

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045454.D
 Acq On : 25 Mar 2025 20:37
 Operator : JC/MD
 Sample : Q1608-13MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318MSD

Quant Time: Mar 26 01:46:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	80493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72075	56.293	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.580%			
35) Dibromofluoromethane	5.379	113	51224	52.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.980%			
50) Toluene-d8	8.646	98	176887	50.474	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.940%			
62) 4-Bromofluorobenzene	11.079	95	65839	56.695	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63285	62.460	ug/l	98
3) Chloromethane	1.300	50	64830	52.284	ug/l	99
4) Vinyl Chloride	1.373	62	59303	48.211	ug/l	94
5) Bromomethane	1.593	94	27420	56.705	ug/l	99
6) Chloroethane	1.666	64	30511	53.776	ug/l	98
7) Trichlorofluoromethane	1.873	101	87332	53.631	ug/l	99
8) Diethyl Ether	2.129	74	29565	46.419	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	57563	61.530	ug/l	99
10) Methyl Iodide	2.446	142	66707	57.057	ug/l	94
11) Tert butyl alcohol	2.983	59	55999	230.904	ug/l	97
12) 1,1-Dichloroethene	2.306	96	52305	52.882	ug/l	90
13) Acrolein	2.233	56	77890	277.835	ug/l	100
14) Allyl chloride	2.654	41	98868	56.155	ug/l	94
15) Acrylonitrile	3.062	53	170104	261.705	ug/l	99
16) Acetone	2.385	43	156806	263.962	ug/l	97
17) Carbon Disulfide	2.501	76	129306	49.084	ug/l	97
18) Methyl Acetate	2.702	43	66573	46.584	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	182043	54.859	ug/l	97
20) Methylene Chloride	2.782	84	60500	51.413	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	52589	53.819	ug/l	97
22) Diisopropyl ether	3.757	45	195179	54.509	ug/l #	87
23) Vinyl Acetate	3.714	43	831269	278.193	ug/l	99
24) 1,1-Dichloroethane	3.605	63	107944	53.791	ug/l	100
25) 2-Butanone	4.556	43	244215	273.114	ug/l	97
26) 2,2-Dichloropropane	4.470	77	63478	67.439	ug/l	96
27) cis-1,2-Dichloroethene	4.476	96	66198	54.879	ug/l	94
28) Bromochloromethane	4.891	49	47249	49.398	ug/l	100
29) Tetrahydrofuran	5.001	42	154668	257.569	ug/l	99
30) Chloroform	5.086	83	114418	57.384	ug/l	97
31) Cyclohexane	5.458	56	96420	55.352	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	92807	57.630	ug/l	98
36) 1,1-Dichloropropene	5.684	75	72172	54.441	ug/l	100
37) Ethyl Acetate	4.708	43	87894	51.453	ug/l	99
38) Carbon Tetrachloride	5.671	117	78156	58.070	ug/l	95
39) Methylcyclohexane	7.372	83	92006	57.921	ug/l	96
40) Benzene	6.031	78	223694	53.436	ug/l	98

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Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 03/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	51618	55.883	ug/l	98
42) 1,2-Dichloroethane	6.080	62	91723	60.846	ug/l	97
43) Isopropyl Acetate	6.342	43	139900	55.384	ug/l	99
44) Trichloroethene	7.122	130	182090	185.246	ug/l	98
45) 1,2-Dichloropropane	7.427	63	56754	52.730	ug/l	98
46) Dibromomethane	7.580	93	42457	55.809	ug/l	97
47) Bromodichloromethane	7.817	83	85131	57.051	ug/l	100
48) Methyl methacrylate	7.689	41	74476	58.769	ug/l	93
49) 1,4-Dioxane	7.659	88	25440	951.681	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	482778	284.646	ug/l	99
52) Toluene	8.714	92	137053	55.800	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	73337	58.788	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	83300	57.263	ug/l	93
55) 1,1,2-Trichloroethane	9.146	97	55071	54.465	ug/l	98
56) Ethyl methacrylate	9.116	69	89821	58.440	ug/l	92
57) 1,3-Dichloropropane	9.305	76	96907	55.380	ug/l	100
59) 2-Hexanone	9.427	43	359074	292.199	ug/l	97
60) Dibromochloromethane	9.518	129	60687	57.402	ug/l	100
61) 1,2-Dibromoethane	9.604	107	55964	55.442	ug/l	100
64) Tetrachloroethene	9.268	164	49262	59.734	ug/l	98
65) Chlorobenzene	10.073	112	148540	54.517	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	49482	54.533	ug/l	97
67) Ethyl Benzene	10.189	91	269267	56.717	ug/l	99
68) m/p-Xylenes	10.299	106	194318	111.808	ug/l	94
69) o-Xylene	10.640	106	95373	54.410	ug/l	95
70) Styrene	10.652	104	161039	56.780	ug/l	97
71) Bromoform	10.799	173	37117	54.246	ug/l #	99
73) Isopropylbenzene	10.957	105	254922	55.365	ug/l	98
74) N-amyl acetate	10.841	43	118252	54.733	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	85900	50.839	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	72621m	52.891	ug/l	
77) Bromobenzene	11.195	156	56308	51.831	ug/l	92
78) n-propylbenzene	11.298	91	298852	57.457	ug/l	98
79) 2-Chlorotoluene	11.359	91	180454	54.476	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	207948	55.855	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20244	50.457	ug/l #	83
82) 4-Chlorotoluene	11.451	91	202603	56.120	ug/l	99
83) tert-Butylbenzene	11.713	119	207511	54.247	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	210227	56.119	ug/l	98
85) sec-Butylbenzene	11.890	105	256982	56.082	ug/l	99
86) p-Isopropyltoluene	12.006	119	212455	57.372	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	101086	52.159	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	100948	51.485	ug/l	98
89) n-Butylbenzene	12.329	91	184374	57.809	ug/l	99
90) Hexachloroethane	12.536	117	36429	54.388	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	104063	53.527	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	18808	57.137	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	57410	51.861	ug/l	100
94) Hexachlorobutadiene	13.725	225	23639	52.086	ug/l	99
95) Naphthalene	13.774	128	219719	51.660	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	59607	51.041	ug/l	99

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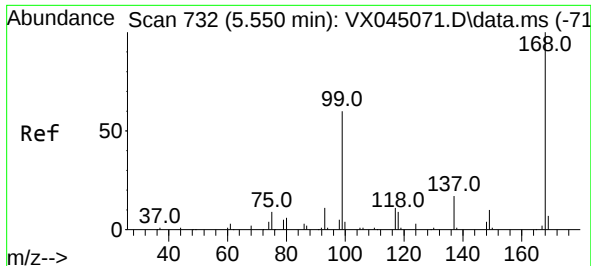
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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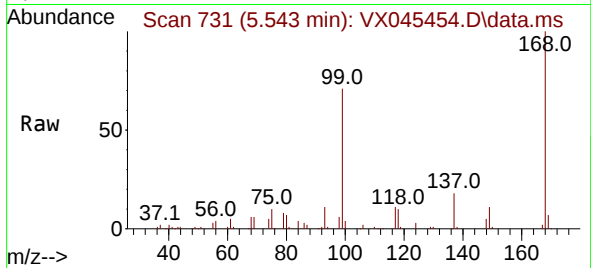
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

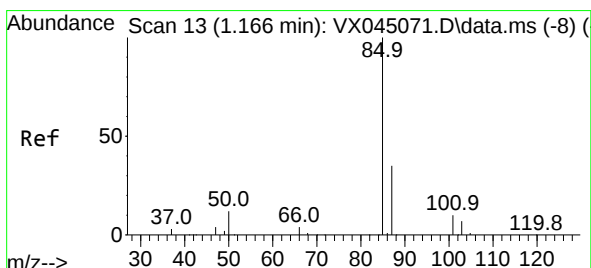
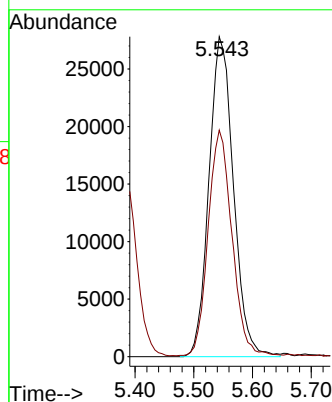
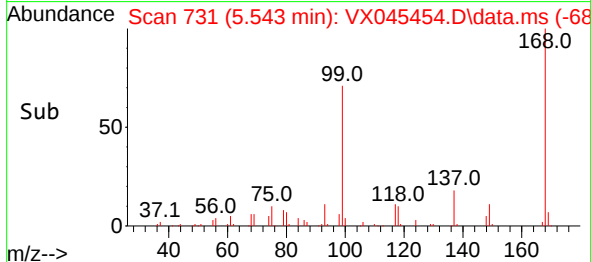
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion:168 Resp: 8049
Ion Ratio Lower Upper
168 100
99 70.4 48.2 72.4

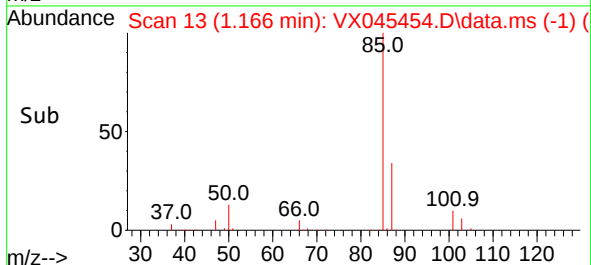
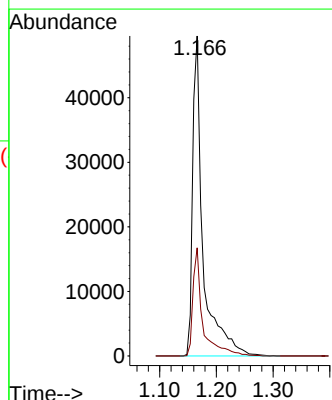
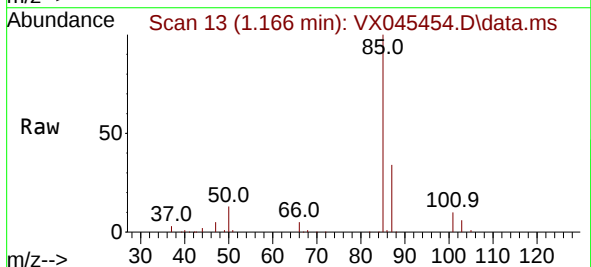
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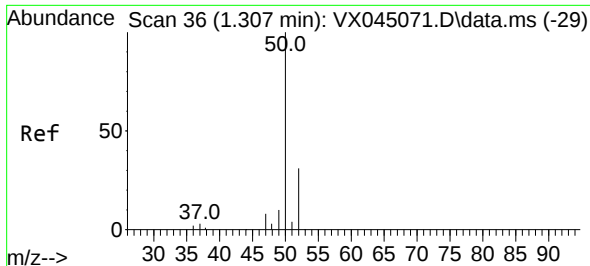
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#2
Dichlorodifluoromethane
Concen: 62.460 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

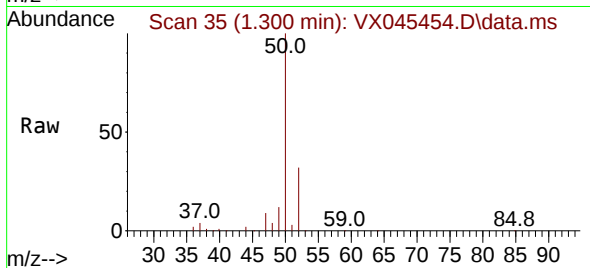
Tgt Ion: 85 Resp: 63285
Ion Ratio Lower Upper
85 100
87 33.8 17.4 52.3





#3
Chloromethane
Concen: 52.284 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

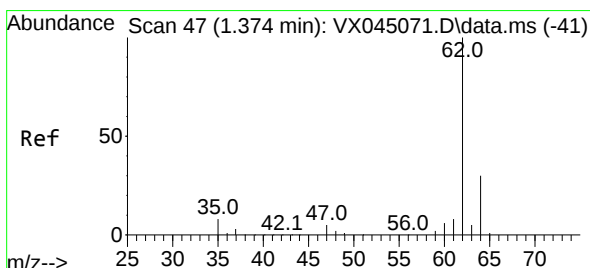
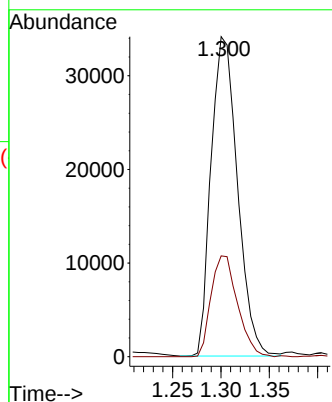
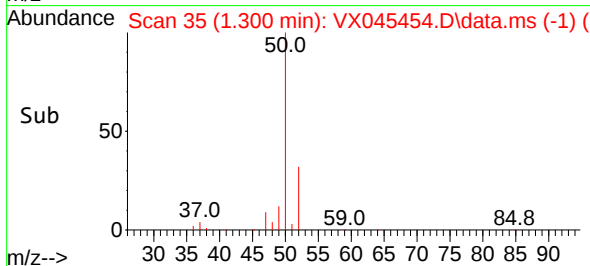
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Tgt Ion: 50 Resp: 64830
Ion Ratio Lower Upper
50 100
52 31.6 25.0 37.4

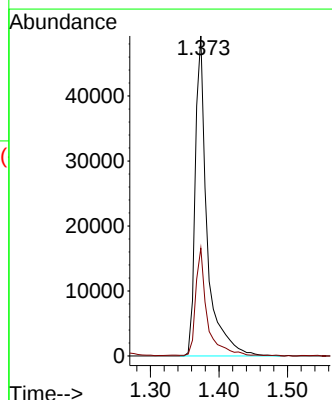
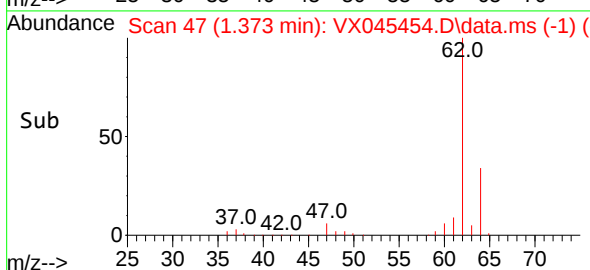
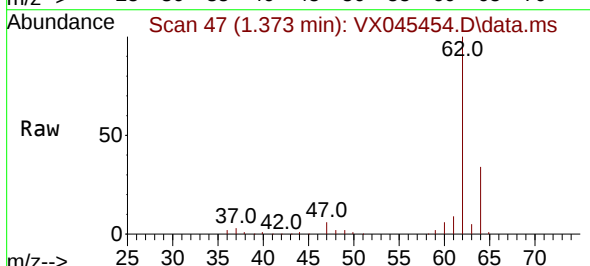
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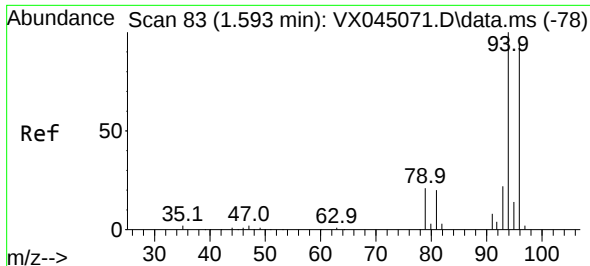
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#4
Vinyl Chloride
Concen: 48.211 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

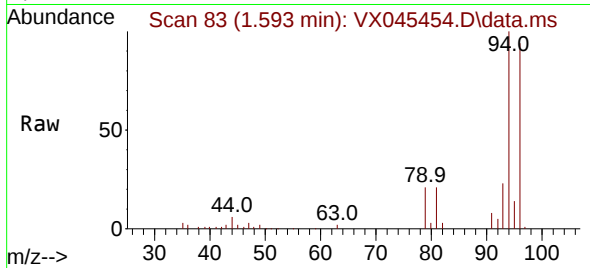
Tgt Ion: 62 Resp: 59303
Ion Ratio Lower Upper
62 100
64 33.5 24.3 36.5





#5
Bromomethane
Concen: 56.705 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

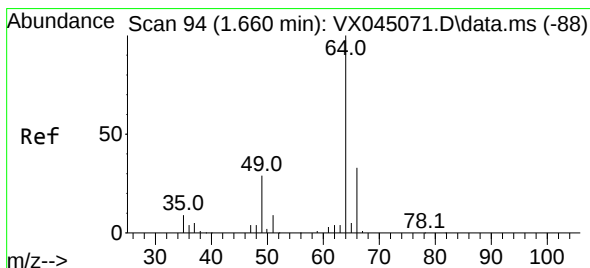
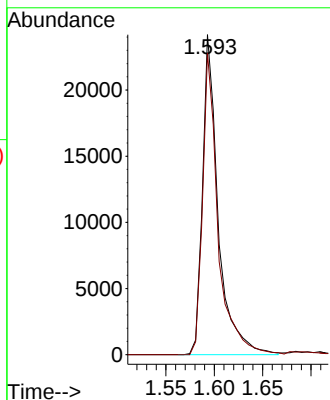
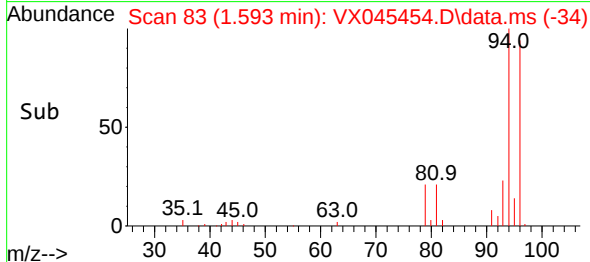
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Tgt Ion: 94 Resp: 27420
Ion Ratio Lower Upper
94 100
96 94.3 75.0 112.4

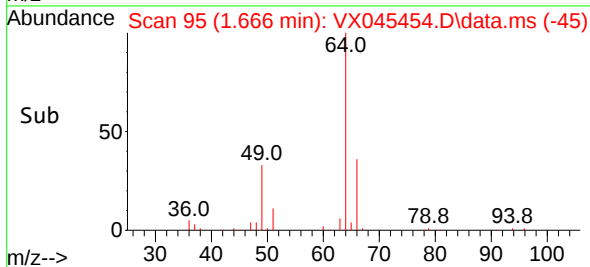
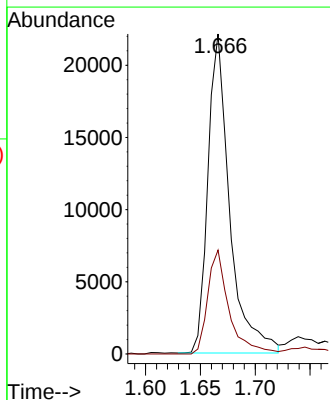
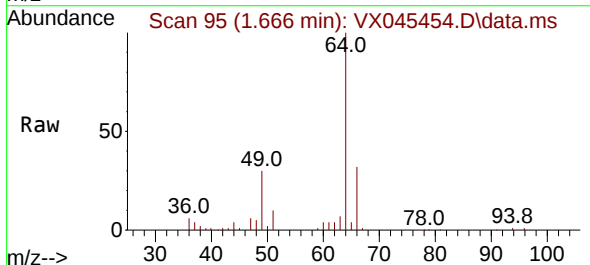
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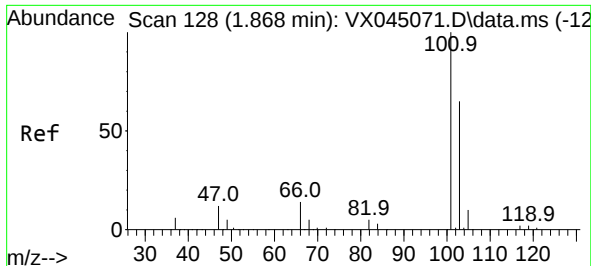
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#6
Chloroethane
Concen: 53.776 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045454.D
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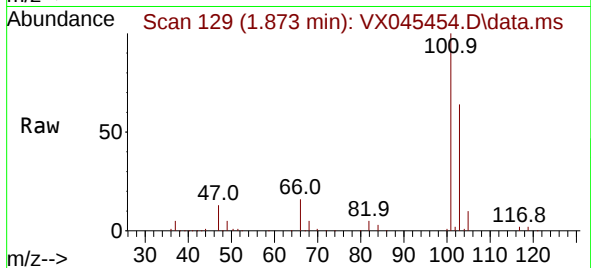
Tgt Ion: 64 Resp: 30511
Ion Ratio Lower Upper
64 100
66 32.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 53.631 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

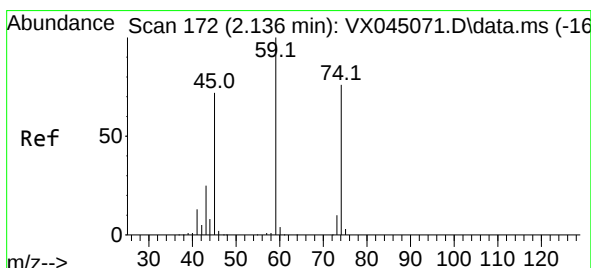
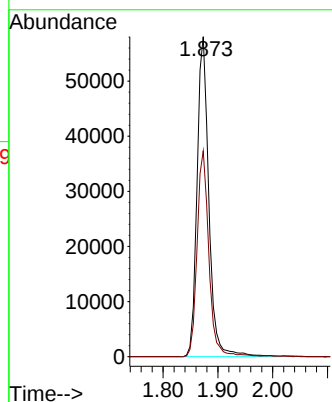
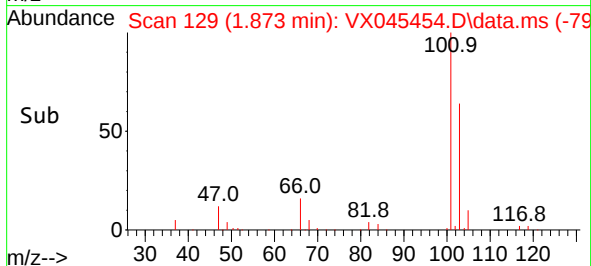
Instrument :
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RE132D1-20250318MSD



Tgt Ion:101 Resp: 8733
Ion Ratio Lower Upper
101 100
103 64.3 52.1 78.1

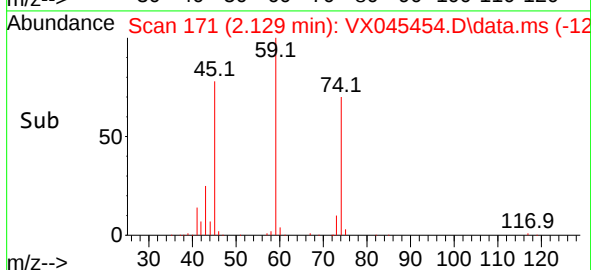
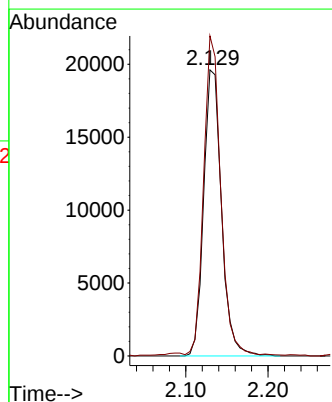
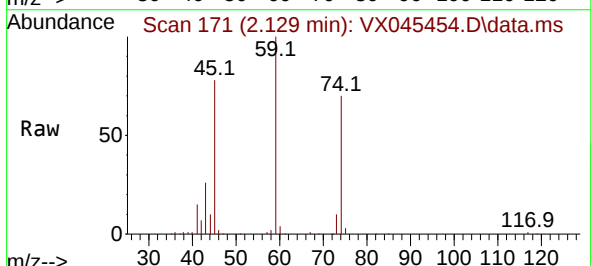
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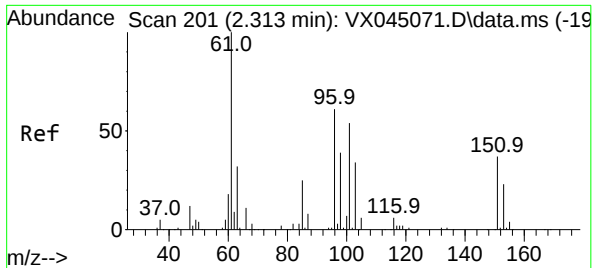
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#8
Diethyl Ether
Concen: 46.419 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

Tgt Ion: 74 Resp: 29565
Ion Ratio Lower Upper
74 100
45 106.8 51.5 154.5





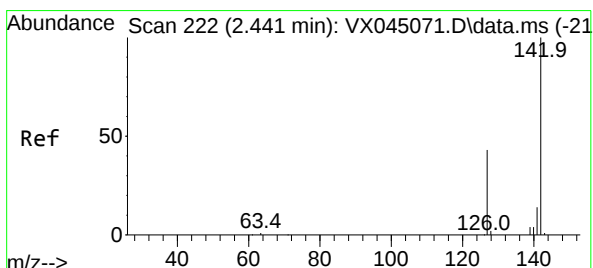
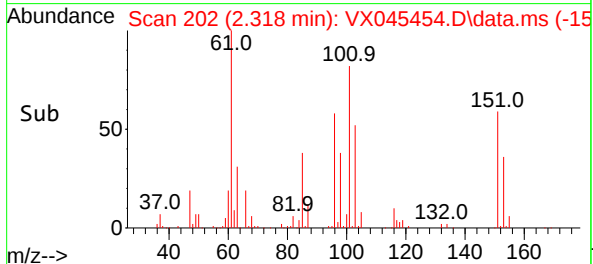
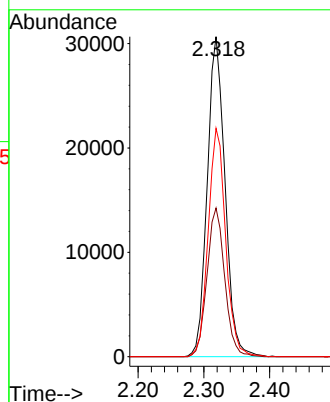
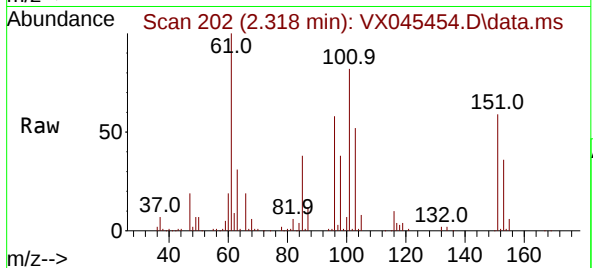
#9
1,1,2-Trichlorotrifluoroethane
Concen: 61.530 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD

Tgt Ion:101 Resp: 5756
Ion Ratio Lower Upper
101 100
85 46.4 36.2 54.4
151 70.3 56.4 84.6

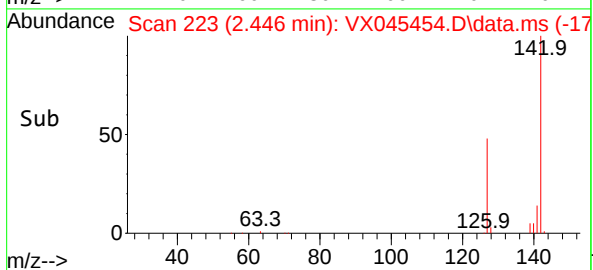
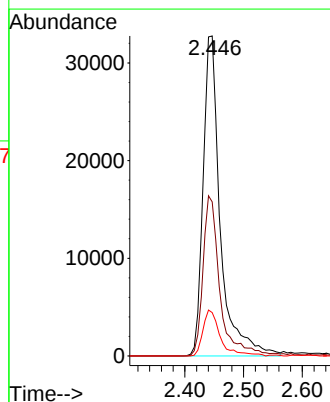
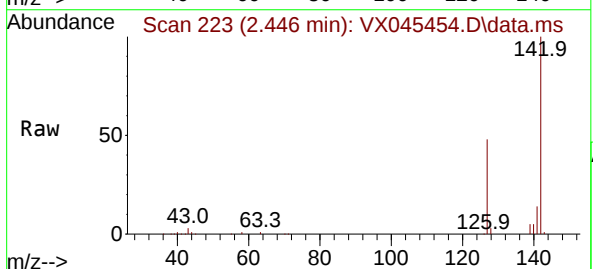
Manual Integrations
APPROVED

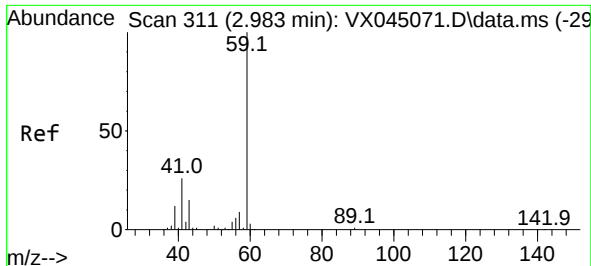
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#10
Methyl Iodide
Concen: 57.057 ug/l
RT: 2.446 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

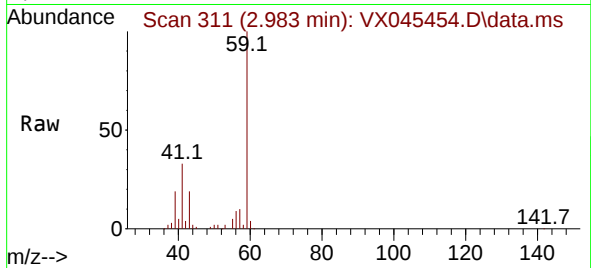
Tgt Ion:142 Resp: 66707
Ion Ratio Lower Upper
142 100
127 49.7 35.4 53.2
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 230.904 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

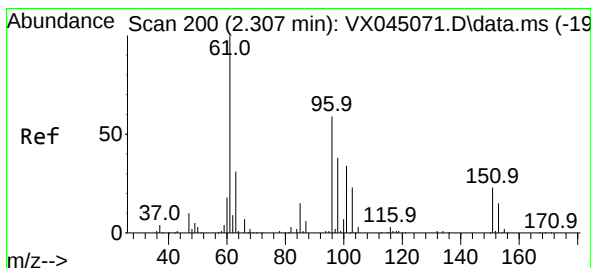
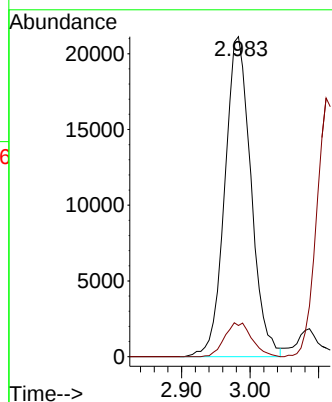
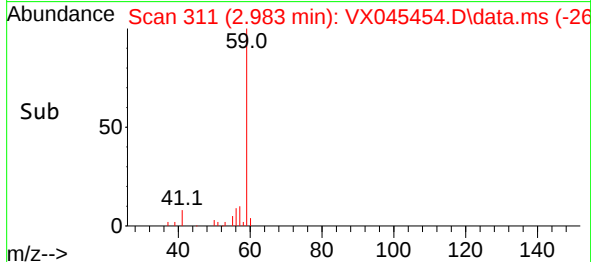
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



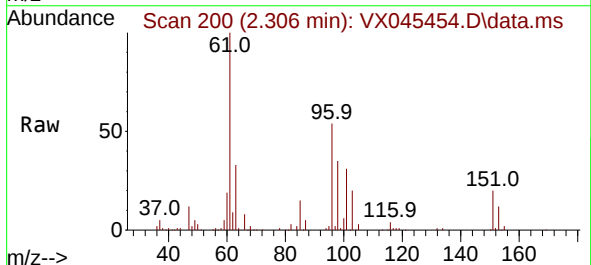
Tgt Ion: 59 Resp: 5599
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.8

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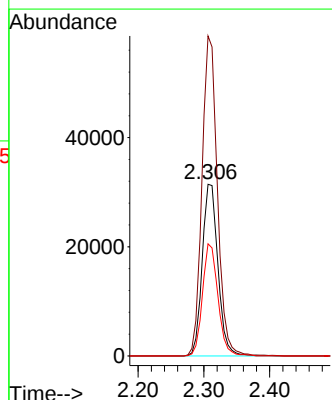
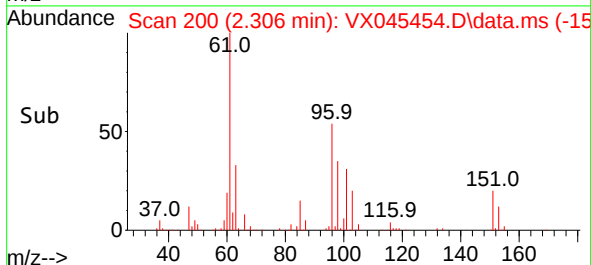
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

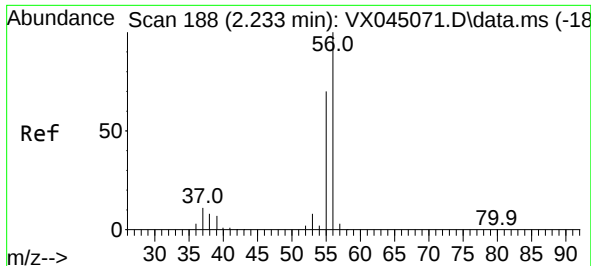


#12
1,1-Dichloroethene
Concen: 52.882 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37



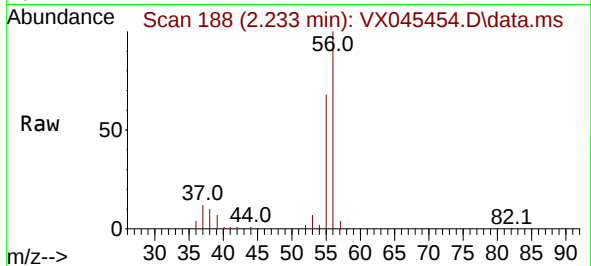
Tgt Ion: 96 Resp: 52305
Ion Ratio Lower Upper
96 100
61 186.4 134.6 202.0
98 65.4 51.0 76.6





#13
Acrolein
Concen: 277.835 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

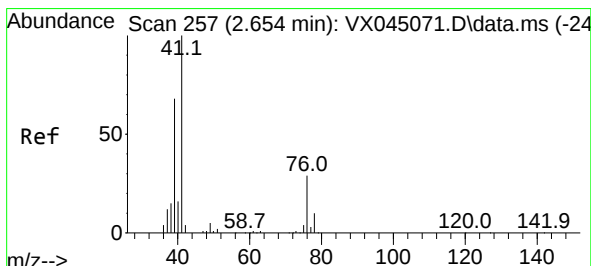
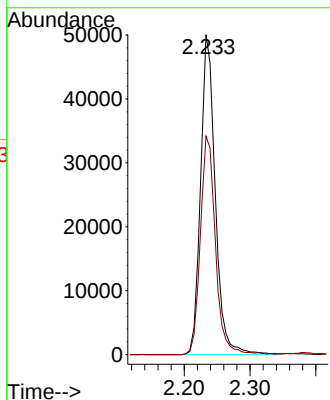
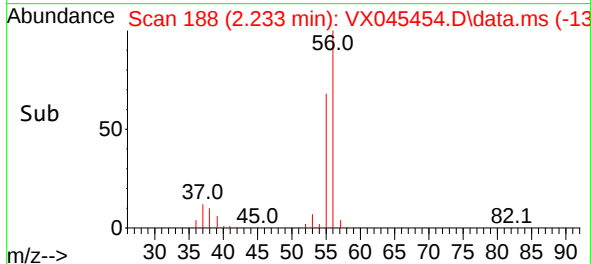
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 56 Resp: 77890
Ion Ratio Lower Upper
56 100
55 70.1 56.2 84.4

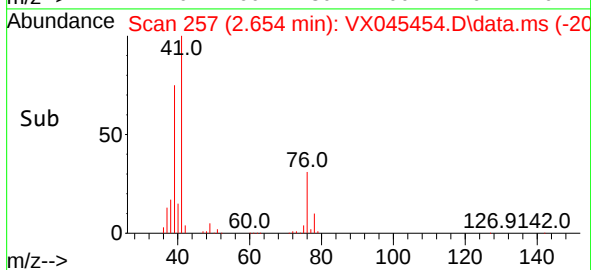
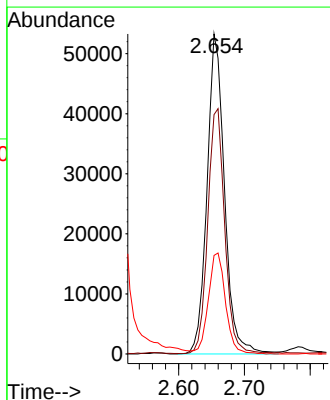
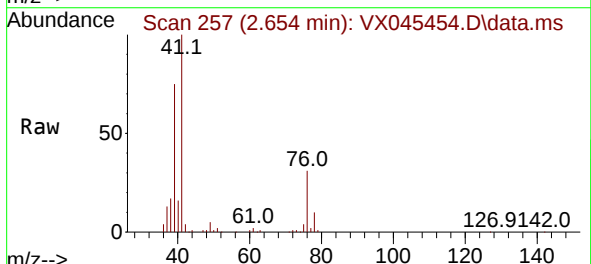
Manual Integrations
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Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#14
Allyl chloride
Concen: 56.155 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

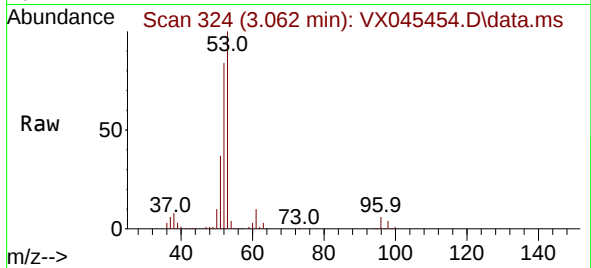
Tgt Ion: 41 Resp: 98868
Ion Ratio Lower Upper
41 100
39 74.2 53.8 80.8
76 31.1 25.2 37.8





#15
Acrylonitrile
Concen: 261.705 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

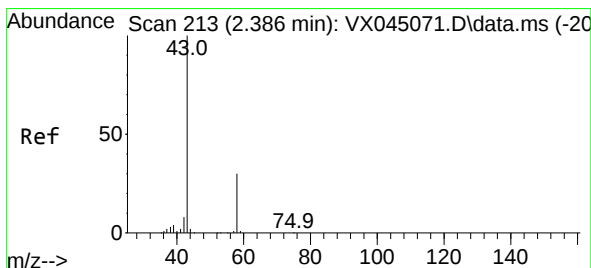
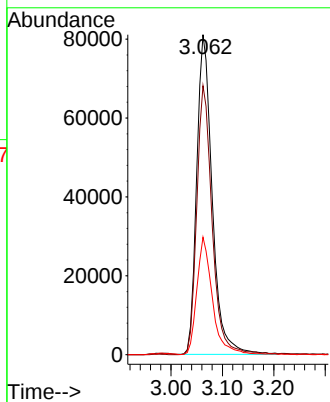
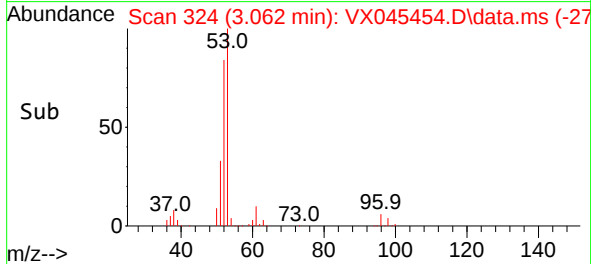
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 53 Resp: 170104
Ion Ratio Lower Upper
53 100
52 83.8 66.2 99.2
51 37.3 29.0 43.4

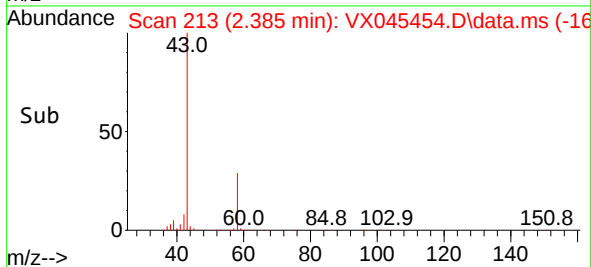
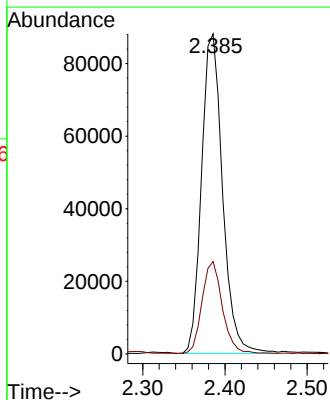
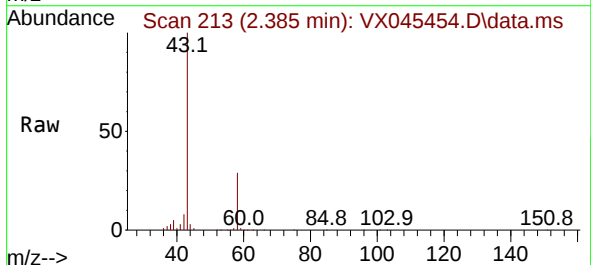
Manual Integrations
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Supervised By :Mahesh Dadoda 03/26/2025



#16
Acetone
Concen: 263.962 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

Tgt Ion: 43 Resp: 156806
Ion Ratio Lower Upper
43 100
58 28.8 24.2 36.4





#17

Carbon Disulfide

Concen: 49.084 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD

Tgt Ion: 76 Resp: 129300

Ion Ratio Lower Upper

76 100

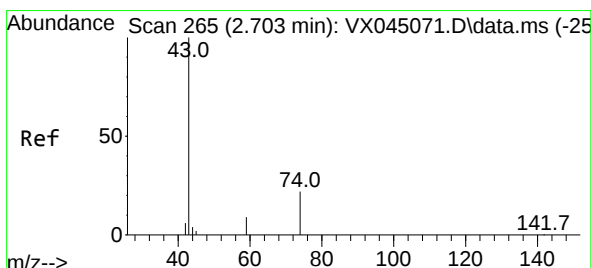
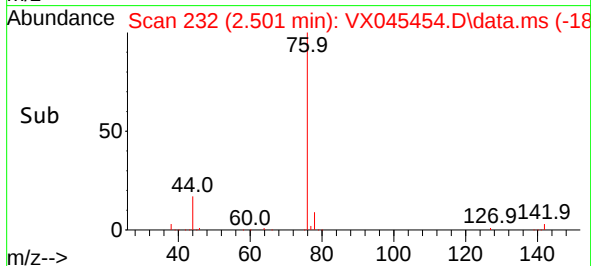
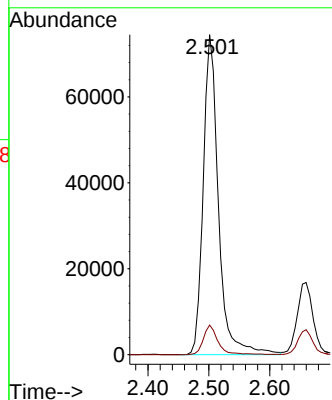
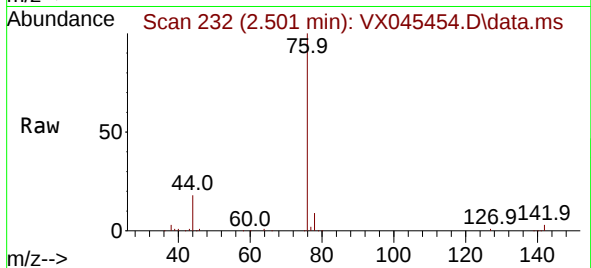
78 9.2 6.6 9.8

Manual Integrations

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Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#18

Methyl Acetate

Concen: 46.584 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045454.D

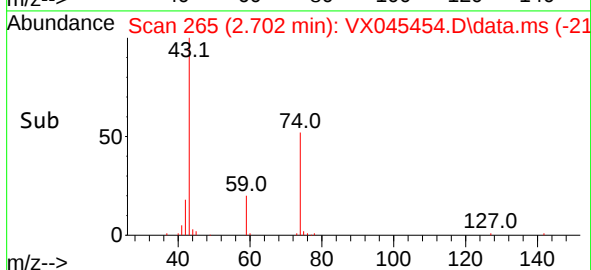
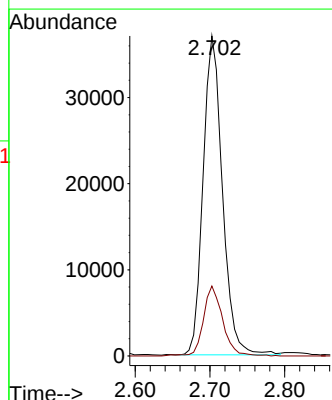
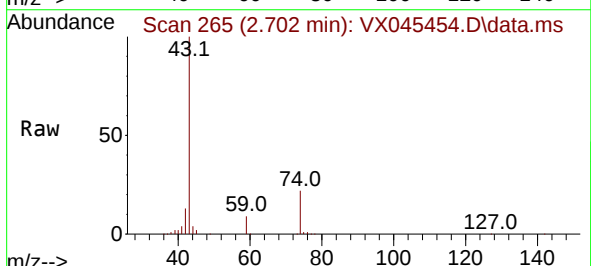
Acq: 25 Mar 2025 20:37

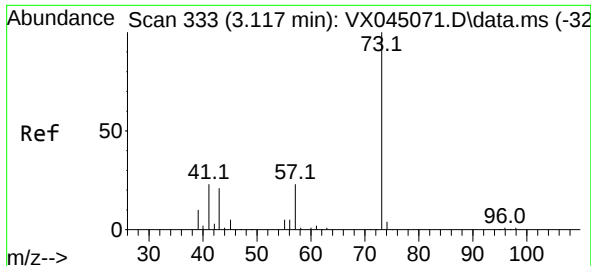
Tgt Ion: 43 Resp: 66573

Ion Ratio Lower Upper

43 100

74 21.9 17.4 26.2





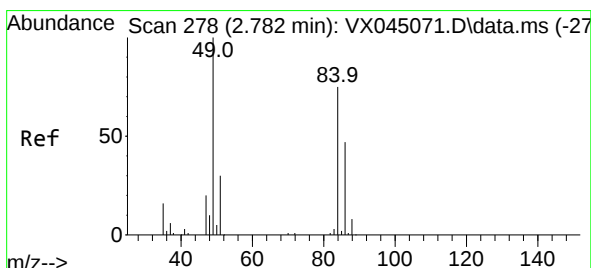
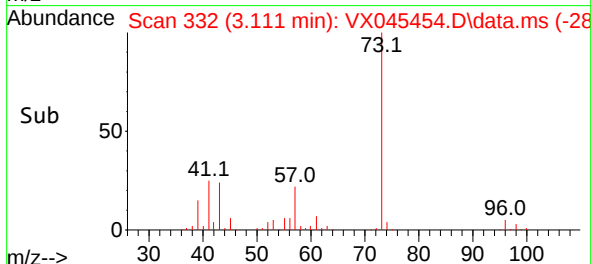
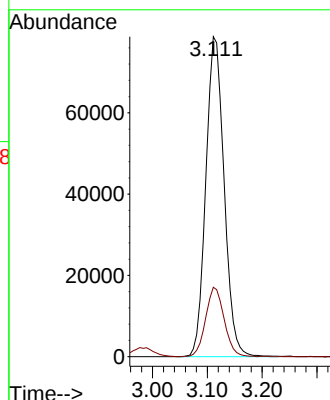
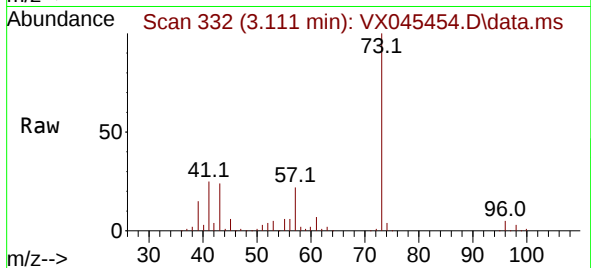
#19
Methyl tert-butyl Ether
Concen: 54.859 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD

Tgt Ion: 73 Resp: 18204
Ion Ratio Lower Upper
73 100
57 21.7 18.5 27.7

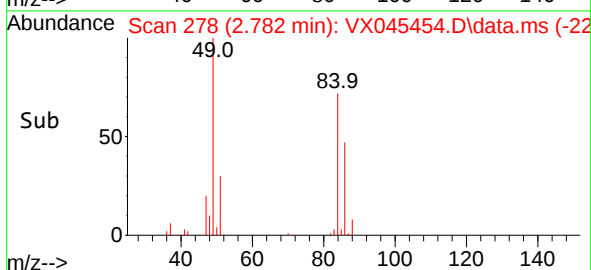
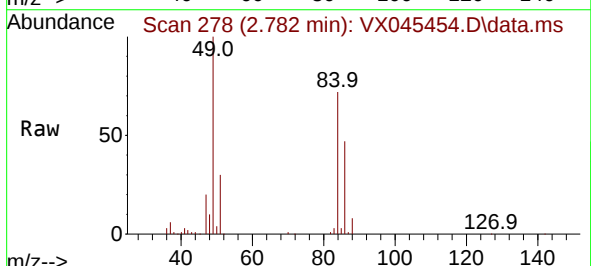
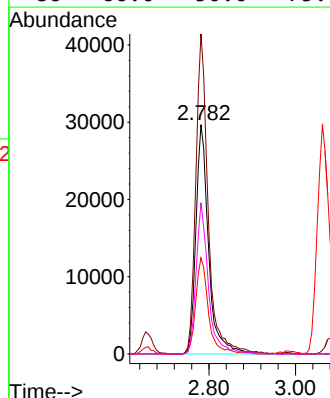
Manual Integrations
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Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#20
Methylene Chloride
Concen: 51.413 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

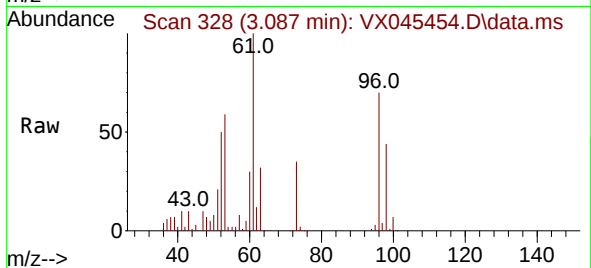
Tgt Ion: 84 Resp: 60500
Ion Ratio Lower Upper
84 100
49 139.6 106.5 159.7
51 41.9 32.1 48.1
86 66.0 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 53.819 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

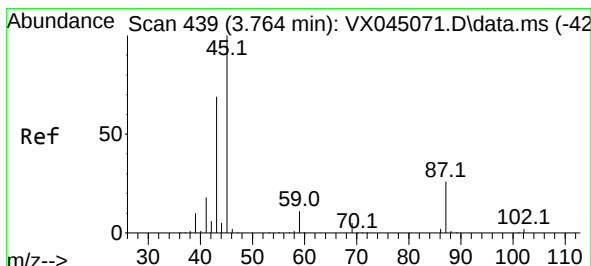
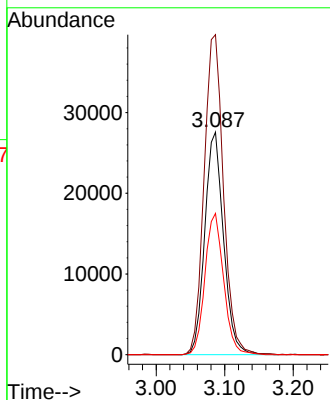
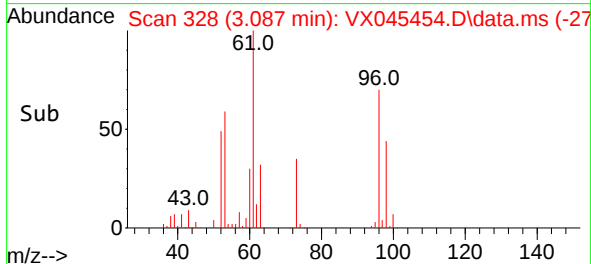
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 96 Resp: 52589
Ion Ratio Lower Upper
96 100
61 143.8 117.0 175.4
98 63.5 53.4 80.2

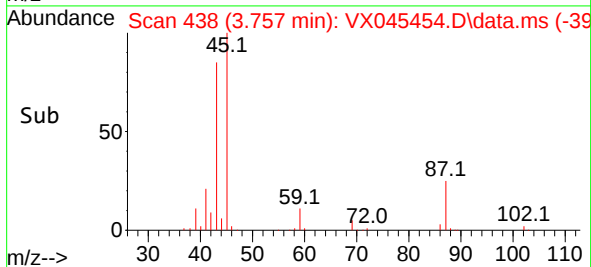
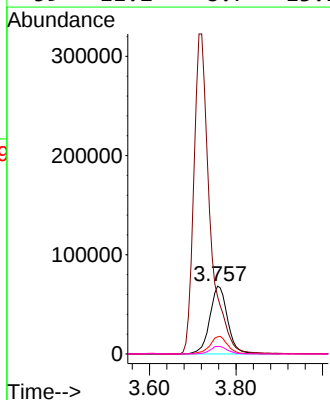
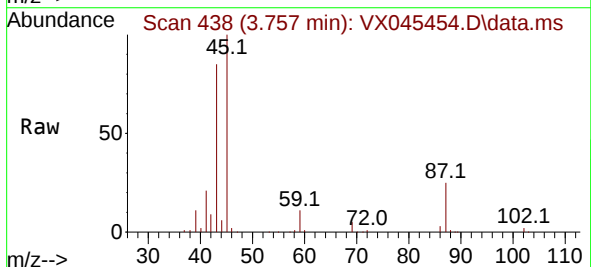
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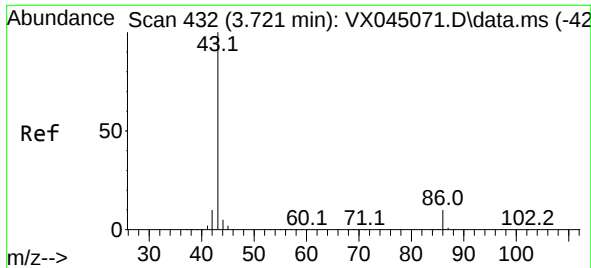
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#22
Diisopropyl ether
Concen: 54.509 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

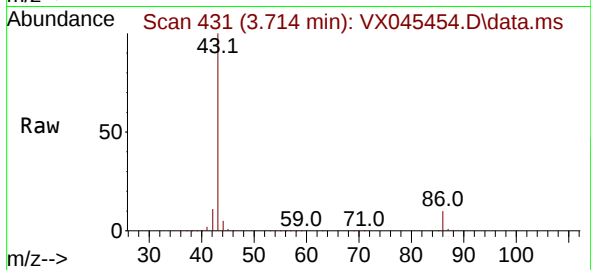
Tgt Ion: 45 Resp: 195179
Ion Ratio Lower Upper
45 100
43 84.7 54.9 82.3#
87 25.2 21.0 31.4
59 11.2 8.7 13.1





#23
 Vinyl Acetate
 Concen: 278.193 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045454.D
 Acq: 25 Mar 2025 20:37

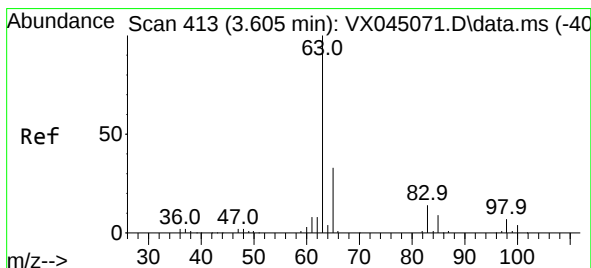
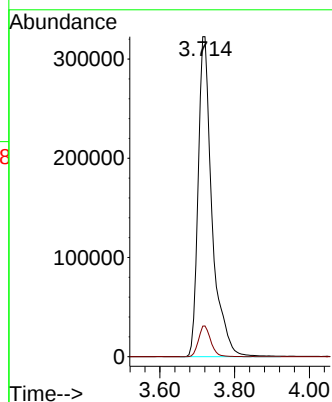
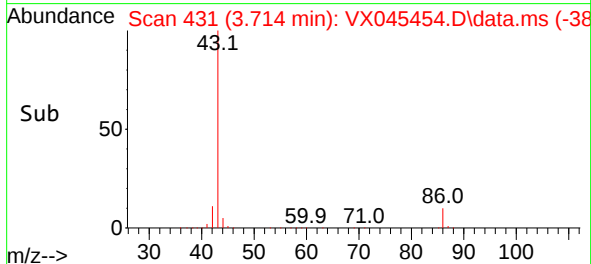
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318MSD



Tgt Ion: 43 Resp: 831269
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1

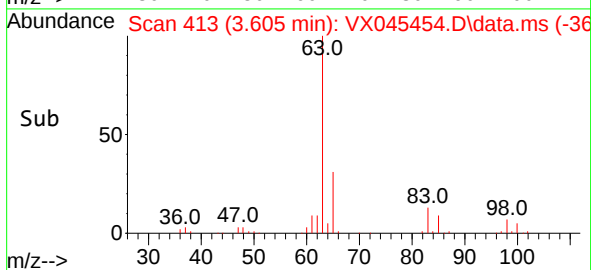
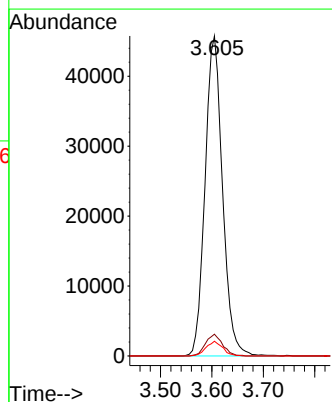
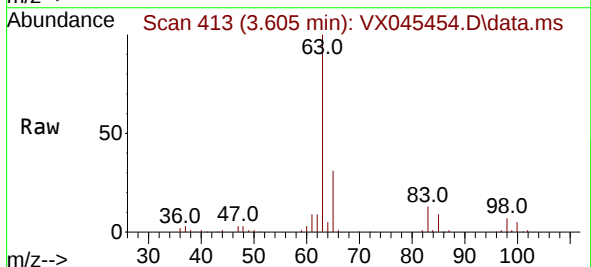
Manual Integrations
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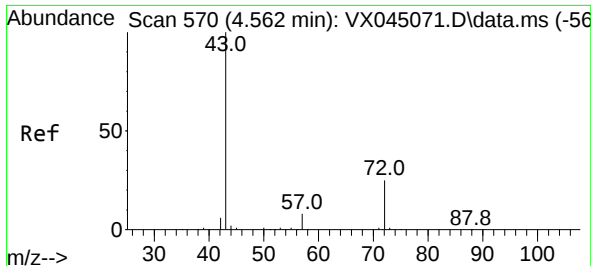
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#24
 1,1-Dichloroethane
 Concen: 53.791 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045454.D
 Acq: 25 Mar 2025 20:37

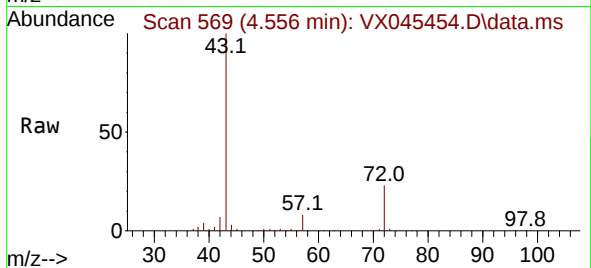
Tgt Ion: 63 Resp: 107944
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.6 2.1 6.5





#25
2-Butanone
Concen: 273.114 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

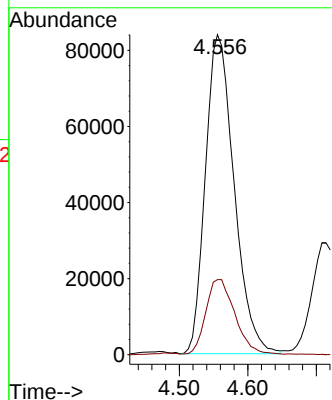
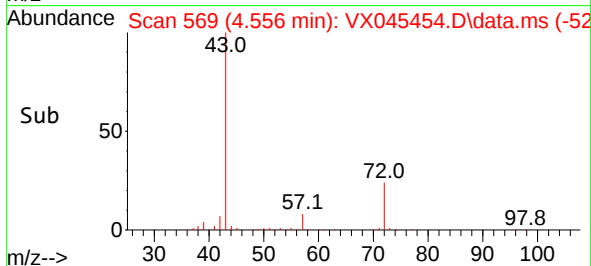
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 43 Resp: 244215
Ion Ratio Lower Upper
43 100
72 23.3 20.0 30.0

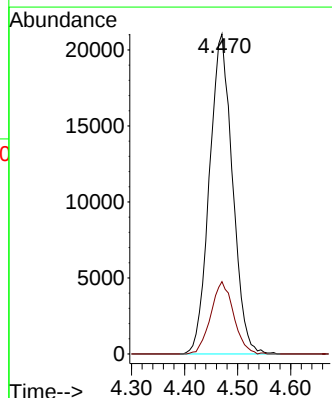
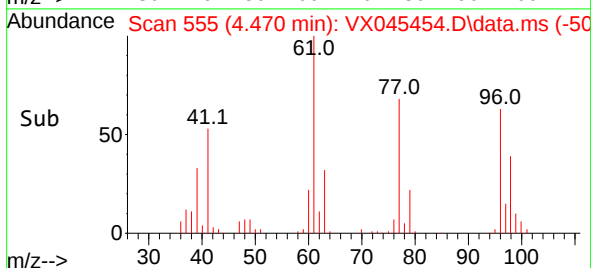
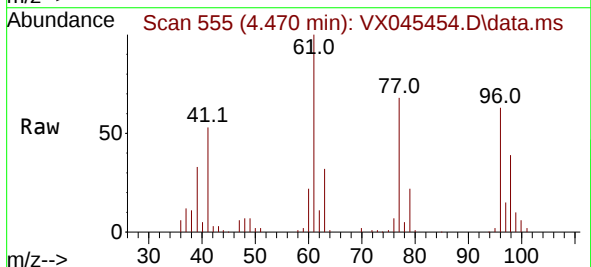
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#26
2,2-Dichloropropane
Concen: 67.439 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

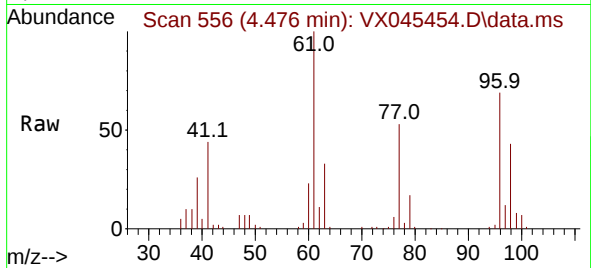
Tgt Ion: 77 Resp: 63478
Ion Ratio Lower Upper
77 100
97 22.5 12.4 37.0





#27
cis-1,2-Dichloroethene
Concen: 54.879 ug/l
RT: 4.476 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

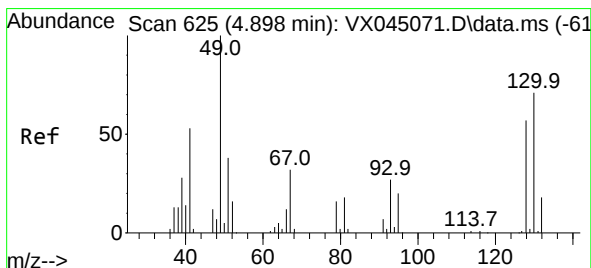
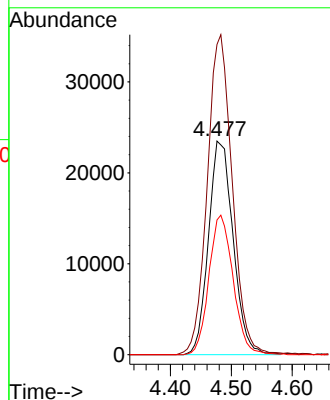
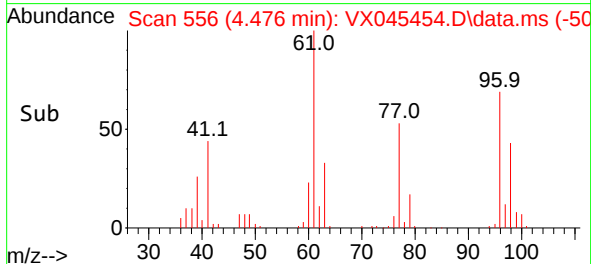
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 96 Resp: 66198
Ion Ratio Lower Upper
96 100
61 152.2 0.0 283.2
98 64.1 0.0 128.0

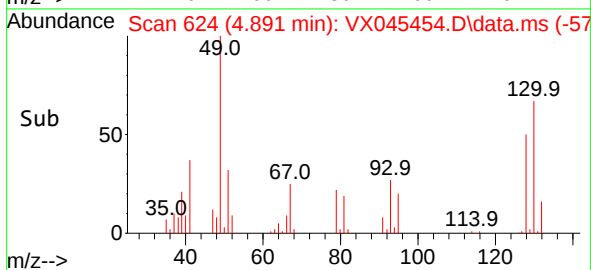
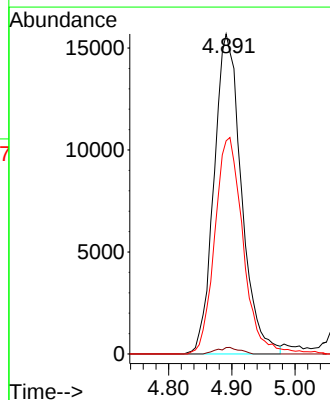
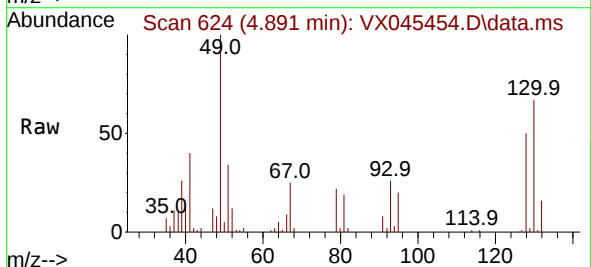
Manual Integrations
APPROVED

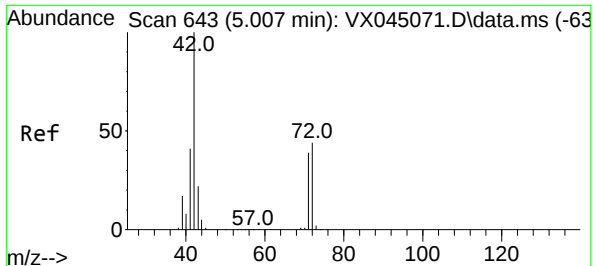
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#28
Bromochloromethane
Concen: 49.398 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

Tgt Ion: 49 Resp: 47249
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 70.1 56.1 84.1





#29

Tetrahydrofuran

Concen: 257.569 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD

Tgt Ion: 42 Resp: 15466

Ion Ratio Lower Upper

42 100

72 42.3 34.1 51.1

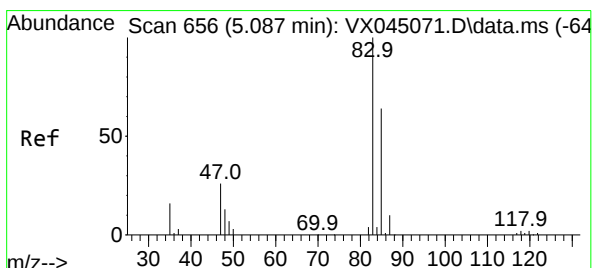
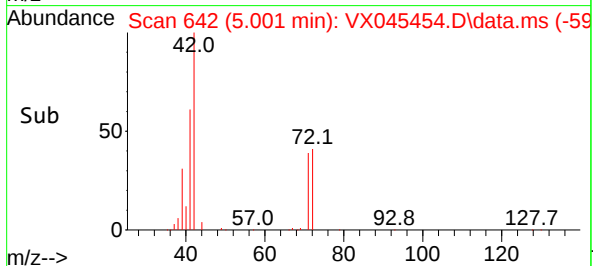
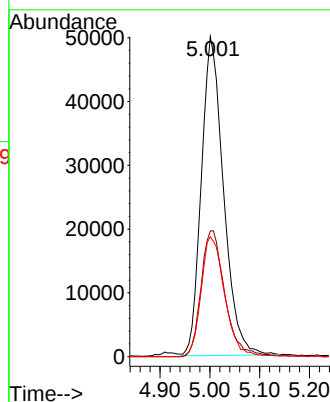
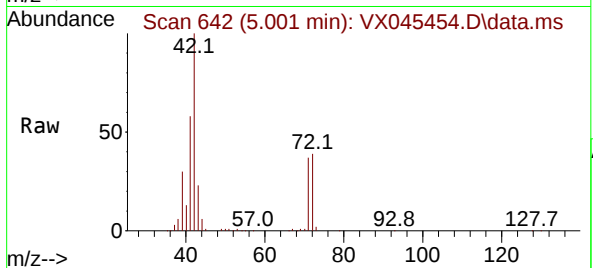
71 39.7 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#30

Chloroform

Concen: 57.384 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045454.D

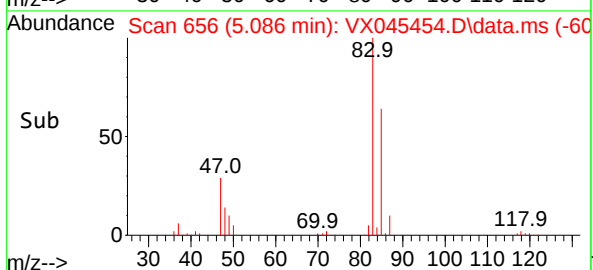
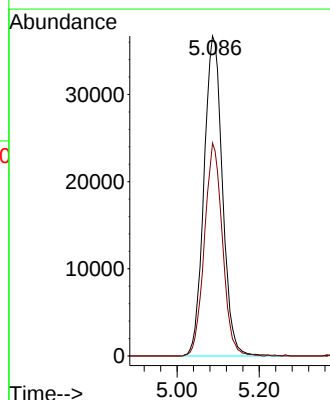
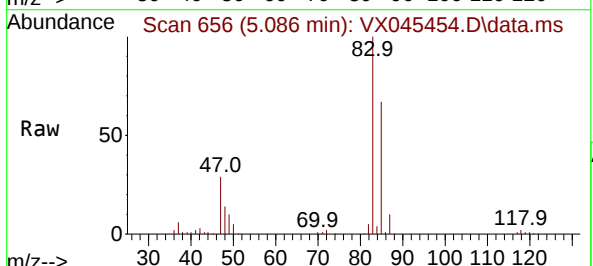
Acq: 25 Mar 2025 20:37

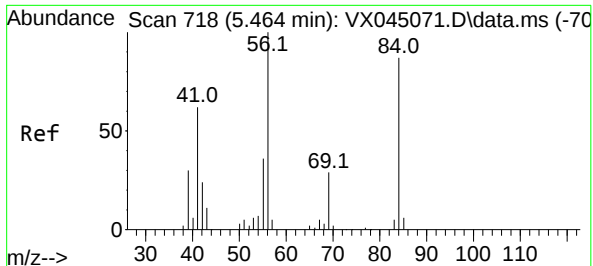
Tgt Ion: 83 Resp: 114418

Ion Ratio Lower Upper

83 100

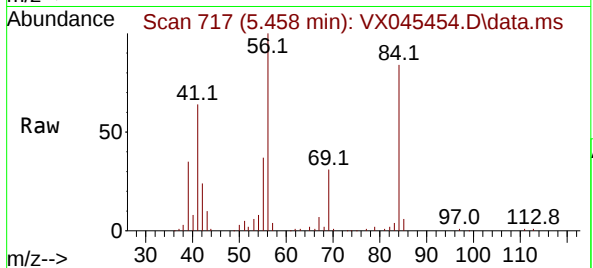
85 66.5 51.4 77.2





#31
Cyclohexane
Concen: 55.352 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

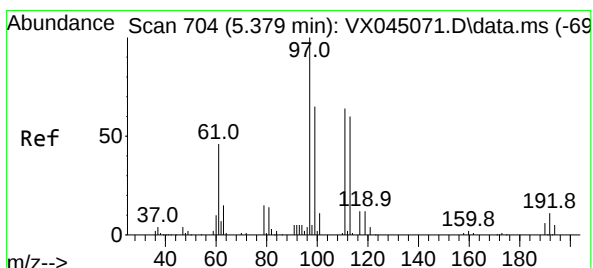
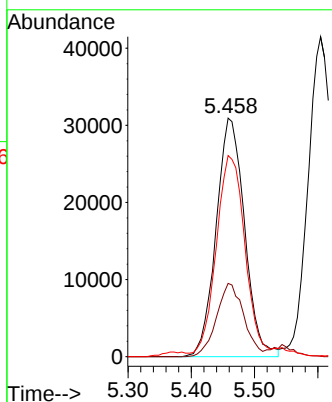
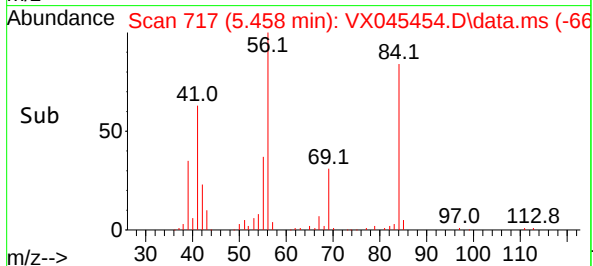
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 56 Resp: 96420
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.2
84 82.7 69.4 104.2

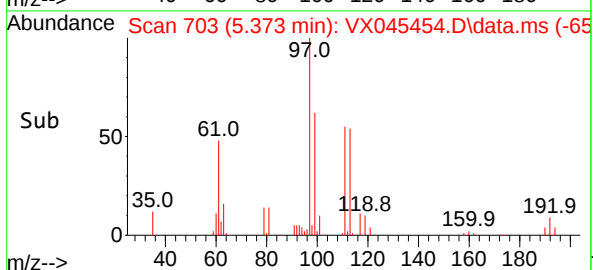
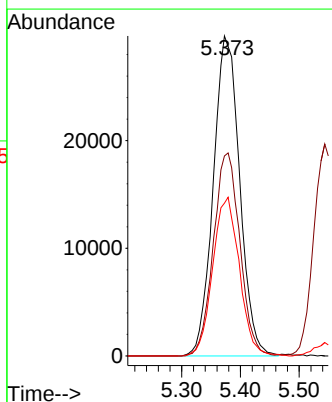
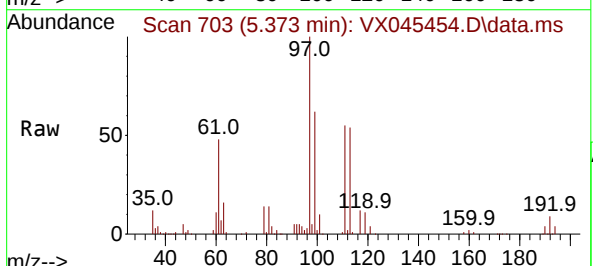
Manual Integrations
APPROVED

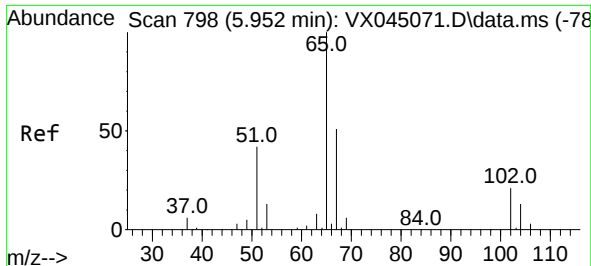
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#32
1,1,1-Trichloroethane
Concen: 57.630 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

Tgt Ion: 97 Resp: 92807
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 50.1 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 56.293 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD

Tgt Ion: 65 Resp: 72075

Ion Ratio Lower Upper

65 100

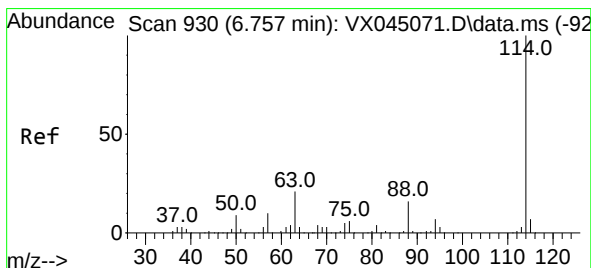
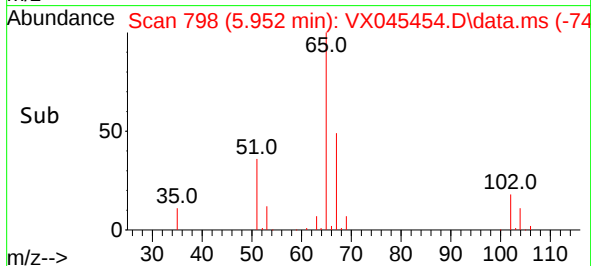
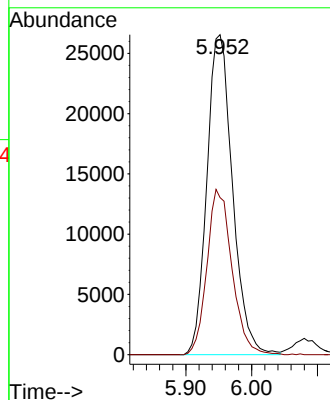
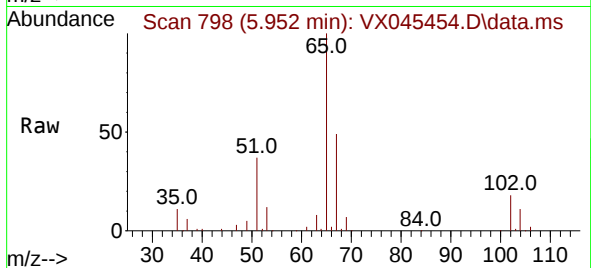
67 50.5 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

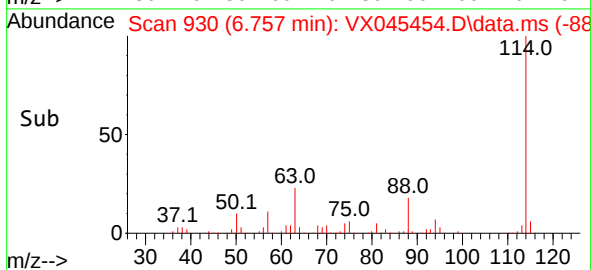
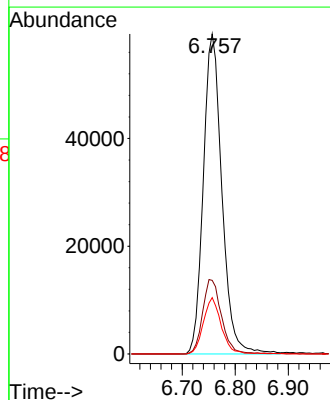
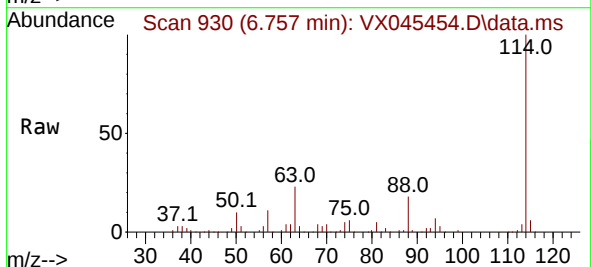
Tgt Ion:114 Resp: 144565

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 17.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.990 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045454.D

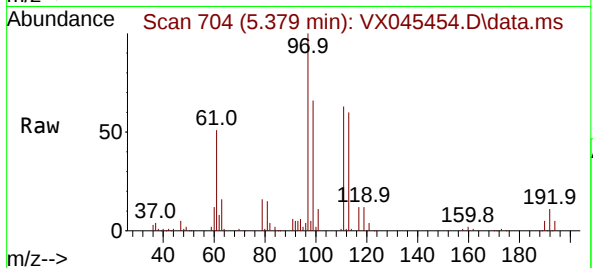
Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD



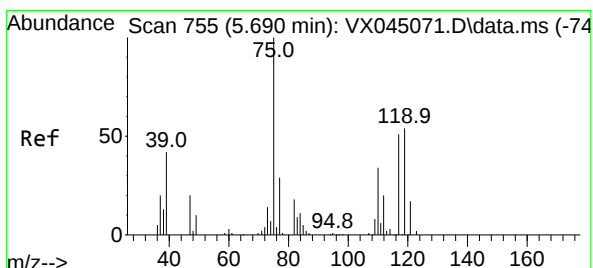
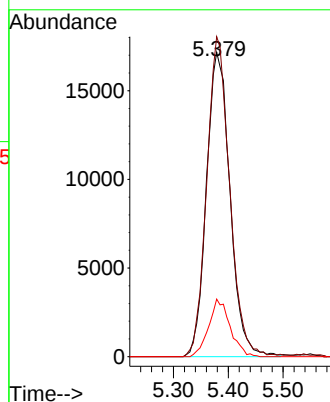
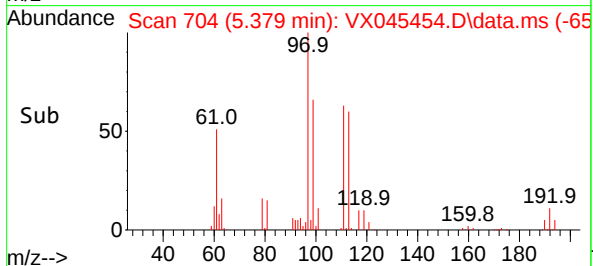
Tgt Ion:	113	Resp:	51224
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	17.2	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#36

1,1-Dichloropropene

Concen: 54.441 ug/l

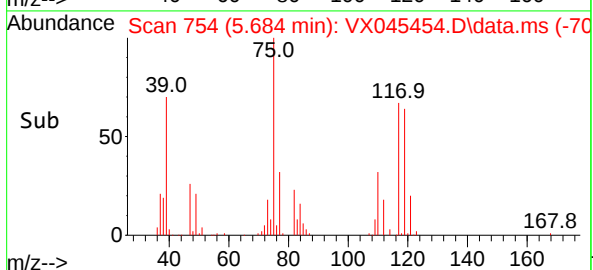
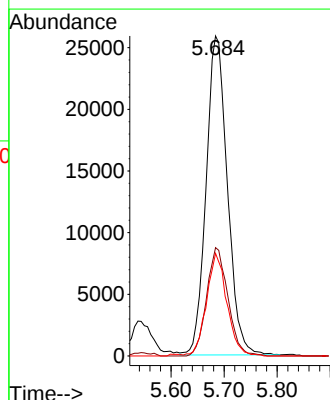
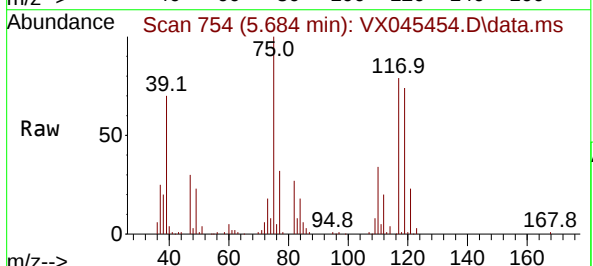
RT: 5.684 min Scan# 754

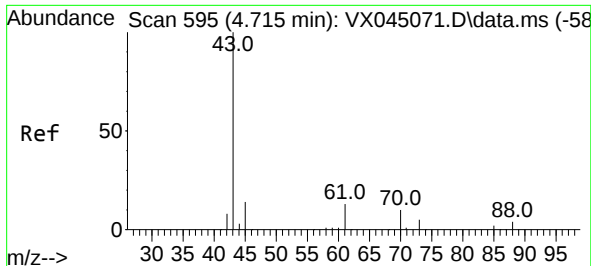
Delta R.T. -0.006 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

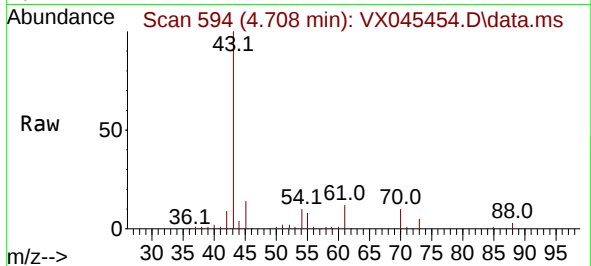
Tgt Ion:	75	Resp:	72172
Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.9	50.6
77	30.8	24.5	36.7





#37
Ethyl Acetate
Concen: 51.453 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

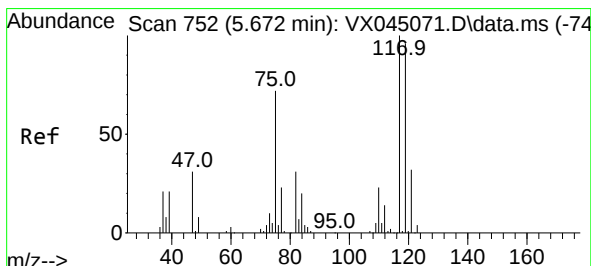
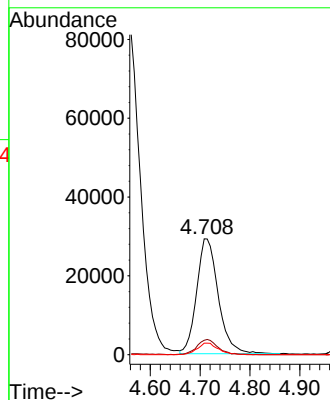
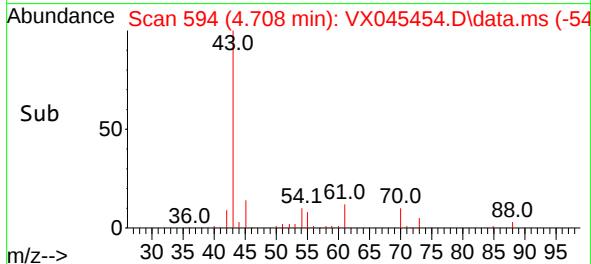
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 43 Resp: 87894
Ion Ratio Lower Upper
43 100
61 12.9 10.8 16.2
70 9.7 7.7 11.5

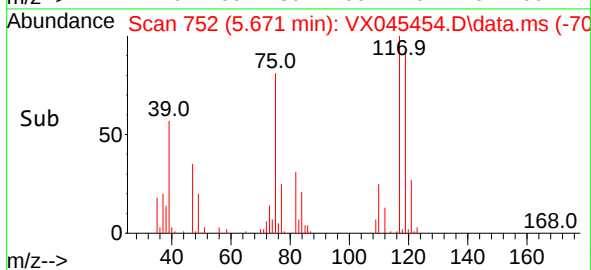
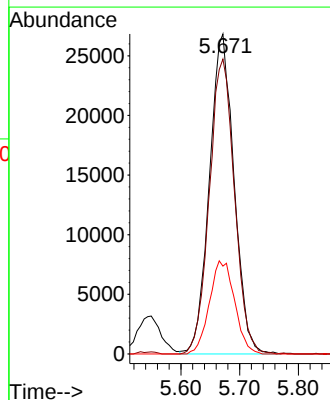
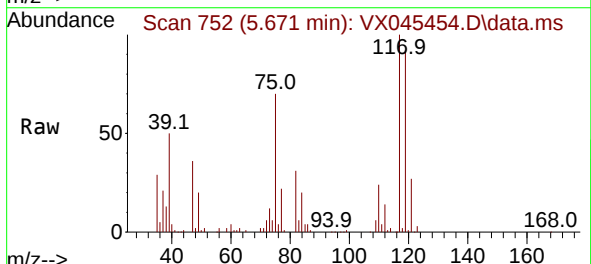
Manual Integrations
APPROVED

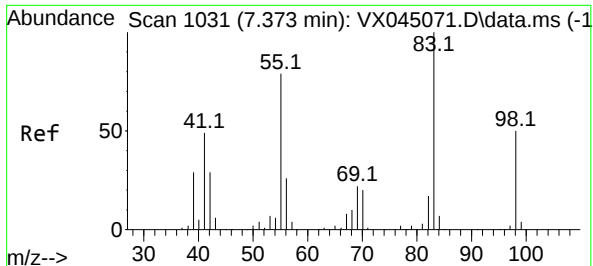
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#38
Carbon Tetrachloride
Concen: 58.070 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

Tgt Ion:117 Resp: 78156
Ion Ratio Lower Upper
117 100
119 92.2 76.7 115.1
121 27.5 25.5 38.3





#39

Methylcyclohexane

Concen: 57.921 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD

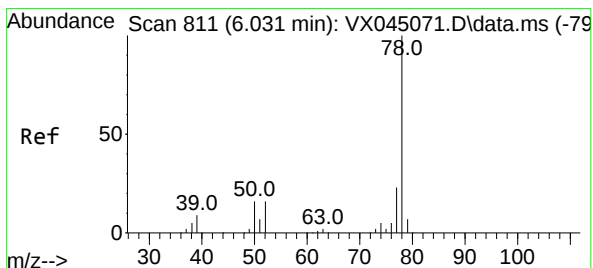
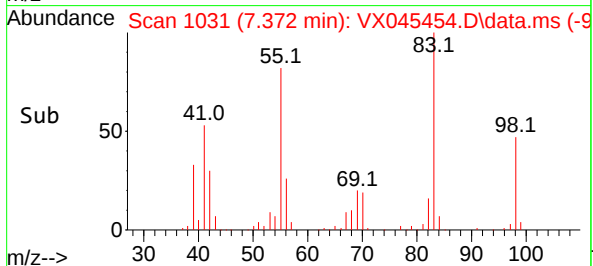
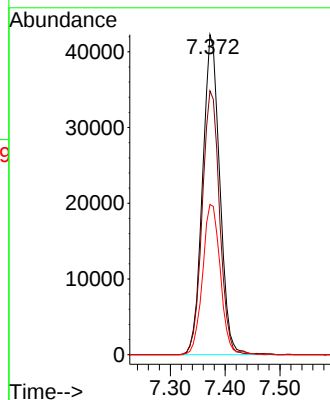
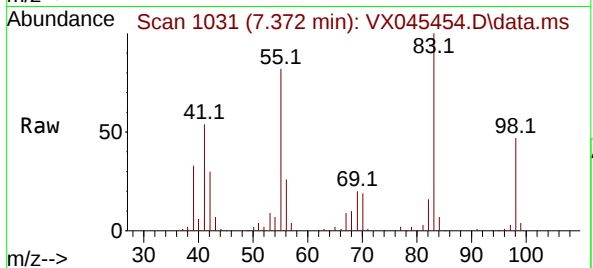
Tgt Ion: 83	Resp: 92000
Ion Ratio	Lower Upper
83 100	
55 82.5	63.0 94.4
98 46.9	39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#40

Benzene

Concen: 53.436 ug/l

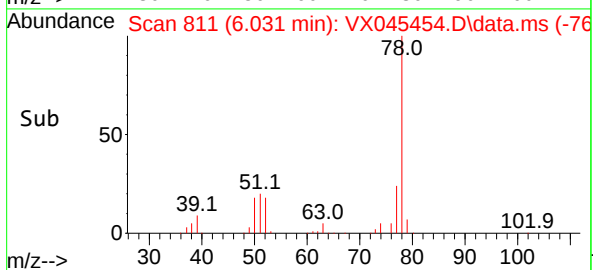
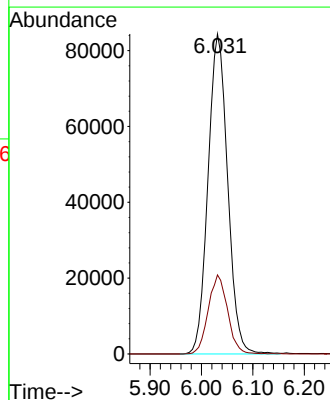
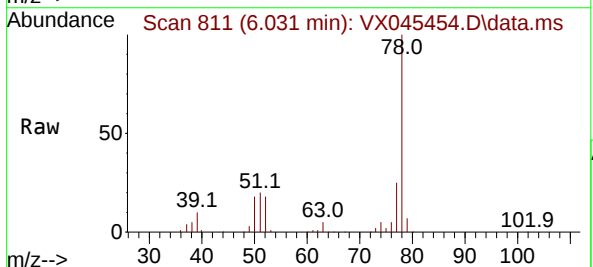
RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

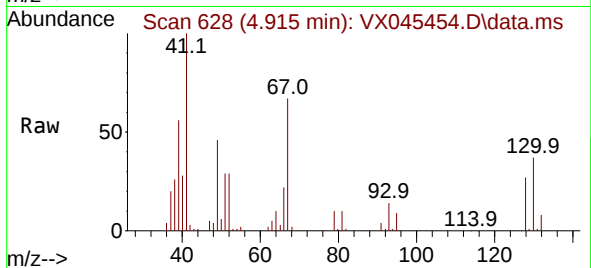
Tgt Ion: 78	Resp: 223694
Ion Ratio	Lower Upper
78 100	
77 24.7	18.8 28.2





#41
Methacrylonitrile
Concen: 55.883 ug/l
RT: 4.915 min Scan# 618
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

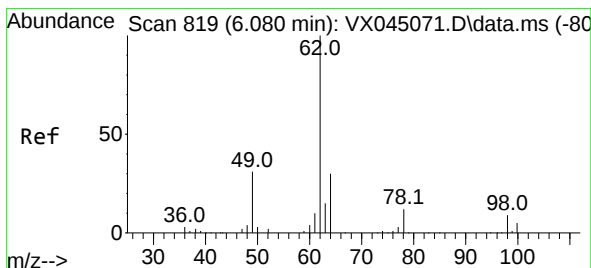
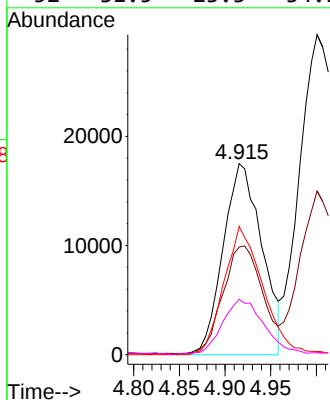
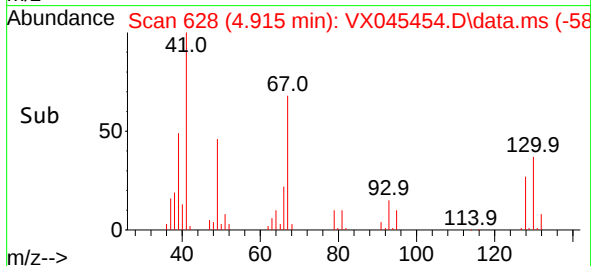
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 41 Resp: 51618
Ion Ratio Lower Upper
41 100
39 57.3 44.6 67.0
67 68.1 53.9 80.9
52 31.5 23.3 34.9

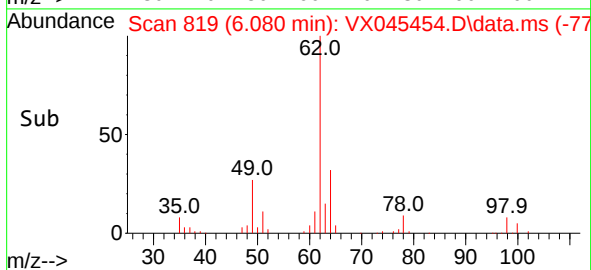
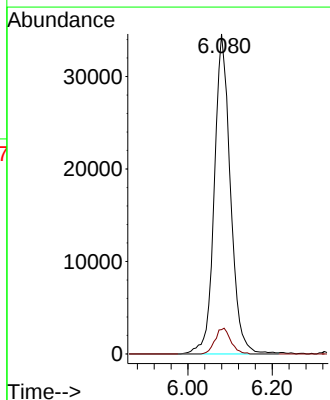
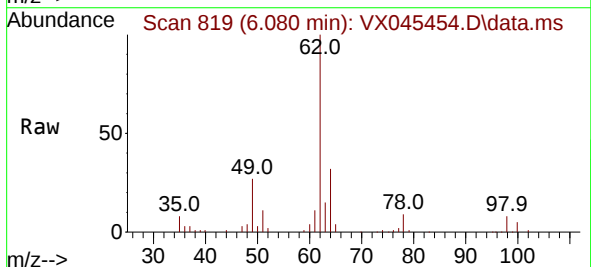
Manual Integrations
APPROVED

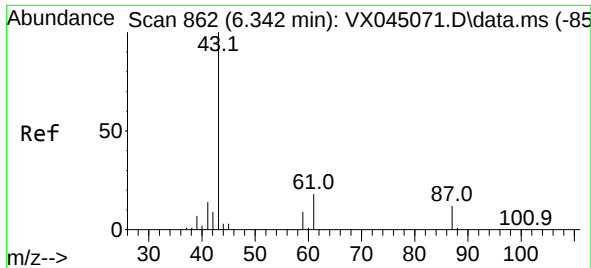
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#42
1,2-Dichloroethane
Concen: 60.846 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

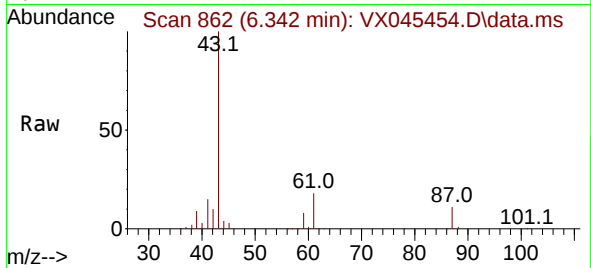
Tgt Ion: 62 Resp: 91723
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.2





#43
Isopropyl Acetate
Concen: 55.384 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

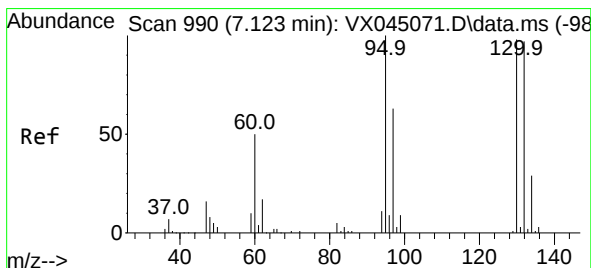
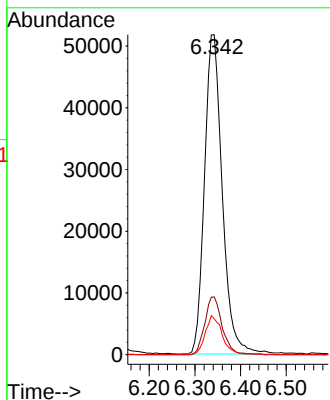
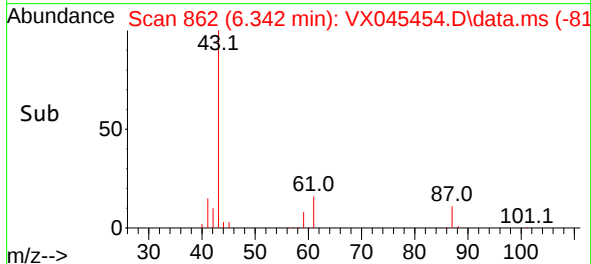
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 43 Resp: 139900
Ion Ratio Lower Upper
43 100
61 17.7 14.9 22.3
87 11.6 9.4 14.2

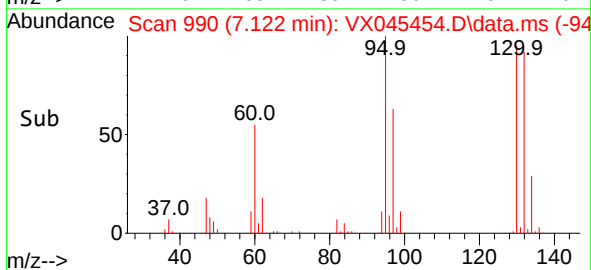
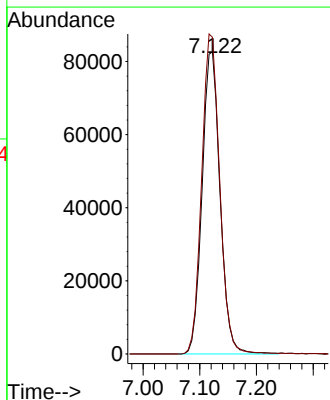
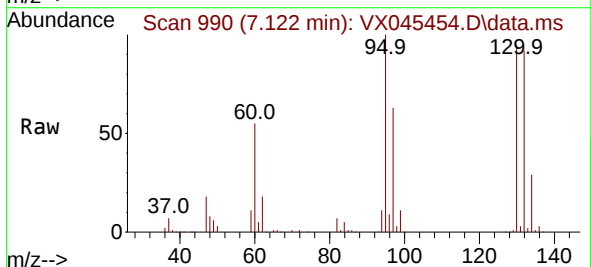
Manual Integrations
APPROVED

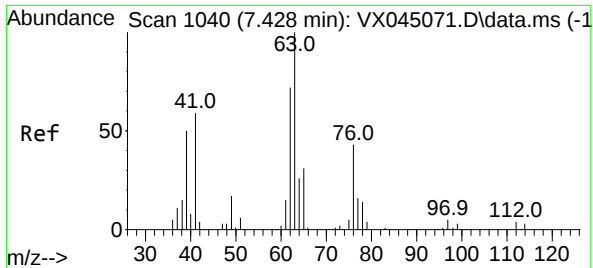
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#44
Trichloroethene
Concen: 185.246 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

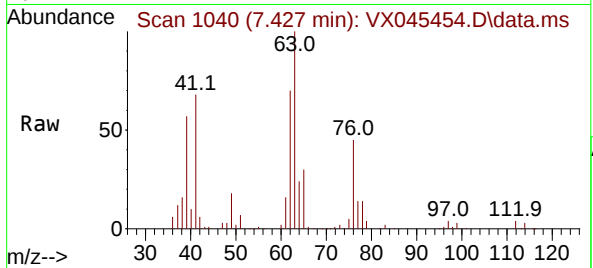
Tgt Ion:130 Resp: 182090
Ion Ratio Lower Upper
130 100
95 104.8 0.0 205.0





#45
1,2-Dichloropropane
Concen: 52.730 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

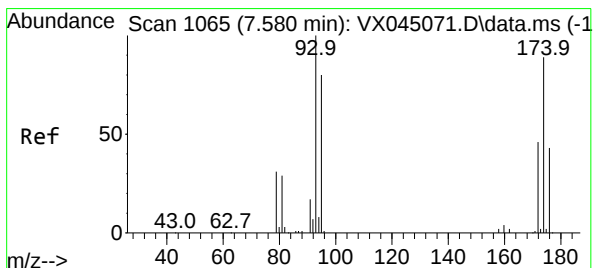
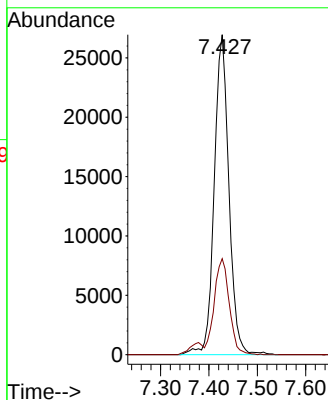
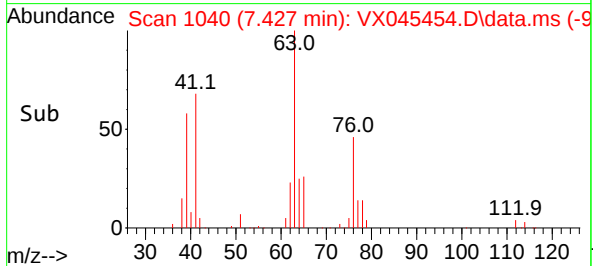
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 63 Resp: 56754
Ion Ratio Lower Upper
63 100
65 30.0 24.7 37.1

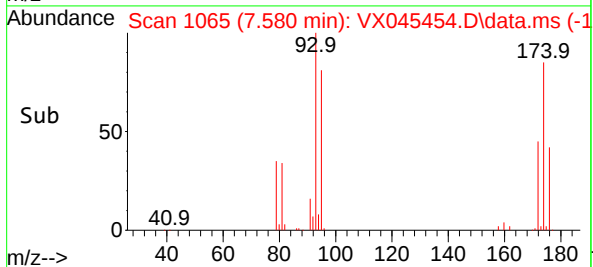
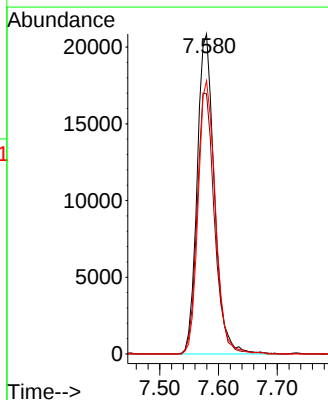
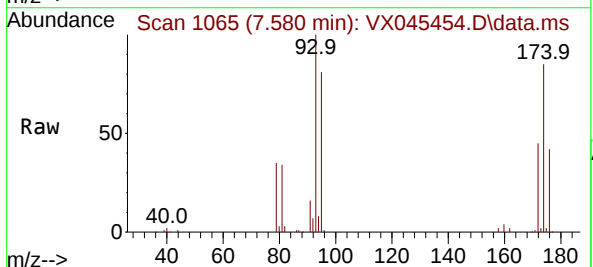
Manual Integrations
APPROVED

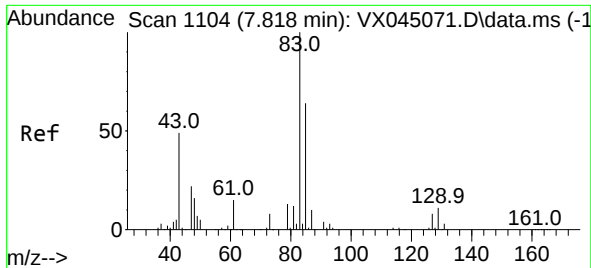
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#46
Dibromomethane
Concen: 55.809 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

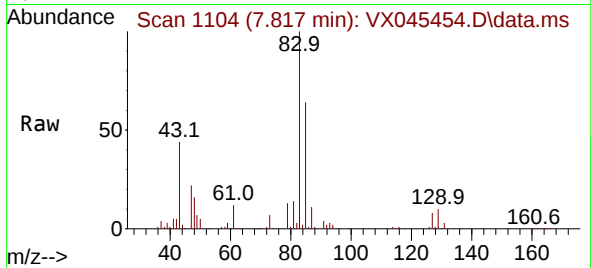
Tgt Ion: 93 Resp: 42457
Ion Ratio Lower Upper
93 100
95 82.6 65.8 98.8
174 85.4 72.2 108.2





#47
Bromodichloromethane
Concen: 57.051 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

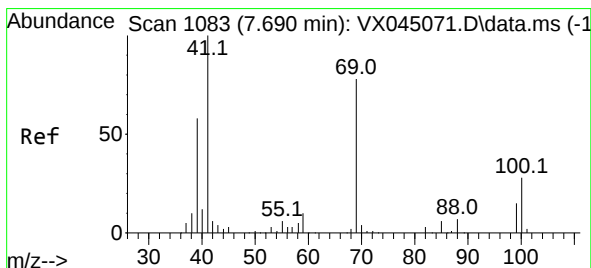
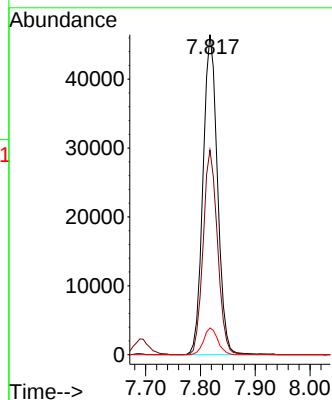
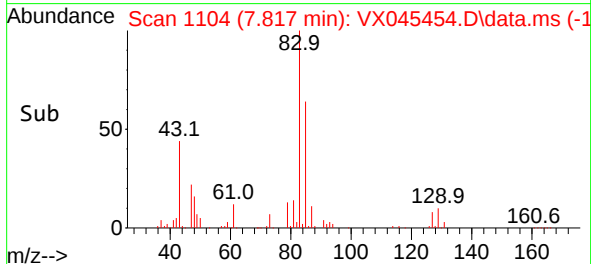
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



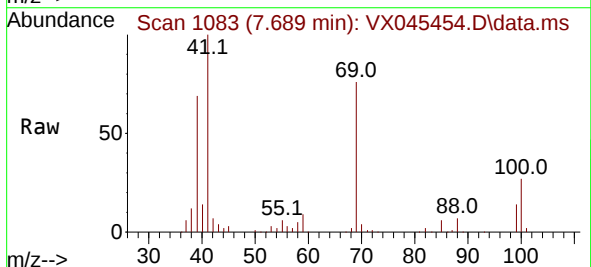
Tgt Ion: 83 Resp: 8513
Ion Ratio Lower Upper
83 100
85 64.0 51.1 76.7
127 8.3 6.4 9.6

Manual Integrations
APPROVED

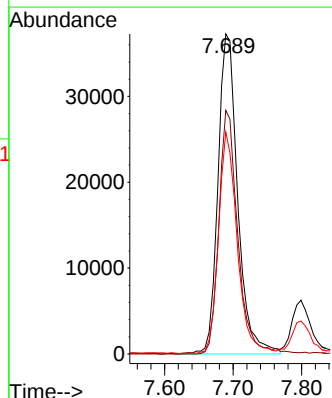
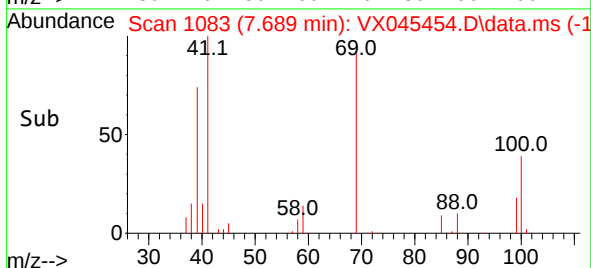
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

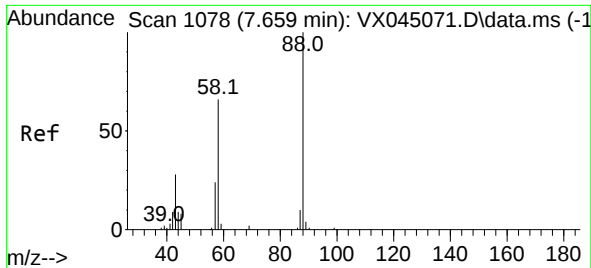


#48
Methyl methacrylate
Concen: 58.769 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37



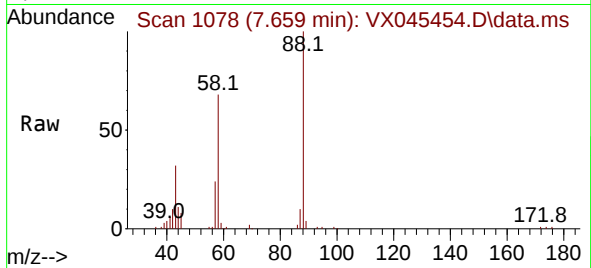
Tgt Ion: 41 Resp: 74476
Ion Ratio Lower Upper
41 100
69 72.9 63.0 94.6
39 65.6 47.5 71.3





#49
1,4-Dioxane
Concen: 951.681 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

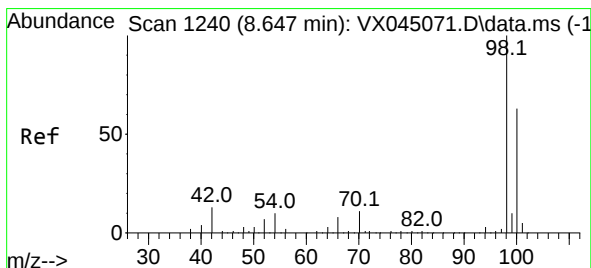
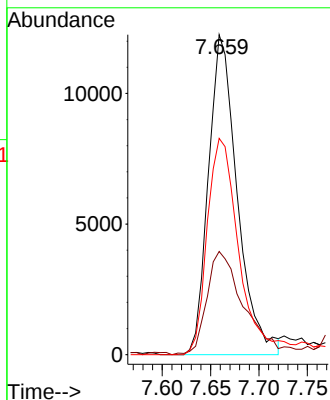
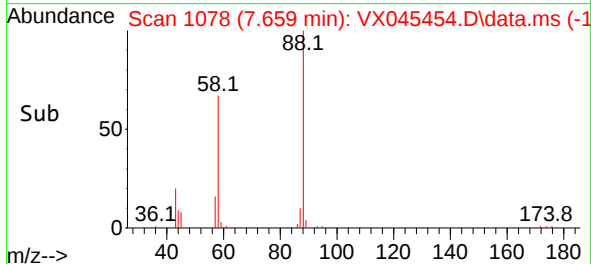
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 88 Resp: 25440
Ion Ratio Lower Upper
88 100
43 41.4 28.7 43.1
58 74.8 55.8 83.8

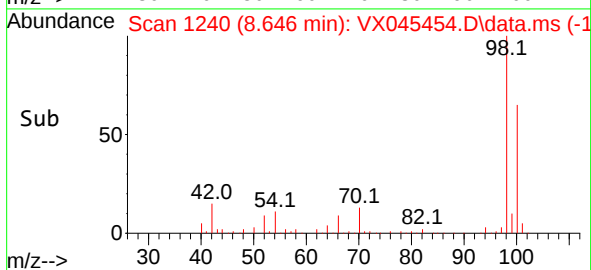
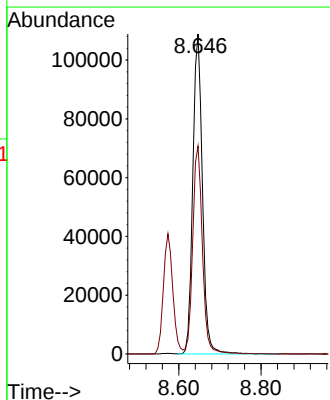
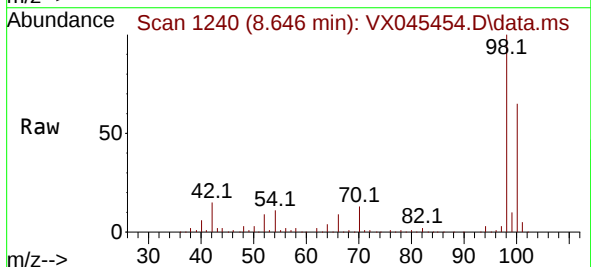
Manual Integrations
APPROVED

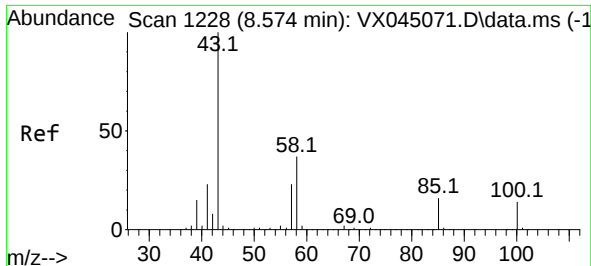
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#50
Toluene-d8
Concen: 50.474 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

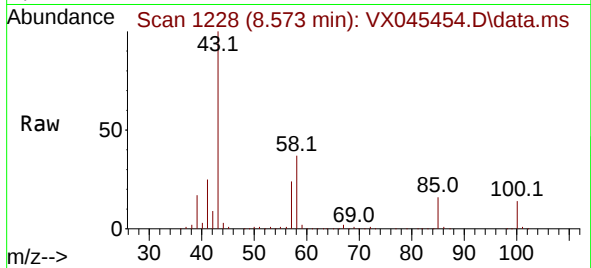
Tgt Ion: 98 Resp: 176887
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 284.646 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

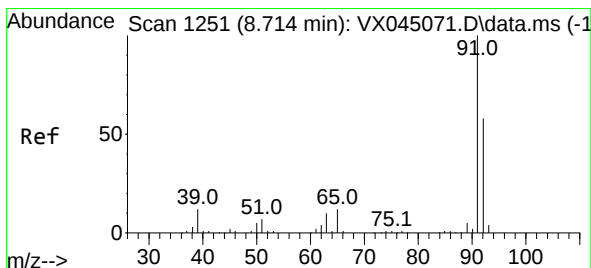
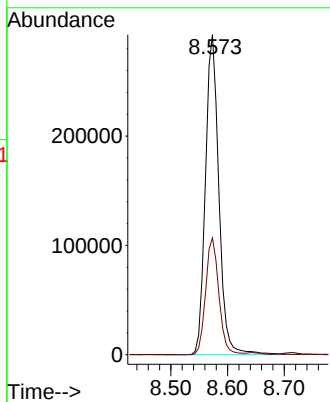
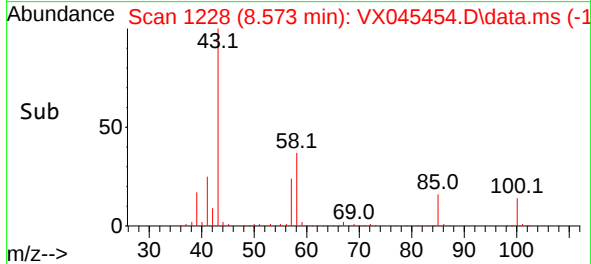
Instrument : MSVOA_X
ClientSampleId : RE132D1-20250318MSD



Tgt Ion: 43 Resp: 482778
Ion Ratio Lower Upper
43 100
58 35.8 29.2 43.8

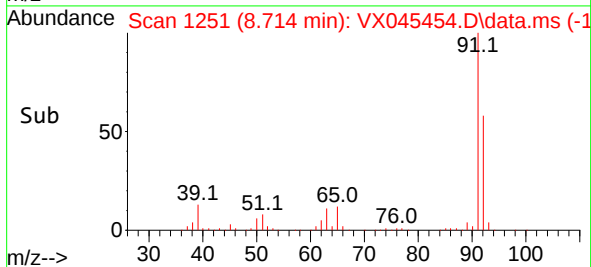
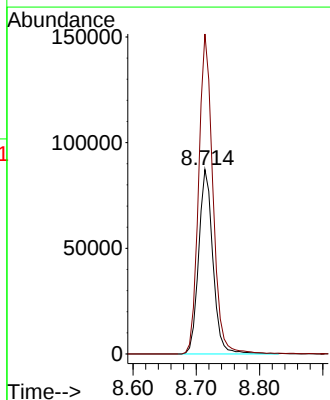
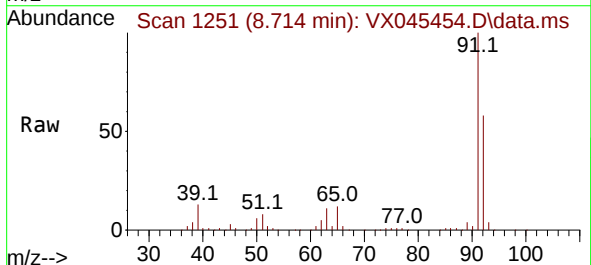
Manual Integrations
APPROVED

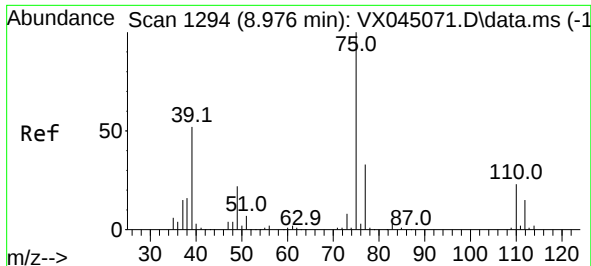
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#52
Toluene
Concen: 55.800 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

Tgt Ion: 92 Resp: 137053
Ion Ratio Lower Upper
92 100
91 173.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 58.788 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD

Tgt Ion: 75 Resp: 7333

Ion Ratio Lower Upper

75 100

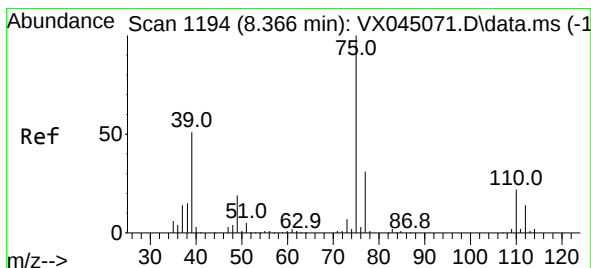
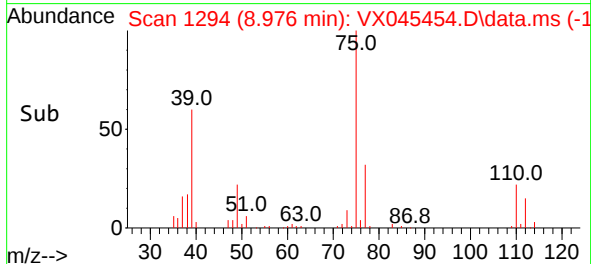
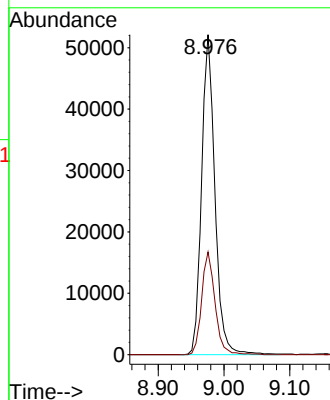
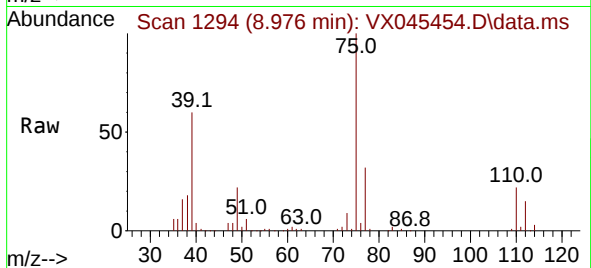
77 32.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#54

cis-1,3-Dichloropropene

Concen: 57.263 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

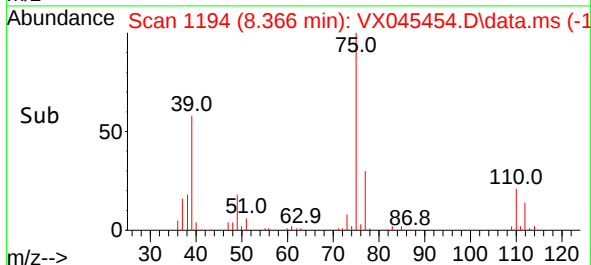
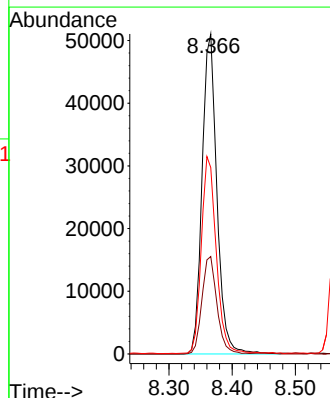
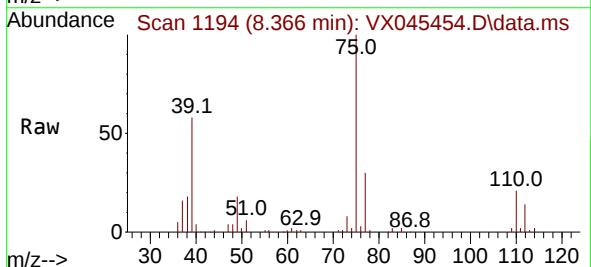
Tgt Ion: 75 Resp: 83300

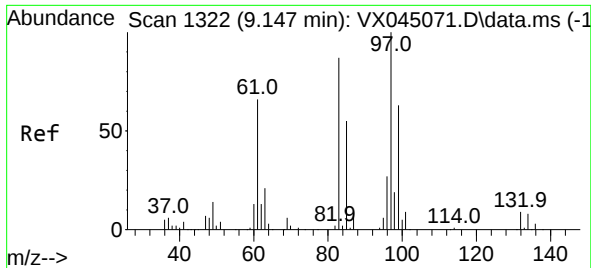
Ion Ratio Lower Upper

75 100

77 30.5 24.7 37.1

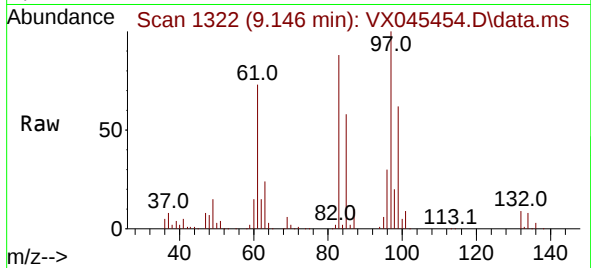
39 58.0 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 54.465 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

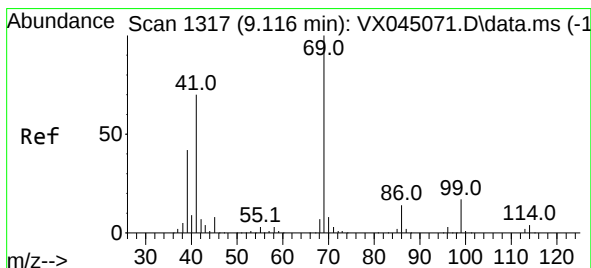
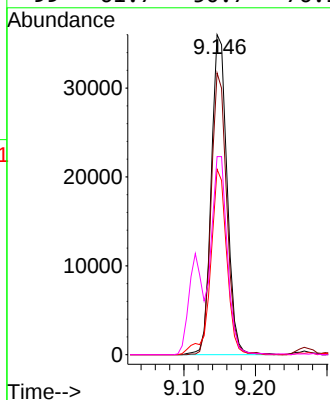
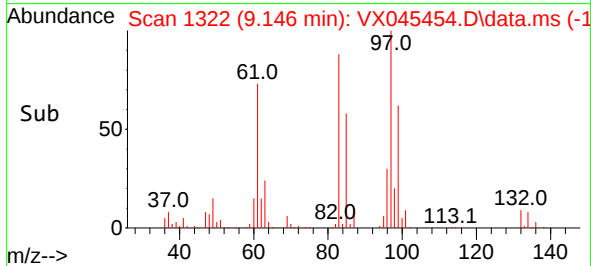
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



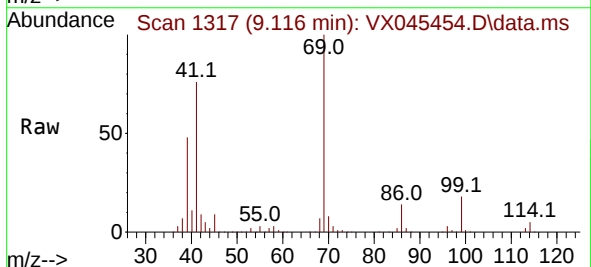
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.4	104.2
85	57.9	44.1	66.1
99	61.7	50.7	76.1

Manual Integrations
APPROVED

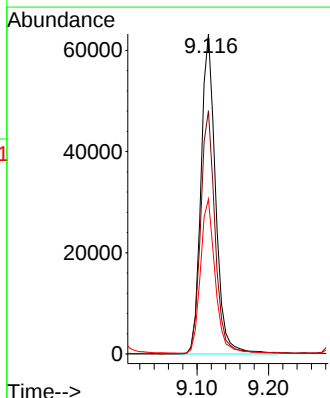
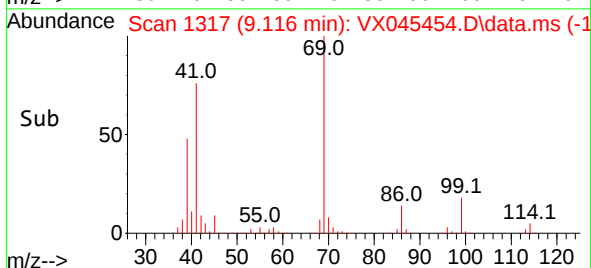
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

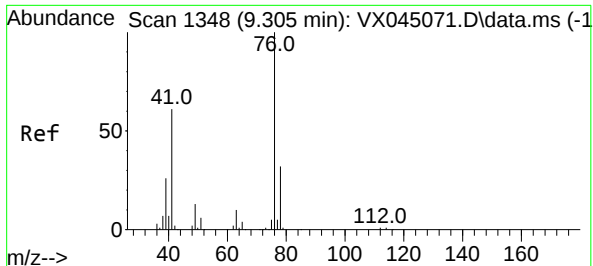


#56
Ethyl methacrylate
Concen: 58.440 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37



Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.6	57.0	85.4
39	48.9	34.2	51.4





#57

1,3-Dichloropropane

Concen: 55.380 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD

Tgt Ion: 76 Resp: 9690

Ion Ratio Lower Upper

76 100

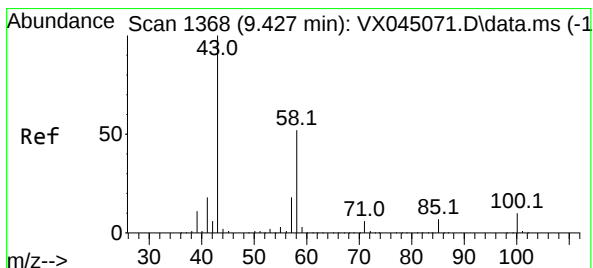
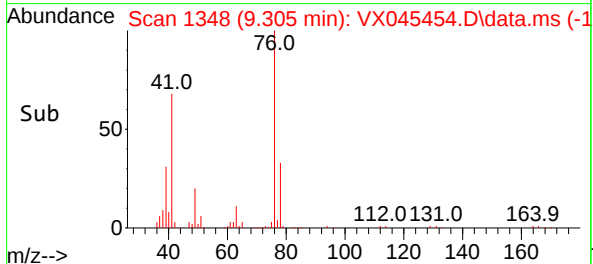
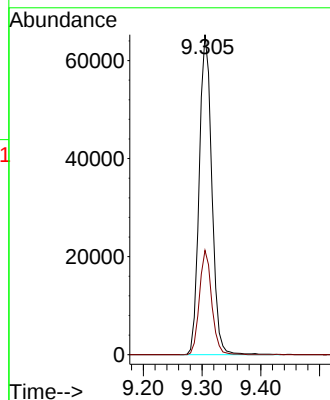
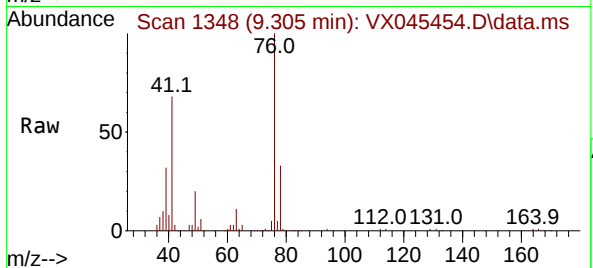
78 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#59

2-Hexanone

Concen: 292.199 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045454.D

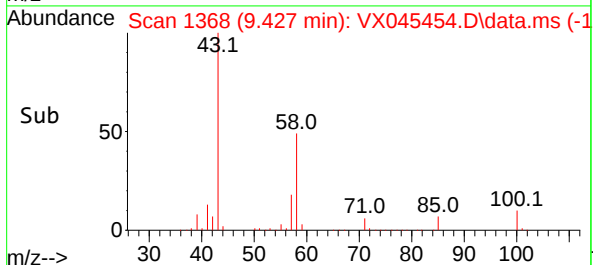
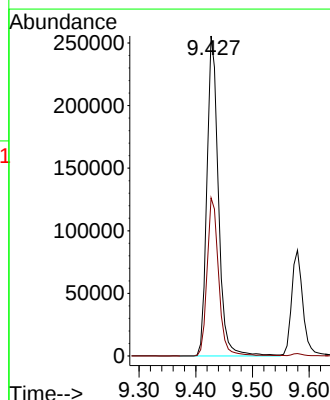
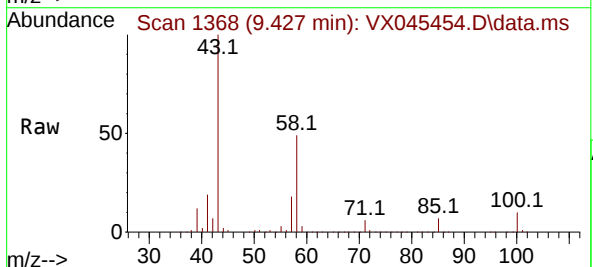
Acq: 25 Mar 2025 20:37

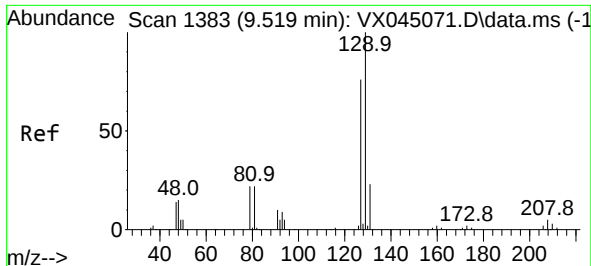
Tgt Ion: 43 Resp: 359074

Ion Ratio Lower Upper

43 100

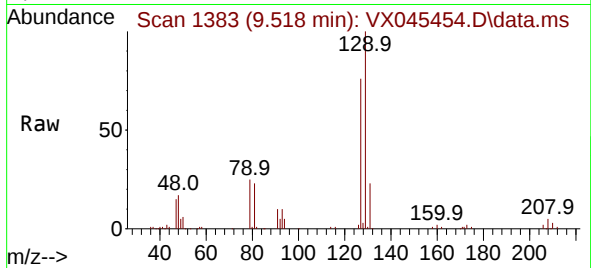
58 49.9 25.9 77.6





#60
Dibromochloromethane
Concen: 57.402 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

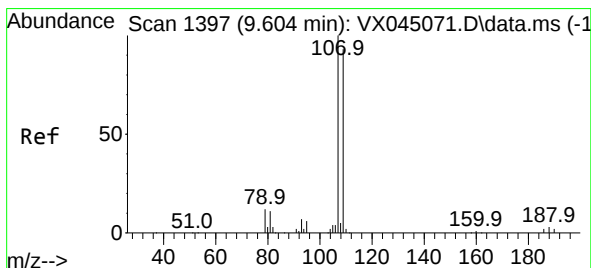
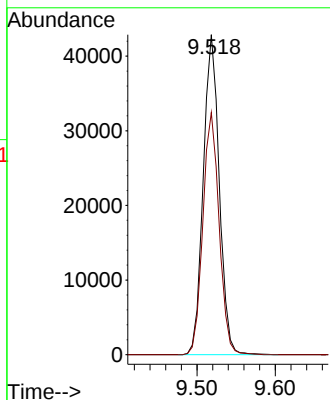
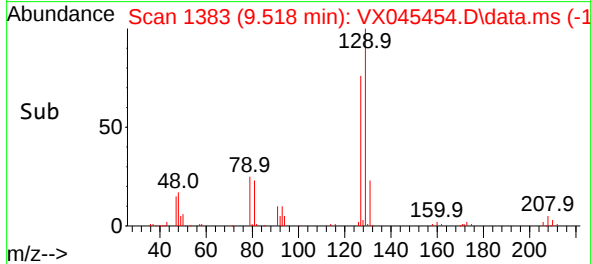
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



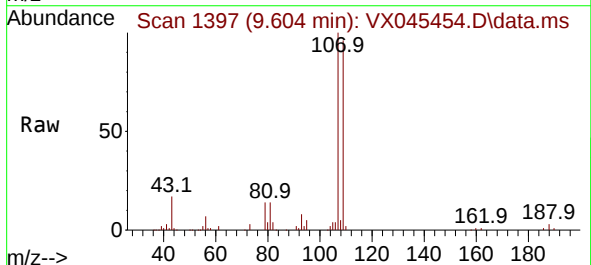
Tgt Ion:129 Resp: 6068
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

Manual Integrations
APPROVED

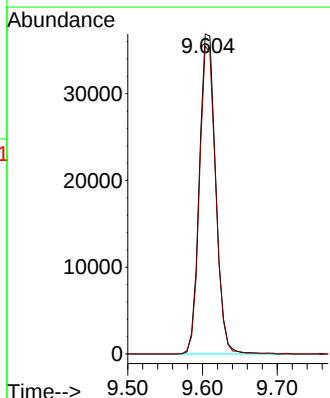
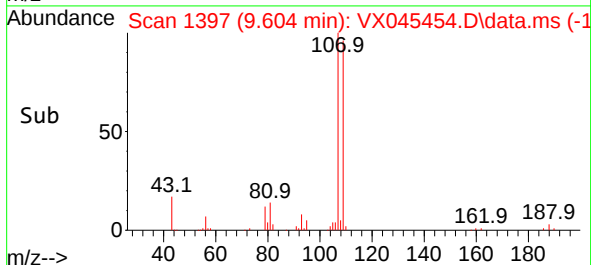
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

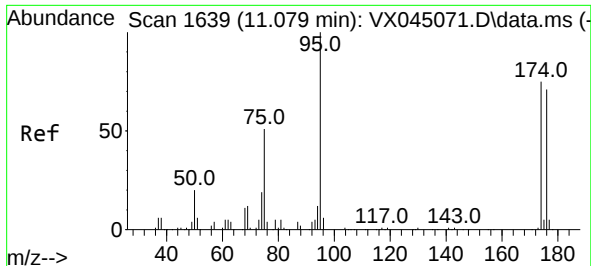


#61
1,2-Dibromoethane
Concen: 55.442 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37



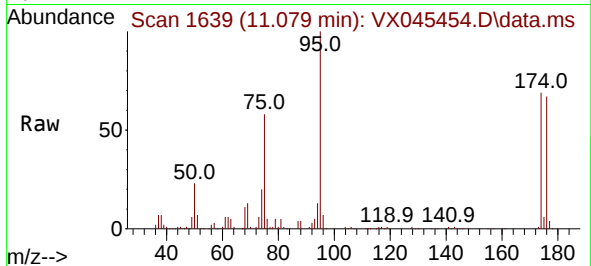
Tgt Ion:107 Resp: 55964
Ion Ratio Lower Upper
107 100
109 95.5 76.1 114.1





#62
4-Bromofluorobenzene
Concen: 56.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

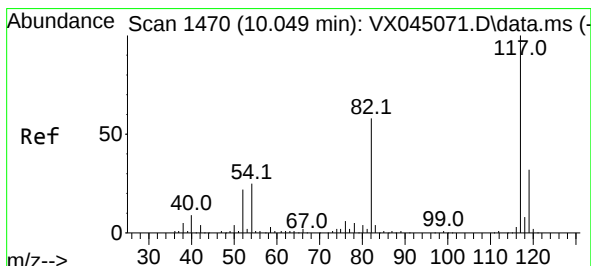
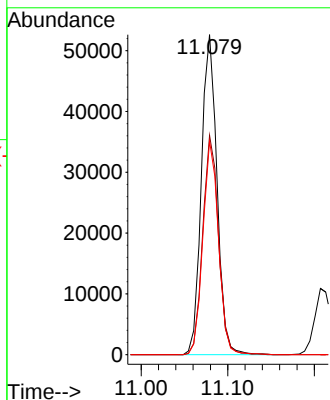
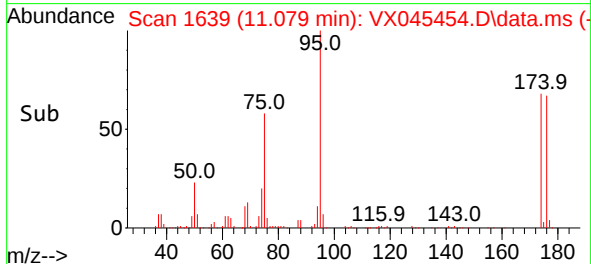
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



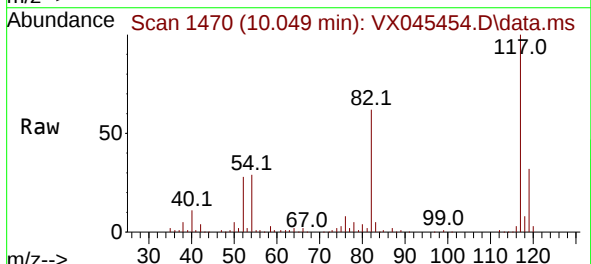
Tgt Ion: 95 Resp: 65839
Ion Ratio Lower Upper
95 100
174 69.4 0.0 148.2
176 66.8 0.0 141.4

Manual Integrations
APPROVED

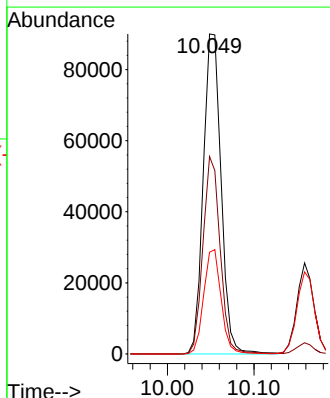
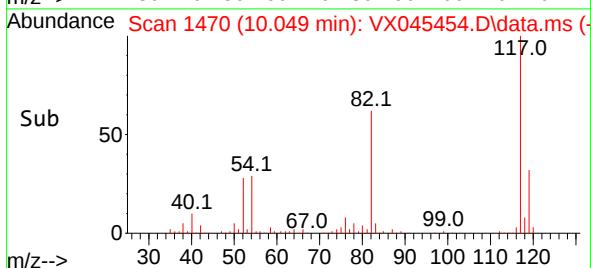
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

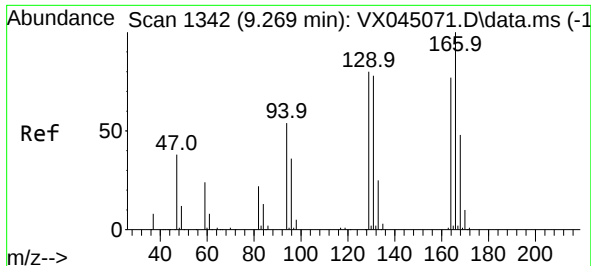


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37



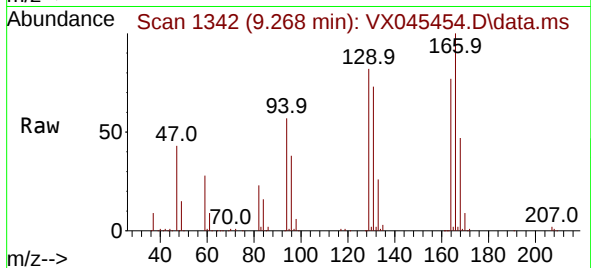
Tgt Ion:117 Resp: 128766
Ion Ratio Lower Upper
117 100
82 61.7 46.3 69.5
119 31.8 25.7 38.5





#64
Tetrachloroethene
Concen: 59.734 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

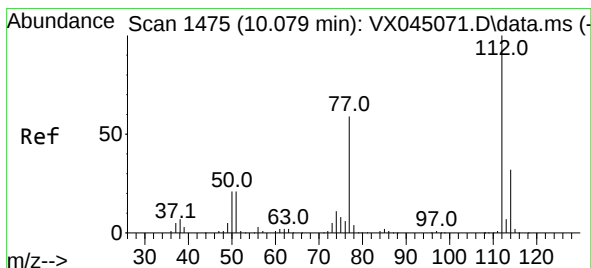
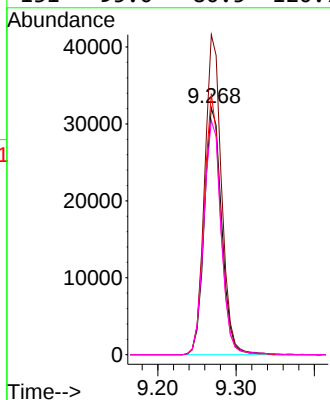
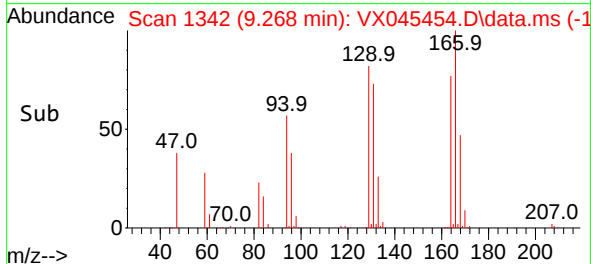
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion:164 Resp: 49262
Ion Ratio Lower Upper
164 100
166 129.6 103.6 155.4
129 105.7 82.7 124.1
131 95.0 80.5 120.7

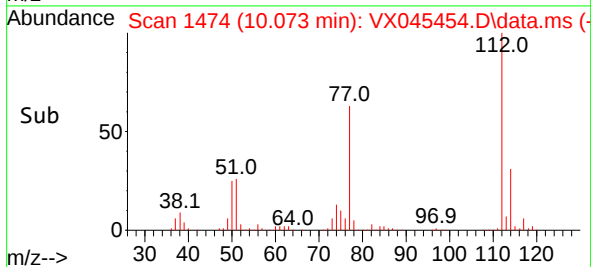
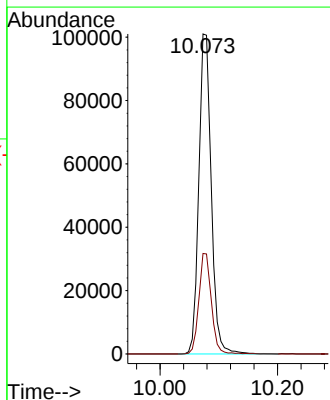
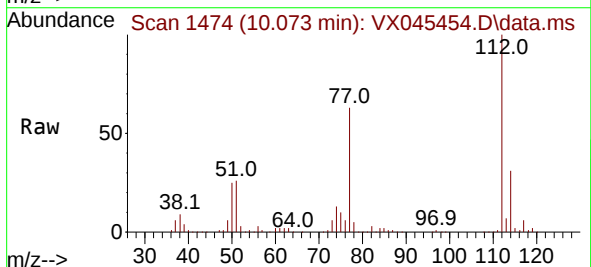
Manual Integrations
APPROVED

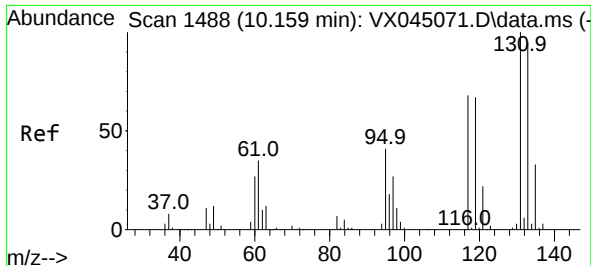
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#65
Chlorobenzene
Concen: 54.517 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

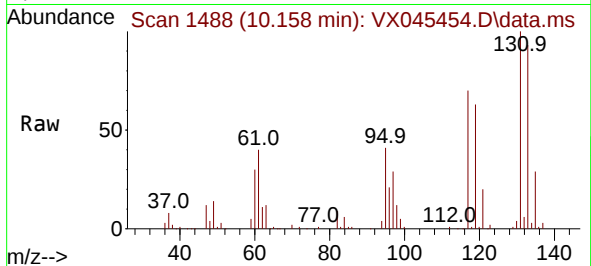
Tgt Ion:112 Resp: 148540
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0





#66
1,1,1,2-Tetrachloroethane
Concen: 54.533 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

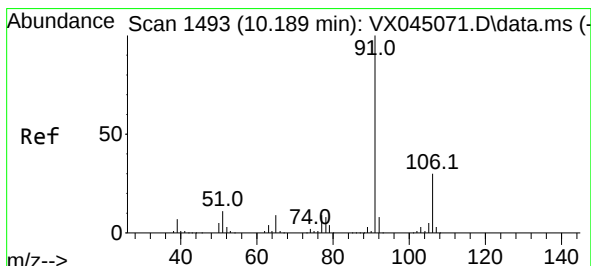
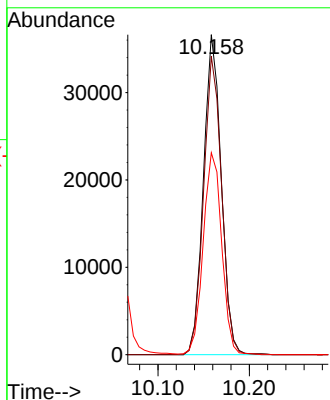
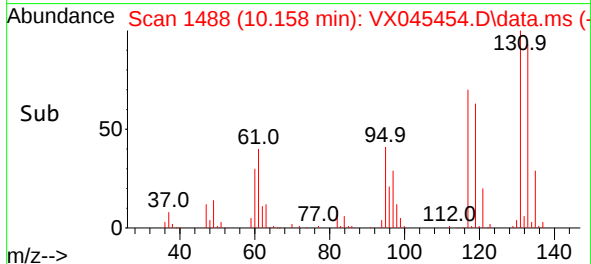
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion:131 Resp: 4948
Ion Ratio Lower Upper
131 100
133 94.3 48.6 145.9
119 65.6 33.9 101.7

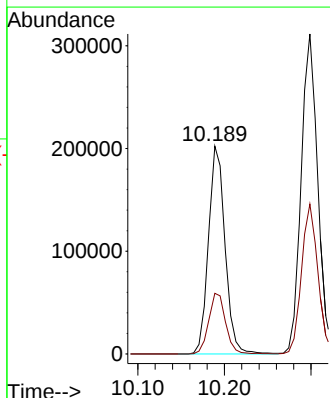
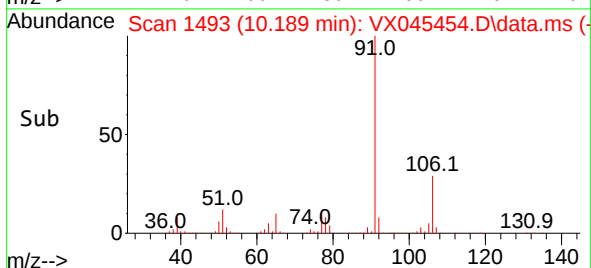
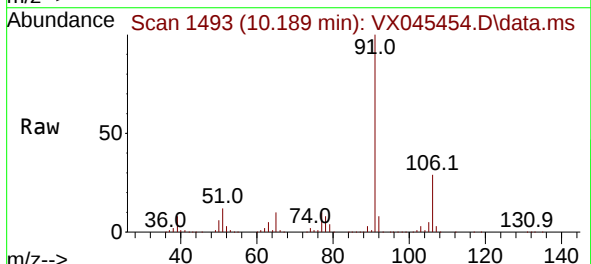
Manual Integrations
APPROVED

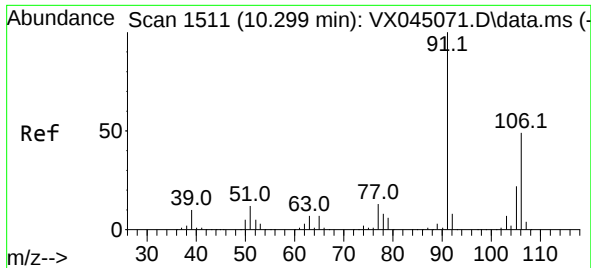
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#67
Ethyl Benzene
Concen: 56.717 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

Tgt Ion: 91 Resp: 269267
Ion Ratio Lower Upper
91 100
106 29.2 23.9 35.9





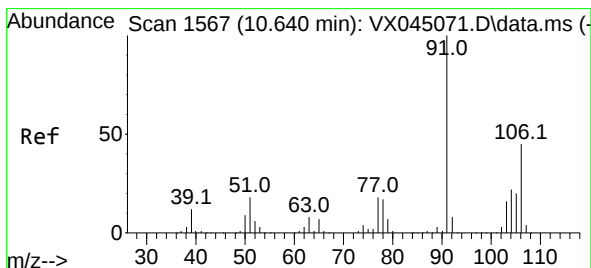
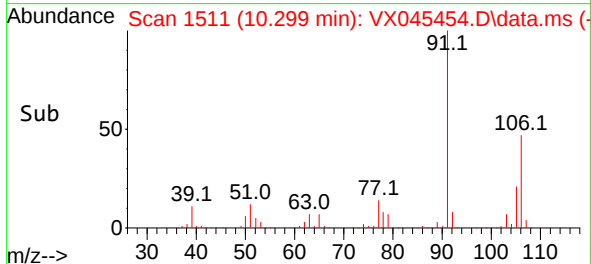
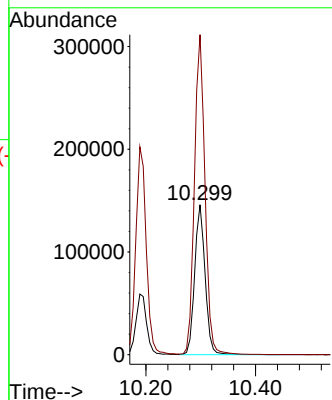
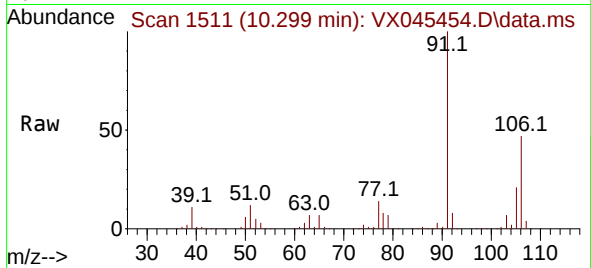
#68
m/p-Xylenes
Concen: 111.808 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD

Tgt Ion:106 Resp: 194318
Ion Ratio Lower Upper
106 100
91 215.7 165.4 248.0

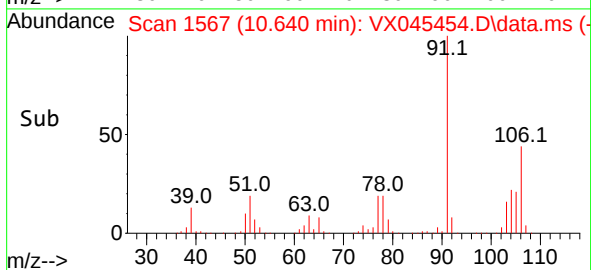
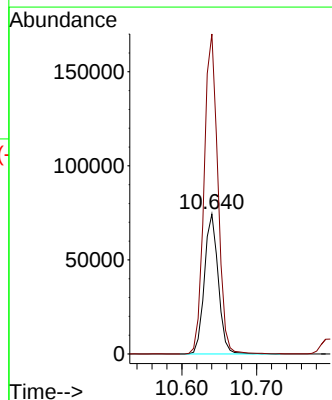
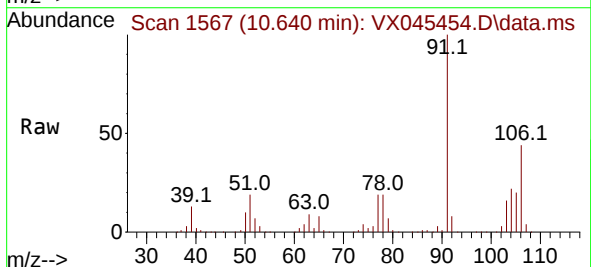
Manual Integrations
APPROVED

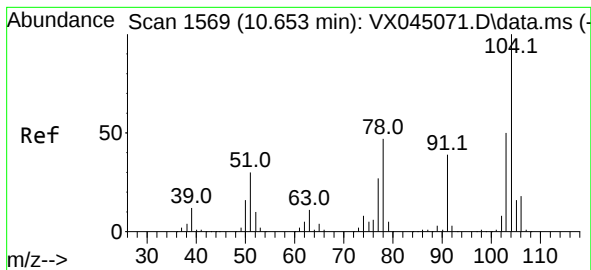
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#69
o-Xylene
Concen: 54.410 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

Tgt Ion:106 Resp: 95373
Ion Ratio Lower Upper
106 100
91 228.5 109.9 329.6





#70

Styrene

Concen: 56.780 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

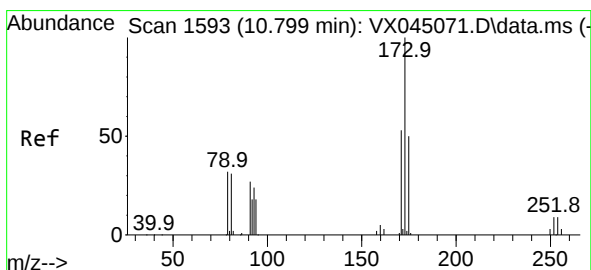
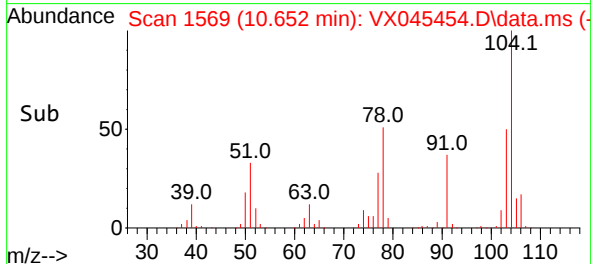
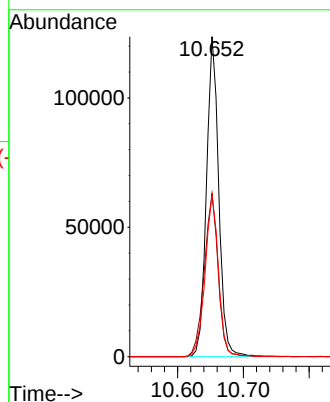
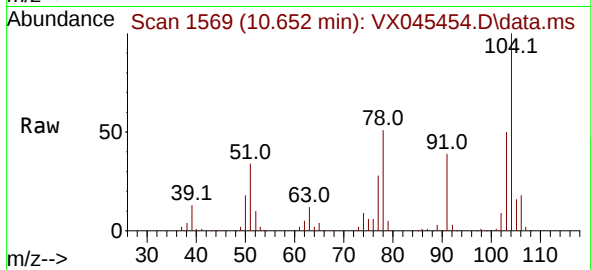
RE132D1-20250318MSD

Tgt Ion:104 Resp: 161039

Ion	Ratio	Lower	Upper
104	100		
78	57.4	42.2	63.4
103	55.1	43.8	65.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#71

Bromoform

Concen: 54.246 ug/l

RT: 10.799 min Scan# 1593

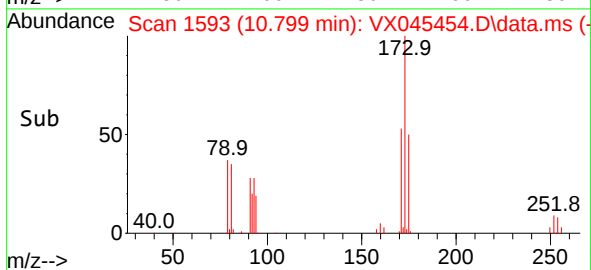
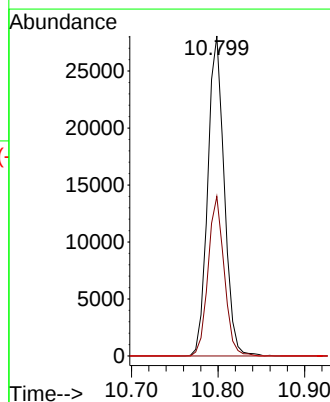
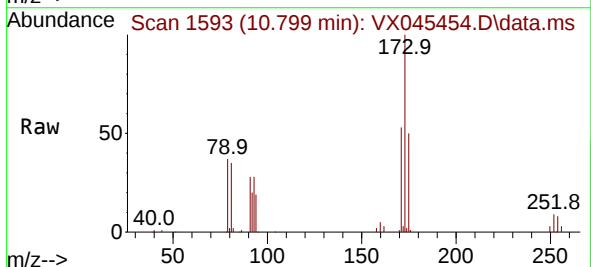
Delta R.T. -0.000 min

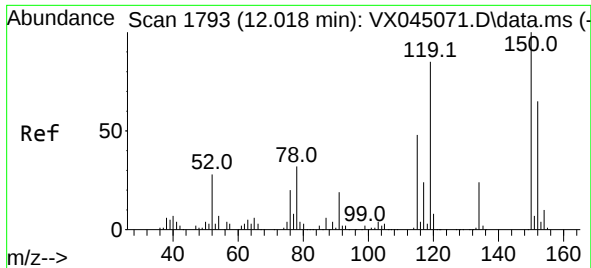
Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Tgt Ion:173 Resp: 37117

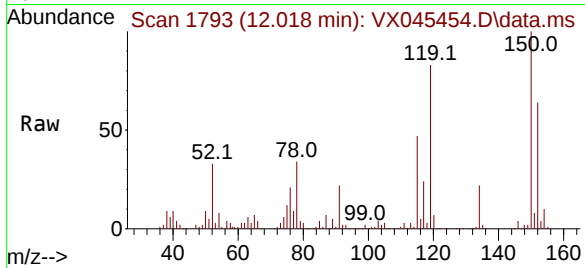
Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.6	73.6
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

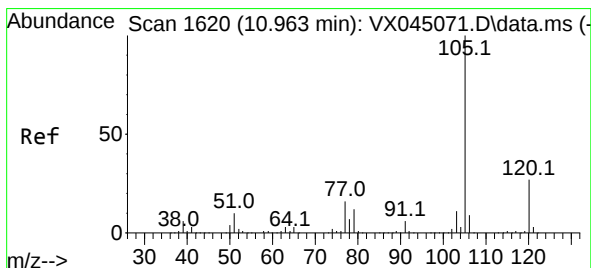
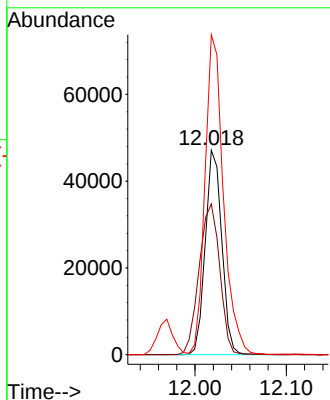
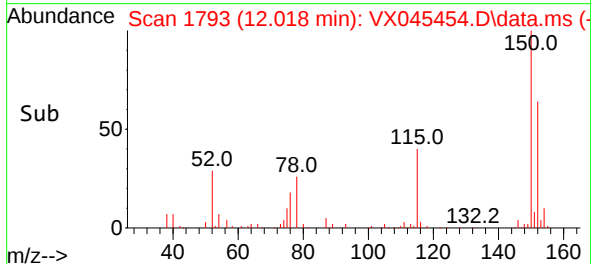
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



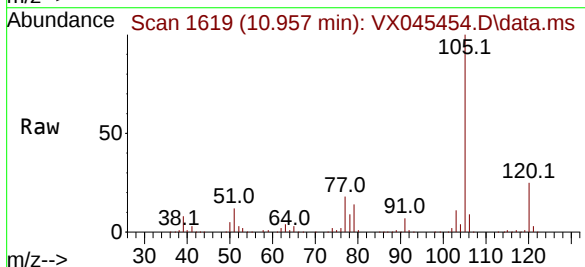
Tgt Ion:152 Resp: 5899
Ion Ratio Lower Upper
152 100
115 92.5 44.2 132.6
150 173.7 0.0 349.0

Manual Integrations
APPROVED

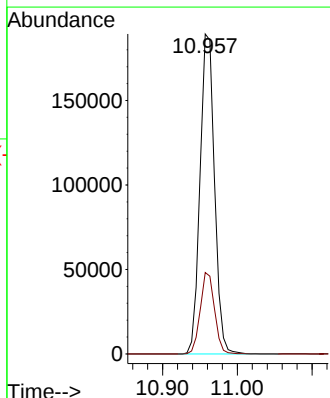
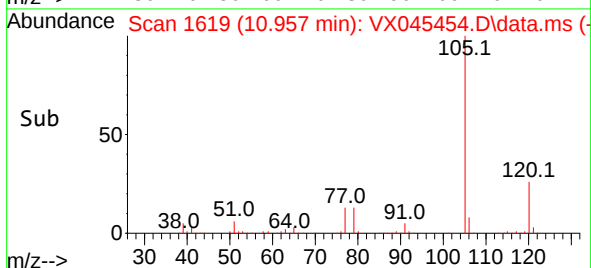
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

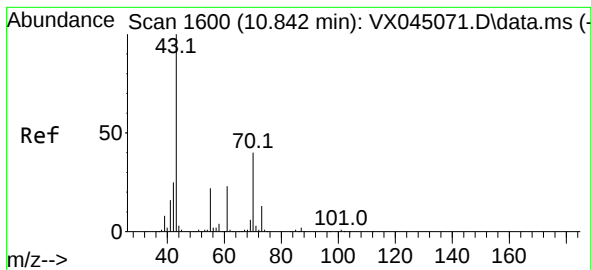


#73
Isopropylbenzene
Concen: 55.365 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37



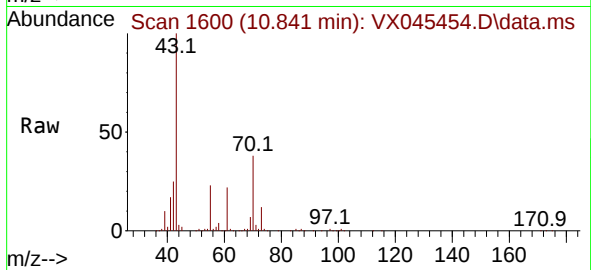
Tgt Ion:105 Resp: 254922
Ion Ratio Lower Upper
105 100
120 25.1 13.2 39.5





#74
N-ethyl acetate
Concen: 54.733 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

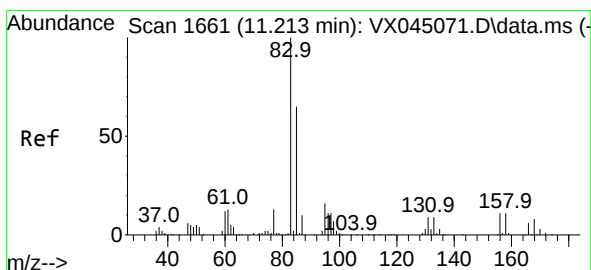
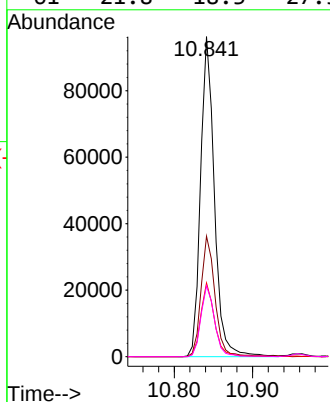
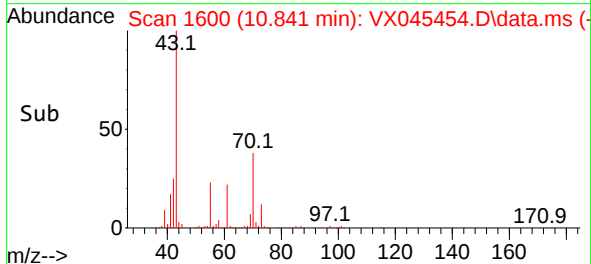
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



Tgt Ion: 43 Resp: 11825
Ion Ratio Lower Upper
43 100
70 38.2 31.8 47.6
55 23.2 18.3 27.5
61 21.8 18.3 27.5

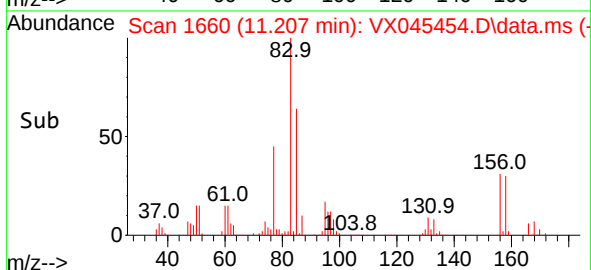
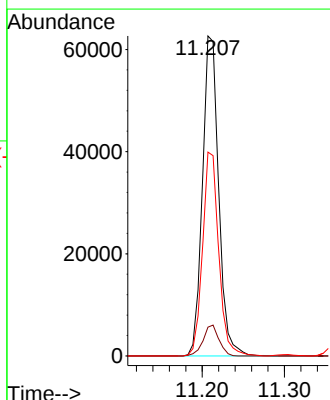
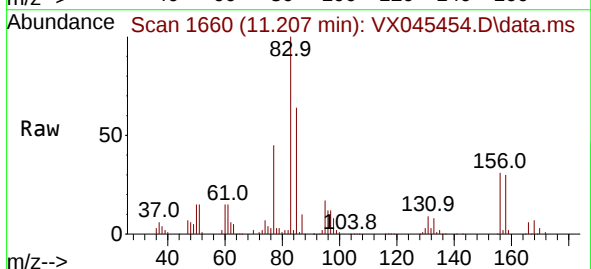
Manual Integrations
APPROVED

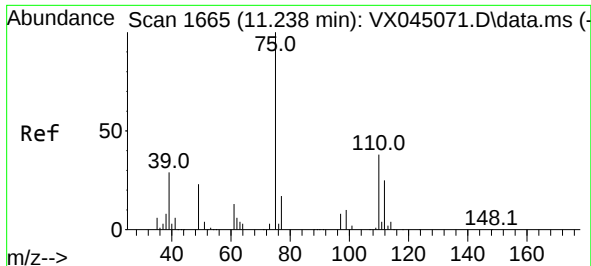
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 50.839 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

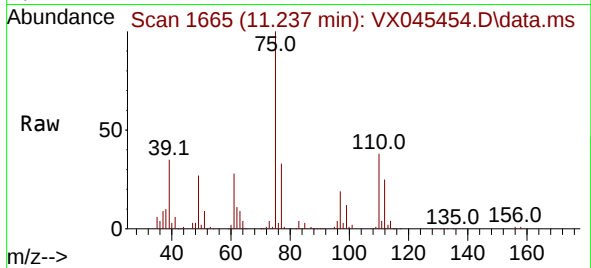
Tgt Ion: 83 Resp: 85900
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 63.4 31.7 95.1





#76
1,2,3-Trichloropropane
Concen: 52.891 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

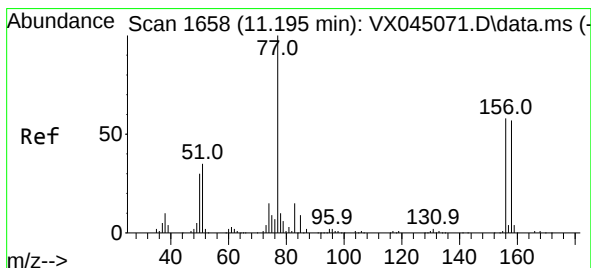
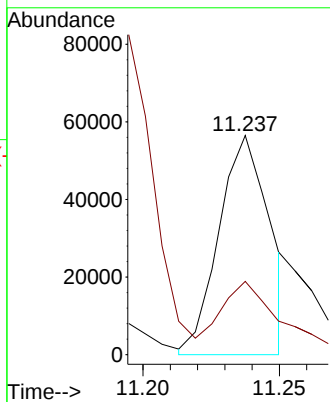
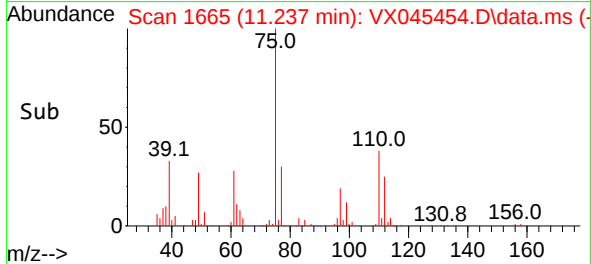
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



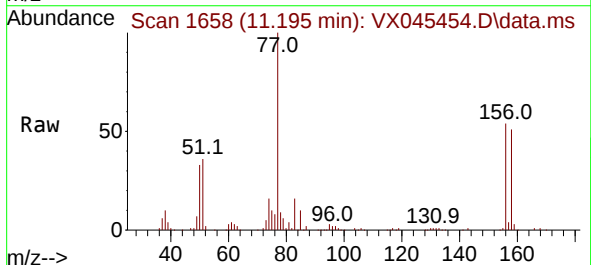
Tgt Ion: 75 Resp: 7262
Ion Ratio Lower Upper
75 100
77 40.5 20.7 62.1

Manual Integrations
APPROVED

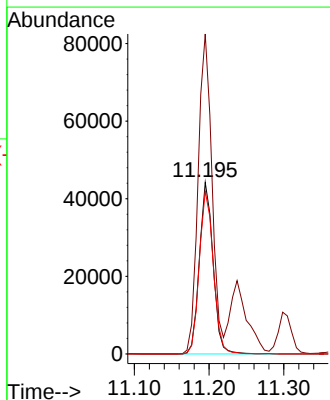
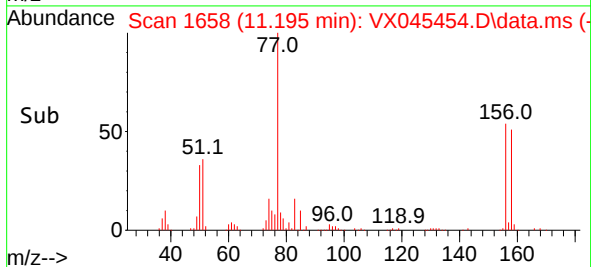
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

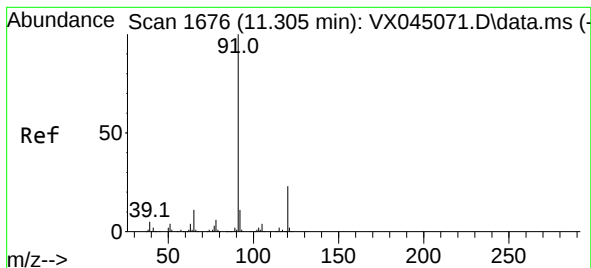


#77
Bromobenzene
Concen: 51.831 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37



Tgt Ion:156 Resp: 56308
Ion Ratio Lower Upper
156 100
77 188.8 85.8 257.4
158 97.4 48.4 145.2





#78

n-propylbenzene

Concen: 57.457 ug/l

RT: 11.298 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD

Tgt Ion: 91 Resp: 298852

Ion Ratio Lower Upper

91 100

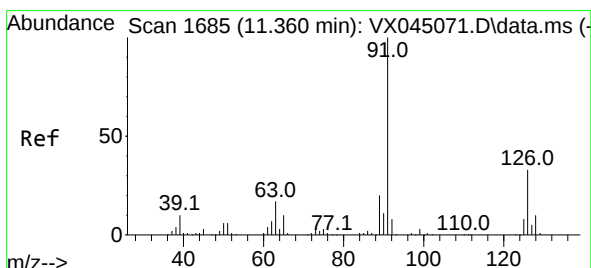
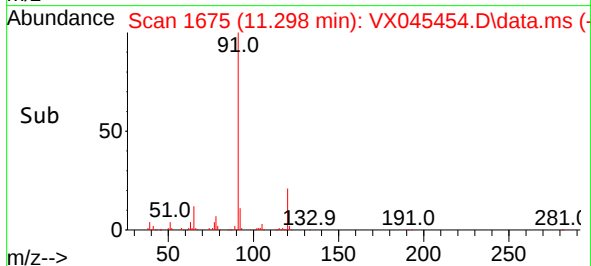
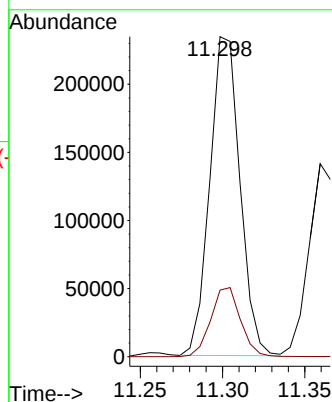
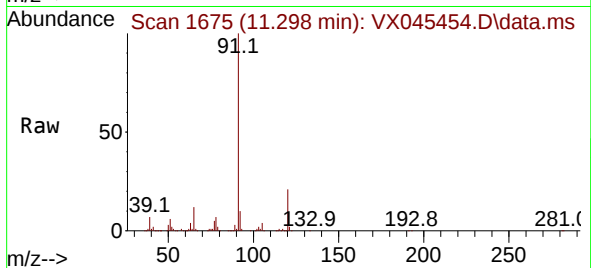
120 21.4 11.2 33.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#79

2-Chlorotoluene

Concen: 54.476 ug/l

RT: 11.359 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX045454.D

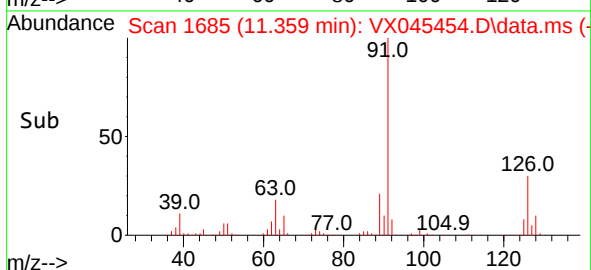
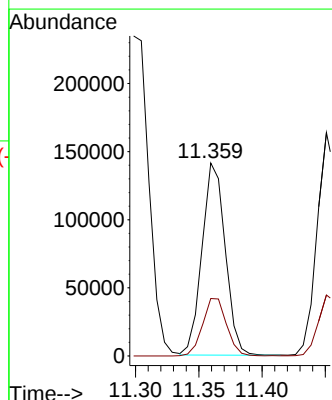
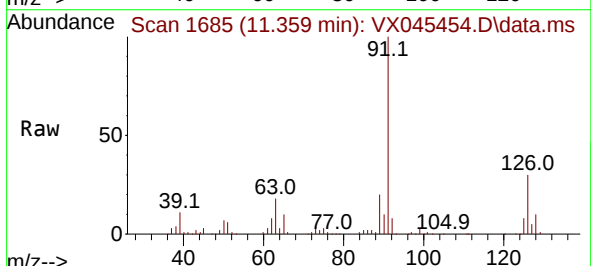
Acq: 25 Mar 2025 20:37

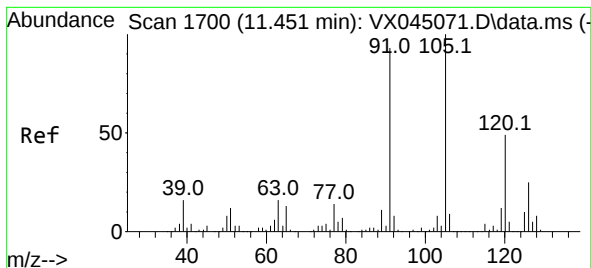
Tgt Ion: 91 Resp: 180454

Ion Ratio Lower Upper

91 100

126 31.0 16.4 49.4





#80

1,3,5-Trimethylbenzene

Concen: 55.855 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD

Tgt Ion:105 Resp: 20794

Ion Ratio Lower Upper

105 100

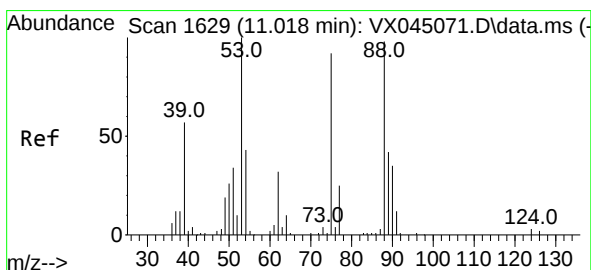
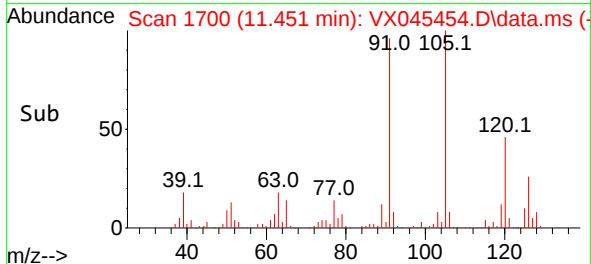
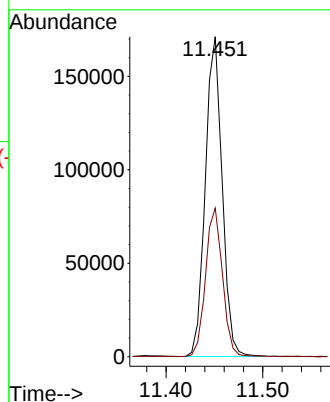
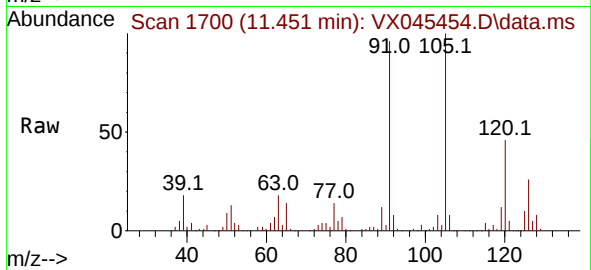
120 46.6 24.1 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 50.457 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

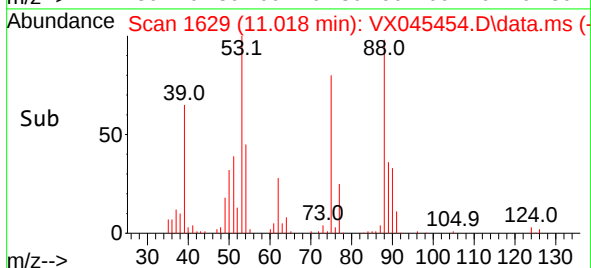
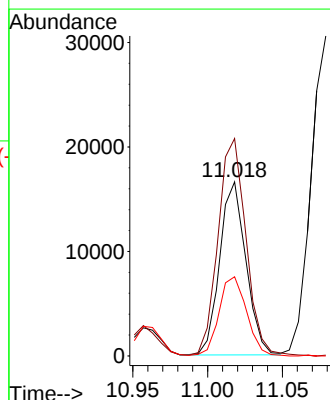
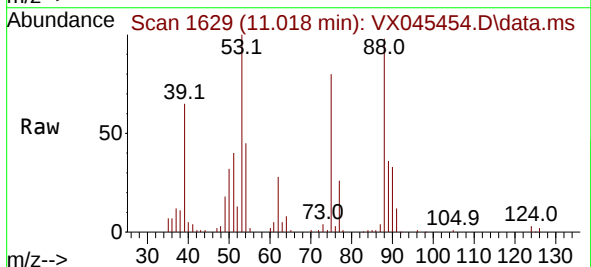
Tgt Ion: 75 Resp: 20244

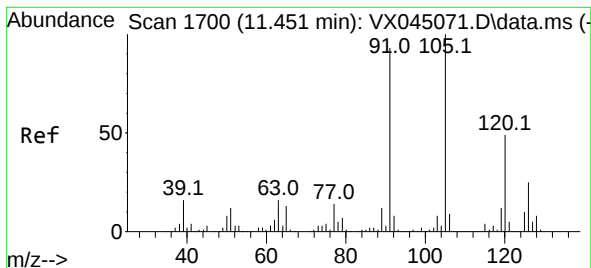
Ion Ratio Lower Upper

75 100

53 133.7 88.5 132.7#

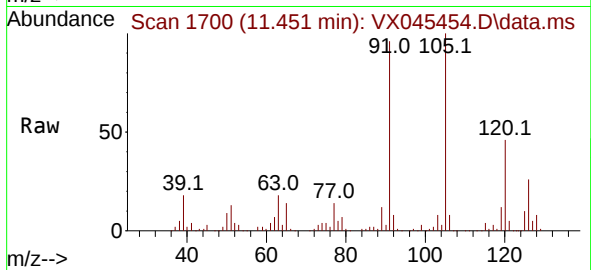
89 48.1 36.2 54.4





#82
4-Chlorotoluene
Concen: 56.120 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

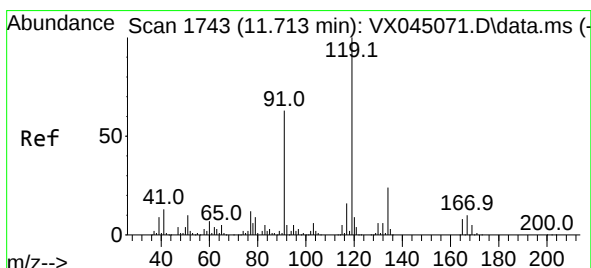
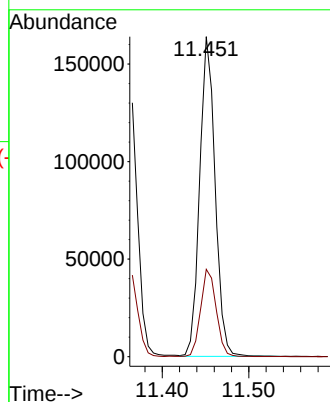
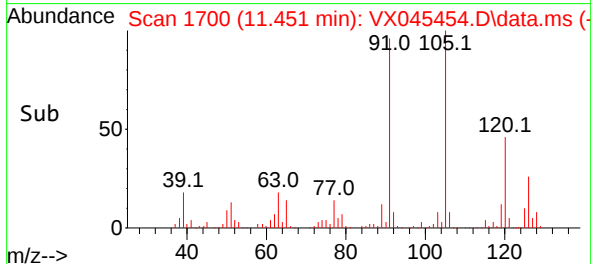
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



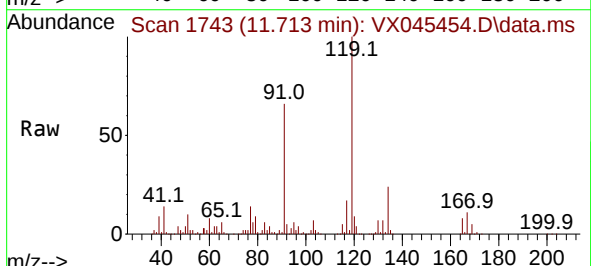
Tgt Ion: 91 Resp: 202600
Ion Ratio Lower Upper
91 100
126 27.5 14.1 42.4

Manual Integrations
APPROVED

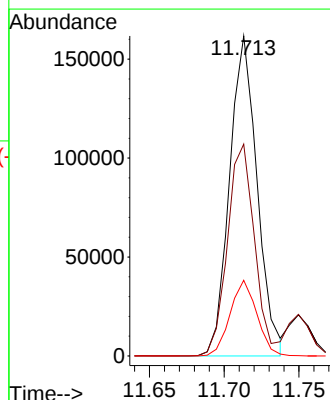
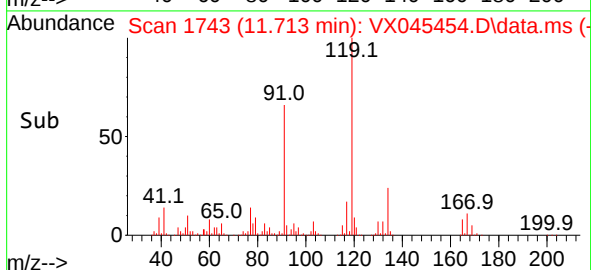
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

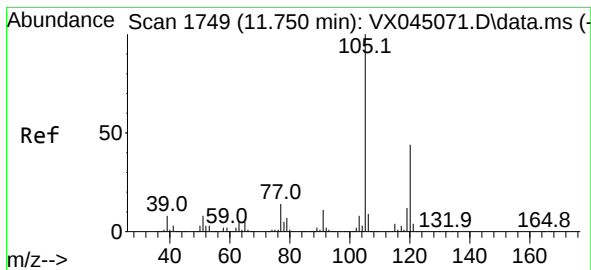


#83
tert-Butylbenzene
Concen: 54.247 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37



Tgt Ion:119 Resp: 207511
Ion Ratio Lower Upper
119 100
91 64.2 30.7 92.1
134 23.0 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 56.119 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD

Tgt Ion:105 Resp: 21022

Ion Ratio Lower Upper

105 100

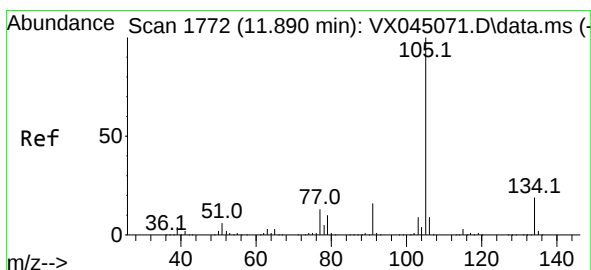
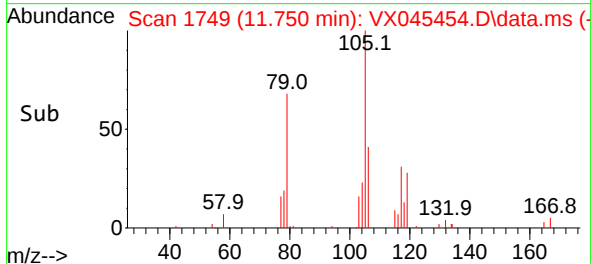
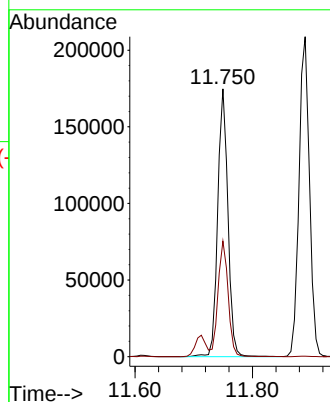
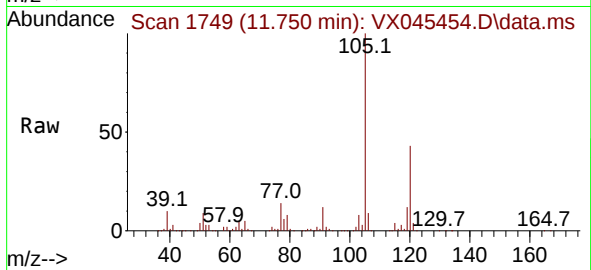
120 42.7 22.1 66.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#85

sec-Butylbenzene

Concen: 56.082 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX045454.D

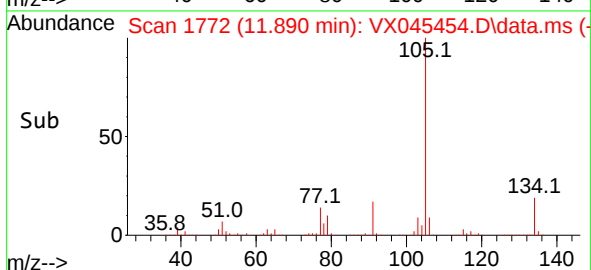
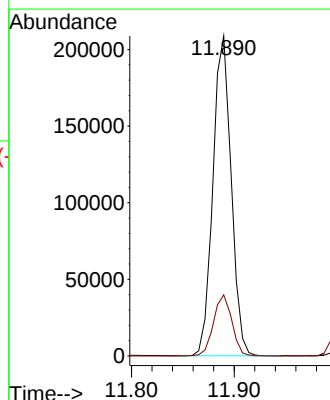
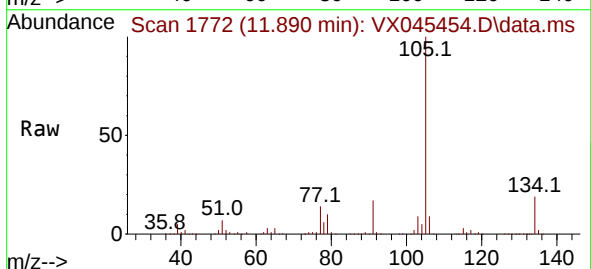
Acq: 25 Mar 2025 20:37

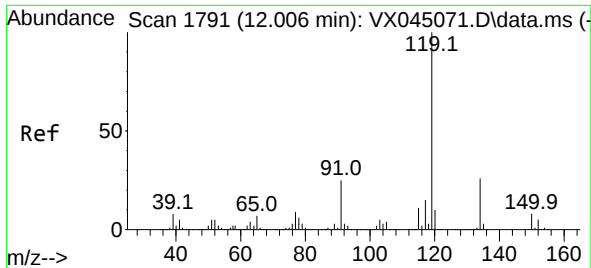
Tgt Ion:105 Resp: 256982

Ion Ratio Lower Upper

105 100

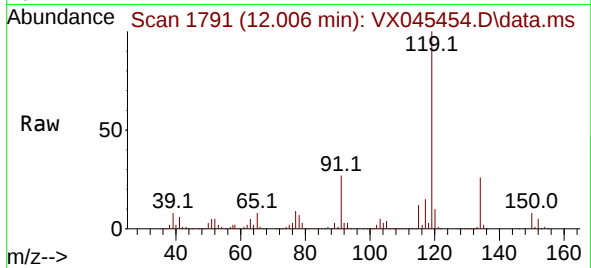
134 19.2 9.8 29.4





#86
p-Isopropyltoluene
Concen: 57.372 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

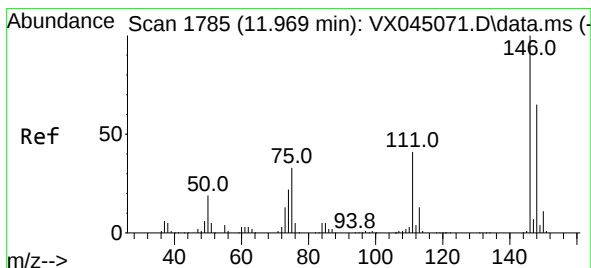
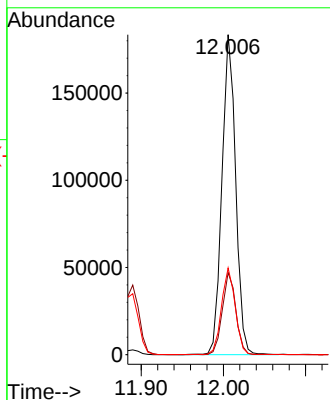
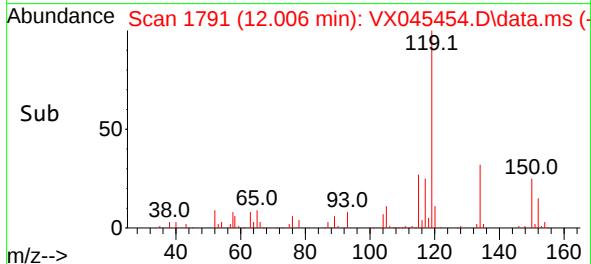
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



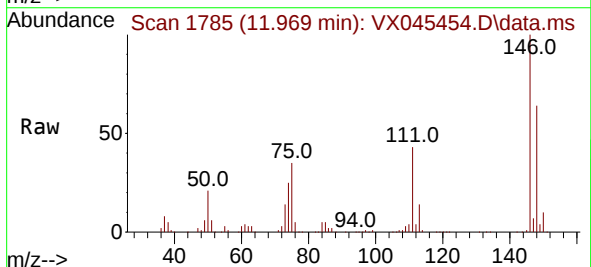
Tgt Ion:119 Resp: 21245
Ion Ratio Lower Upper
119 100
134 25.3 12.9 38.6
91 27.0 12.7 38.0

Manual Integrations
APPROVED

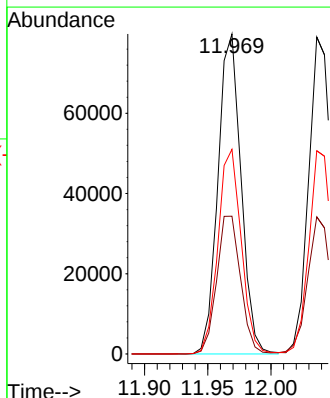
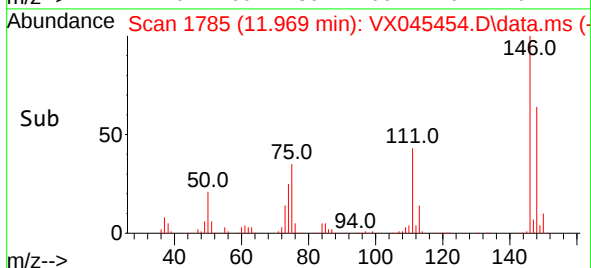
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

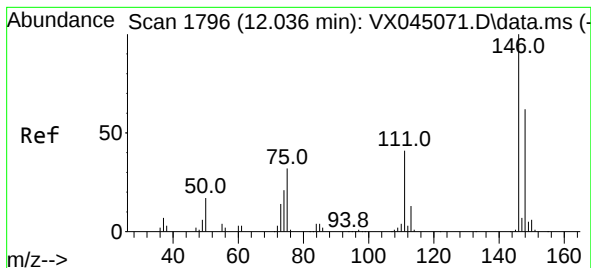


#87
1,3-Dichlorobenzene
Concen: 52.159 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37



Tgt Ion:146 Resp: 101086
Ion Ratio Lower Upper
146 100
111 44.5 21.1 63.4
148 64.6 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: 51.485 ug/l

RT: 12.036 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD

Tgt Ion:146 Resp: 100948

Ion Ratio Lower Upper

146 100

111 43.8 20.2 60.5

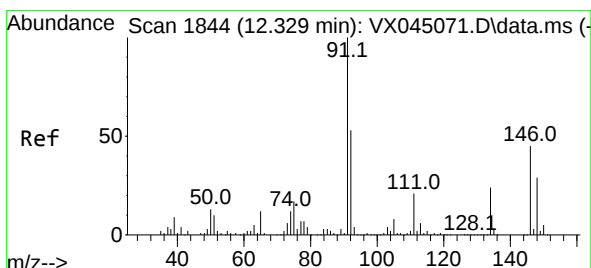
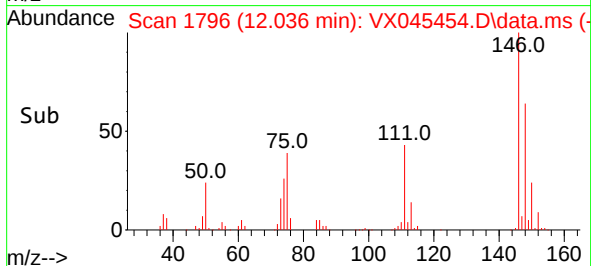
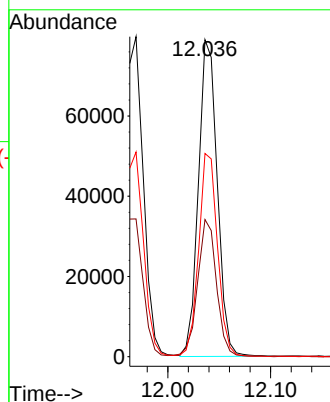
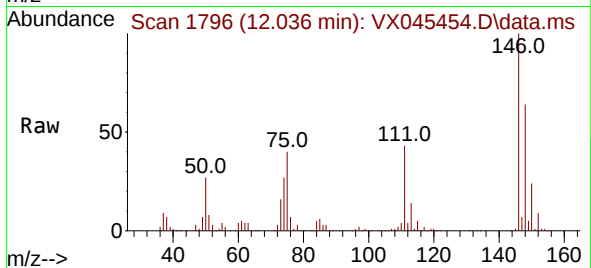
148 64.0 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#89

n-Butylbenzene

Concen: 57.809 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

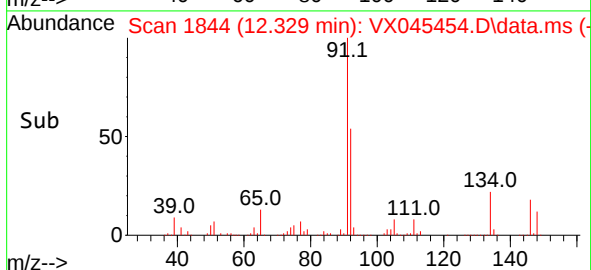
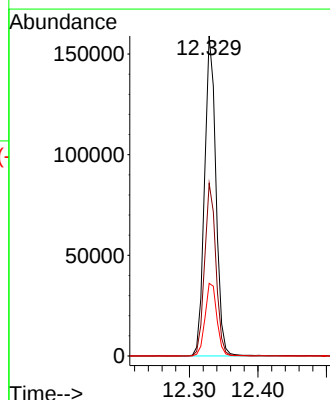
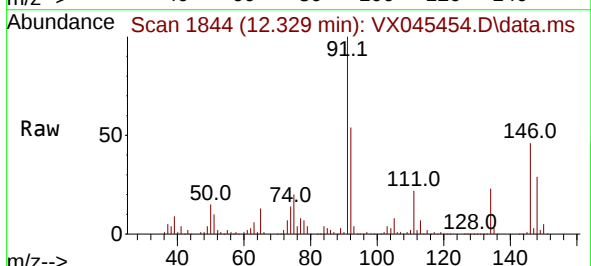
Tgt Ion: 91 Resp: 184374

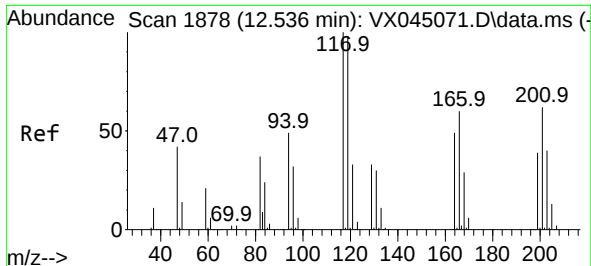
Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.0

134 23.6 12.2 36.6





#90

Hexachloroethane

Concen: 54.388 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MSD

Tgt Ion:117 Resp: 36429

Ion Ratio Lower Upper

117 100

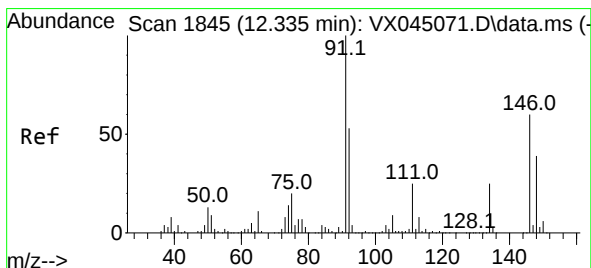
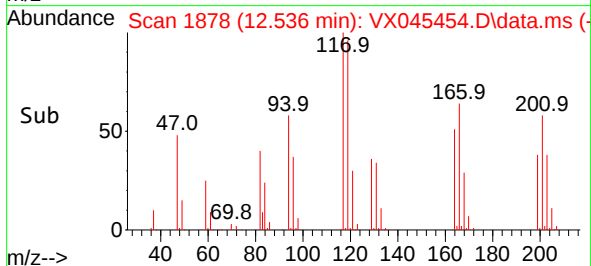
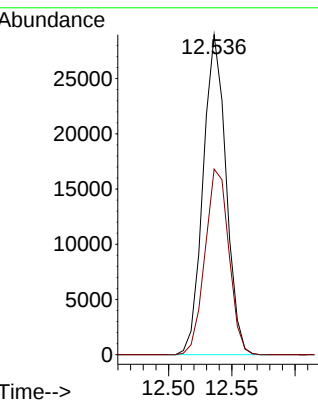
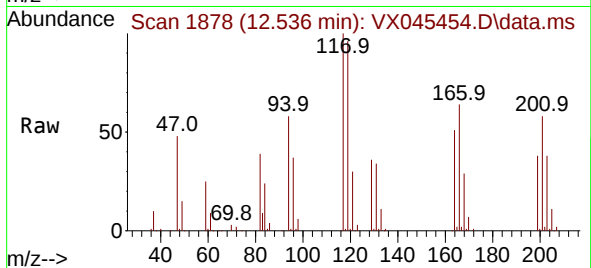
201 60.4 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#91

1,2-Dichlorobenzene

Concen: 53.527 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX045454.D

Acq: 25 Mar 2025 20:37

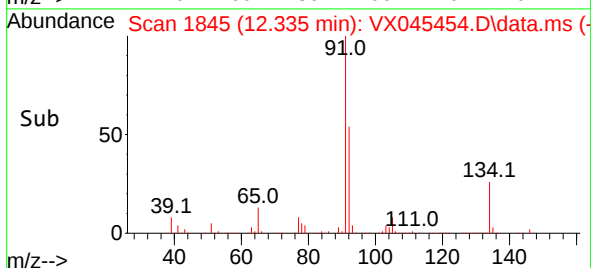
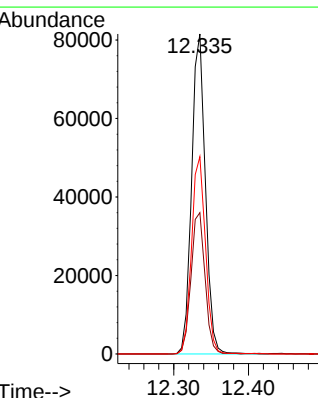
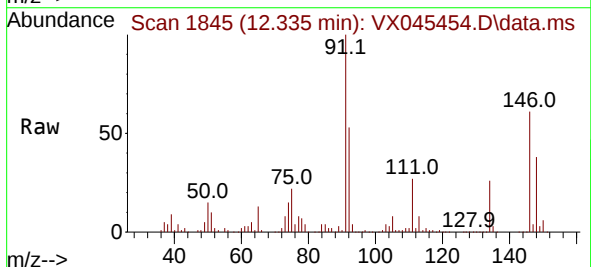
Tgt Ion:146 Resp: 104063

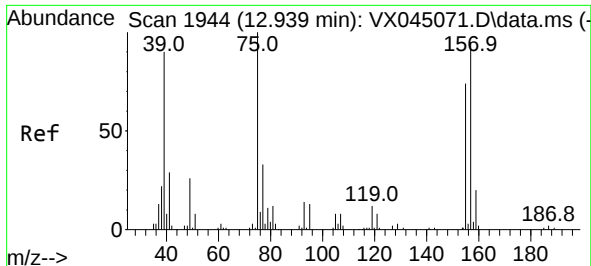
Ion Ratio Lower Upper

146 100

111 45.2 21.6 65.0

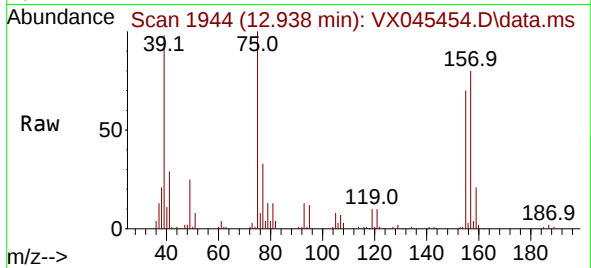
148 62.6 31.9 95.9





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.137 ug/l
 RT: 12.938 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX045454.D
 Acq: 25 Mar 2025 20:37

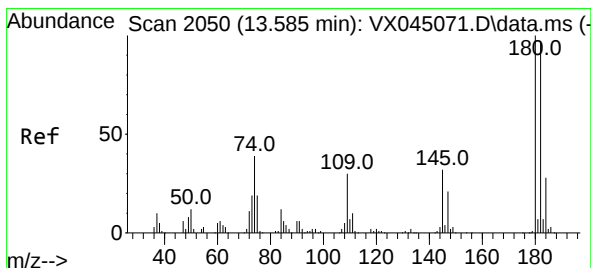
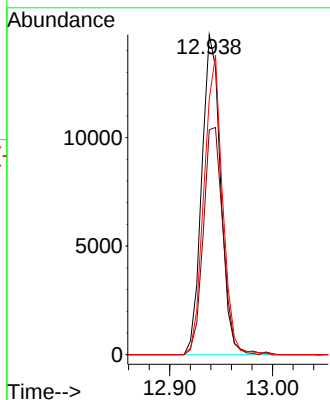
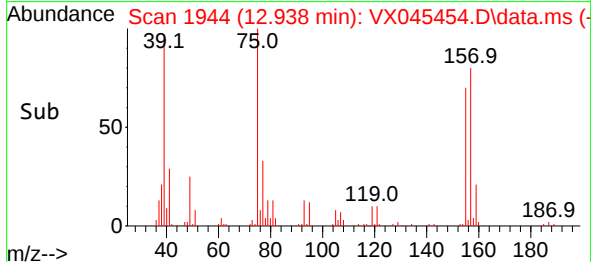
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318MSD



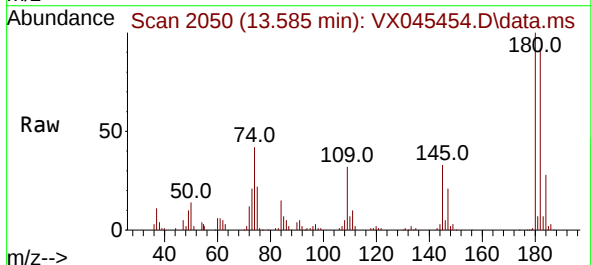
Tgt Ion: 75 Resp: 18808
 Ion Ratio Lower Upper
 75 100
 155 73.9 39.6 118.7
 157 91.6 51.1 153.4

Manual Integrations
 APPROVED

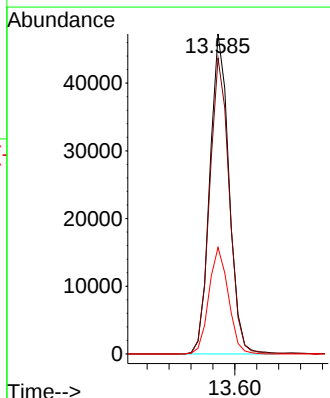
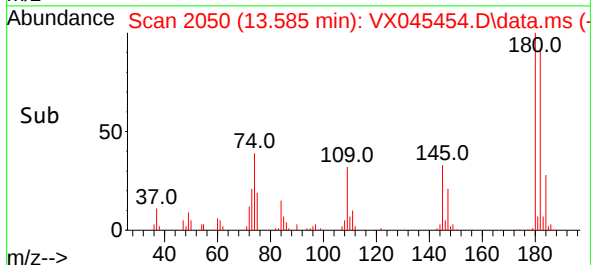
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

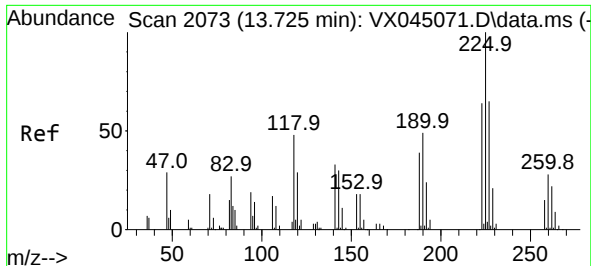


#93
 1,2,4-Trichlorobenzene
 Concen: 51.861 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX045454.D
 Acq: 25 Mar 2025 20:37



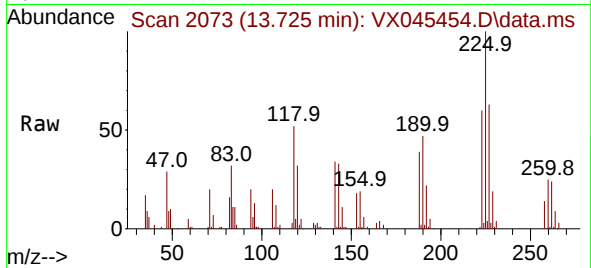
Tgt Ion:180 Resp: 57410
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 33.6 16.3 48.9





#94
Hexachlorobutadiene
Concen: 52.086 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37

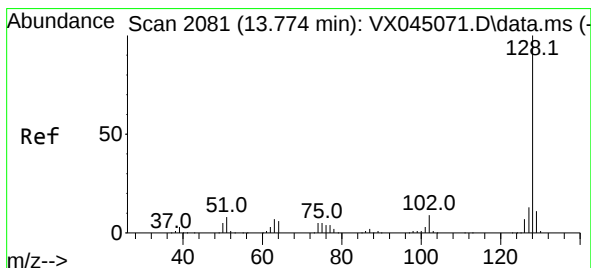
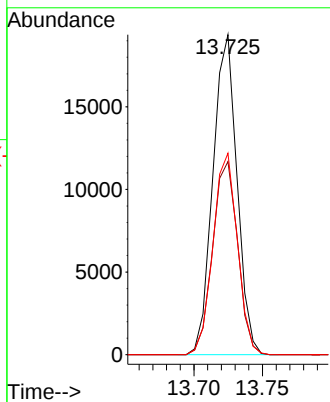
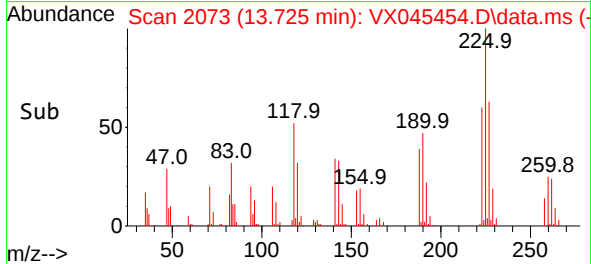
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MSD



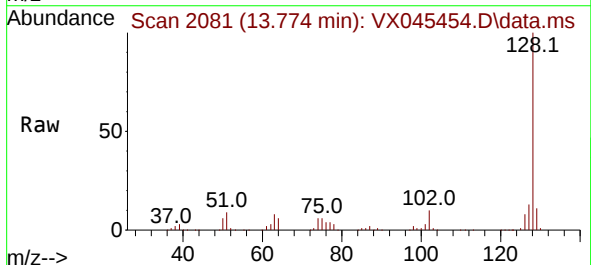
Tgt Ion:225 Resp: 23639
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.7
227 63.8 31.4 94.0

Manual Integrations
APPROVED

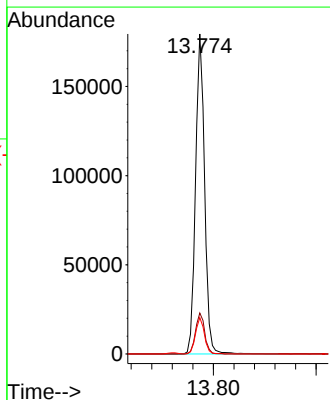
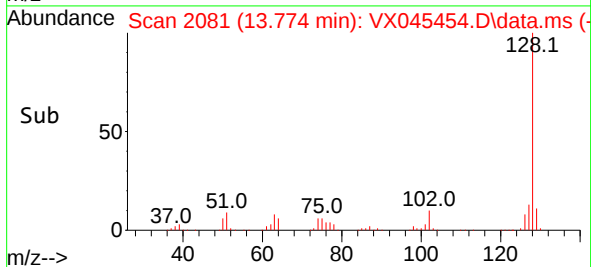
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

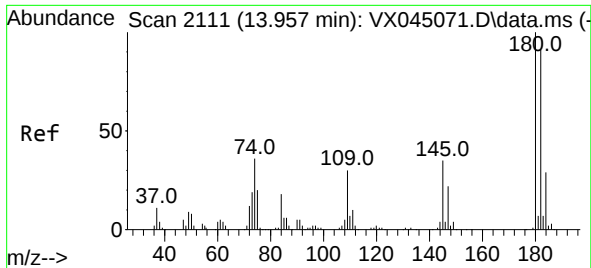


#95
Naphthalene
Concen: 51.660 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045454.D
Acq: 25 Mar 2025 20:37



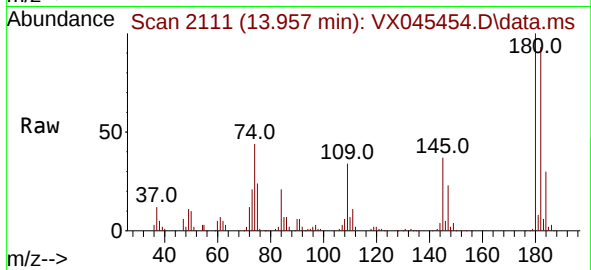
Tgt Ion:128 Resp: 219719
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 51.041 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: VX045454.D
 Acq: 25 Mar 2025 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318MSD



Tgt Ion:180 Resp: 5960
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.5 142.6
 145 36.3 17.0 50.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

