

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044466.D
 Acq On : 23 Dec 2024 08:49
 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 23 21:50:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	98270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	155098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72225	41.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.840%		
35) Dibromofluoromethane	5.379	113	57719	53.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.460%		
50) Toluene-d8	8.641	98	193768	53.468	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.940%		
62) 4-Bromofluorobenzene	11.079	95	64363	50.827	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81189	53.431	ug/l	95
3) Chloromethane	1.294	50	72049	49.584	ug/l	97
4) Vinyl Chloride	1.380	62	70604	46.640	ug/l	98
5) Bromomethane	1.599	94	47151	43.904	ug/l	98
6) Chloroethane	1.666	64	39107	41.487	ug/l	100
7) Trichlorofluoromethane	1.867	101	127064	42.875	ug/l	99
8) Diethyl Ether	2.130	74	38233	37.795	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	65130	54.311	ug/l	95
10) Methyl Iodide	2.447	142	70995	44.919	ug/l	97
11) Tert butyl alcohol	2.989	59	17549	72.268	ug/l #	71
12) 1,1-Dichloroethene	2.312	96	55954	50.798	ug/l	97
13) Acrolein	2.233	56	61730	175.615	ug/l	100
14) Allyl chloride	2.654	41	85968	46.857	ug/l	98
15) Acrylonitrile	3.062	53	157669	234.398	ug/l	99
16) Acetone	2.386	43	144825	206.174	ug/l	95
17) Carbon Disulfide	2.501	76	97346	46.493	ug/l	100
18) Methyl Acetate	2.703	43	81261	44.867	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	189369	44.056	ug/l	98
20) Methylene Chloride	2.782	84	58446	44.299	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	55872	47.727	ug/l	95
22) Diisopropyl ether	3.751	45	185514	44.904	ug/l	88
23) Vinyl Acetate	3.715	43	783324	233.215	ug/l	97
24) 1,1-Dichloroethane	3.599	63	106007	46.032	ug/l	98
25) 2-Butanone	4.556	43	209192	209.482	ug/l	99
26) 2,2-Dichloropropane	4.464	77	95219	50.896	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	68850	46.309	ug/l	95
28) Bromochloromethane	4.891	49	46458	41.140	ug/l	95
29) Tetrahydrofuran	5.001	42	135710	211.723	ug/l	100
30) Chloroform	5.080	83	114443	44.231	ug/l	98
31) Cyclohexane	5.458	56	94719	50.934	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	101477	47.248	ug/l	99
36) 1,1-Dichloropropene	5.684	75	77076	55.509	ug/l	99
37) Ethyl Acetate	4.702	43	82758	48.216	ug/l	97
38) Carbon Tetrachloride	5.665	117	82491	55.181	ug/l	98
39) Methylcyclohexane	7.372	83	101951	61.418	ug/l	97
40) Benzene	6.025	78	229329	54.397	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	42994	47.172	ug/l	94
42) 1,2-Dichloroethane	6.074	62	83638	48.161	ug/l	97
43) Isopropyl Acetate	6.336	43	128551	47.918	ug/l	97
44) Trichloroethene	7.116	130	58165	55.326	ug/l	94
45) 1,2-Dichloropropane	7.421	63	56311	52.281	ug/l	99
46) Dibromomethane	7.574	93	43787	52.402	ug/l	96
47) Bromodichloromethane	7.818	83	78361	54.300	ug/l	100
48) Methyl methacrylate	7.690	41	61073	46.898	ug/l	96
49) 1,4-Dioxane	7.677	88	21715	1005.738	ug/l #	84
51) 4-Methyl-2-Pentanone	8.573	43	402283	233.216	ug/l	99
52) Toluene	8.714	92	140179	52.949	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	74563	48.256	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	85414	54.358	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	56021	53.264	ug/l	95
56) Ethyl methacrylate	9.116	69	81680	49.194	ug/l	95
57) 1,3-Dichloropropane	9.305	76	94586	51.667	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	203293	242.753	ug/l	97
59) 2-Hexanone	9.433	43	291491	233.464	ug/l	97
60) Dibromochloromethane	9.518	129	54898	49.335	ug/l	100
61) 1,2-Dibromoethane	9.604	107	56628	52.895	ug/l	98
64) Tetrachloroethene	9.268	164	51836	60.182	ug/l	98
65) Chlorobenzene	10.079	112	148588	53.435	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	50561	56.575	ug/l	100
67) Ethyl Benzene	10.189	91	250606	52.159	ug/l	96
68) m/p-Xylenes	10.299	106	193976	110.024	ug/l	96
69) o-Xylene	10.640	106	94957	53.232	ug/l	93
70) Styrene	10.652	104	155555	54.396	ug/l	95
71) Bromoform	10.799	173	32723	52.112	ug/l #	99
73) Isopropylbenzene	10.957	105	246838	54.392	ug/l	99
74) N-amyl acetate	10.841	43	101119	48.214	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	82068	52.066	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	66533m	50.267	ug/l	
77) Bromobenzene	11.195	156	58269	52.949	ug/l	97
78) n-propylbenzene	11.299	91	278932	55.610	ug/l	99
79) 2-Chlorotoluene	11.360	91	166232	51.245	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	202499	53.807	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22335	48.538	ug/l	98
82) 4-Chlorotoluene	11.451	91	190339	52.988	ug/l	100
83) tert-Butylbenzene	11.713	119	202328	54.400	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	206380	55.839	ug/l	99
85) sec-Butylbenzene	11.890	105	245317	54.332	ug/l	99
86) p-Isopropyltoluene	12.006	119	207299	55.162	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	103109	53.639	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	106265	53.777	ug/l	98
89) n-Butylbenzene	12.329	91	173517	54.910	ug/l	100
90) Hexachloroethane	12.536	117	30390	55.398	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	106046	53.130	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15164	49.558	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	61001	55.746	ug/l	99
94) Hexachlorobutadiene	13.719	225	25708	58.407	ug/l	98
95) Naphthalene	13.774	128	225150	52.712	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	63159	54.418	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

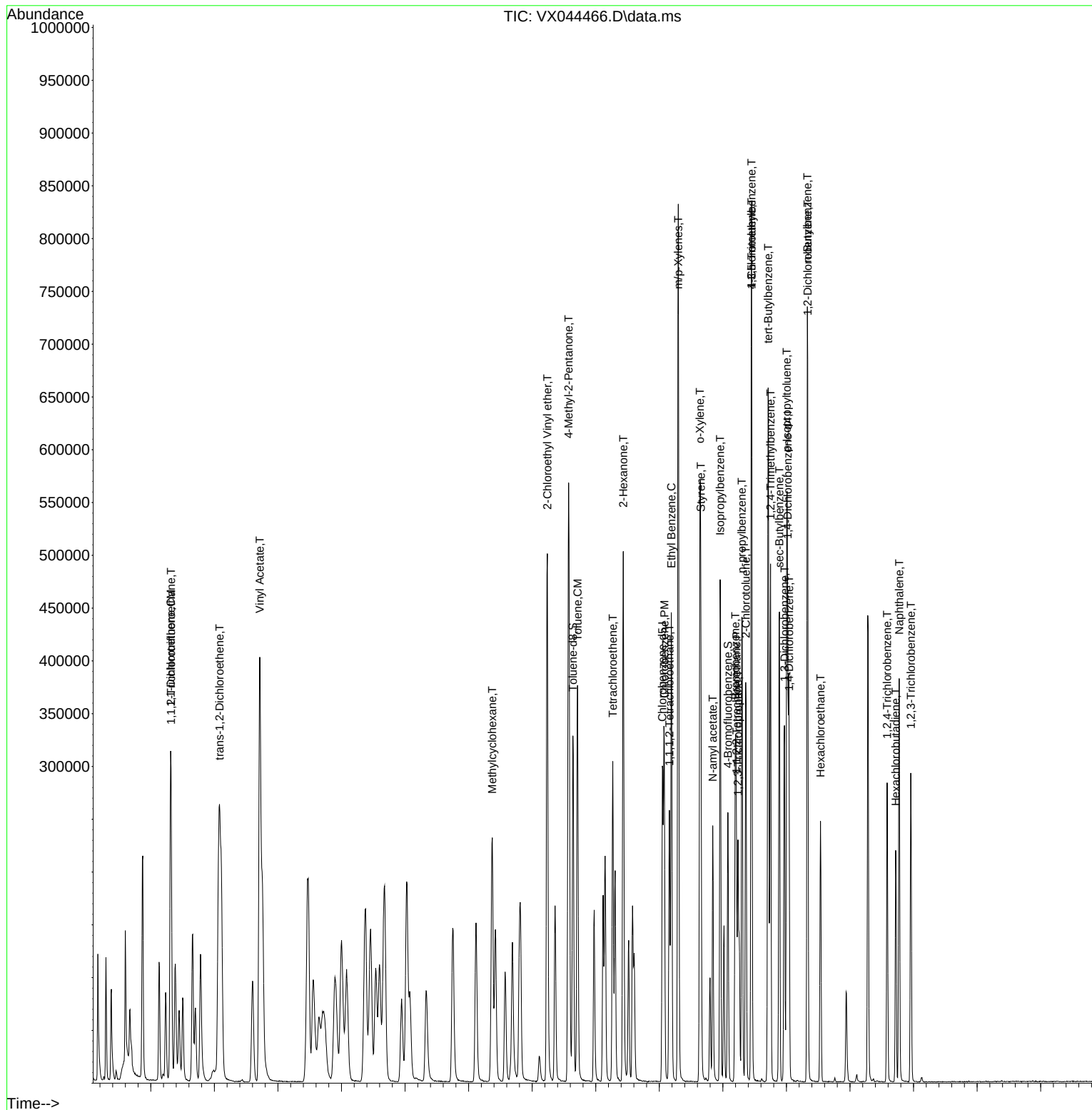
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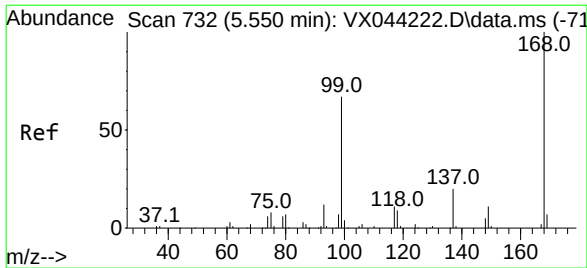
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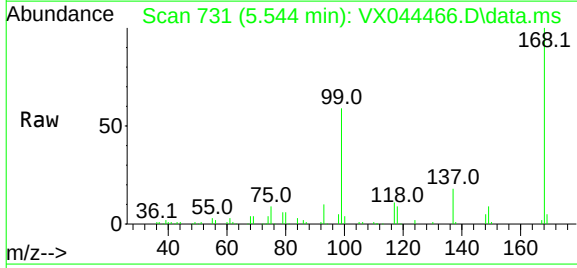
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044466.D
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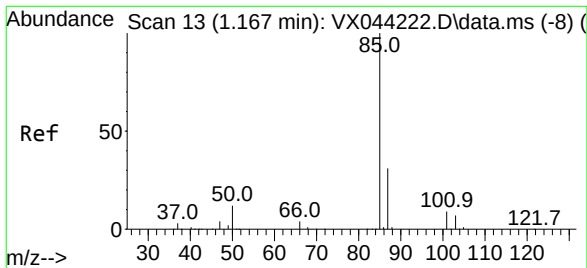
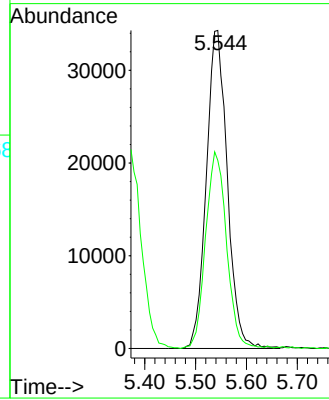
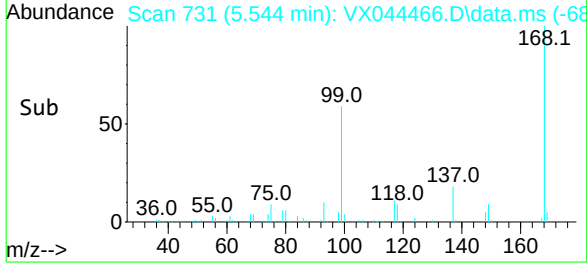
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 98270
Ion Ratio Lower Upper
168 100
99 59.1 53.4 80.0

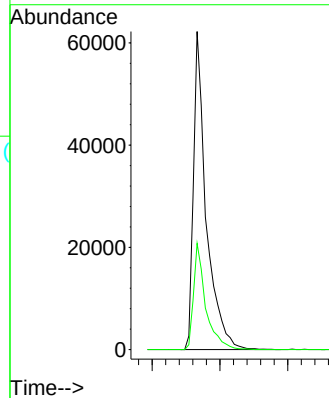
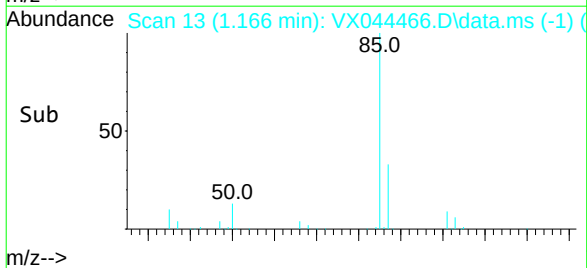
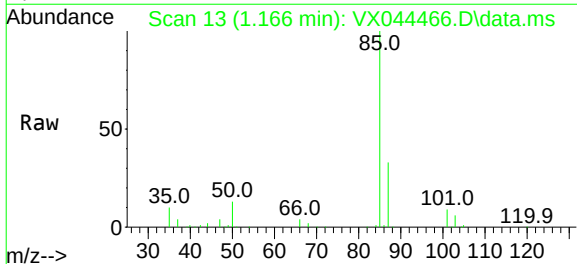
Manual Integrations
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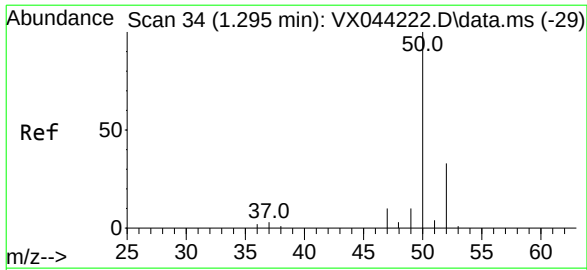
Reviewed By : John Carlone 12/26/2024
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#2
Dichlorodifluoromethane
Concen: 53.431 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

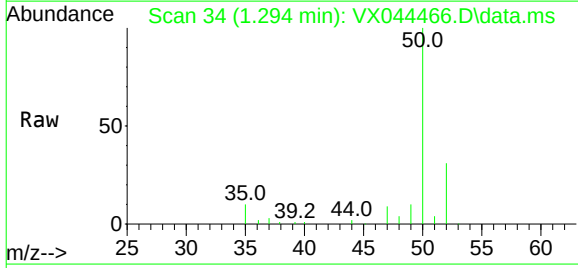
Tgt Ion: 85 Resp: 81189
Ion Ratio Lower Upper
85 100
87 33.4 15.4 46.4





#3
Chloromethane
Concen: 49.584 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

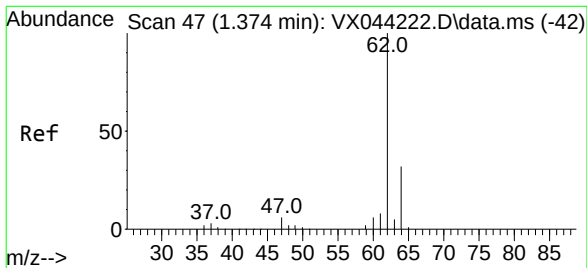
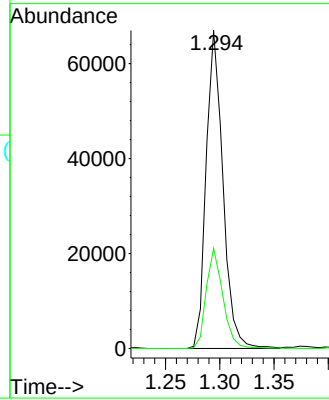
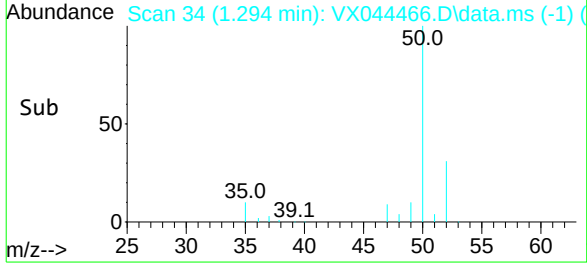
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 72049
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7

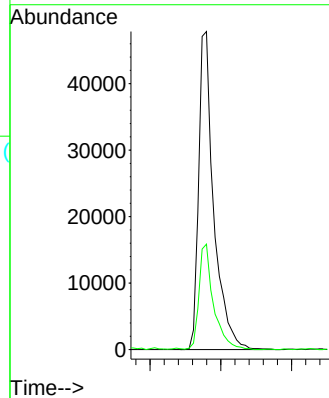
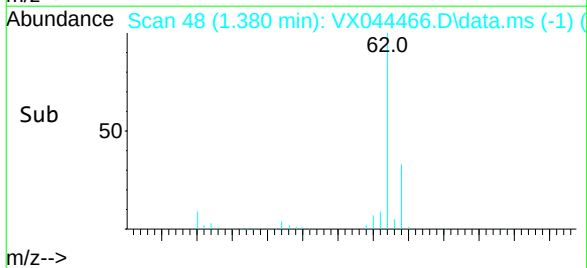
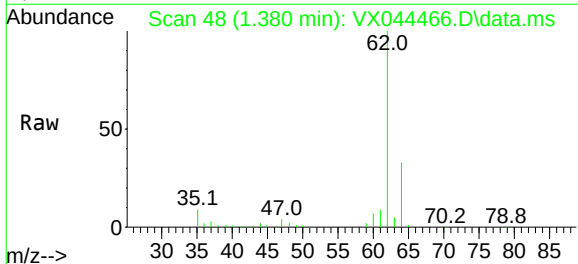
Manual Integrations
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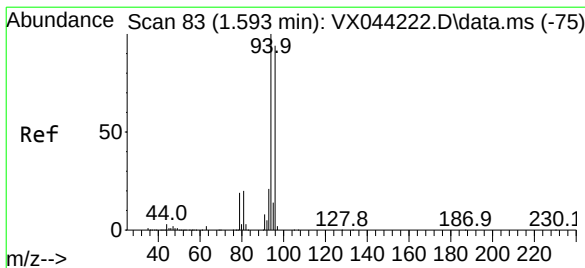
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#4
Vinyl Chloride
Concen: 46.640 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

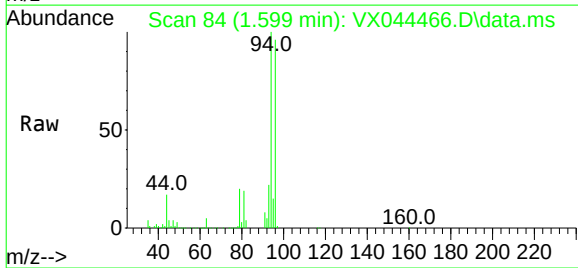
Tgt Ion: 62 Resp: 70604
Ion Ratio Lower Upper
62 100
64 33.2 25.7 38.5





#5
Bromomethane
Concen: 43.904 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

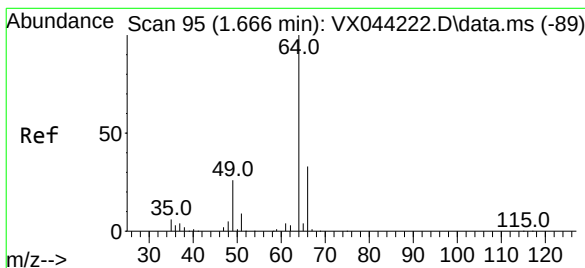
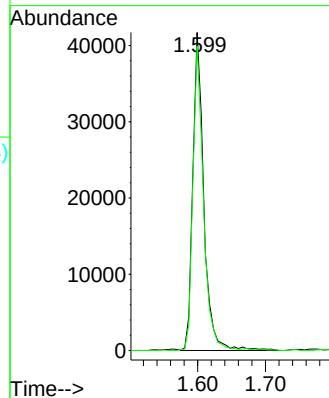
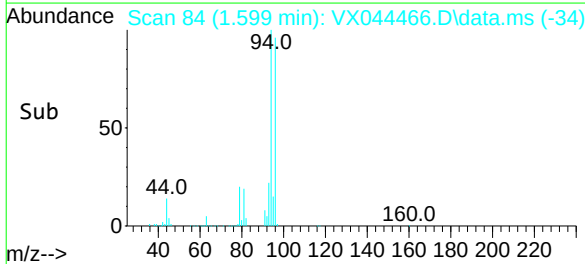
Instrument :
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Tgt Ion: 94 Resp: 47151
Ion Ratio Lower Upper
94 100
96 95.7 74.9 112.3

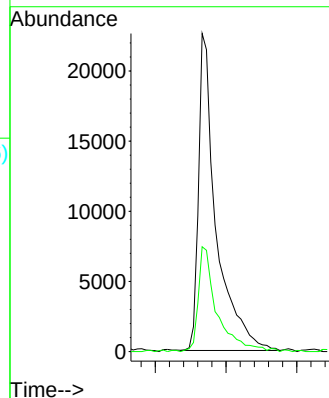
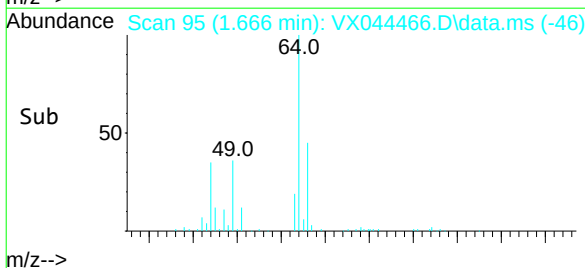
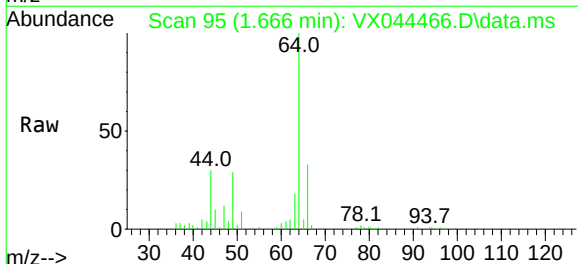
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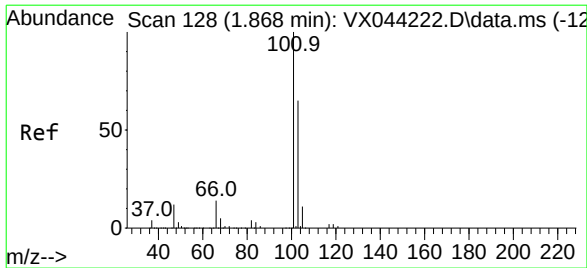
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#6
Chloroethane
Concen: 41.487 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

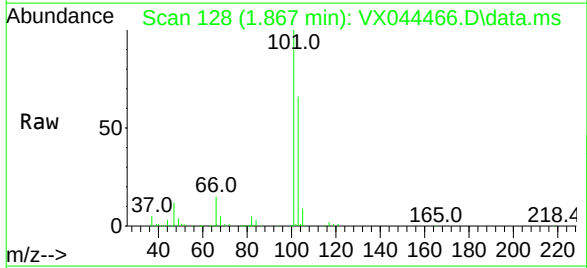
Tgt Ion: 64 Resp: 39107
Ion Ratio Lower Upper
64 100
66 33.1 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 42.875 ug/l
 RT: 1.867 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VX044466.D
 Acq: 23 Dec 2024 08:49

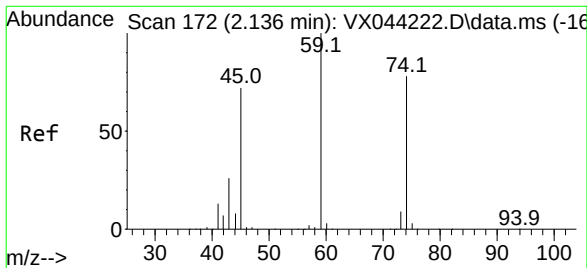
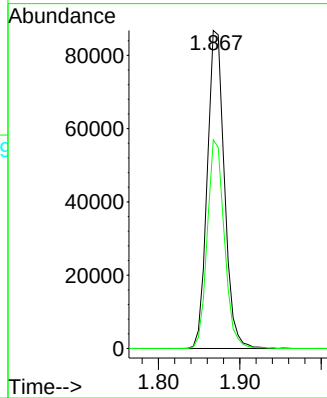
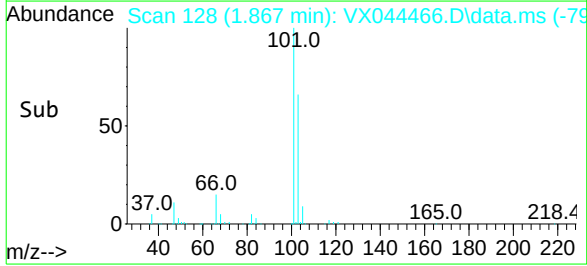
Instrument :
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 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 127064
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.8 77.8

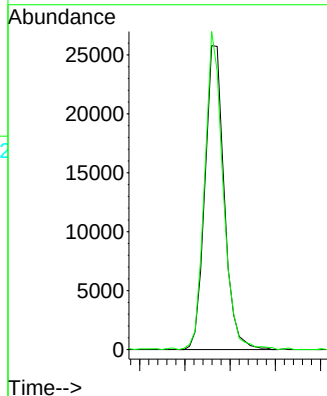
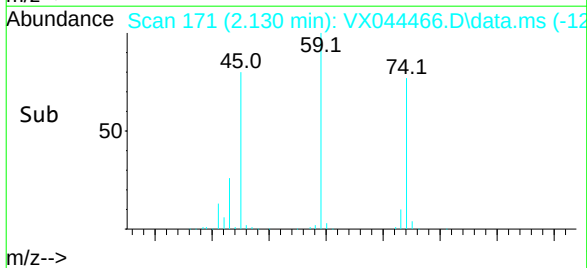
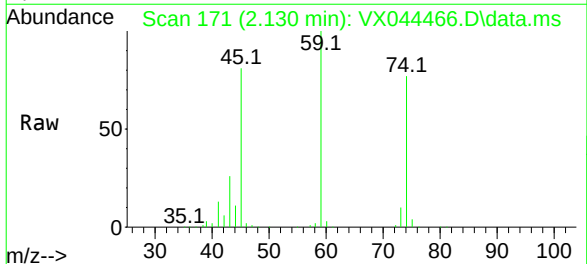
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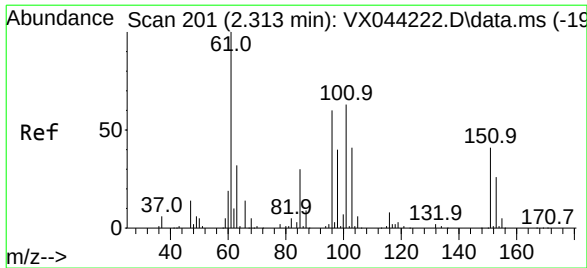
Reviewed By :John Carlone 12/26/2024
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#8
 Diethyl Ether
 Concen: 37.795 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044466.D
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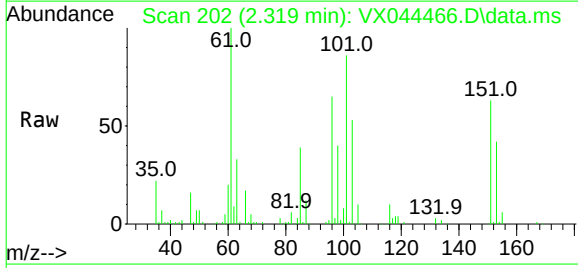
Tgt Ion: 74 Resp: 38233
 Ion Ratio Lower Upper
 74 100
 45 100.4 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.311 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

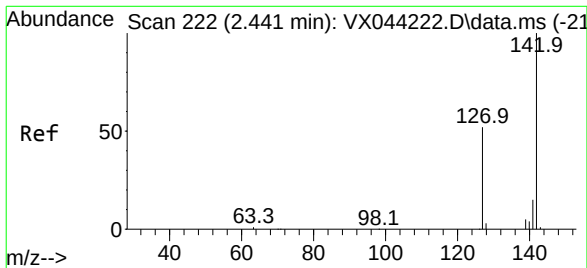
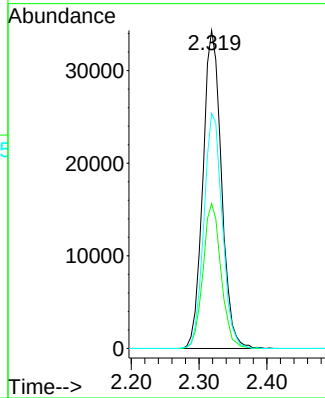
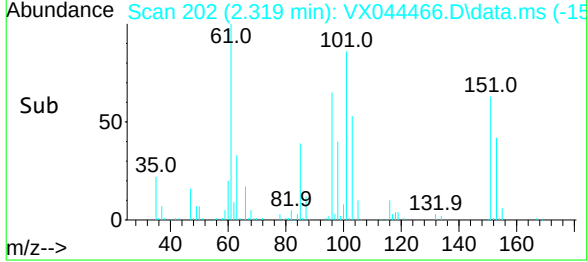
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



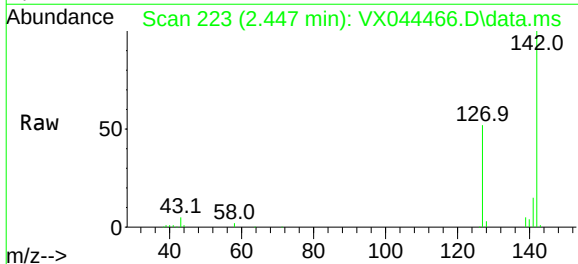
Tgt Ion:101 Resp: 65136
Ion Ratio Lower Upper
101 100
85 44.4 38.5 57.7
151 73.4 55.8 83.6

Manual Integrations
APPROVED

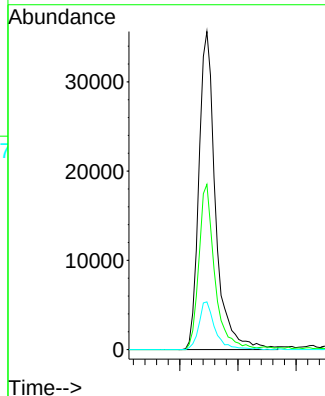
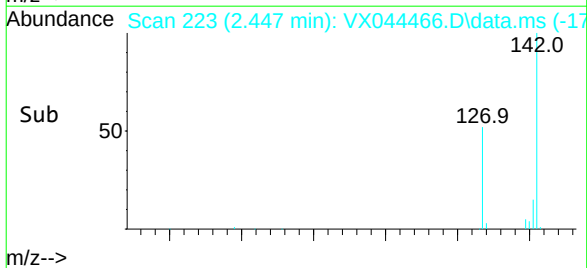
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

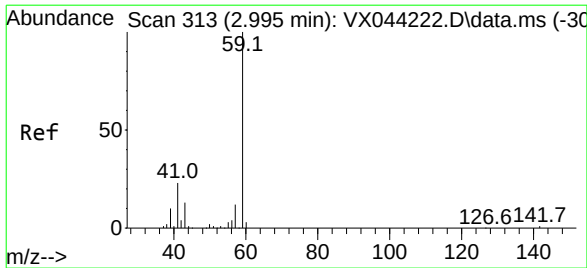


#10
Methyl Iodide
Concen: 44.919 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49



Tgt Ion:142 Resp: 70995
Ion Ratio Lower Upper
142 100
127 49.4 41.8 62.8
141 14.7 11.5 17.3





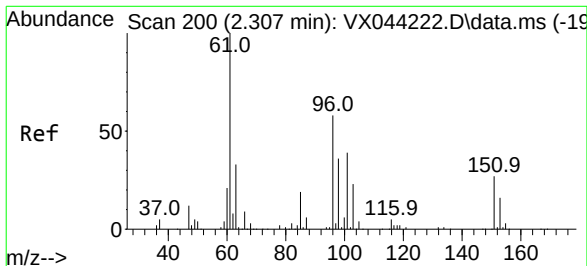
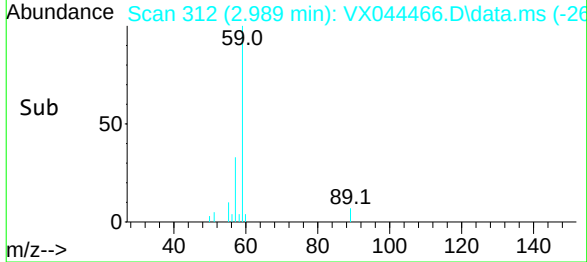
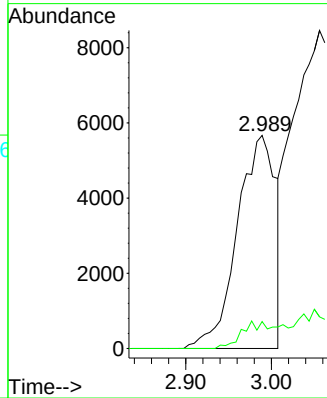
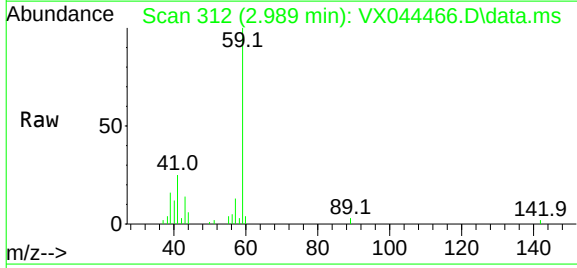
#11
Tert butyl alcohol
Concen: 72.268 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 17549
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

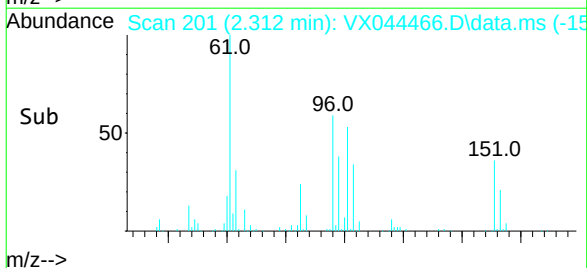
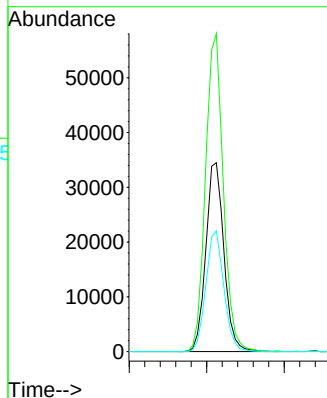
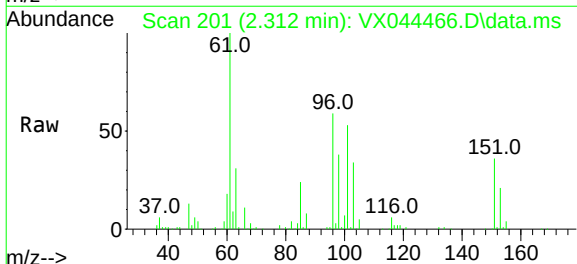
Manual Integrations
APPROVED

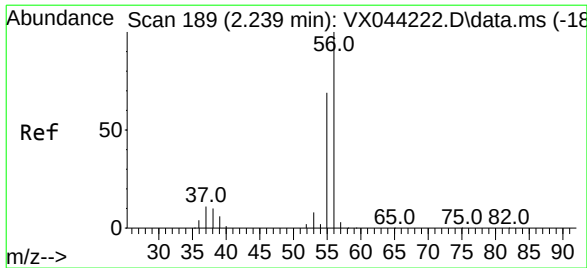
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#12
1,1-Dichloroethene
Concen: 50.798 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

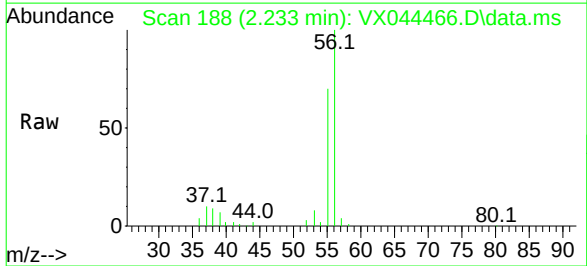
Tgt Ion: 96 Resp: 55954
Ion Ratio Lower Upper
96 100
61 168.4 138.0 207.0
98 63.9 50.0 75.0





#13
Acrolein
Concen: 175.615 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

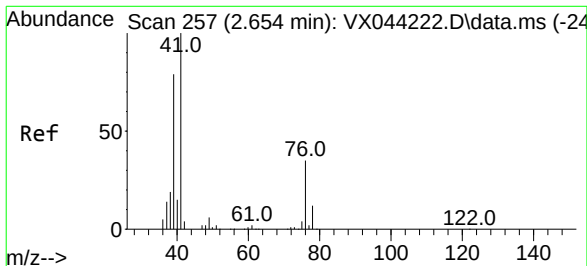
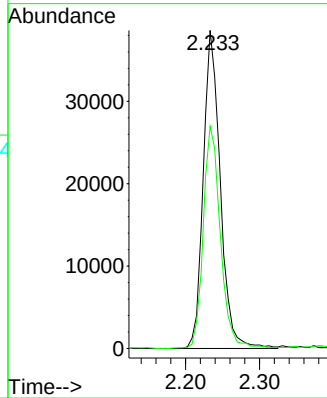
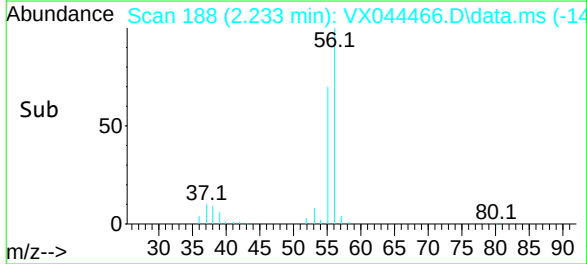
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 61736
Ion Ratio Lower Upper
56 100
55 70.5 56.6 84.8

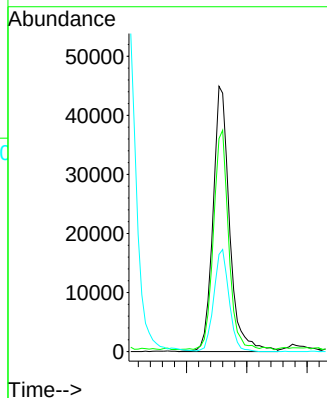
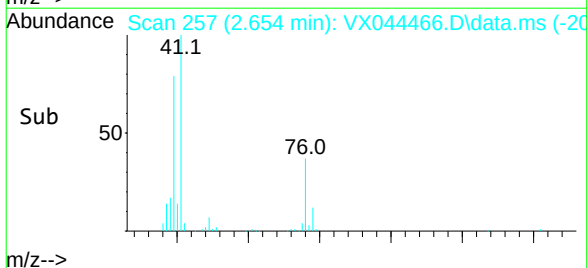
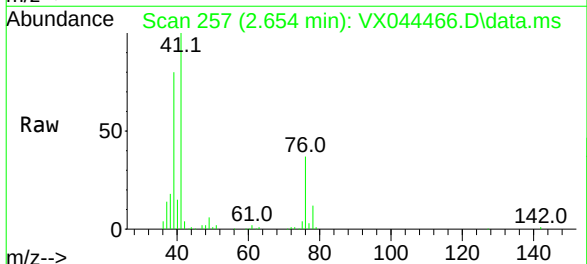
Manual Integrations
APPROVED

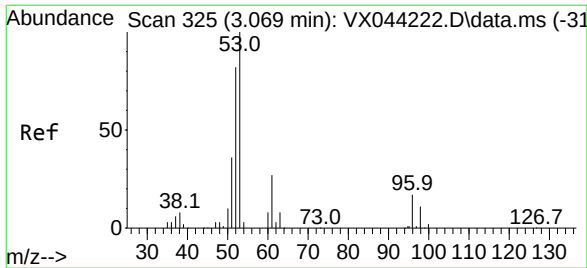
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#14
Allyl chloride
Concen: 46.857 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 41 Resp: 85968
Ion Ratio Lower Upper
41 100
39 75.3 61.9 92.9
76 35.2 27.4 41.2





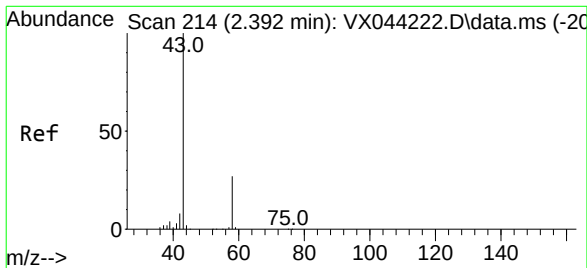
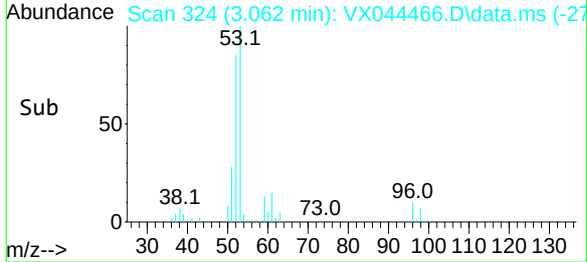
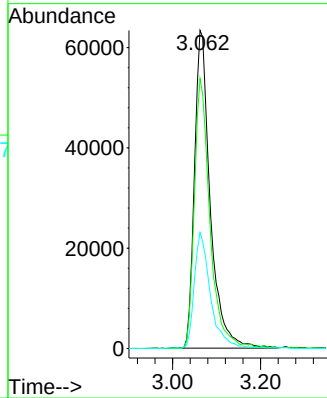
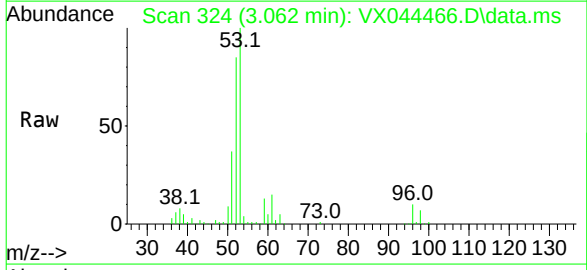
#15
Acrylonitrile
Concen: 234.398 ug/l
RT: 3.062 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 157669
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.0
51 36.8 30.3 45.5

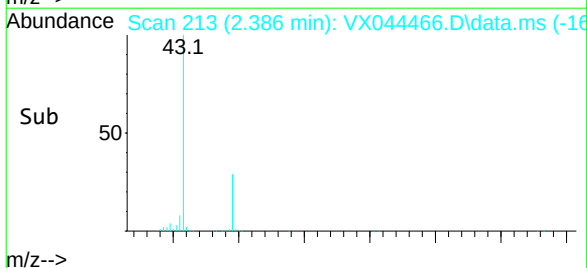
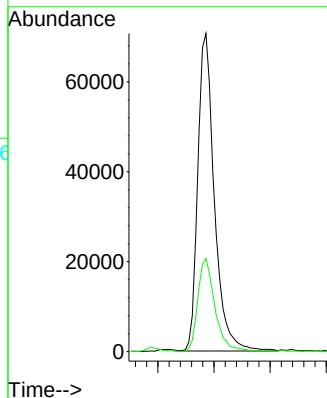
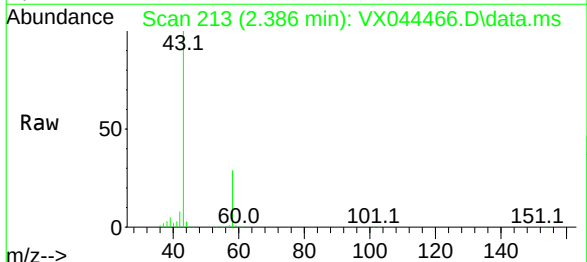
Manual Integrations
APPROVED

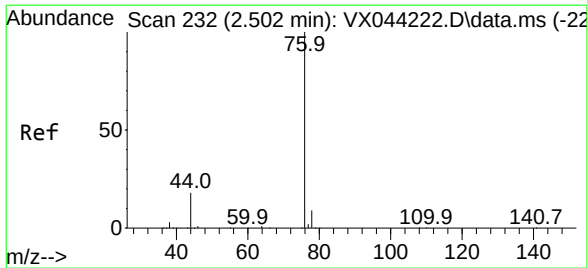
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 206.174 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 144825
Ion Ratio Lower Upper
43 100
58 29.3 21.6 32.4





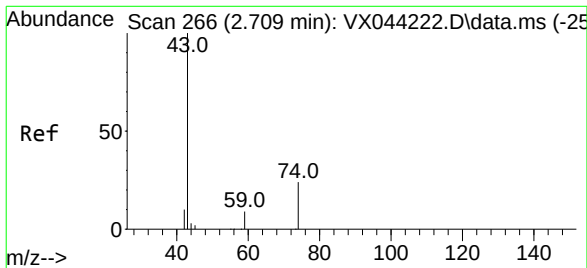
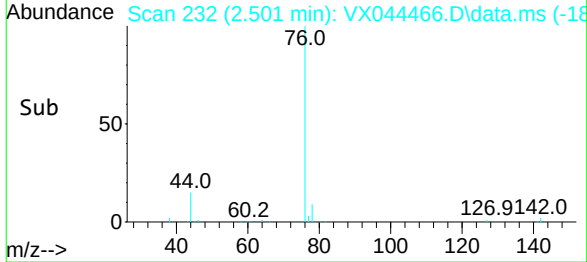
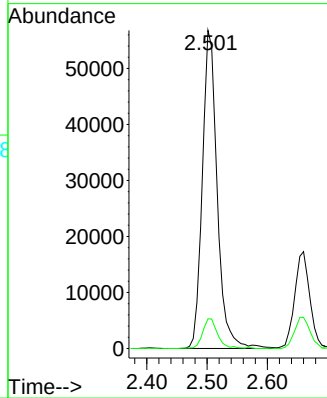
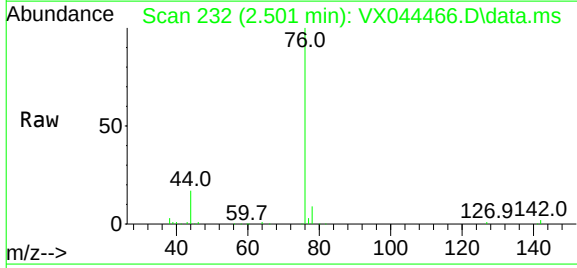
#17
Carbon Disulfide
Concen: 46.493 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 97346
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

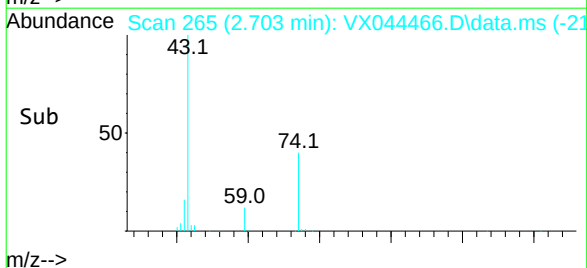
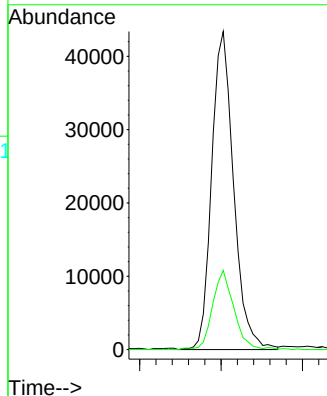
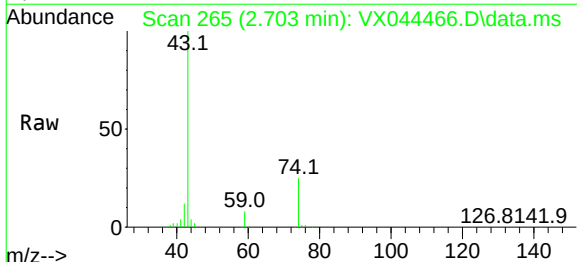
Manual Integrations
APPROVED

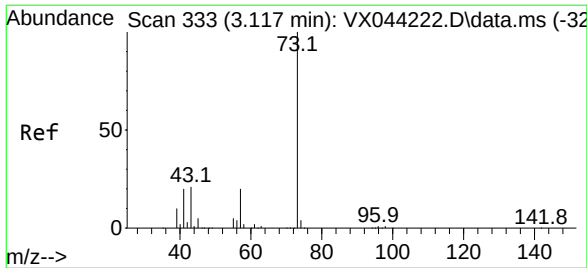
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#18
Methyl Acetate
Concen: 44.867 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 81261
Ion Ratio Lower Upper
43 100
74 24.4 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 44.056 ug/l

RT: 3.111 min Scan# 333

Delta R.T. -0.006 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 189369

Ion Ratio Lower Upper

73 100

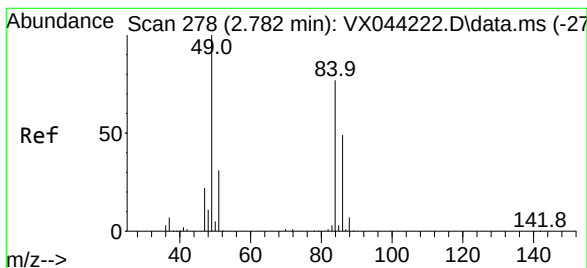
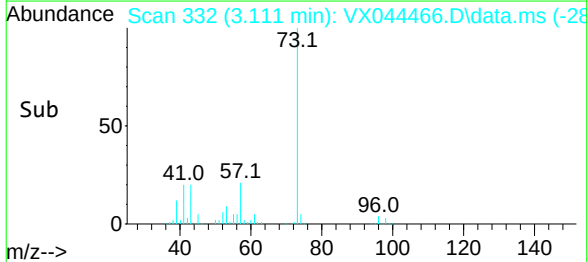
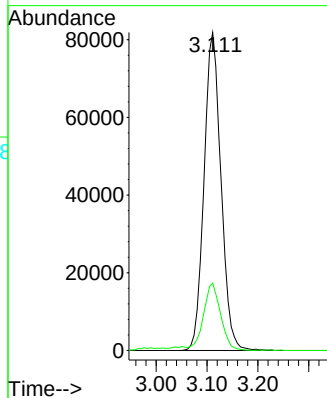
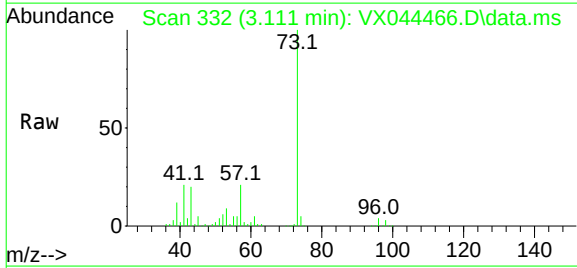
57 21.1 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#20

Methylene Chloride

Concen: 44.299 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Tgt Ion: 84 Resp: 58446

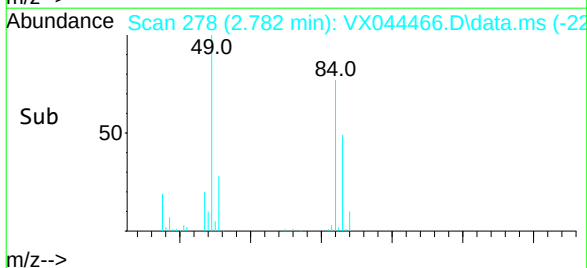
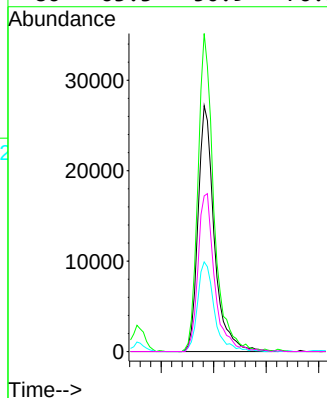
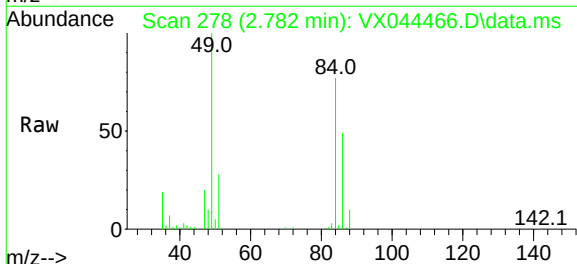
Ion Ratio Lower Upper

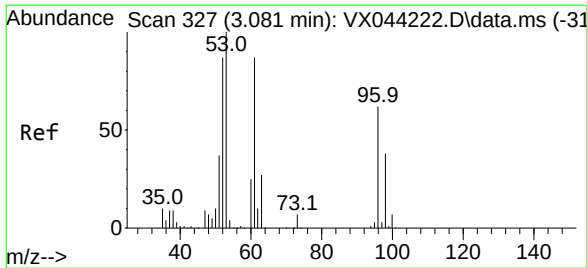
84 100

49 129.3 104.2 156.4

51 36.5 32.2 48.4

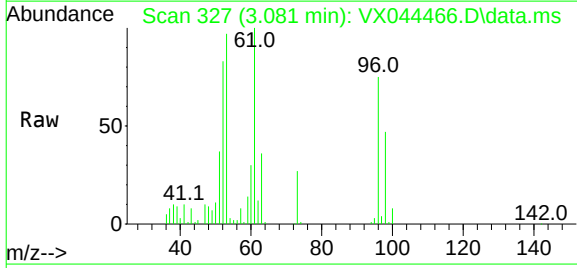
86 63.3 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 47.727 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

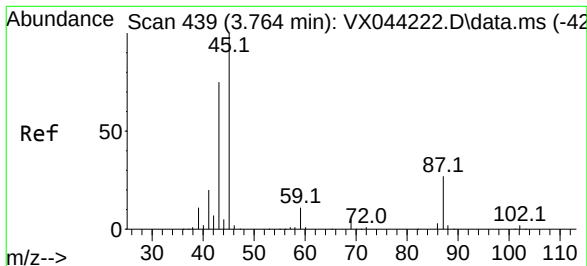
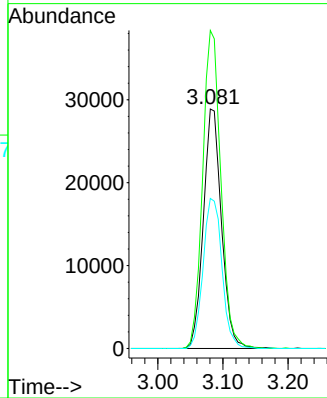
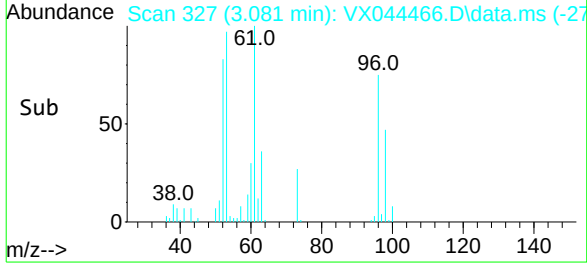
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



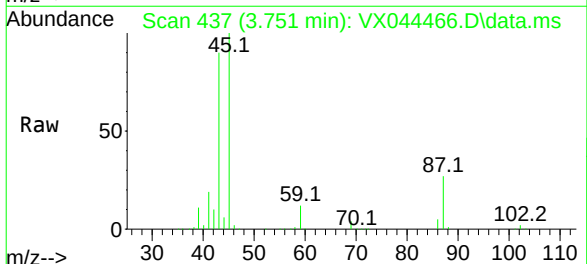
Tgt Ion: 96 Resp: 55872
Ion Ratio Lower Upper
96 100
61 132.8 112.0 168.0
98 62.7 48.8 73.2

Manual Integrations
APPROVED

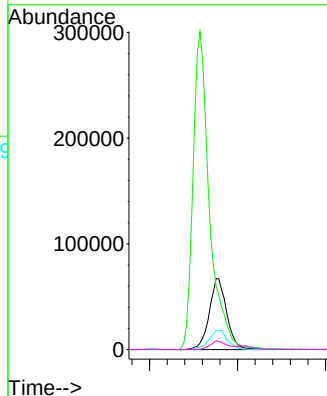
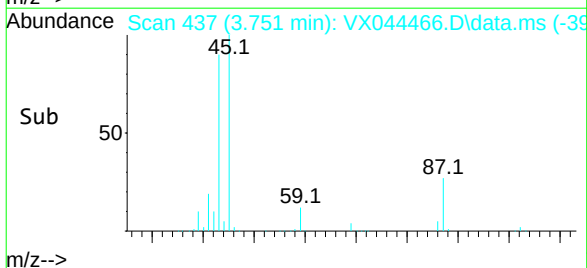
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

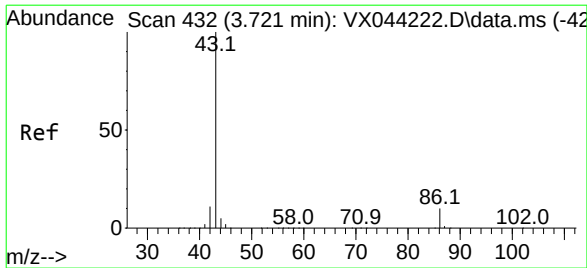


#22
Diisopropyl ether
Concen: 44.904 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49



Tgt Ion: 45 Resp: 185514
Ion Ratio Lower Upper
45 100
43 89.8 60.2 90.2
87 26.8 21.2 31.8
59 12.3 8.9 13.3





#23

Vinyl Acetate

Concen: 233.215 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.006 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 783324

Ion Ratio Lower Upper

43 100

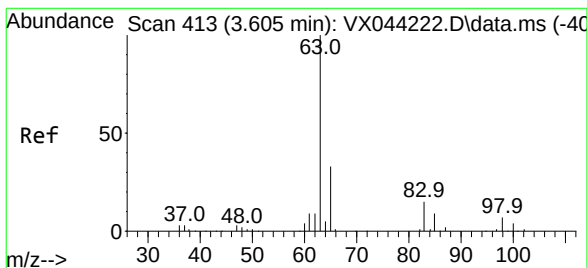
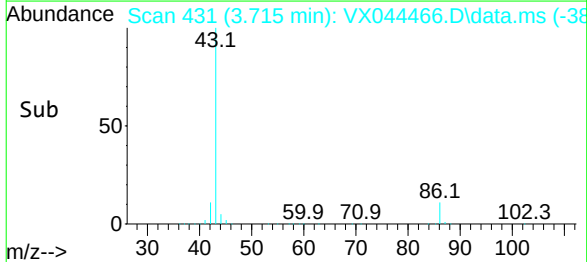
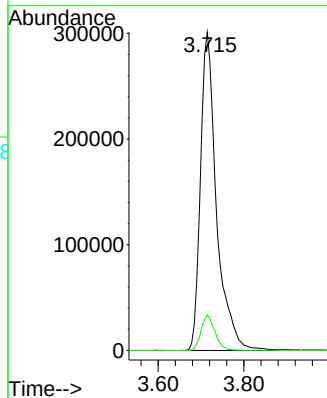
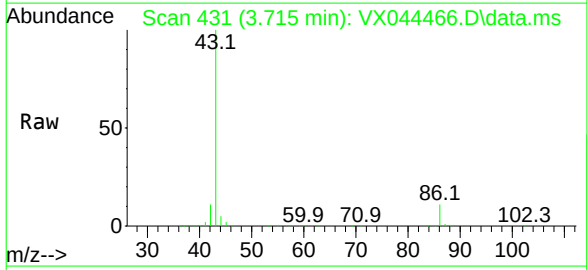
86 11.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#24

1,1-Dichloroethane

Concen: 46.032 ug/l

RT: 3.599 min Scan# 412

Delta R.T. -0.006 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

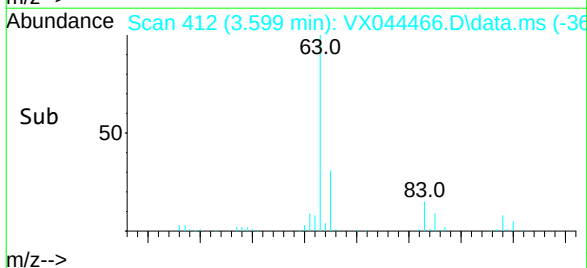
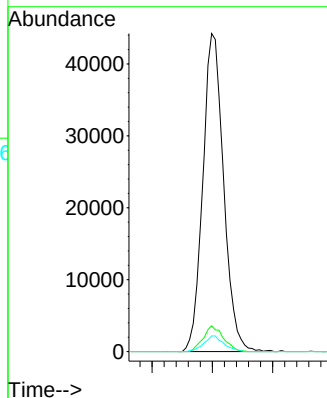
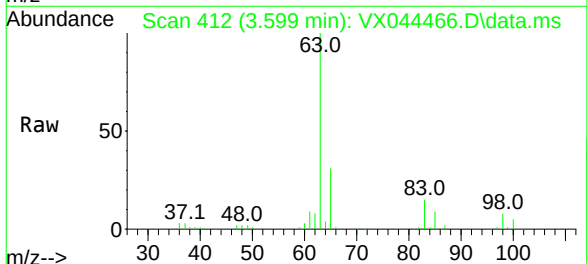
Tgt Ion: 63 Resp: 106007

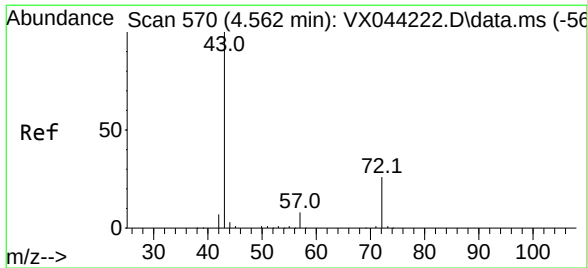
Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.8

100 4.9 2.1 6.3





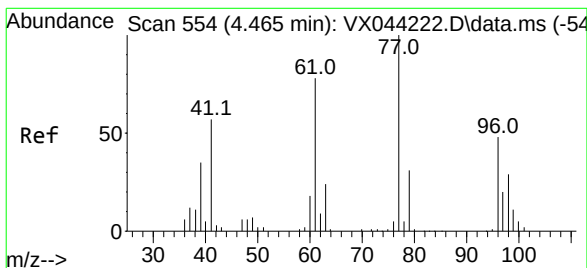
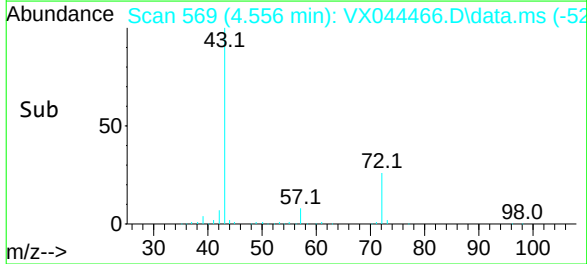
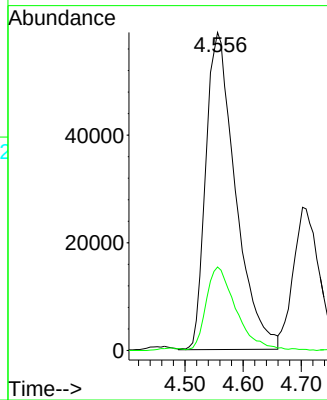
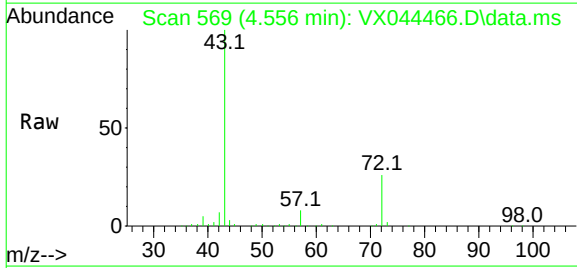
#25
2-Butanone
Concen: 209.482 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 209192
Ion Ratio Lower Upper
43 100
72 25.8 20.2 30.4

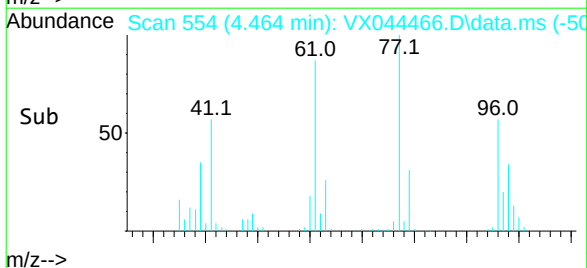
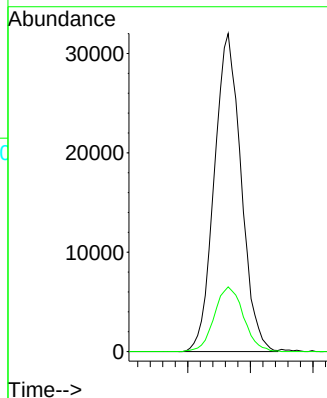
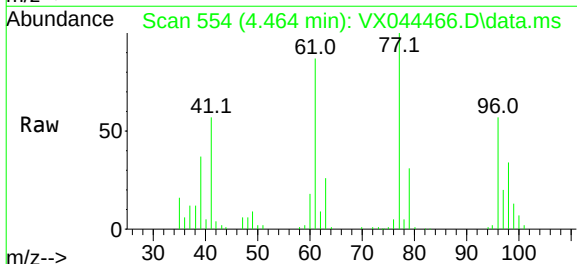
Manual Integrations
APPROVED

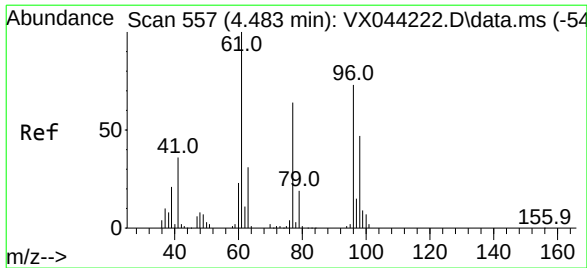
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 50.896 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 77 Resp: 95219
Ion Ratio Lower Upper
77 100
97 22.1 10.7 32.1





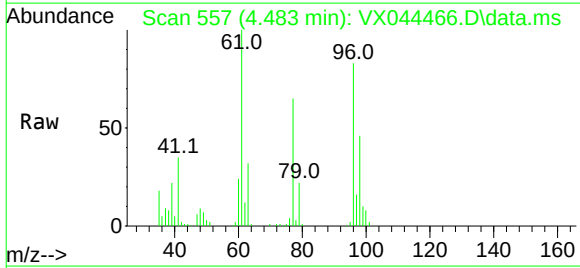
#27
 cis-1,2-Dichloroethene
 Concen: 46.309 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX044466.D
 Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



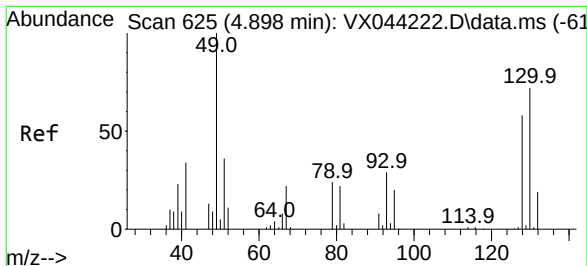
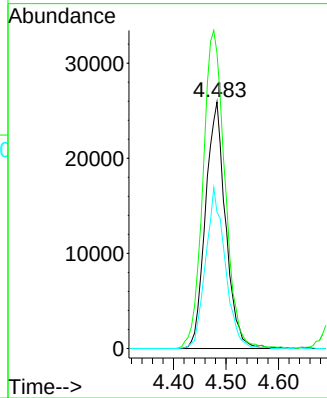
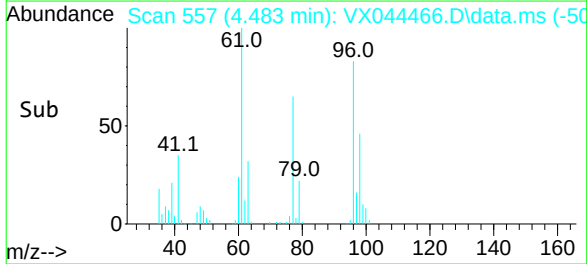
Tgt Ion: 96 Resp: 68850
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 299.0
 98 63.7 0.0 129.0

Manual Integrations

APPROVED

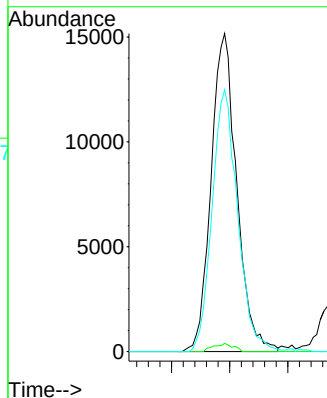
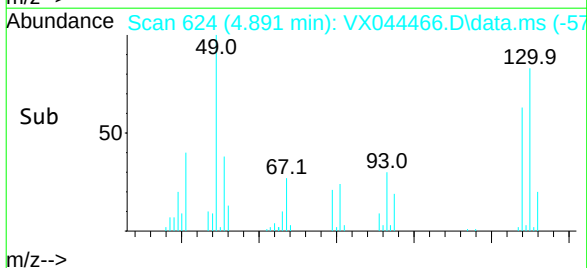
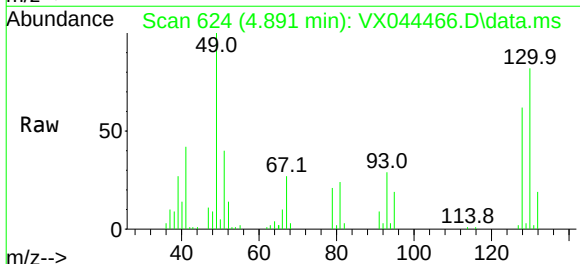
Reviewed By :John Carlone 12/26/2024

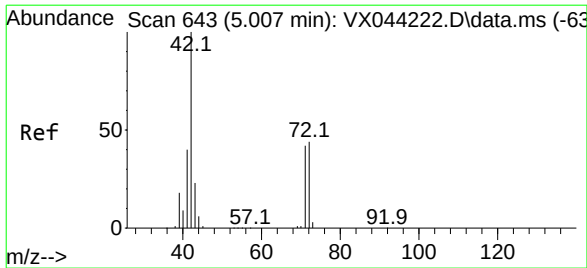
Supervised By :Mahesh Dadoda 12/26/2024



#28
 Bromochloromethane
 Concen: 41.140 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX044466.D
 Acq: 23 Dec 2024 08:49

Tgt Ion: 49 Resp: 46458
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 82.1 62.1 93.1





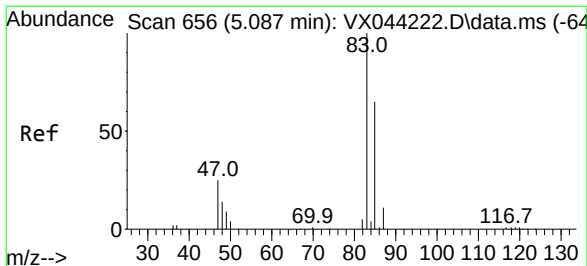
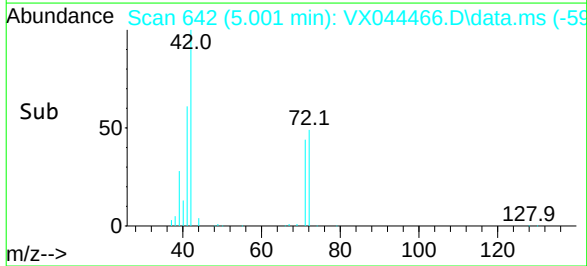
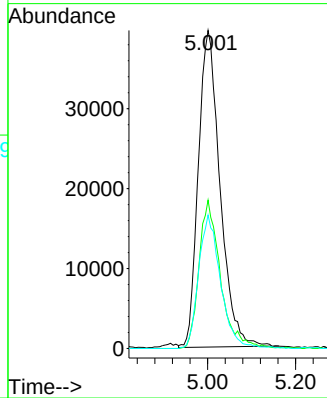
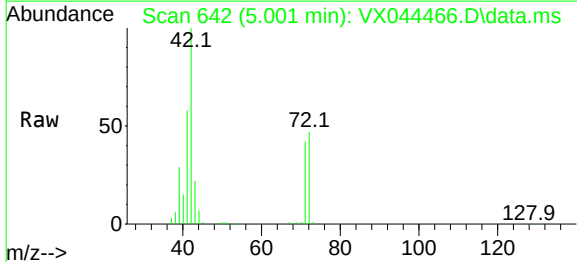
#29
Tetrahydrofuran
Concen: 211.723 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 135710
Ion Ratio Lower Upper
42 100
72 46.3 37.0 55.6
71 42.3 33.6 50.4

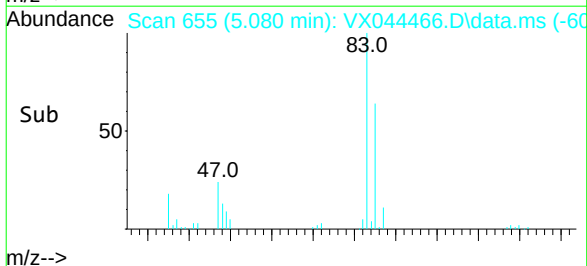
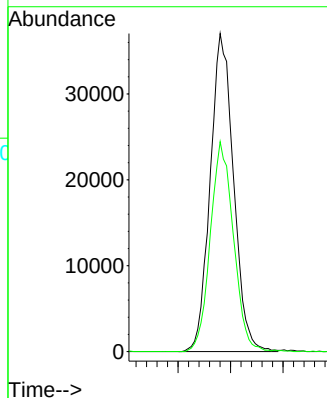
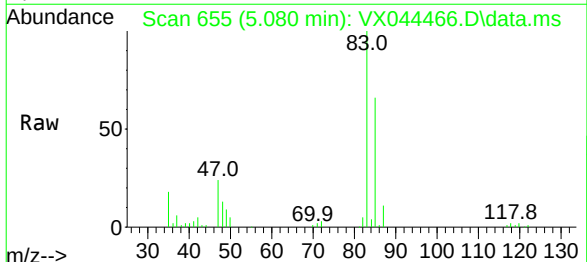
Manual Integrations
APPROVED

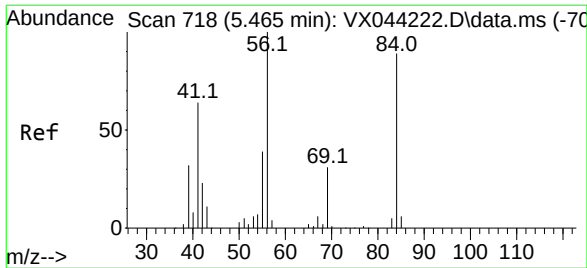
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 44.231 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 83 Resp: 114443
Ion Ratio Lower Upper
83 100
85 66.0 51.6 77.4





#31

Cyclohexane

Concen: 50.934 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 94719

Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

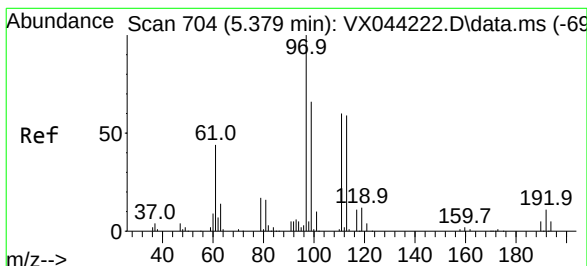
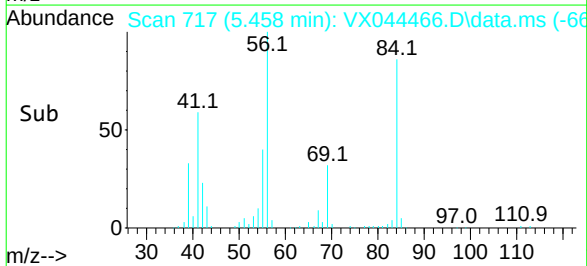
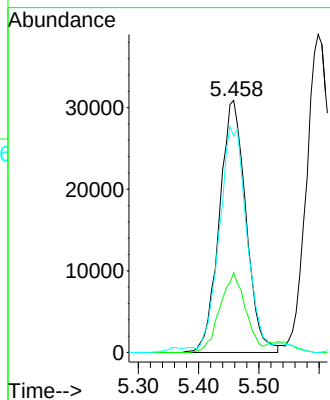
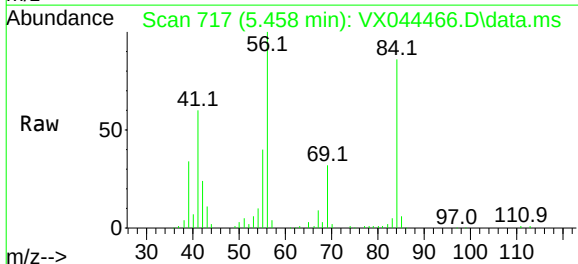
84 84.1 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#32

1,1,1-Trichloroethane

Concen: 47.248 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

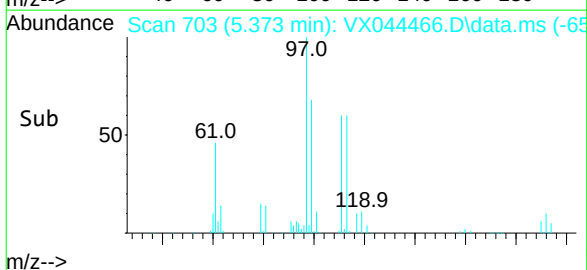
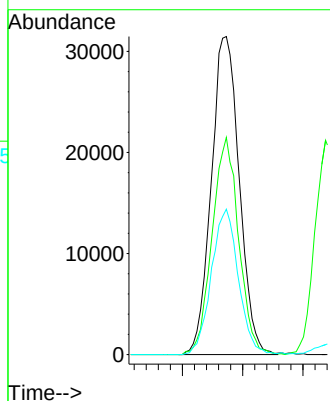
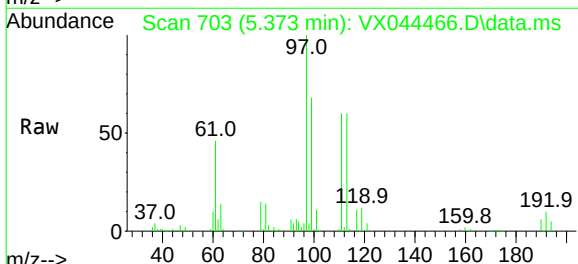
Tgt Ion: 97 Resp: 101477

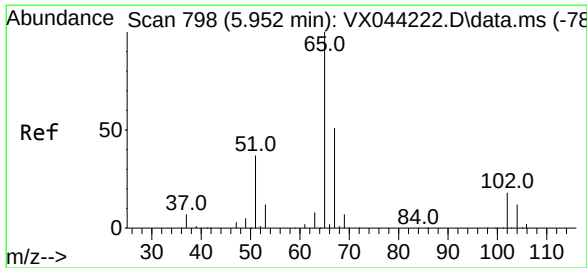
Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

61 44.1 35.2 52.8





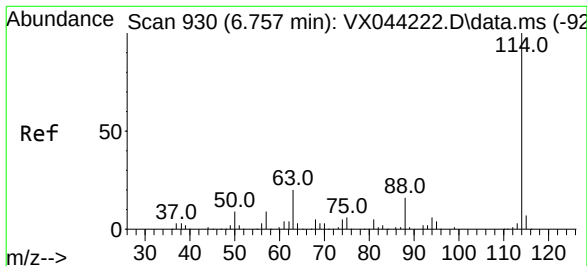
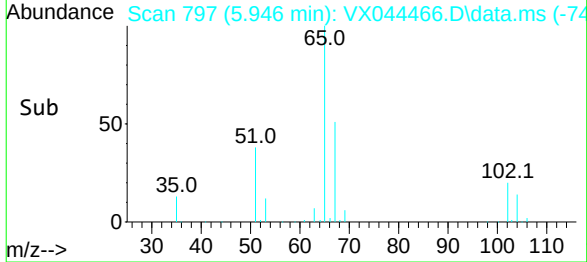
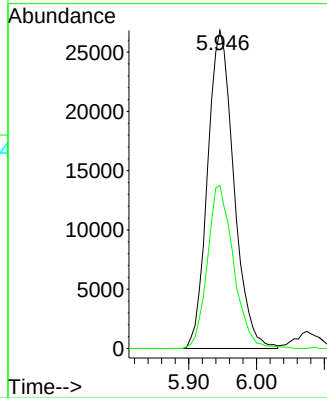
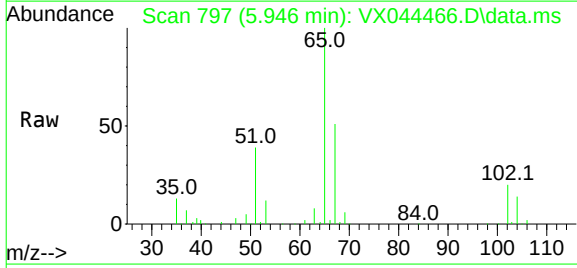
#33
1,2-Dichloroethane-d4
Concen: 41.918 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 72225
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.6

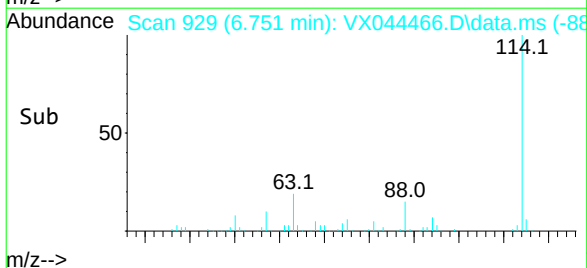
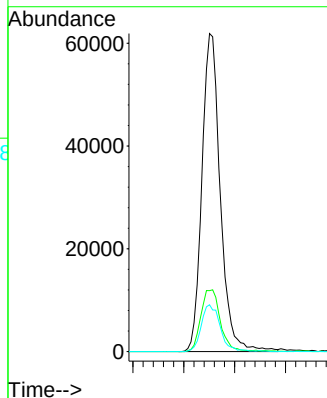
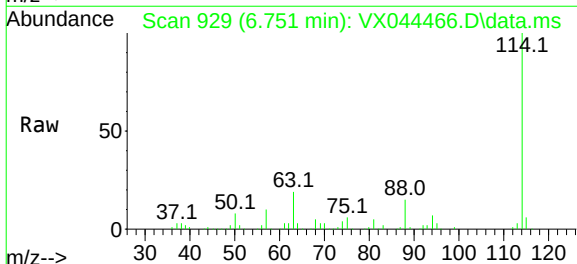
Manual Integrations
APPROVED

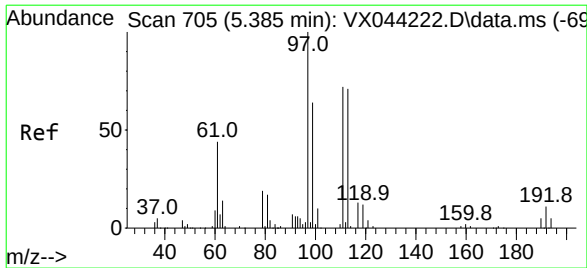
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:114 Resp: 155098
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.6
88 14.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.732 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

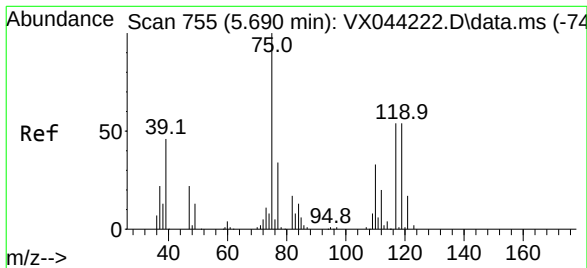
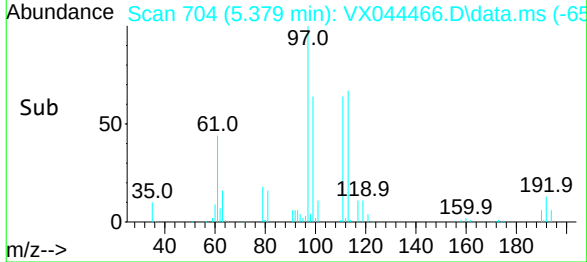
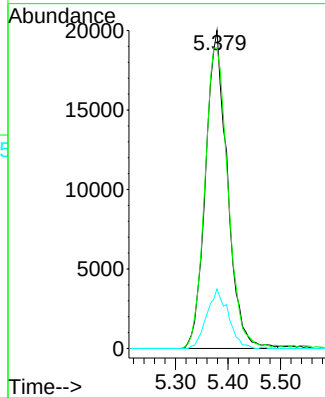
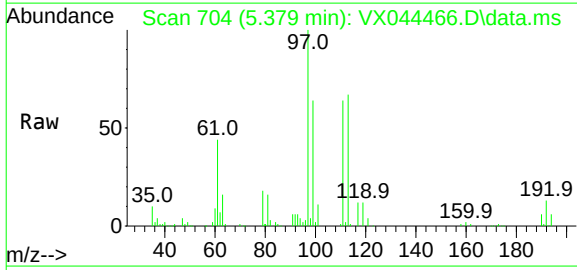
Tgt Ion:	113	Resp:	57719
Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.4	120.6
192	18.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#36

1,1-Dichloropropene

Concen: 55.509 ug/l

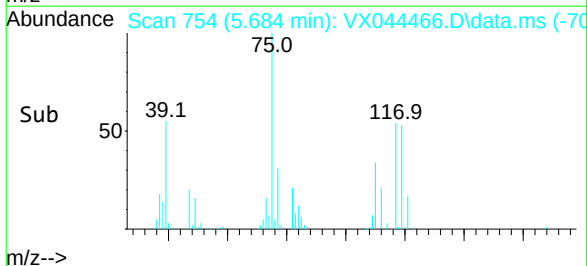
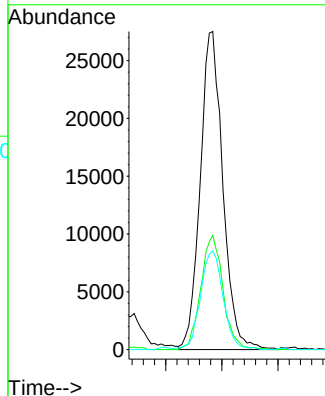
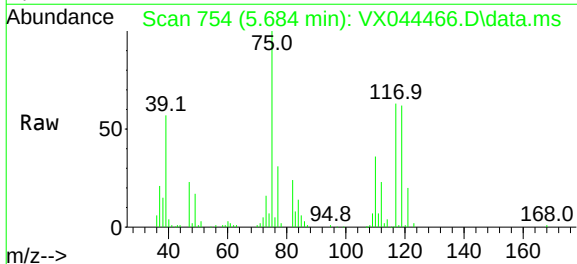
RT: 5.684 min Scan# 754

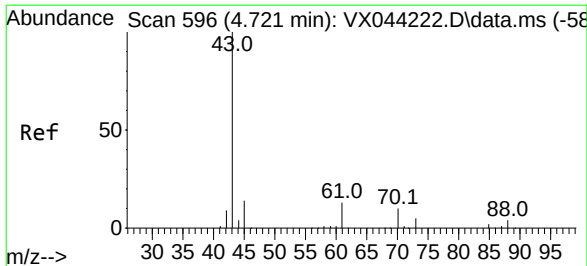
Delta R.T. -0.006 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Tgt Ion:	75	Resp:	77076
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.3	51.7
77	31.1	25.4	38.0





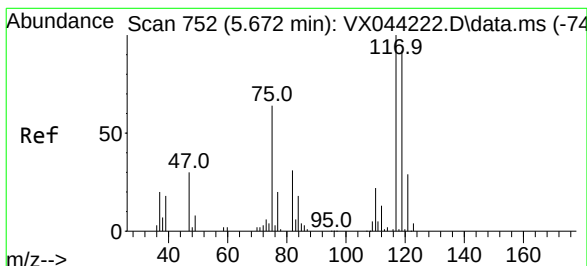
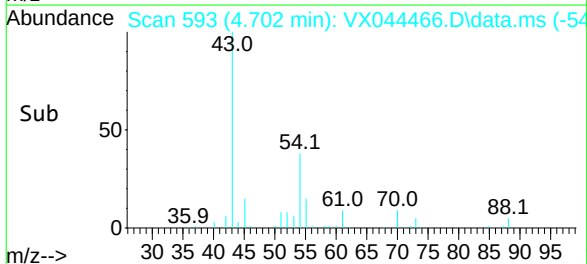
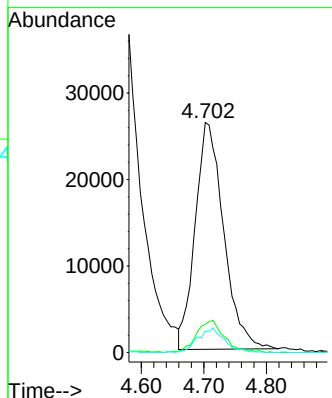
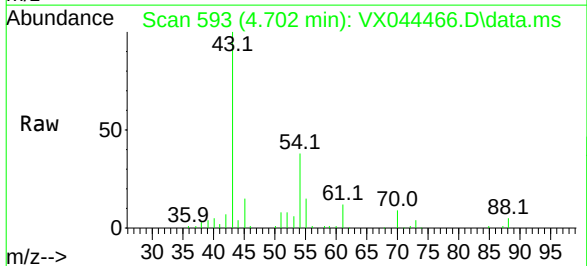
#37
Ethyl Acetate
Concen: 48.216 ug/l
RT: 4.702 min Scan# 59
Delta R.T. -0.018 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43	Resp: 82758
Ion Ratio	Lower Upper
43 100	
61 13.9	9.8 14.8
70 9.9	7.7 11.5

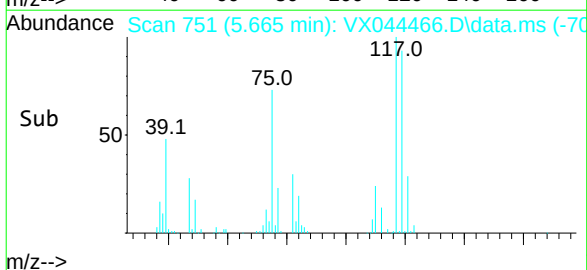
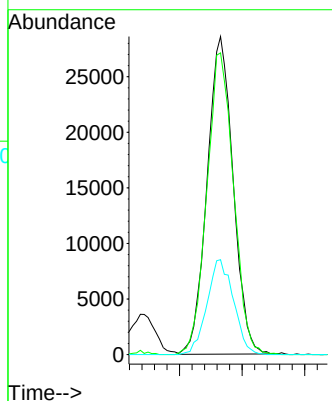
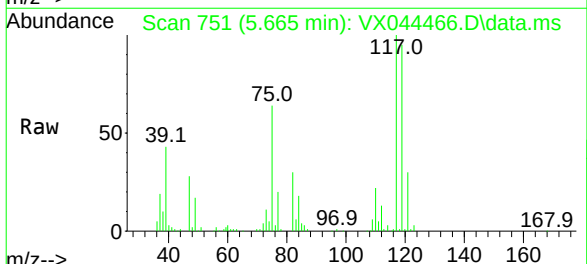
Manual Integrations
APPROVED

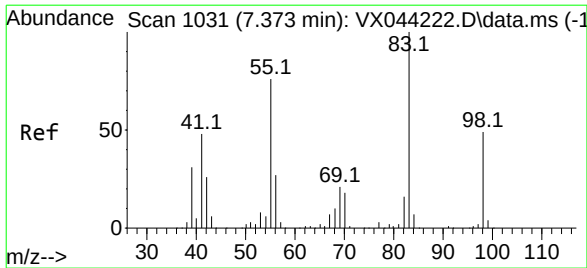
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 55.181 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 117	Resp: 82491
Ion Ratio	Lower Upper
117 100	
119 94.8	74.2 111.4
121 29.9	23.0 34.6





#39
Methylcyclohexane
Concen: 61.418 ug/l
RT: 7.372 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

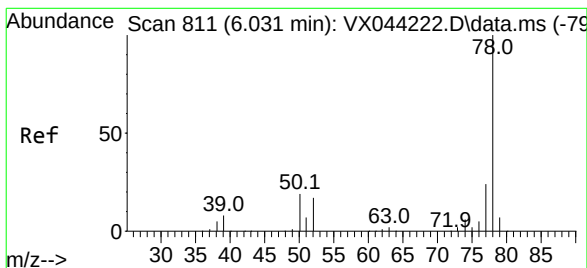
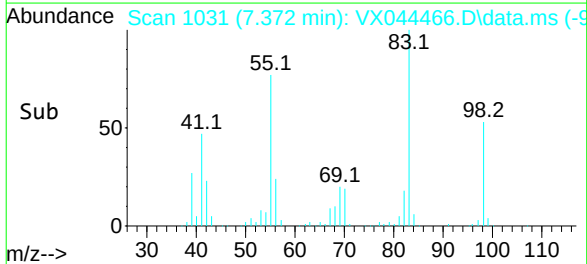
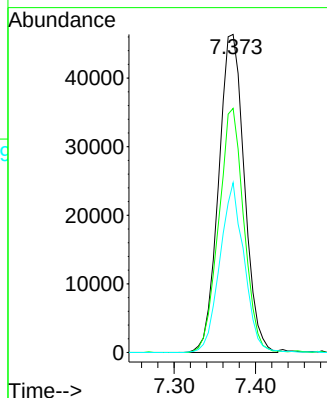
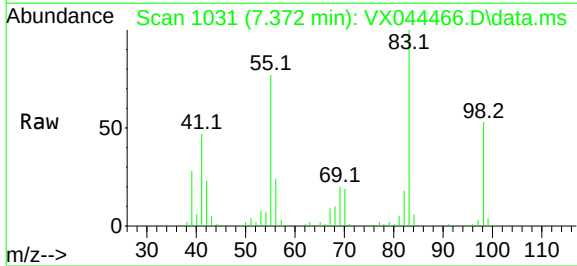
ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 101951
Ion Ratio Lower Upper
83 100
55 76.8 60.7 91.1
98 53.4 38.9 58.3

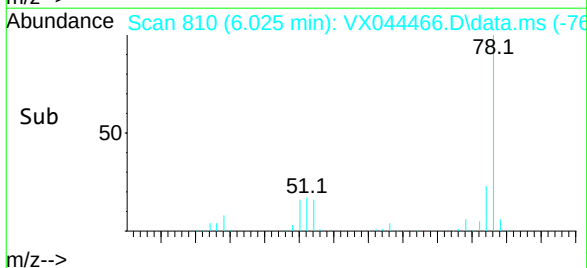
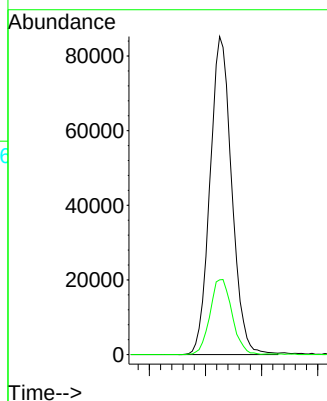
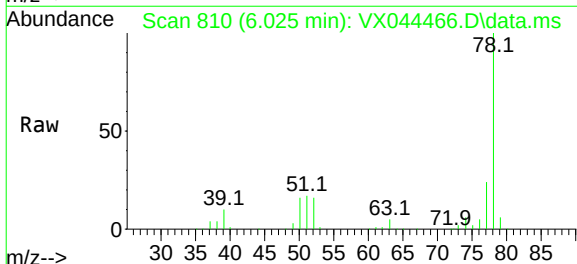
Manual Integrations
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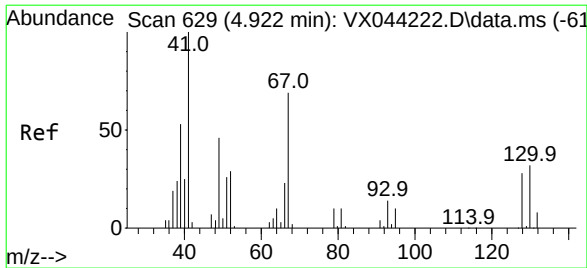
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 54.397 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 78 Resp: 229329
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





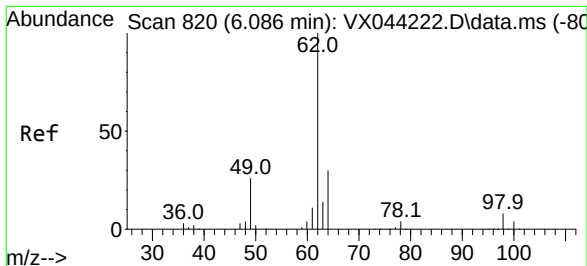
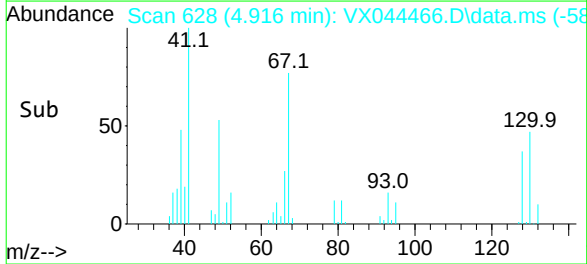
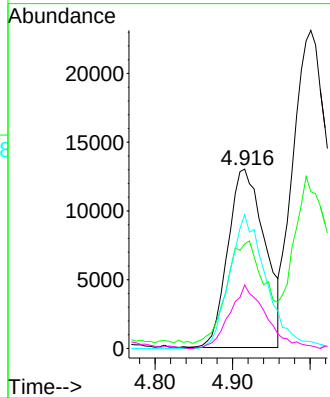
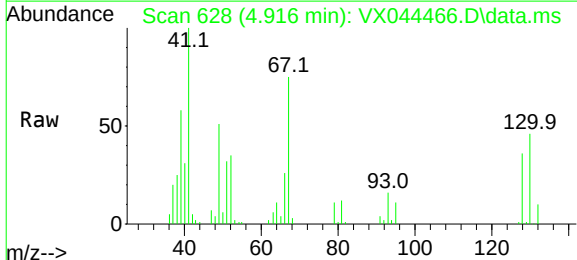
#41
Methacrylonitrile
Concen: 47.172 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	42994
Ion	Ratio	Lower	Upper
41	100		
39	59.4	44.2	66.4
67	75.7	57.2	85.8
52	35.0	24.6	37.0

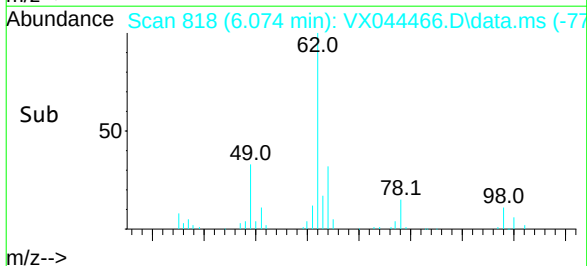
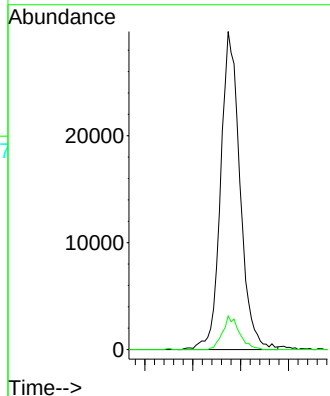
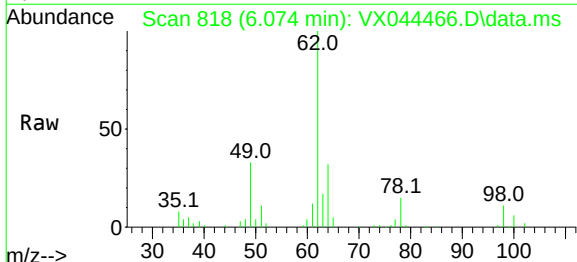
Manual Integrations
APPROVED

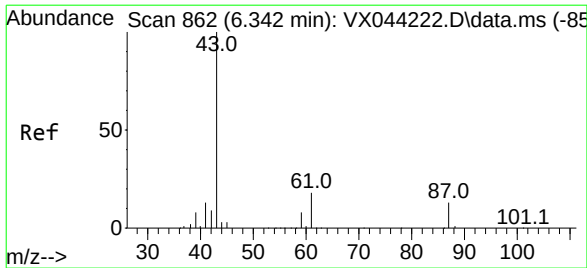
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42
1,2-Dichloroethane
Concen: 48.161 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.012 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:	62	Resp:	83638
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 47.918 ug/l

RT: 6.336 min Scan# 86

Delta R.T. -0.006 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

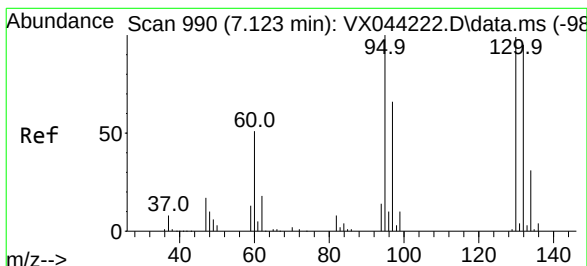
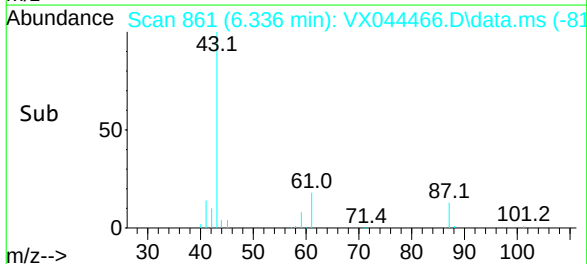
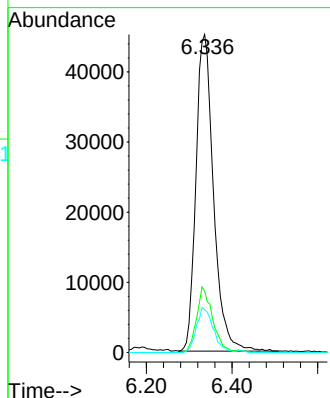
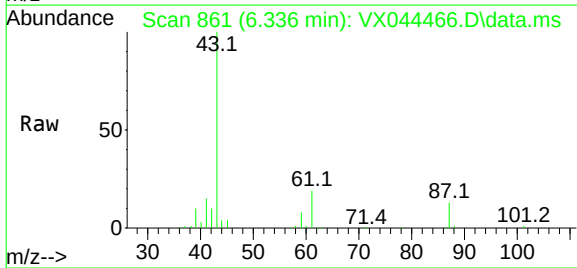
Tgt Ion:	43	Resp:	128551
Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.2	21.2
87	13.5	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#44

Trichloroethene

Concen: 55.326 ug/l

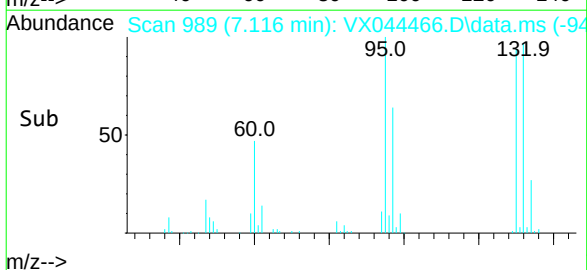
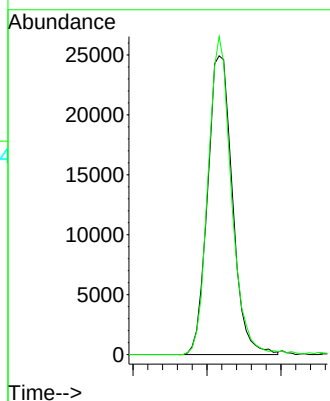
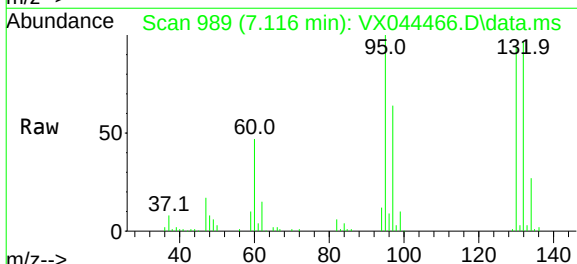
RT: 7.116 min Scan# 989

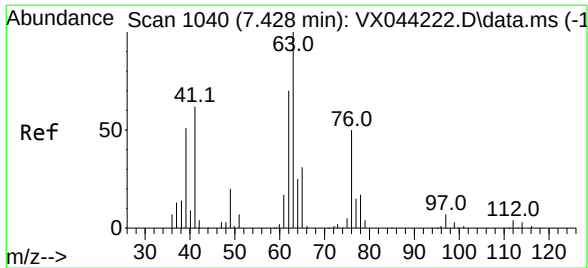
Delta R.T. -0.006 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Tgt Ion:	130	Resp:	58165
Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	201.4





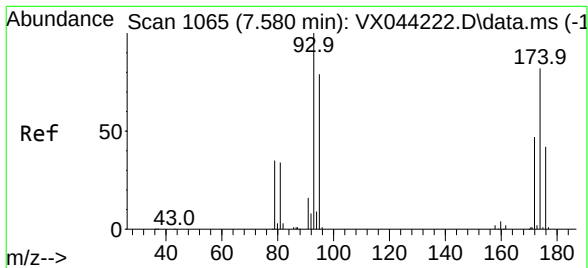
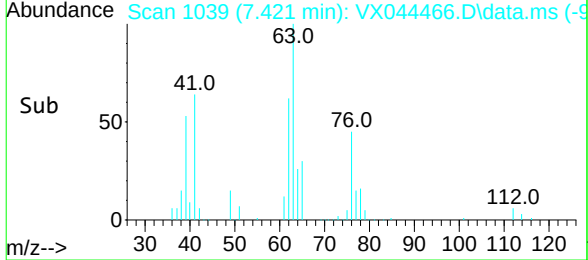
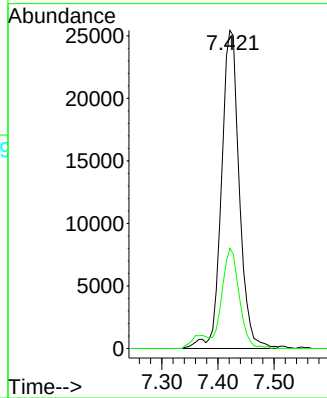
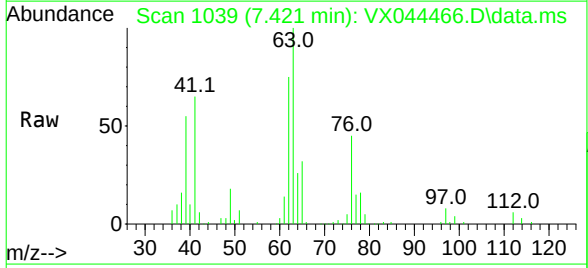
#45
1,2-Dichloropropane
Concen: 52.281 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 56311
Ion Ratio Lower Upper
63 100
65 31.5 24.6 37.0

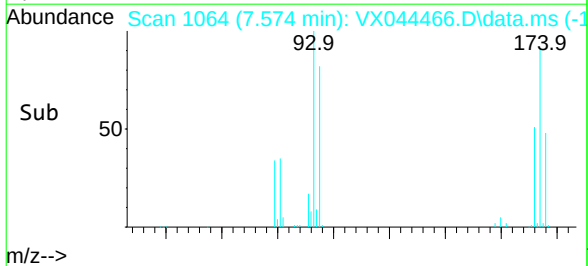
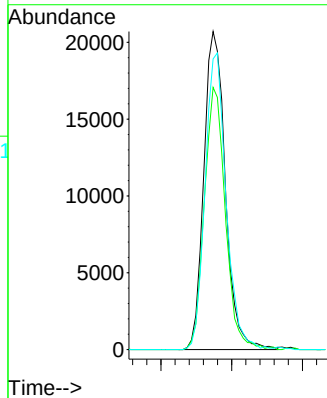
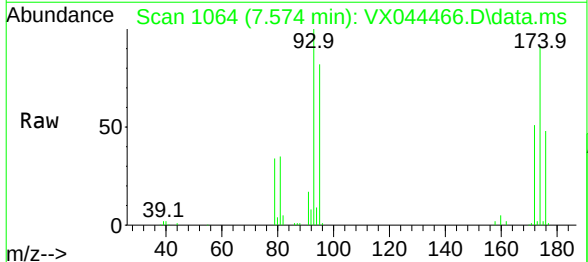
Manual Integrations
APPROVED

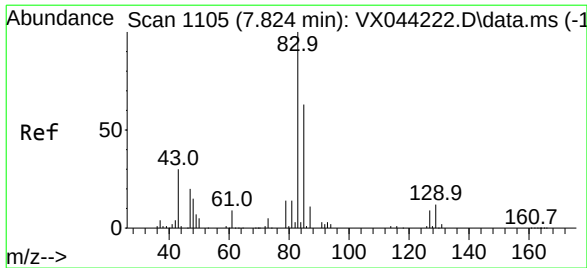
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#46
Dibromomethane
Concen: 52.402 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 93 Resp: 43787
Ion Ratio Lower Upper
93 100
95 80.6 65.4 98.2
174 91.3 67.9 101.9





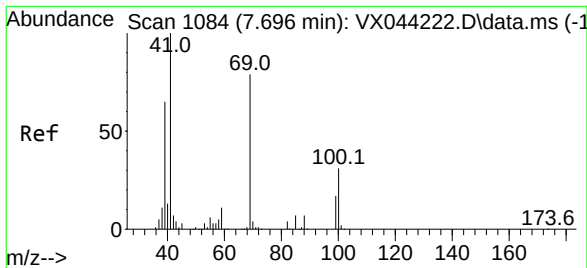
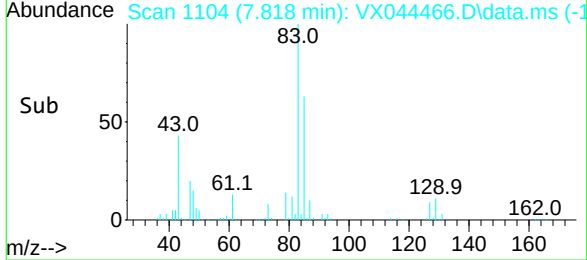
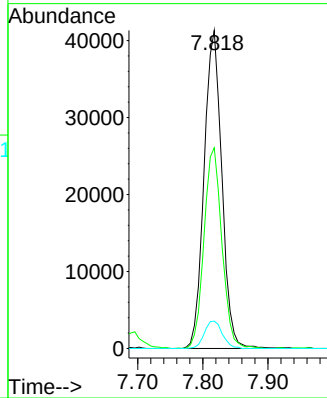
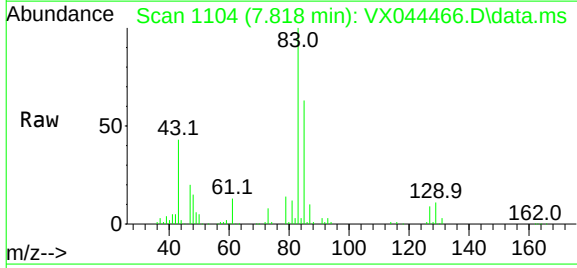
#47
Bromodichloromethane
Concen: 54.300 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 78361
Ion Ratio Lower Upper
83 100
85 63.0 50.6 75.8
127 8.6 7.3 10.9

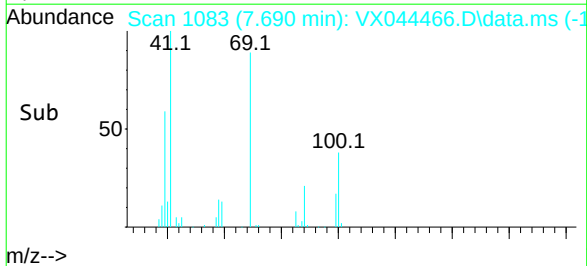
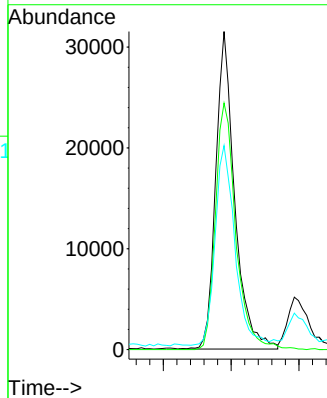
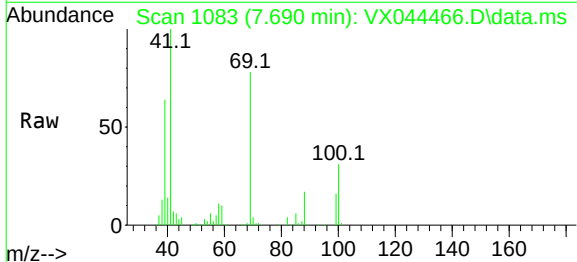
Manual Integrations
APPROVED

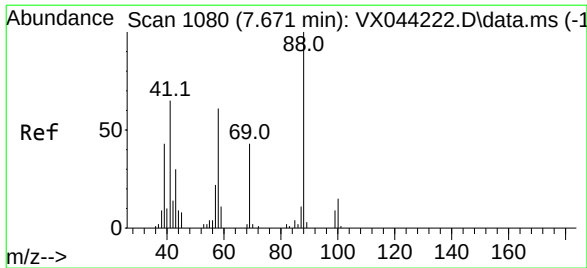
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#48
Methyl methacrylate
Concen: 46.898 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 41 Resp: 61073
Ion Ratio Lower Upper
41 100
69 83.9 62.4 93.6
39 65.2 53.3 79.9





#49

1,4-Dioxane

Concen: 1005.738 ug/l

RT: 7.677 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX044466.D

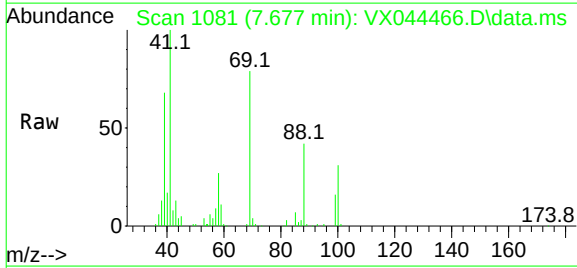
Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 88 Resp: 21715

Ion Ratio Lower Upper

88 100

43 36.1 27.1 40.7

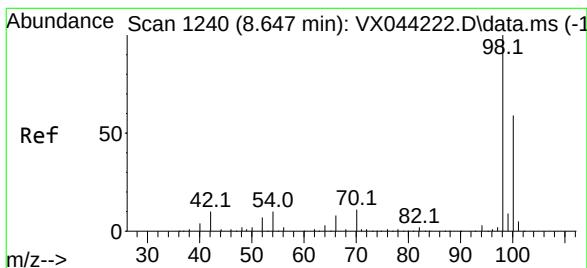
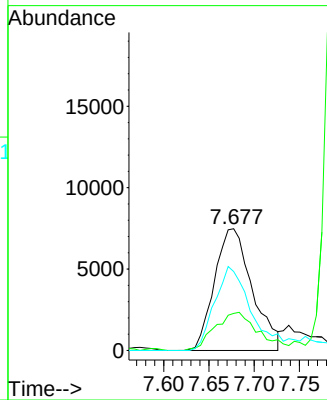
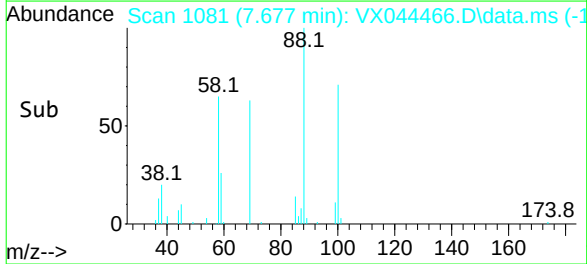
58 68.3 41.0 61.4#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#50

Toluene-d8

Concen: 53.468 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VX044466.D

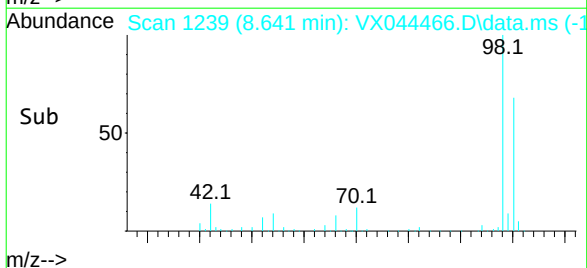
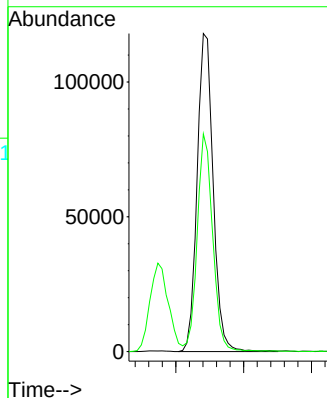
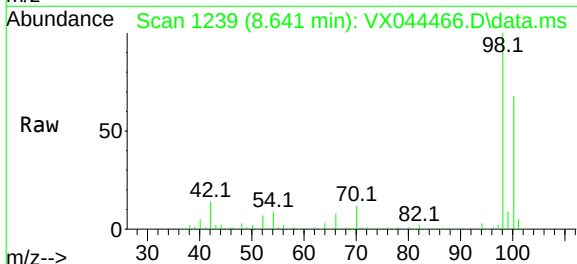
Acq: 23 Dec 2024 08:49

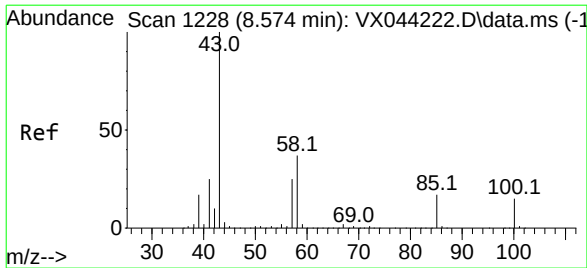
Tgt Ion: 98 Resp: 193768

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3





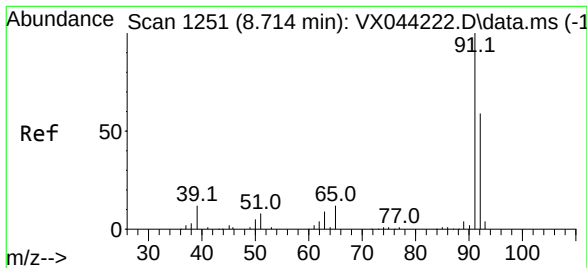
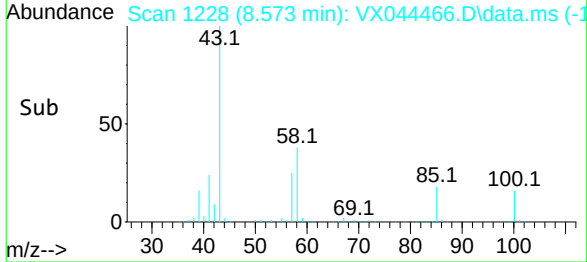
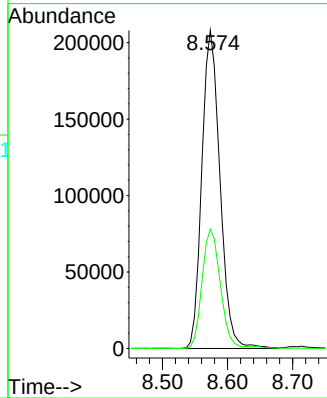
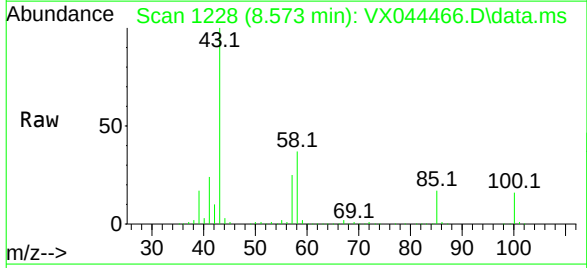
#51
4-Methyl-2-Pentanone
Concen: 233.216 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 402283
Ion Ratio Lower Upper
43 100
58 37.5 29.4 44.0

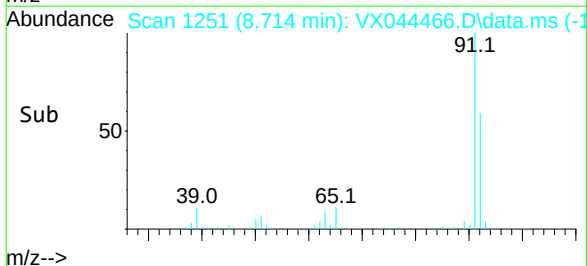
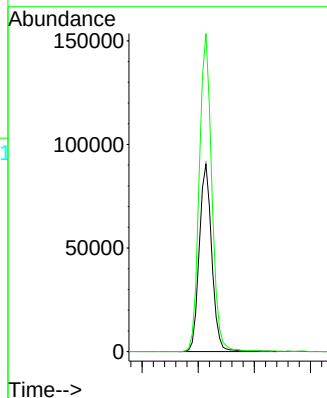
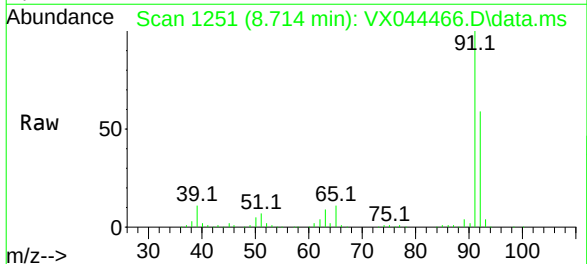
Manual Integrations
APPROVED

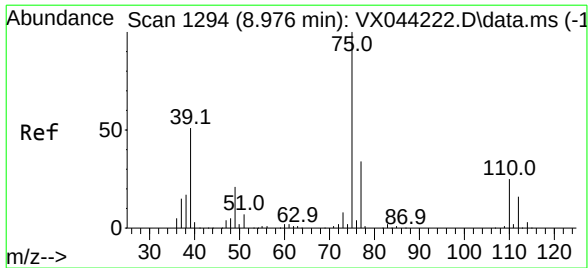
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#52
Toluene
Concen: 52.949 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

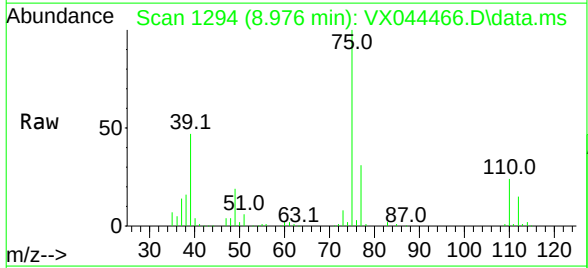
Tgt Ion: 92 Resp: 140179
Ion Ratio Lower Upper
92 100
91 170.0 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 48.256 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

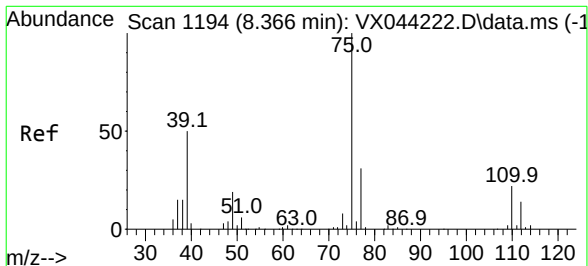
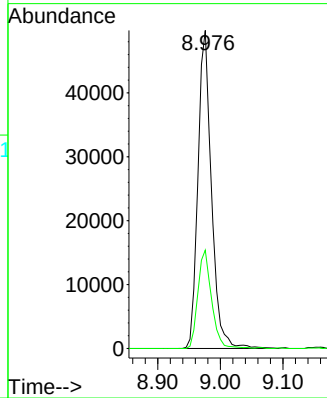
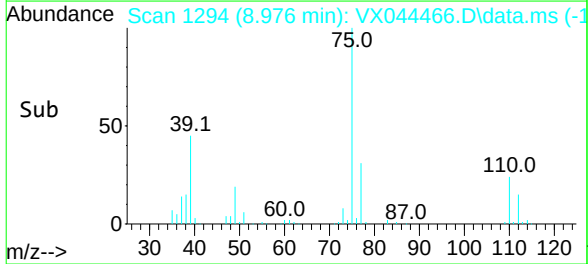
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



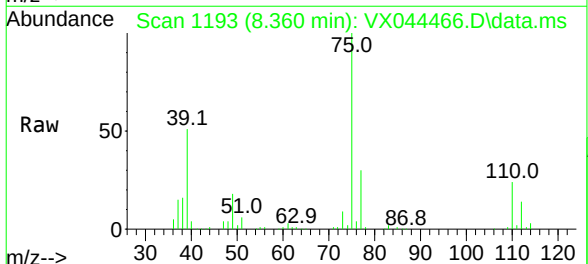
Tgt Ion: 75 Resp: 74563
Ion Ratio Lower Upper
75 100
77 30.9 27.2 40.8

Manual Integrations
APPROVED

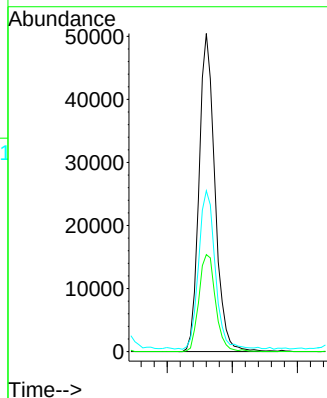
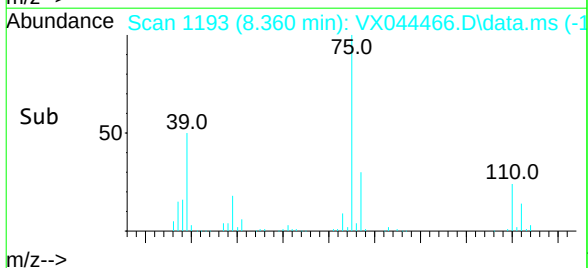
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

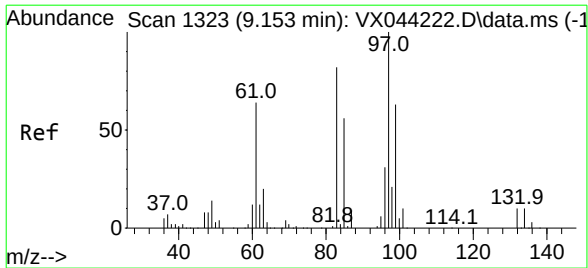


#54
cis-1,3-Dichloropropene
Concen: 54.358 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49



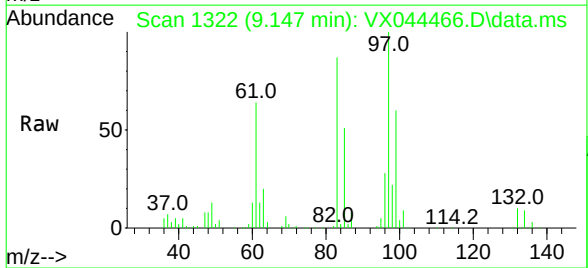
Tgt Ion: 75 Resp: 85414
Ion Ratio Lower Upper
75 100
77 30.5 24.7 37.1
39 49.6 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 53.264 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

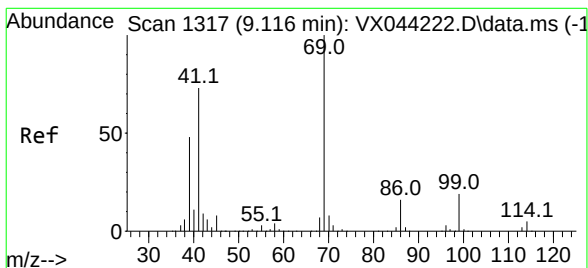
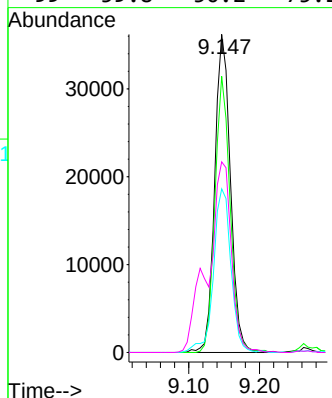
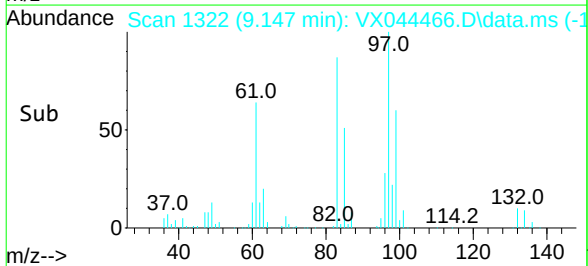
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	56021
Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.3	97.9
85	51.4	44.6	67.0
99	59.8	50.2	75.2

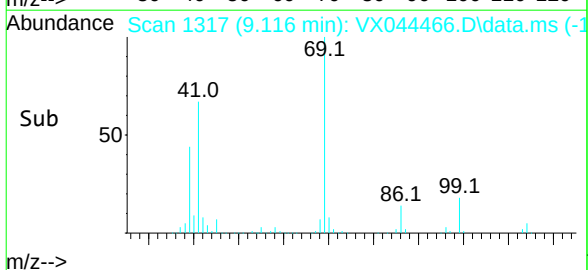
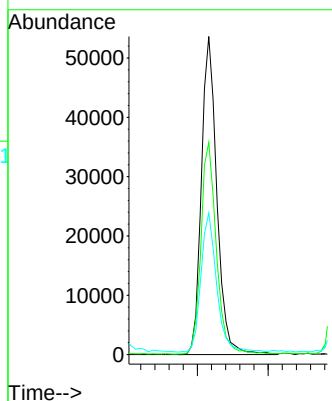
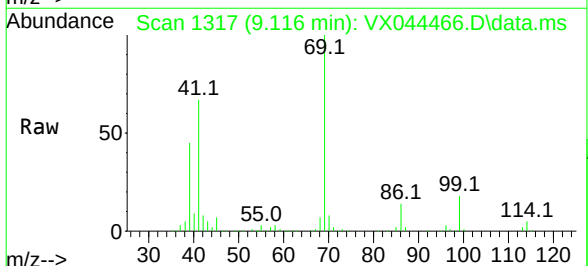
Manual Integrations
APPROVED

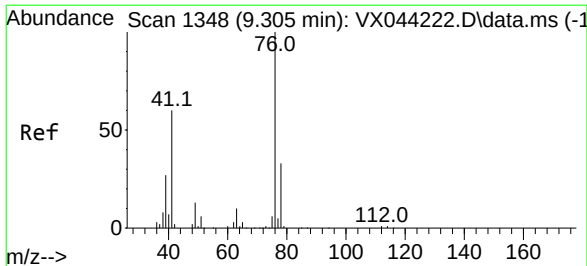
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#56
Ethyl methacrylate
Concen: 49.194 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

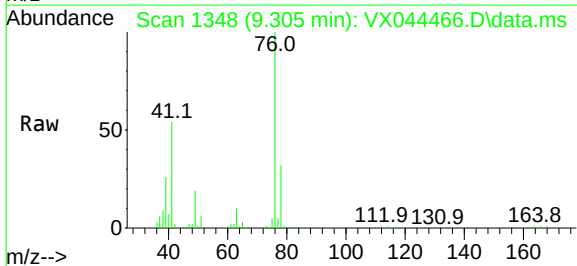
Tgt Ion:	69	Resp:	81680
Ion	Ratio	Lower	Upper
69	100		
41	66.3	56.6	85.0
39	44.3	37.4	56.0





#57
1,3-Dichloropropane
Concen: 51.667 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

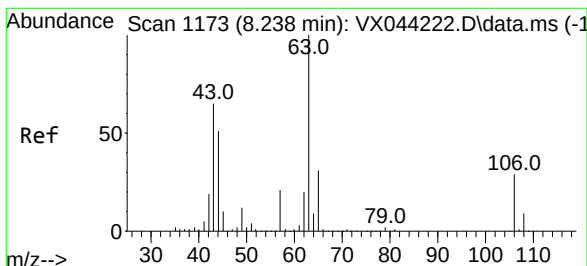
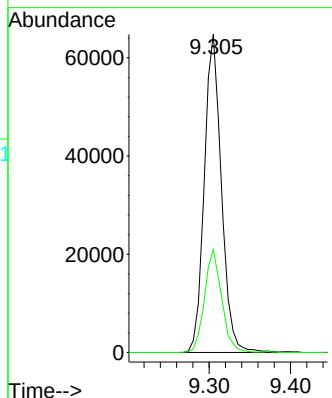
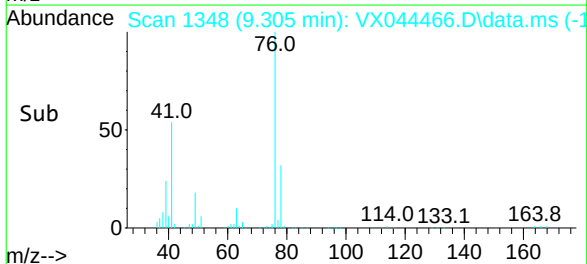
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 94586
Ion Ratio Lower Upper
76 100
78 32.4 26.5 39.7

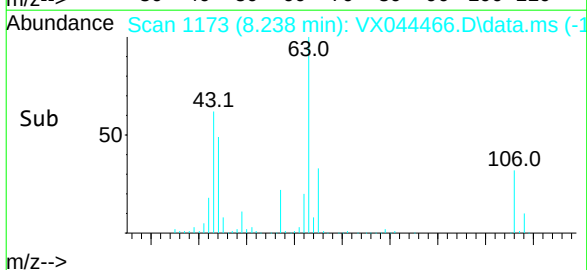
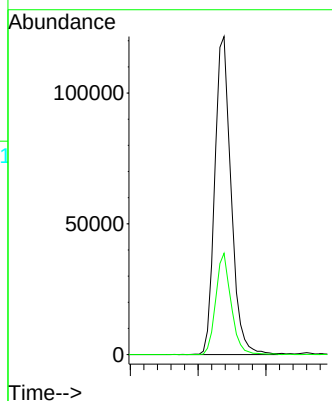
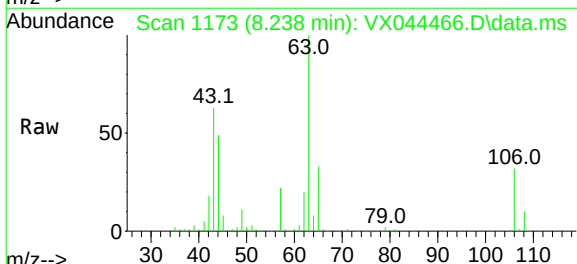
Manual Integrations
APPROVED

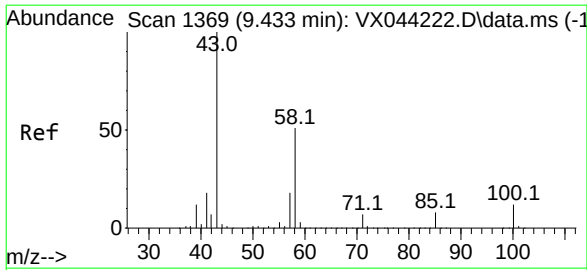
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 242.753 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 63 Resp: 203293
Ion Ratio Lower Upper
63 100
106 30.0 22.8 34.2





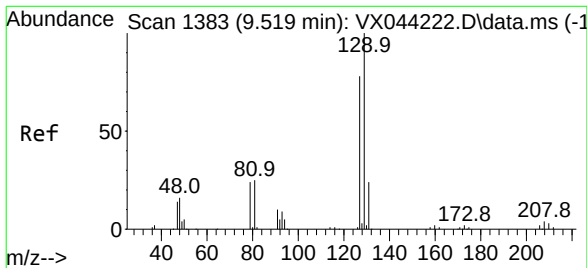
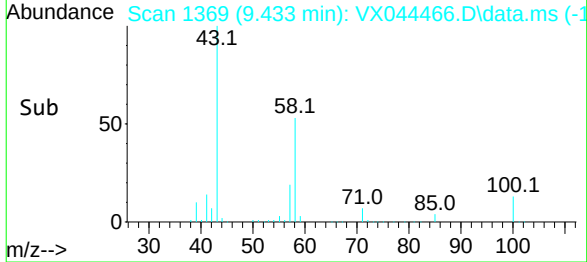
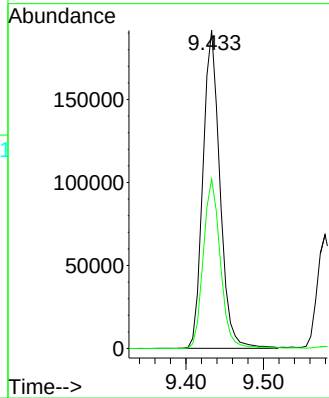
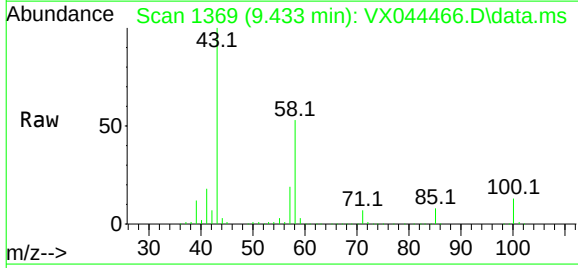
#59
2-Hexanone
Concen: 233.464 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 291491
Ion Ratio Lower Upper
43 100
58 53.5 25.7 77.0

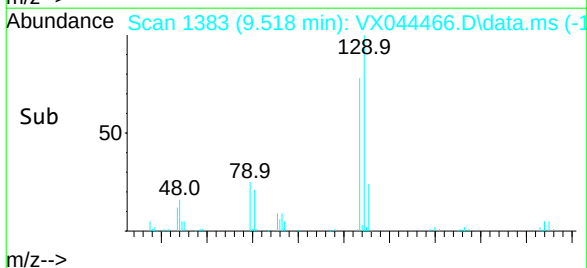
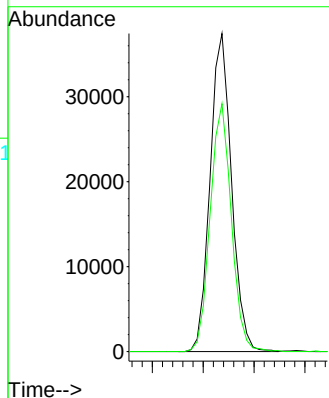
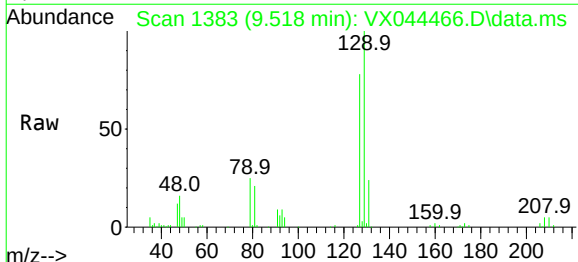
Manual Integrations
APPROVED

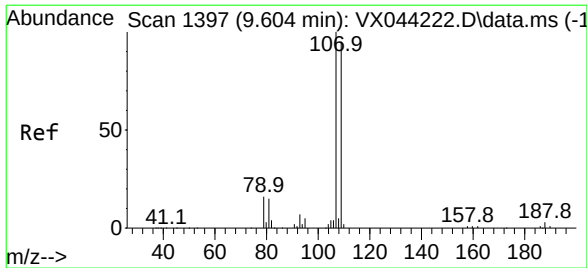
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 49.335 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:129 Resp: 54898
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





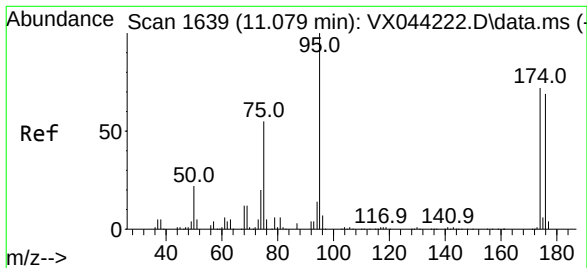
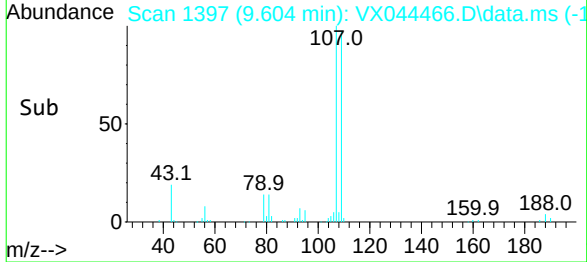
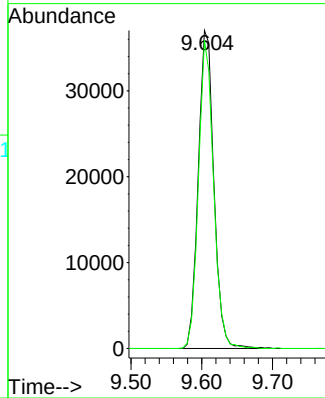
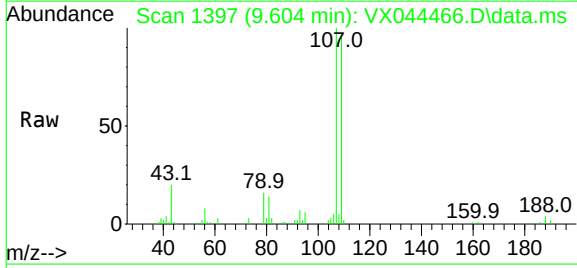
#61
1,2-Dibromoethane
Concen: 52.895 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 56628
Ion Ratio Lower Upper
107 100
109 94.4 77.0 115.4

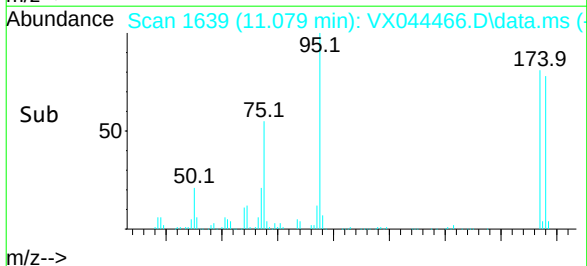
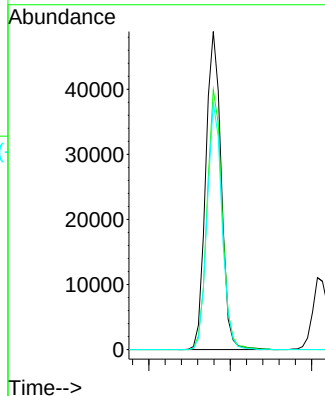
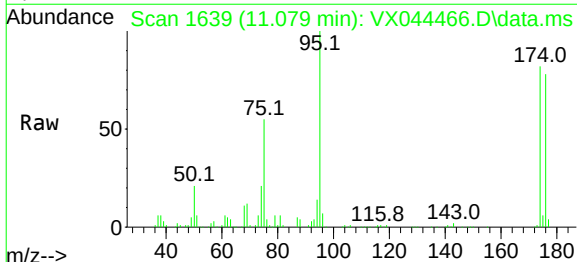
Manual Integrations
APPROVED

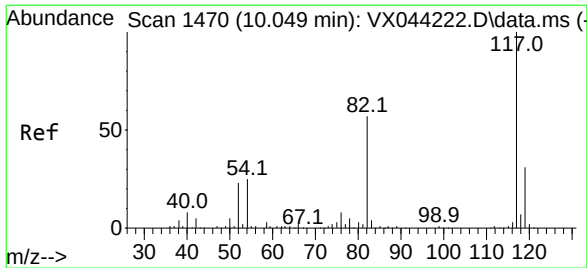
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#62
4-Bromofluorobenzene
Concen: 50.827 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 95 Resp: 64363
Ion Ratio Lower Upper
95 100
174 79.7 0.0 145.8
176 74.8 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

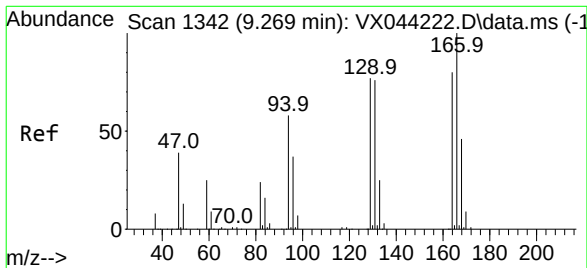
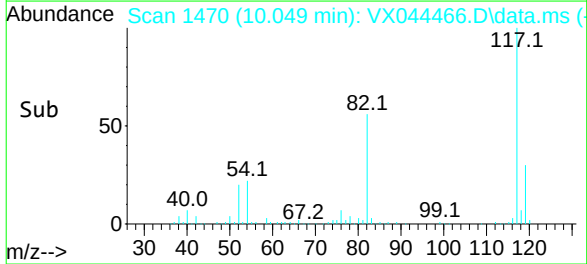
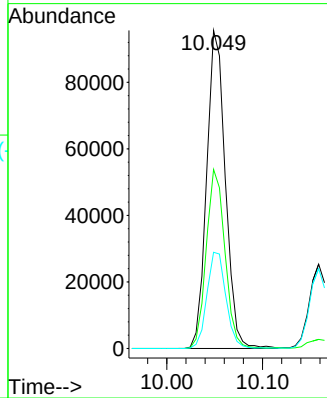
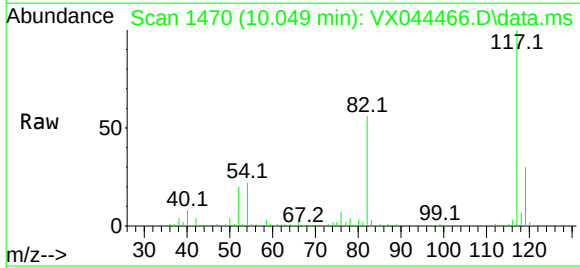
Tgt Ion:	117	Resp:	129773
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.8	68.8
119	30.2	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#64

Tetrachloroethene

Concen: 60.182 ug/l

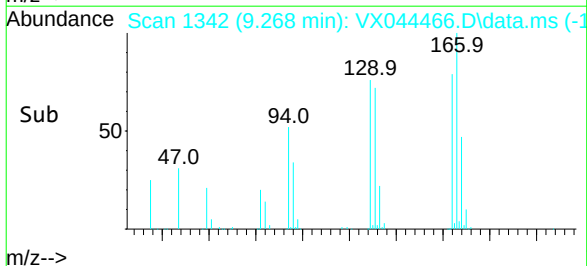
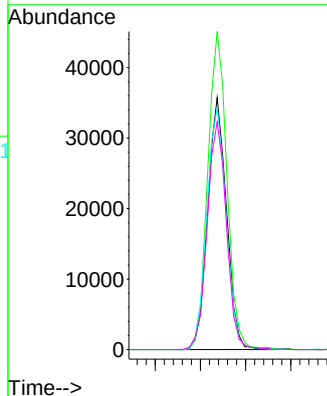
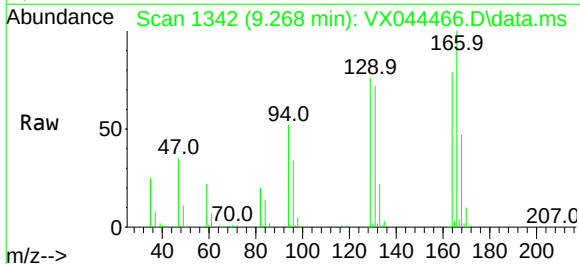
RT: 9.268 min Scan# 1342

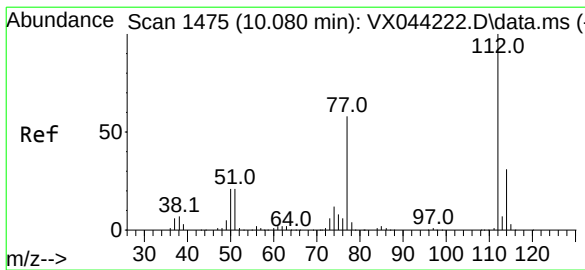
Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Tgt Ion:	164	Resp:	51836
Ion	Ratio	Lower	Upper
164	100		
166	126.3	100.4	150.6
129	95.7	77.2	115.8
131	90.4	76.2	114.2





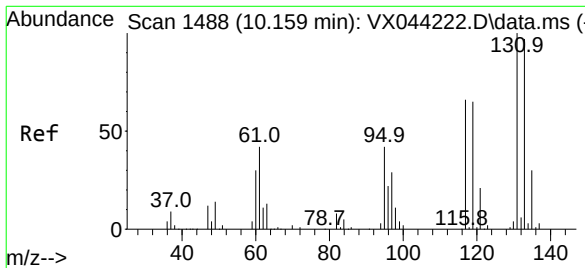
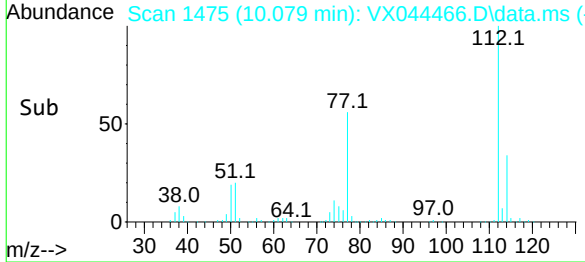
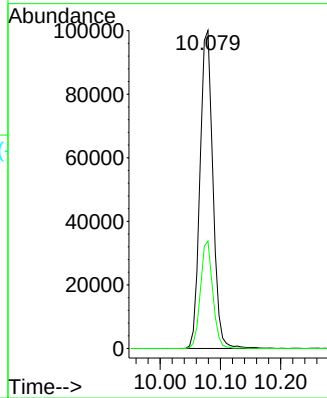
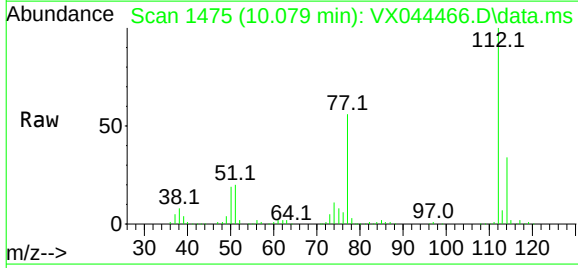
#65
Chlorobenzene
Concen: 53.435 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 148588
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.6

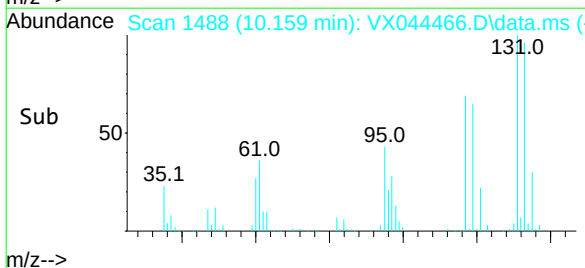
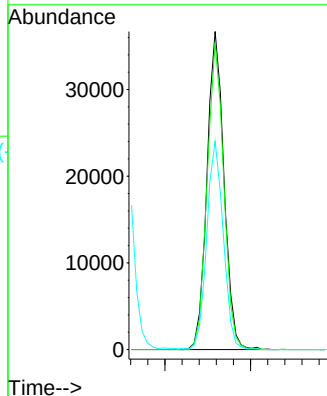
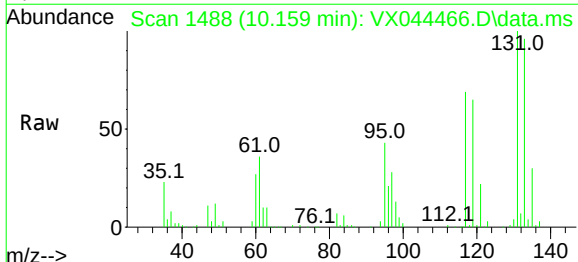
Manual Integrations
APPROVED

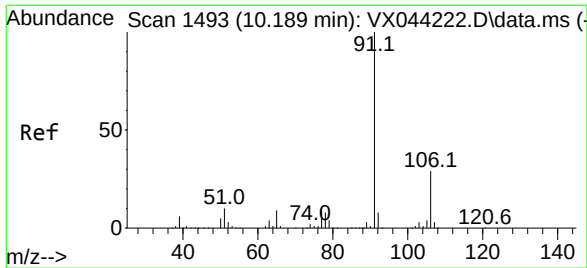
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 56.575 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:131 Resp: 50561
Ion Ratio Lower Upper
131 100
133 94.2 47.3 141.8
119 63.8 31.6 95.0





#67

Ethyl Benzene

Concen: 52.159 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 250606

Ion Ratio Lower Upper

91 100

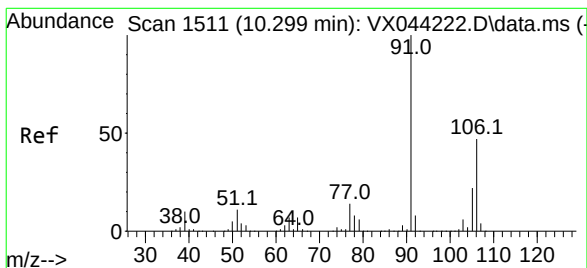
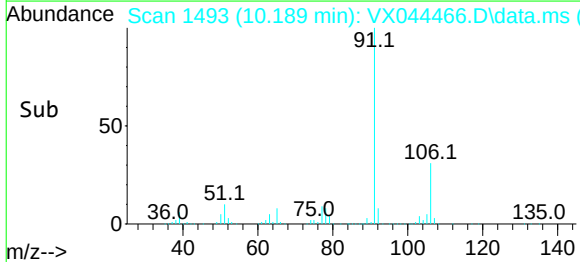
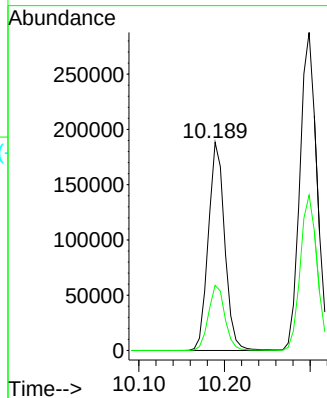
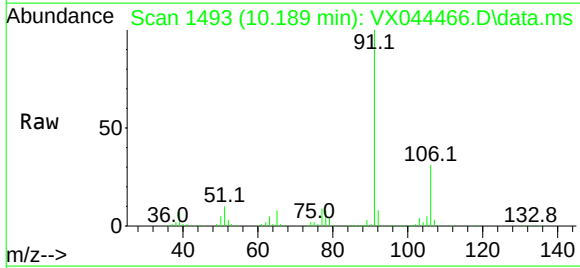
106 31.3 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#68

m/p-Xylenes

Concen: 110.024 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044466.D

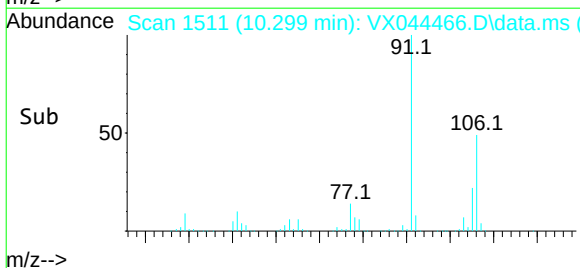
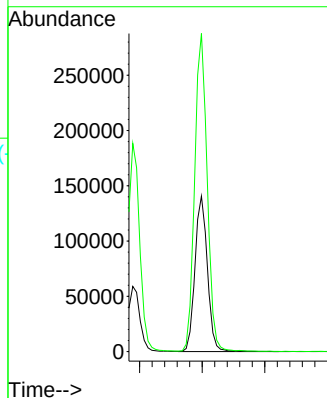
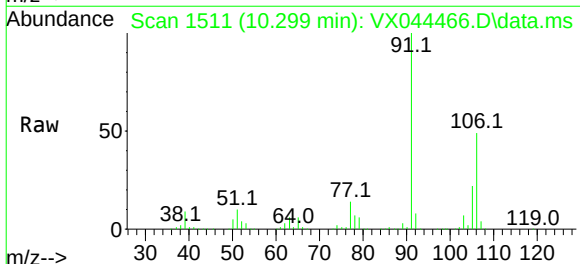
Acq: 23 Dec 2024 08:49

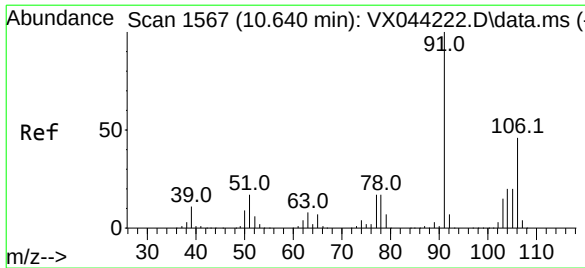
Tgt Ion:106 Resp: 193976

Ion Ratio Lower Upper

106 100

91 206.1 170.2 255.2





#69

o-Xylene

Concen: 53.232 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 94957

Ion Ratio Lower Upper

106 100

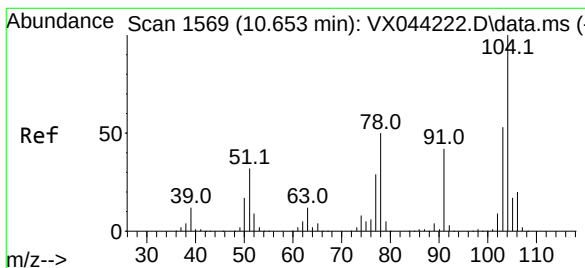
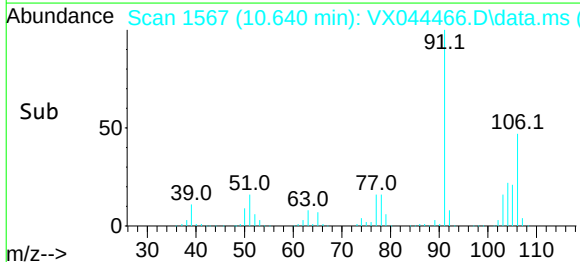
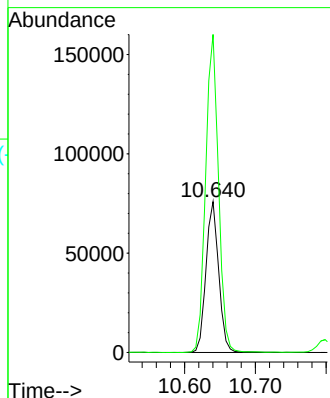
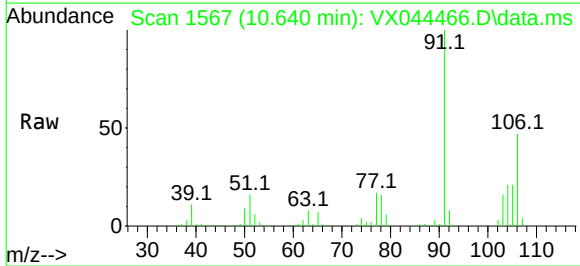
91 213.5 112.3 337.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#70

Styrene

Concen: 54.396 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

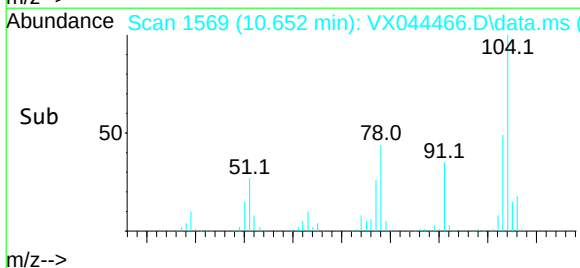
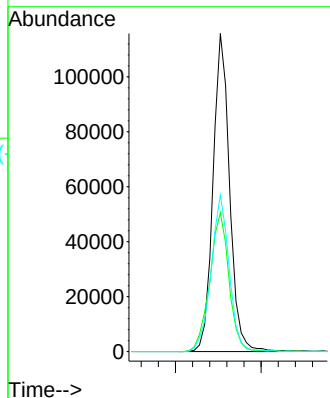
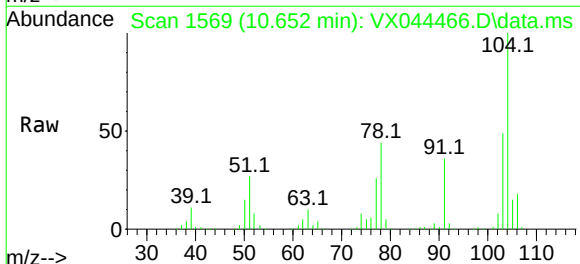
Tgt Ion:104 Resp: 155555

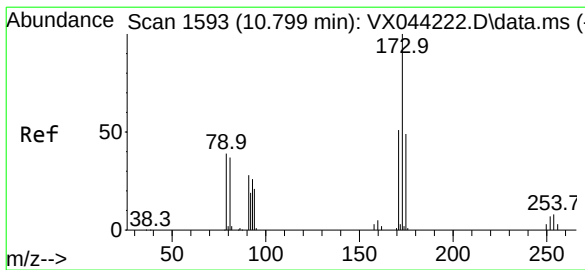
Ion Ratio Lower Upper

104 100

78 50.6 44.6 67.0

103 54.0 45.4 68.0





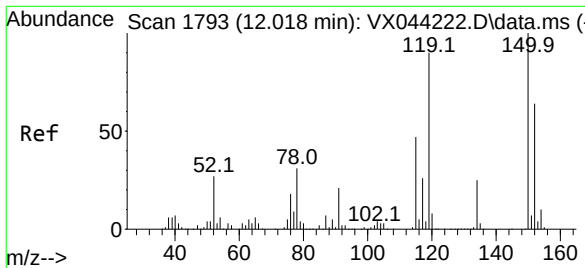
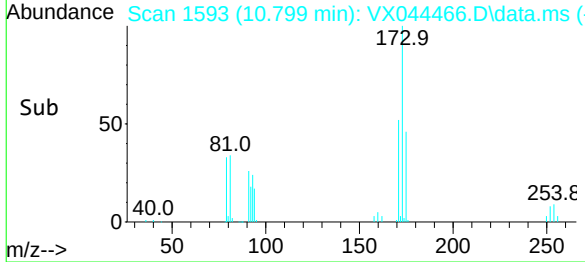
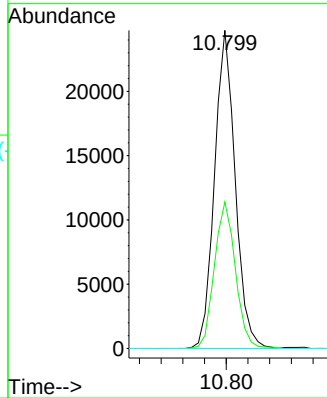
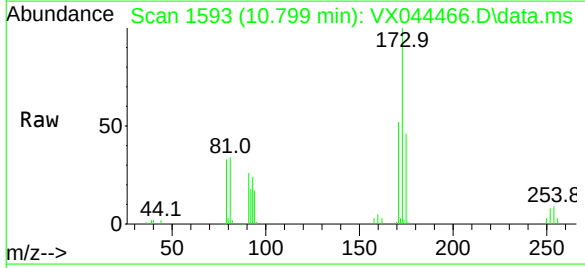
#71
Bromoform
Concen: 52.112 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	173	Resp:	32723
Ion Ratio	Lower	Upper	
173	100		
175	46.8	23.8	71.4
254	0.0	0.0	0.0

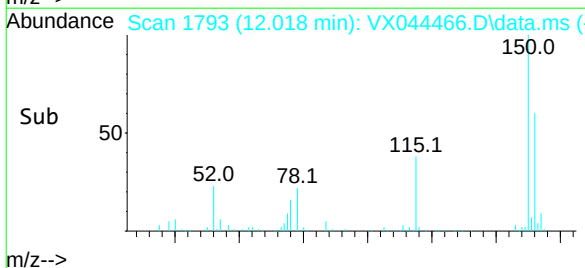
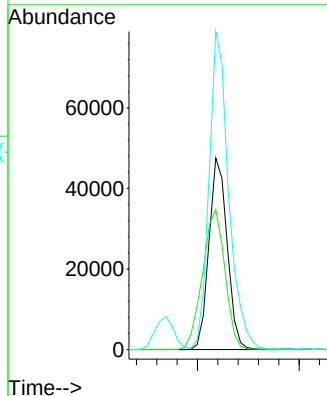
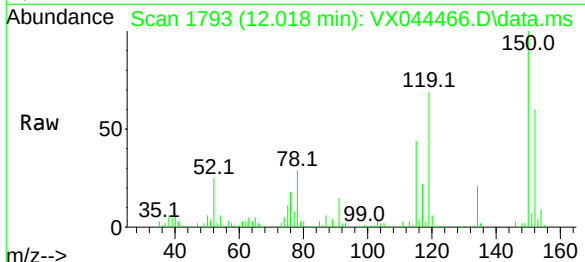
Manual Integrations
APPROVED

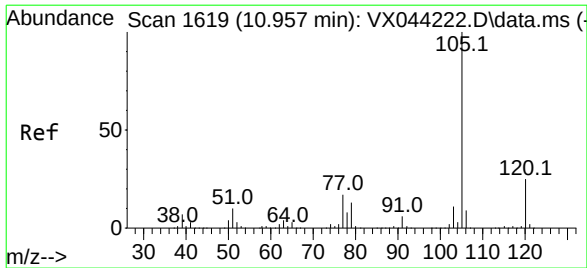
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion:	152	Resp:	59280
Ion Ratio	Lower	Upper	
152	100		
115	89.6	44.5	133.3
150	179.1	0.0	353.8





#73

Isopropylbenzene

Concen: 54.392 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 246838

Ion Ratio Lower Upper

105 100

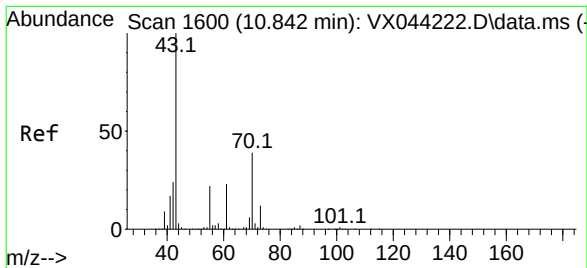
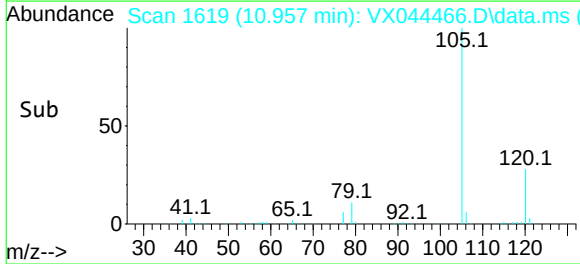
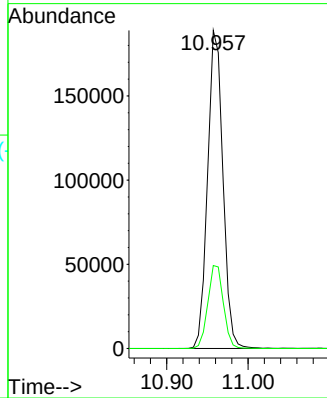
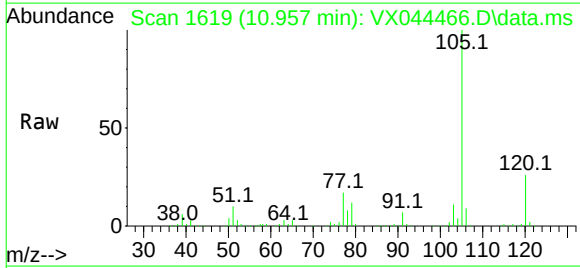
120 26.5 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#74

N-ethyl acetate

Concen: 48.214 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Tgt Ion: 43 Resp: 101119

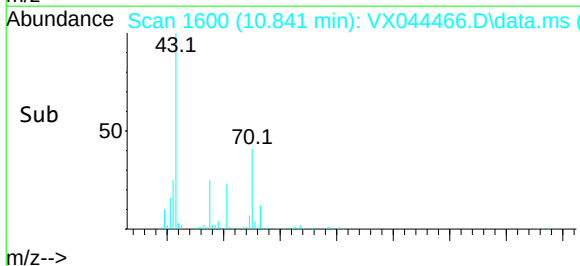
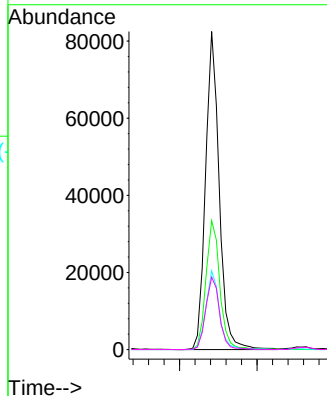
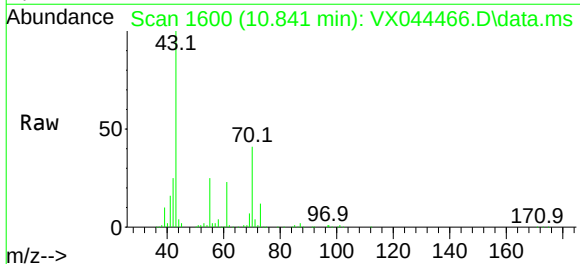
Ion Ratio Lower Upper

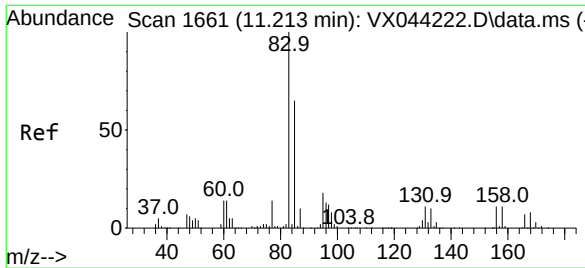
43 100

70 41.3 31.9 47.9

55 24.4 17.9 26.9

61 23.0 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.066 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

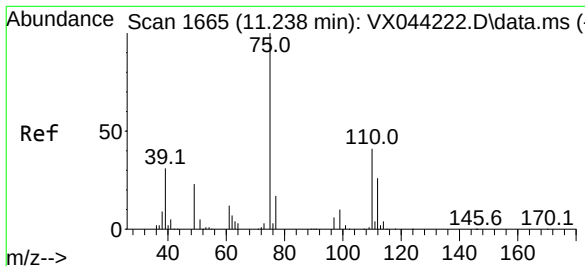
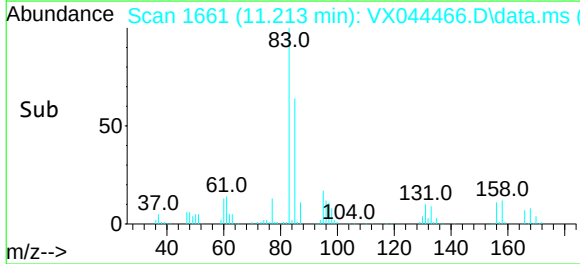
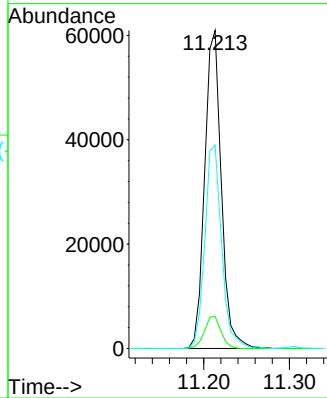
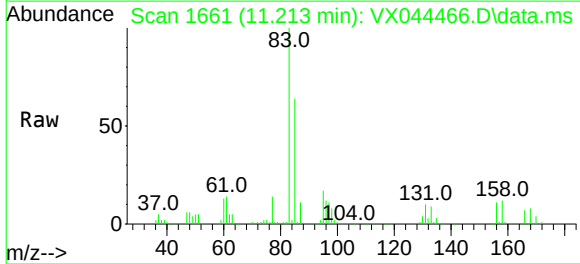
Tgt Ion:	83	Resp:	82068
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.4
85	64.9	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#76

1,2,3-Trichloropropane

Concen: 50.267 ug/l m

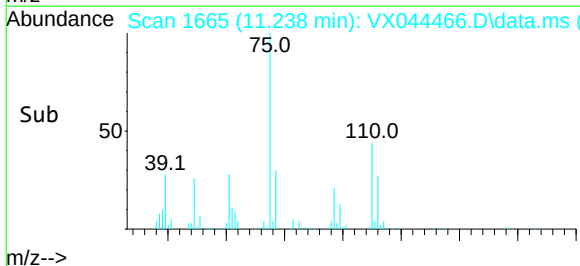
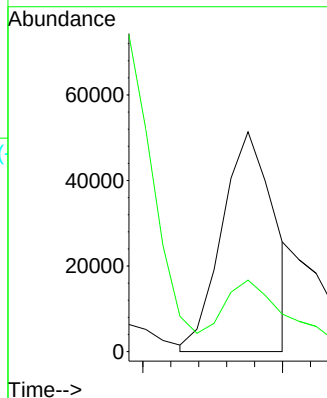
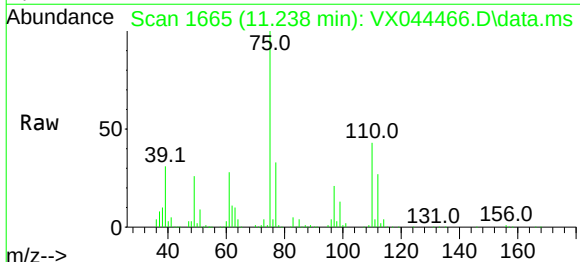
RT: 11.238 min Scan# 1665

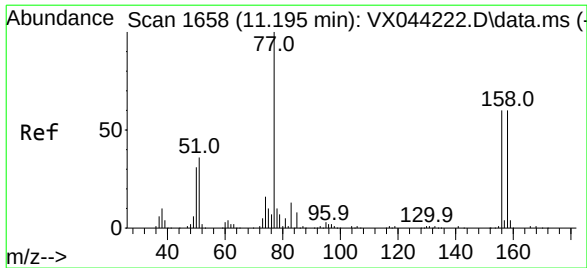
Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Tgt Ion:	75	Resp:	66533
Ion	Ratio	Lower	Upper
75	100		
77	42.0	20.9	62.7





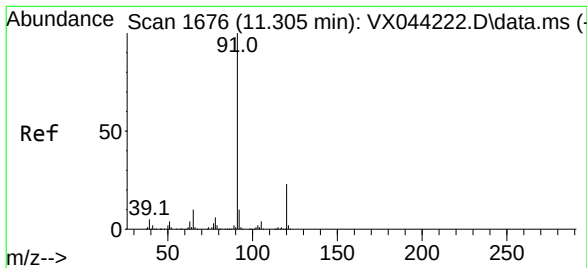
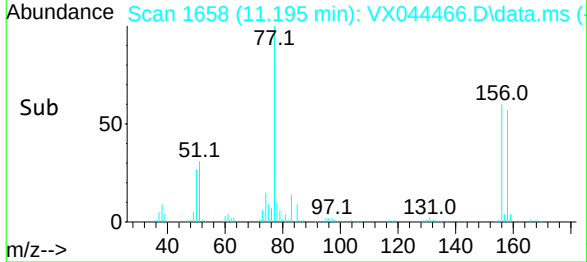
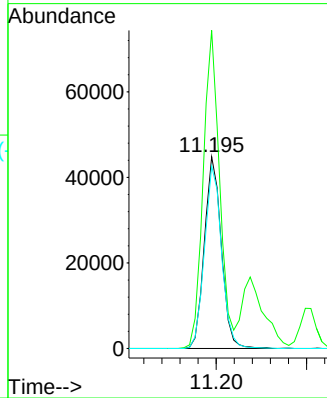
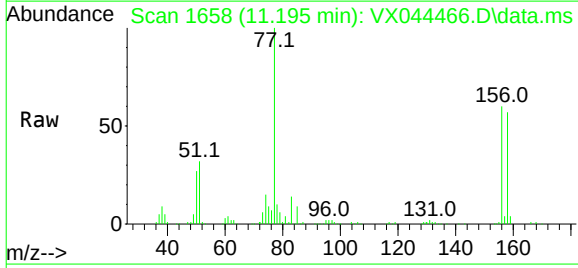
#77
Bromobenzene
Concen: 52.949 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 58269
Ion Ratio Lower Upper
156 100
77 160.3 82.6 247.8
158 96.4 48.8 146.4

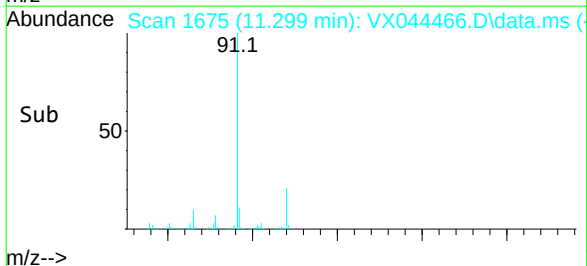
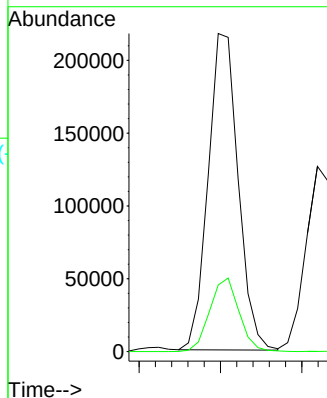
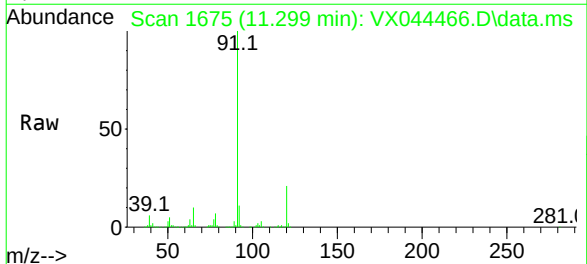
Manual Integrations
APPROVED

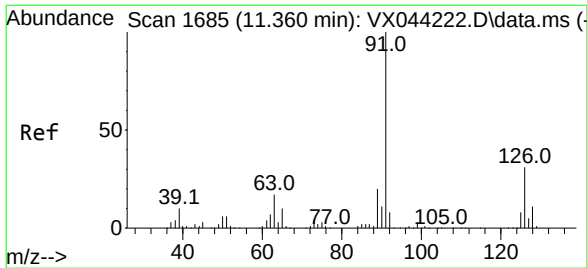
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#78
n-propylbenzene
Concen: 55.610 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion: 91 Resp: 278932
Ion Ratio Lower Upper
91 100
120 22.7 11.0 33.0





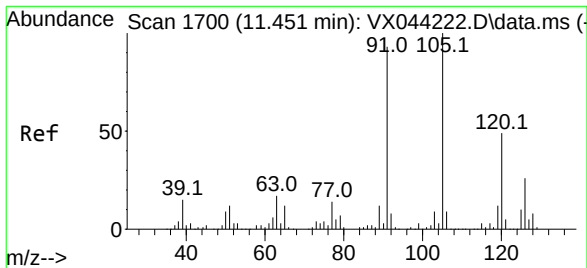
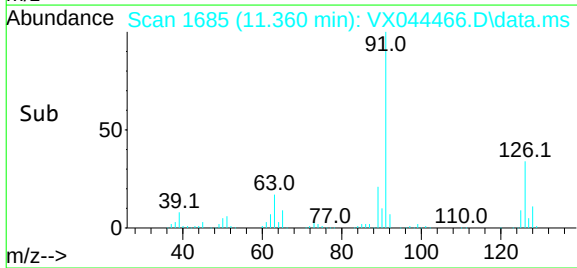
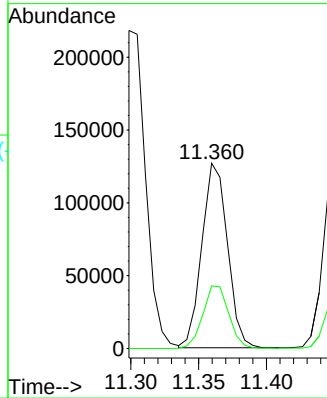
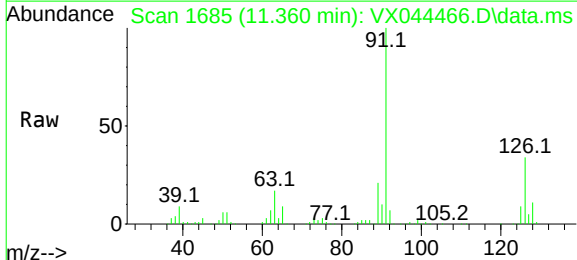
#79
2-Chlorotoluene
Concen: 51.245 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 166232
Ion Ratio Lower Upper
91 100
126 34.7 16.4 49.1

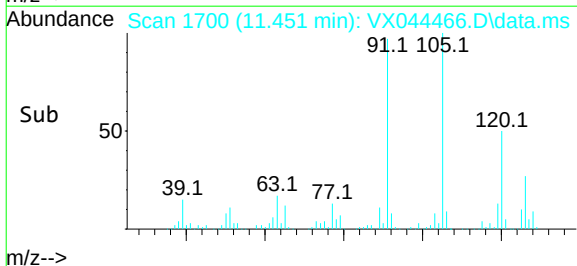
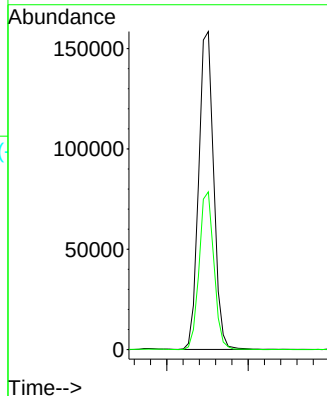
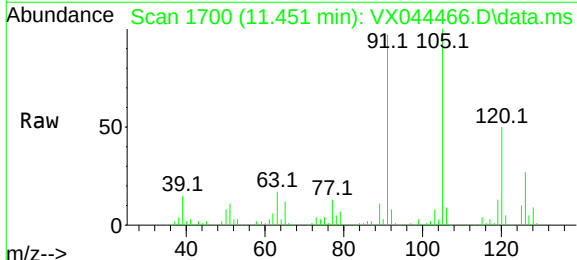
Manual Integrations
APPROVED

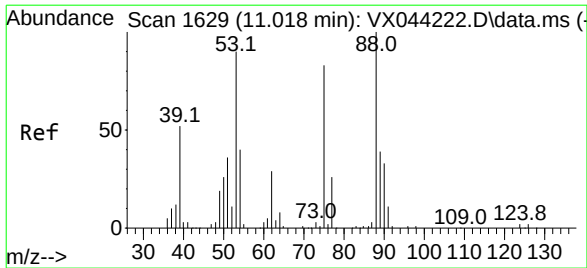
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.807 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

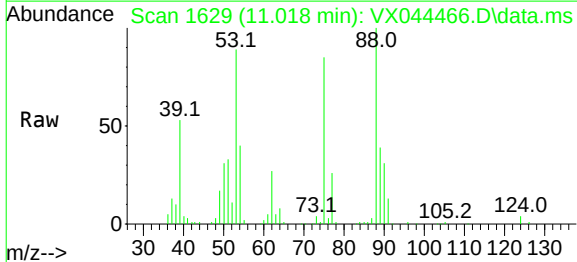
Tgt Ion:105 Resp: 202499
Ion Ratio Lower Upper
105 100
120 49.0 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 48.538 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

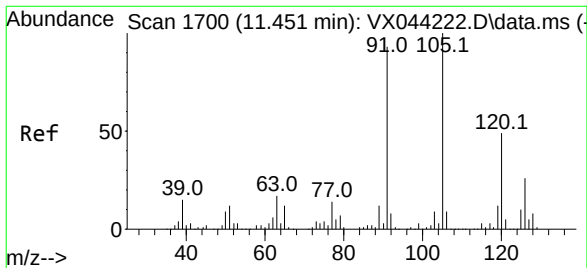
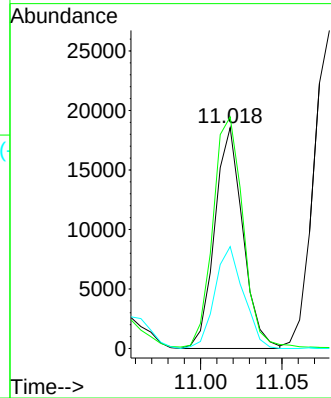
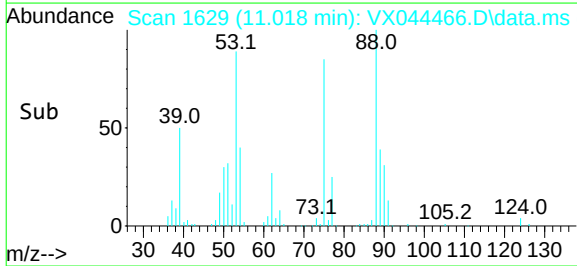
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
75	100		
53	113.5	93.6	140.4
89	47.1	37.3	55.9

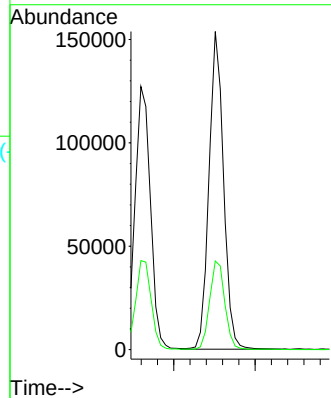
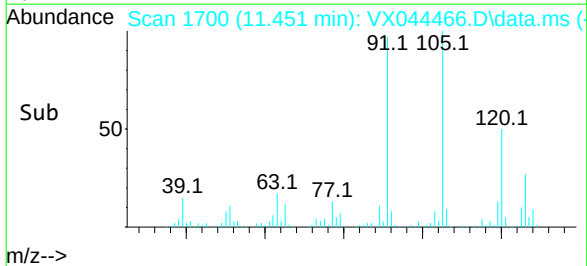
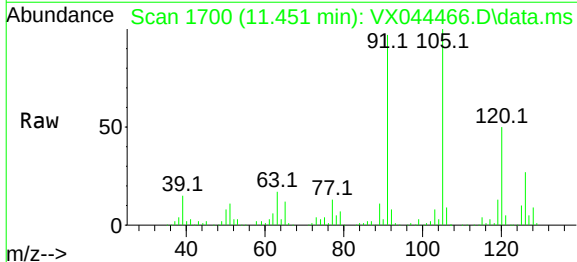
Manual Integrations
APPROVED

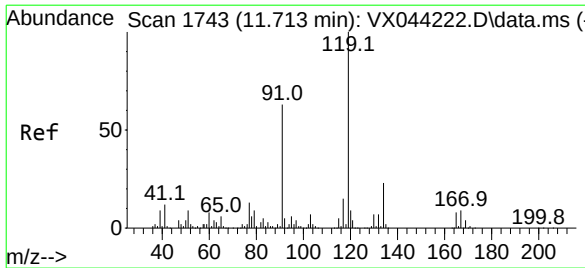
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 52.988 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.5	43.5





#83

tert-Butylbenzene

Concen: 54.400 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 202328

Ion Ratio Lower Upper

119 100

91 58.4 30.9 92.5

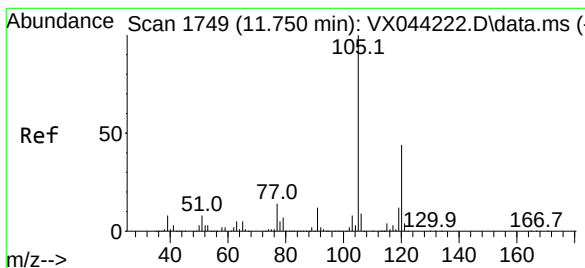
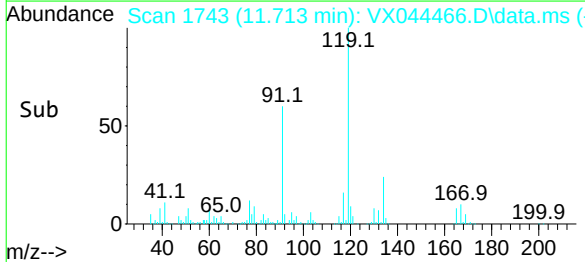
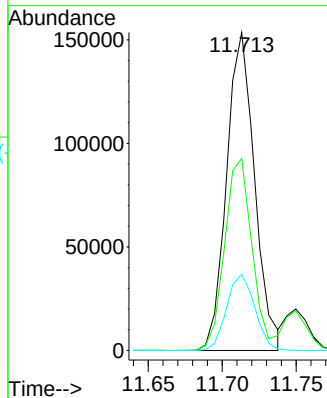
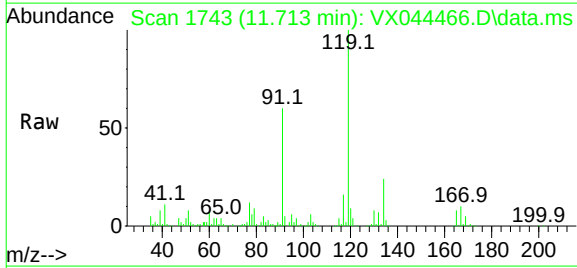
134 24.0 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#84

1,2,4-Trimethylbenzene

Concen: 55.839 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044466.D

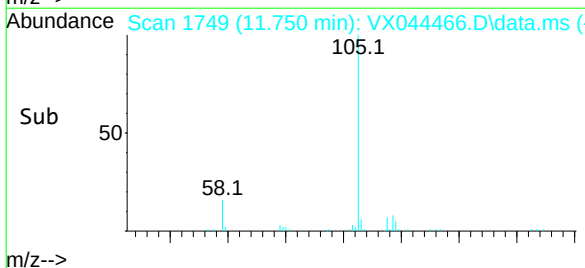
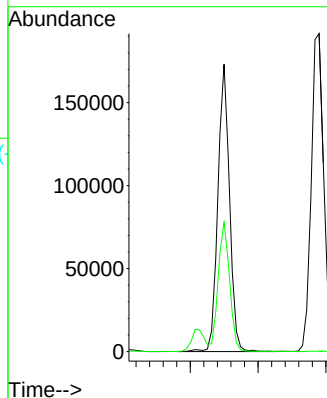
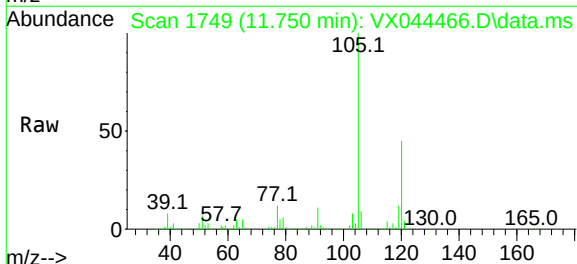
Acq: 23 Dec 2024 08:49

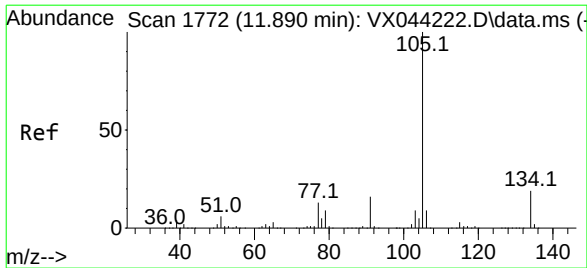
Tgt Ion:105 Resp: 206380

Ion Ratio Lower Upper

105 100

120 44.3 21.7 65.1





#85

sec-Butylbenzene

Concen: 54.332 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

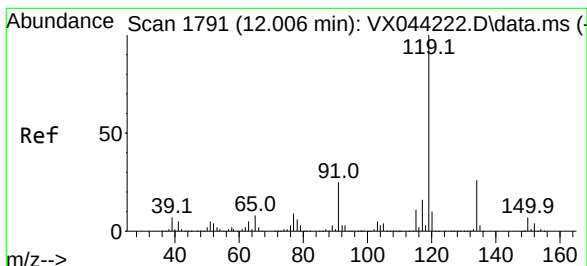
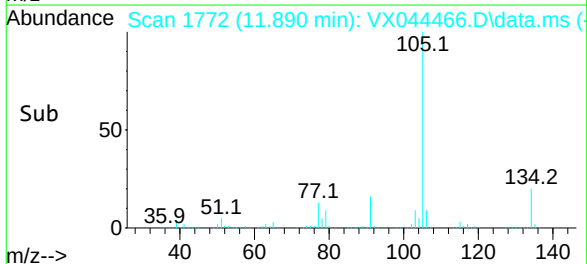
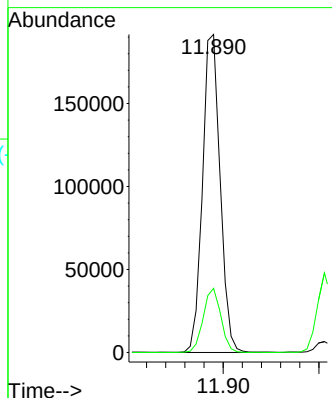
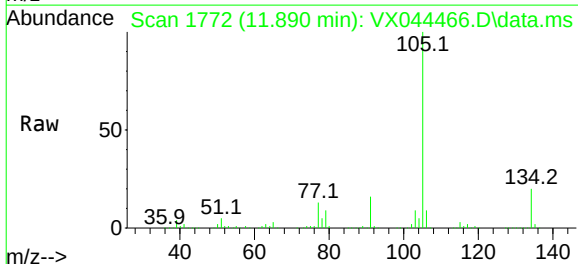
Tgt Ion:105 Resp: 245317
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#86

p-Isopropyltoluene

Concen: 55.162 ug/l

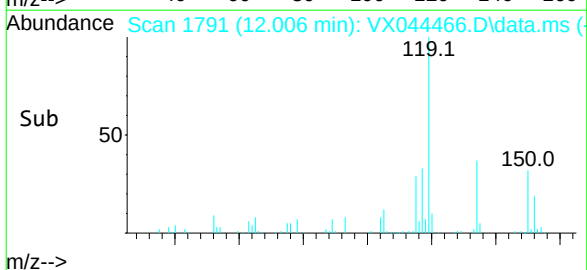
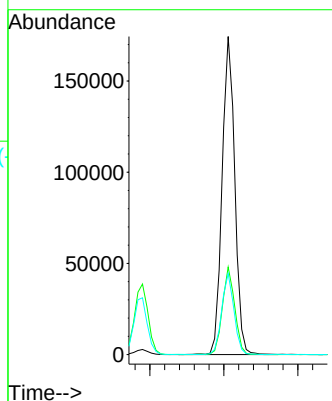
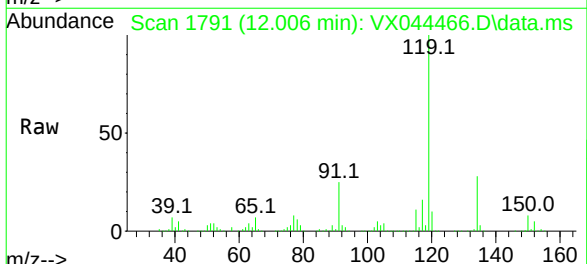
RT: 12.006 min Scan# 1791

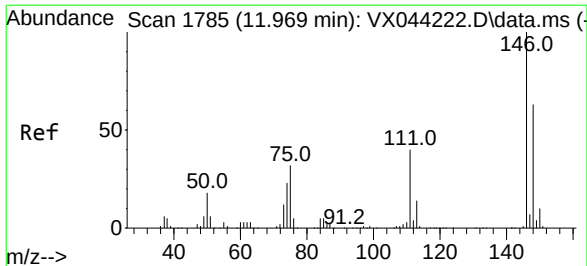
Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Tgt Ion:119 Resp: 207299
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.8 38.4
 91 24.7 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 53.639 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

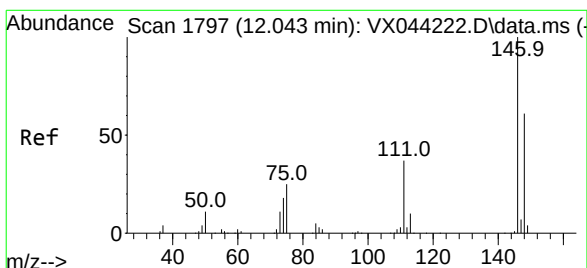
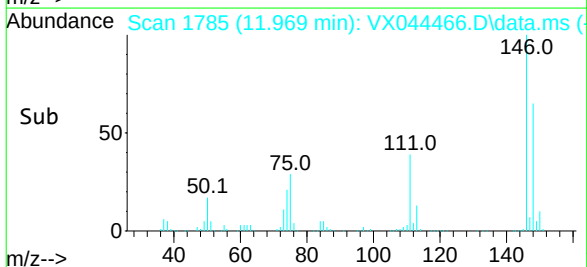
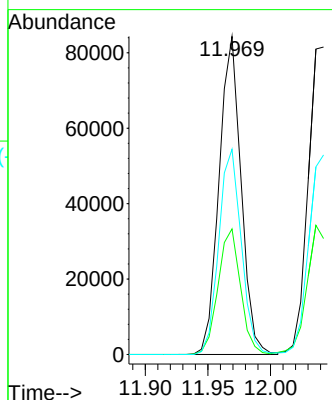
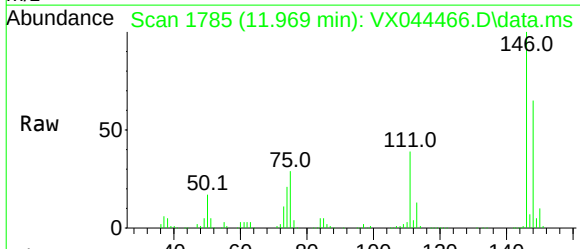
VSTDCCC050

Tgt Ion:	146	Resp:	103109
Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.4	64.2
148	66.0	31.7	95.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#88

1,4-Dichlorobenzene

Concen: 53.777 ug/l

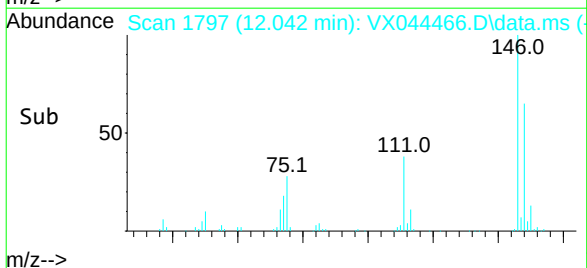
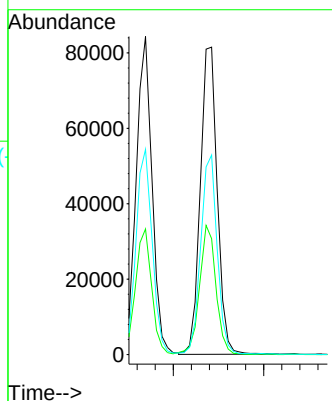
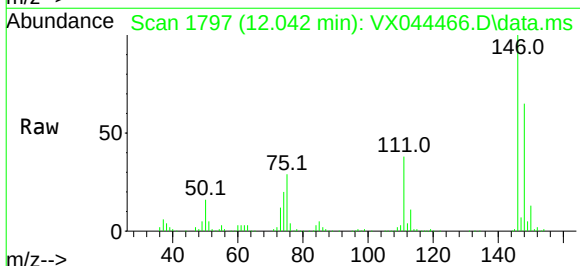
RT: 12.042 min Scan# 1797

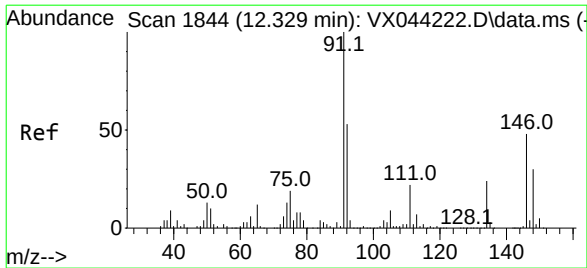
Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

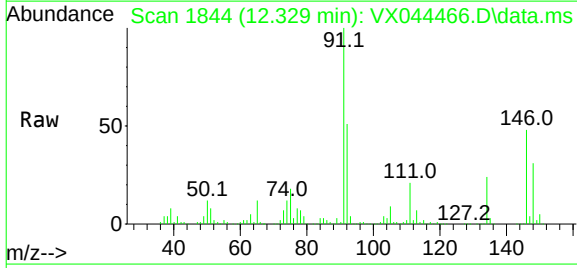
Tgt Ion:	146	Resp:	106265
Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.0	63.0
148	62.8	32.3	96.8





#89
n-Butylbenzene
Concen: 54.910 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

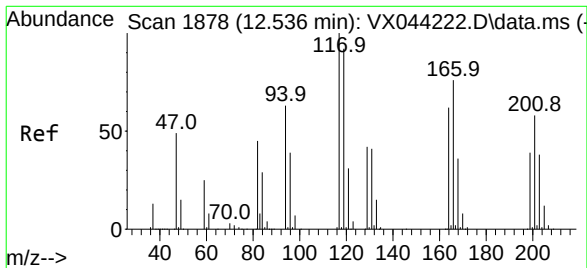
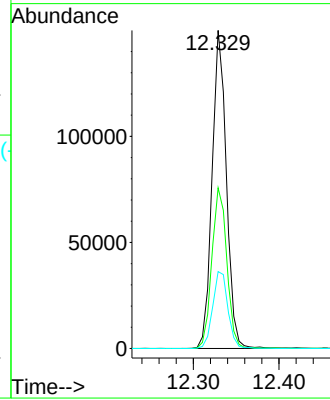
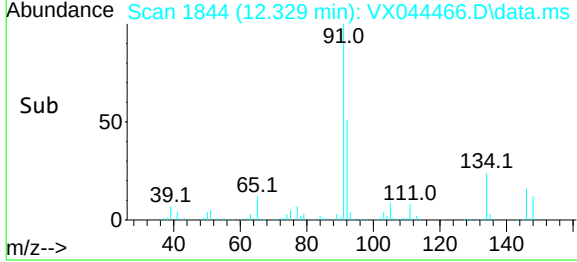
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 173517
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 25.8 12.6 37.8

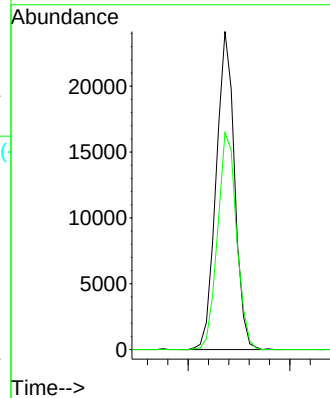
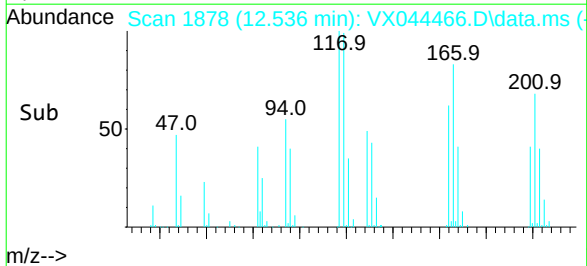
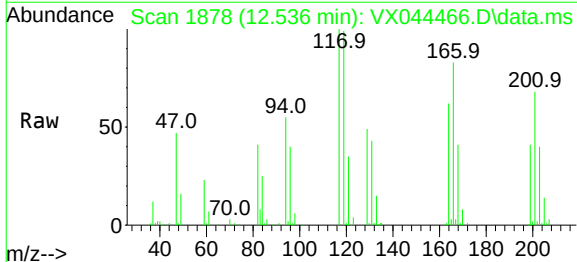
Manual Integrations
APPROVED

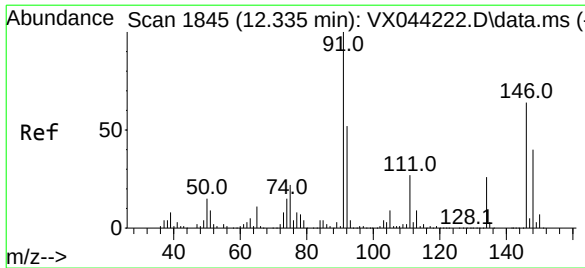
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90
Hexachloroethane
Concen: 55.398 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

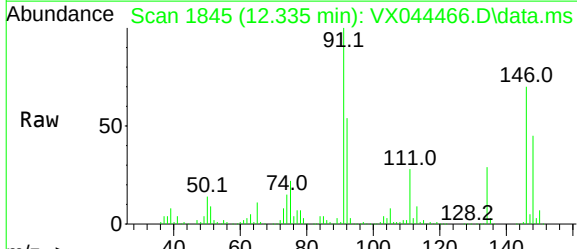
Tgt Ion:117 Resp: 30390
Ion Ratio Lower Upper
117 100
201 70.4 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 53.130 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49

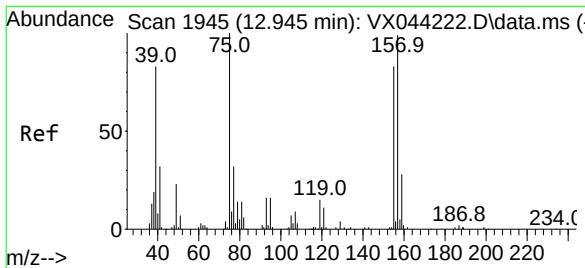
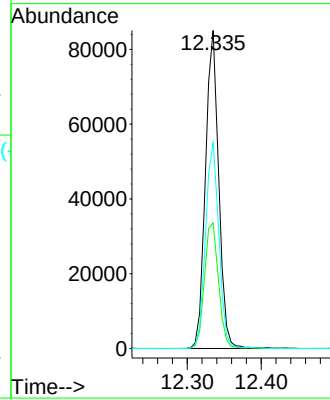
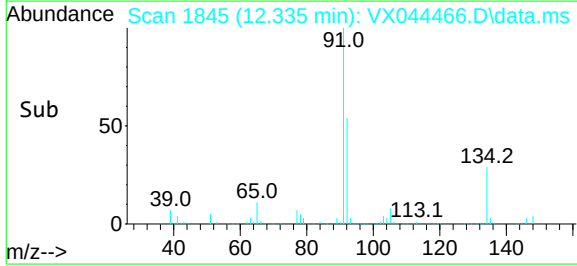
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



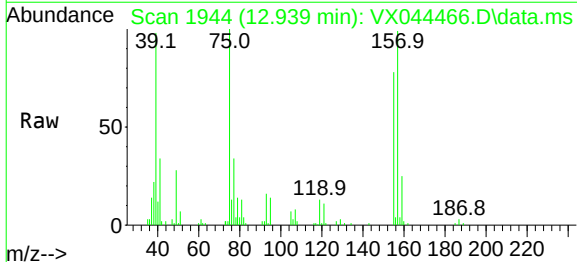
Tgt Ion: 146 Resp: 106046
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.3
148 65.2 31.6 95.0

Manual Integrations
APPROVED

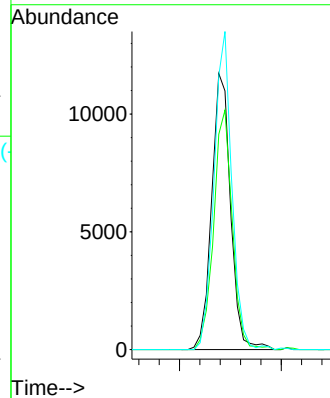
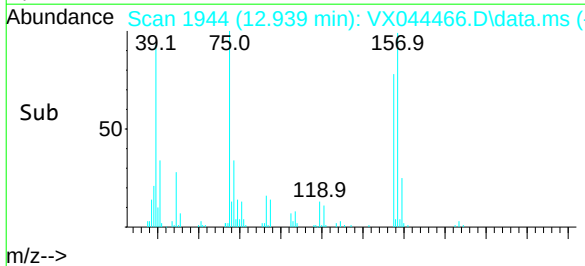
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

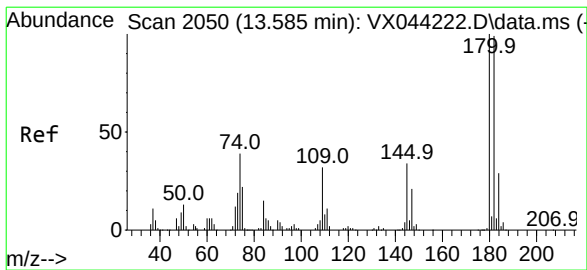


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.558 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044466.D
Acq: 23 Dec 2024 08:49



Tgt Ion: 75 Resp: 15164
Ion Ratio Lower Upper
75 100
155 85.3 38.1 114.3
157 108.8 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 55.746 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

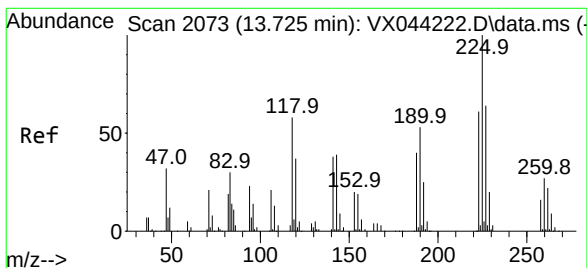
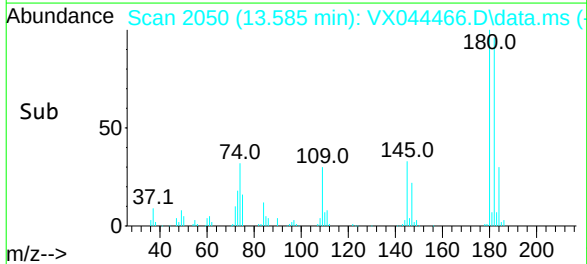
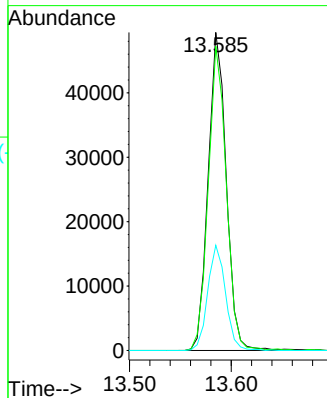
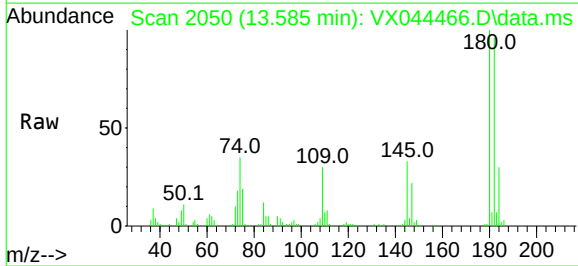
Tgt Ion:	180	Resp:	61001
Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	32.7	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#94

Hexachlorobutadiene

Concen: 58.407 ug/l

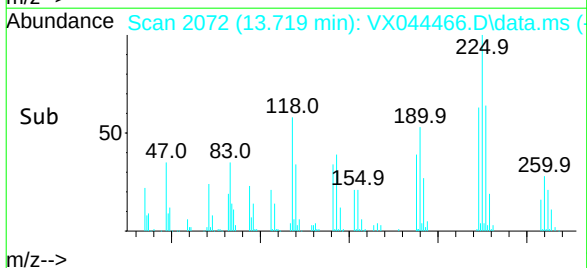
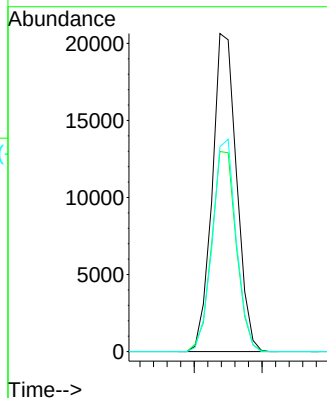
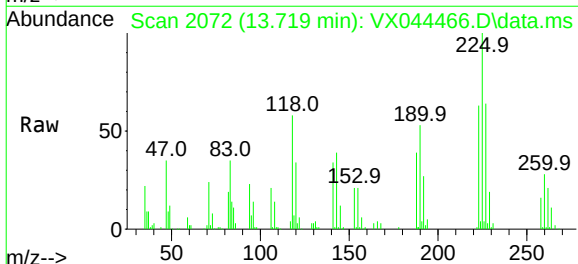
RT: 13.719 min Scan# 2072

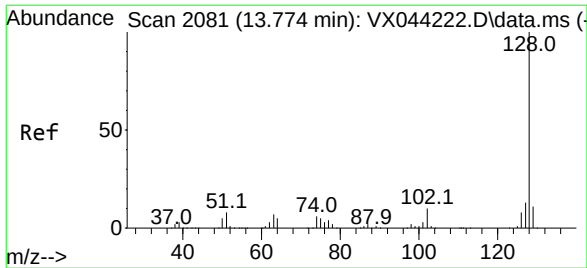
Delta R.T. -0.006 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Tgt Ion:	225	Resp:	25708
Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.8	92.4
227	65.3	32.1	96.3





#95

Naphthalene

Concen: 52.712 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

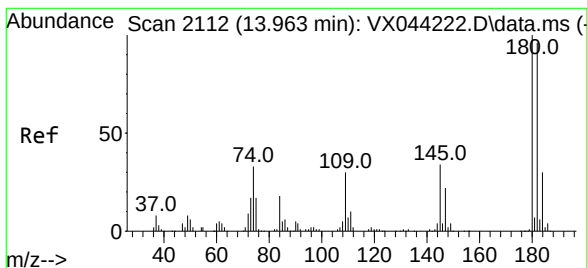
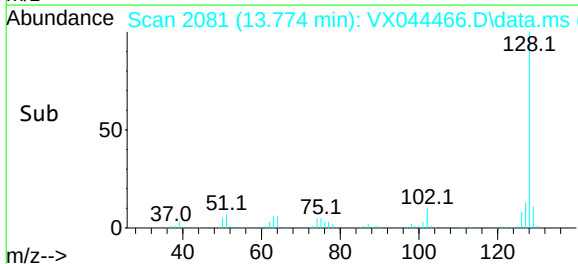
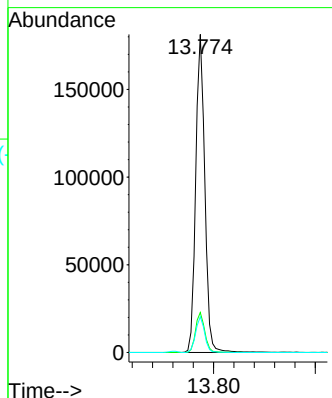
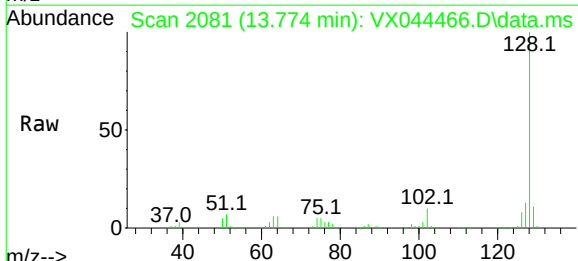
Tgt Ion:	128	Resp:	225156
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.1	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 54.418 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044466.D

Acq: 23 Dec 2024 08:49

Tgt Ion:	180	Resp:	63159
Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.0	144.0
145	33.8	17.7	53.1

