

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044197.D
 Acq On : 10 Dec 2024 10:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 01:25:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	121082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	187191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91127	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	106260	51.166	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.340%
35) Dibromofluoromethane	5.379	113	79263	52.308	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.620%
50) Toluene-d8	8.647	98	268167	51.339	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.680%
62) 4-Bromofluorobenzene	11.079	95	97578	54.890	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.780%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	63839	41.618	ug/l	97
3) Chloromethane	1.294	50	68950	42.716	ug/l	99
4) Vinyl Chloride	1.374	62	76098	44.323	ug/l	99
5) Bromomethane	1.593	94	55134	52.201	ug/l	97
6) Chloroethane	1.660	64	51361	49.095	ug/l	98
7) Trichlorofluoromethane	1.867	101	171671	55.927	ug/l	100
8) Diethyl Ether	2.130	74	56553	50.549	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	73331	50.083	ug/l	98
10) Methyl Iodide	2.441	142	90454	49.465	ug/l	97
11) Tert butyl alcohol	2.995	59	83857	251.566	ug/l	97
12) 1,1-Dichloroethene	2.306	96	64019	45.885	ug/l	97
13) Acrolein	2.233	56	101837	289.842	ug/l	97
14) Allyl chloride	2.654	41	115018	50.451	ug/l	97
15) Acrylonitrile	3.068	53	227165	279.648	ug/l	99
16) Acetone	2.386	43	277283	290.702	ug/l	99
17) Carbon Disulfide	2.495	76	116422	40.453	ug/l	99
18) Methyl Acetate	2.703	43	123713	55.695	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	270415	53.378	ug/l	99
20) Methylene Chloride	2.782	84	77152	47.664	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	69426	48.196	ug/l	99
22) Diisopropyl ether	3.763	45	258512	53.030	ug/l	97
23) Vinyl Acetate	3.721	43	1139264	273.194	ug/l	99
24) 1,1-Dichloroethane	3.599	63	142627	50.716	ug/l	100
25) 2-Butanone	4.562	43	363724	295.530	ug/l	99
26) 2,2-Dichloropropane	4.465	77	132529	52.181	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	90693	50.935	ug/l	98
28) Bromochloromethane	4.891	49	59174	47.802	ug/l	96
29) Tetrahydrofuran	5.007	42	209149	277.191	ug/l	99
30) Chloroform	5.086	83	156932	51.884	ug/l	99
31) Cyclohexane	5.452	56	111927	48.357	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	138440	53.075	ug/l	99
36) 1,1-Dichloropropene	5.684	75	97232	51.492	ug/l	98
37) Ethyl Acetate	4.715	43	134827	57.521	ug/l	98
38) Carbon Tetrachloride	5.672	117	112117	52.842	ug/l	96
39) Methylcyclohexane	7.373	83	123359	50.287	ug/l	97
40) Benzene	6.031	78	296645	50.434	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044197.D
 Acq On : 10 Dec 2024 10:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 01:25:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	68558	57.147	ug/l	94
42) 1,2-Dichloroethane	6.080	62	126793	53.674	ug/l	100
43) Isopropyl Acetate	6.336	43	212244	56.898	ug/l	99
44) Trichloroethene	7.117	130	75985	45.635	ug/l	92
45) 1,2-Dichloropropane	7.427	63	77311	53.666	ug/l	97
46) Dibromomethane	7.580	93	62367	54.728	ug/l	99
47) Bromodichloromethane	7.818	83	115501	56.513	ug/l	99
48) Methyl methacrylate	7.690	41	99017	55.319	ug/l	98
49) 1,4-Dioxane	7.659	88	28446	892.162	ug/l #	74
51) 4-Methyl-2-Pentanone	8.574	43	696425	305.931	ug/l	100
52) Toluene	8.714	92	189268	53.762	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	120064	57.607	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	125311	54.845	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	80926	55.687	ug/l	96
56) Ethyl methacrylate	9.116	69	134754	59.532	ug/l	100
57) 1,3-Dichloropropane	9.305	76	135605	55.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	314332	253.403	ug/l	99
59) 2-Hexanone	9.427	43	545883	319.041	ug/l	100
60) Dibromochloromethane	9.519	129	85107	58.369	ug/l	99
61) 1,2-Dibromoethane	9.610	107	85669	58.300	ug/l	96
64) Tetrachloroethene	9.269	164	62970	51.016	ug/l	98
65) Chlorobenzene	10.079	112	214102	52.077	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	76789	57.592	ug/l	96
67) Ethyl Benzene	10.189	91	378463	54.326	ug/l	99
68) m/p-Xylenes	10.299	106	281005	108.164	ug/l	99
69) o-Xylene	10.640	106	139928	55.165	ug/l	98
70) Styrene	10.652	104	235876	56.223	ug/l	98
71) Bromoform	10.799	173	53151	52.273	ug/l #	98
73) Isopropylbenzene	10.963	105	368919	52.666	ug/l	99
74) N-amyl acetate	10.841	43	186542	57.486	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	129580	54.025	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	110467m	55.278	ug/l	
77) Bromobenzene	11.195	156	86985	52.056	ug/l	98
78) n-propylbenzene	11.305	91	423839	54.176	ug/l	99
79) 2-Chlorotoluene	11.360	91	259490	52.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	310149	53.818	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38314	52.317	ug/l	97
82) 4-Chlorotoluene	11.451	91	301801	54.037	ug/l	99
83) tert-Butylbenzene	11.713	119	316356	55.384	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	313218	54.591	ug/l	99
85) sec-Butylbenzene	11.890	105	388872	55.564	ug/l	100
86) p-Isopropyltoluene	12.006	119	325073	57.182	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	159843	52.521	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	160310	51.665	ug/l	97
89) n-Butylbenzene	12.329	91	283567	56.576	ug/l	99
90) Hexachloroethane	12.536	117	50899	52.654	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	164337	53.506	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27603	57.434	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	96701	53.404	ug/l	99
94) Hexachlorobutadiene	13.725	225	39157	54.716	ug/l	96
95) Naphthalene	13.774	128	381783	58.572	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	101647	55.461	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044197.D
Acq On : 10 Dec 2024 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

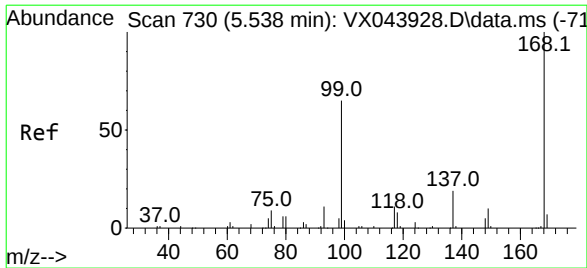
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

Quant Time: Dec 11 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

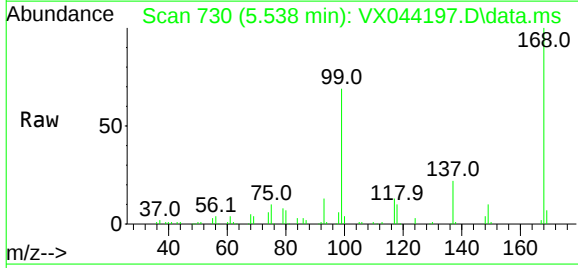
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

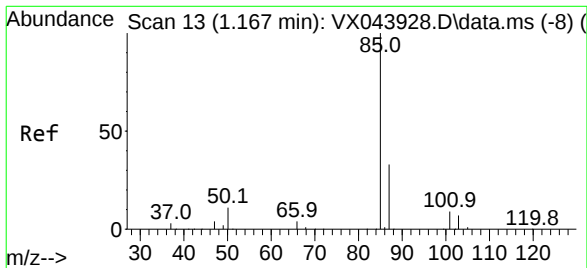
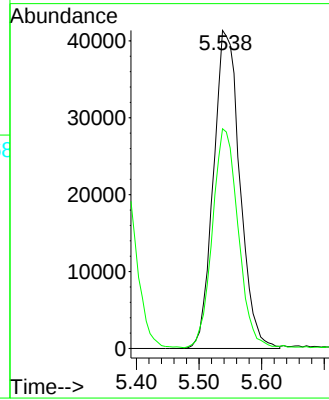
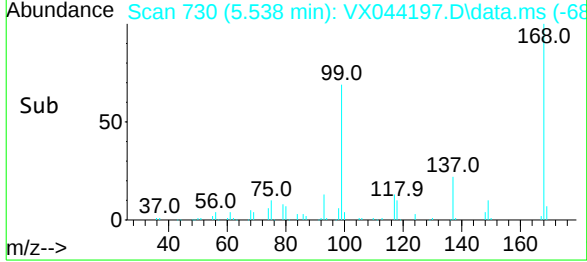
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



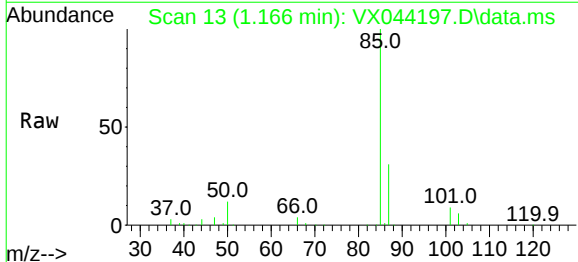
Tgt Ion: 168 Resp: 121082
Ion Ratio Lower Upper
168 100
99 68.7 51.8 77.8

Manual Integrations
APPROVED

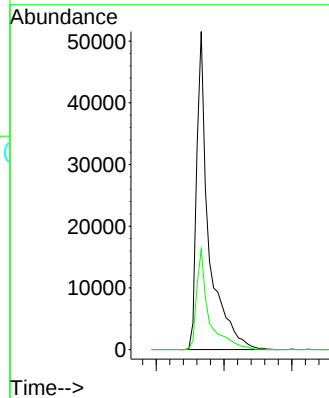
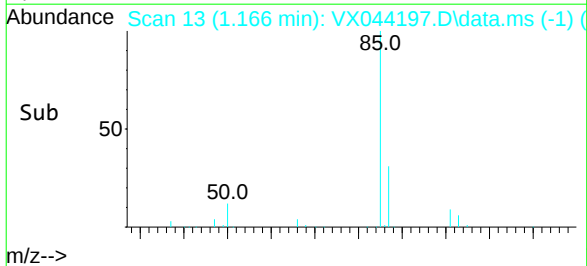
Reviewed By : John Carlone 12/11/2024
Supervised By : Mahesh Dadoda 12/11/2024

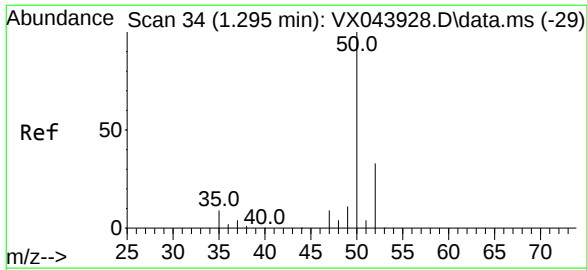


#2
Dichlorodifluoromethane
Concen: 41.618 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43



Tgt Ion: 85 Resp: 63839
Ion Ratio Lower Upper
85 100
87 31.4 16.6 49.8





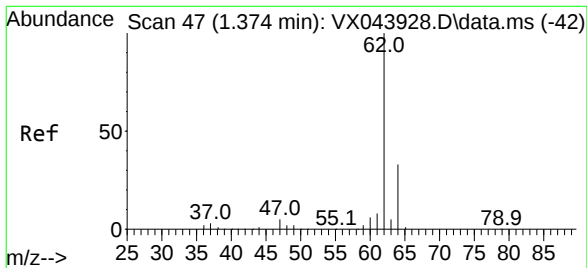
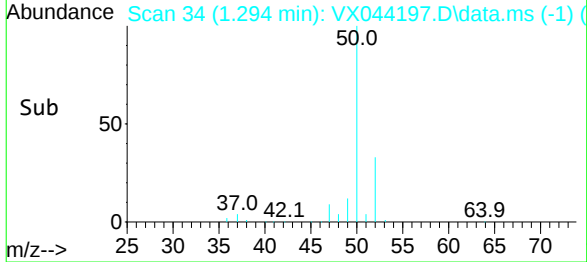
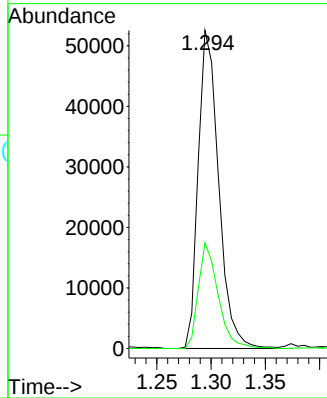
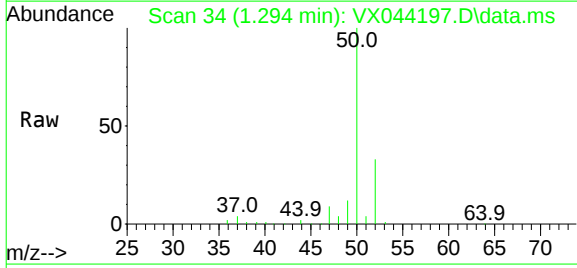
#3
Chloromethane
Concen: 42.716 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 68950
Ion Ratio Lower Upper
50 100
52 33.2 26.1 39.1

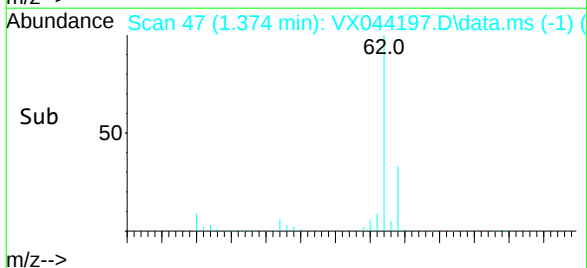
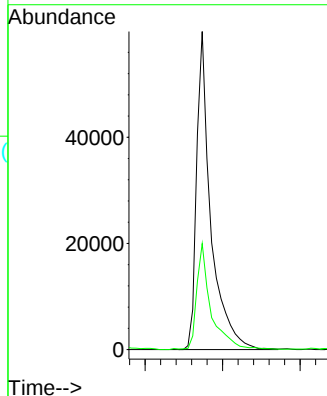
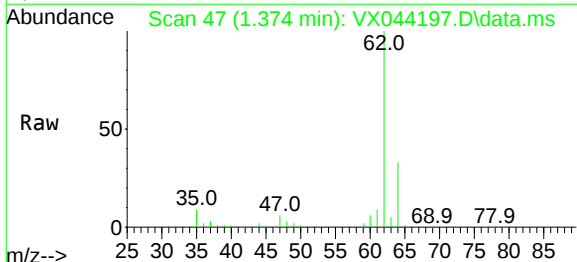
Manual Integrations
APPROVED

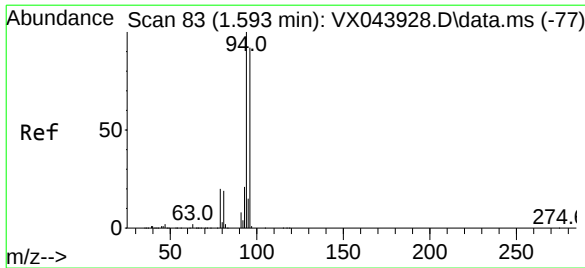
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#4
Vinyl Chloride
Concen: 44.323 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion: 62 Resp: 76098
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.4





#5

Bromomethane

Concen: 52.201 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 55134

Ion Ratio Lower Upper

94 100

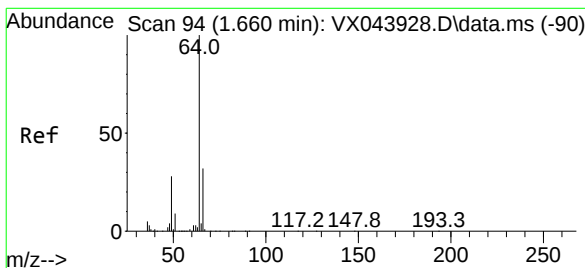
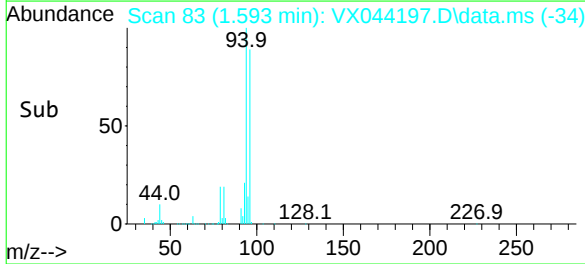
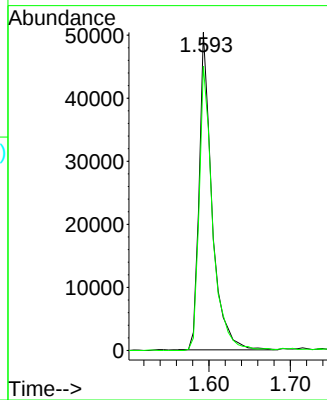
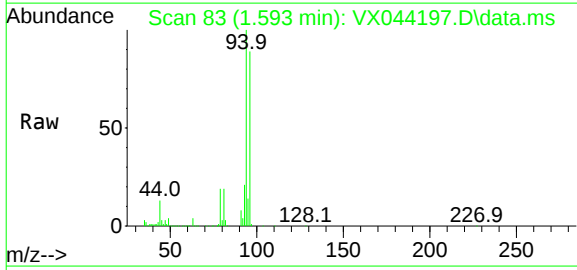
96 89.6 73.9 110.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#6

Chloroethane

Concen: 49.095 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.000 min

Lab File: VX044197.D

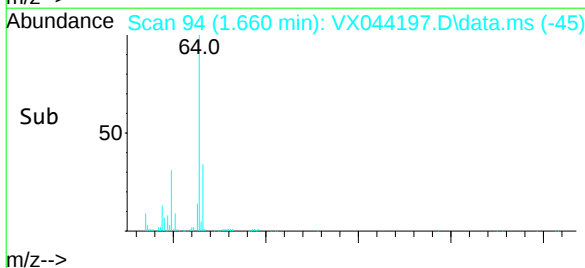
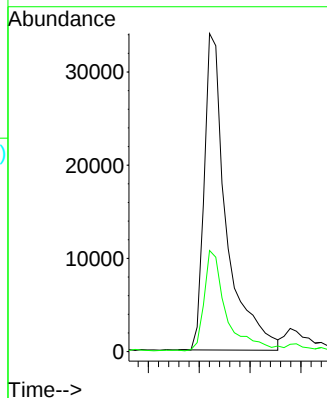
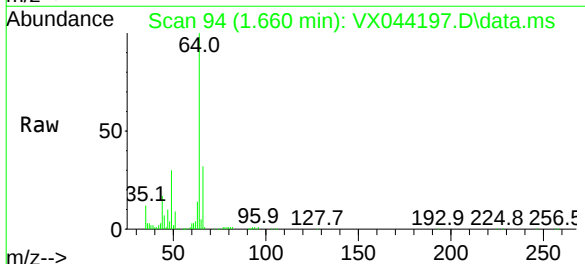
Acq: 10 Dec 2024 10:43

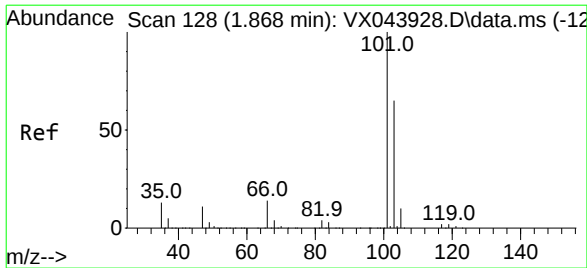
Tgt Ion: 64 Resp: 51361

Ion Ratio Lower Upper

64 100

66 31.5 25.9 38.9





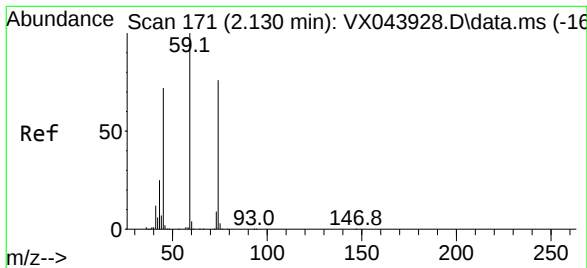
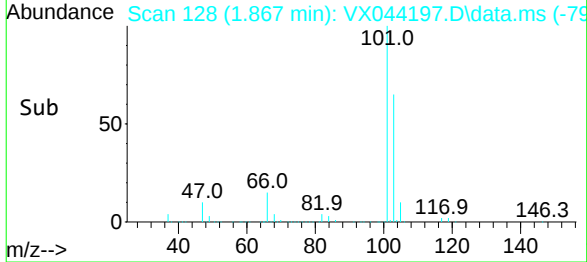
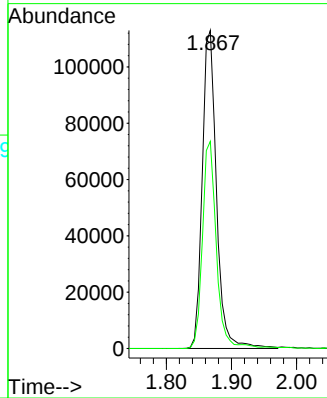
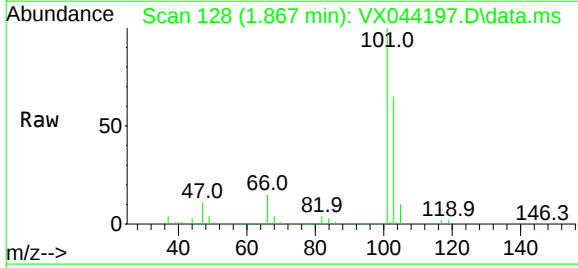
#7
 Trichlorofluoromethane
 Concen: 55.927 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044197.D
 Acq: 10 Dec 2024 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 171671
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2

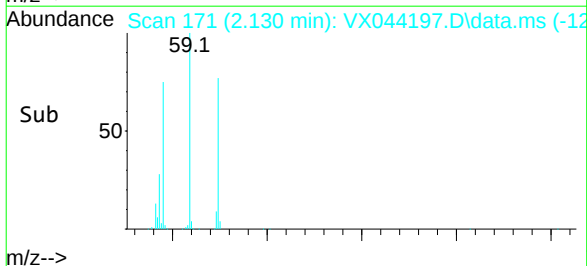
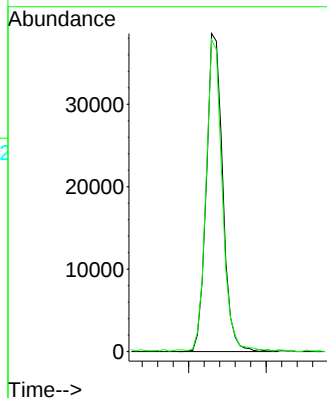
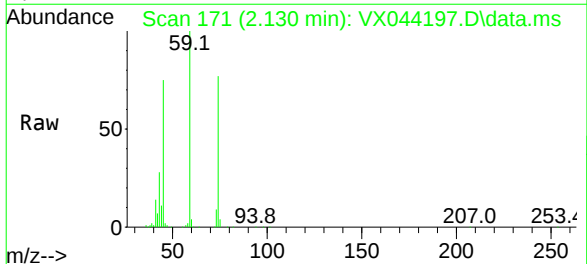
Manual Integrations
 APPROVED

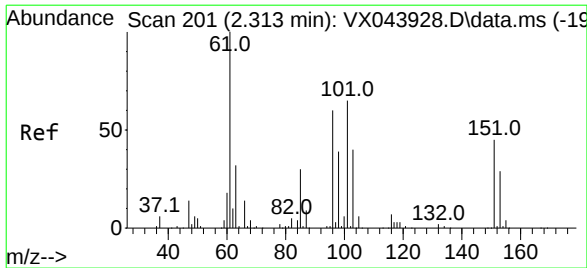
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#8
 Diethyl Ether
 Concen: 50.549 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX044197.D
 Acq: 10 Dec 2024 10:43

Tgt Ion: 74 Resp: 56553
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.9 143.6





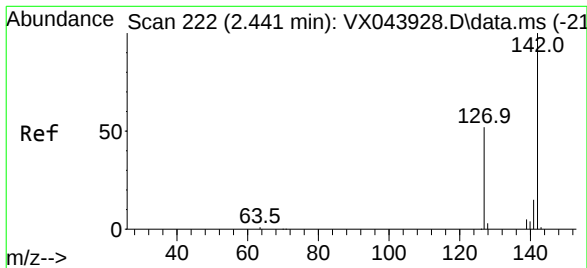
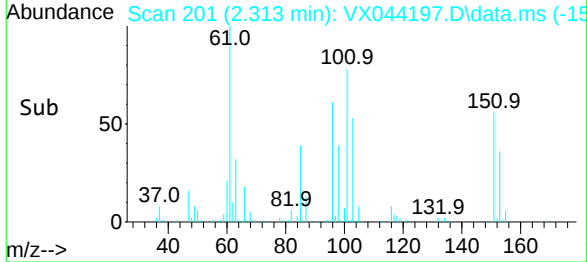
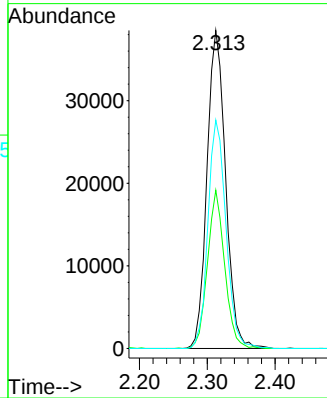
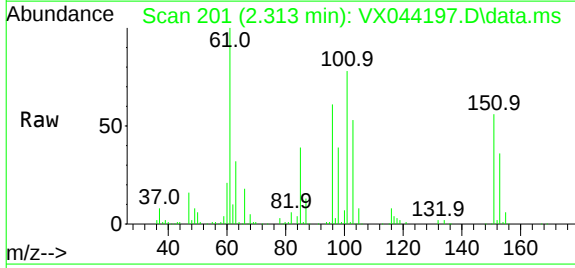
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.083 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.0	37.9	56.9
151	69.9	57.5	86.3

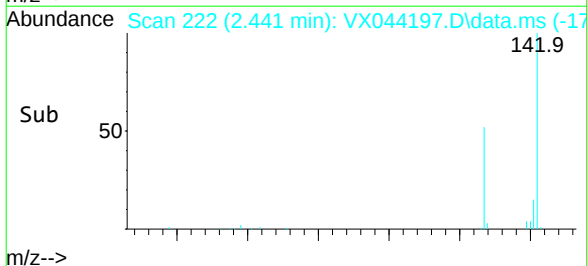
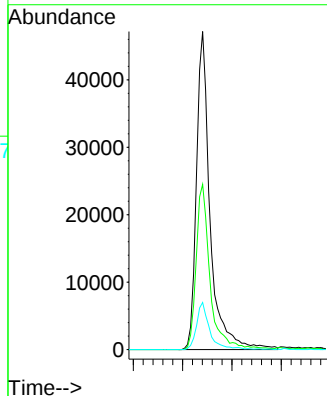
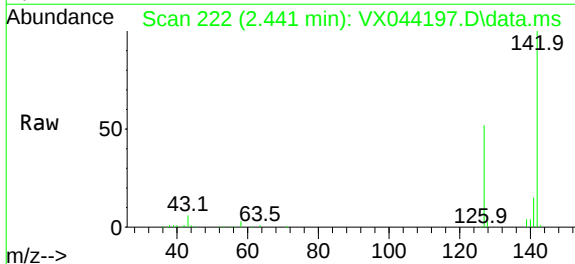
Manual Integrations
APPROVED

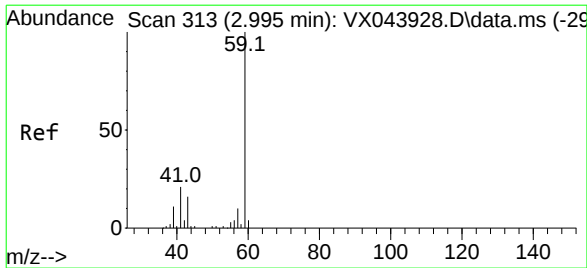
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#10
Methyl Iodide
Concen: 49.465 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

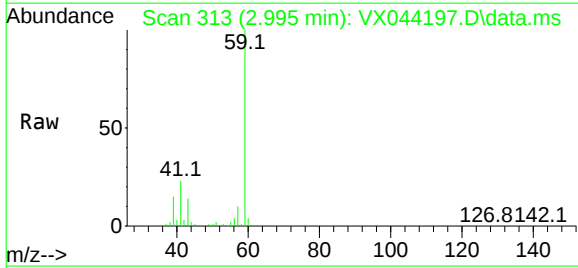
Tgt Ion	Ratio	Lower	Upper
142	100		
127	53.0	40.7	61.1
141	14.3	12.0	18.0





#11
Tert butyl alcohol
Concen: 251.566 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

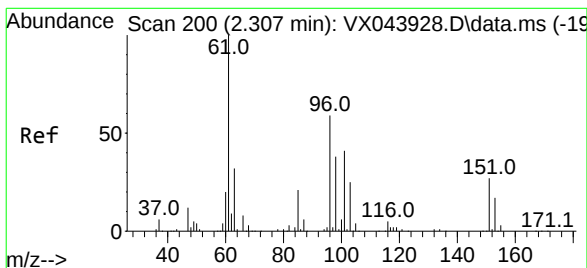
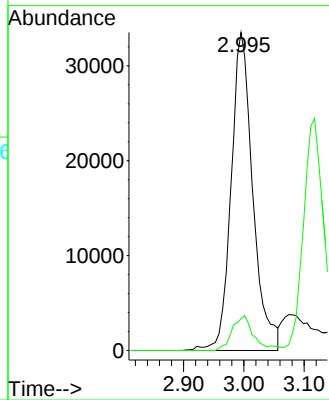
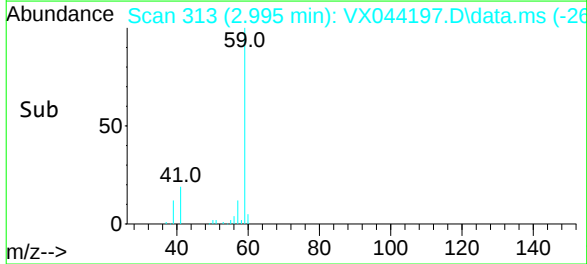
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



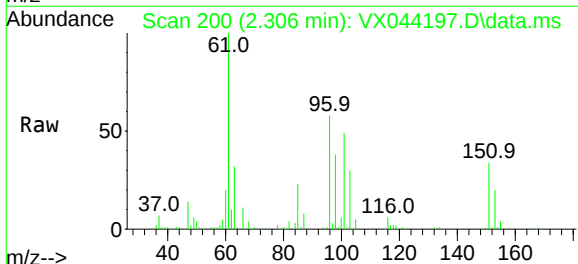
Tgt Ion: 59 Resp: 83857
Ion Ratio Lower Upper
59 100
57 10.9 7.9 11.9

Manual Integrations
APPROVED

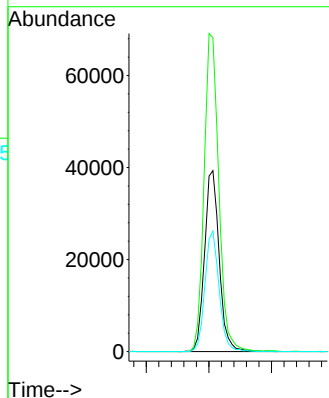
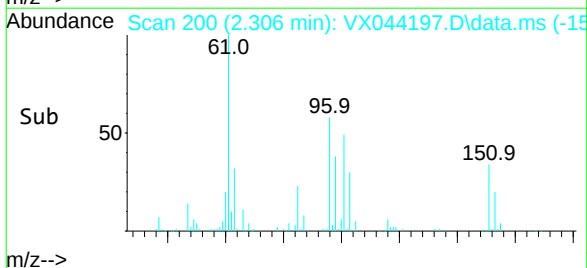
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

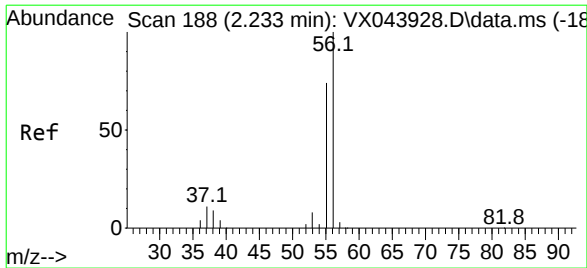


#12
1,1-Dichloroethene
Concen: 45.885 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43



Tgt Ion: 96 Resp: 64019
Ion Ratio Lower Upper
96 100
61 173.4 135.5 203.3
98 66.6 50.8 76.2





#13

Acrolein

Concen: 289.842 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 101837

Ion Ratio Lower Upper

56 100

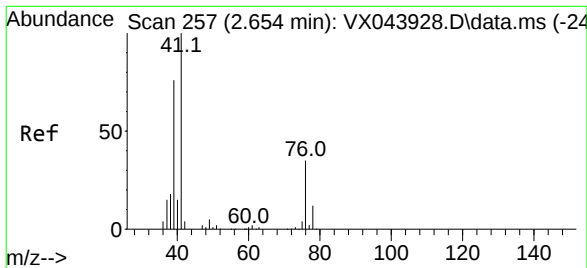
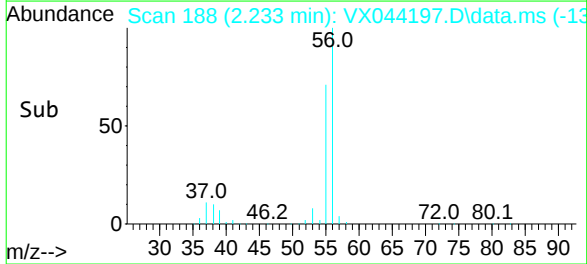
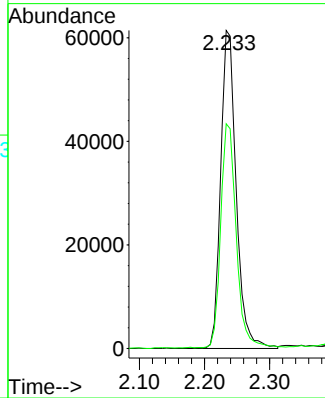
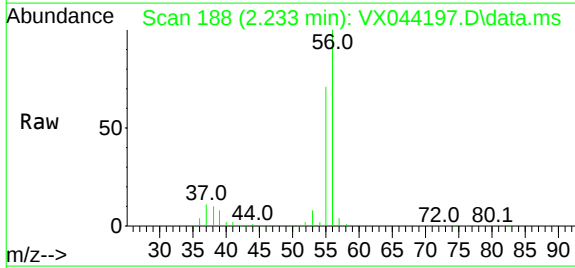
55 70.1 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#14

Allyl chloride

Concen: 50.451 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

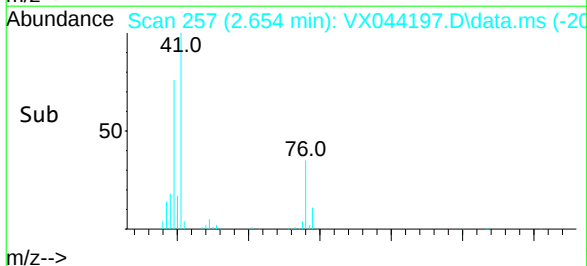
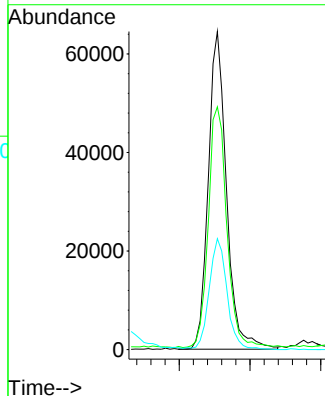
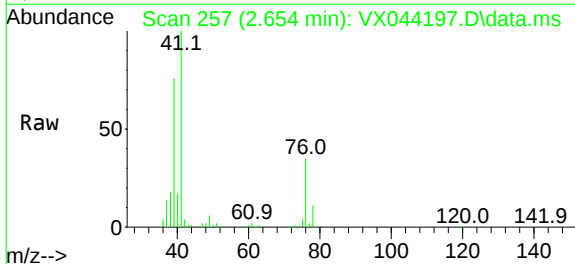
Tgt Ion: 41 Resp: 115018

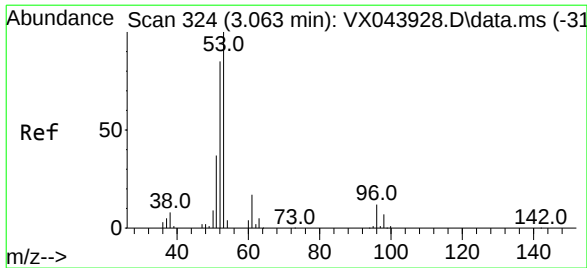
Ion Ratio Lower Upper

41 100

39 77.9 59.5 89.3

76 34.4 27.4 41.2





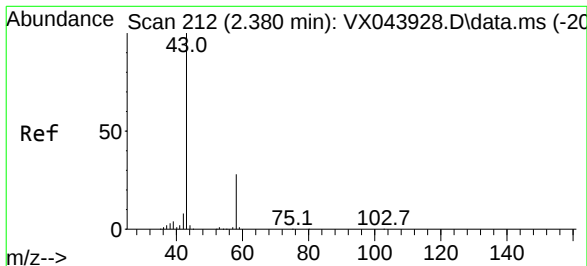
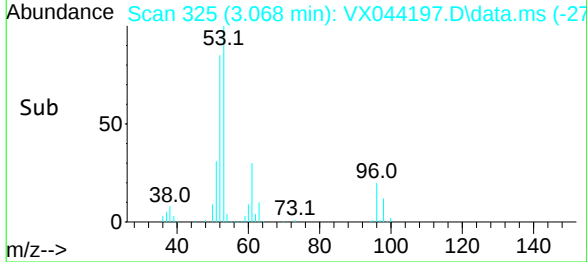
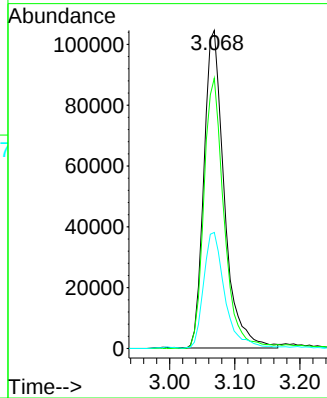
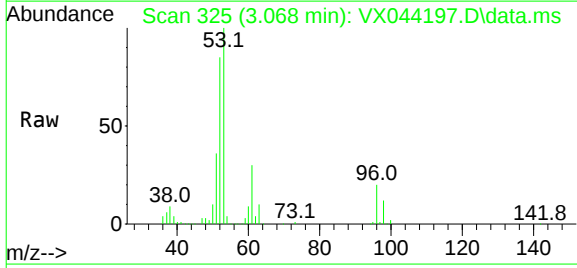
#15
Acrylonitrile
Concen: 279.648 ug/l
RT: 3.068 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 227165
Ion Ratio Lower Upper
53 100
52 83.9 66.5 99.7
51 38.1 30.2 45.4

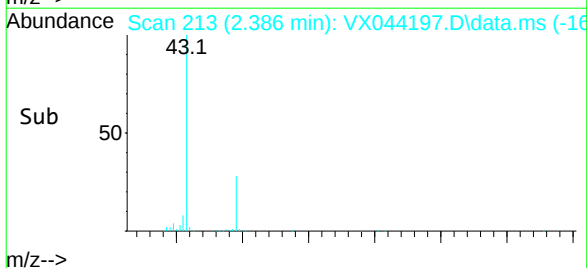
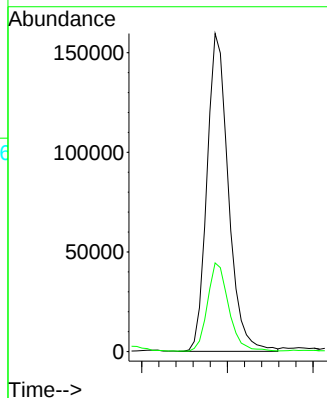
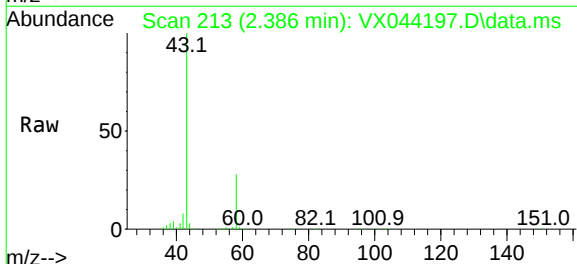
Manual Integrations
APPROVED

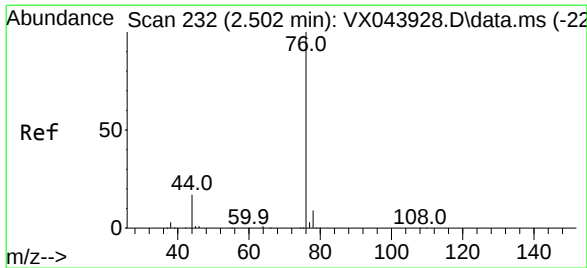
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#16
Acetone
Concen: 290.702 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion: 43 Resp: 277283
Ion Ratio Lower Upper
43 100
58 27.8 22.7 34.1





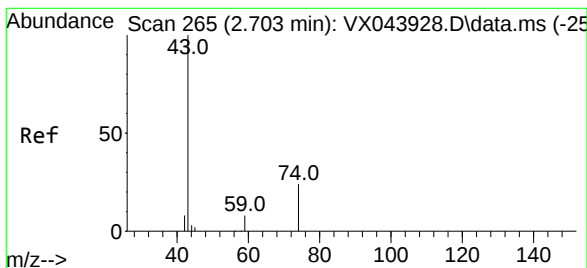
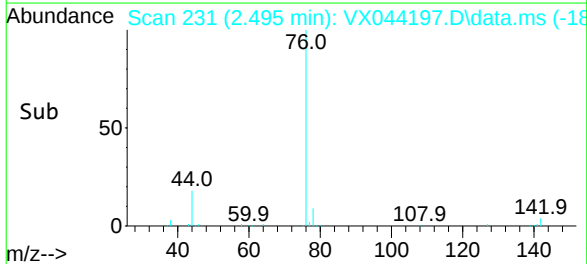
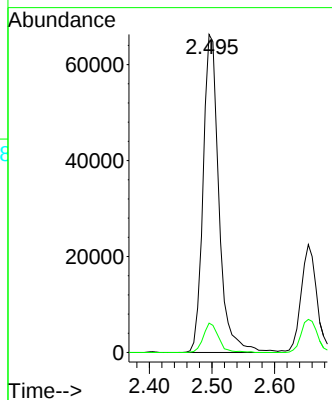
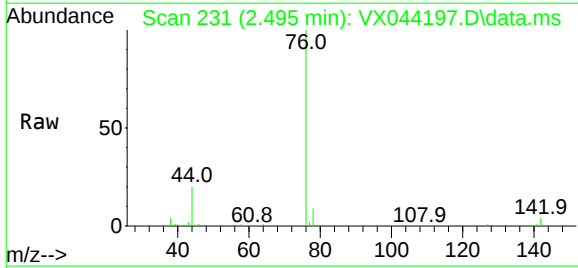
#17
Carbon Disulfide
Concen: 40.453 ug/l
RT: 2.495 min Scan# 232
Delta R.T. -0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 116422
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

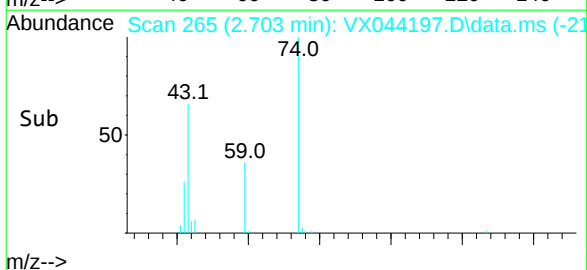
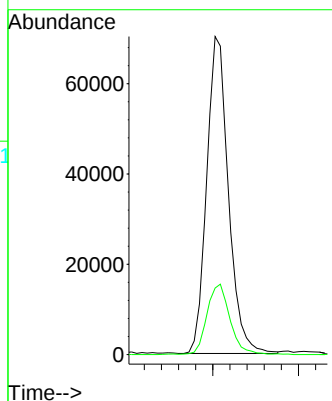
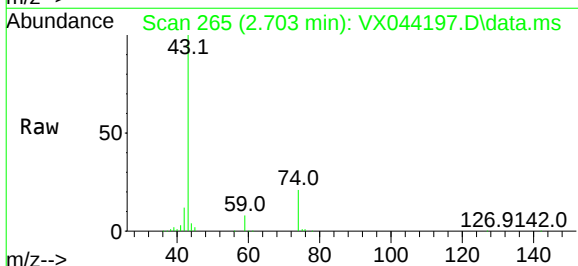
Manual Integrations
APPROVED

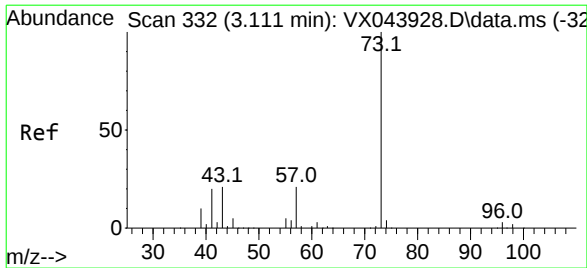
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#18
Methyl Acetate
Concen: 55.695 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion: 43 Resp: 123713
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3





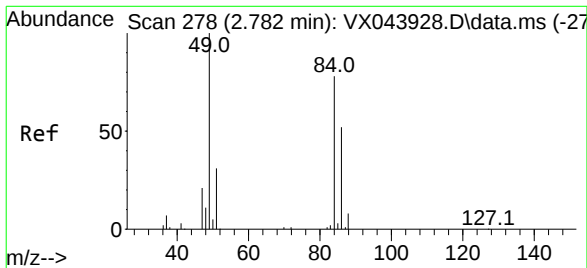
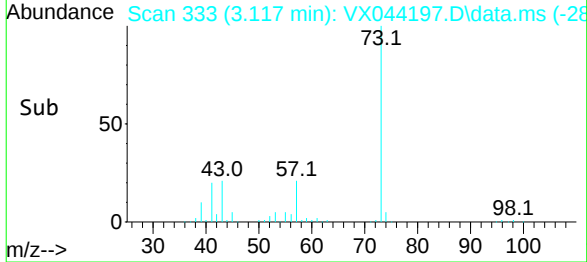
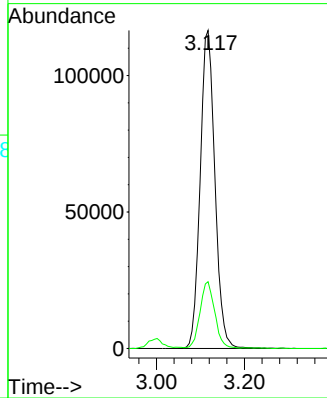
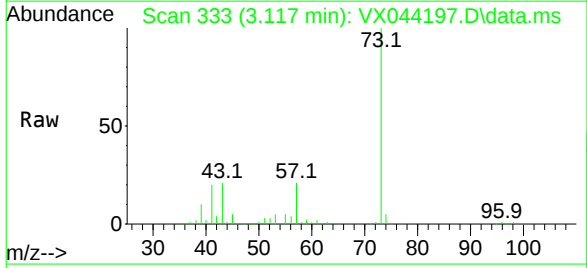
#19
Methyl tert-butyl Ether
Concen: 53.378 ug/l
RT: 3.117 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 270415
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.6

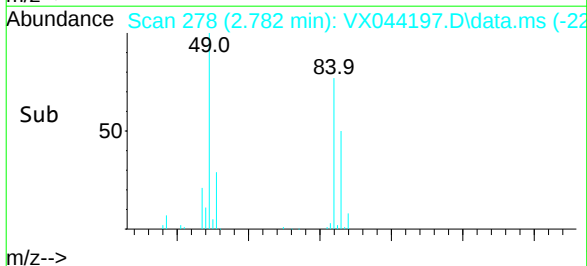
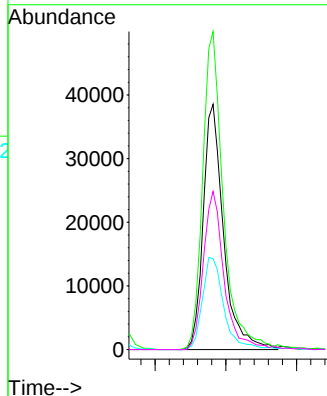
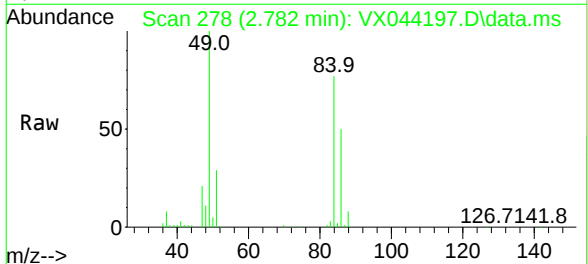
Manual Integrations
APPROVED

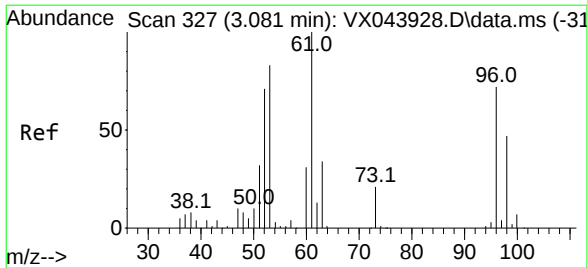
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#20
Methylene Chloride
Concen: 47.664 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

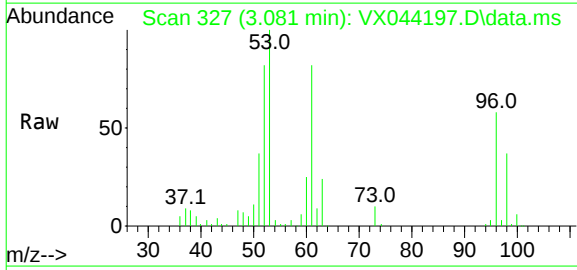
Tgt Ion: 84 Resp: 77152
Ion Ratio Lower Upper
84 100
49 129.7 102.7 154.1
51 37.1 31.7 47.5
86 64.5 53.9 80.9





#21
trans-1,2-Dichloroethene
Concen: 48.196 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

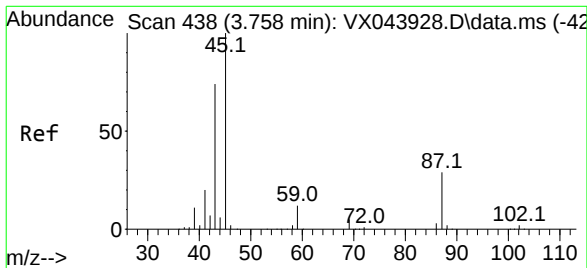
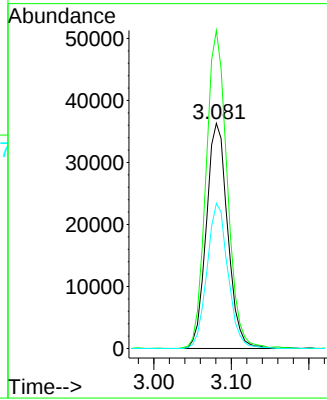
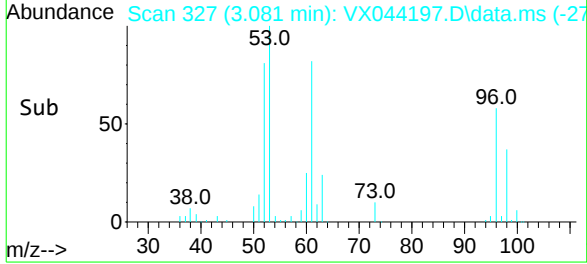
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



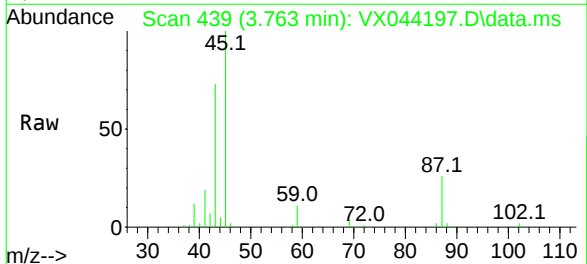
Tgt Ion: 96 Resp: 69426
Ion Ratio Lower Upper
96 100
61 141.2 111.8 167.6
98 64.4 52.7 79.1

Manual Integrations
APPROVED

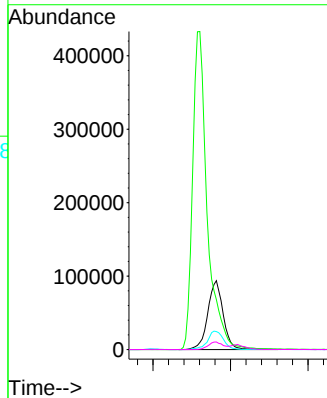
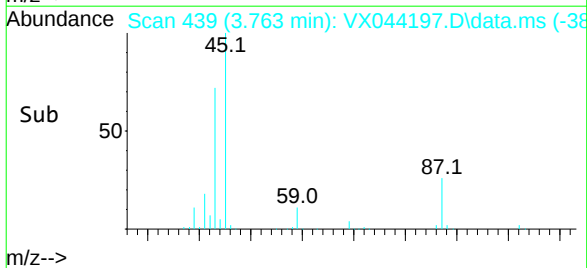
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

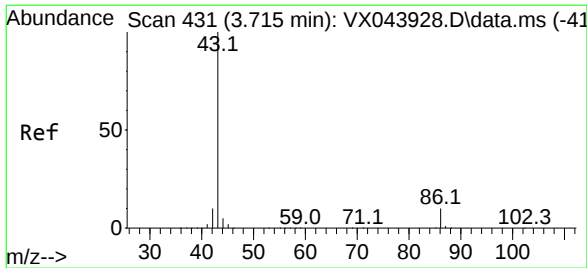


#22
Diisopropyl ether
Concen: 53.030 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43



Tgt Ion: 45 Resp: 258512
Ion Ratio Lower Upper
45 100
43 72.5 59.6 89.4
87 26.2 22.9 34.3
59 11.0 9.8 14.6





#23

Vinyl Acetate

Concen: 273.194 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1139264

Ion Ratio Lower Upper

43 100

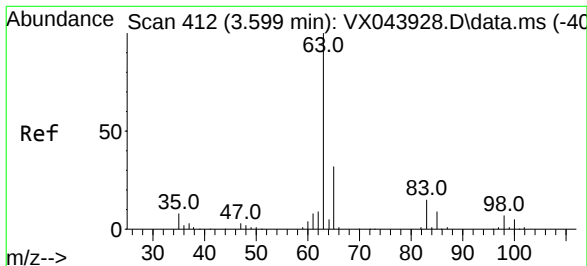
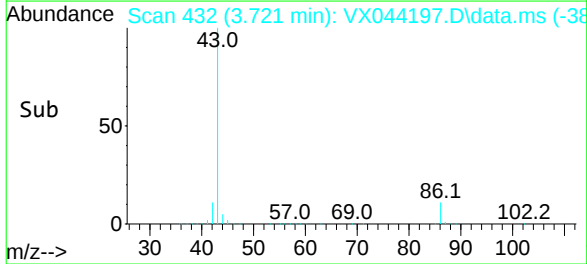
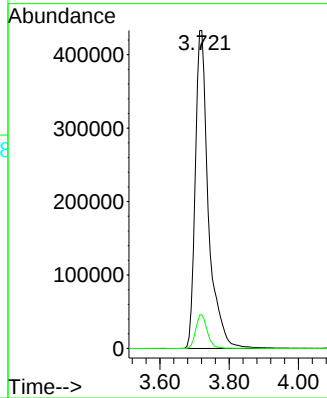
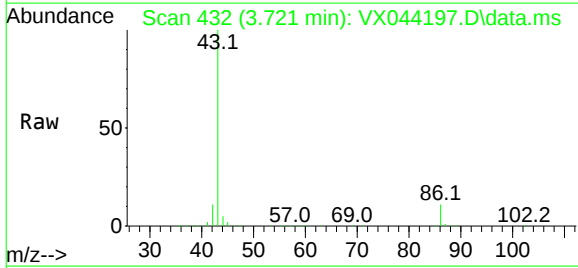
86 10.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#24

1,1-Dichloroethane

Concen: 50.716 ug/l

RT: 3.599 min Scan# 412

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

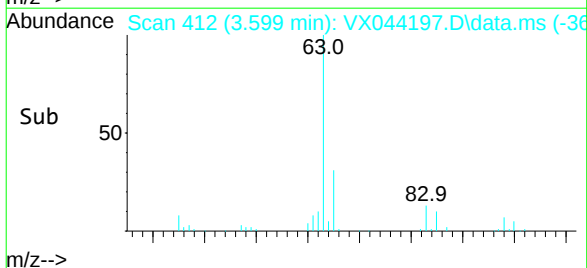
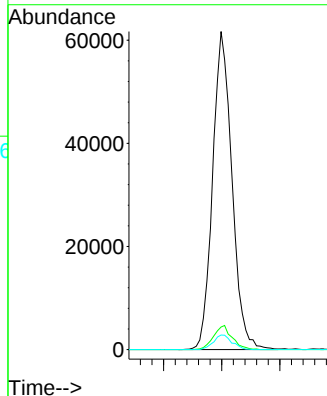
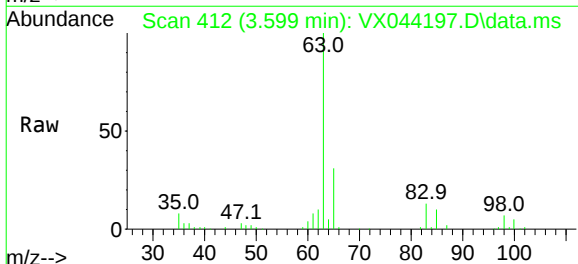
Tgt Ion: 63 Resp: 142627

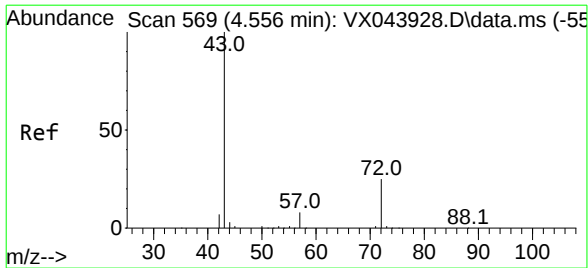
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 4.6 2.4 7.1





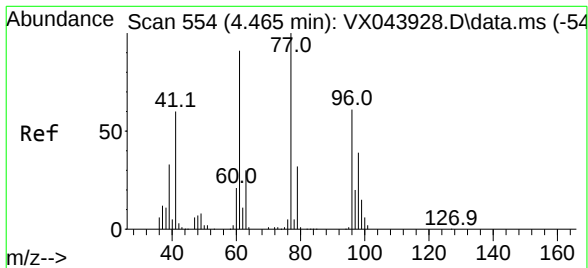
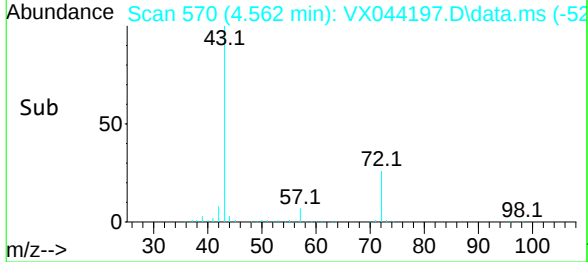
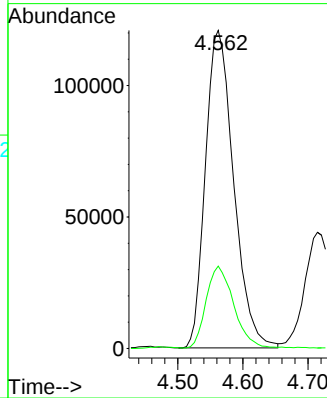
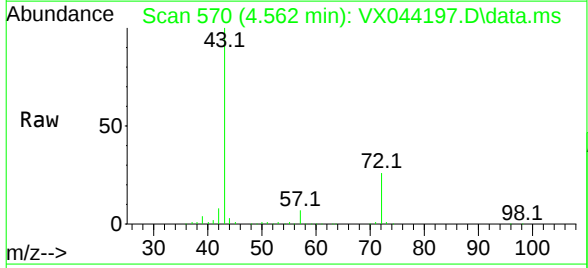
#25
2-Butanone
Concen: 295.530 ug/l
RT: 4.562 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 363724
Ion Ratio Lower Upper
43 100
72 25.7 20.2 30.2

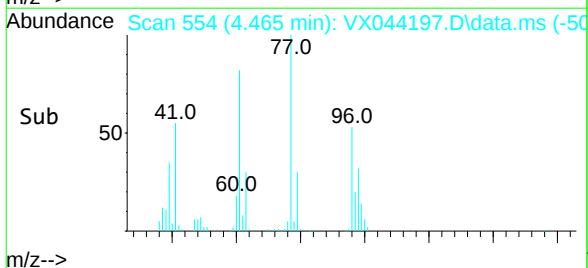
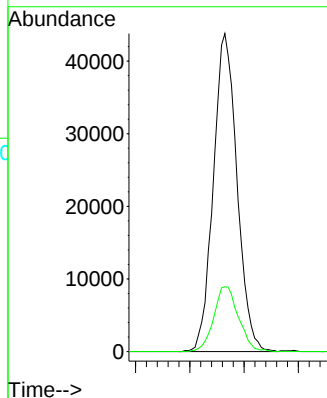
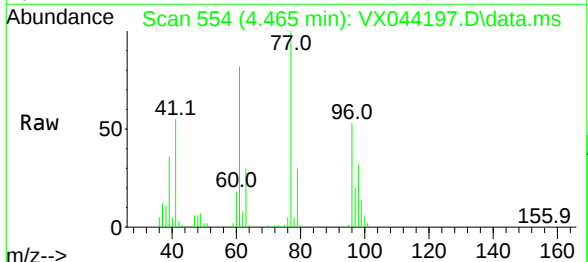
Manual Integrations
APPROVED

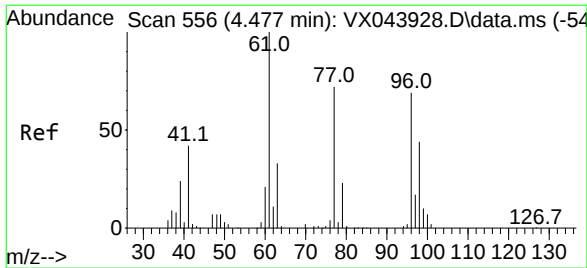
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#26
2,2-Dichloropropane
Concen: 52.181 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

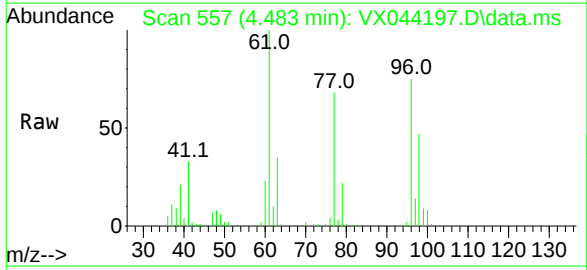
Tgt Ion: 77 Resp: 132529
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 50.935 ug/l
RT: 4.483 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

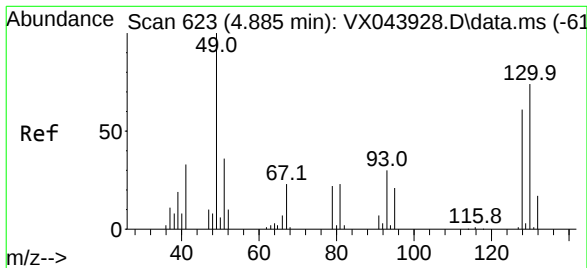
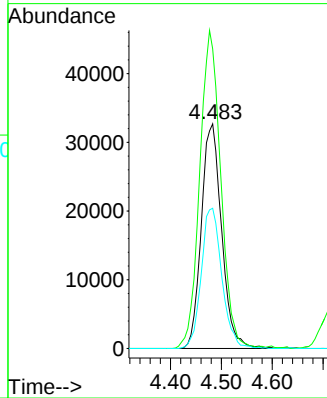
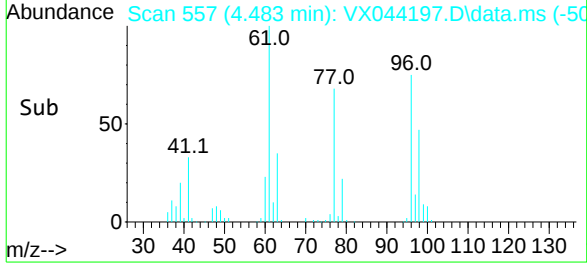
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 90693
Ion Ratio Lower Upper
96 100
61 146.4 0.0 297.4
98 63.2 0.0 127.8

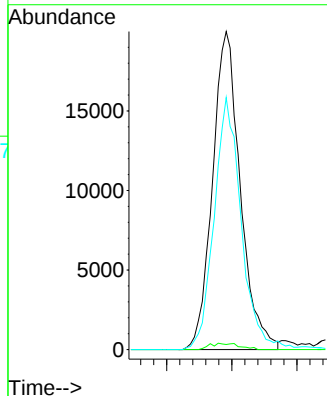
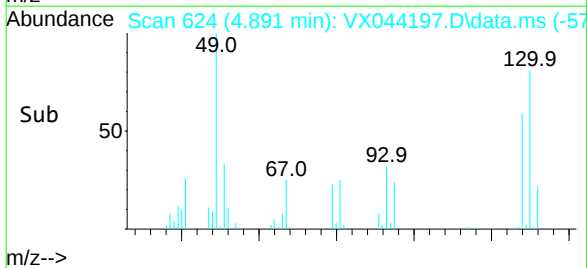
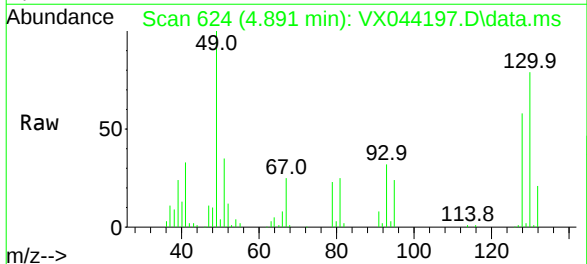
Manual Integrations
APPROVED

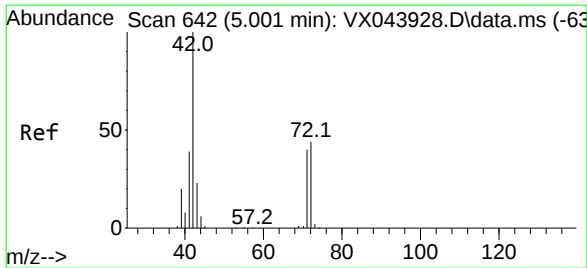
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#28
Bromochloromethane
Concen: 47.802 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion: 49 Resp: 59174
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 77.2 59.0 88.6





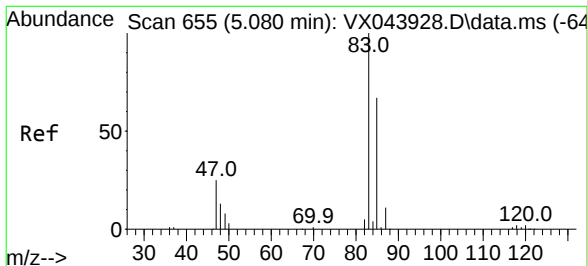
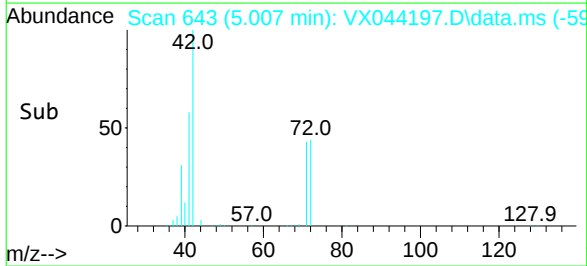
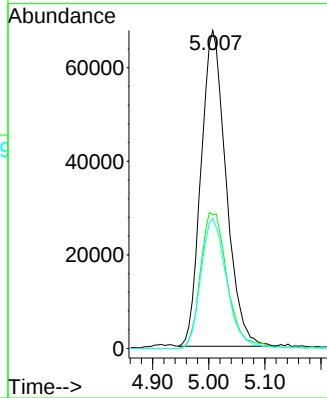
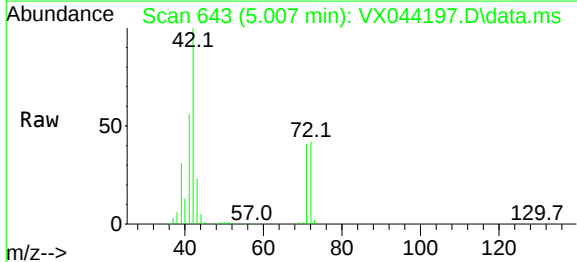
#29
Tetrahydrofuran
Concen: 277.191 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 209149
Ion Ratio Lower Upper
42 100
72 45.9 36.4 54.6
71 42.5 33.4 50.0

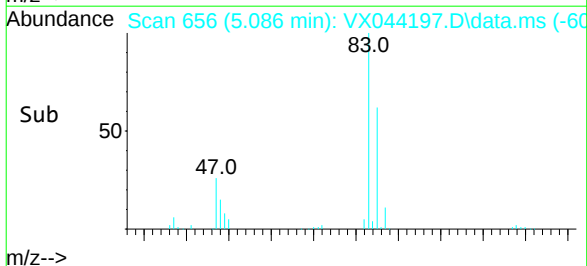
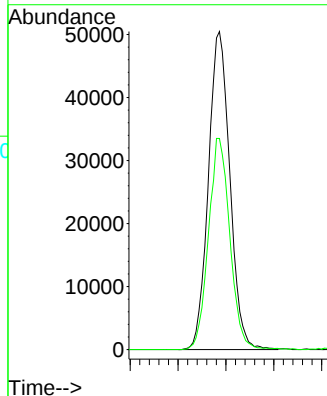
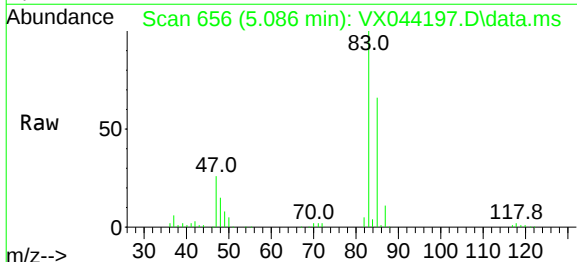
Manual Integrations
APPROVED

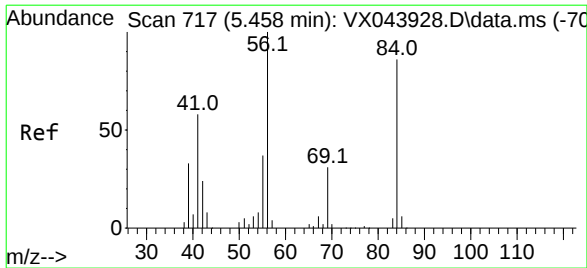
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#30
Chloroform
Concen: 51.884 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion: 83 Resp: 156932
Ion Ratio Lower Upper
83 100
85 66.4 53.5 80.3





#31

Cyclohexane

Concen: 48.357 ug/l

RT: 5.452 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 111927

Ion Ratio Lower Upper

56 100

69 29.6 24.7 37.1

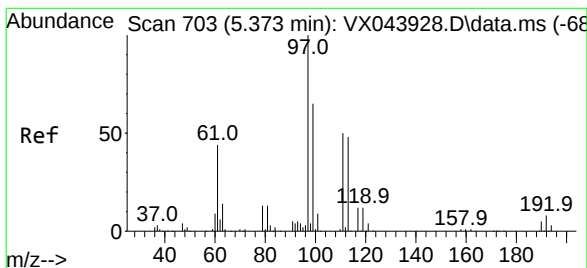
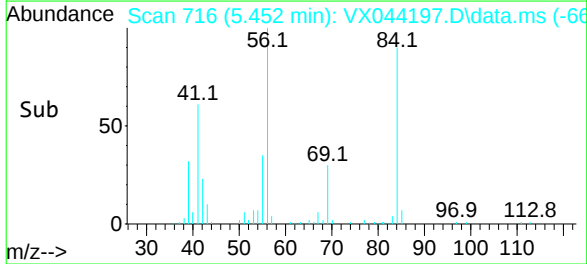
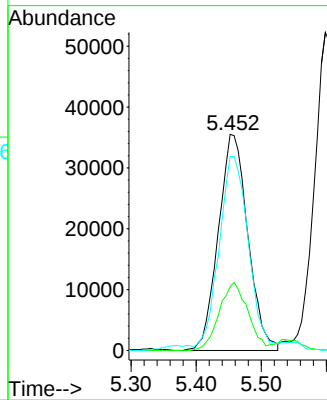
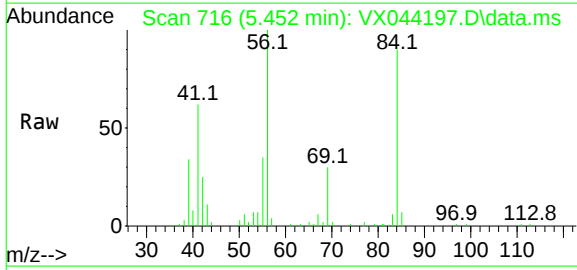
84 87.5 68.7 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#32

1,1,1-Trichloroethane

Concen: 53.075 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

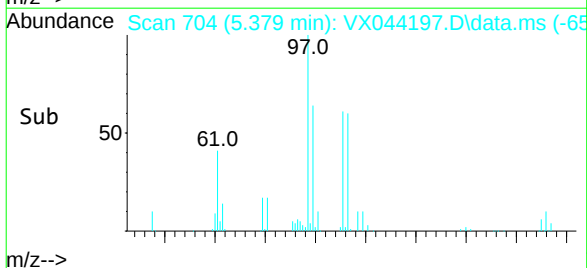
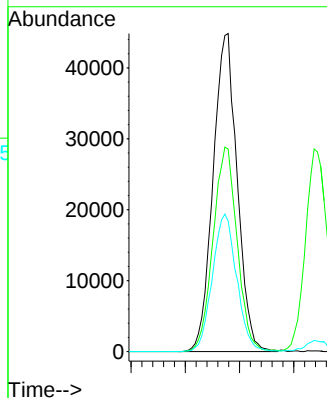
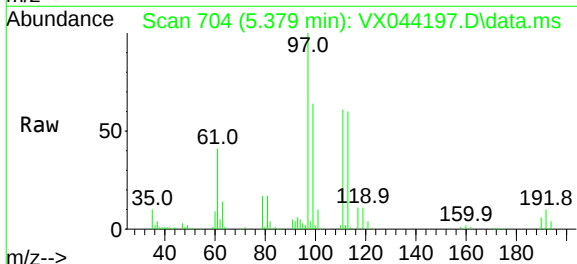
Tgt Ion: 97 Resp: 138440

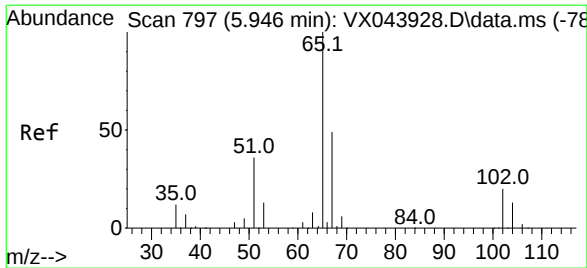
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 43.5 35.4 53.2





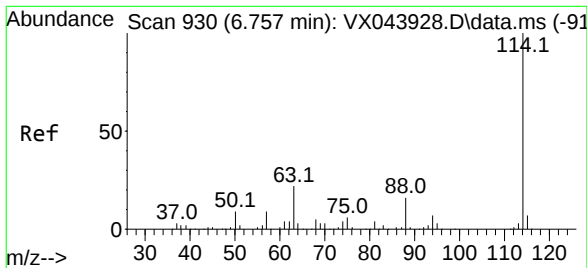
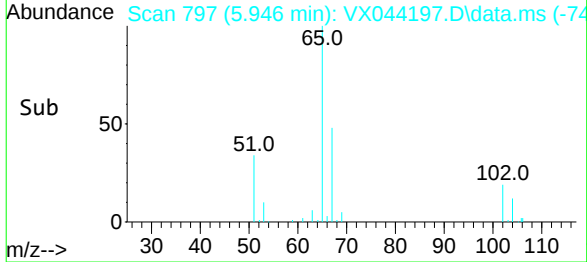
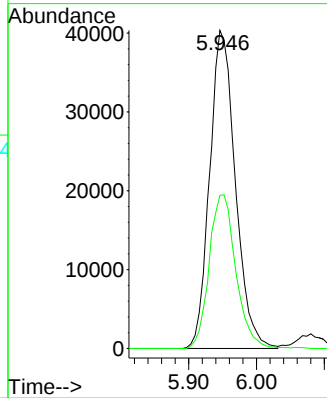
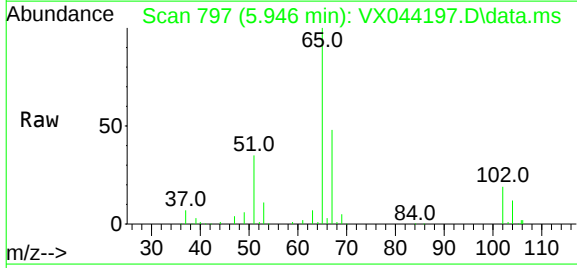
#33
1,2-Dichloroethane-d4
Concen: 51.166 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 106260
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8

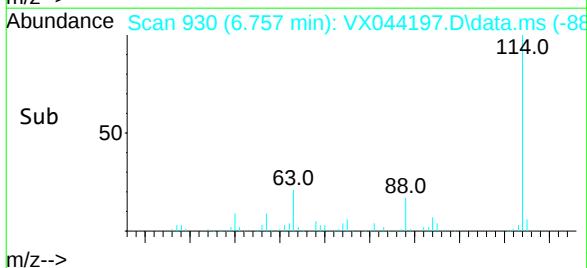
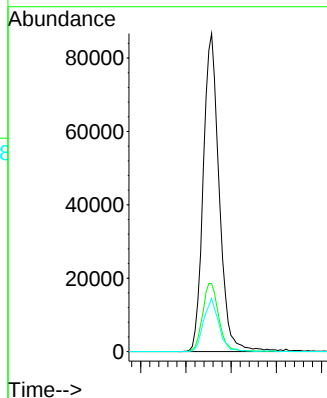
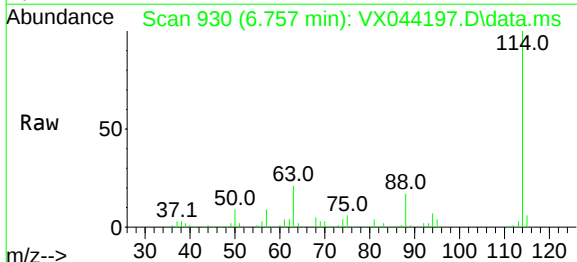
Manual Integrations
APPROVED

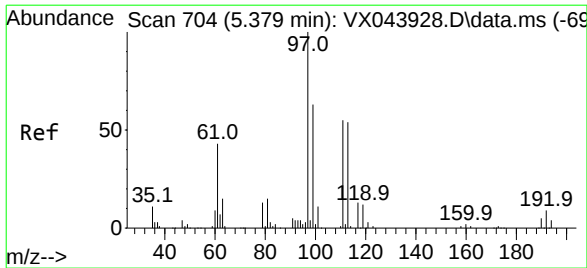
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

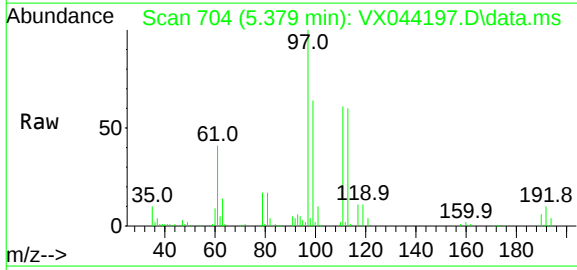
Tgt Ion:114 Resp: 212067
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.0
88 16.7 0.0 32.4





#35
Dibromofluoromethane
Concen: 52.308 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

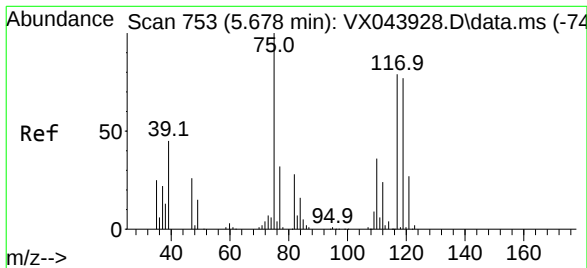
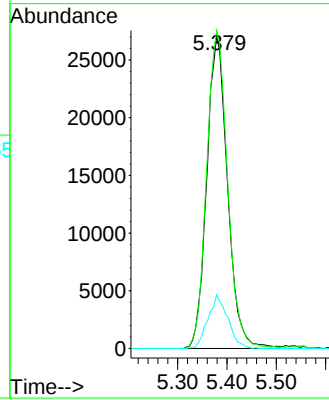
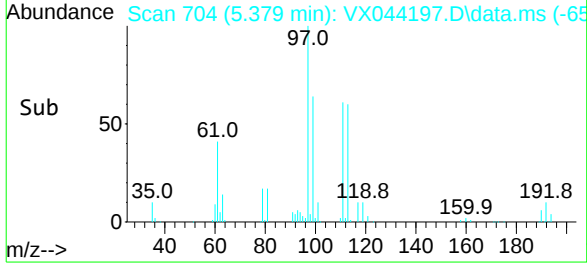
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



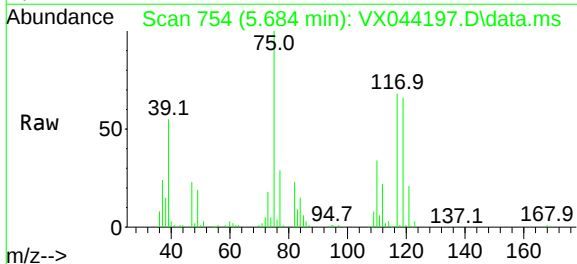
Tgt Ion: 113 Resp: 79263
Ion Ratio Lower Upper
113 100
111 102.8 81.0 121.4
192 16.4 13.0 19.6

Manual Integrations
APPROVED

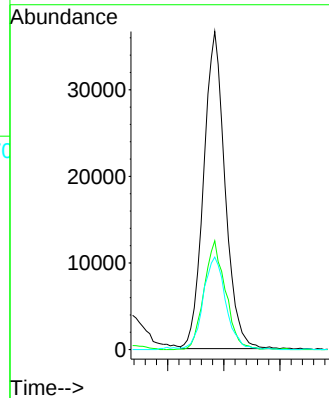
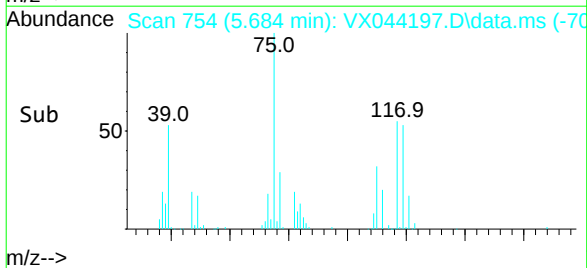
Reviewed By : John Carlone 12/11/2024
Supervised By : Mahesh Dadoda 12/11/2024

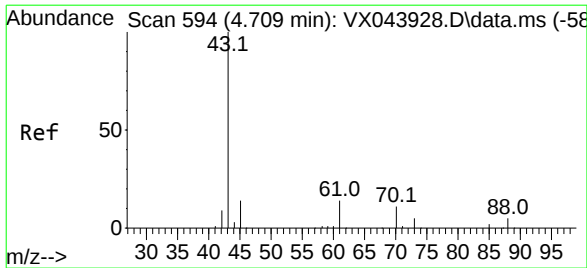


#36
1,1-Dichloropropene
Concen: 51.492 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43



Tgt Ion: 75 Resp: 97232
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.2
77 30.4 25.8 38.8





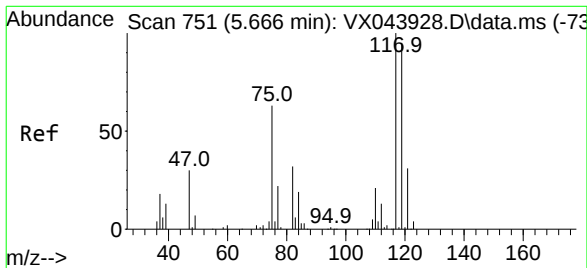
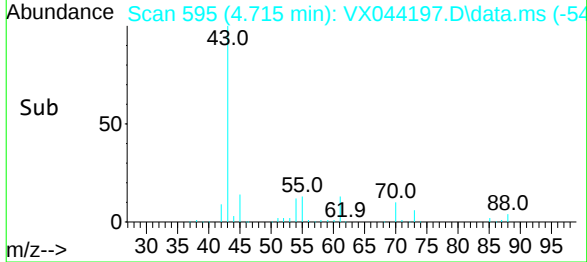
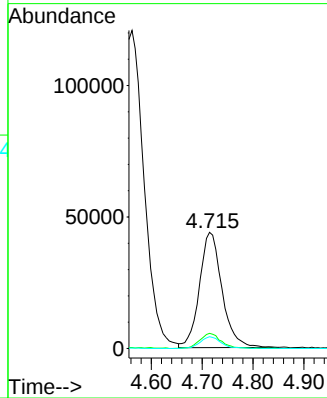
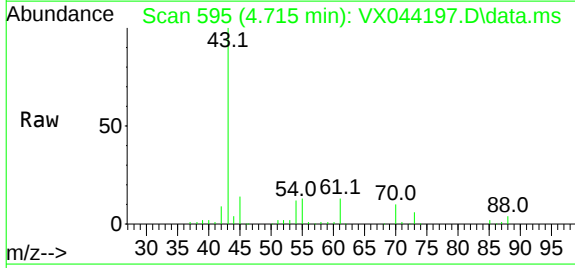
#37
Ethyl Acetate
Concen: 57.521 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43	Resp: 134827
Ion Ratio	Lower Upper
43 100	
61 12.4	10.7 16.1
70 9.4	8.0 12.0

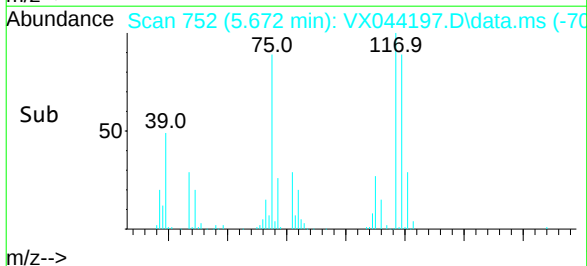
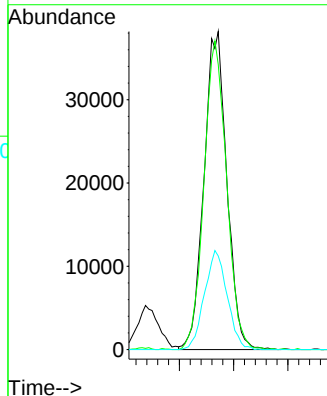
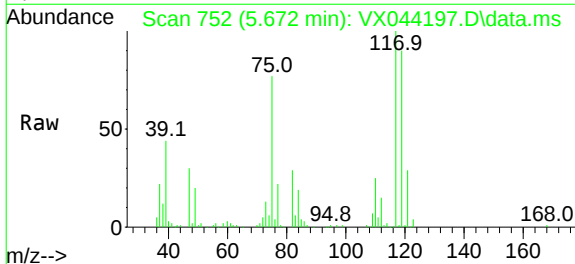
Manual Integrations
APPROVED

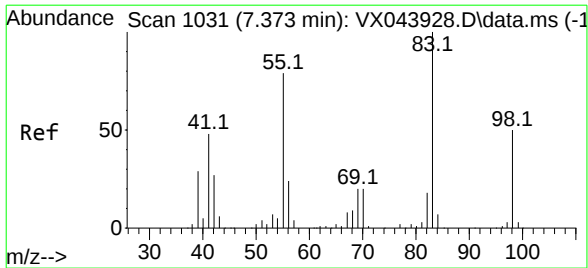
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#38
Carbon Tetrachloride
Concen: 52.842 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion:117	Resp: 112117
Ion Ratio	Lower Upper
117 100	
119 89.7	75.2 112.8
121 29.4	24.5 36.7





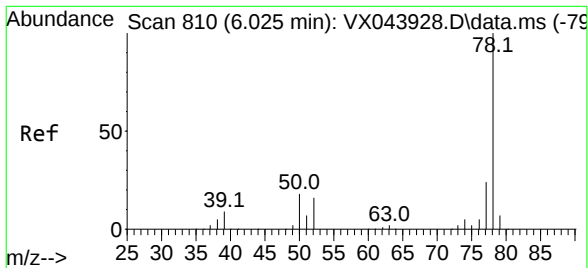
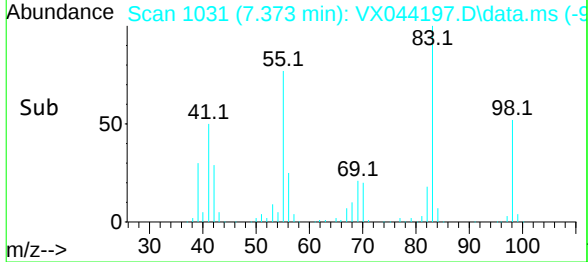
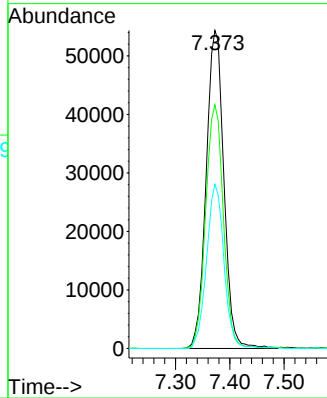
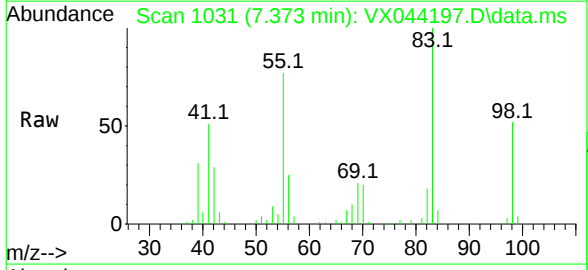
#39
Methylcyclohexane
Concen: 50.287 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 123359
Ion Ratio Lower Upper
83 100
55 76.6 63.1 94.7
98 51.6 40.0 60.0

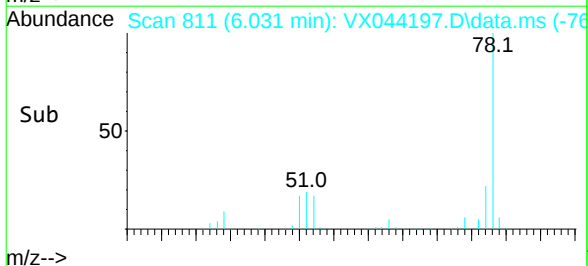
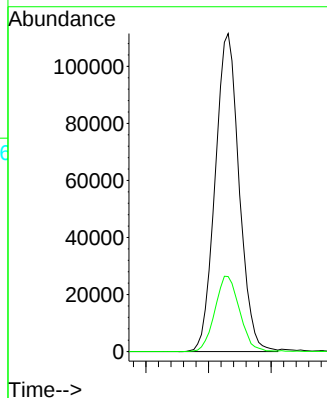
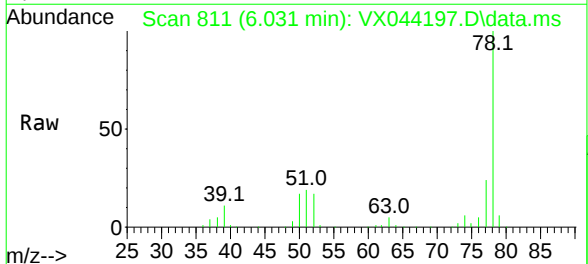
Manual Integrations
APPROVED

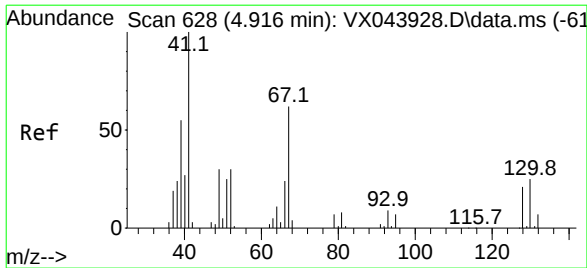
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#40
Benzene
Concen: 50.434 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion: 78 Resp: 296645
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





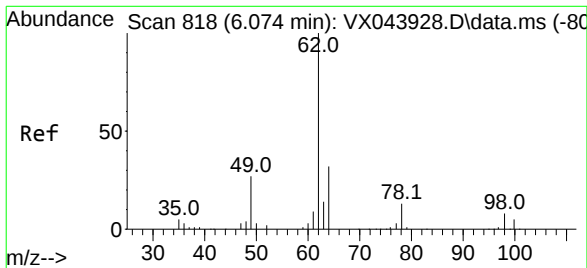
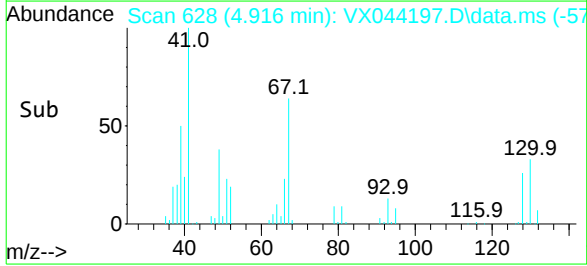
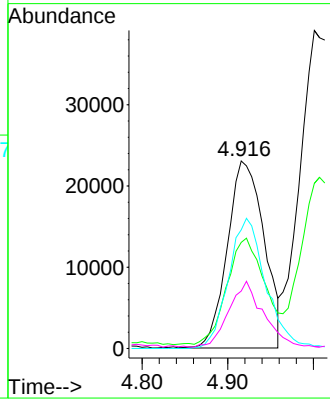
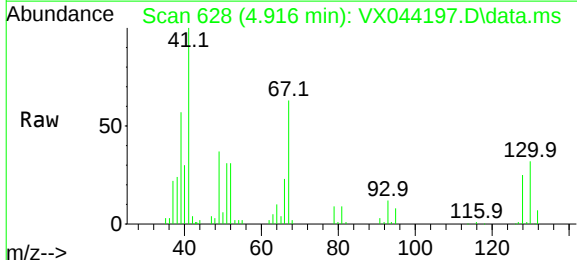
#41
Methacrylonitrile
Concen: 57.147 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	68558
Ion	Ratio	Lower	Upper
41	100		
39	59.9	41.7	62.5
67	71.1	55.8	83.8
52	33.0	24.0	36.0

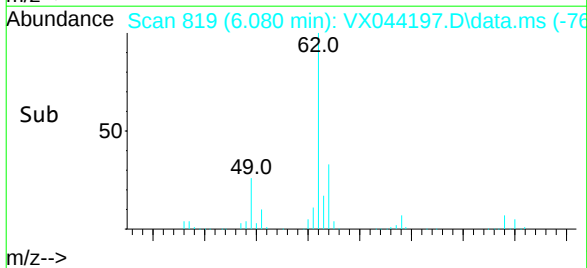
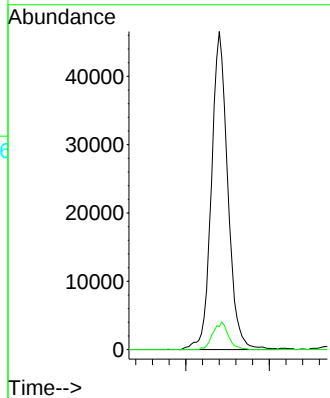
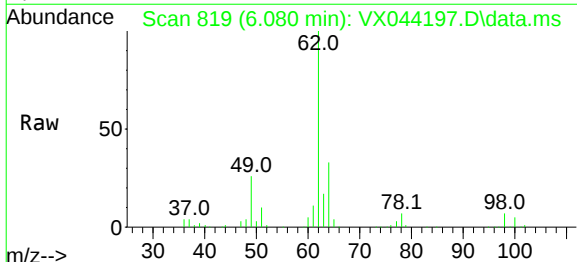
Manual Integrations
APPROVED

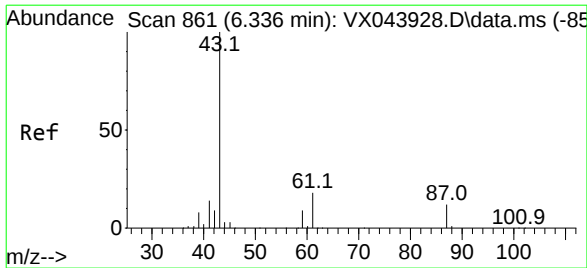
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#42
1,2-Dichloroethane
Concen: 53.674 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion:	62	Resp:	126793
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4





#43

Isopropyl Acetate

Concen: 56.898 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

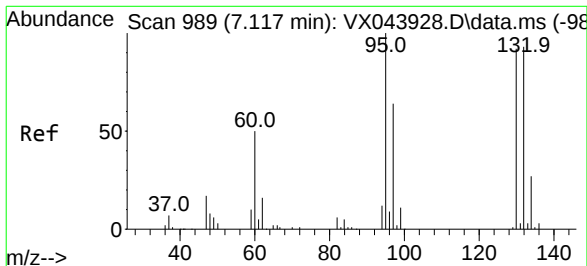
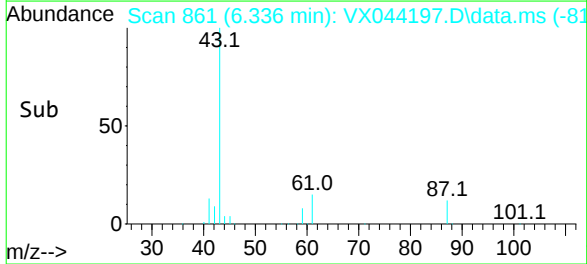
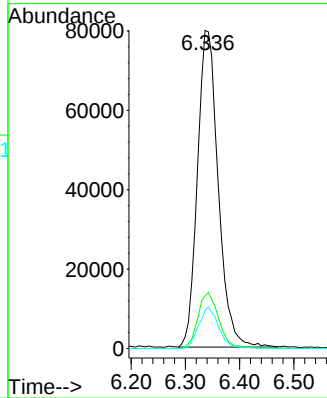
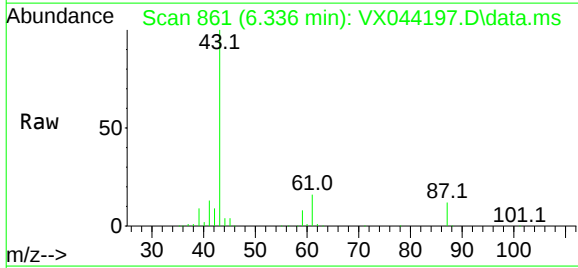
Tgt Ion:	43	Resp:	212244
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.5	21.7
87	12.5	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#44

Trichloroethene

Concen: 45.635 ug/l

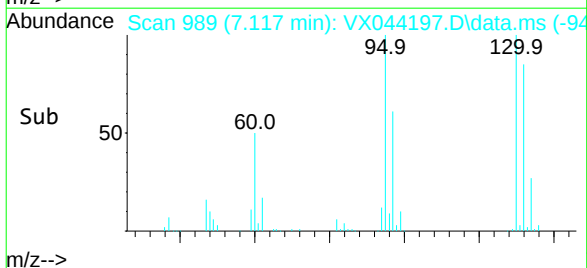
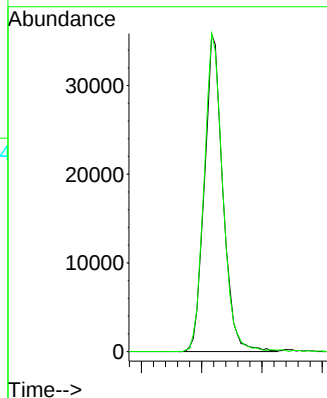
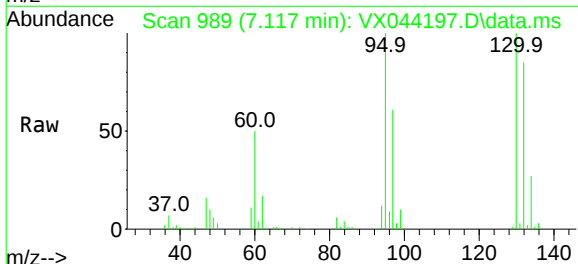
RT: 7.117 min Scan# 989

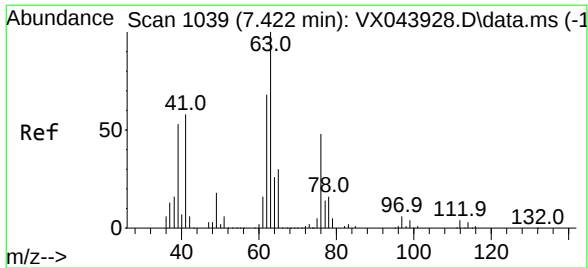
Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Tgt Ion:	130	Resp:	75985
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	217.8





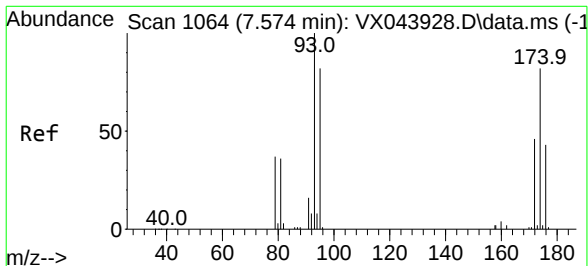
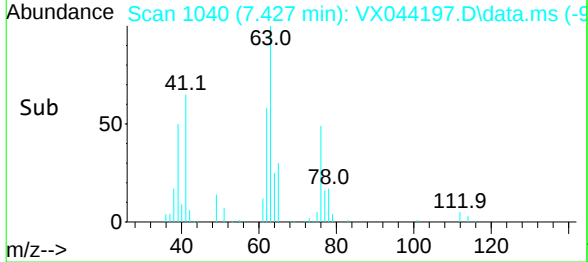
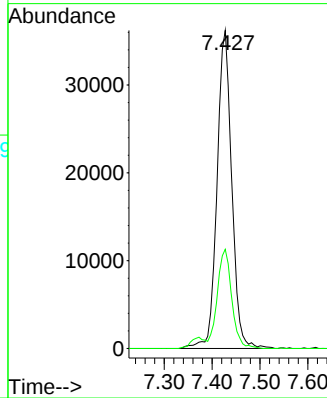
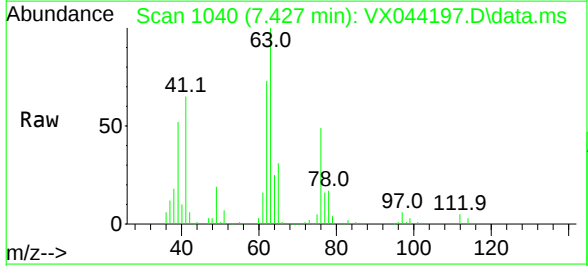
#45
1,2-Dichloropropane
Concen: 53.666 ug/l
RT: 7.427 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 77311
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6

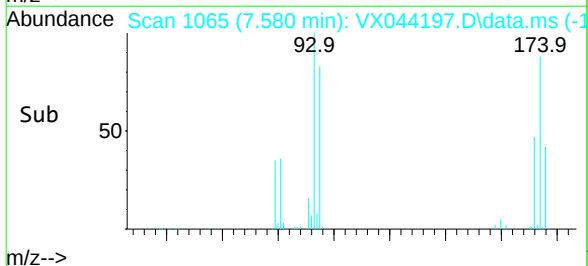
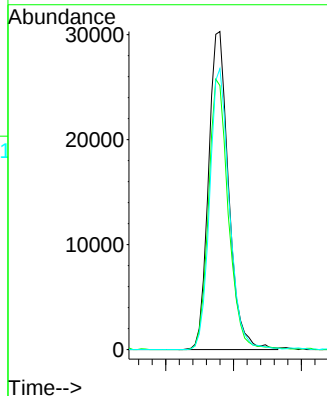
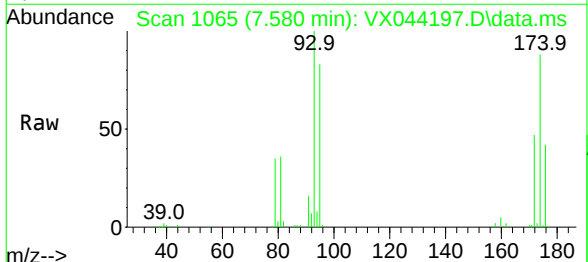
Manual Integrations
APPROVED

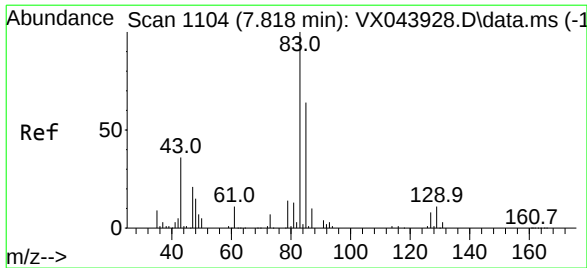
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#46
Dibromomethane
Concen: 54.728 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion: 93 Resp: 62367
Ion Ratio Lower Upper
93 100
95 84.0 66.2 99.4
174 86.3 69.6 104.4





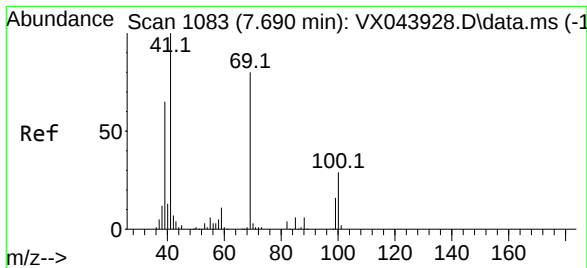
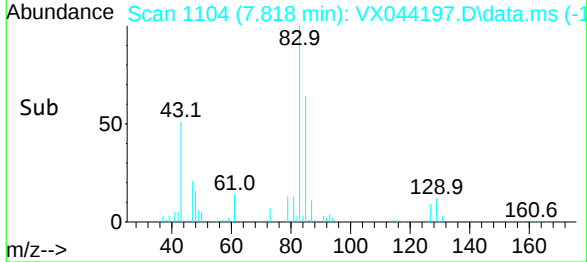
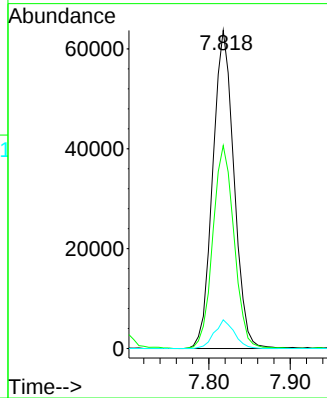
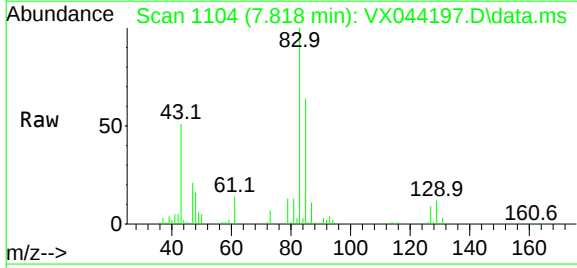
#47
Bromodichloromethane
Concen: 56.513 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 115501
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 9.0 6.6 10.0

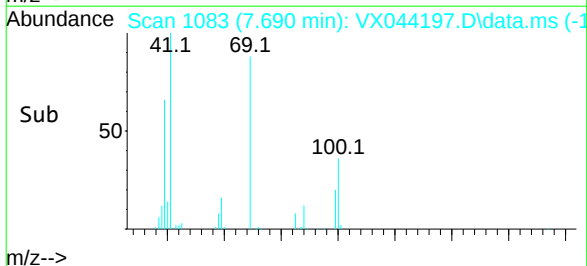
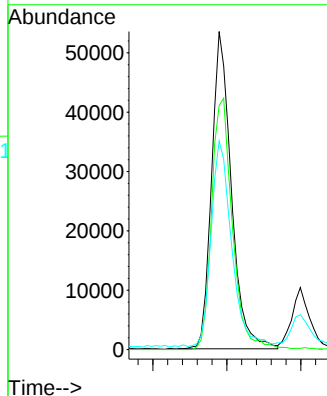
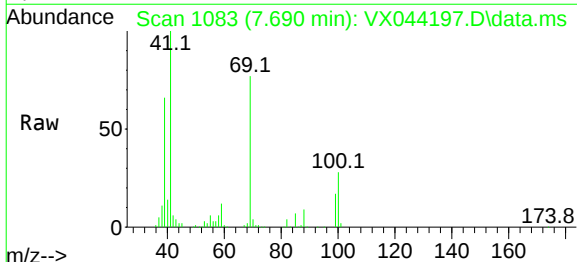
Manual Integrations
APPROVED

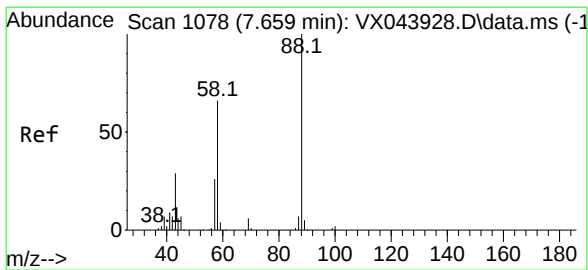
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#48
Methyl methacrylate
Concen: 55.319 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

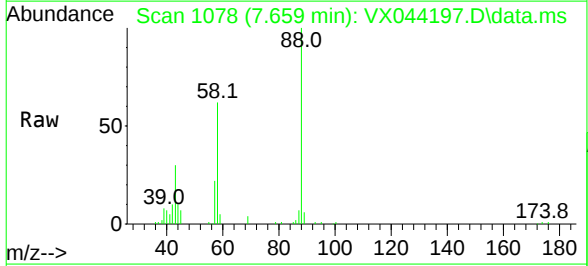
Tgt Ion: 41 Resp: 99017
Ion Ratio Lower Upper
41 100
69 83.4 64.6 97.0
39 67.0 53.3 79.9





#49
1,4-Dioxane
Concen: 892.162 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

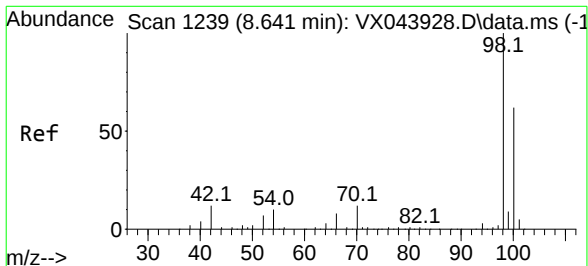
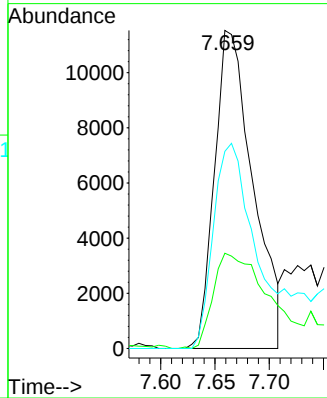
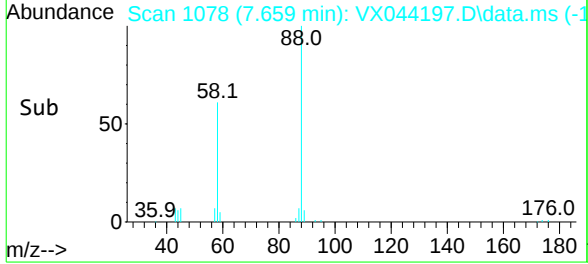
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 28446
Ion Ratio Lower Upper
88 100
43 43.1 26.8 40.2#
58 80.2 45.4 68.2#

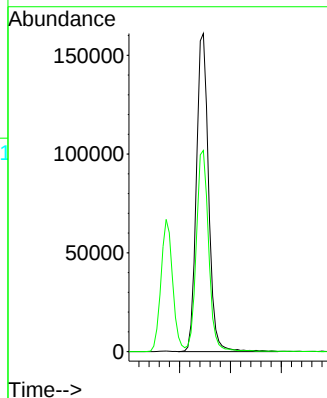
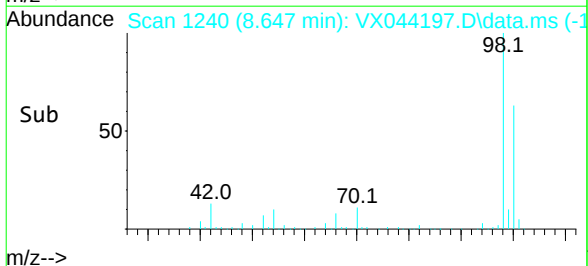
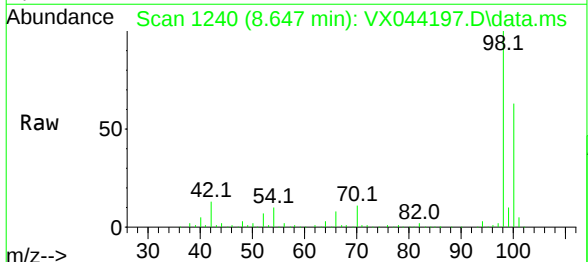
Manual Integrations
APPROVED

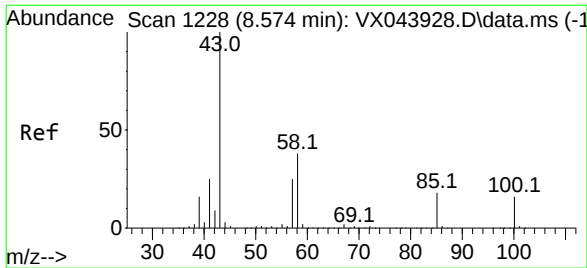
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#50
Toluene-d8
Concen: 51.339 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion: 98 Resp: 268167
Ion Ratio Lower Upper
98 100
100 62.8 52.6 79.0





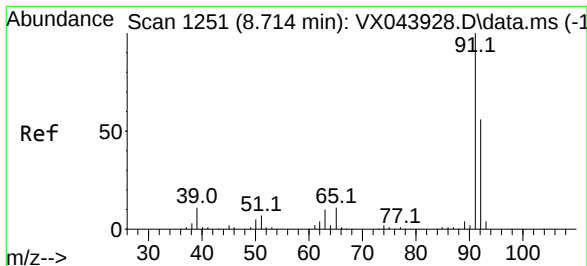
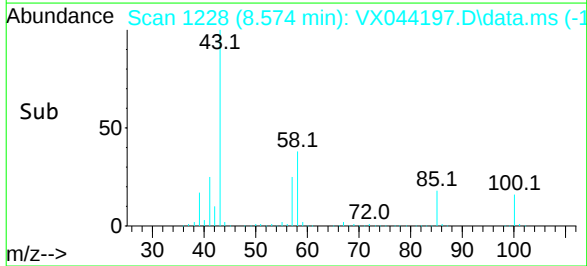
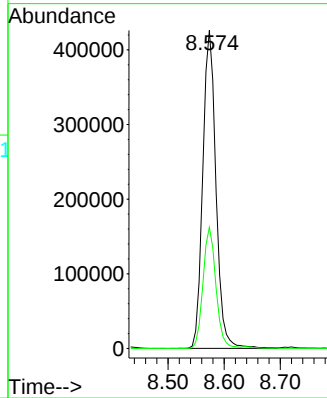
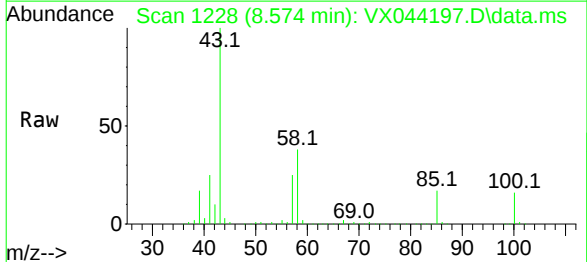
#51
4-Methyl-2-Pentanone
Concen: 305.931 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 696425
Ion Ratio Lower Upper
43 100
58 37.2 30.0 45.0

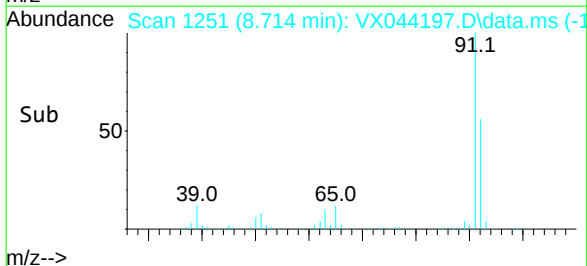
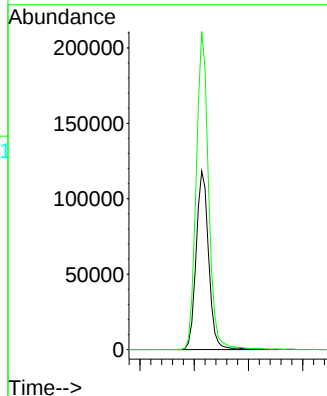
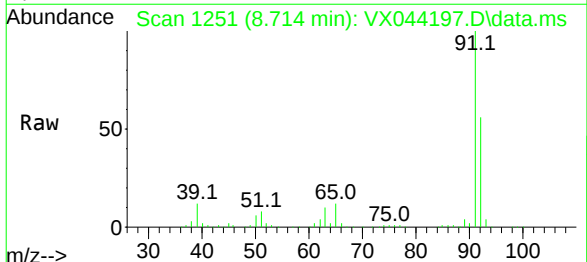
Manual Integrations
APPROVED

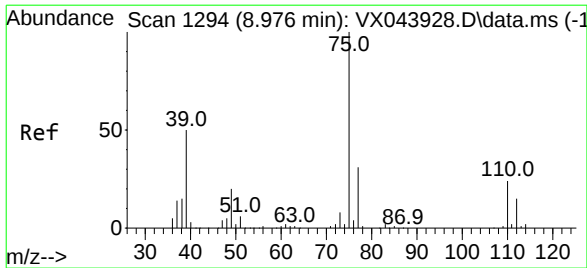
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#52
Toluene
Concen: 53.762 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

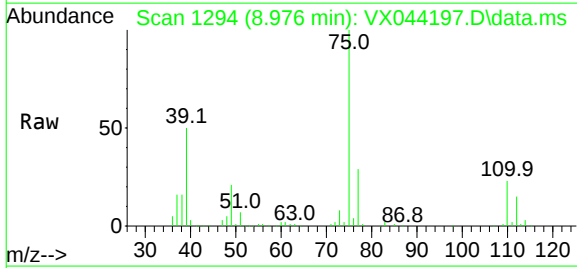
Tgt Ion: 92 Resp: 189268
Ion Ratio Lower Upper
92 100
91 175.9 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 57.607 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

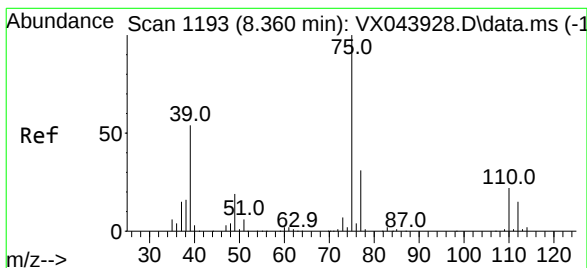
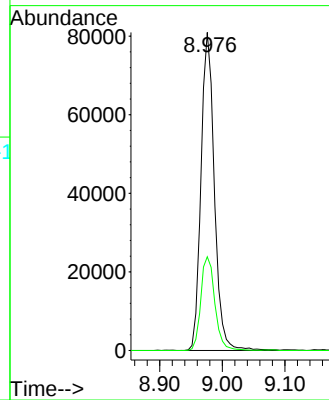
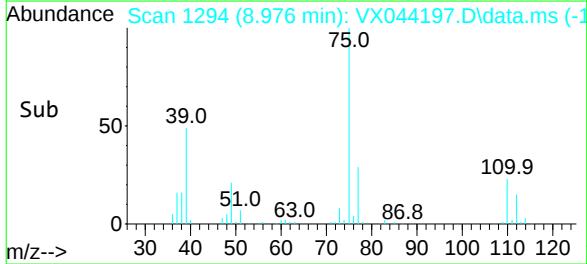
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 120064
Ion Ratio Lower Upper
75 100
77 29.5 25.1 37.7

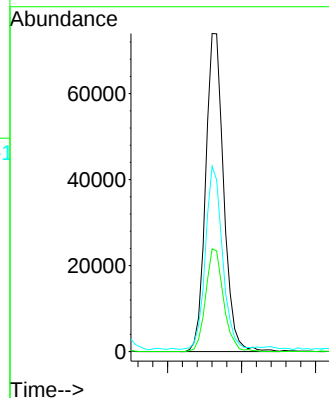
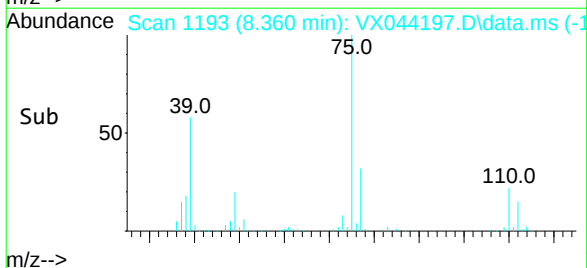
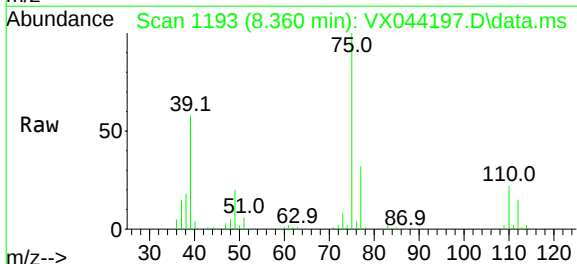
Manual Integrations
APPROVED

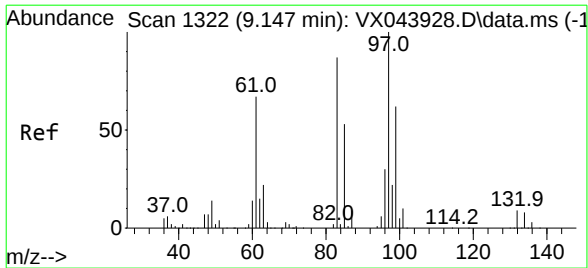
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#54
cis-1,3-Dichloropropene
Concen: 54.845 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion: 75 Resp: 125311
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
39 57.5 43.1 64.7





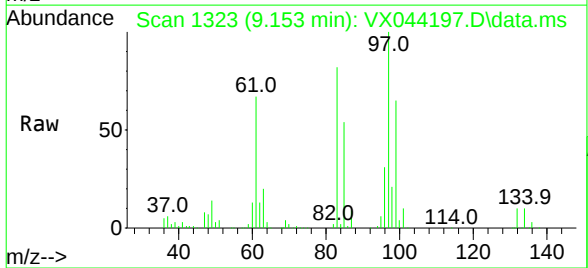
#55
1,1,2-Trichloroethane
Concen: 55.687 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

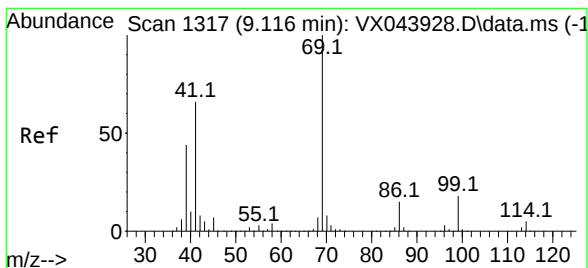
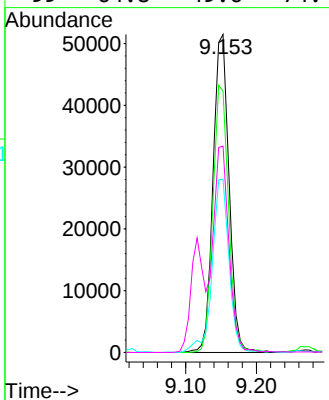
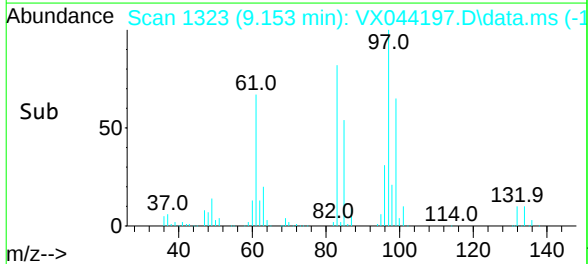
VSTDCCC050



Tgt Ion:	97	Resp:	80926
Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.4	104.0
85	54.5	42.3	63.5
99	64.8	49.6	74.4

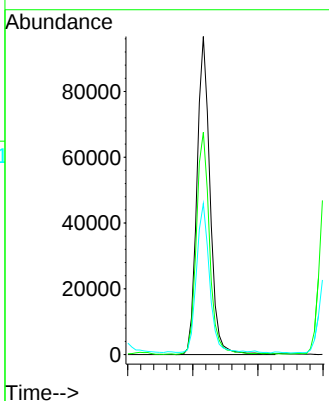
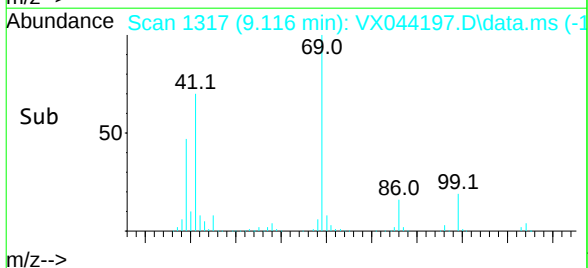
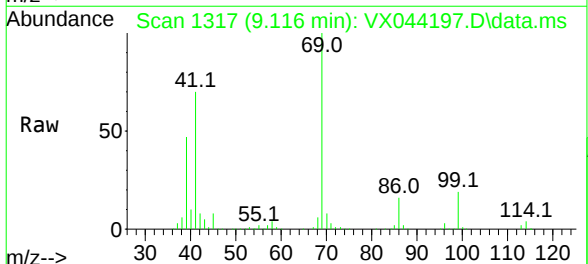
Manual Integrations
APPROVED

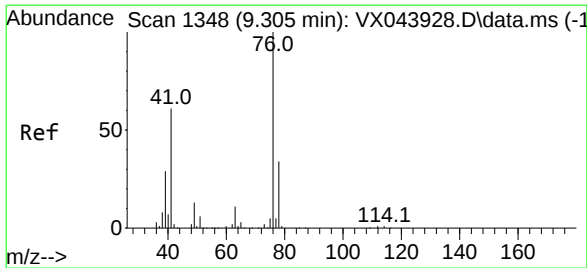
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#56
Ethyl methacrylate
Concen: 59.532 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion:	69	Resp:	134754
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.8	83.8
39	46.2	36.7	55.1





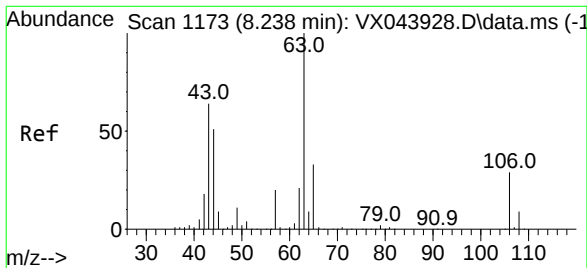
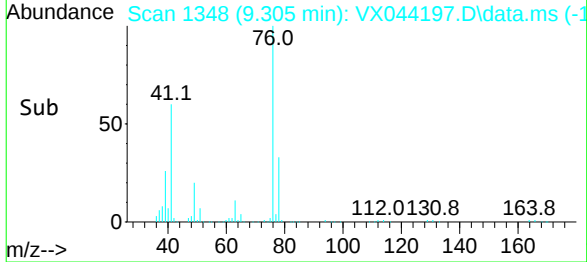
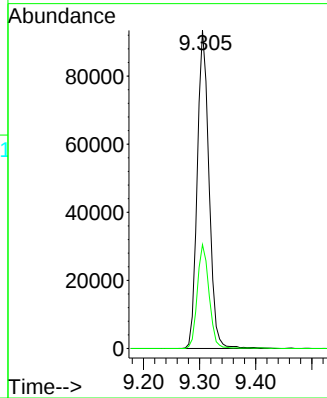
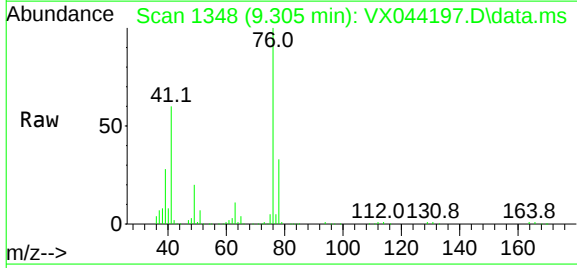
#57
1,3-Dichloropropane
Concen: 55.393 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 135605
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

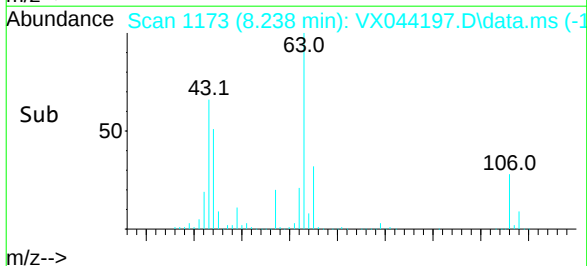
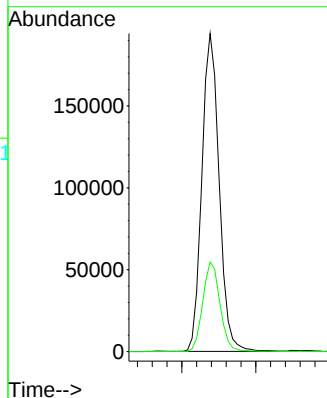
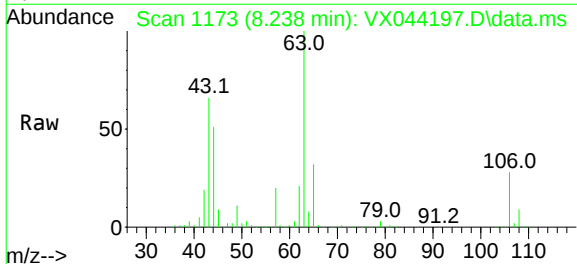
Manual Integrations
APPROVED

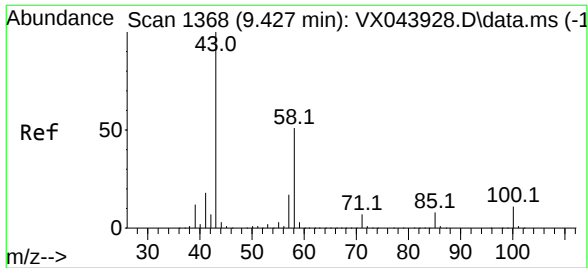
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#58
2-Chloroethyl Vinyl ether
Concen: 253.403 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion: 63 Resp: 314332
Ion Ratio Lower Upper
63 100
106 28.3 23.0 34.6





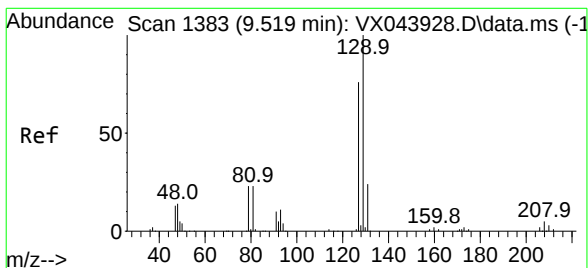
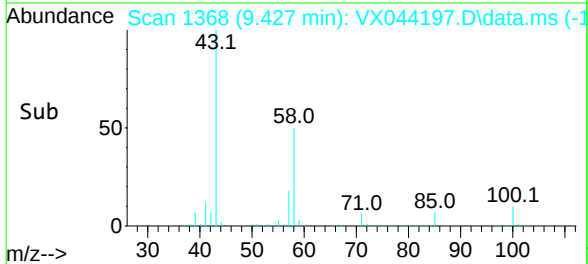
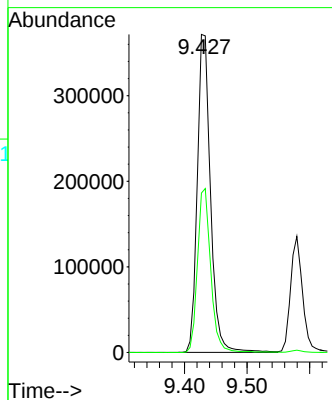
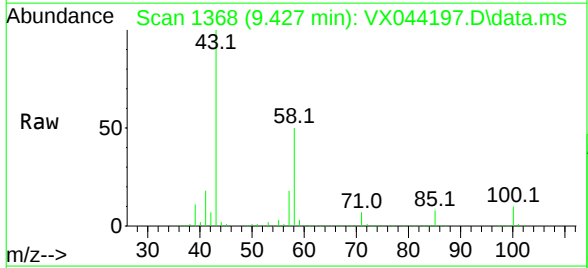
#59
2-Hexanone
Concen: 319.041 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 545883
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.6

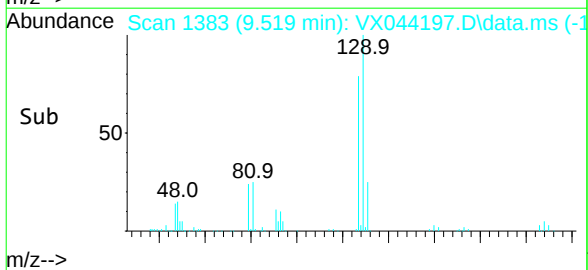
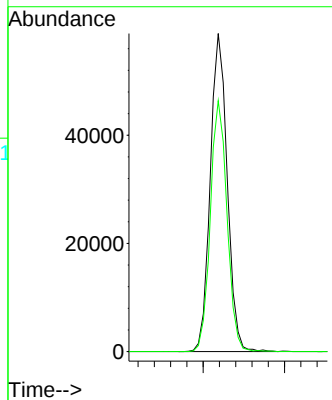
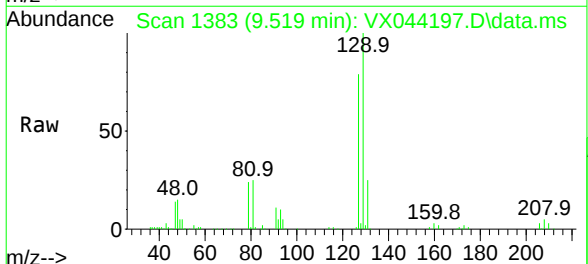
Manual Integrations
APPROVED

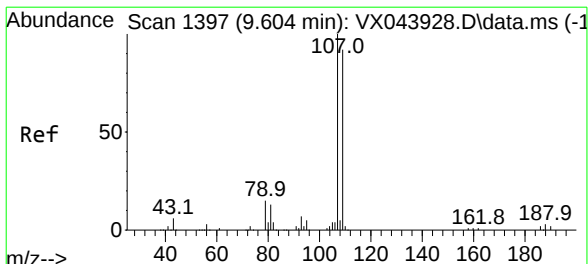
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#60
Dibromochloromethane
Concen: 58.369 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion:129 Resp: 85107
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6





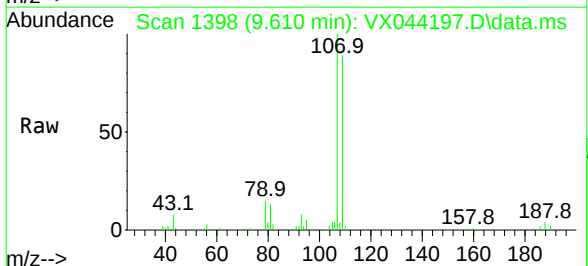
#61
 1,2-Dibromoethane
 Concen: 58.300 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.006 min
 Lab File: VX044197.D
 Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

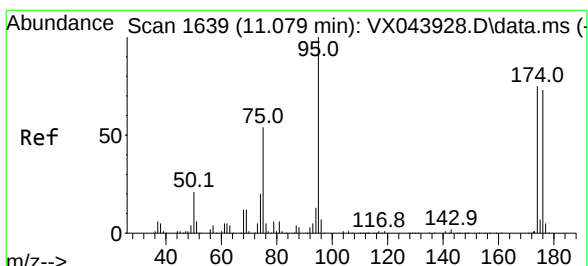
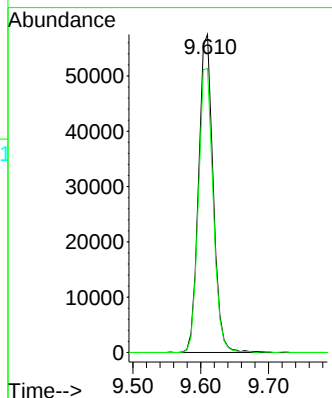
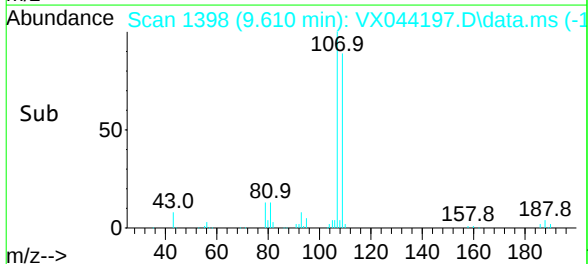
VSTDCCC050



Tgt Ion: 107 Resp: 85669
 Ion Ratio Lower Upper
 107 100
 109 90.4 75.2 112.8

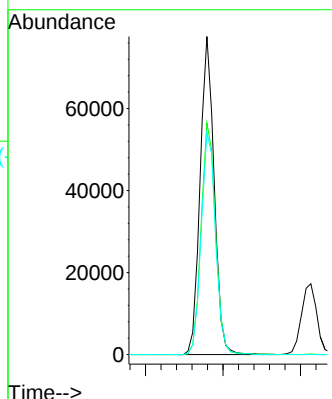
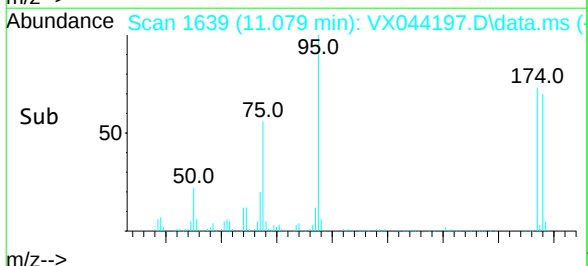
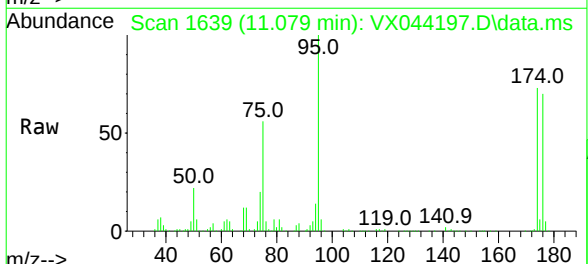
Manual Integrations
 APPROVED

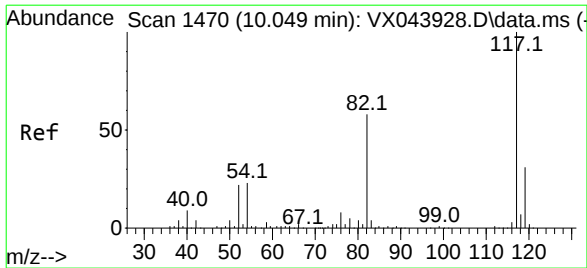
Reviewed By : John Carlone 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024



#62
 4-Bromofluorobenzene
 Concen: 54.890 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX044197.D
 Acq: 10 Dec 2024 10:43

Tgt Ion: 95 Resp: 97578
 Ion Ratio Lower Upper
 95 100
 174 74.7 0.0 150.4
 176 71.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

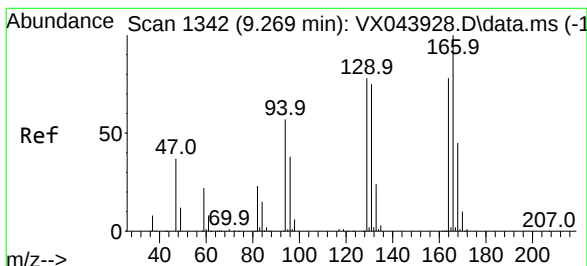
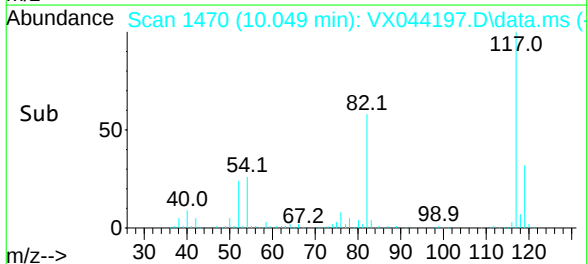
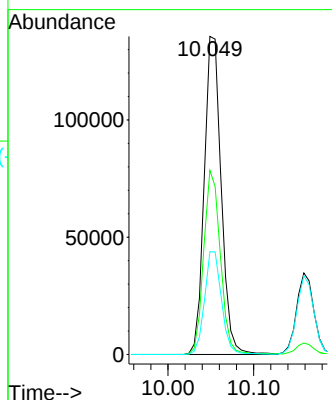
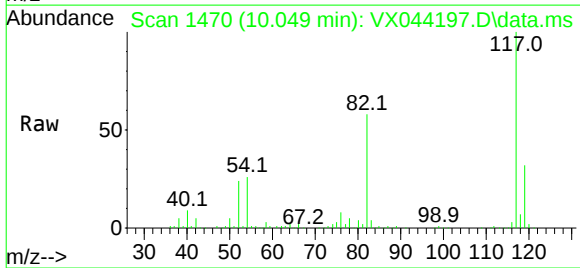
Tgt Ion:	117	Resp:	187191
Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.4	69.6
119	32.3	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#64

Tetrachloroethene

Concen: 51.016 ug/l

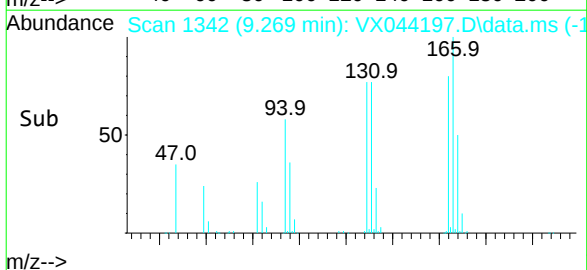
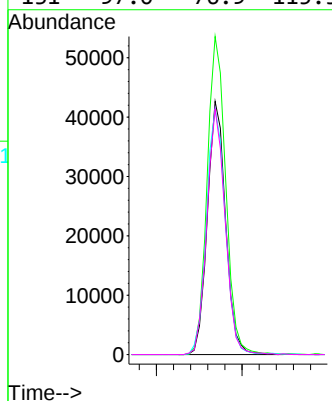
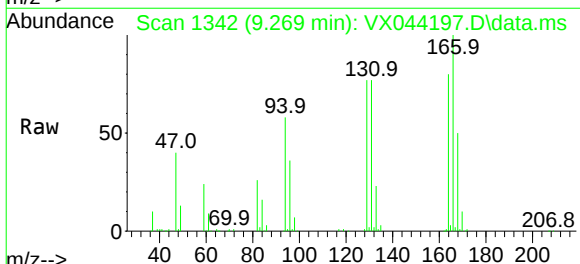
RT: 9.269 min Scan# 1342

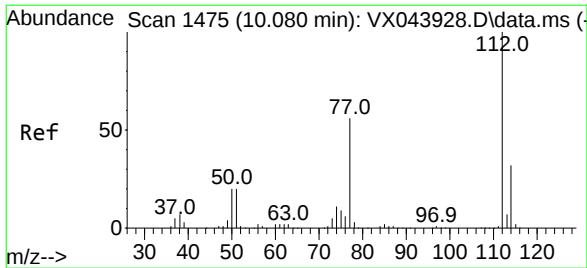
Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Tgt Ion:	164	Resp:	62970
Ion	Ratio	Lower	Upper
164	100		
166	125.6	102.1	153.1
129	97.1	79.6	119.4
131	97.0	76.9	115.3





#65

Chlorobenzene

Concen: 52.077 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 214102

Ion Ratio Lower Upper

112 100

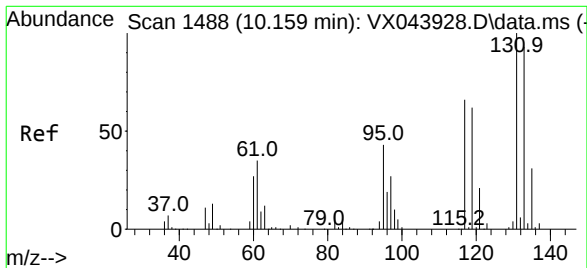
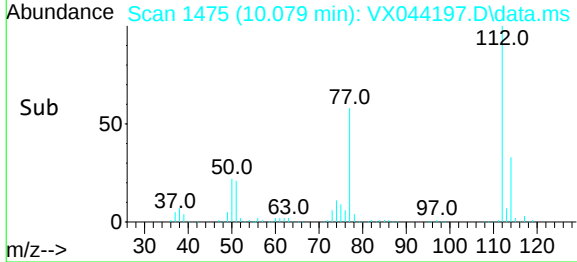
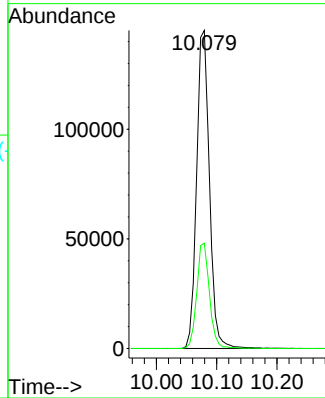
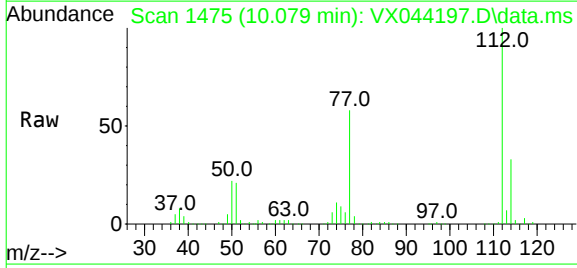
114 33.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 57.592 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

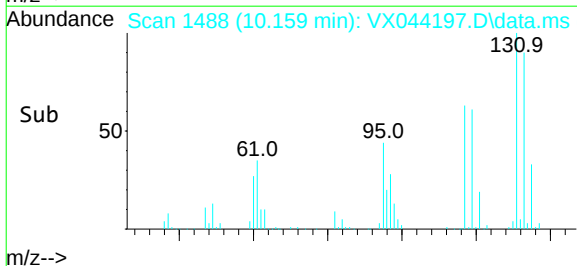
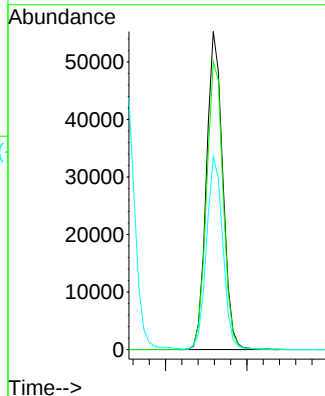
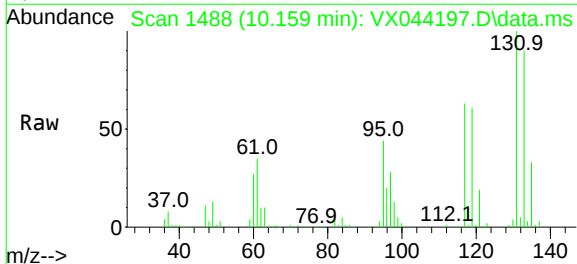
Tgt Ion:131 Resp: 76789

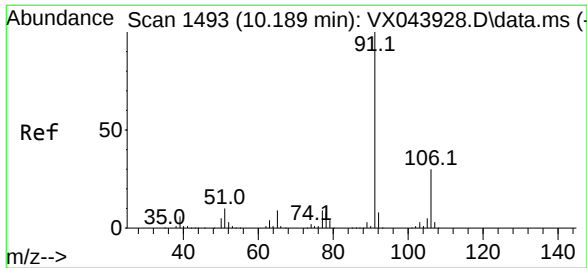
Ion Ratio Lower Upper

131 100

133 91.8 48.2 144.6

119 60.9 31.5 94.5





#67

Ethyl Benzene

Concen: 54.326 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 378463

Ion Ratio Lower Upper

91 100

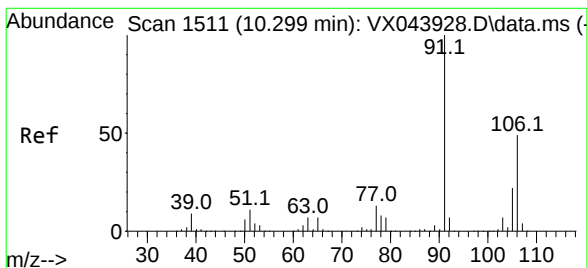
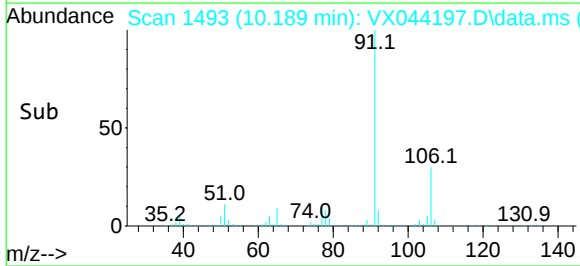
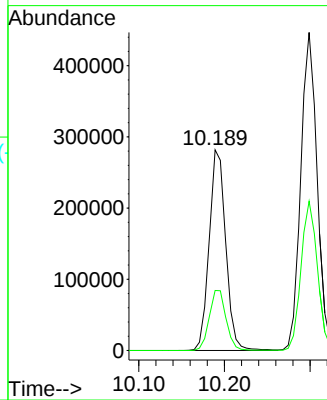
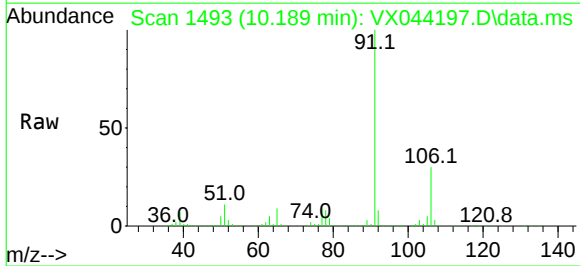
106 29.9 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#68

m/p-Xylenes

Concen: 108.164 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044197.D

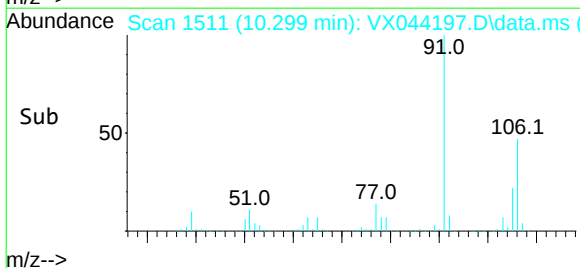
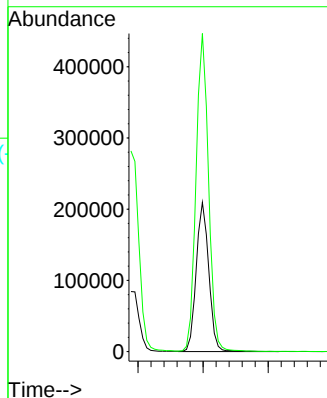
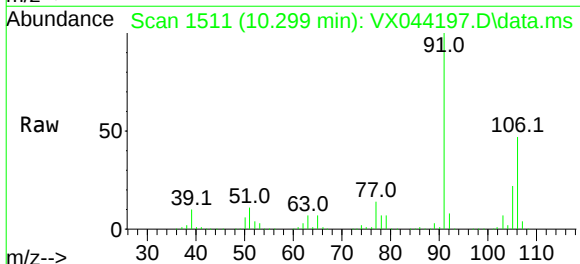
Acq: 10 Dec 2024 10:43

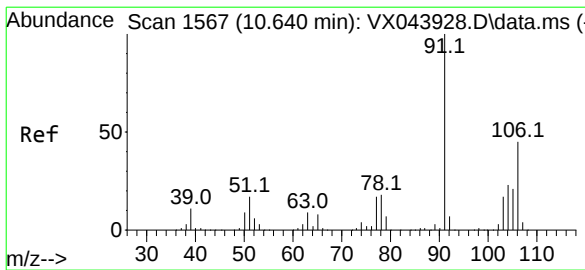
Tgt Ion:106 Resp: 281005

Ion Ratio Lower Upper

106 100

91 211.7 168.1 252.1





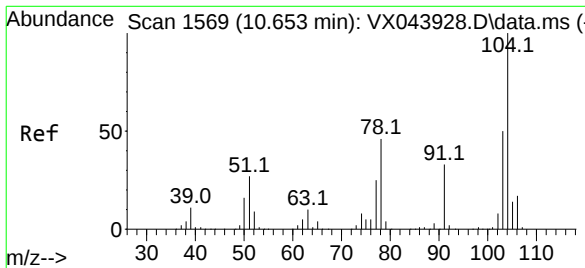
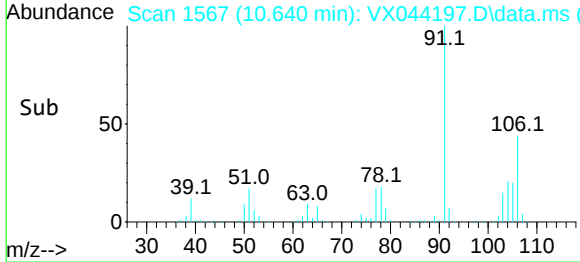
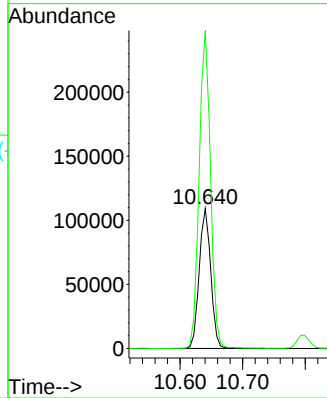
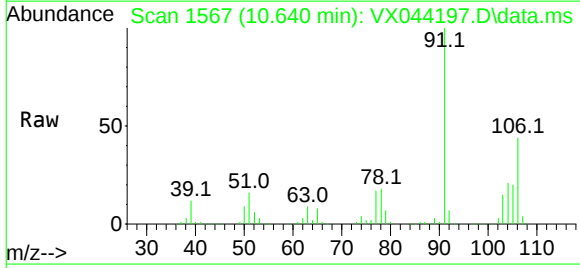
#69
o-Xylene
Concen: 55.165 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 139928
Ion Ratio Lower Upper
106 100
91 223.7 110.2 330.6

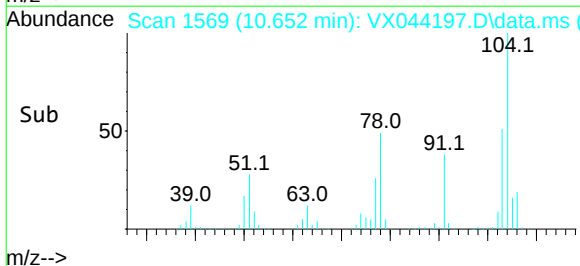
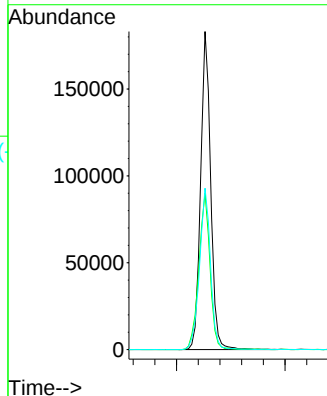
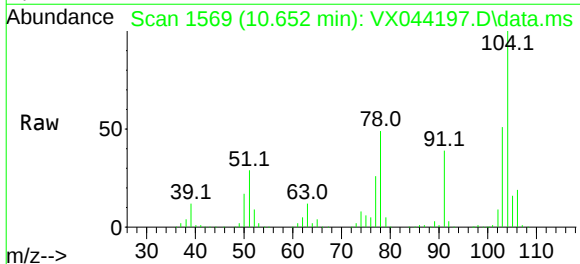
Manual Integrations
APPROVED

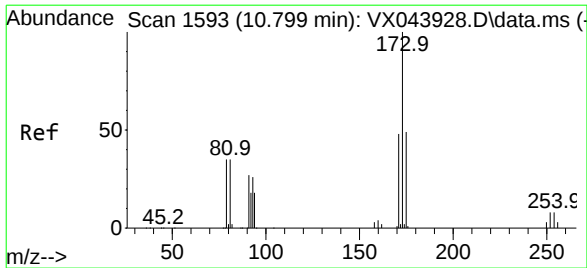
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#70
Styrene
Concen: 56.223 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion:104 Resp: 235876
Ion Ratio Lower Upper
104 100
78 54.6 42.2 63.2
103 55.6 44.7 67.1





#71

Bromoform

Concen: 52.273 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

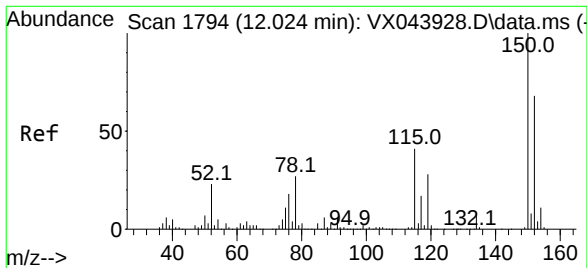
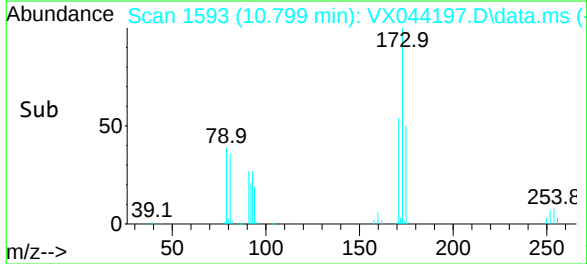
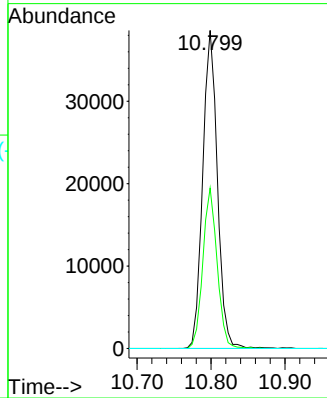
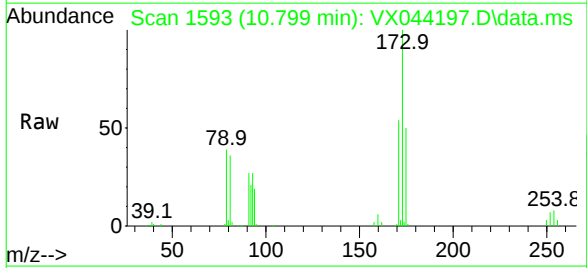
Tgt	Ion:173	Resp:	53151
Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

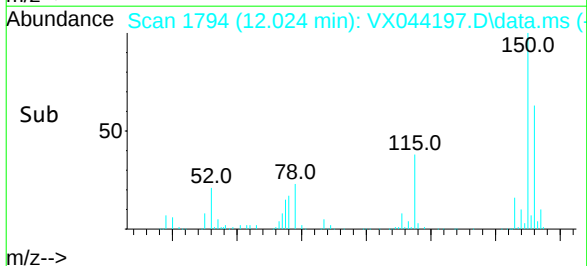
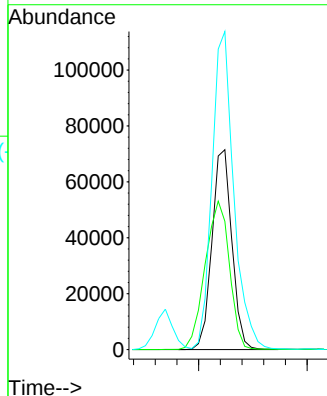
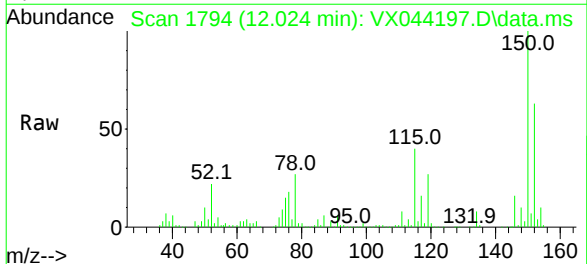
RT: 12.024 min Scan# 1794

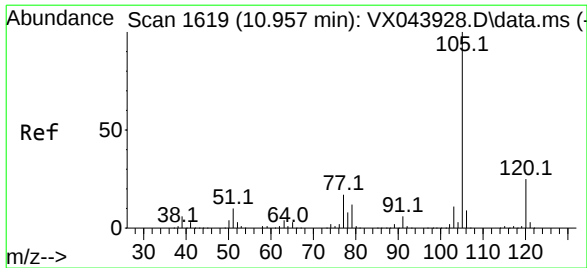
Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Tgt	Ion:152	Resp:	91127
Ion	Ratio	Lower	Upper
152	100		
115	90.8	45.4	136.2
150	173.5	0.0	353.0





#73

Isopropylbenzene

Concen: 52.666 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

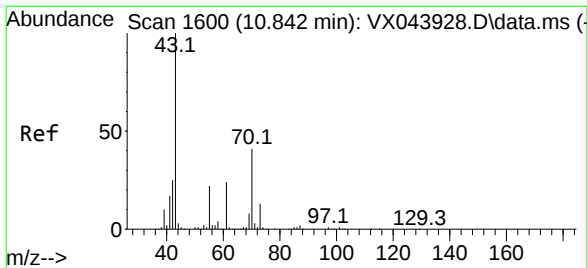
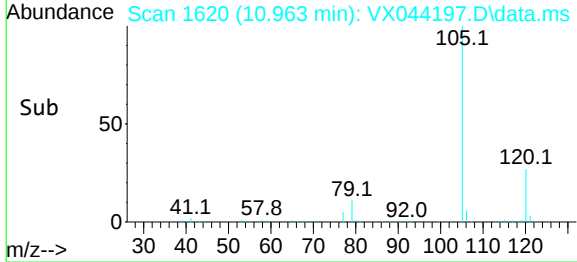
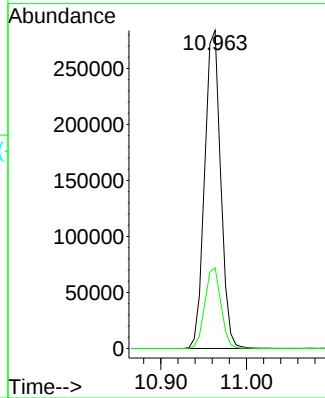
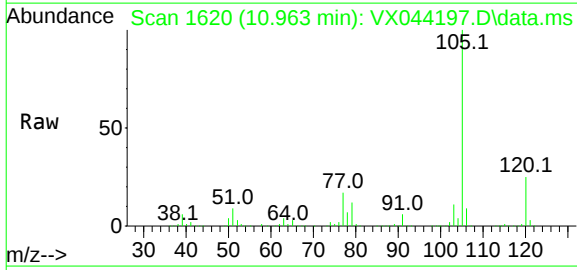
Tgt Ion: 105 Resp: 368919
 Ion Ratio Lower Upper
 105 100
 120 25.5 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#74

N-ethyl acetate

Concen: 57.486 ug/l

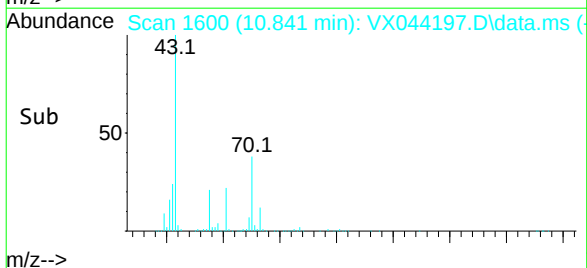
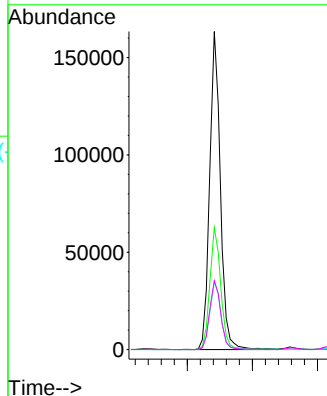
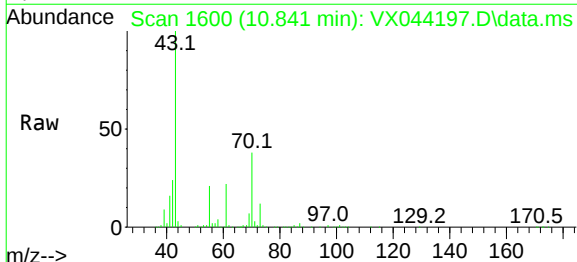
RT: 10.841 min Scan# 1600

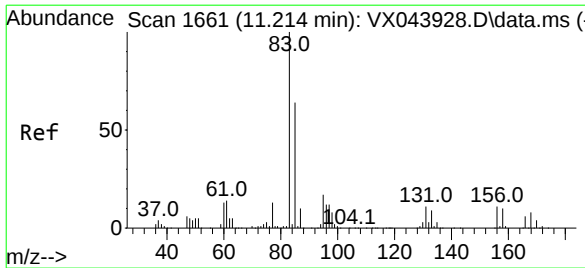
Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Tgt Ion: 43 Resp: 186542
 Ion Ratio Lower Upper
 43 100
 70 39.3 32.2 48.2
 55 22.3 18.1 27.1
 61 22.6 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.025 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

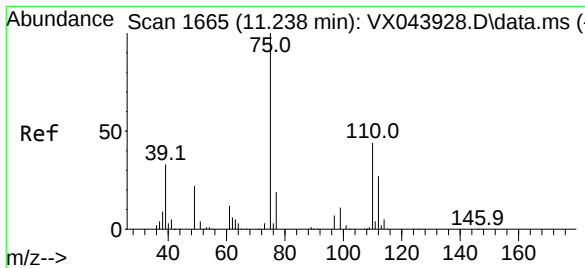
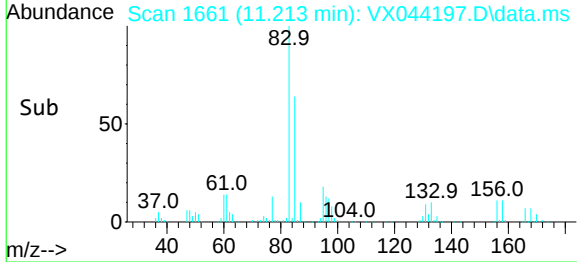
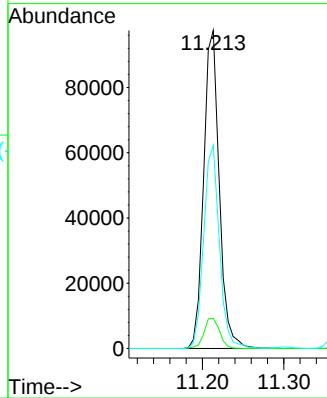
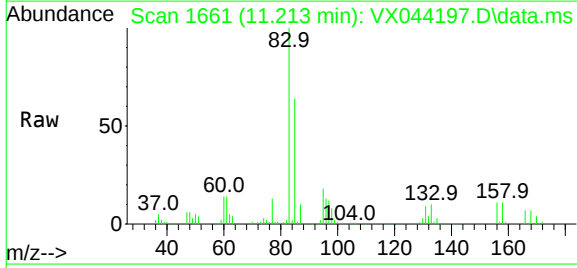
Tgt Ion:	83	Resp:	129580
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.1	15.2
85	64.6	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#76

1,2,3-Trichloropropane

Concen: 55.278 ug/l m

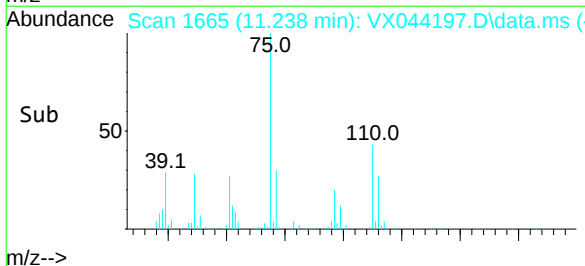
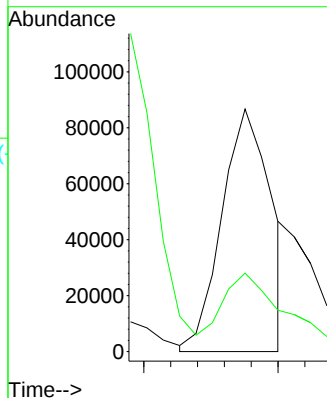
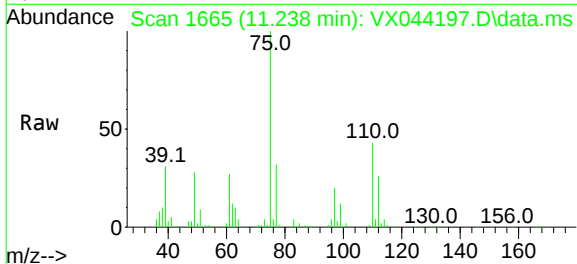
RT: 11.238 min Scan# 1665

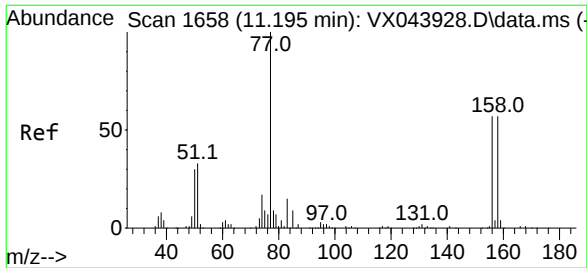
Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Tgt Ion:	75	Resp:	110467
Ion	Ratio	Lower	Upper
75	100		
77	42.6	21.8	65.3





#77

Bromobenzene

Concen: 52.056 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

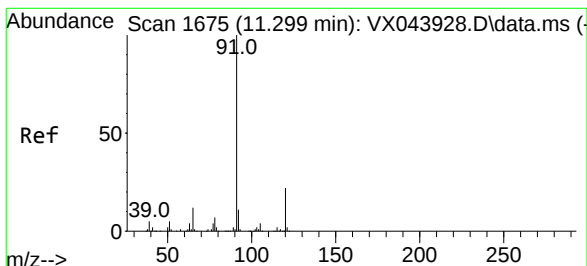
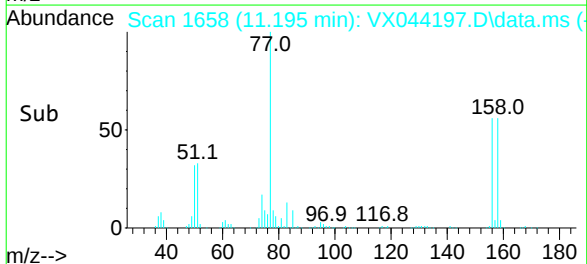
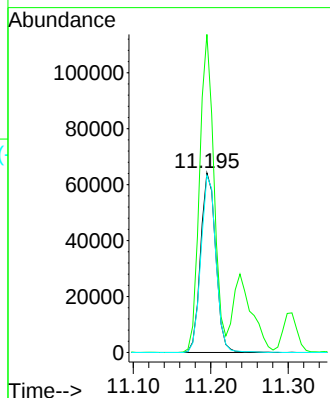
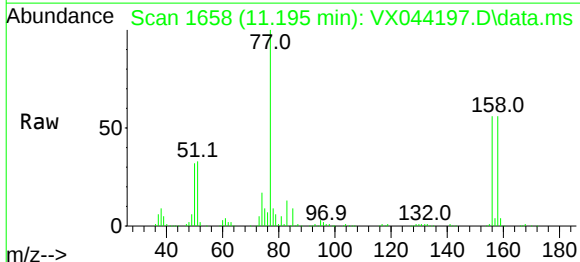
Tgt Ion:	156	Resp:	86985
Ion	Ratio	Lower	Upper
156	100		
77	168.5	83.4	250.1
158	97.6	47.6	142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#78

n-propylbenzene

Concen: 54.176 ug/l

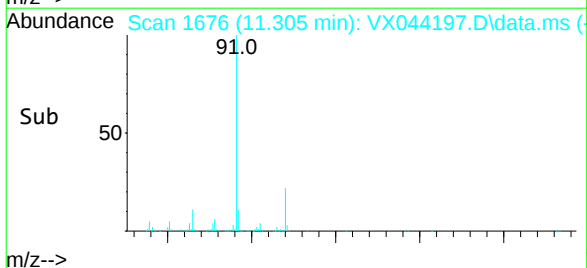
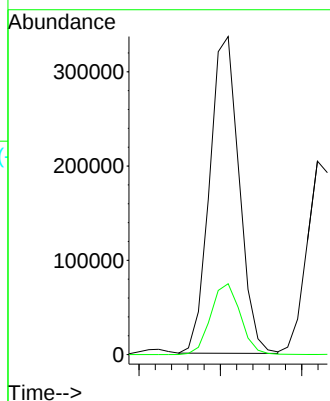
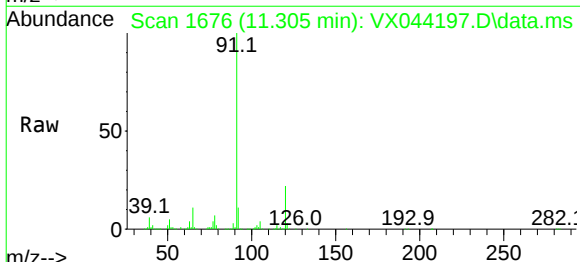
RT: 11.305 min Scan# 1676

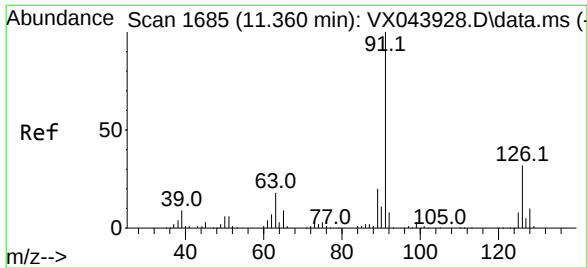
Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Tgt Ion:	91	Resp:	423839
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 52.453 ug/l

RT: 11.360 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 259496

Ion Ratio Lower Upper

91 100

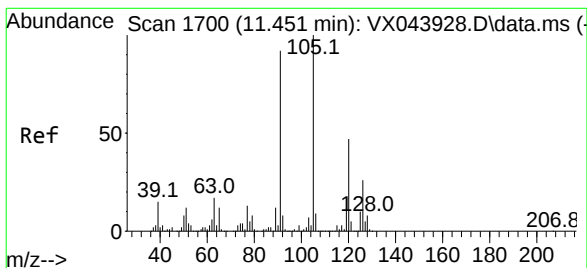
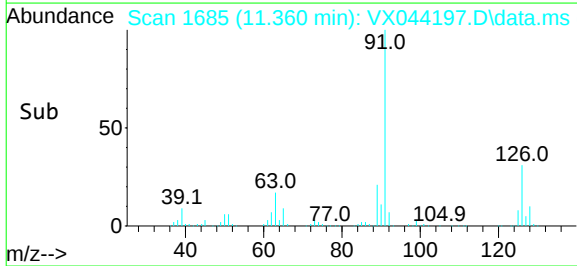
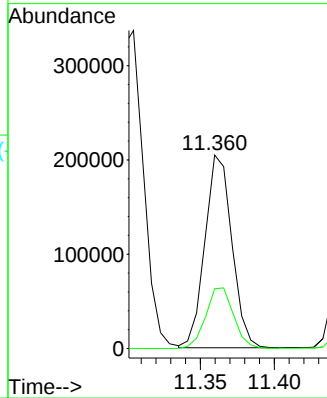
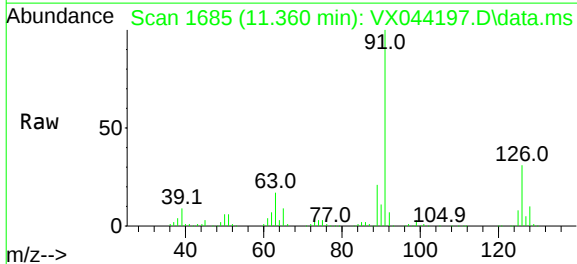
126 32.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#80

1,3,5-Trimethylbenzene

Concen: 53.818 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044197.D

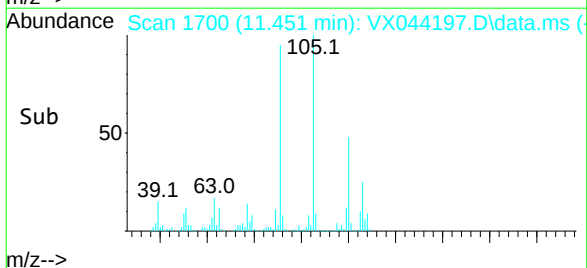
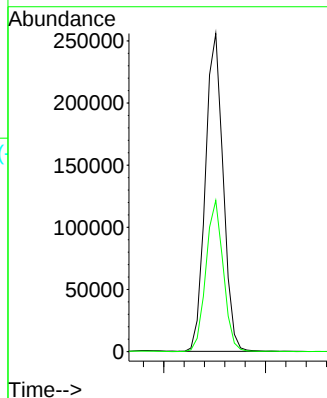
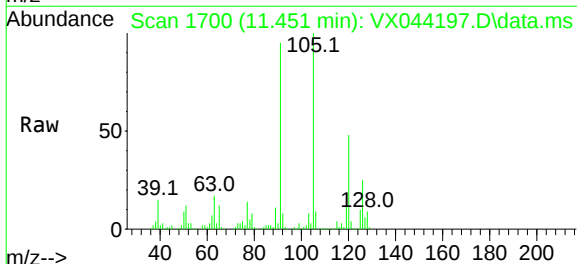
Acq: 10 Dec 2024 10:43

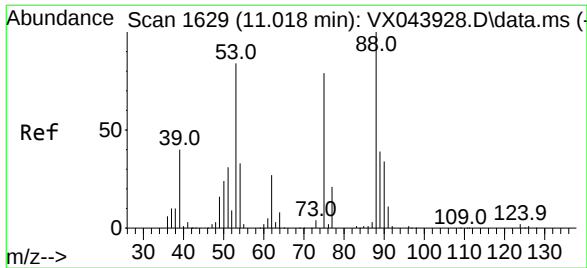
Tgt Ion:105 Resp: 310149

Ion Ratio Lower Upper

105 100

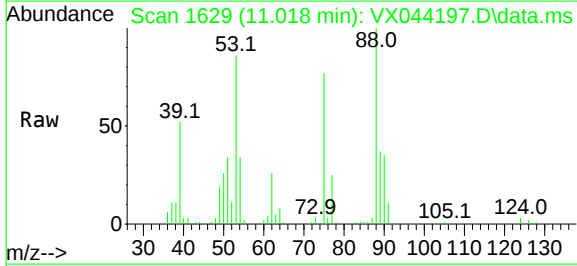
120 46.7 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 52.317 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

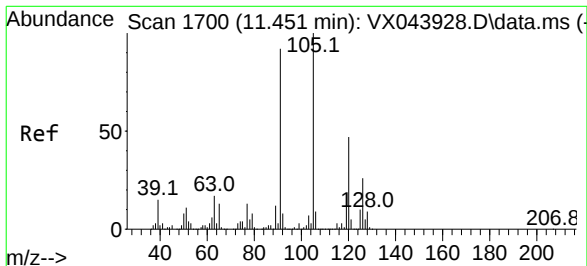
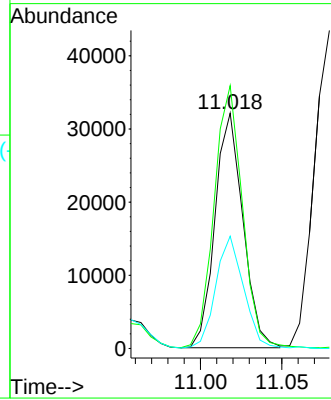
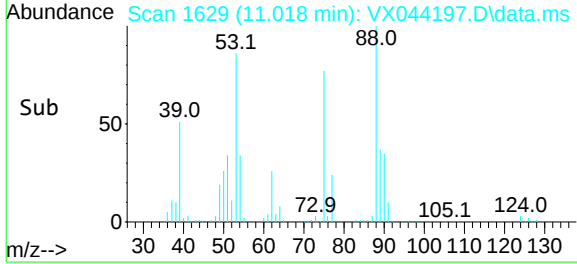
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 38314
Ion Ratio Lower Upper
75 100
53 113.2 86.7 130.1
89 48.3 38.2 57.2

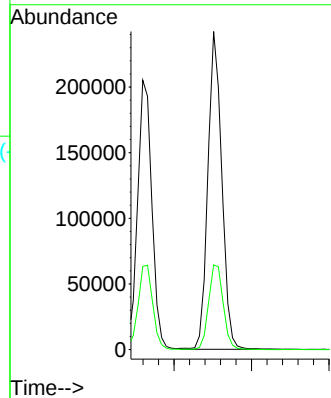
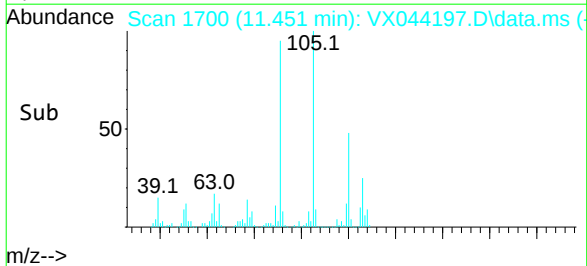
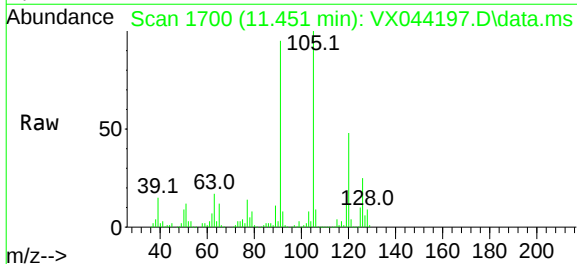
Manual Integrations
APPROVED

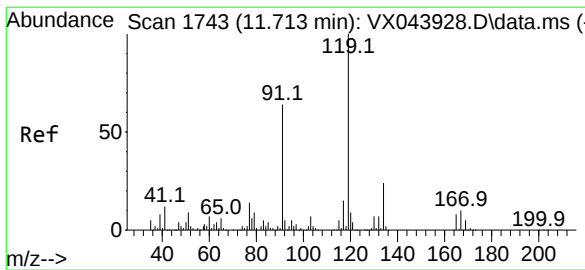
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#82
4-Chlorotoluene
Concen: 54.037 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion: 91 Resp: 301801
Ion Ratio Lower Upper
91 100
126 28.1 14.3 42.9





#83

tert-Butylbenzene

Concen: 55.384 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

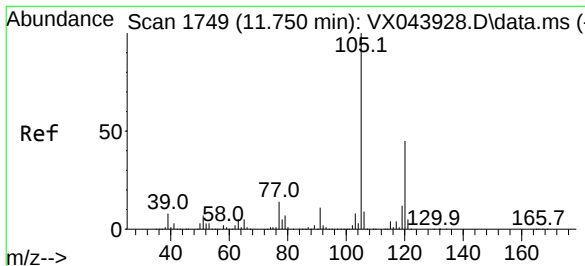
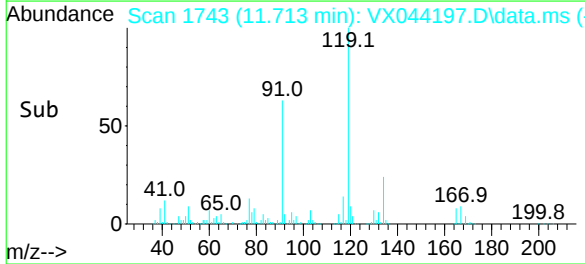
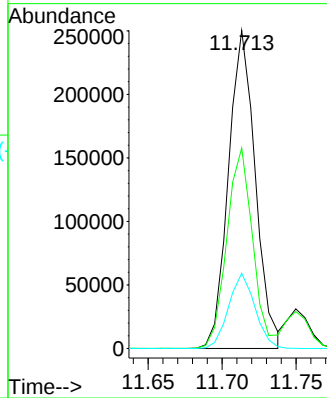
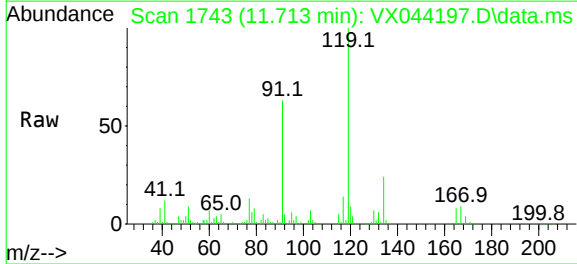
Tgt Ion:	119	Resp:	316356
Ion Ratio	Lower	Upper	
119	100		
91	61.2	31.0	93.0
134	23.2	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 54.591 ug/l

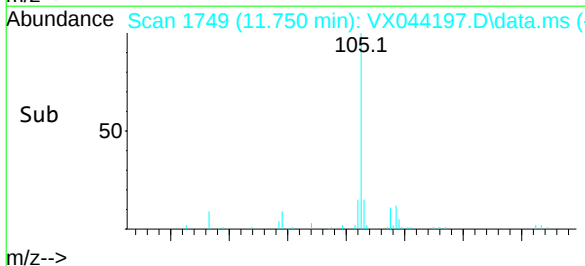
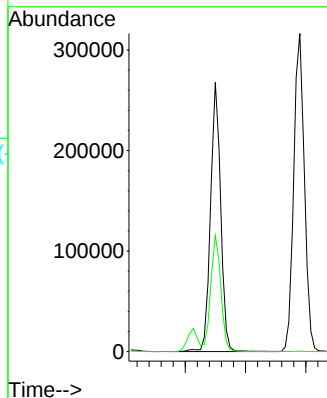
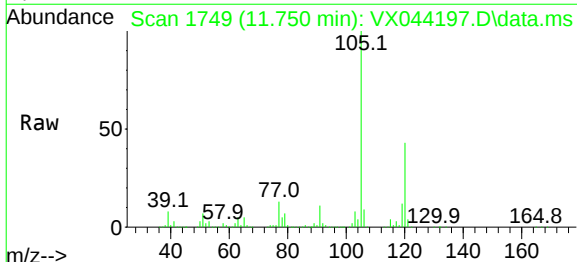
RT: 11.750 min Scan# 1749

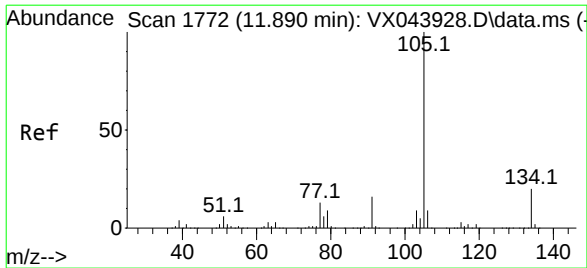
Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Tgt Ion:	105	Resp:	313218
Ion Ratio	Lower	Upper	
105	100		
120	43.1	21.9	65.7





#85

sec-Butylbenzene

Concen: 55.564 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 388872

Ion Ratio Lower Upper

105 100

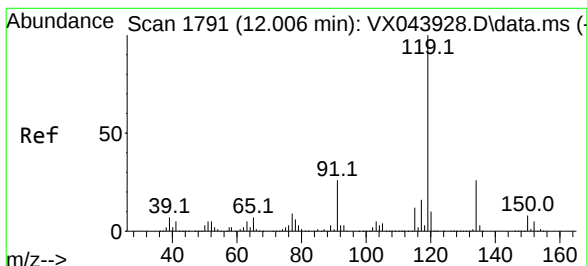
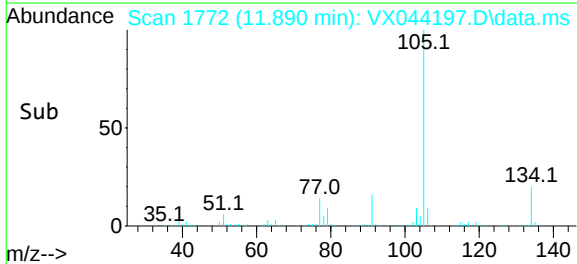
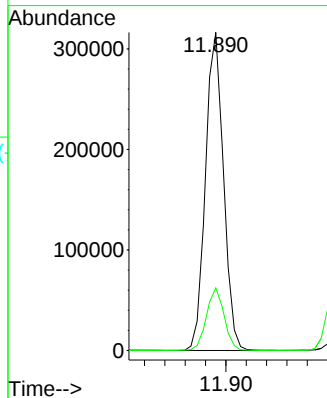
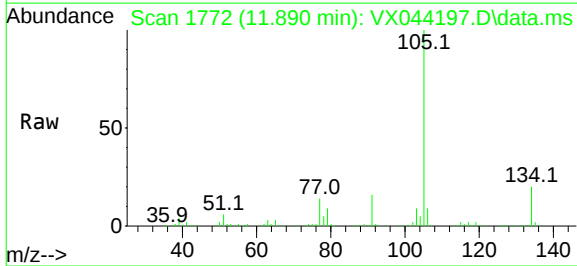
134 19.3 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#86

p-Isopropyltoluene

Concen: 57.182 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

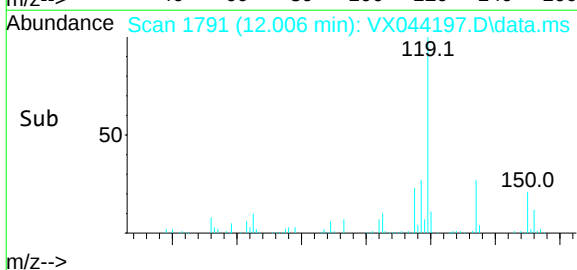
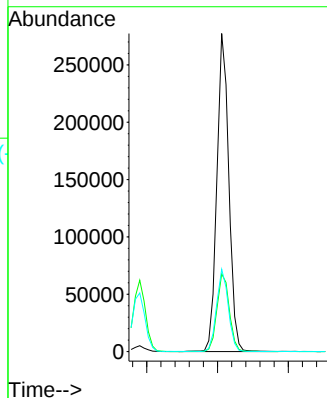
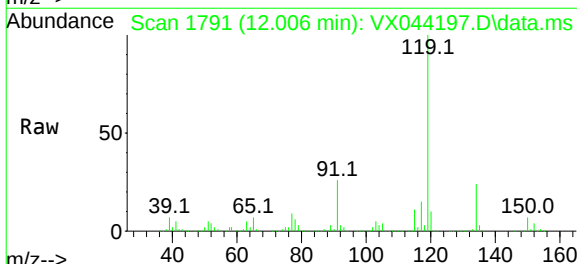
Tgt Ion:119 Resp: 325073

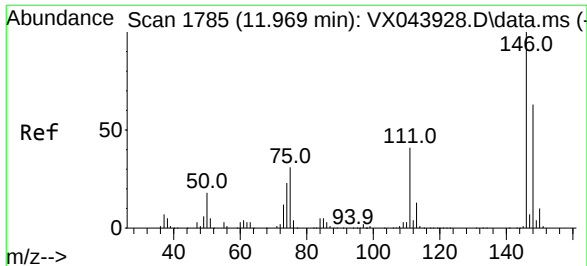
Ion Ratio Lower Upper

119 100

134 25.4 13.0 38.9

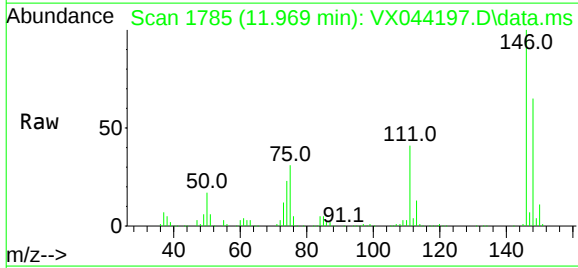
91 25.5 13.0 38.9





#87
1,3-Dichlorobenzene
Concen: 52.521 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

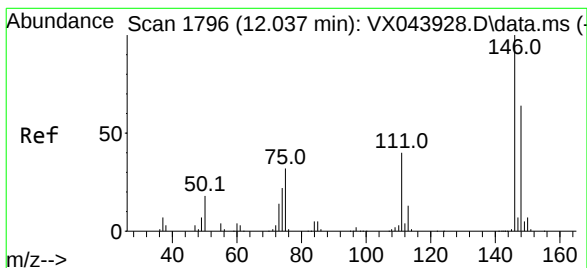
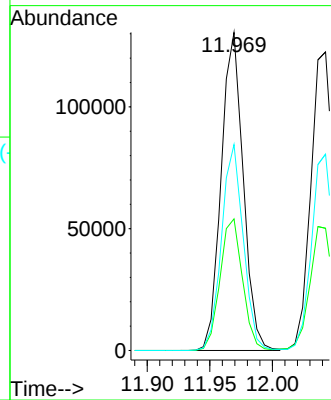
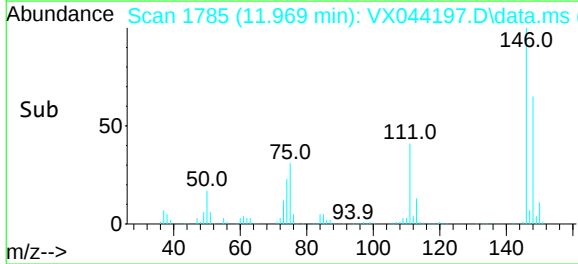
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



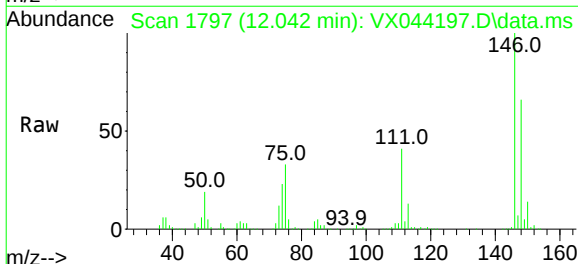
Tgt Ion:146 Resp: 159843
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 64.0 31.7 95.1

Manual Integrations
APPROVED

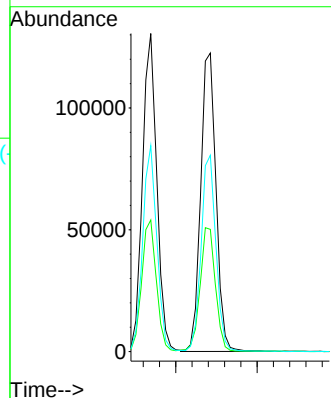
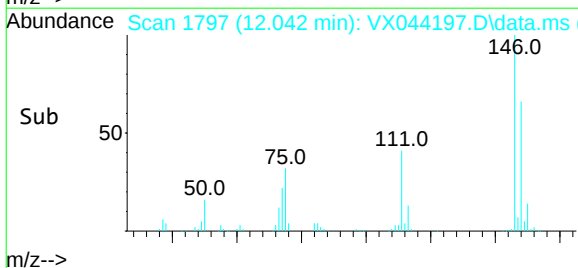
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

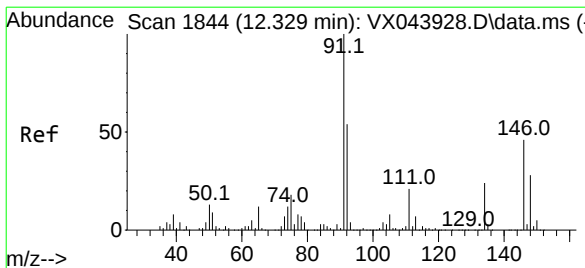


#88
1,4-Dichlorobenzene
Concen: 51.665 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43



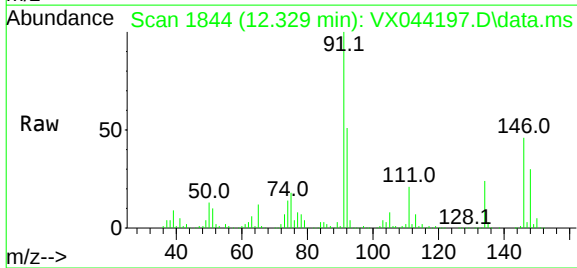
Tgt Ion:146 Resp: 160310
Ion Ratio Lower Upper
146 100
111 42.0 20.1 60.3
148 64.1 30.9 92.8





#89
n-Butylbenzene
Concen: 56.576 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

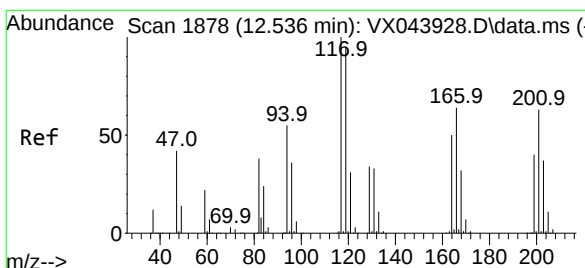
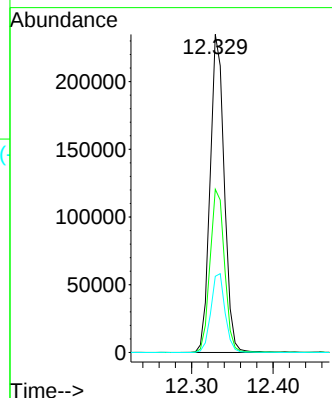
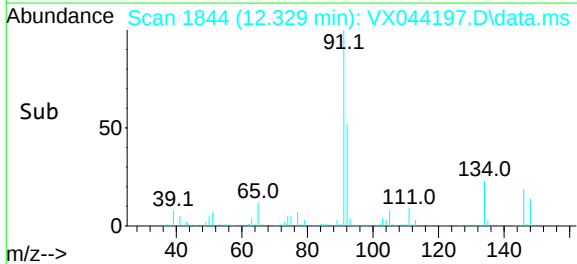
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 283567
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.8
134 25.0 12.4 37.2

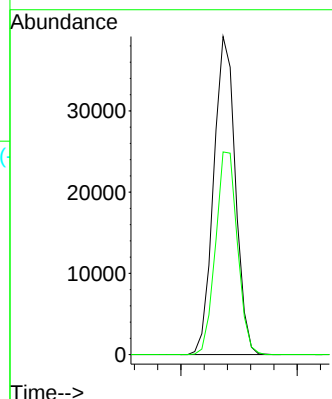
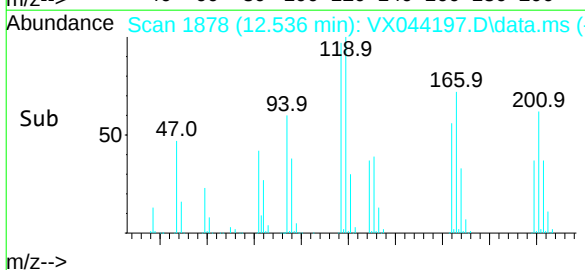
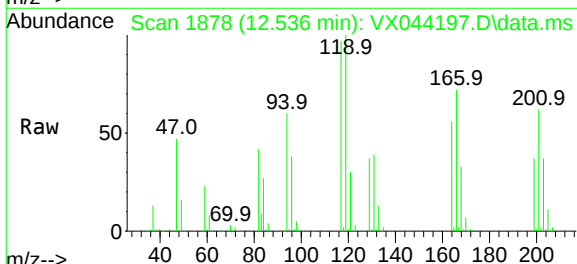
Manual Integrations
APPROVED

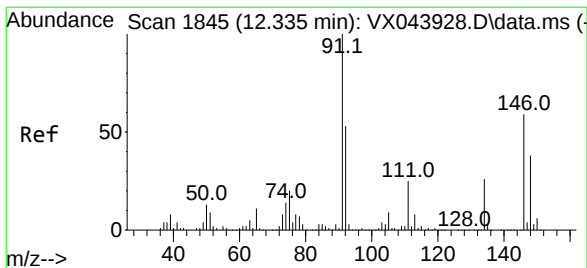
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#90
Hexachloroethane
Concen: 52.654 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044197.D
Acq: 10 Dec 2024 10:43

Tgt Ion:117 Resp: 50899
Ion Ratio Lower Upper
117 100
201 64.1 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 53.506 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044197.D

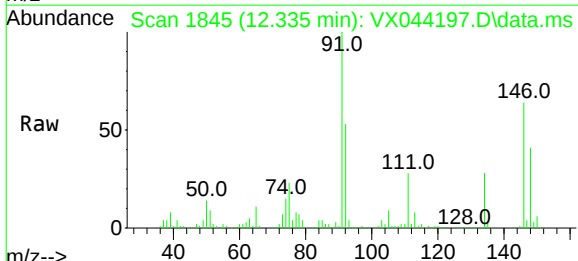
Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 146 Resp: 164337

Ion Ratio Lower Upper

146 100

111 44.3 21.5 64.5

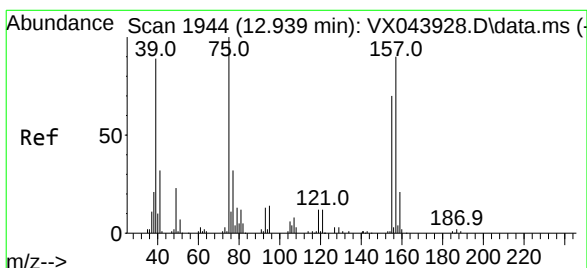
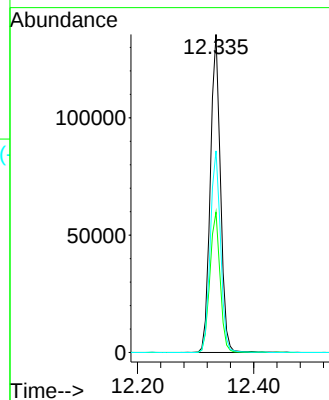
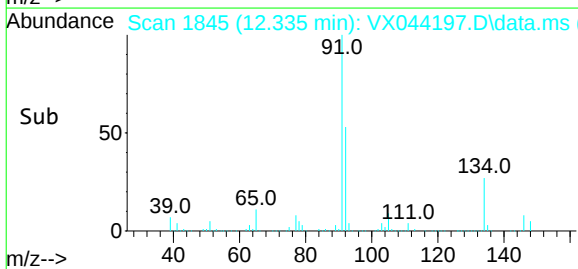
148 63.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.434 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

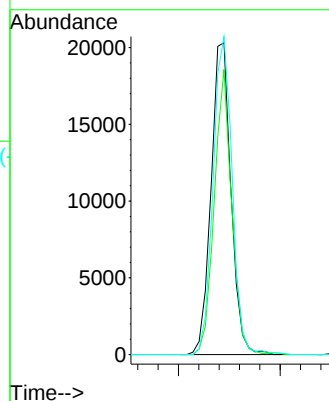
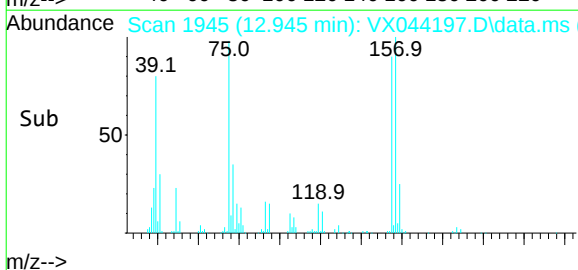
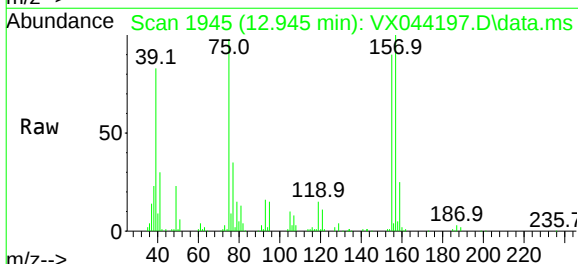
Tgt Ion: 75 Resp: 27603

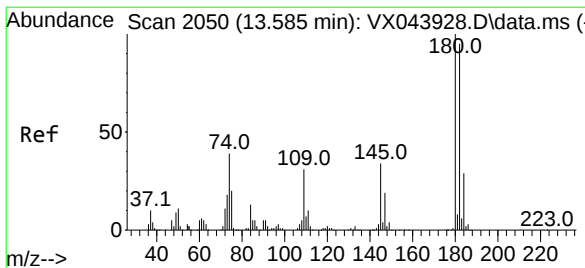
Ion Ratio Lower Upper

75 100

155 80.2 40.1 120.2

157 97.8 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 53.404 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

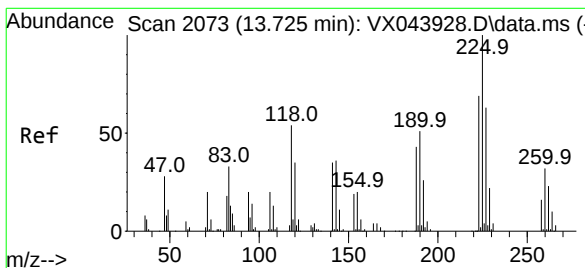
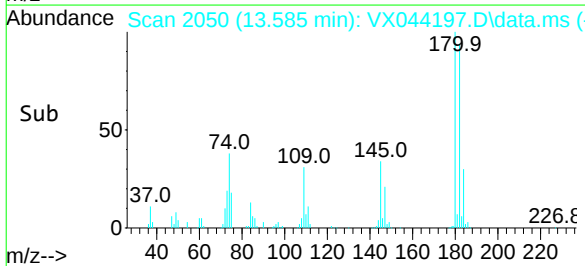
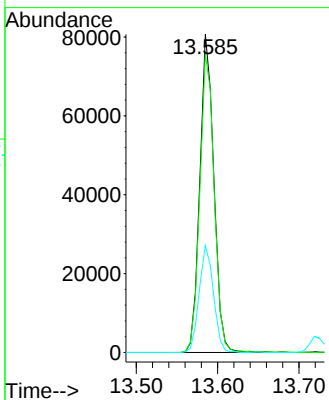
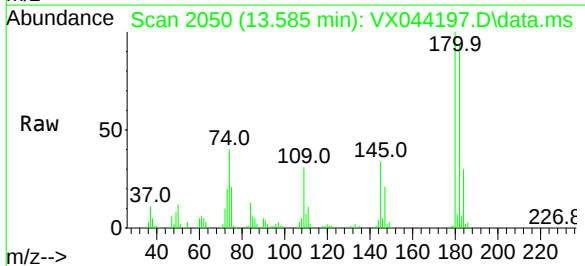
Tgt Ion:	180	Resp:	96701
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.0	144.2
145	34.3	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#94

Hexachlorobutadiene

Concen: 54.716 ug/l

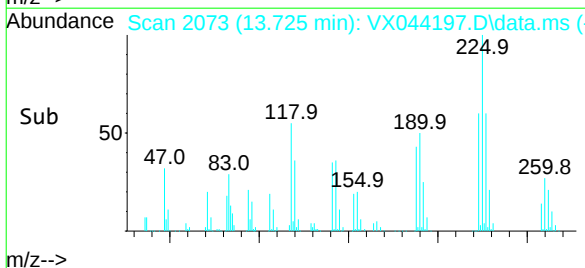
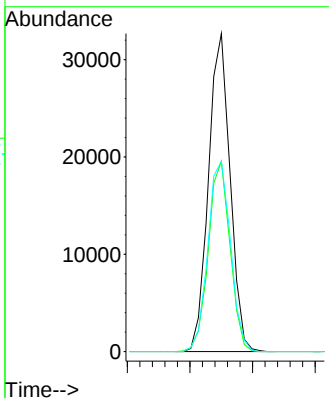
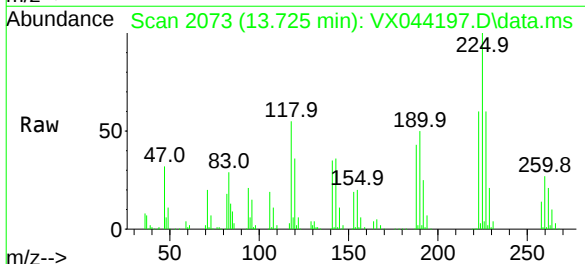
RT: 13.725 min Scan# 2073

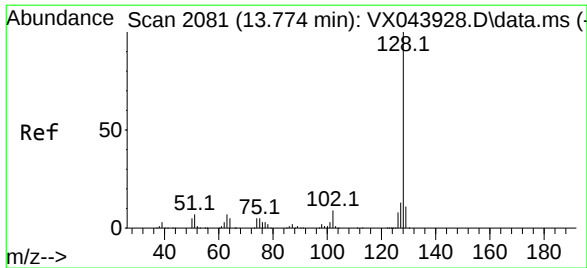
Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Tgt Ion:	225	Resp:	39157
Ion Ratio	Lower	Upper	
225	100		
223	59.9	32.9	98.6
227	63.1	31.6	94.8





#95

Naphthalene

Concen: 58.572 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

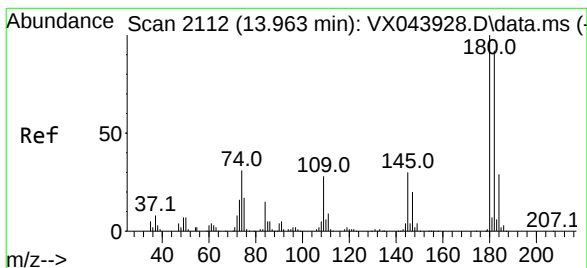
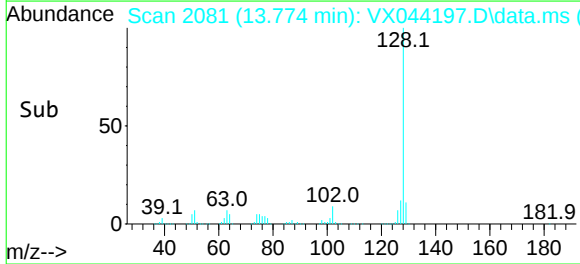
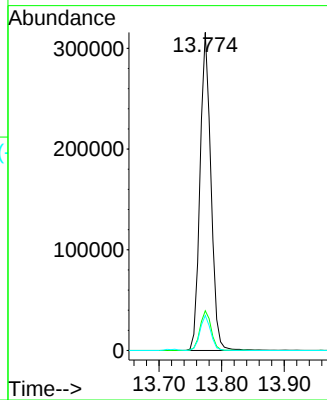
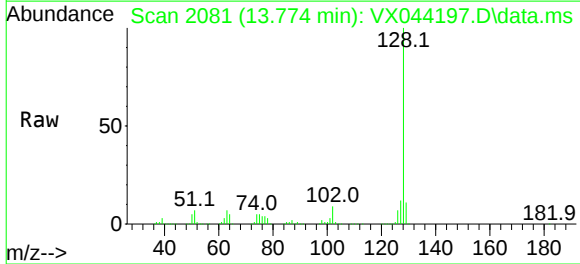
Tgt Ion:	128	Resp:	381783
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 55.461 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Tgt Ion:	180	Resp:	101647
Ion Ratio	Lower	Upper	
180	100		
182	92.5	45.6	136.8
145	34.5	16.4	49.4

