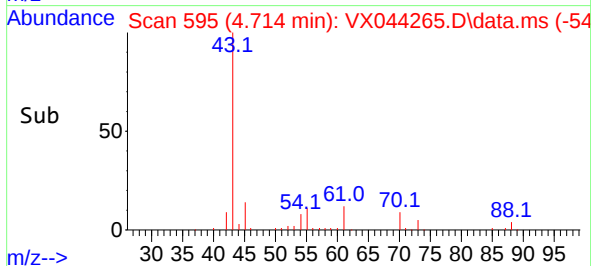
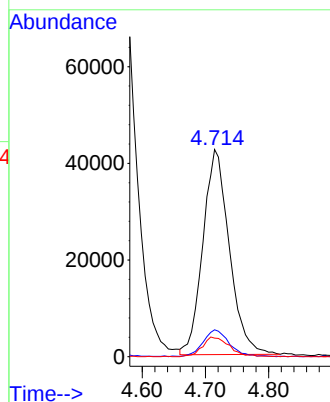
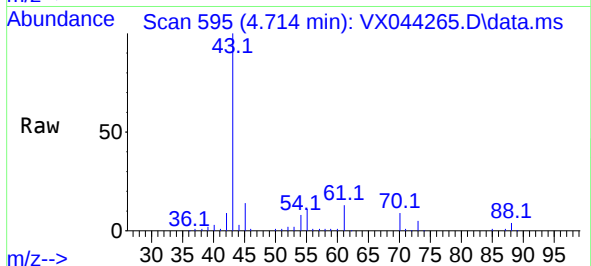
Tgt Ion: 43 Resp: 12330
Ion Ratio Lower Upper
43 100
61 13.1 9.8 14.8
70 9.7 7.7 11.5

Manual Integrations

APPROVED

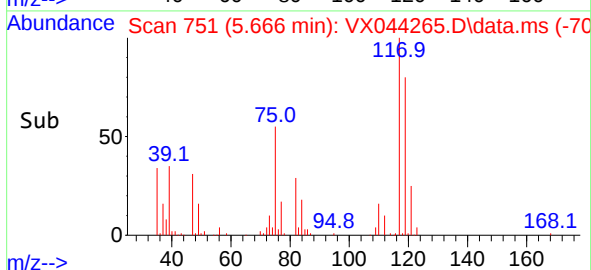
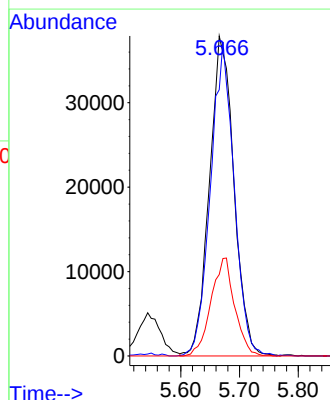
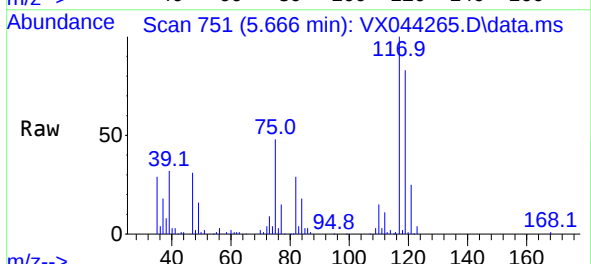
Reviewed By :John Carlone 12/13/2024

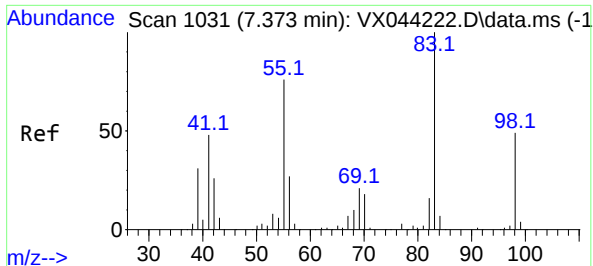
Supervised By :Mahesh Dadoda 12/13/2024



#38
Carbon Tetrachloride
Concen: 51.140 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Tgt Ion:117 Resp: 109451
Ion Ratio Lower Upper
117 100
119 83.1 74.2 111.4
121 25.5 23.0 34.6





#39

Methylcyclohexane

Concen: 50.801 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX044265.D

Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 120730

Ion Ratio Lower Upper

83 100

55 76.4 60.7 91.1

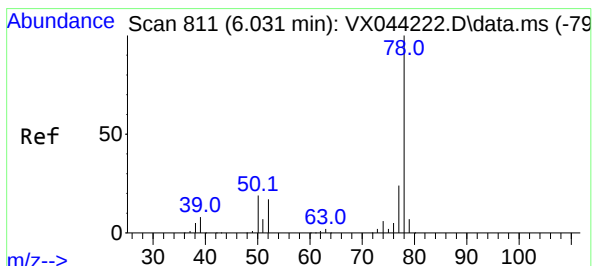
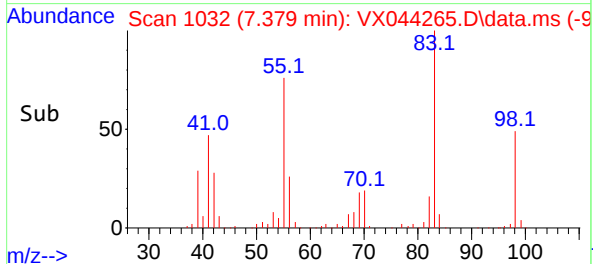
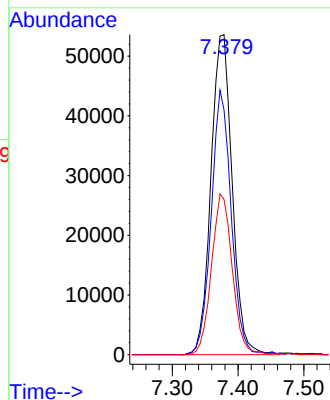
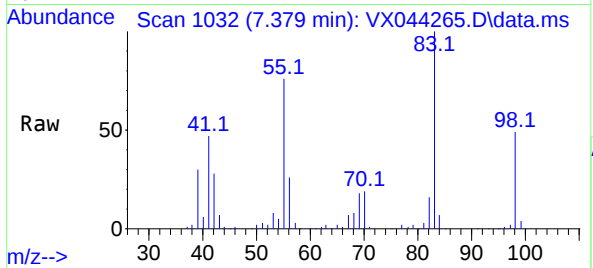
98 48.5 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#40

Benzene

Concen: 52.067 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX044265.D

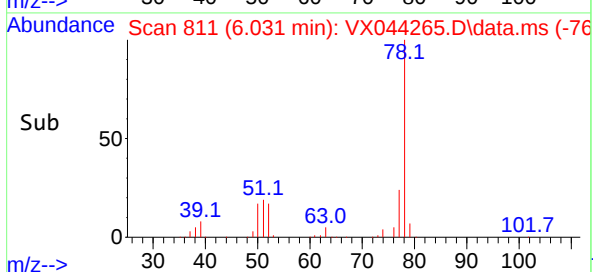
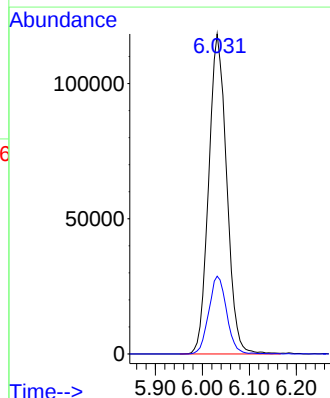
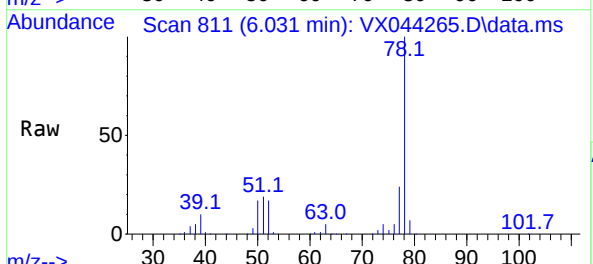
Acq: 12 Dec 2024 20:11

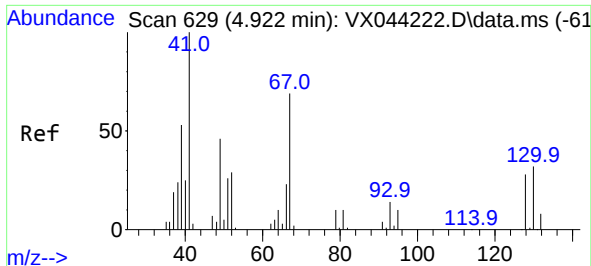
Tgt Ion: 78 Resp: 314263

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9





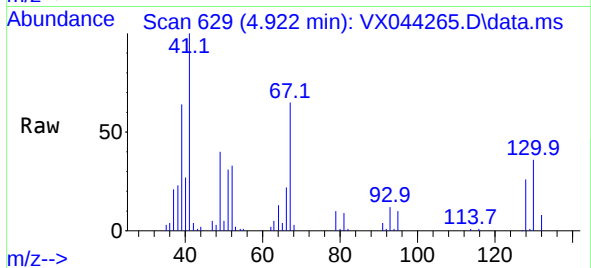
#41
Methacrylonitrile
Concen: 51.216 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



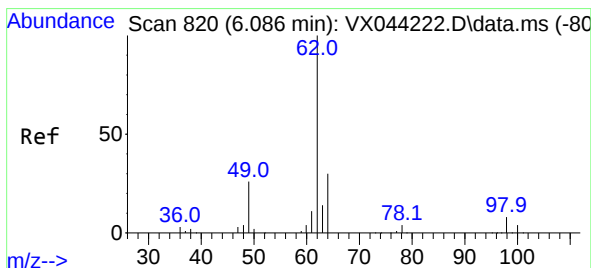
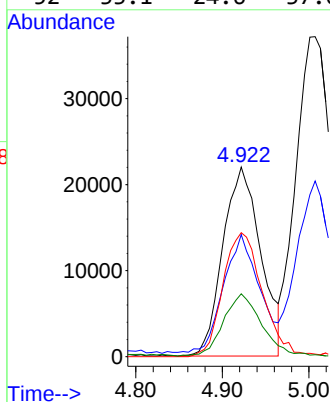
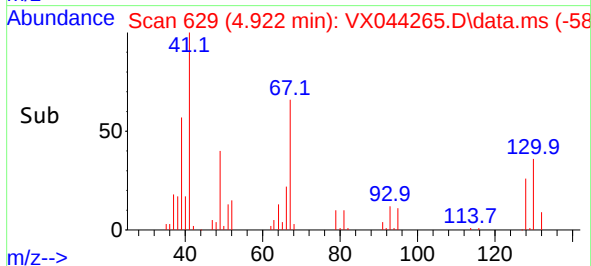
Tgt Ion: 41 Resp: 66829
Ion Ratio Lower Upper
41 100
39 59.1 44.2 66.4
67 68.6 57.2 85.8
52 33.1 24.6 37.0

Manual Integrations

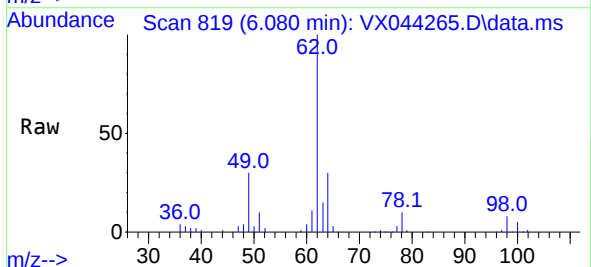
APPROVED

Reviewed By :John Carlone 12/13/2024

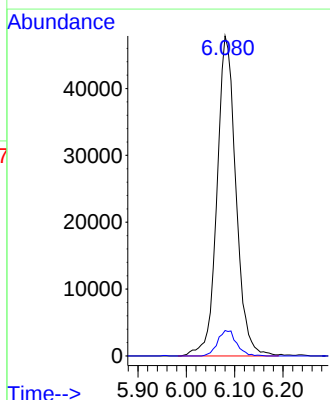
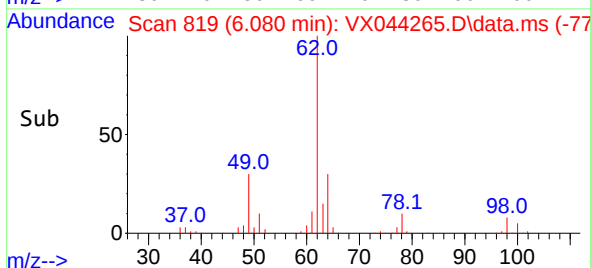
Supervised By :Mahesh Dadoda 12/13/2024

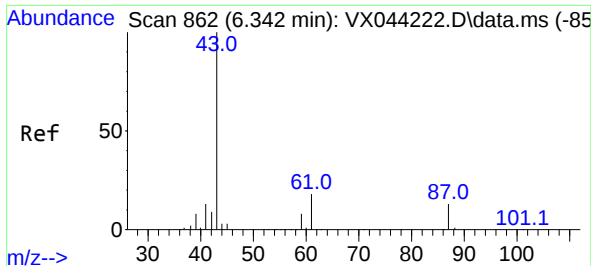


#42
1,2-Dichloroethane
Concen: 52.318 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



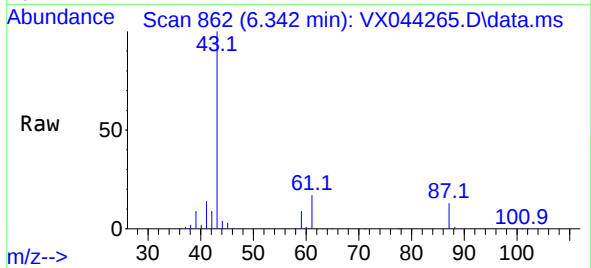
Tgt Ion: 62 Resp: 130079
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 52.401 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

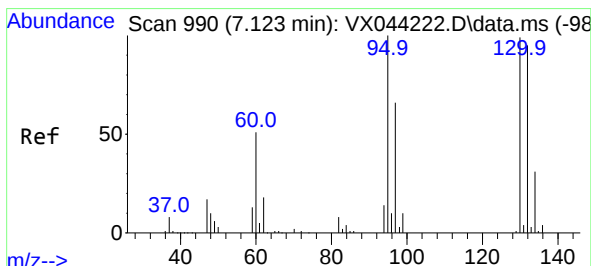
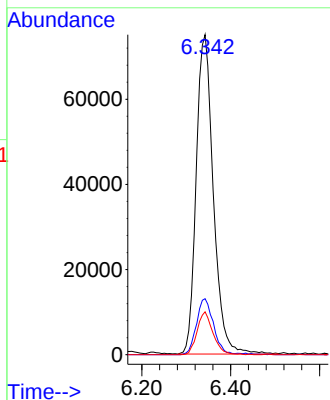
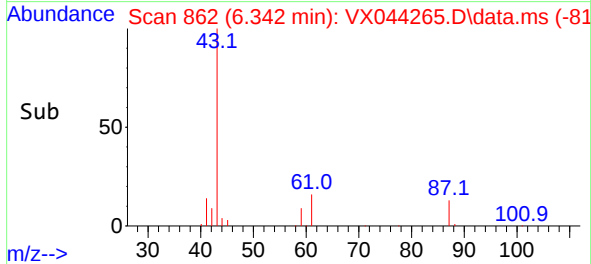
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



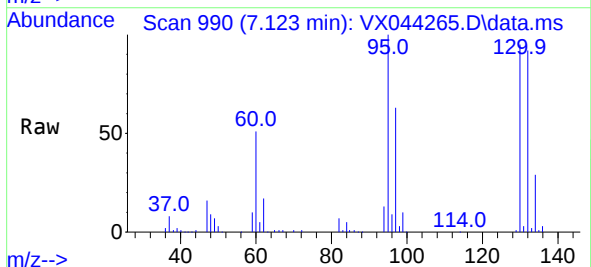
Tgt Ion: 43 Resp: 201259
Ion Ratio Lower Upper
43 100
61 17.3 14.2 21.2
87 12.5 10.2 15.2

Manual Integrations
APPROVED

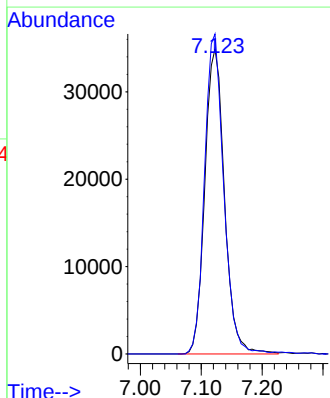
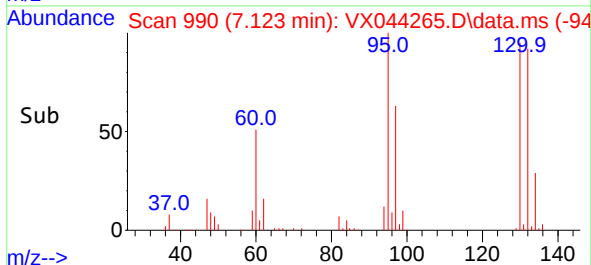
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

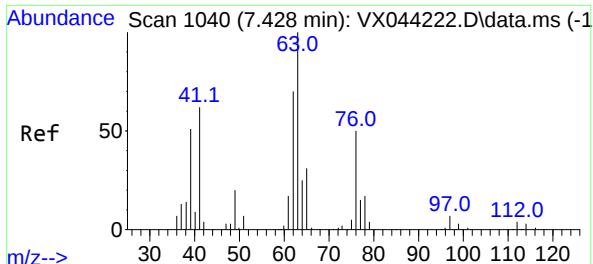


#44
Trichloroethene
Concen: 52.087 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



Tgt Ion:130 Resp: 78399
Ion Ratio Lower Upper
130 100
95 104.9 0.0 201.4





#45

1,2-Dichloropropane

Concen: 51.883 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX044265.D

Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8000

Ion Ratio Lower Upper

63 100

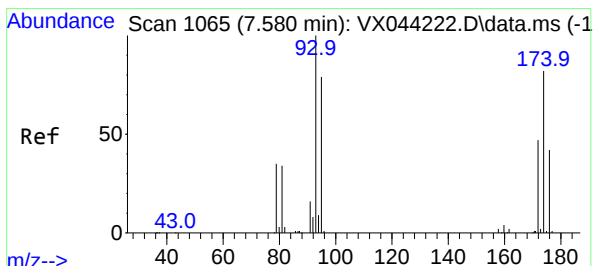
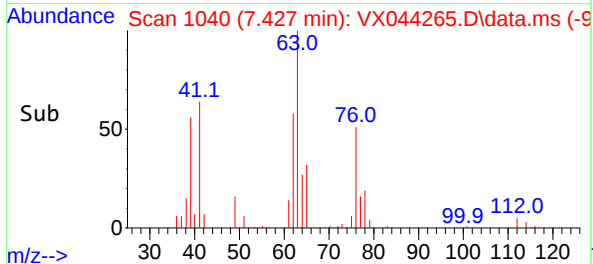
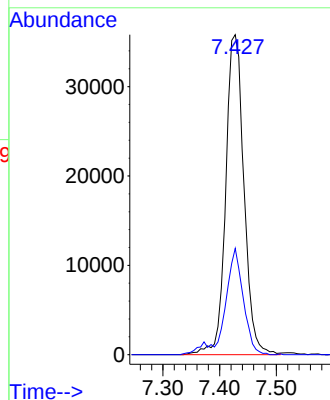
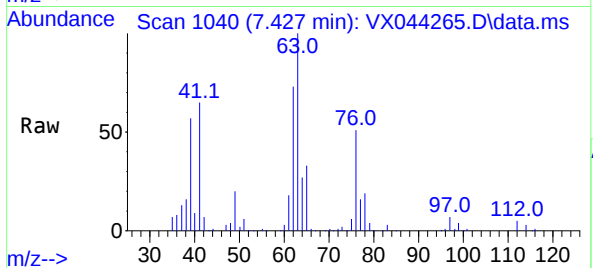
65 33.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#46

Dibromomethane

Concen: 51.491 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044265.D

Acq: 12 Dec 2024 20:11

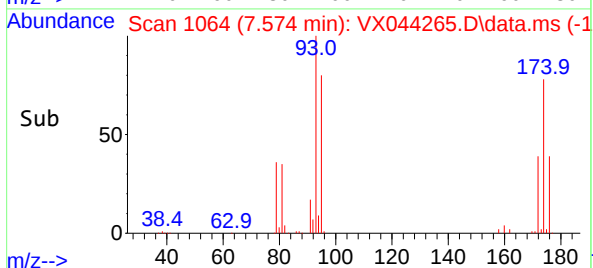
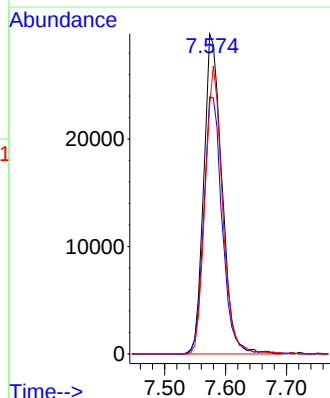
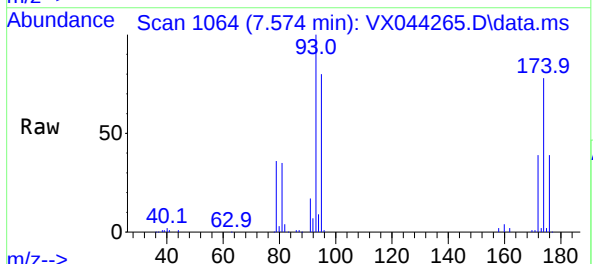
Tgt Ion: 93 Resp: 61599

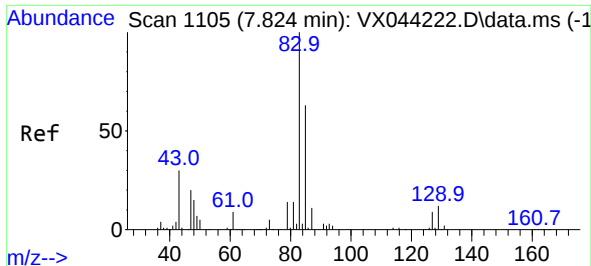
Ion Ratio Lower Upper

93 100

95 81.4 65.4 98.2

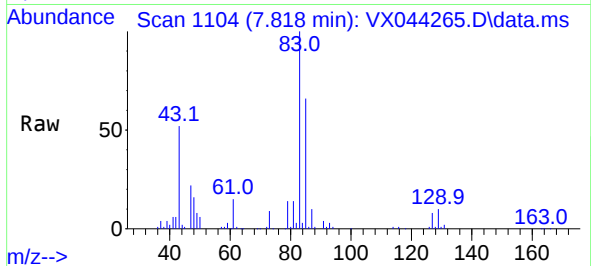
174 86.4 67.9 101.9





#47
Bromodichloromethane
Concen: 53.542 ug/l
RT: 7.818 min Scan# 11062
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

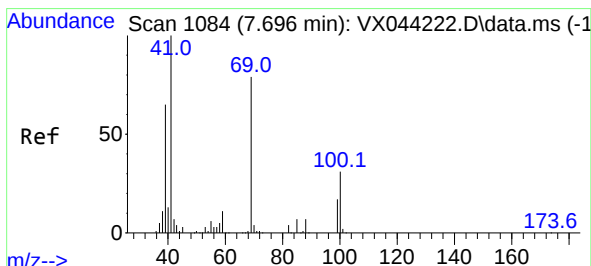
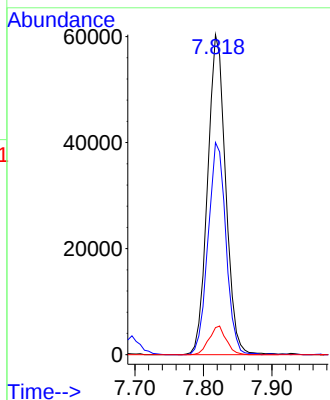
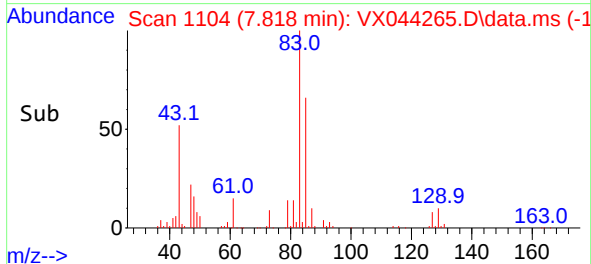
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11062
Ion Ratio Lower Upper
83 100
85 66.3 50.6 75.8
127 8.5 7.3 10.9

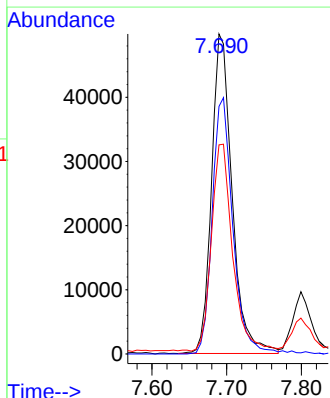
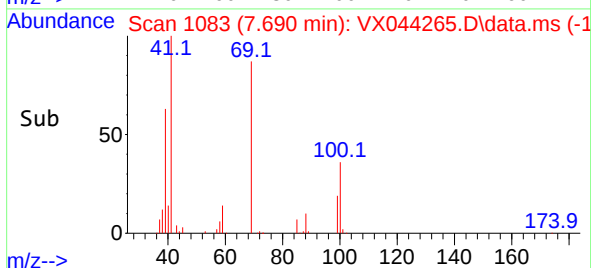
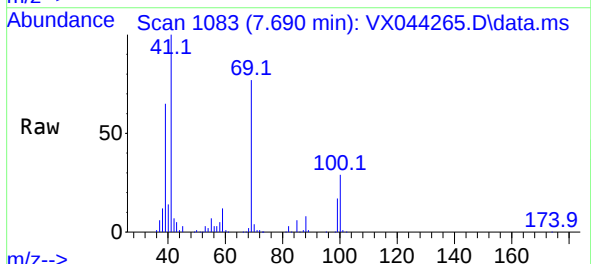
Manual Integrations
APPROVED

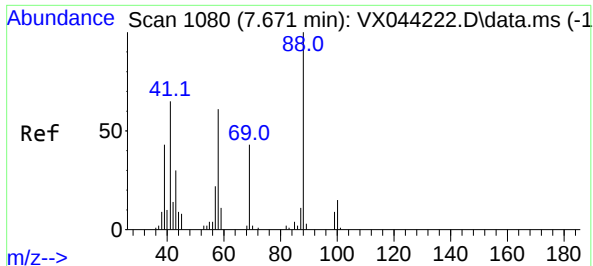
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#48
Methyl methacrylate
Concen: 50.996 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Tgt Ion: 41 Resp: 95077
Ion Ratio Lower Upper
41 100
69 80.9 62.4 93.6
39 66.1 53.3 79.9





#49

1,4-Dioxane

Concen: 981.906 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX044265.D

Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

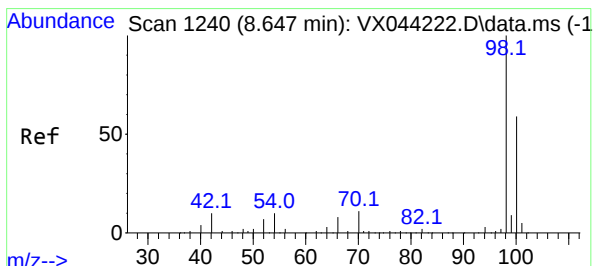
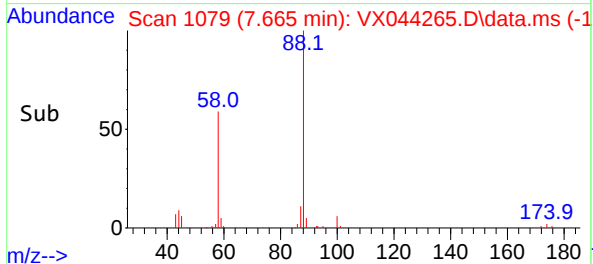
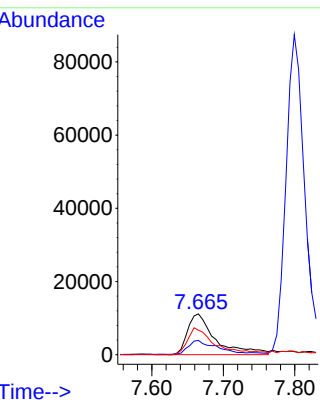
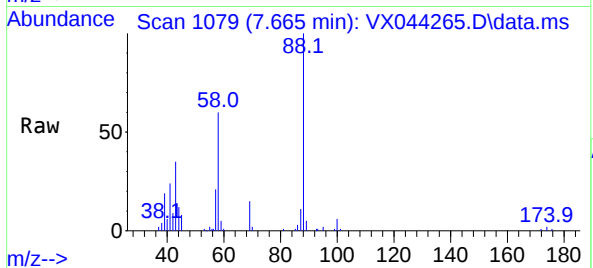
Tgt Ion: 88 Resp: 30352
 Ion Ratio Lower Upper
 88 100
 43 36.6 27.1 40.7
 58 65.5 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#50

Toluene-d8

Concen: 52.993 ug/l

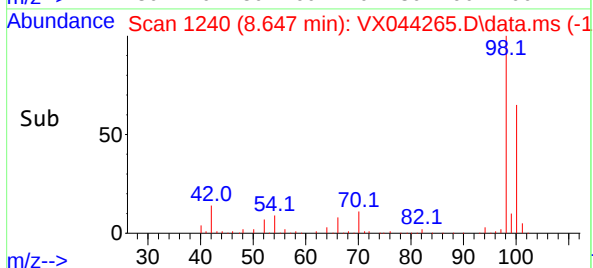
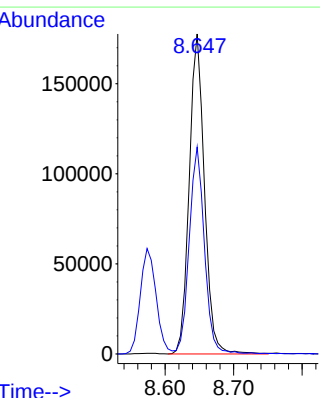
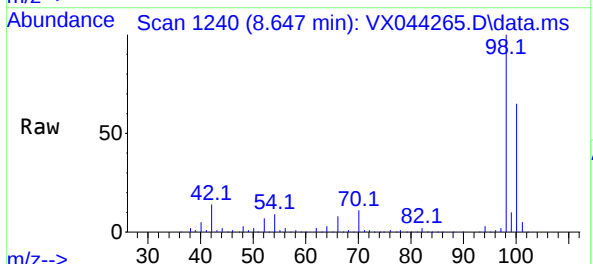
RT: 8.647 min Scan# 1240

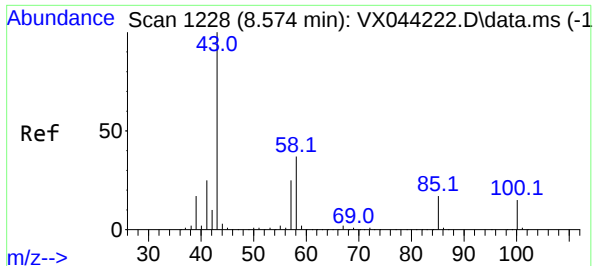
Delta R.T. -0.000 min

Lab File: VX044265.D

Acq: 12 Dec 2024 20:11

Tgt Ion: 98 Resp: 274948
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 256.920 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

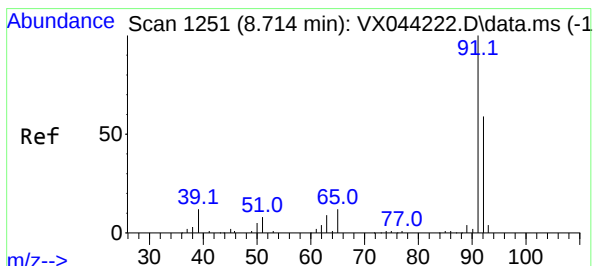
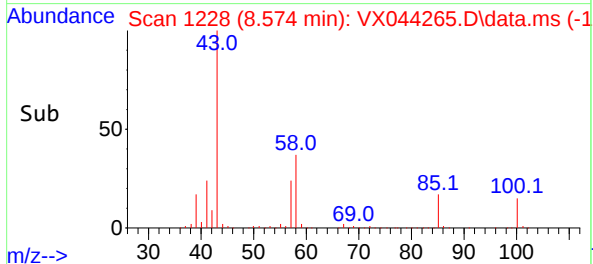
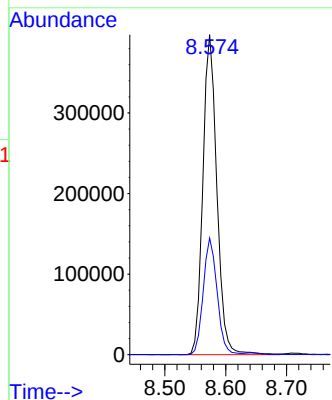
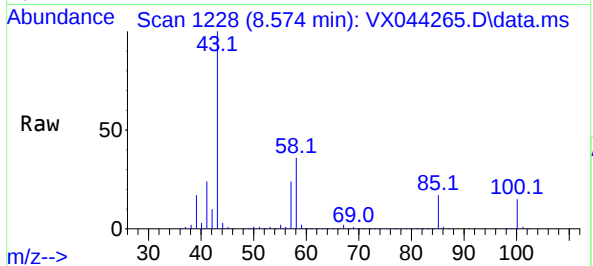
VSTDCCC050EC

Tgt Ion: 43 Resp: 63447
Ion Ratio Lower Upper
43 100
58 36.0 29.4 44.0

Manual Integrations

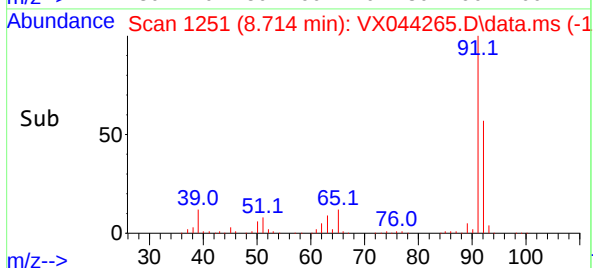
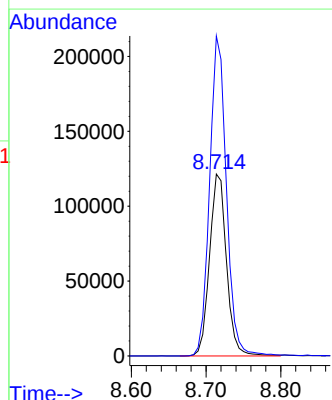
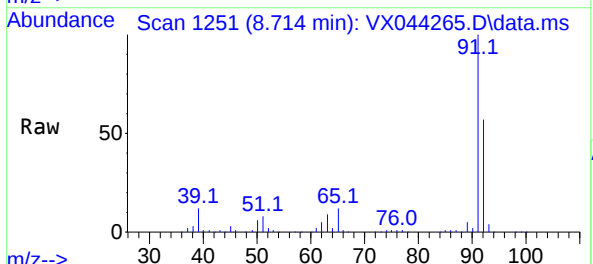
APPROVED

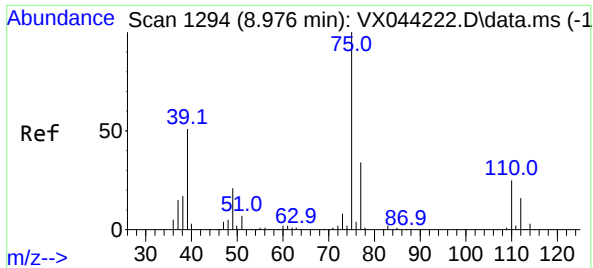
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#52
Toluene
Concen: 50.558 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

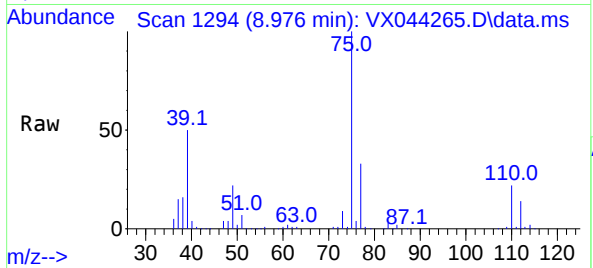
Tgt Ion: 92 Resp: 191629
Ion Ratio Lower Upper
92 100
91 174.7 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 49.596 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

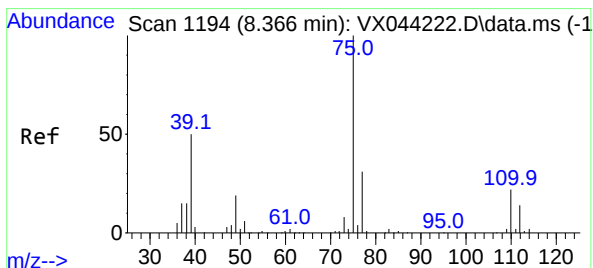
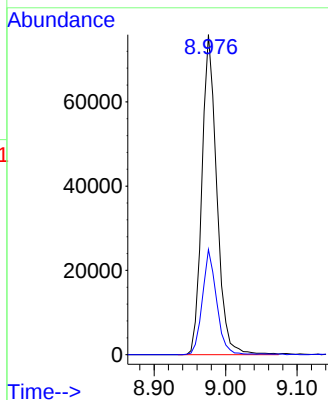
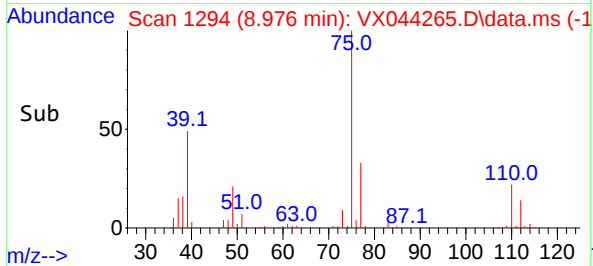
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



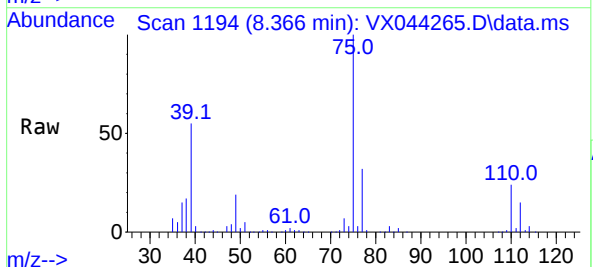
Tgt Ion: 75 Resp: 109928
Ion Ratio Lower Upper
75 100
77 32.8 27.2 40.8

Manual Integrations
APPROVED

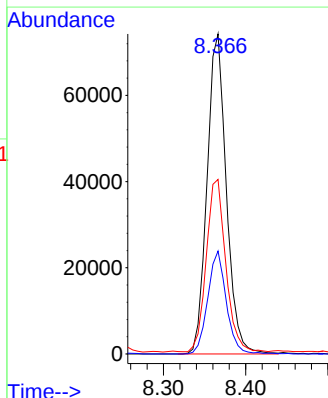
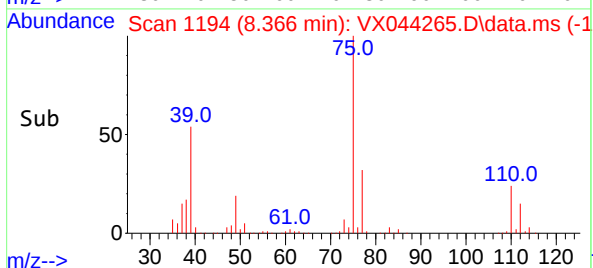
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

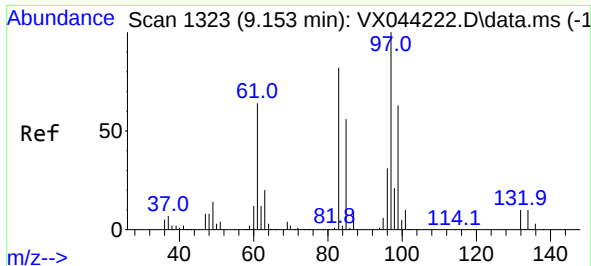


#54
cis-1,3-Dichloropropene
Concen: 53.772 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



Tgt Ion: 75 Resp: 120965
Ion Ratio Lower Upper
75 100
77 32.2 24.7 37.1
39 53.8 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 51.864 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

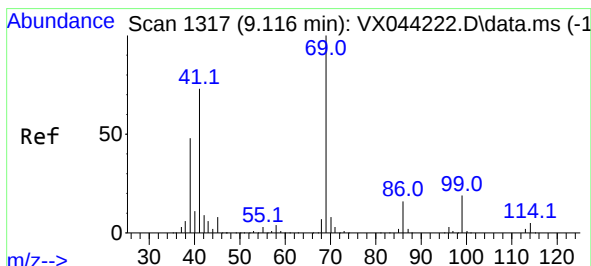
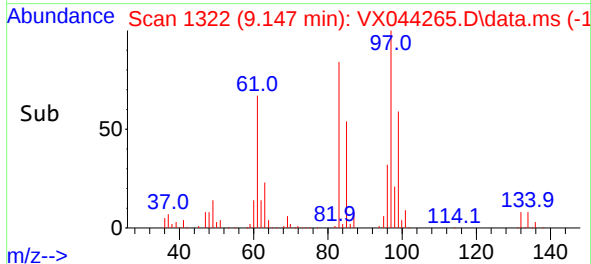
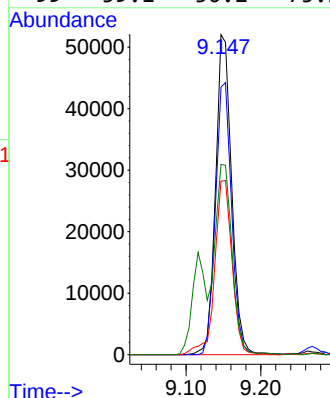
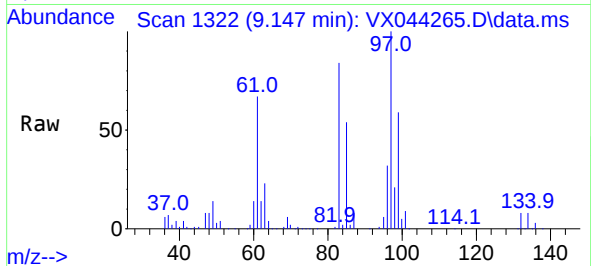
VSTDCCC050EC

Tgt Ion: 97 Resp: 7809
Ion Ratio Lower Upper
97 100
83 83.7 65.3 97.9
85 54.3 44.6 67.0
99 59.1 50.2 75.2

Manual Integrations

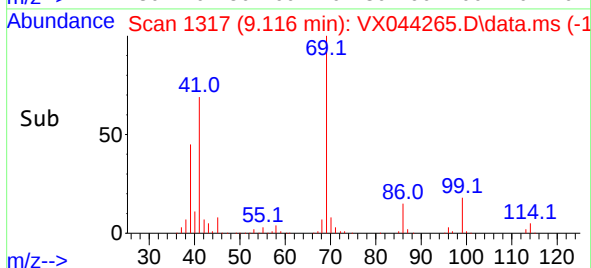
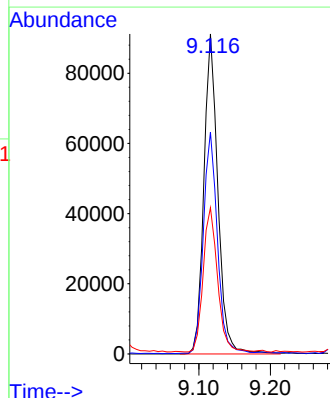
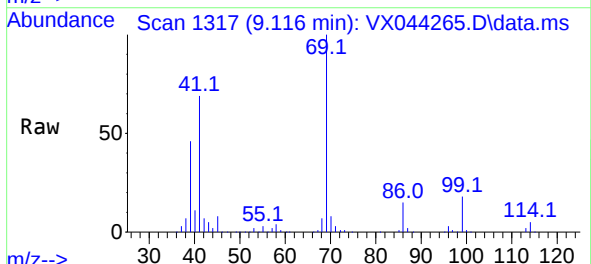
APPROVED

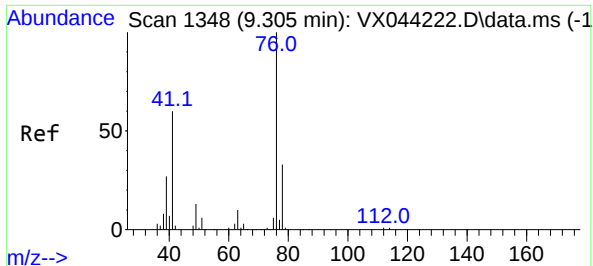
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#56
Ethyl methacrylate
Concen: 52.235 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Tgt Ion: 69 Resp: 124167
Ion Ratio Lower Upper
69 100
41 69.6 56.6 85.0
39 46.0 37.4 56.0





#57
1,3-Dichloropropane
Concen: 52.271 ug/l
RT: 9.305 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

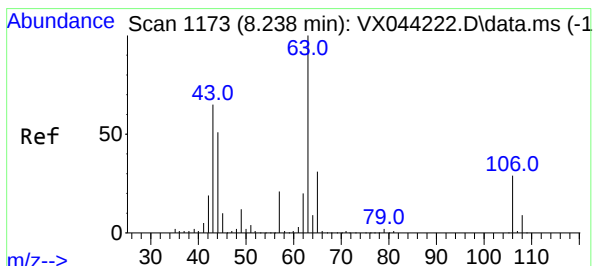
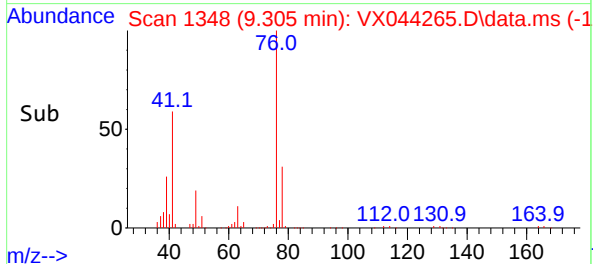
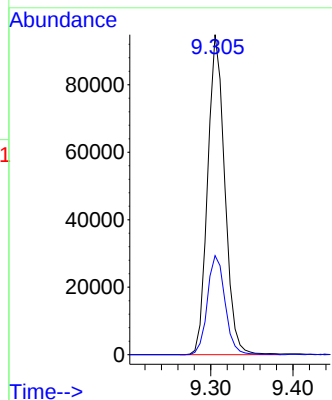
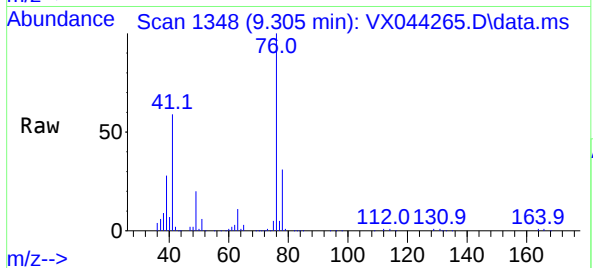
VSTDCCC050EC

Tgt Ion: 76 Resp: 13699
Ion Ratio Lower Upper
76 100
78 32.0 26.5 39.7

Manual Integrations

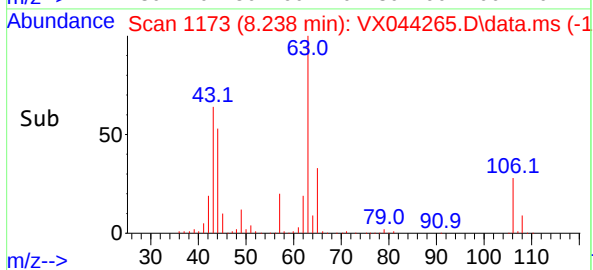
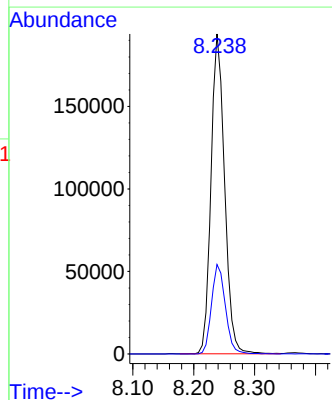
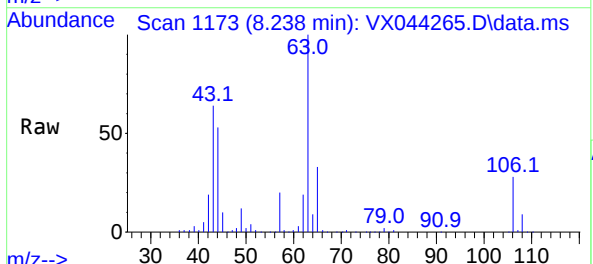
APPROVED

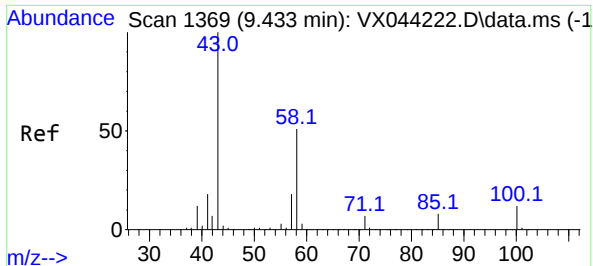
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 250.223 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Tgt Ion: 63 Resp: 300004
Ion Ratio Lower Upper
63 100
106 28.6 22.8 34.2





#59

2-Hexanone

Concen: 259.608 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX044265.D

Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 464052

Ion Ratio Lower Upper

43 100

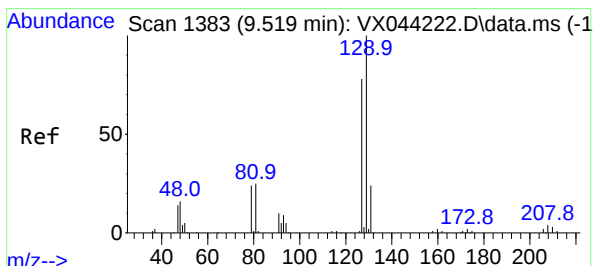
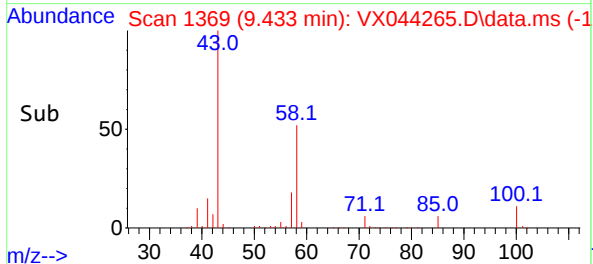
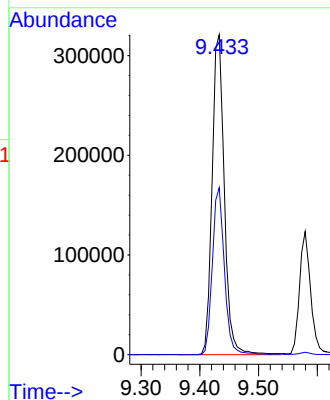
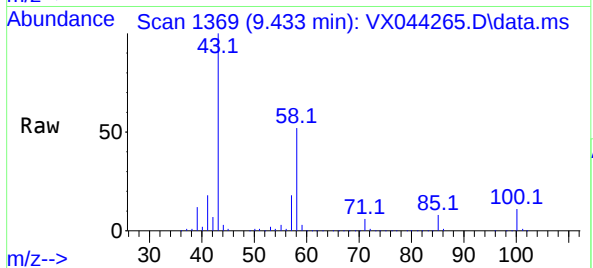
58 51.4 25.7 77.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#60

Dibromochloromethane

Concen: 49.378 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044265.D

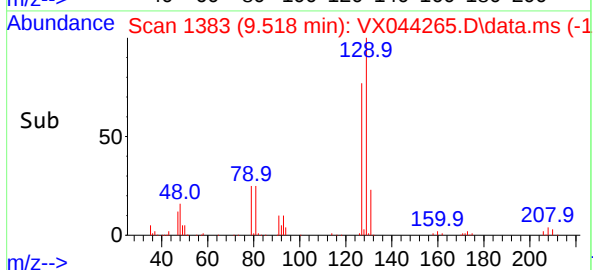
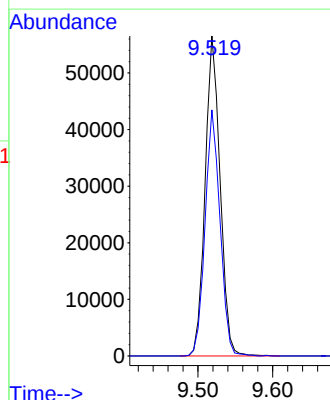
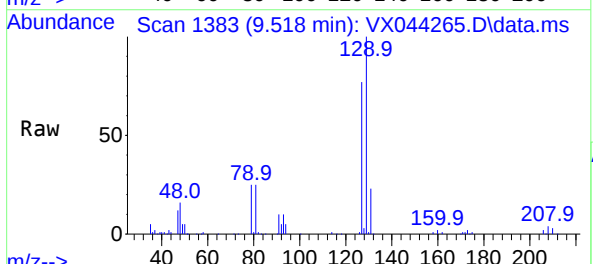
Acq: 12 Dec 2024 20:11

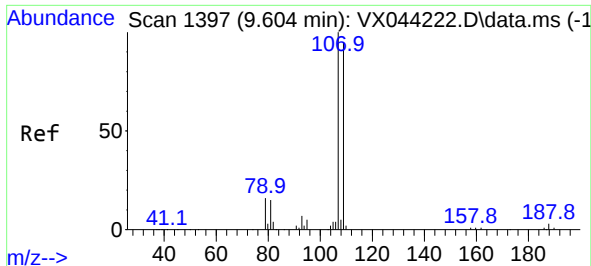
Tgt Ion:129 Resp: 78668

Ion Ratio Lower Upper

129 100

127 76.7 38.5 115.3





#61
1,2-Dibromoethane
Concen: 53.558 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

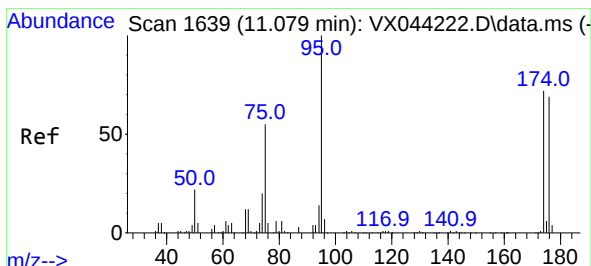
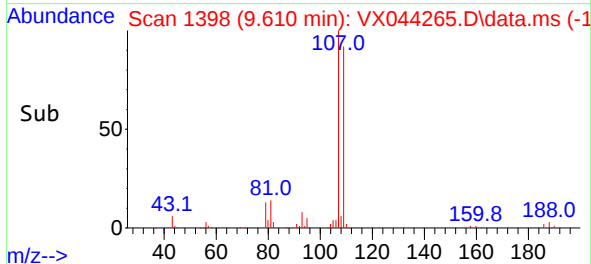
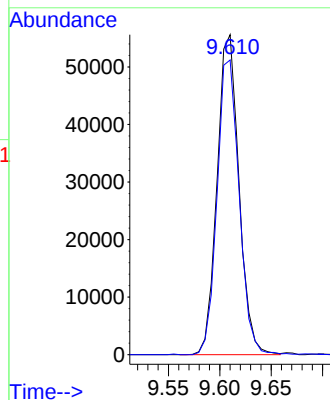
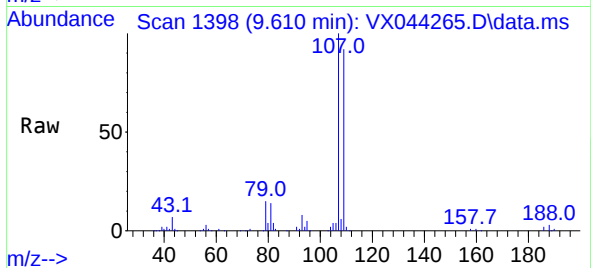
Tgt Ion:107 Resp: 82089
Ion Ratio Lower Upper
107 100
109 93.2 77.0 115.4

Manual Integrations

APPROVED

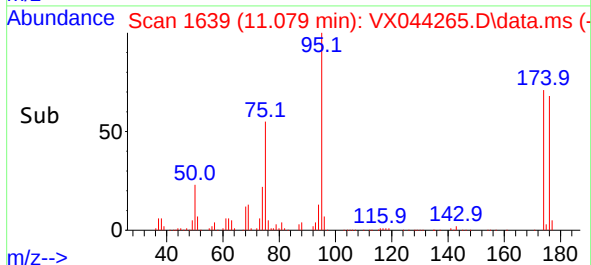
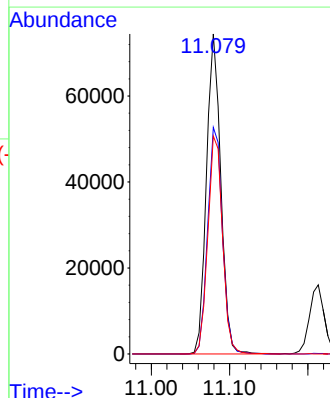
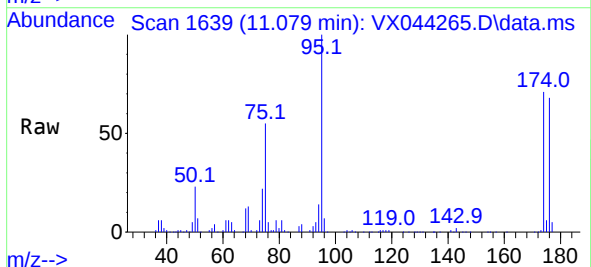
Reviewed By :John Carlone 12/13/2024

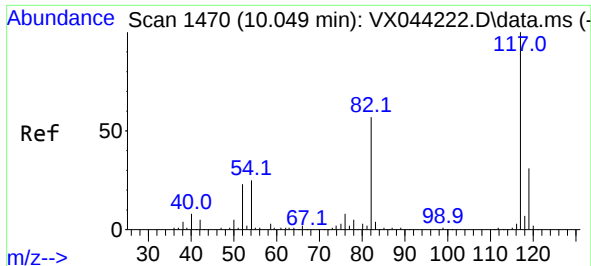
Supervised By :Mahesh Dadoda 12/13/2024



#62
4-Bromofluorobenzene
Concen: 52.026 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

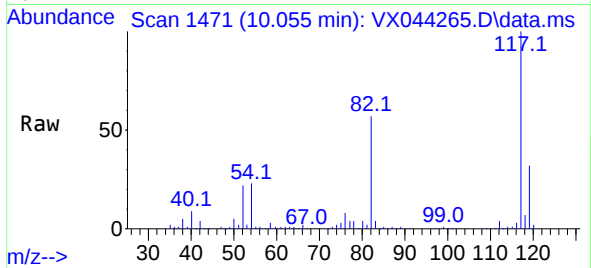
Tgt Ion: 95 Resp: 94320
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.8
176 69.8 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

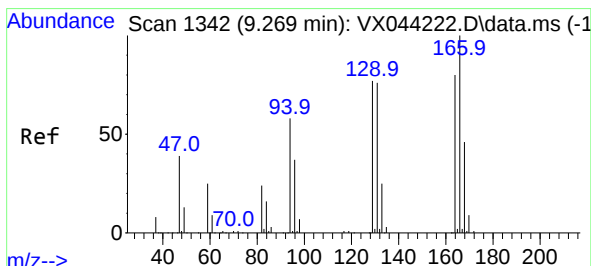
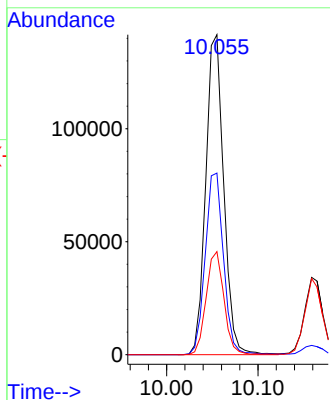
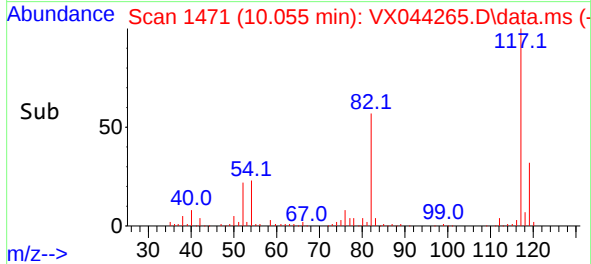
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 19289
Ion Ratio Lower Upper
117 100
82 56.8 45.8 68.8
119 32.2 25.0 37.4

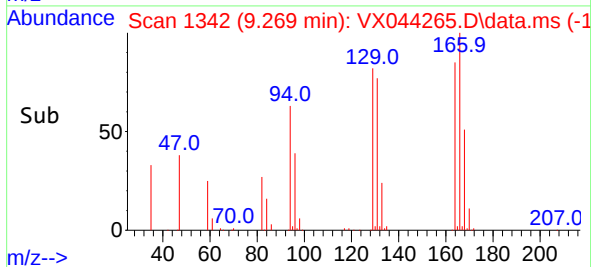
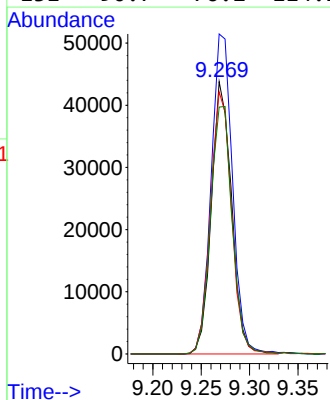
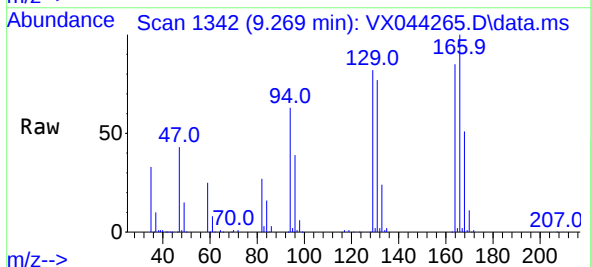
Manual Integrations
APPROVED

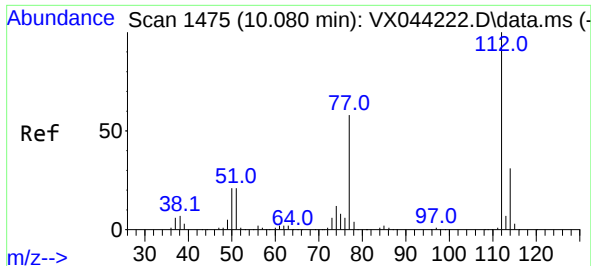
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#64
Tetrachloroethene
Concen: 49.650 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Tgt Ion:164 Resp: 63566
Ion Ratio Lower Upper
164 100
166 117.5 100.4 150.6
129 96.3 77.2 115.8
131 90.7 76.2 114.2





#65
Chlorobenzene
Concen: 50.391 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

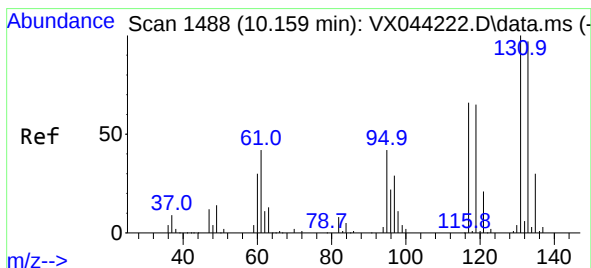
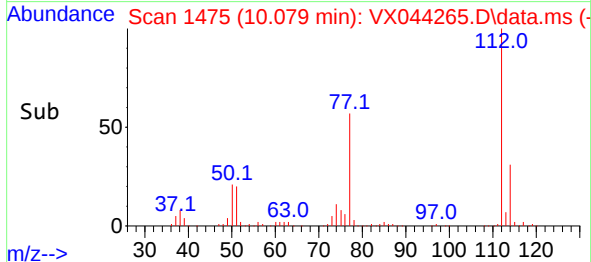
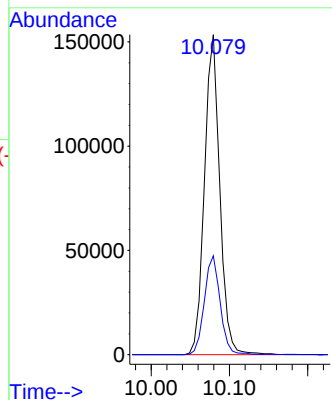
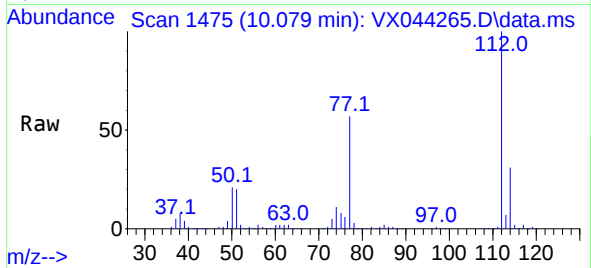
Tgt Ion:112 Resp: 20828
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6

Manual Integrations

APPROVED

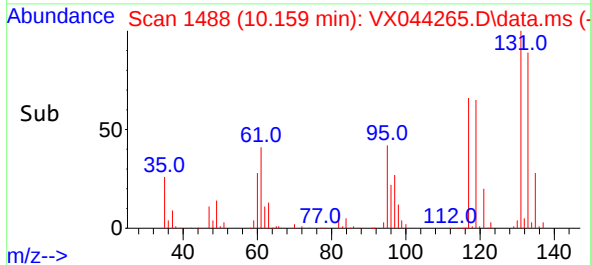
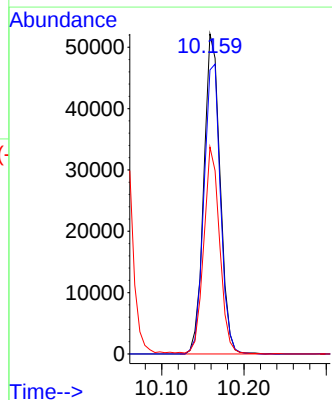
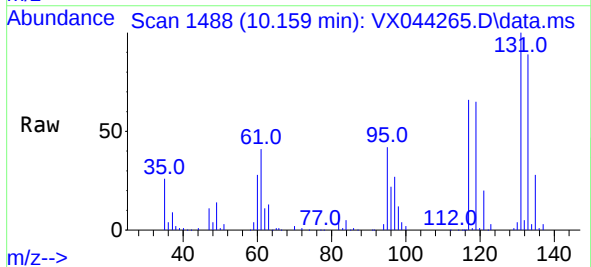
Reviewed By :John Carlone 12/13/2024

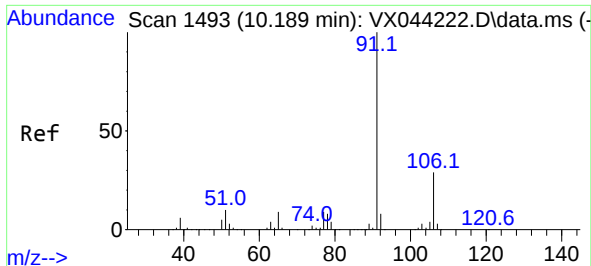
Supervised By :Mahesh Dadoda 12/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.861 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

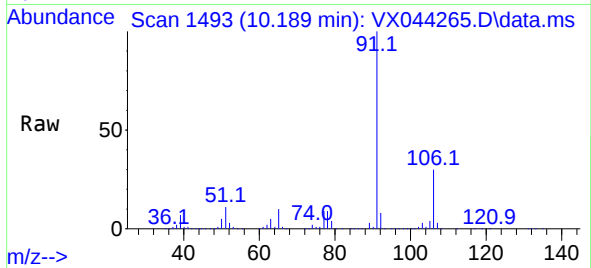
Tgt Ion:131 Resp: 71548
Ion Ratio Lower Upper
131 100
133 92.4 47.3 141.8
119 63.3 31.6 95.0





#67
Ethyl Benzene
Concen: 51.637 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

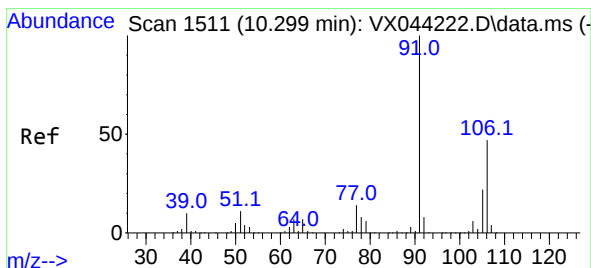
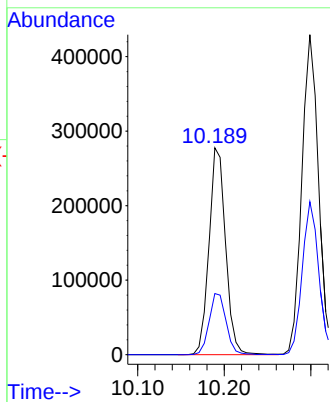
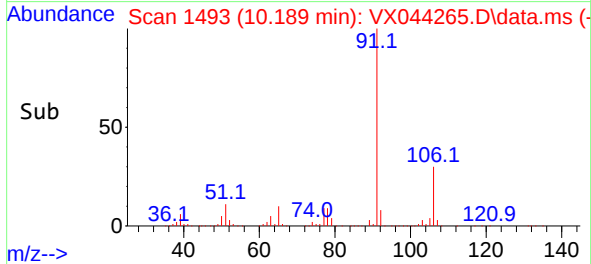
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



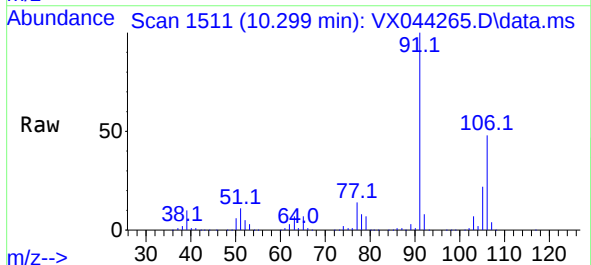
Tgt Ion: 91 Resp: 368774
Ion Ratio Lower Upper
91 100
106 29.6 23.5 35.3

Manual Integrations
APPROVED

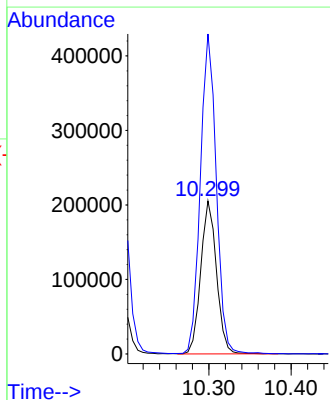
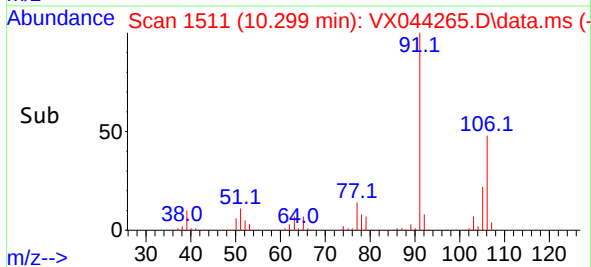
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

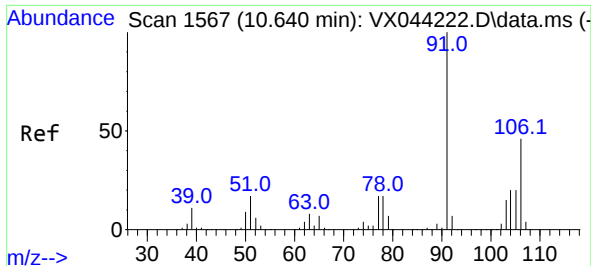


#68
m/p-Xylenes
Concen: 104.087 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



Tgt Ion:106 Resp: 272767
Ion Ratio Lower Upper
106 100
91 211.5 170.2 255.2





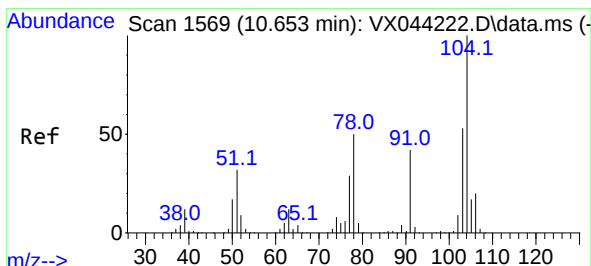
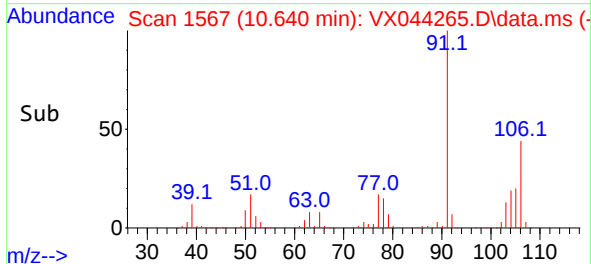
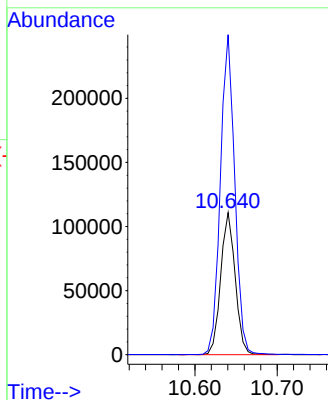
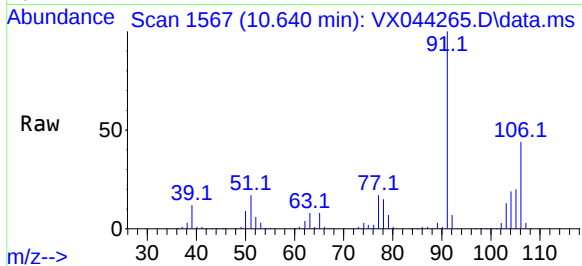
#69
o-Xylene
Concen: 51.185 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 135710
Ion Ratio Lower Upper
106 100
91 223.2 112.3 337.0

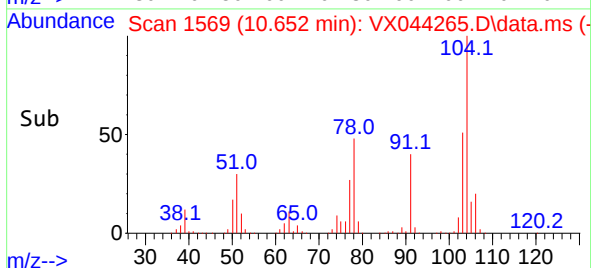
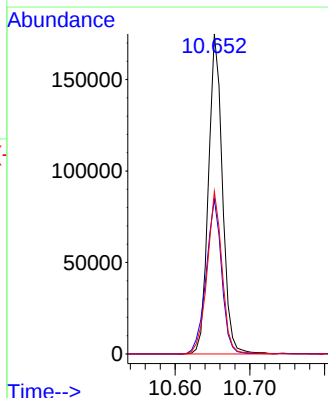
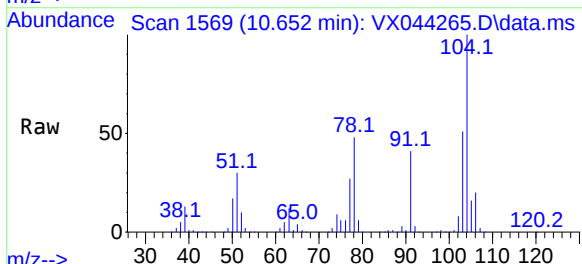
Manual Integrations
APPROVED

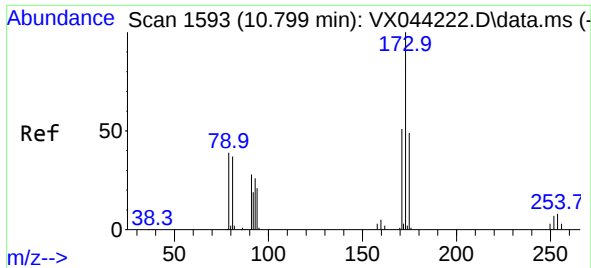
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#70
Styrene
Concen: 53.658 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

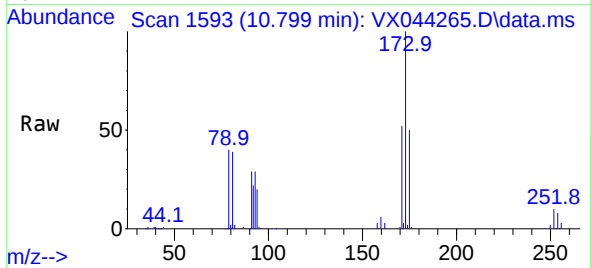
Tgt Ion:104 Resp: 228077
Ion Ratio Lower Upper
104 100
78 53.6 44.6 67.0
103 54.0 45.4 68.0





#71
Bromoform
Concen: 47.683 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

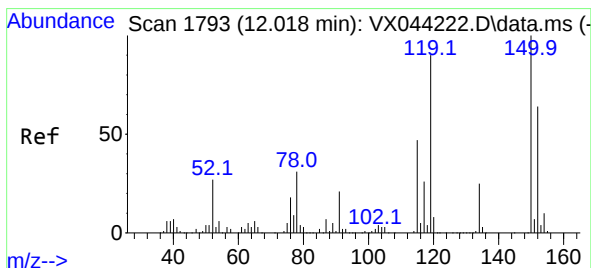
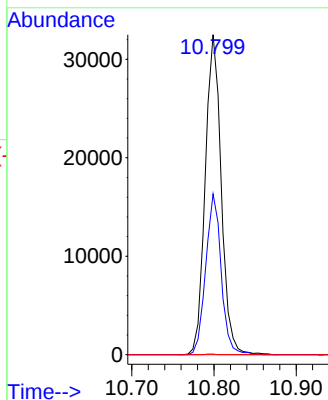
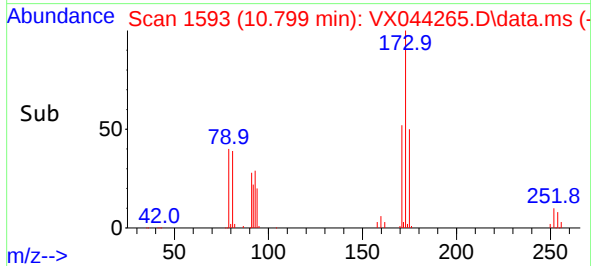
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 43985
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.4
254 0.1 0.0 0.0

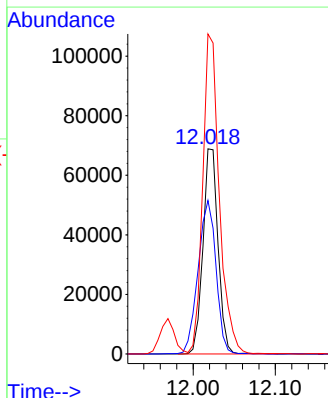
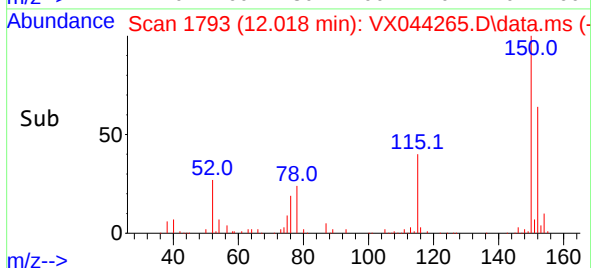
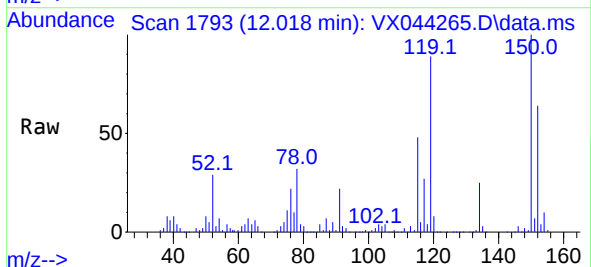
Manual Integrations
APPROVED

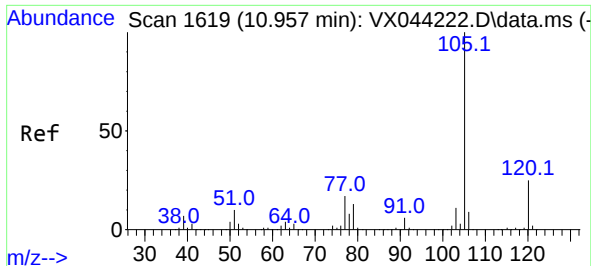
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Tgt Ion:152 Resp: 87857
Ion Ratio Lower Upper
152 100
115 89.1 44.5 133.3
150 171.4 0.0 353.8





#73
Isopropylbenzene
Concen: 51.868 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

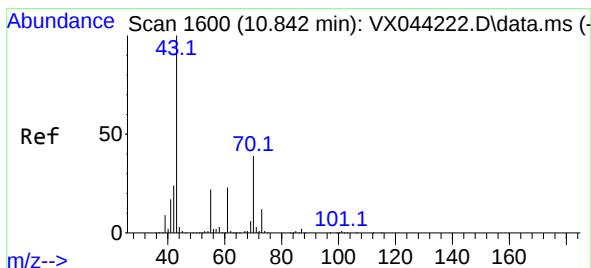
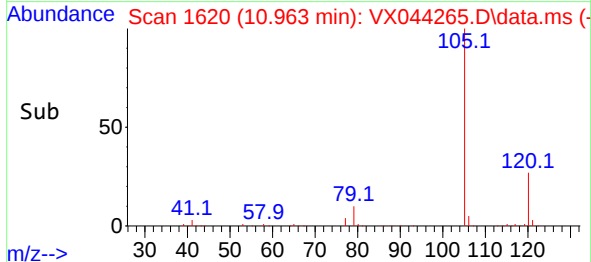
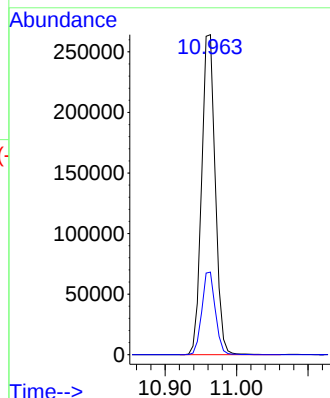
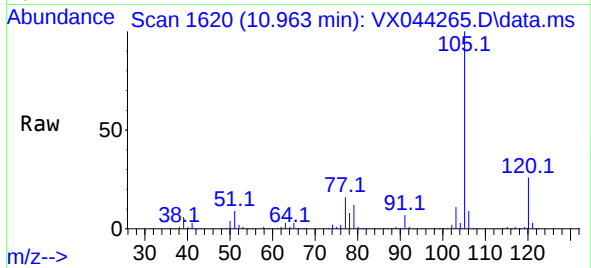
Tgt Ion:105 Resp: 348850
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.3

Manual Integrations

APPROVED

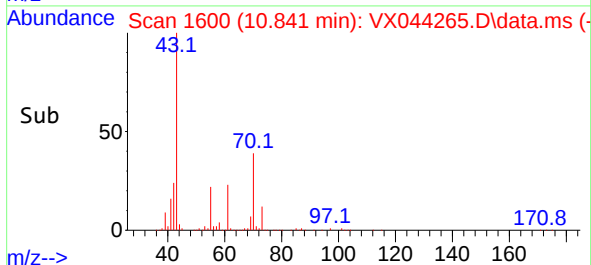
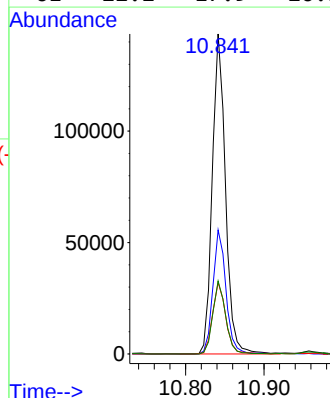
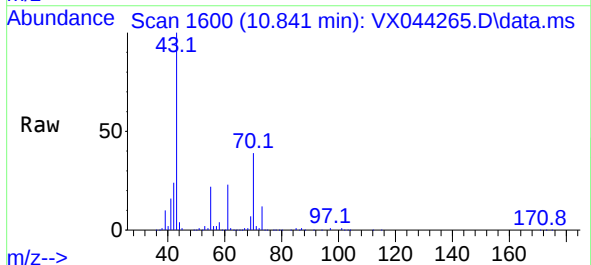
Reviewed By :John Carlone 12/13/2024

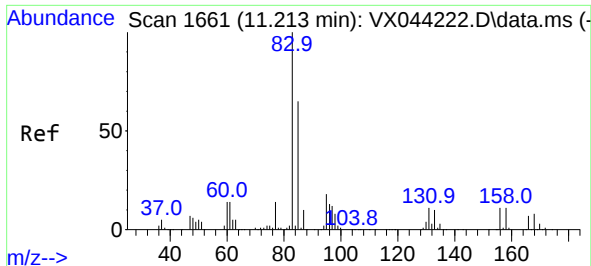
Supervised By :Mahesh Dadoda 12/13/2024



#74
N-amy1 acetate
Concen: 53.949 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

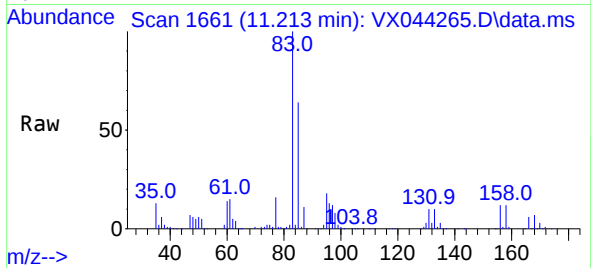
Tgt Ion: 43 Resp: 167692
Ion Ratio Lower Upper
43 100
70 38.5 31.9 47.9
55 22.7 17.9 26.9
61 22.2 17.9 26.9





#75
1,1,2,2-Tetrachloroethane
Concen: 50.546 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

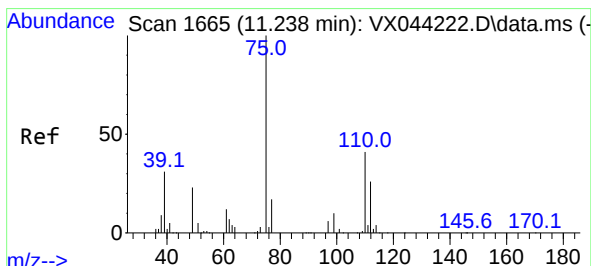
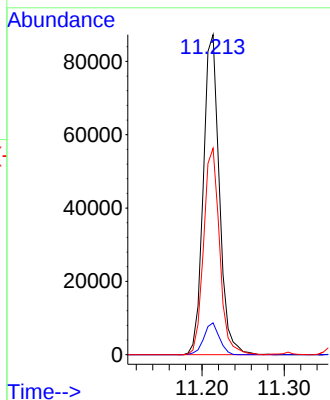
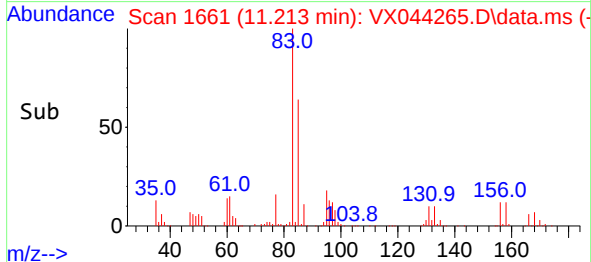
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



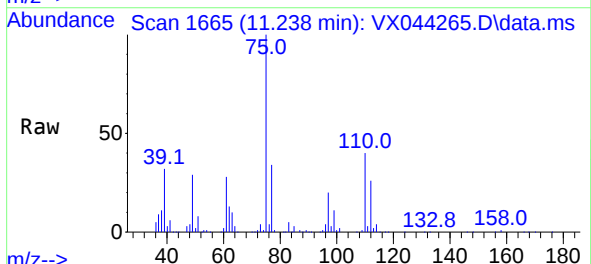
Tgt Ion: 83 Resp: 118080
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.4
85 64.2 32.5 97.4

Manual Integrations
APPROVED

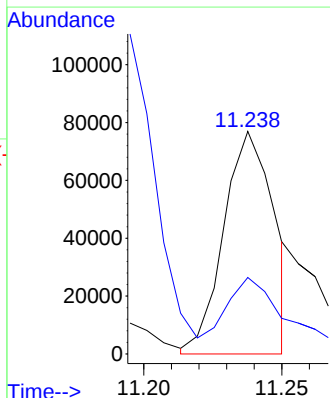
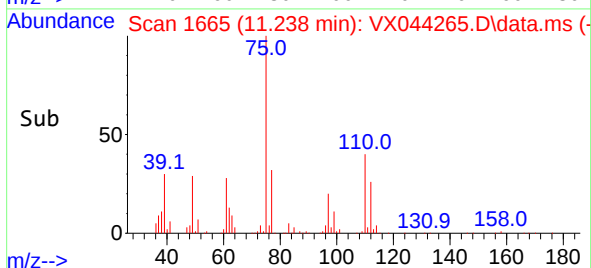
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

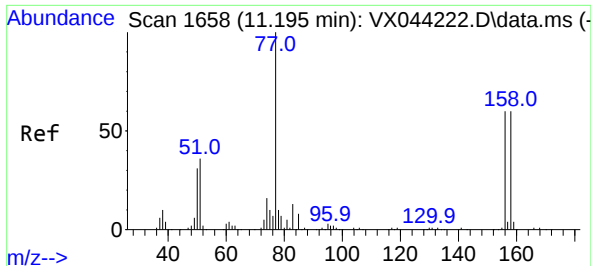


#76
1,2,3-Trichloropropane
Concen: 49.818 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



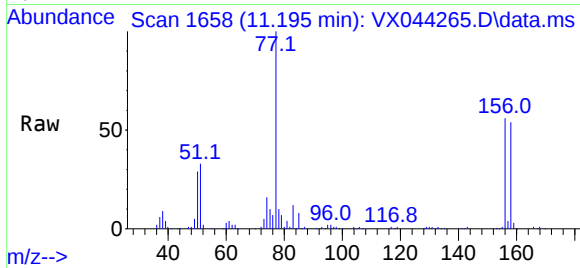
Tgt Ion: 75 Resp: 97725
Ion Ratio Lower Upper
75 100
77 42.9 20.9 62.7





#77
Bromobenzene
Concen: 49.253 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

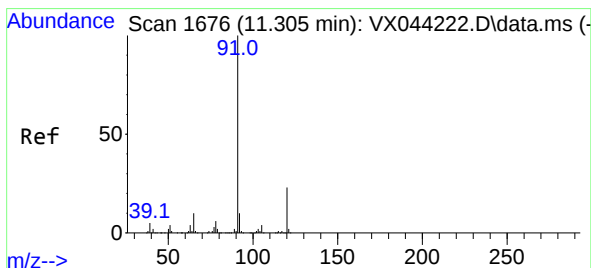
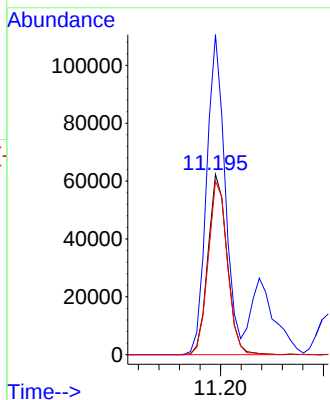
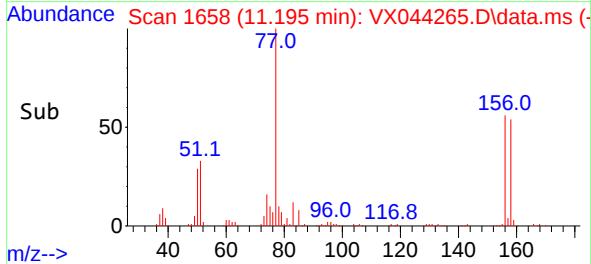
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



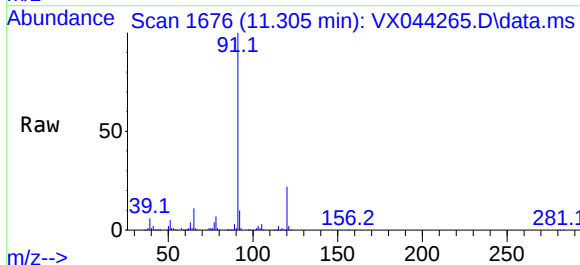
Tgt Ion:156 Resp: 8033
Ion Ratio Lower Upper
156 100
77 171.2 82.6 247.8
158 96.9 48.8 146.4

Manual Integrations
APPROVED

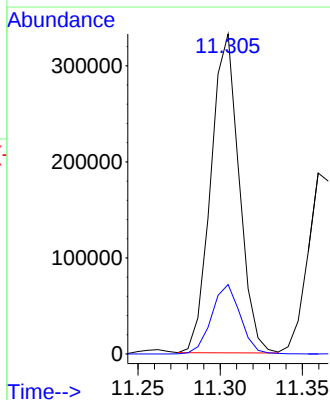
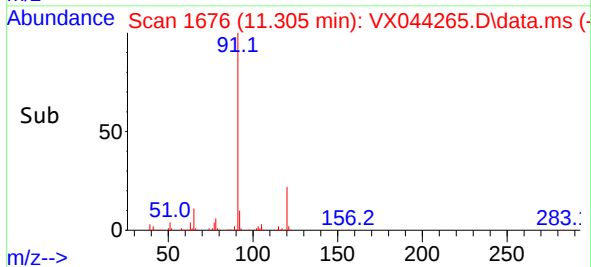
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

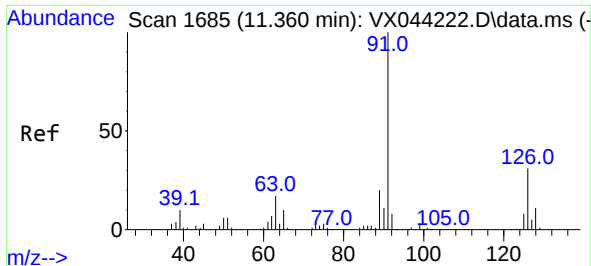


#78
n-propylbenzene
Concen: 53.402 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



Tgt Ion: 91 Resp: 396977
Ion Ratio Lower Upper
91 100
120 22.1 11.0 33.0





#79
2-Chlorotoluene
Concen: 50.519 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

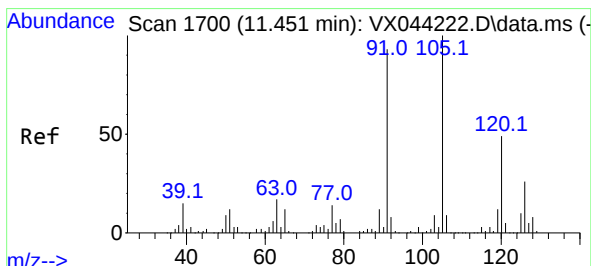
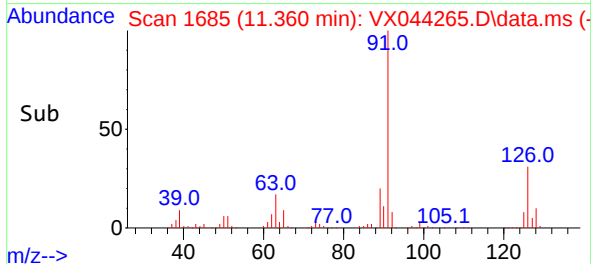
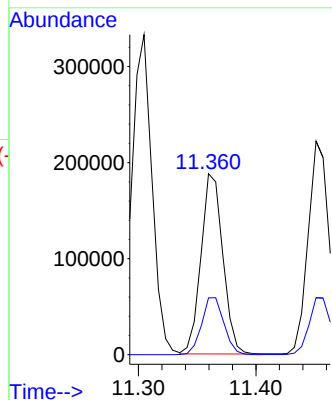
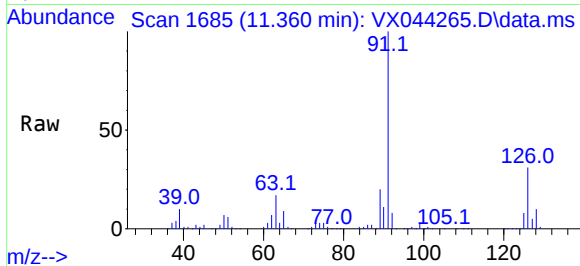
VSTDCCC050EC

Tgt Ion: 91 Resp: 242879
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1

Manual Integrations

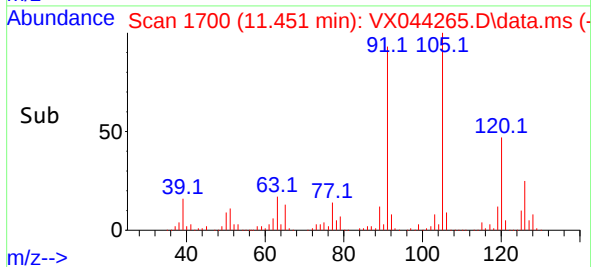
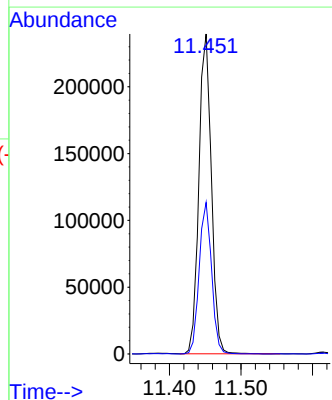
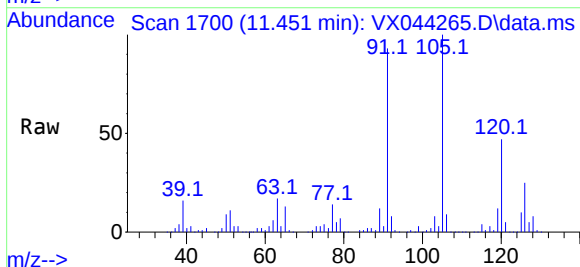
APPROVED

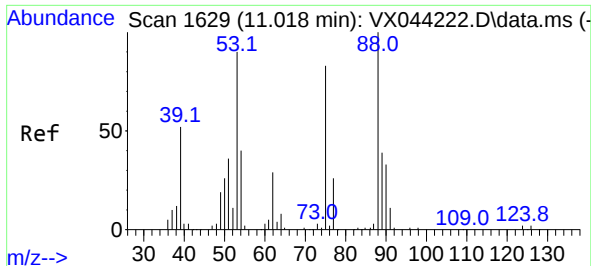
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.872 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

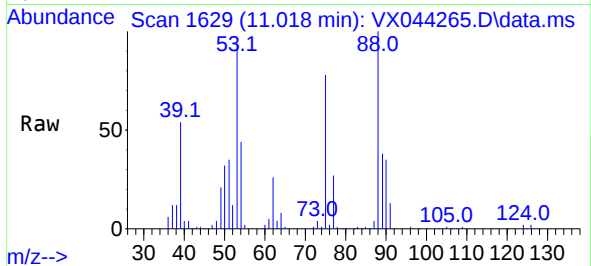
Tgt Ion:105 Resp: 289323
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 43.533 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

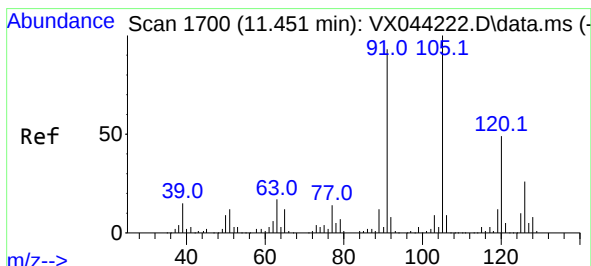
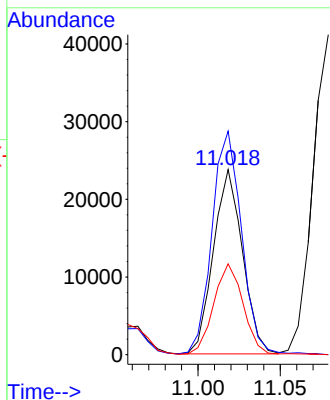
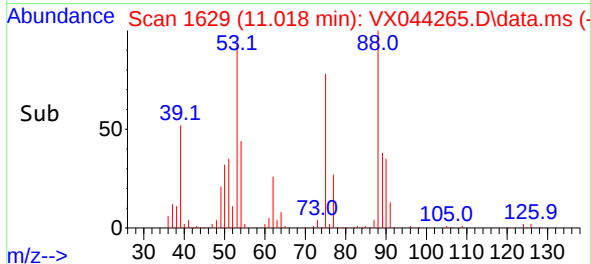
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



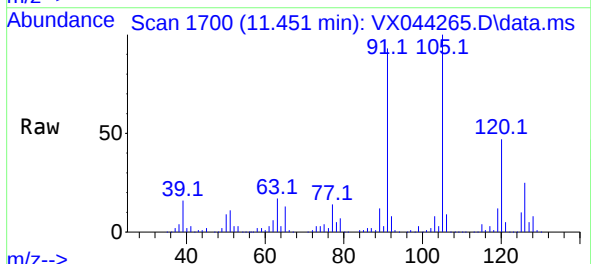
Tgt Ion: 75 Resp: 29245
Ion Ratio Lower Upper
75 100
53 123.9 93.6 140.4
89 50.4 37.3 55.9

Manual Integrations
APPROVED

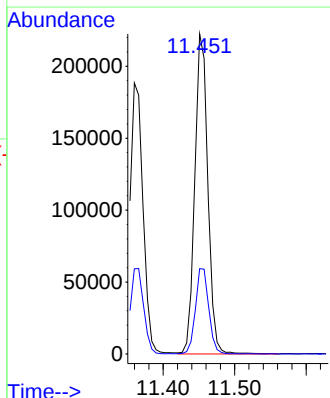
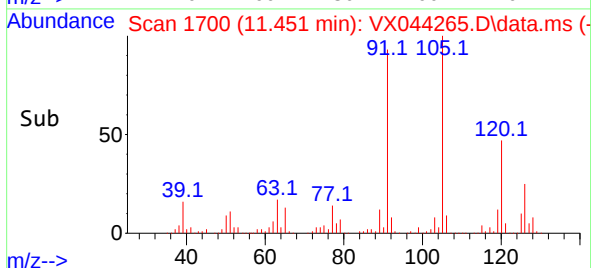
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

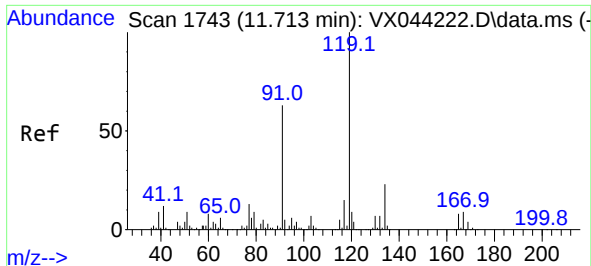


#82
4-Chlorotoluene
Concen: 52.789 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



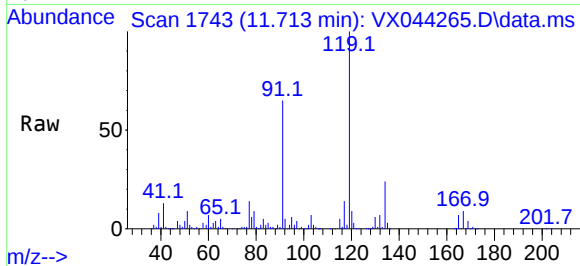
Tgt Ion: 91 Resp: 281036
Ion Ratio Lower Upper
91 100
126 27.4 14.5 43.5





#83
tert-Butylbenzene
Concen: 51.571 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

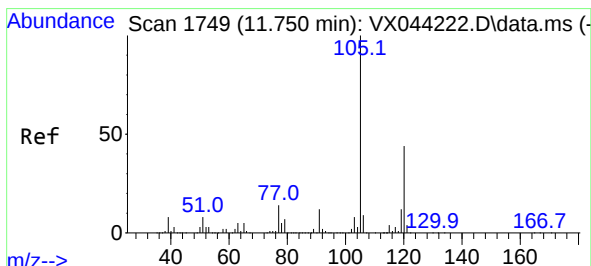
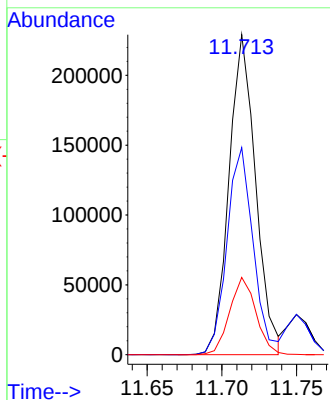
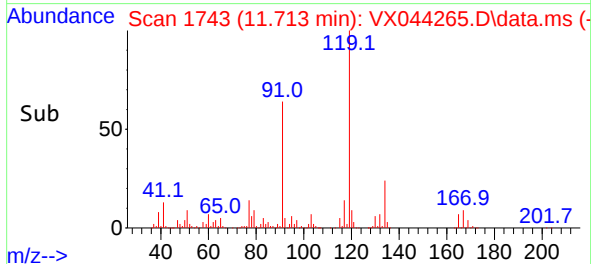
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



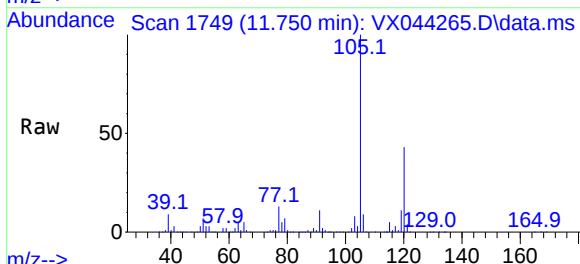
Tgt Ion:119 Resp: 284270
Ion Ratio Lower Upper
119 100
91 63.9 30.9 92.5
134 23.9 11.5 34.4

Manual Integrations
APPROVED

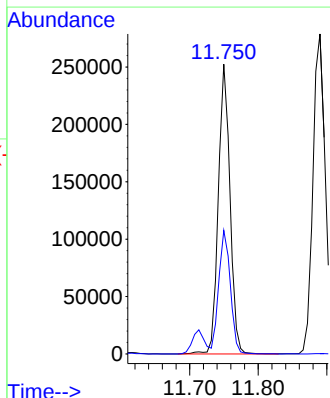
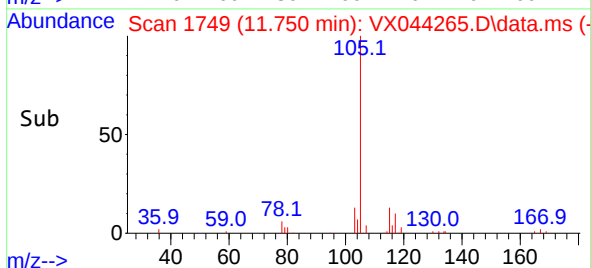
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

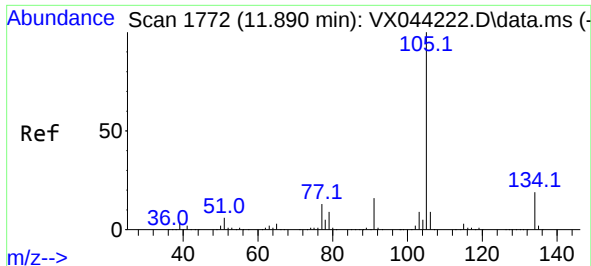


#84
1,2,4-Trimethylbenzene
Concen: 54.165 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



Tgt Ion:105 Resp: 296698
Ion Ratio Lower Upper
105 100
120 42.4 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 52.158 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044265.D
 Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

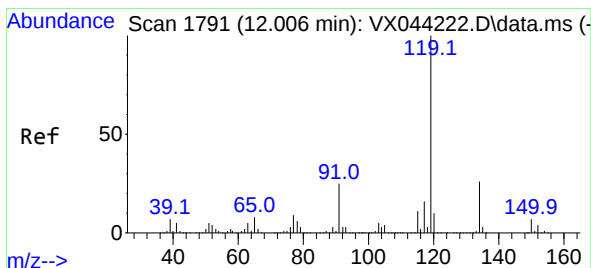
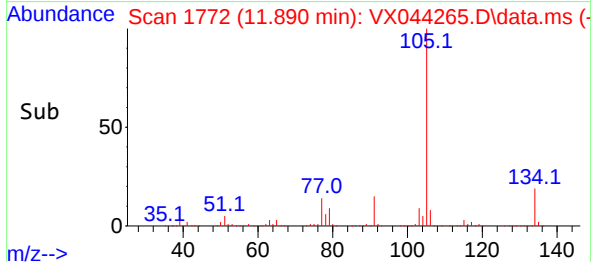
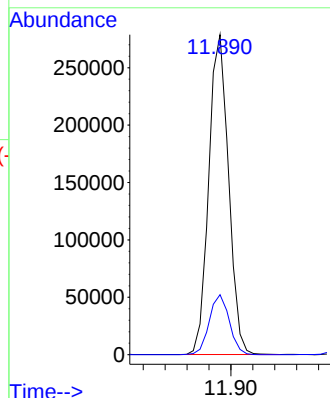
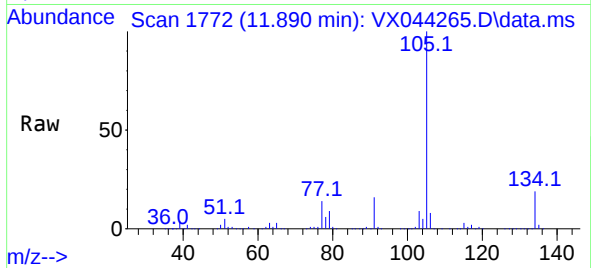
VSTDCCC050EC

Tgt Ion:105 Resp: 34903
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations

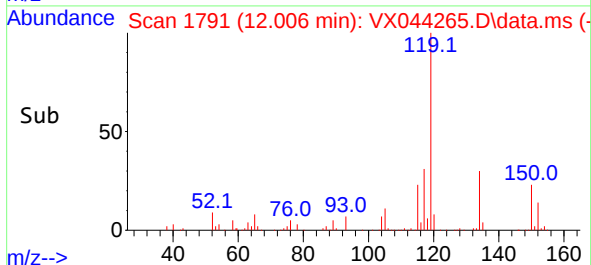
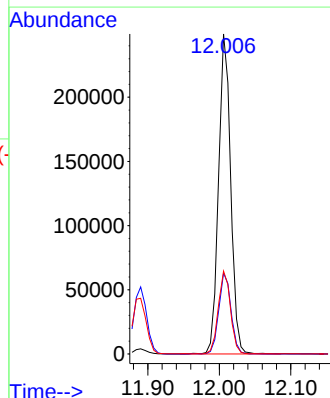
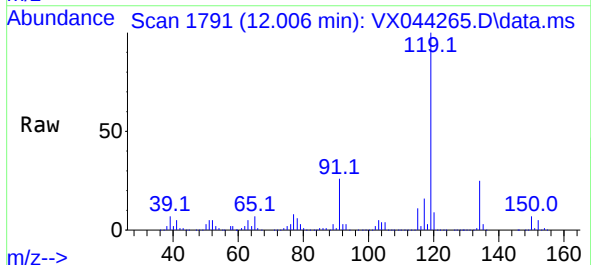
APPROVED

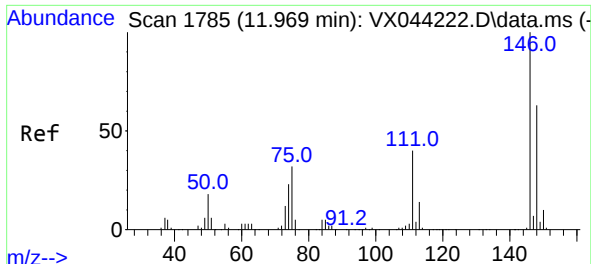
Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024



#86
 p-Isopropyltoluene
 Concen: 52.611 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX044265.D
 Acq: 12 Dec 2024 20:11

Tgt Ion:119 Resp: 293025
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 26.0 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 50.981 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044265.D

Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 14524

Ion Ratio Lower Upper

146 100

111 41.1 21.4 64.2

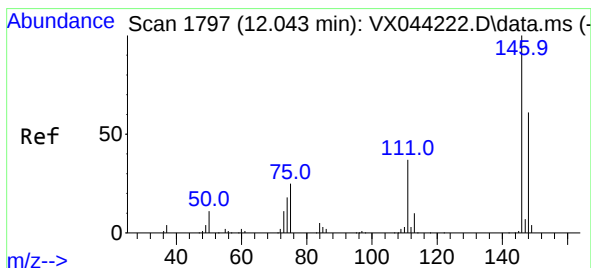
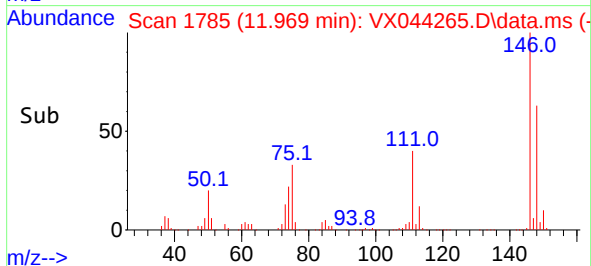
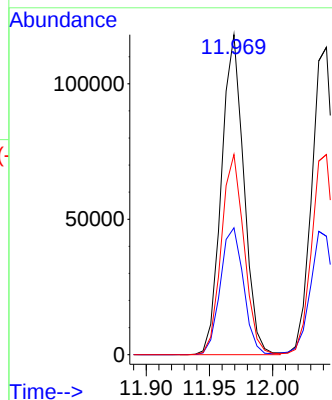
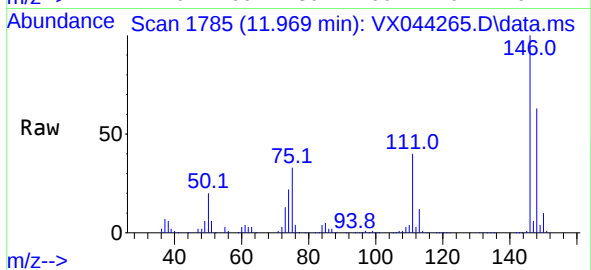
148 63.6 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#88

1,4-Dichlorobenzene

Concen: 49.263 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX044265.D

Acq: 12 Dec 2024 20:11

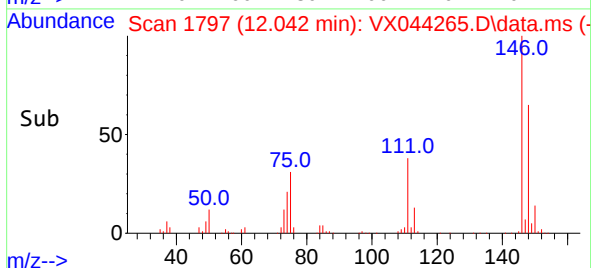
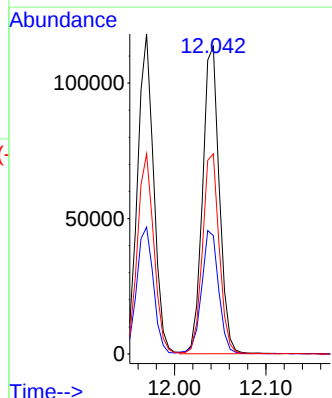
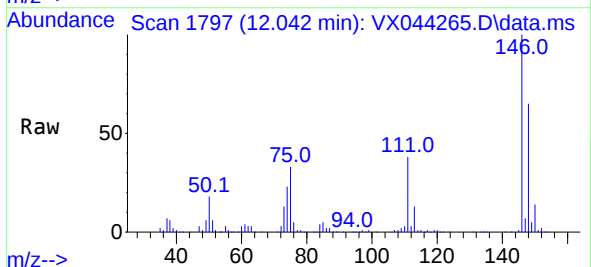
Tgt Ion:146 Resp: 144274

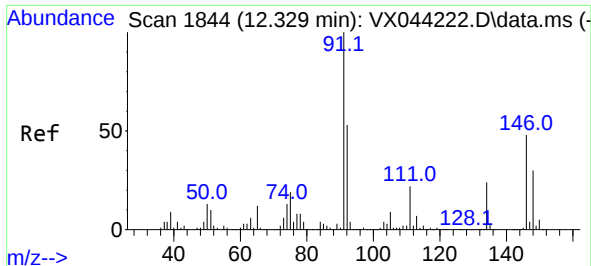
Ion Ratio Lower Upper

146 100

111 40.8 21.0 63.0

148 65.0 32.3 96.8





#89

n-Butylbenzene

Concen: 53.350 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044265.D

Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 24985

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

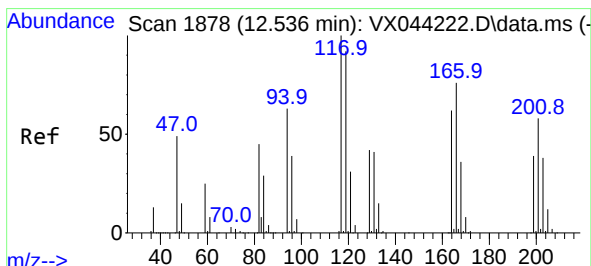
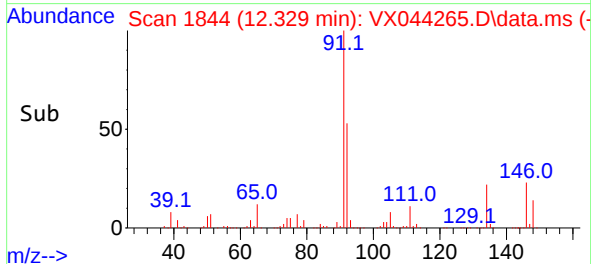
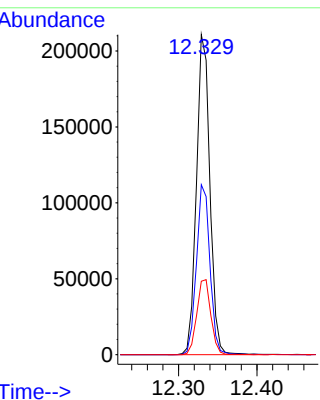
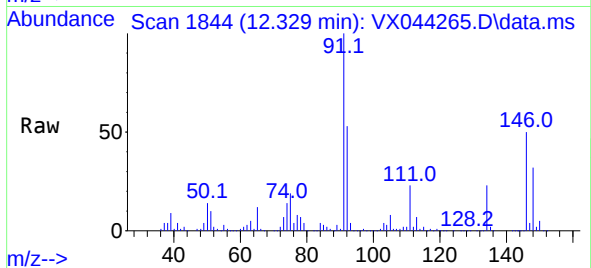
134 24.5 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#90

Hexachloroethane

Concen: 53.102 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044265.D

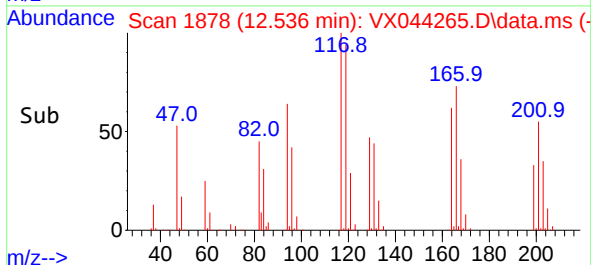
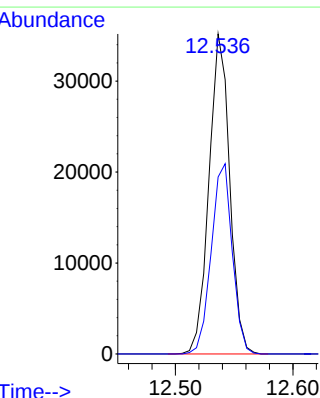
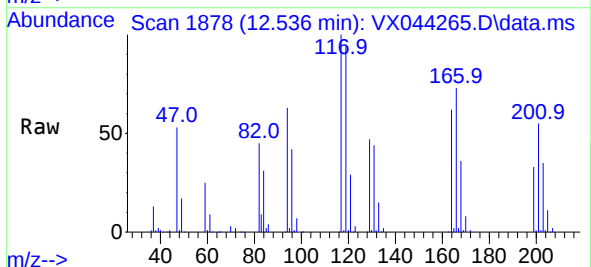
Acq: 12 Dec 2024 20:11

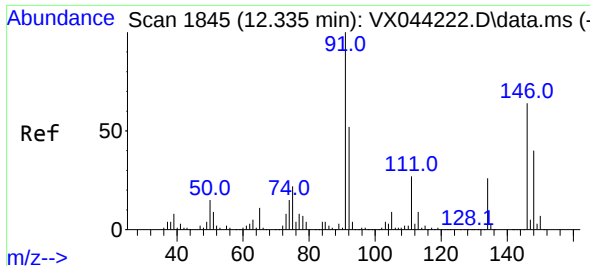
Tgt Ion:117 Resp: 43173

Ion Ratio Lower Upper

117 100

201 60.3 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 50.582 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

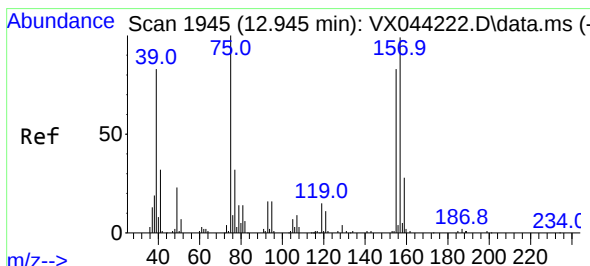
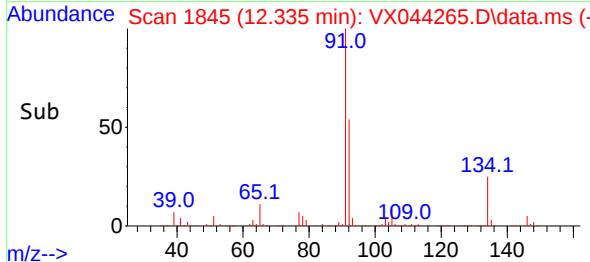
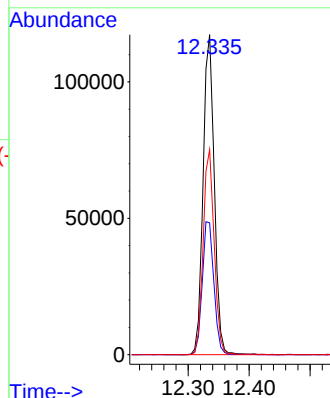
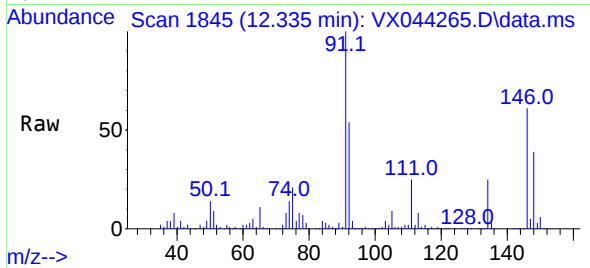
Tgt Ion:146 Resp: 149629
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.3
148 63.3 31.6 95.0

Manual Integrations

APPROVED

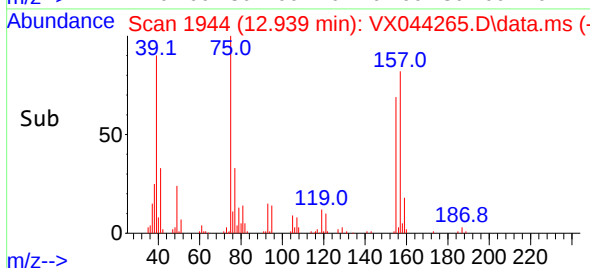
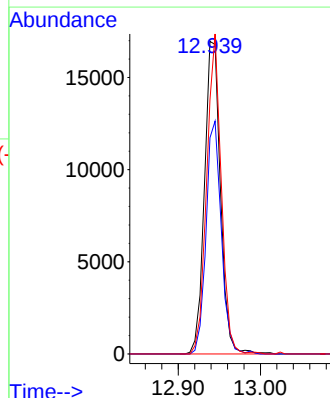
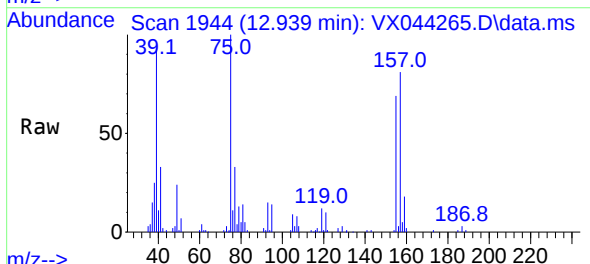
Reviewed By :John Carlone 12/13/2024

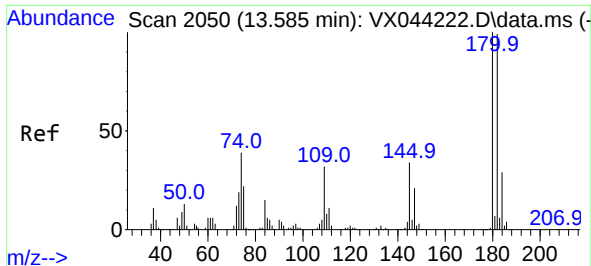
Supervised By :Mahesh Dadoda 12/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.493 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Tgt Ion: 75 Resp: 22898
Ion Ratio Lower Upper
75 100
155 70.8 38.1 114.3
157 93.1 47.2 141.6





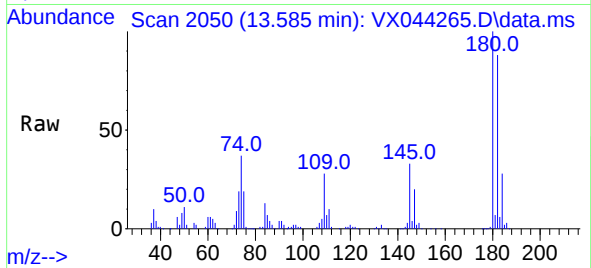
#93
1,2,4-Trichlorobenzene
Concen: 51.653 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



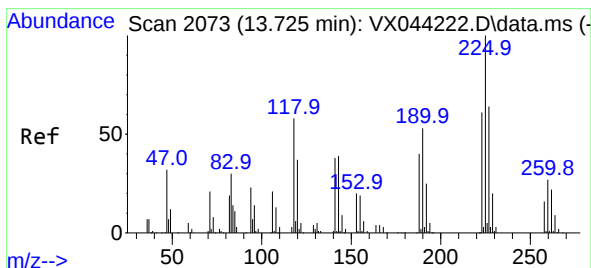
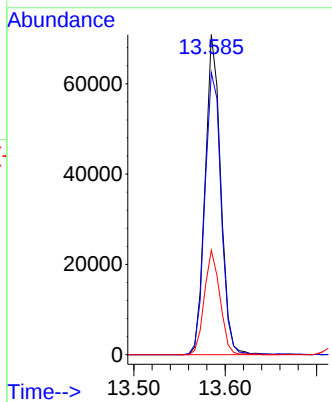
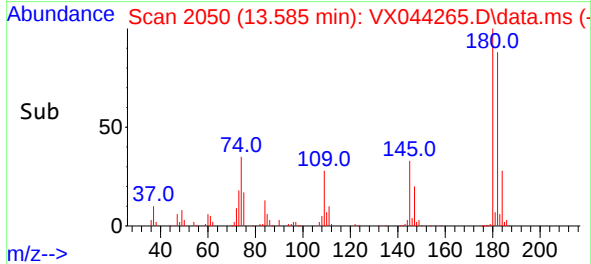
Tgt Ion:180 Resp: 83769
Ion Ratio Lower Upper
180 100
182 92.3 48.0 144.2
145 32.7 16.6 49.7

Manual Integrations

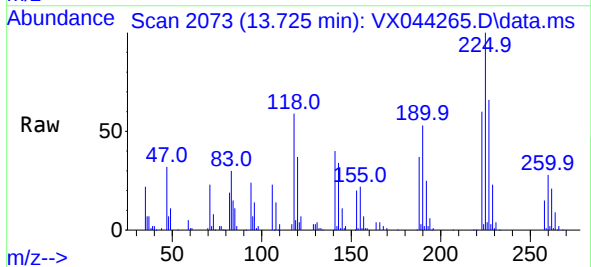
APPROVED

Reviewed By :John Carlone 12/13/2024

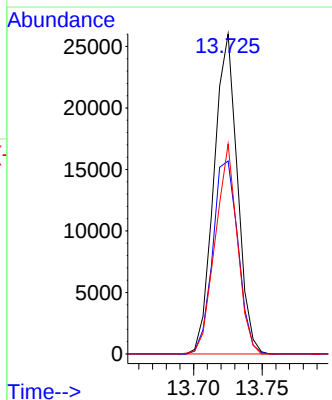
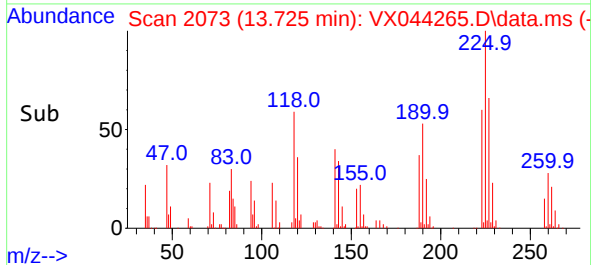
Supervised By :Mahesh Dadoda 12/13/2024

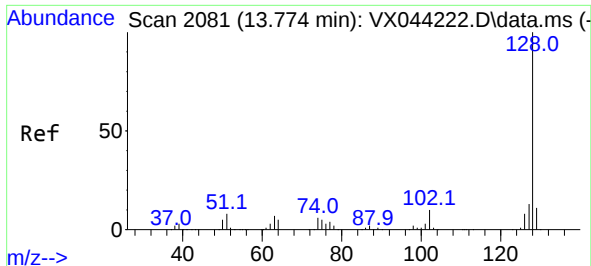


#94
Hexachlorobutadiene
Concen: 47.451 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



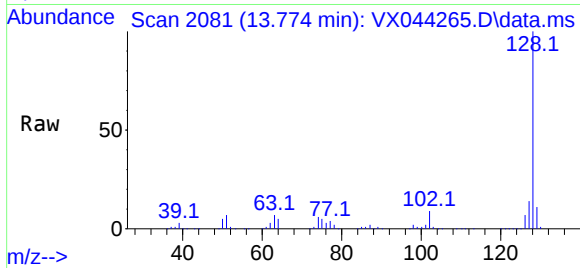
Tgt Ion:225 Resp: 30954
Ion Ratio Lower Upper
225 100
223 64.9 30.8 92.4
227 61.7 32.1 96.3





#95
Naphthalene
Concen: 49.446 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11

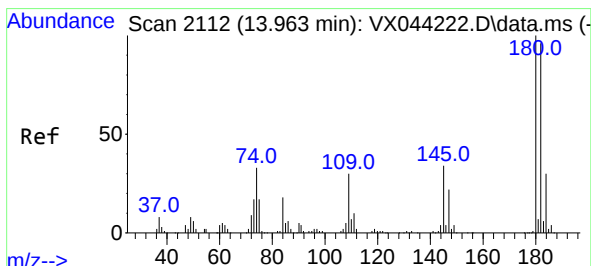
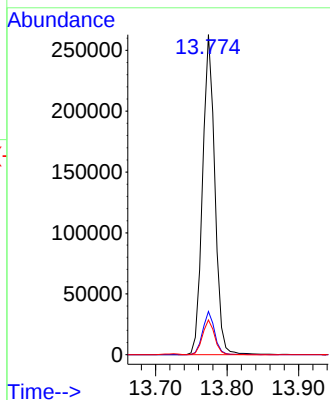
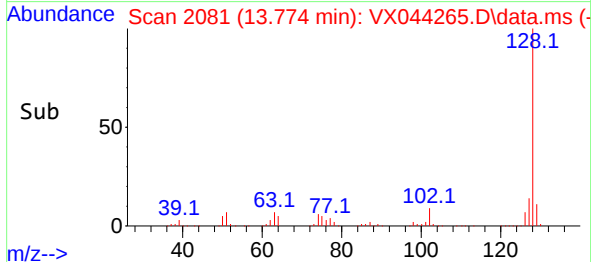
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



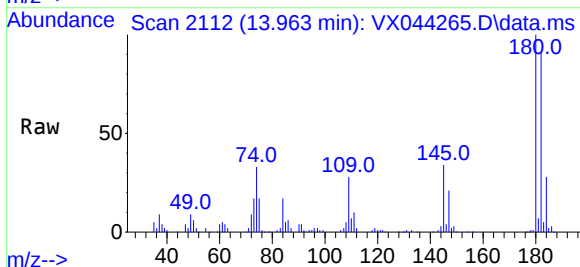
Tgt Ion:128 Resp: 31301
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.658 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044265.D
Acq: 12 Dec 2024 20:11



Tgt Ion:180 Resp: 85419
Ion Ratio Lower Upper
180 100
182 92.0 48.0 144.0
145 35.7 17.7 53.1

