

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045236.D
 Acq On : 11 Mar 2025 19:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:55:54 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	92547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66778	45.363	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.720%		
35) Dibromofluoromethane	5.385	113	50703	46.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.560%		
50) Toluene-d8	8.647	98	179940	45.304	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.600%		
62) 4-Bromofluorobenzene	11.079	95	64822	49.251	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53268	45.726	ug/l	99
3) Chloromethane	1.307	50	64615	45.323	ug/l	98
4) Vinyl Chloride	1.374	62	60266	42.613	ug/l	97
5) Bromomethane	1.593	94	25658	46.150	ug/l	98
6) Chloroethane	1.666	64	32802	50.284	ug/l	98
7) Trichlorofluoromethane	1.874	101	87827	46.911	ug/l	99
8) Diethyl Ether	2.130	74	31793	43.415	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	53500	49.738	ug/l	99
10) Methyl Iodide	2.447	142	68051	50.626	ug/l	98
11) Tert butyl alcohol	2.977	59	51983	186.427	ug/l	99
12) 1,1-Dichloroethene	2.306	96	53108	46.700	ug/l	96
13) Acrolein	2.233	56	32474	100.748	ug/l	99
14) Allyl chloride	2.654	41	98283	48.552	ug/l	98
15) Acrylonitrile	3.062	53	181756	243.211	ug/l	99
16) Acetone	2.386	43	156898	229.716	ug/l	99
17) Carbon Disulfide	2.501	76	122680	40.503	ug/l	98
18) Methyl Acetate	2.703	43	89742	54.618	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	180382	47.278	ug/l	97
20) Methylene Chloride	2.782	84	62985	46.554	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	52729	46.934	ug/l	100
22) Diisopropyl ether	3.757	45	200226	48.635	ug/l #	87
23) Vinyl Acetate	3.721	43	844079	245.688	ug/l	99
24) 1,1-Dichloroethane	3.605	63	109431	47.429	ug/l	100
25) 2-Butanone	4.556	43	251056	244.195	ug/l	98
26) 2,2-Dichloropropane	4.471	77	65263	60.305	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	66395	47.873	ug/l	97
28) Bromochloromethane	4.891	49	52477	47.718	ug/l	99
29) Tetrahydrofuran	5.001	42	161329	233.669	ug/l	100
30) Chloroform	5.086	83	109326	47.688	ug/l	98
31) Cyclohexane	5.464	56	93837	46.852	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	88809	47.964	ug/l	98
36) 1,1-Dichloropropene	5.690	75	72608	48.325	ug/l	100
37) Ethyl Acetate	4.715	43	93428	48.257	ug/l	99
38) Carbon Tetrachloride	5.672	117	74018	48.524	ug/l	97
39) Methylcyclohexane	7.373	83	89869	49.918	ug/l	97
40) Benzene	6.031	78	229062	48.279	ug/l	100

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 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53206	50.825	ug/l	99
42) 1,2-Dichloroethane	6.086	62	85619	50.114	ug/l	99
43) Isopropyl Acetate	6.342	43	144156	50.354	ug/l	100
44) Trichloroethene	7.123	130	54580	48.992	ug/l	96
45) 1,2-Dichloropropane	7.427	63	58369	47.849	ug/l	99
46) Dibromomethane	7.580	93	43556	50.517	ug/l	98
47) Bromodichloromethane	7.818	83	83702	49.493	ug/l	99
48) Methyl methacrylate	7.690	41	73223	50.982	ug/l	98
49) 1,4-Dioxane	7.659	88	27933	921.987	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	509737	265.178	ug/l	100
52) Toluene	8.714	92	138365	49.706	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	73204	51.776	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	85519	51.871	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	55900	48.779	ug/l	99
56) Ethyl methacrylate	9.116	69	91220	52.366	ug/l	96
57) 1,3-Dichloropropane	9.305	76	99262	50.051	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	237779	279.825	ug/l	98
59) 2-Hexanone	9.427	43	375289	269.459	ug/l	99
60) Dibromochloromethane	9.519	129	60613	50.586	ug/l	100
61) 1,2-Dibromoethane	9.604	107	57091	49.904	ug/l	98
64) Tetrachloroethene	9.269	164	44141	47.383	ug/l	96
65) Chlorobenzene	10.073	112	149536	48.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	49133	47.936	ug/l	98
67) Ethyl Benzene	10.189	91	268680	50.100	ug/l	99
68) m/p-Xylenes	10.299	106	198600	101.160	ug/l	98
69) o-Xylene	10.640	106	97058	49.018	ug/l	98
70) Styrene	10.652	104	165647	51.703	ug/l	99
71) Bromoform	10.799	173	39245	50.775	ug/l #	99
73) Isopropylbenzene	10.957	105	259125	48.697	ug/l	99
74) N-amyl acetate	10.841	43	125524	50.273	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	91044	46.625	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	74854m	47.174	ug/l	
77) Bromobenzene	11.195	156	58983	46.980	ug/l	97
78) n-propylbenzene	11.299	91	299014	49.745	ug/l	99
79) 2-Chlorotoluene	11.360	91	181227	47.340	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	212792	49.457	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21898	47.228	ug/l	90
82) 4-Chlorotoluene	11.451	91	205234	49.191	ug/l	100
83) tert-Butylbenzene	11.713	119	213082	48.200	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	214250	49.489	ug/l	99
85) sec-Butylbenzene	11.890	105	268624	50.727	ug/l	99
86) p-Isopropyltoluene	12.006	119	217580	50.842	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109308	48.804	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	106308	46.916	ug/l	99
89) n-Butylbenzene	12.329	91	194364	52.732	ug/l	99
90) Hexachloroethane	12.536	117	37102	47.931	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	108734	48.396	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18507	48.649	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	61986	48.452	ug/l	99
94) Hexachlorobutadiene	13.725	225	25290	48.218	ug/l	100
95) Naphthalene	13.774	128	240005	48.828	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65162	48.282	ug/l	99

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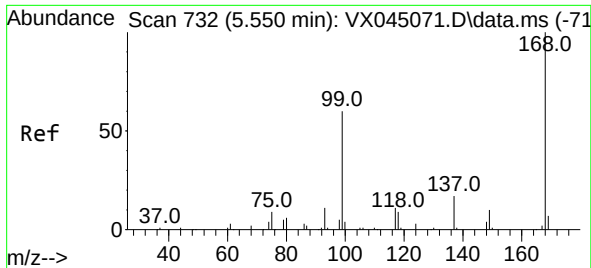
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

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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

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



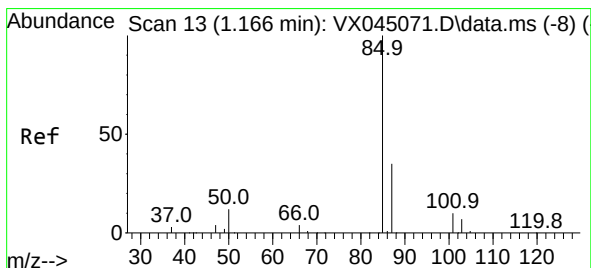
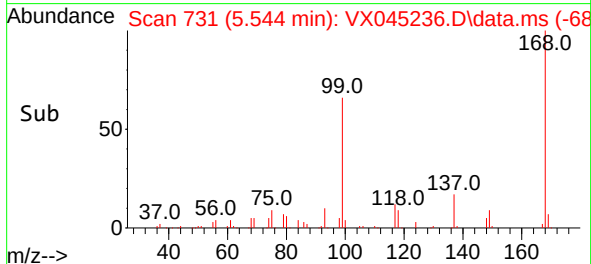
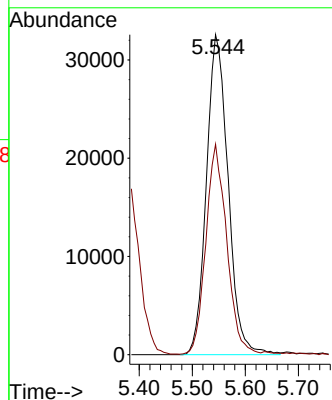
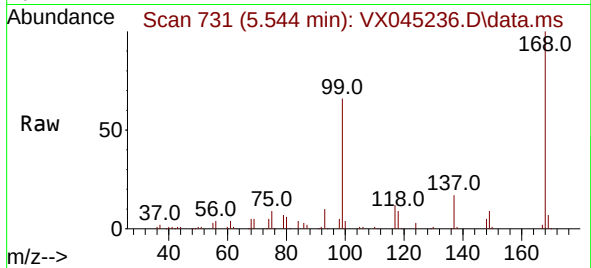
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045236.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 9254
Ion Ratio Lower Upper
168 100
99 65.6 48.2 72.4

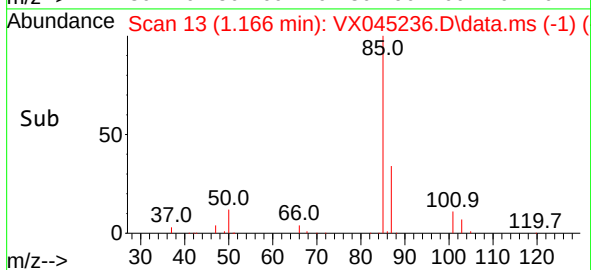
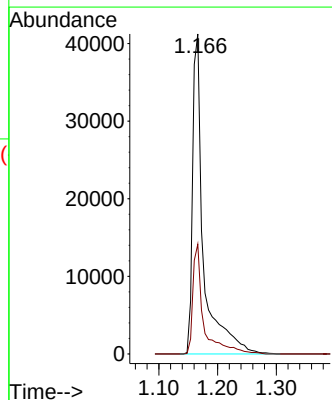
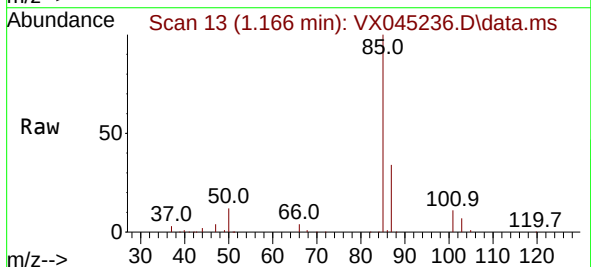
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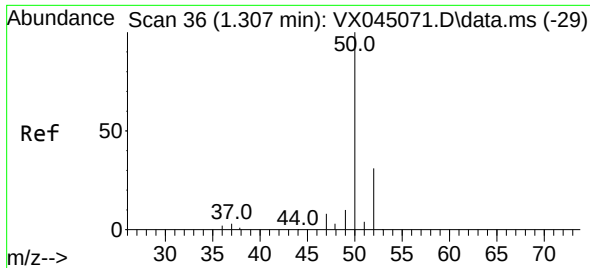
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#2
Dichlorodifluoromethane
Concen: 45.726 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 85 Resp: 53268
Ion Ratio Lower Upper
85 100
87 34.3 17.4 52.3





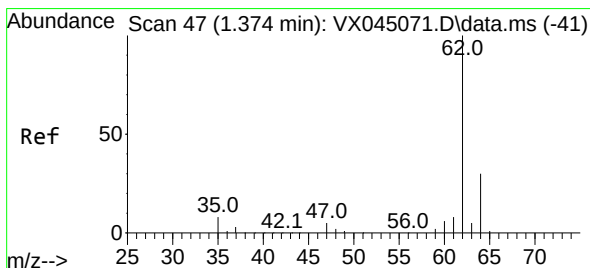
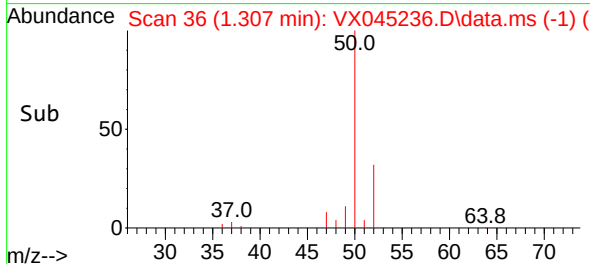
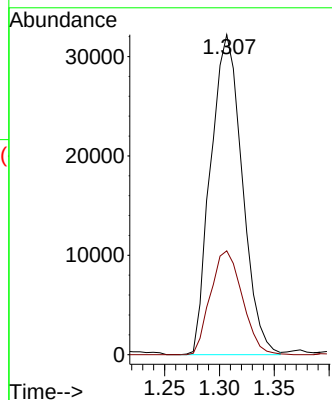
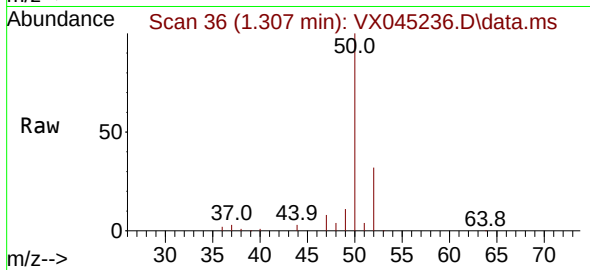
#3
Chloromethane
Concen: 45.323 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 6461
Ion Ratio Lower Upper
50 100
52 32.5 25.0 37.4

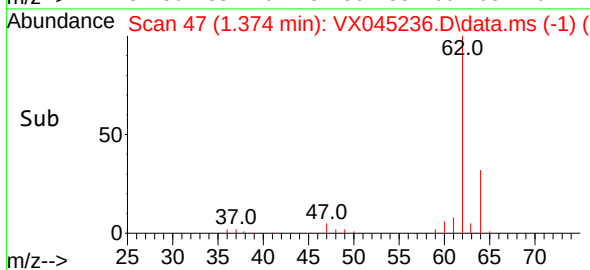
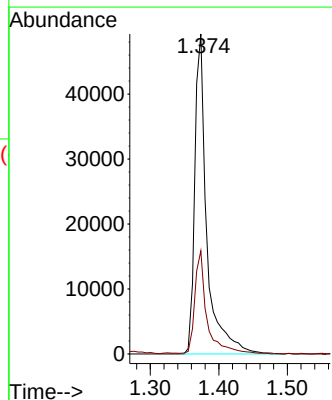
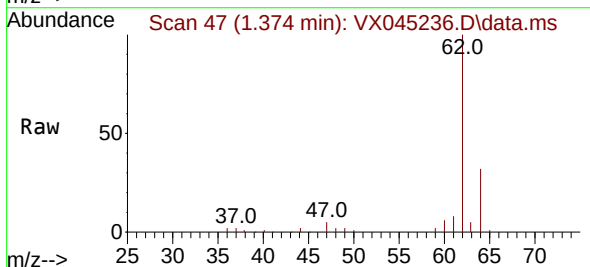
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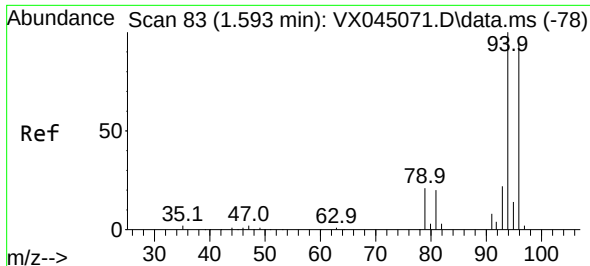
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#4
Vinyl Chloride
Concen: 42.613 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

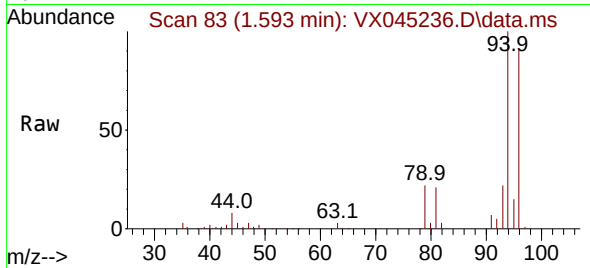
Tgt Ion: 62 Resp: 60266
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5





#5
Bromomethane
Concen: 46.150 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045236.D
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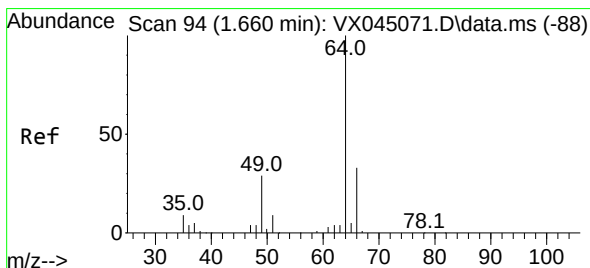
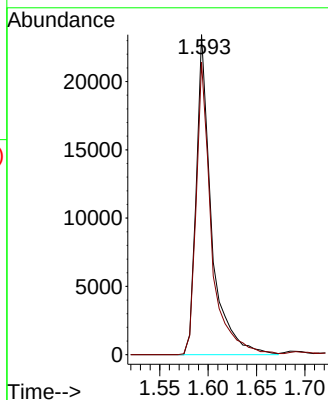
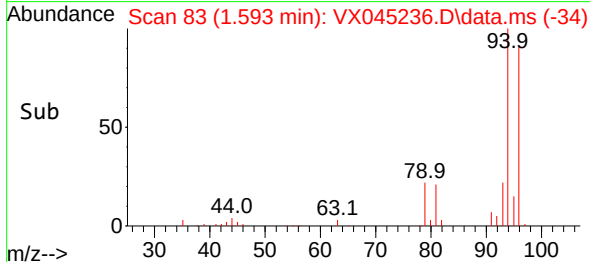
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Tgt Ion: 94 Resp: 25658
Ion Ratio Lower Upper
94 100
96 91.3 75.0 112.4

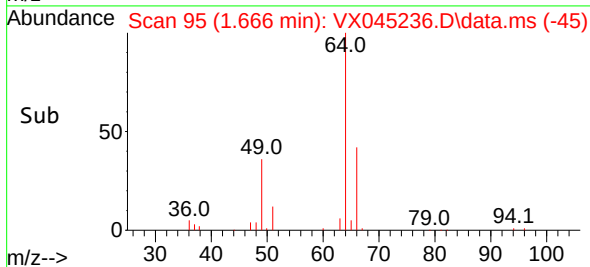
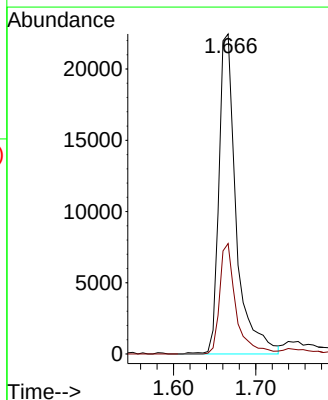
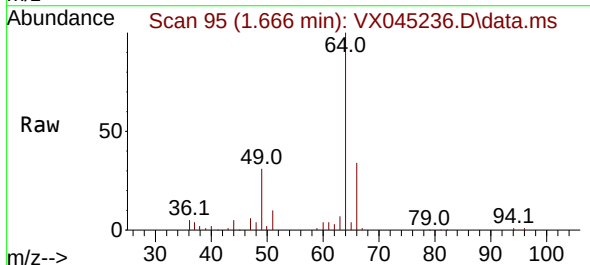
Manual Integrations
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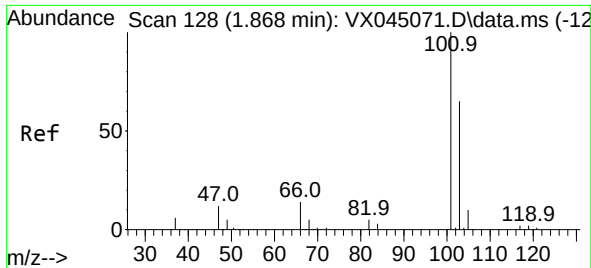
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#6
Chloroethane
Concen: 50.284 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045236.D
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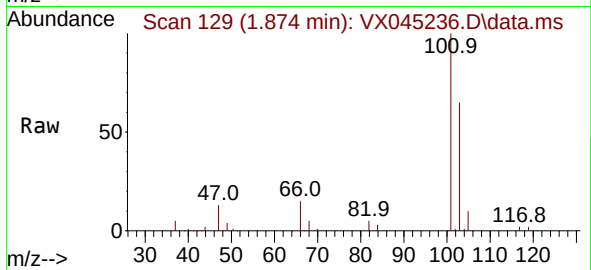
Tgt Ion: 64 Resp: 32802
Ion Ratio Lower Upper
64 100
66 34.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 46.911 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

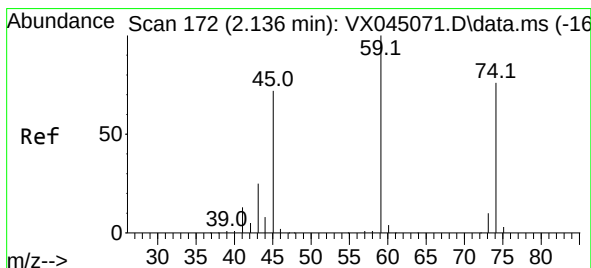
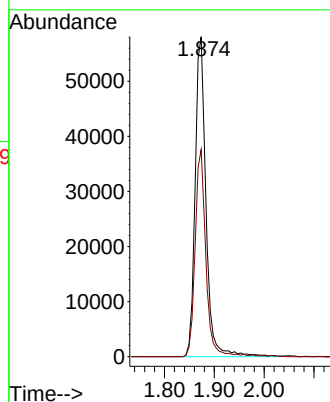
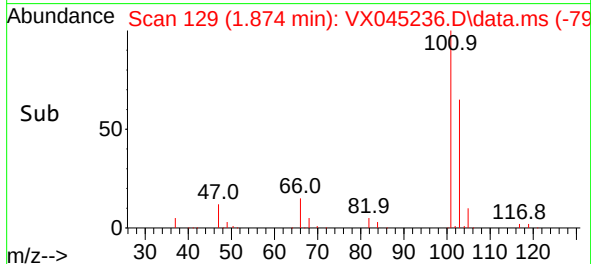
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



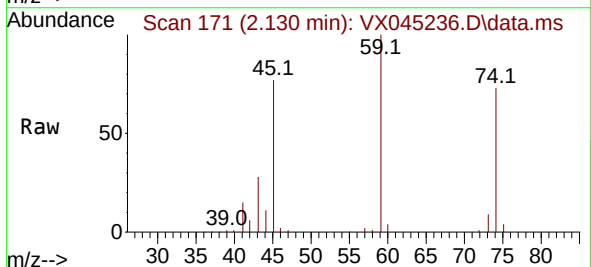
Tgt Ion:101 Resp: 8782
Ion Ratio Lower Upper
101 100
103 64.7 52.1 78.1

Manual Integrations
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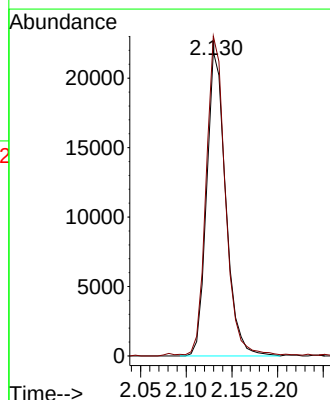
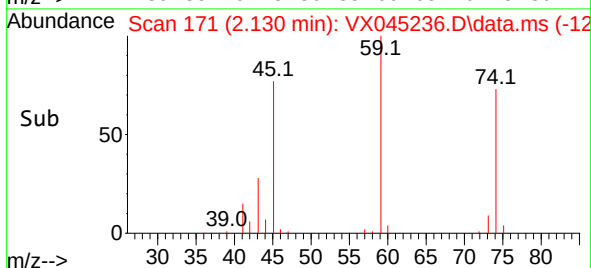
Reviewed By :John Carlone 03/12/2025
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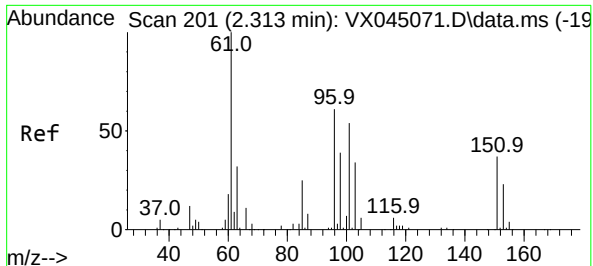


#8
Diethyl Ether
Concen: 43.415 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49



Tgt Ion: 74 Resp: 31793
Ion Ratio Lower Upper
74 100
45 104.5 51.5 154.5





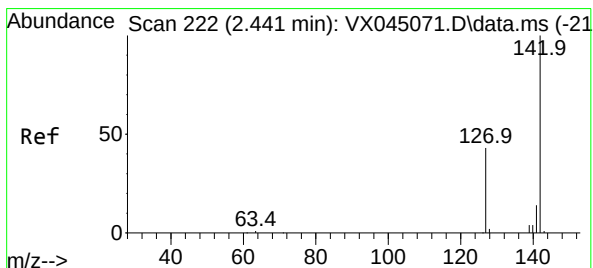
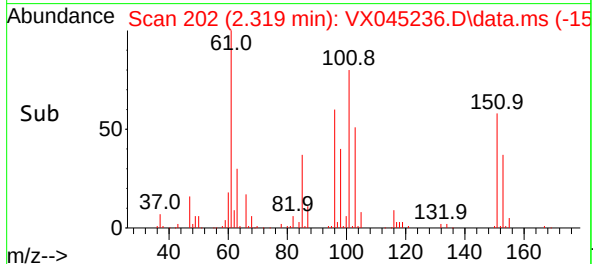
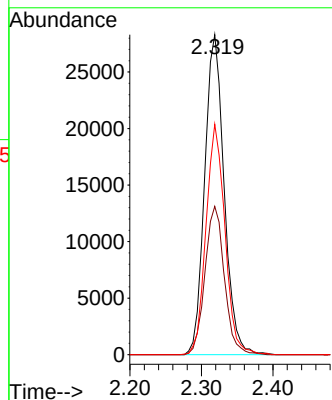
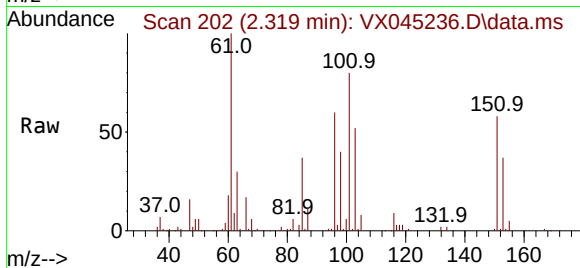
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1,1,2-Trichlorotrifluoroethane
Concen: 49.738 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 53500
Ion Ratio Lower Upper
101 100
85 46.3 36.2 54.4
151 70.3 56.4 84.6

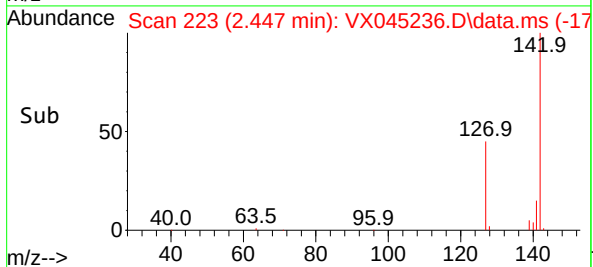
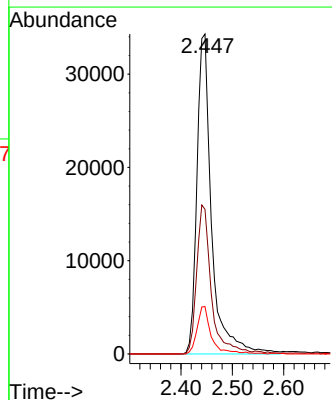
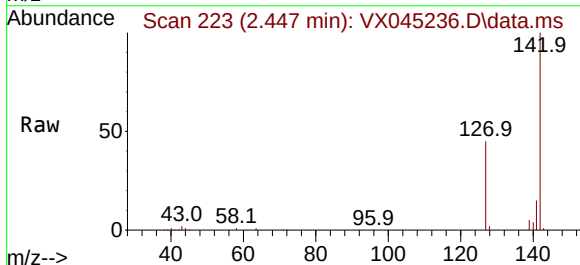
Manual Integrations
APPROVED

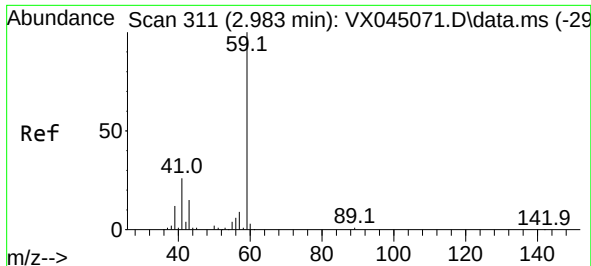
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#10
Methyl Iodide
Concen: 50.626 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion:142 Resp: 68051
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.2
141 14.4 11.6 17.4





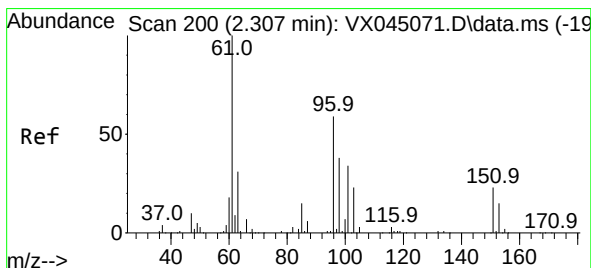
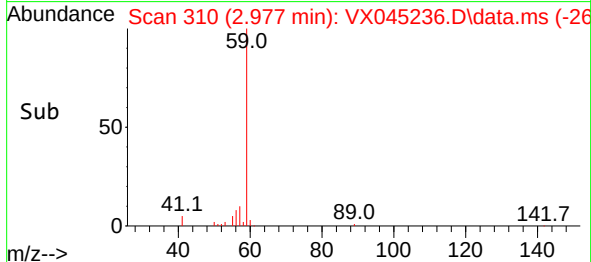
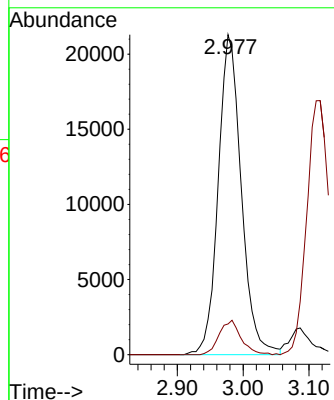
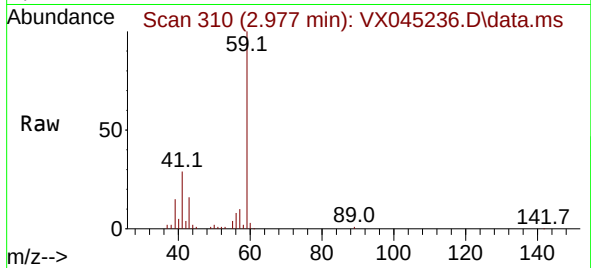
#11
Tert butyl alcohol
Concen: 186.427 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 5198
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8

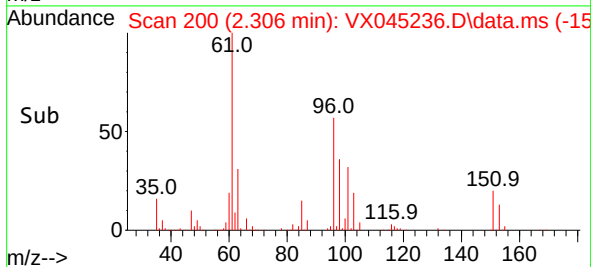
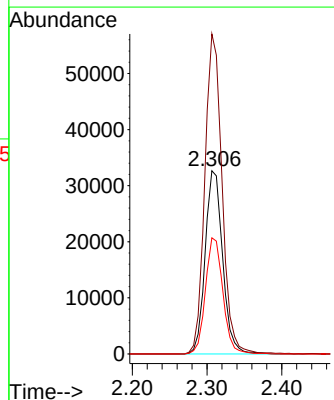
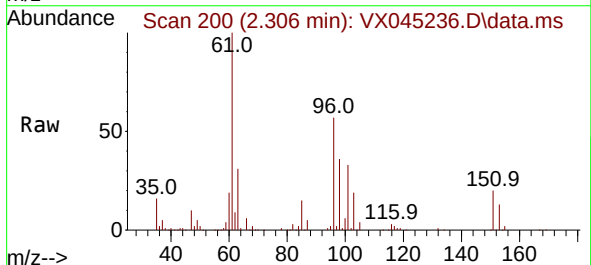
Manual Integrations
APPROVED

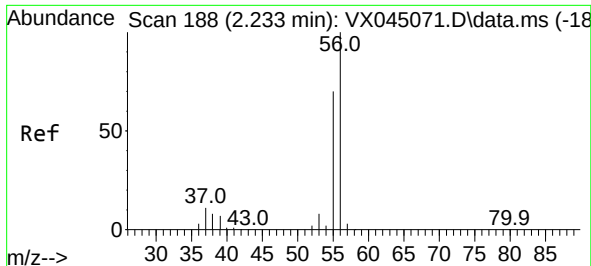
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#12
1,1-Dichloroethene
Concen: 46.700 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

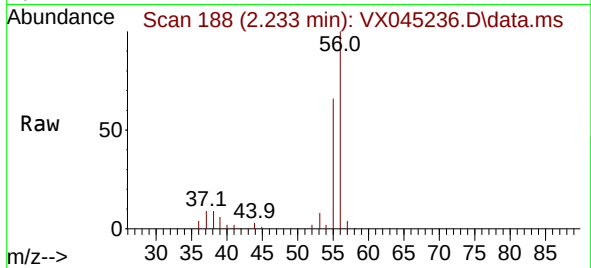
Tgt Ion: 96 Resp: 53108
Ion Ratio Lower Upper
96 100
61 174.6 134.6 202.0
98 63.4 51.0 76.6





#13
Acrolein
Concen: 100.748 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

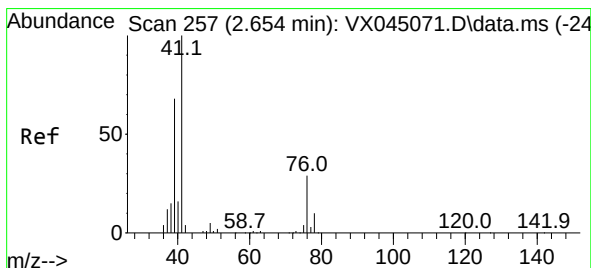
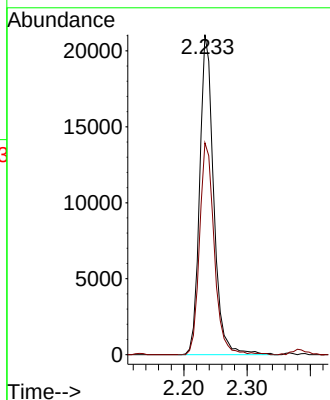
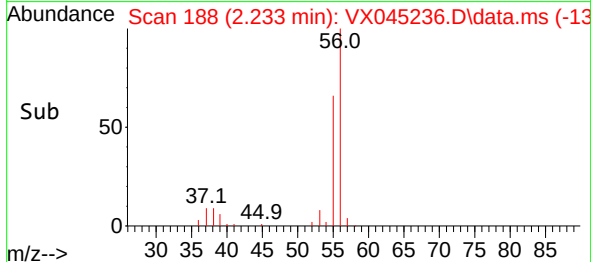
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 32474
Ion Ratio Lower Upper
56 100
55 69.6 56.2 84.4

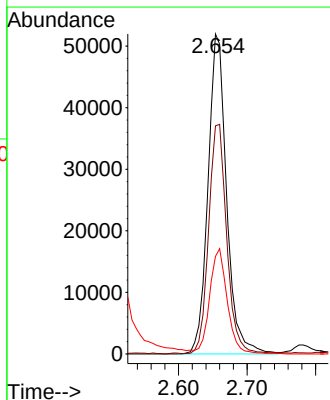
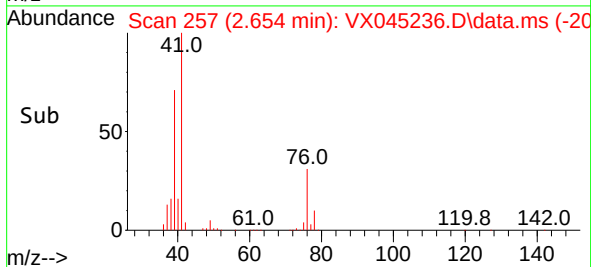
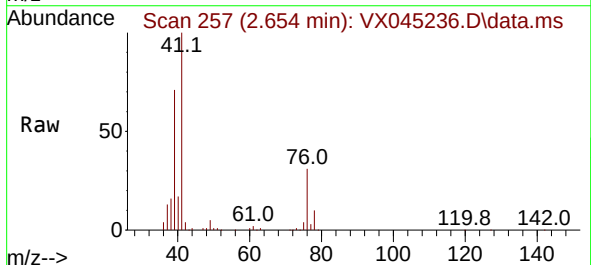
Manual Integrations
APPROVED

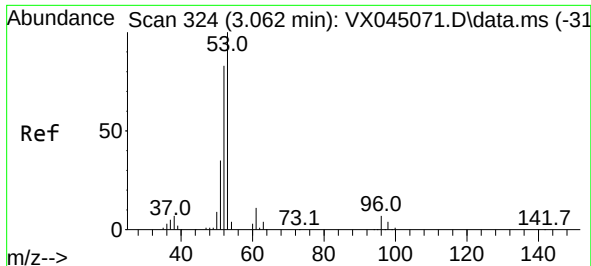
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#14
Allyl chloride
Concen: 48.552 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

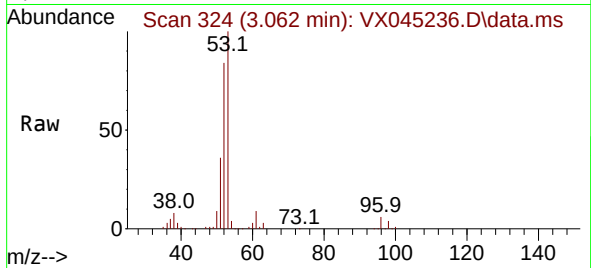
Tgt Ion: 41 Resp: 98283
Ion Ratio Lower Upper
41 100
39 69.6 53.8 80.8
76 31.1 25.2 37.8





#15
Acrylonitrile
Concen: 243.211 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

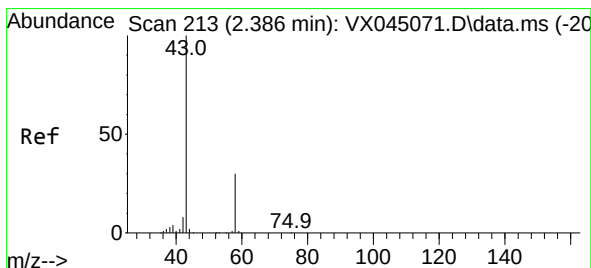
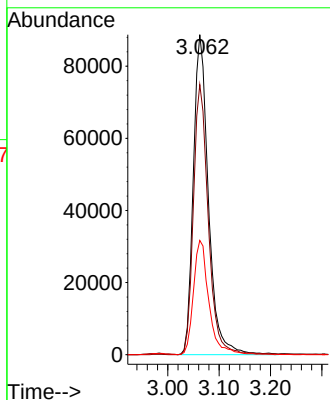
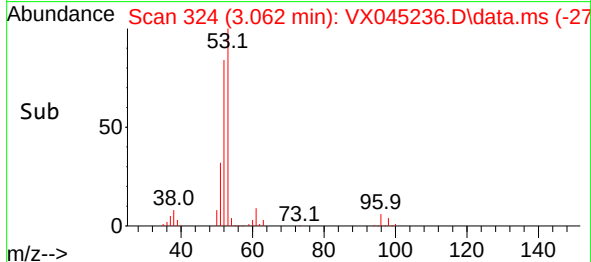
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 181750
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.5 29.0 43.4

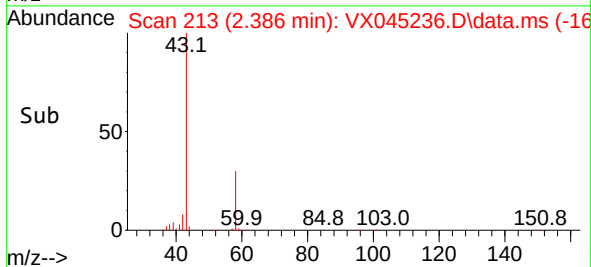
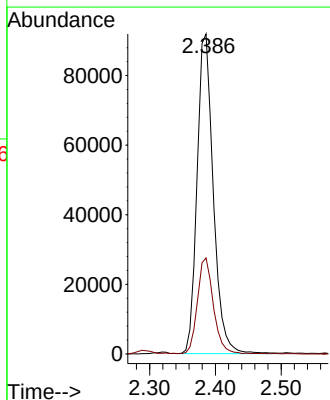
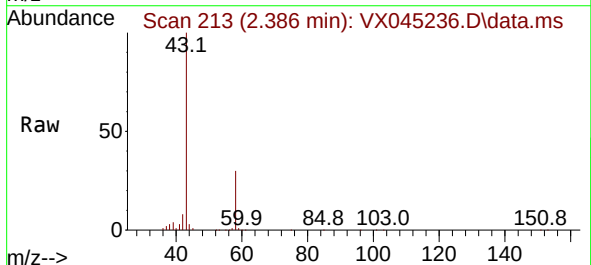
Manual Integrations
APPROVED

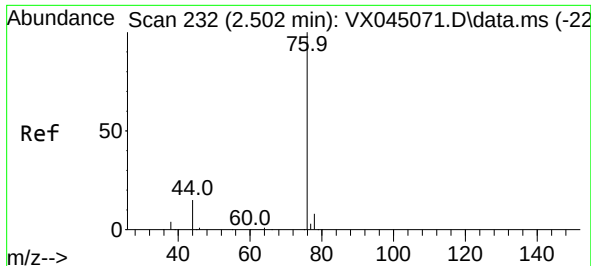
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#16
Acetone
Concen: 229.716 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 43 Resp: 156898
Ion Ratio Lower Upper
43 100
58 29.9 24.2 36.4





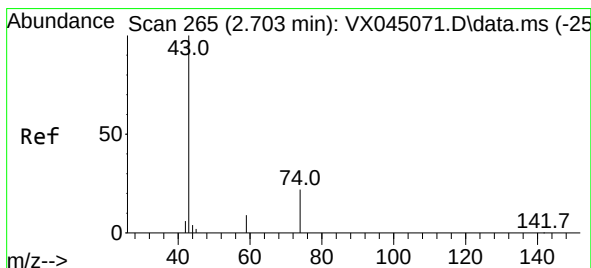
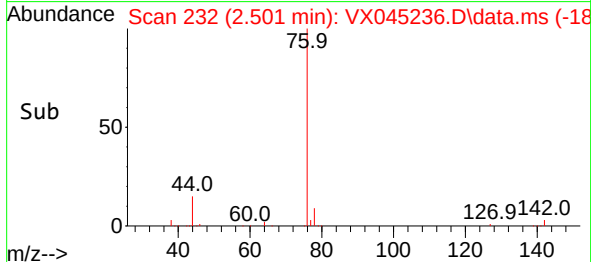
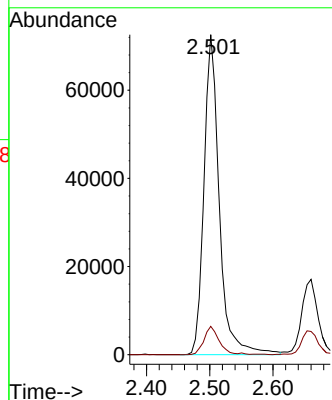
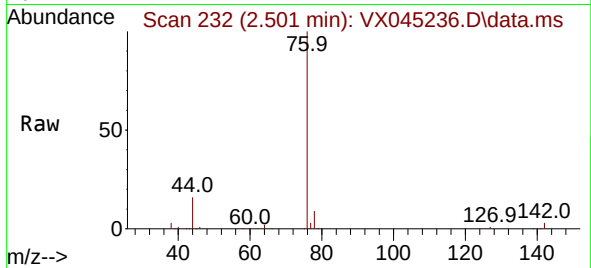
#17
Carbon Disulfide
Concen: 40.503 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 122680
Ion Ratio Lower Upper
76 100
78 8.8 6.6 9.8

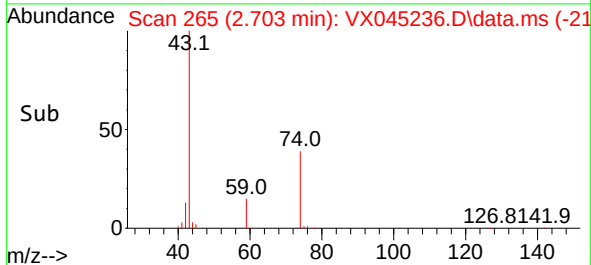
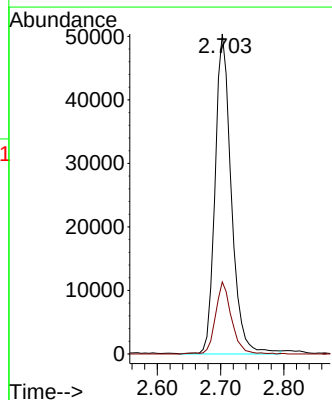
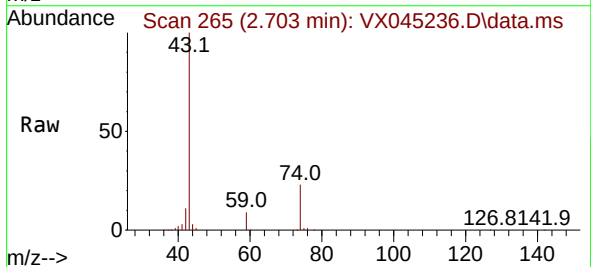
Manual Integrations
APPROVED

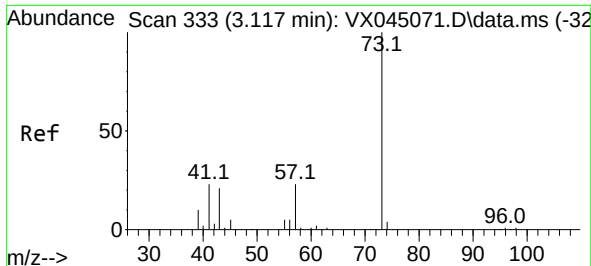
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#18
Methyl Acetate
Concen: 54.618 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 43 Resp: 89742
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2





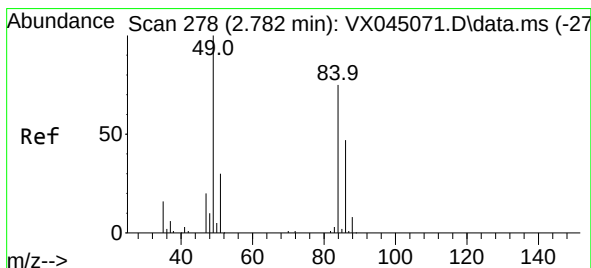
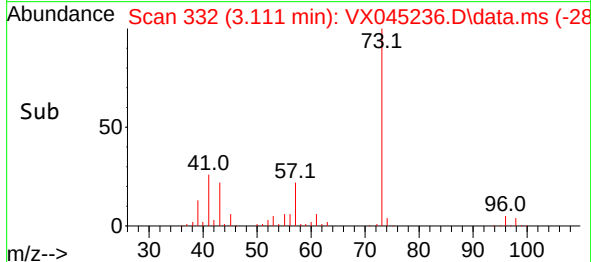
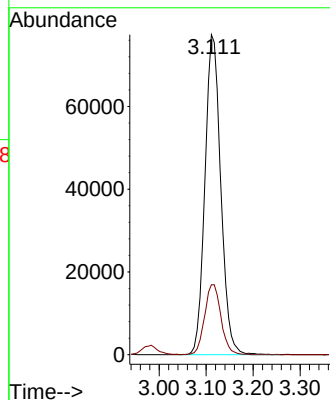
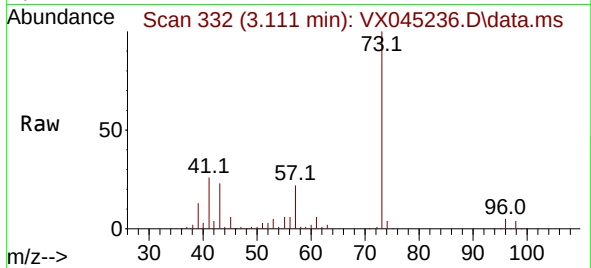
#19
Methyl tert-butyl Ether
Concen: 47.278 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 18038
Ion Ratio Lower Upper
73 100
57 21.9 18.5 27.7

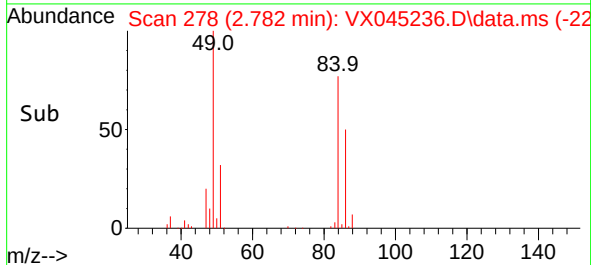
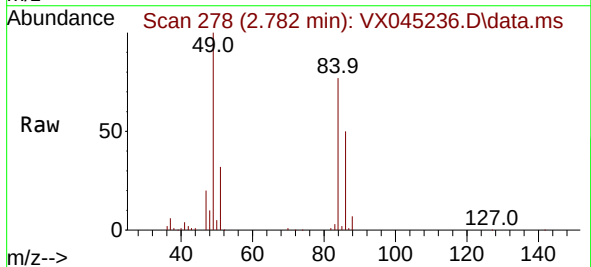
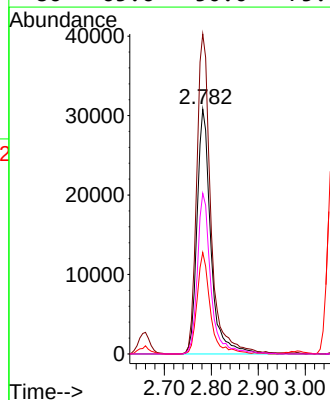
Manual Integrations
APPROVED

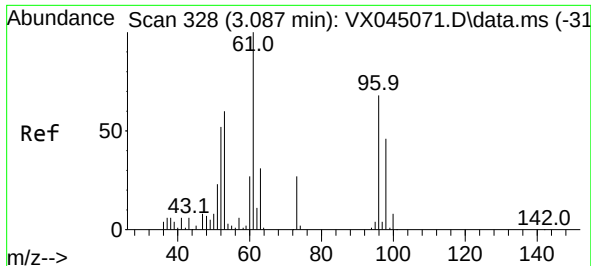
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#20
Methylene Chloride
Concen: 46.554 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

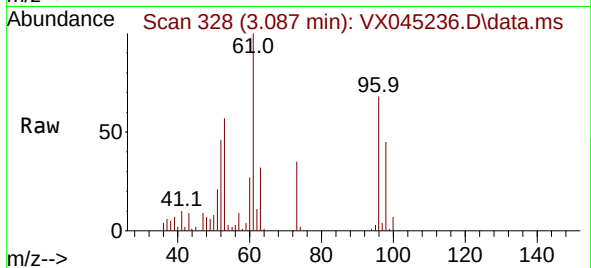
Tgt Ion: 84 Resp: 62985
Ion Ratio Lower Upper
84 100
49 130.7 106.5 159.7
51 41.4 32.1 48.1
86 65.6 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 46.934 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

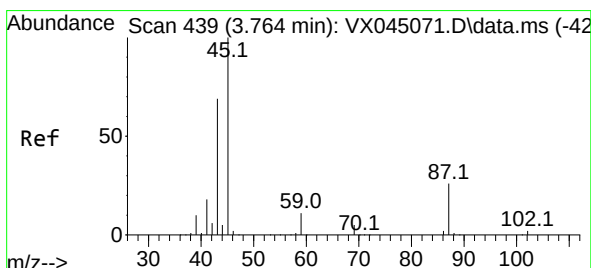
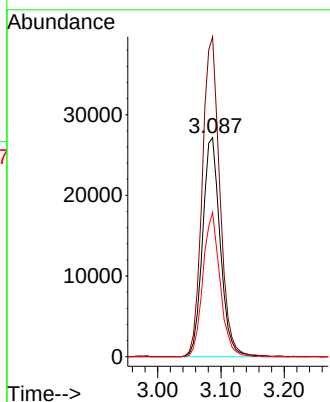
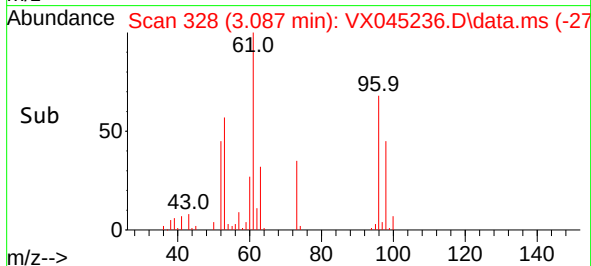
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



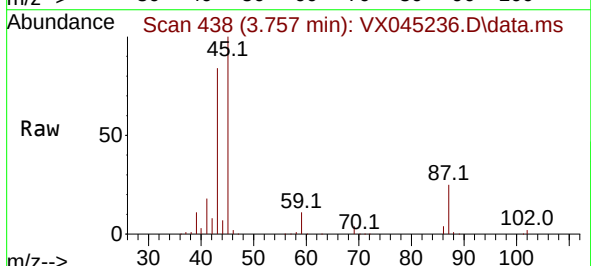
Tgt Ion: 96 Resp: 52729
Ion Ratio Lower Upper
96 100
61 146.1 117.0 175.4
98 65.9 53.4 80.2

Manual Integrations
APPROVED

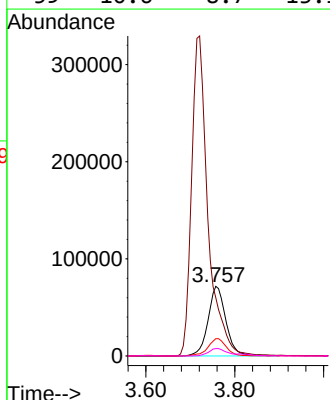
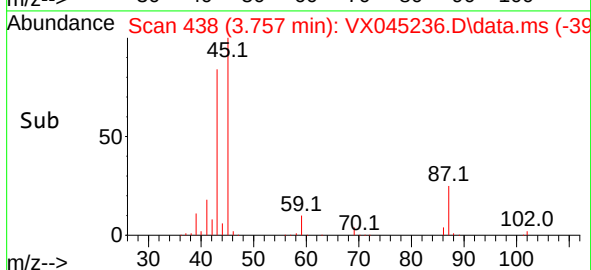
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

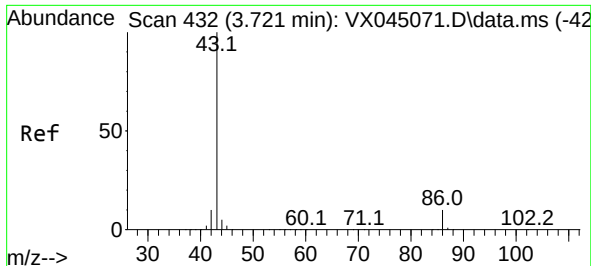


#22
Diisopropyl ether
Concen: 48.635 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49



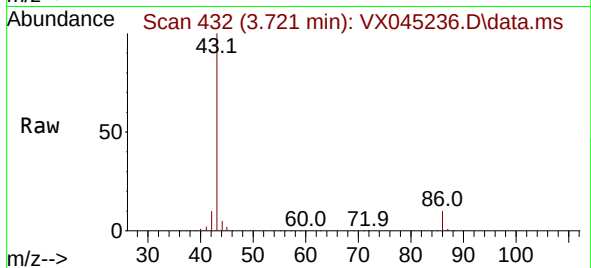
Tgt Ion: 45 Resp: 200226
Ion Ratio Lower Upper
45 100
43 83.5 54.9 82.3#
87 24.9 21.0 31.4
59 10.6 8.7 13.1





#23
 Vinyl Acetate
 Concen: 245.688 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045236.D
 Acq: 11 Mar 2025 19:49

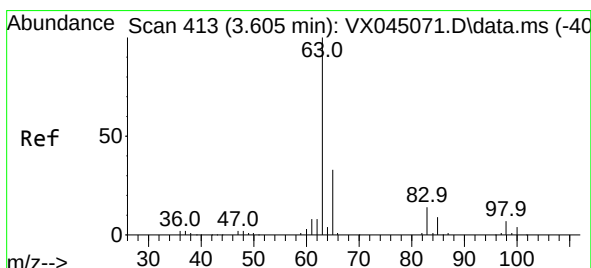
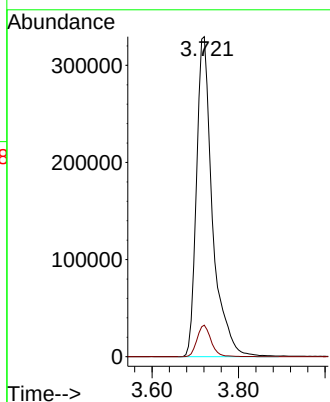
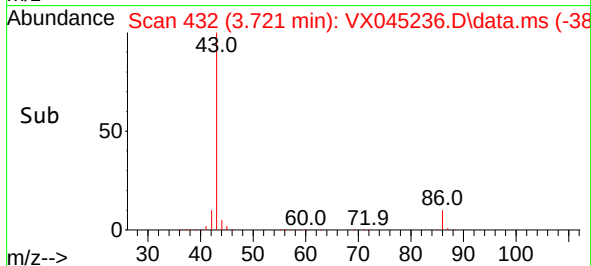
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



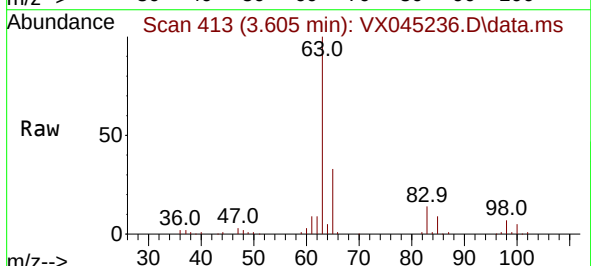
Tgt Ion: 43 Resp: 844079
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1

Manual Integrations
 APPROVED

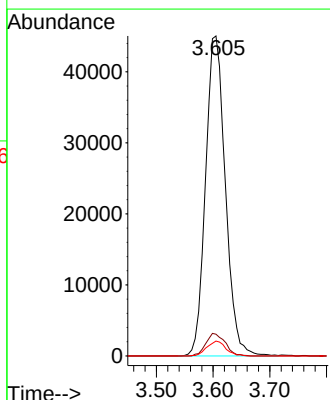
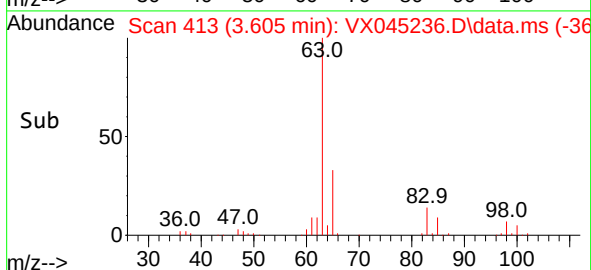
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

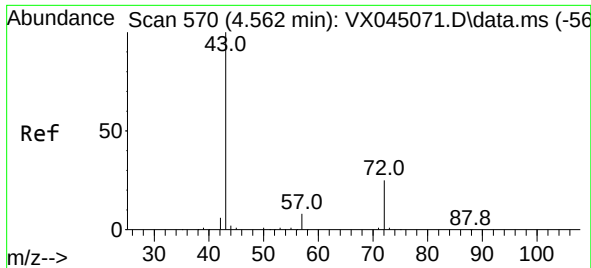


#24
 1,1-Dichloroethane
 Concen: 47.429 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045236.D
 Acq: 11 Mar 2025 19:49



Tgt Ion: 63 Resp: 109431
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.7 2.1 6.5





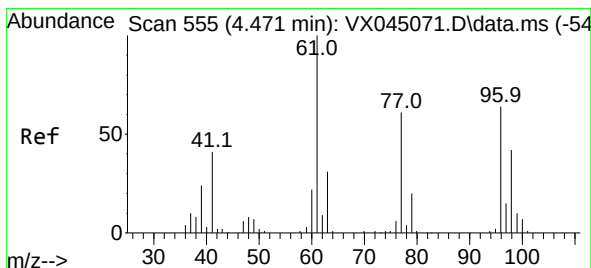
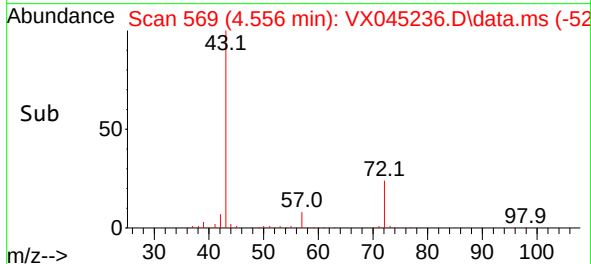
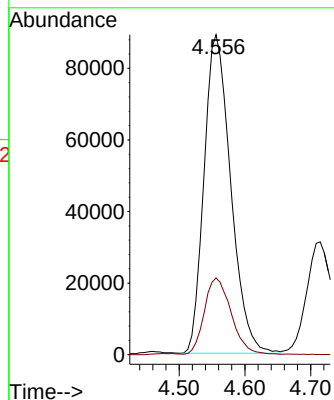
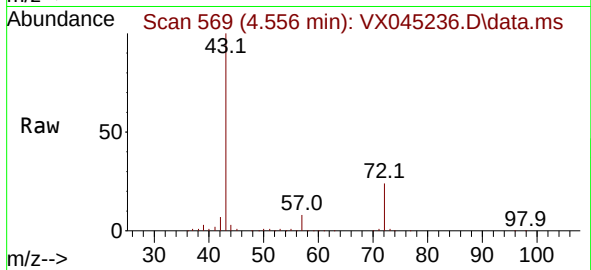
#25
2-Butanone
Concen: 244.195 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 251056
Ion Ratio Lower Upper
43 100
72 23.9 20.0 30.0

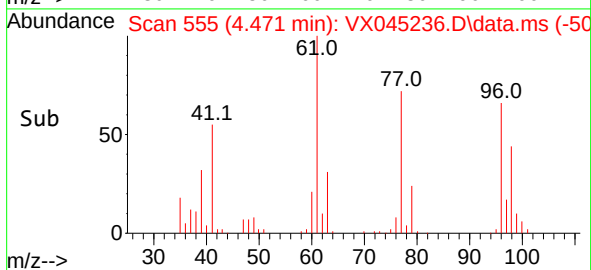
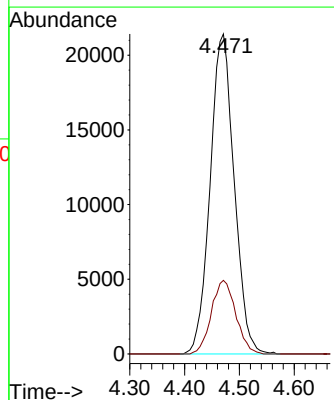
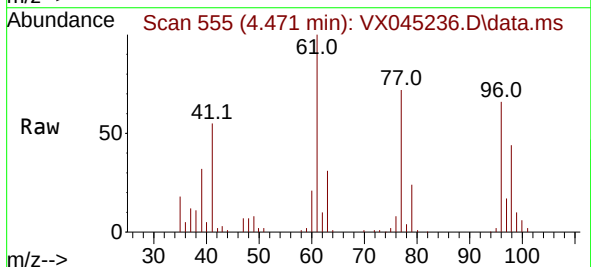
Manual Integrations
APPROVED

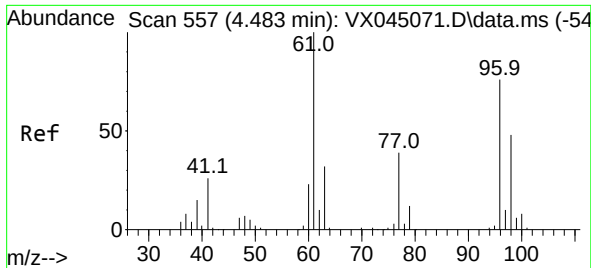
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#26
2,2-Dichloropropane
Concen: 60.305 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 77 Resp: 65263
Ion Ratio Lower Upper
77 100
97 23.3 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 47.873 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 6639

Ion Ratio Lower Upper

96 100

61 147.7 0.0 283.2

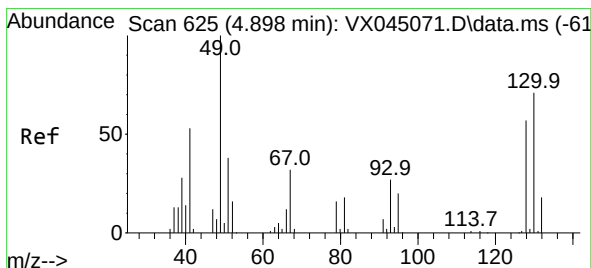
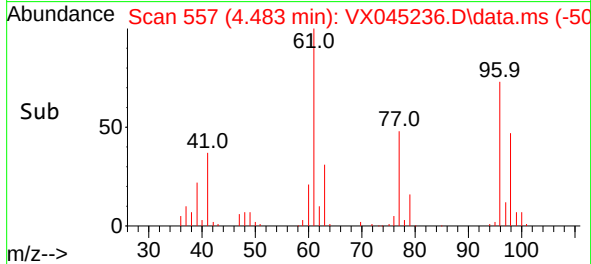
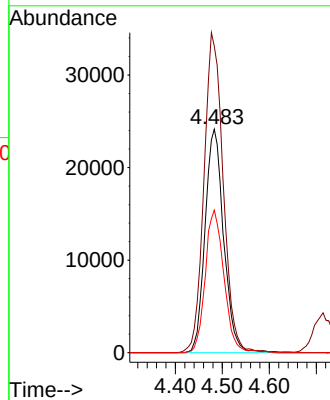
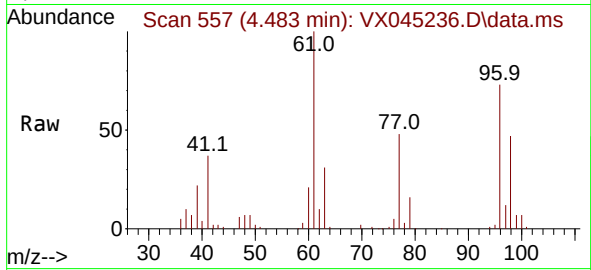
98 64.0 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#28

Bromochloromethane

Concen: 47.718 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

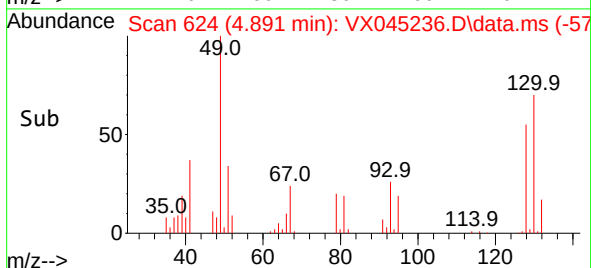
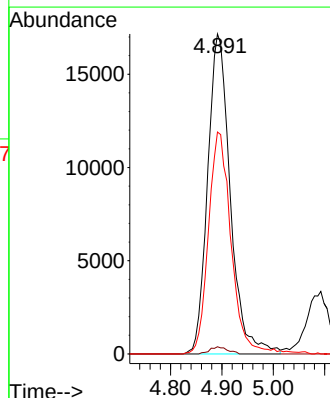
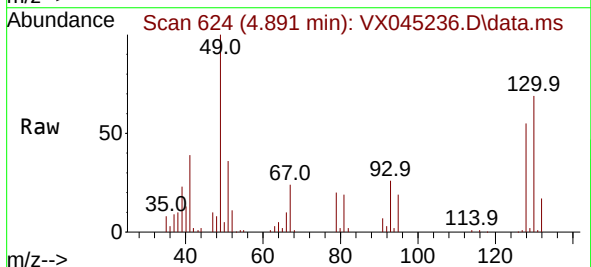
Tgt Ion: 49 Resp: 52477

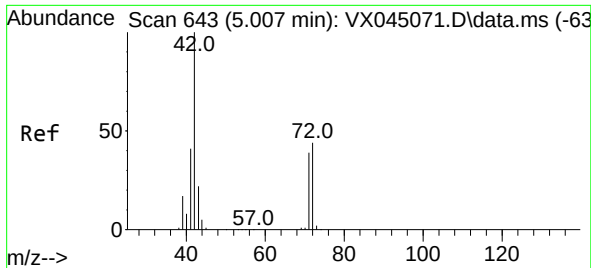
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.4

130 69.6 56.1 84.1





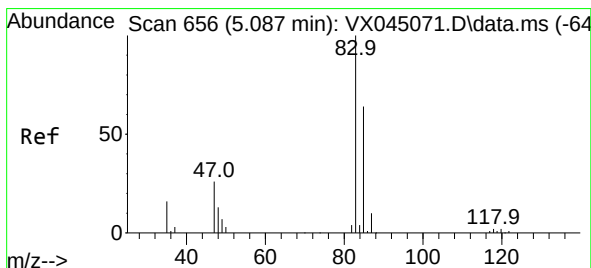
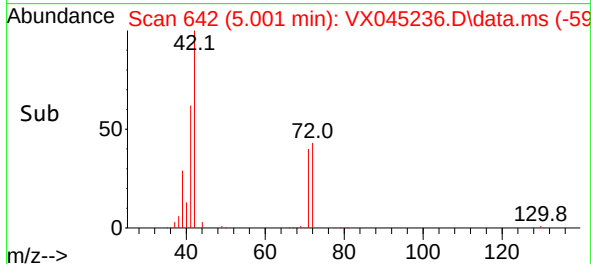
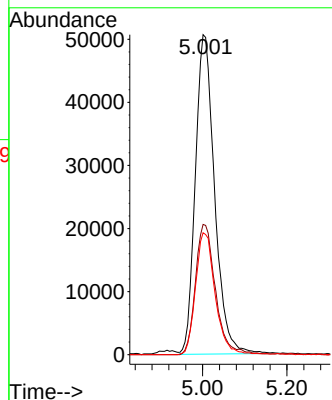
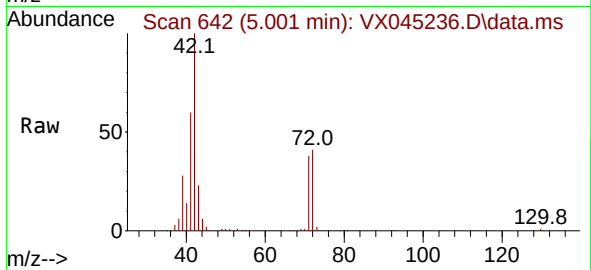
#29
Tetrahydrofuran
Concen: 233.669 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 161329
Ion Ratio Lower Upper
42 100
72 42.4 34.1 51.1
71 38.8 31.4 47.0

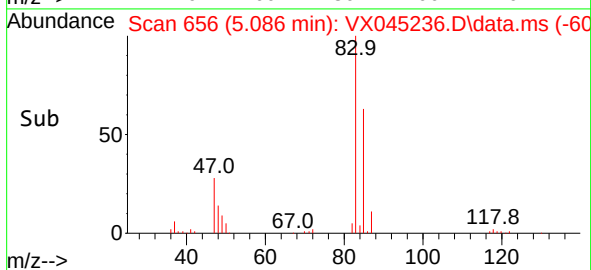
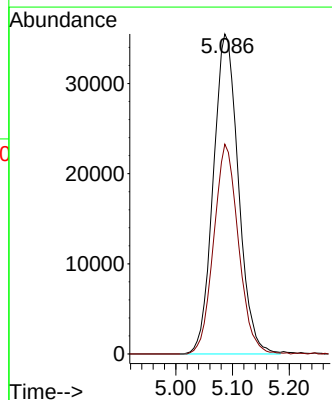
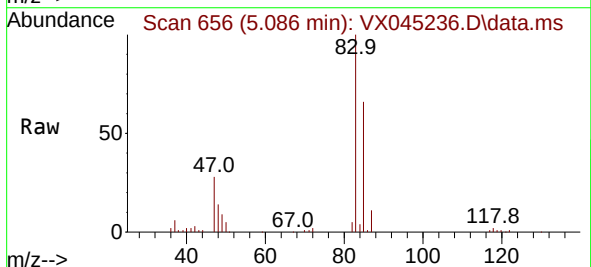
Manual Integrations
APPROVED

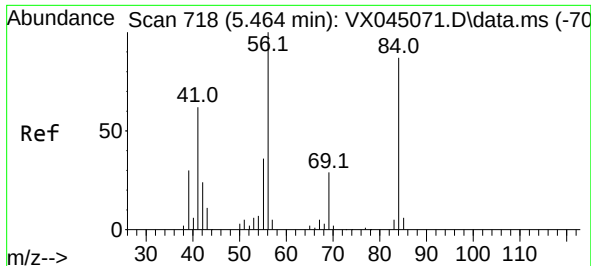
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#30
Chloroform
Concen: 47.688 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 83 Resp: 109326
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.2





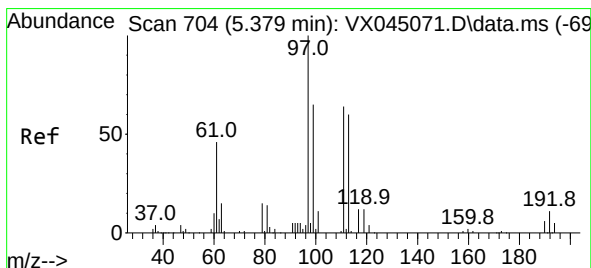
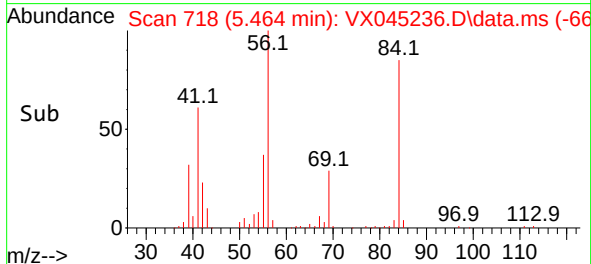
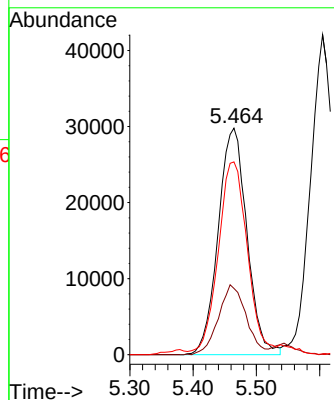
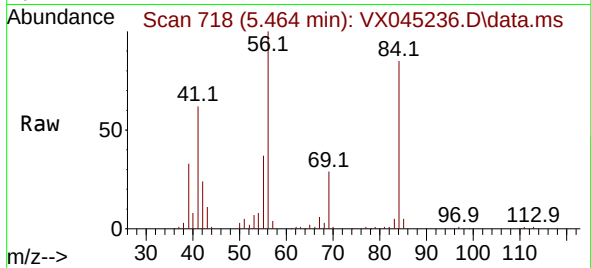
#31
Cyclohexane
Concen: 46.852 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 9383
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 82.9 69.4 104.2

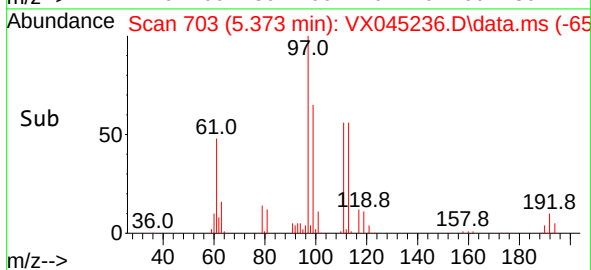
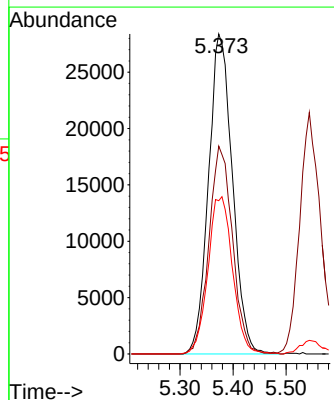
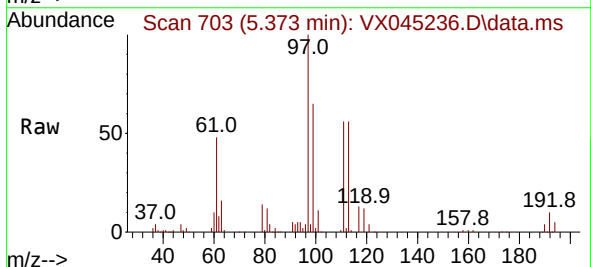
Manual Integrations
APPROVED

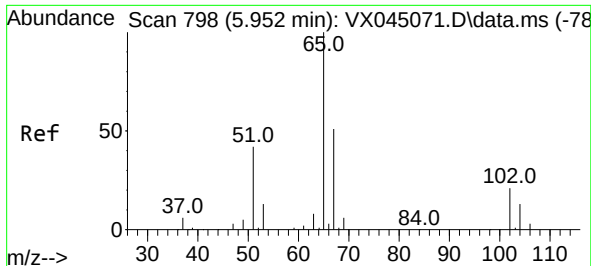
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#32
1,1,1-Trichloroethane
Concen: 47.964 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 97 Resp: 88809
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 50.7 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 45.363 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 66778

Ion Ratio Lower Upper

65 100

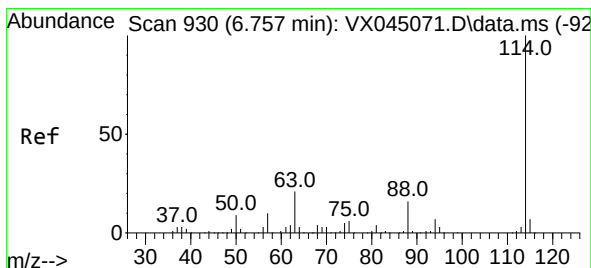
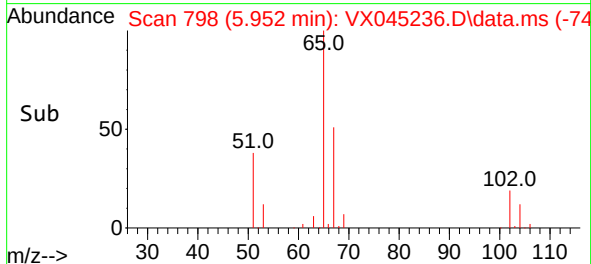
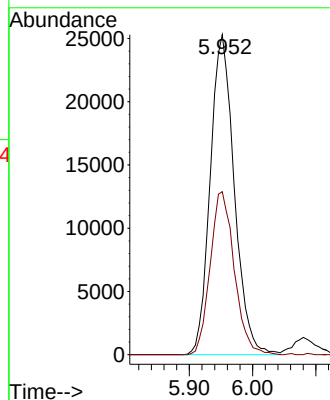
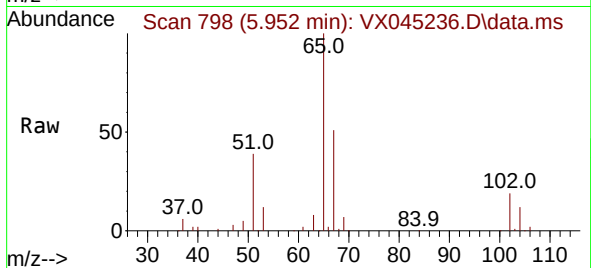
67 51.1 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

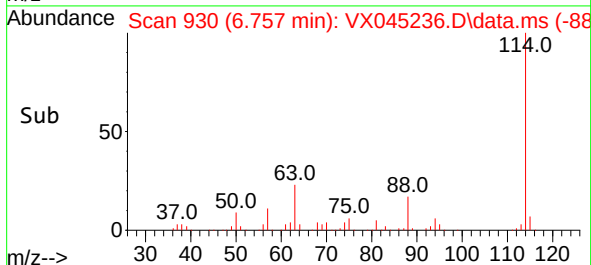
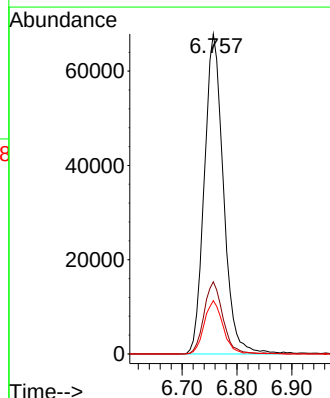
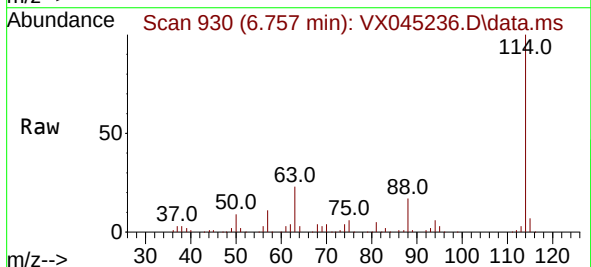
Tgt Ion:114 Resp: 163844

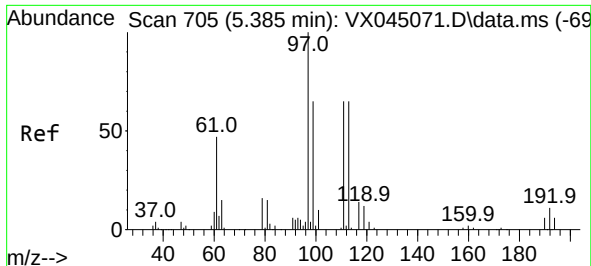
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

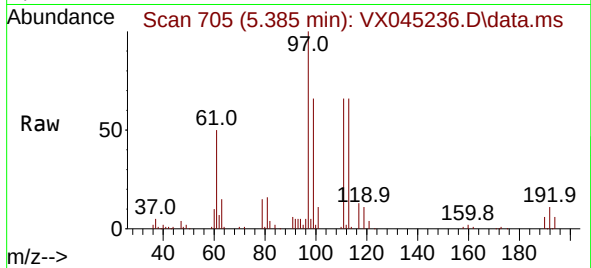
88 16.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 46.280 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

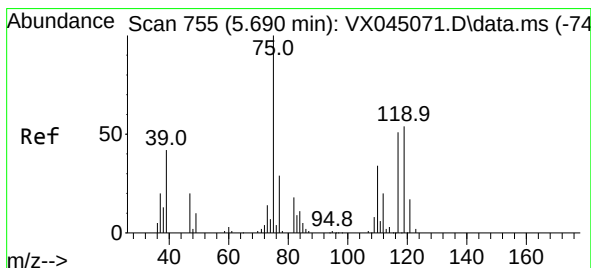
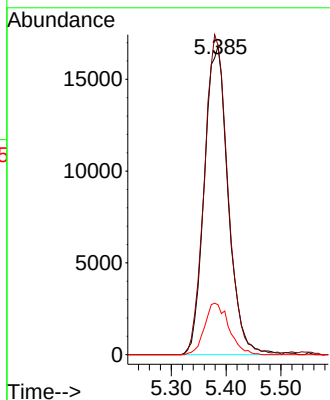
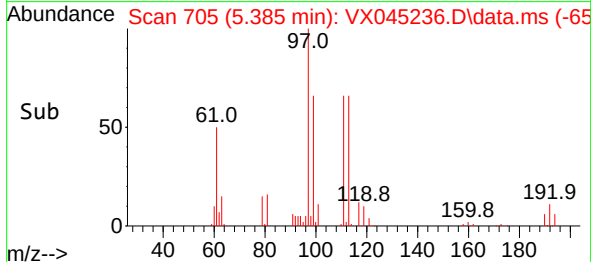
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 5070
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 17.0 14.3 21.5

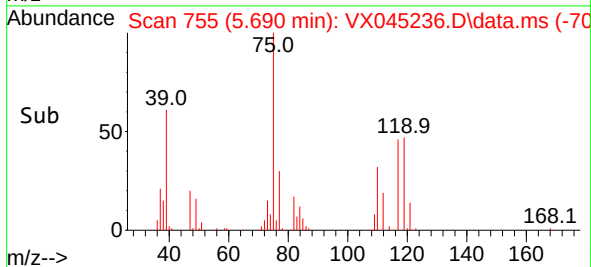
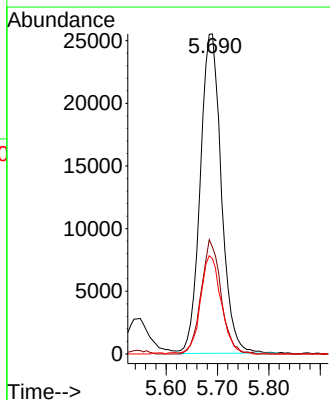
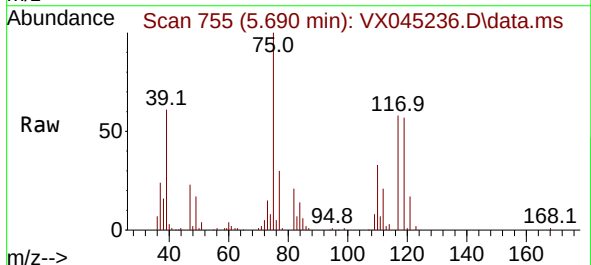
Manual Integrations
APPROVED

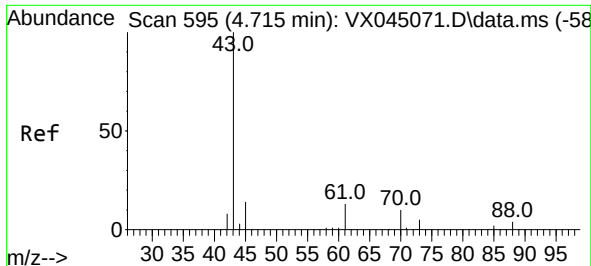
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#36
1,1-Dichloropropene
Concen: 48.325 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

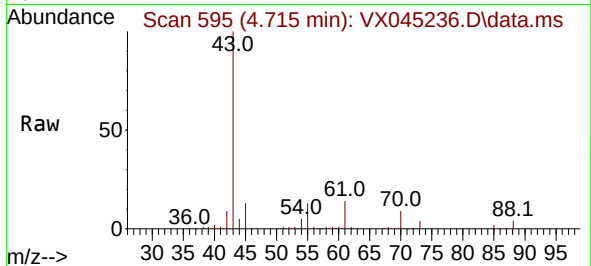
Tgt Ion: 75 Resp: 72608
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.6
77 30.5 24.5 36.7





#37
Ethyl Acetate
Concen: 48.257 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

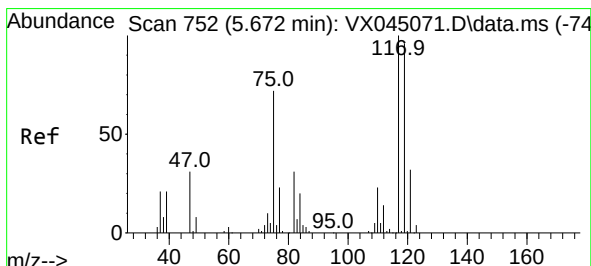
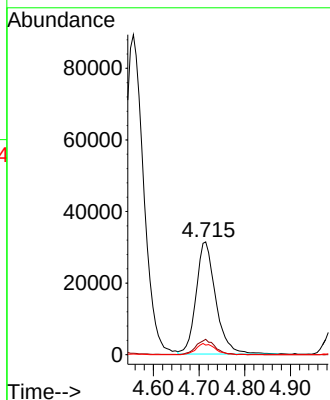
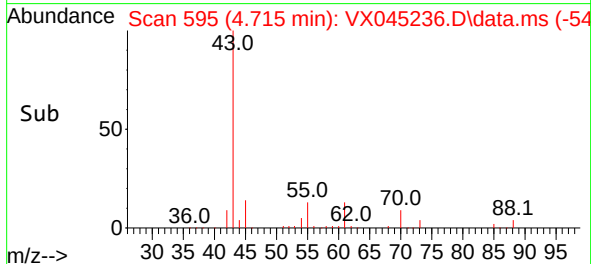
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 93428
Ion Ratio Lower Upper
43 100
61 13.1 10.8 16.2
70 9.7 7.7 11.5

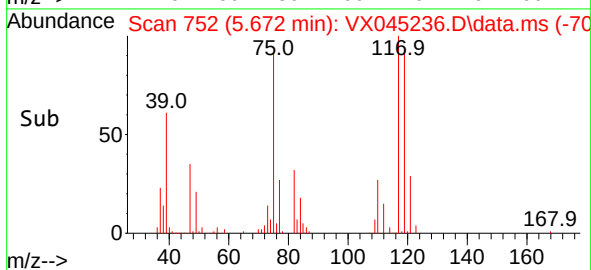
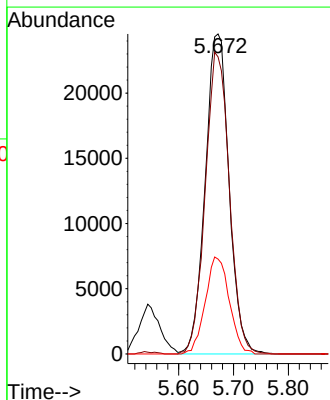
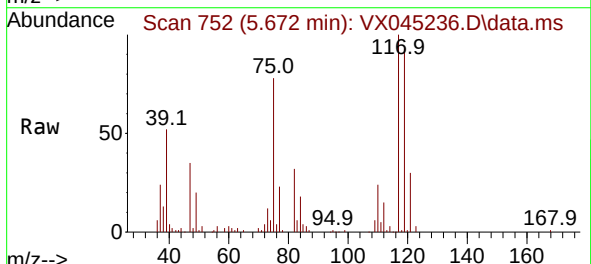
Manual Integrations
APPROVED

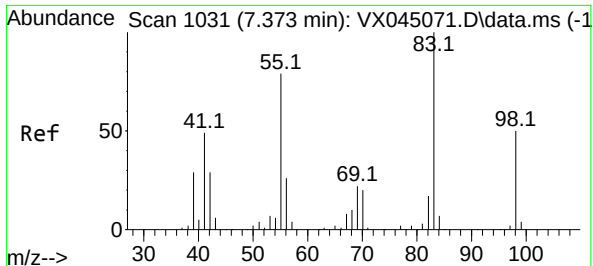
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#38
Carbon Tetrachloride
Concen: 48.524 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion:117 Resp: 74018
Ion Ratio Lower Upper
117 100
119 92.8 76.7 115.1
121 29.6 25.5 38.3





#39

Methylcyclohexane

Concen: 49.918 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 89869

Ion Ratio Lower Upper

83 100

55 80.5 63.0 94.4

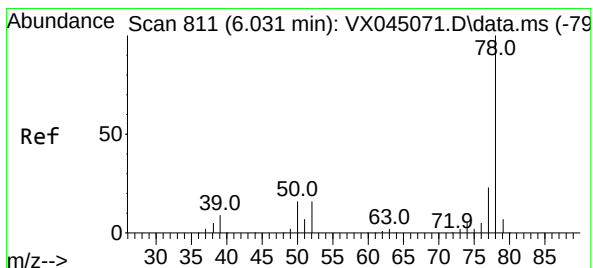
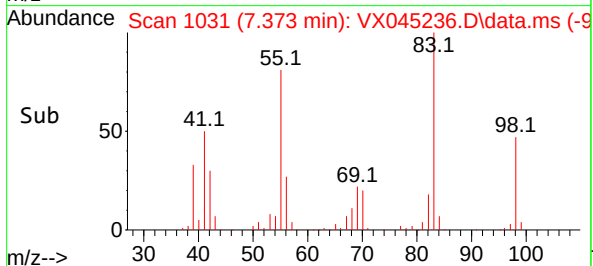
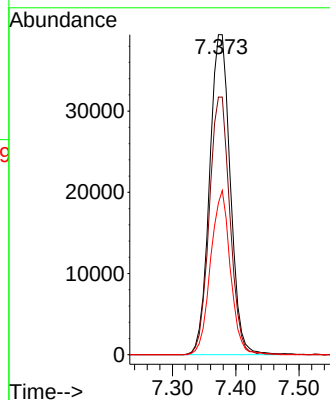
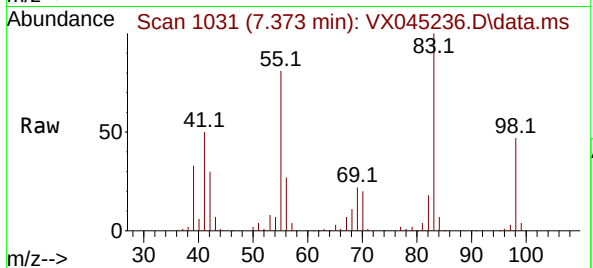
98 47.4 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#40

Benzene

Concen: 48.279 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045236.D

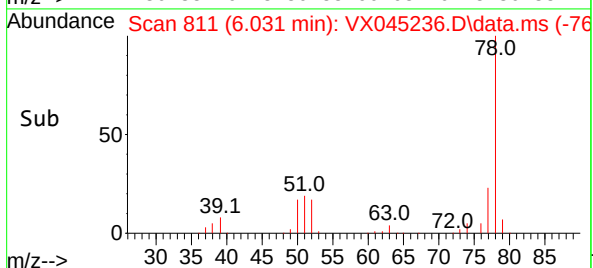
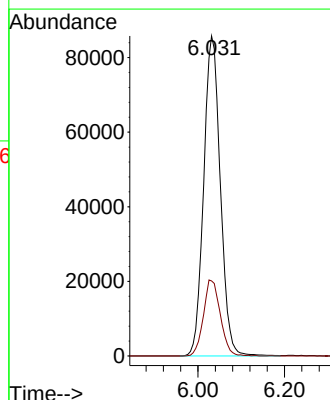
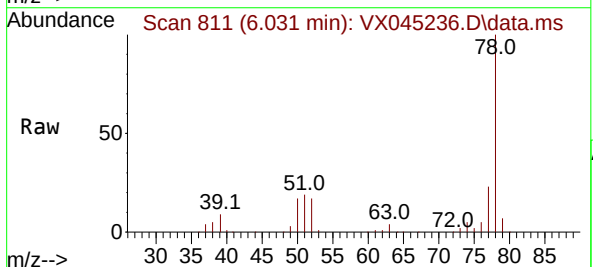
Acq: 11 Mar 2025 19:49

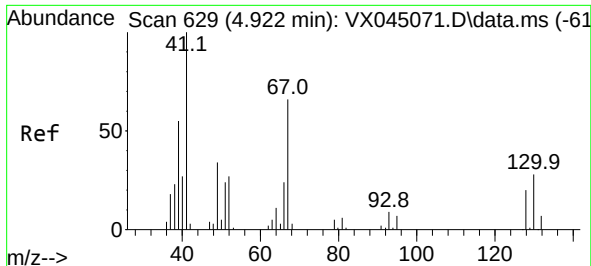
Tgt Ion: 78 Resp: 229062

Ion Ratio Lower Upper

78 100

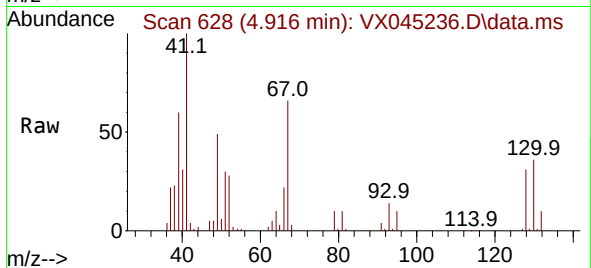
77 23.5 18.8 28.2





#41
Methacrylonitrile
Concen: 50.825 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

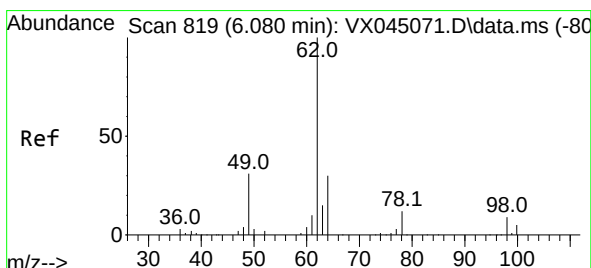
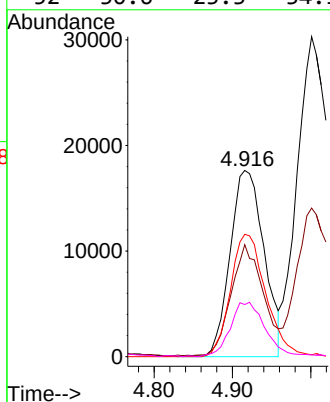
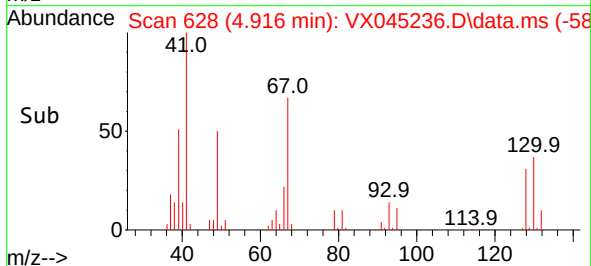
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 53200
Ion Ratio Lower Upper
41 100
39 56.0 44.6 67.0
67 68.5 53.9 80.9
52 30.6 23.3 34.9

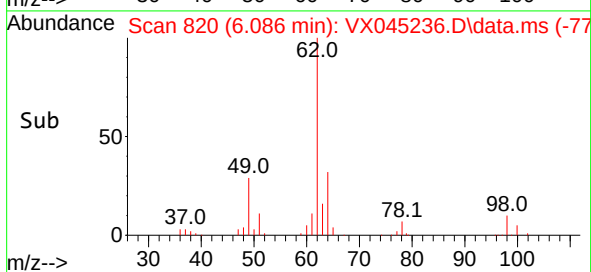
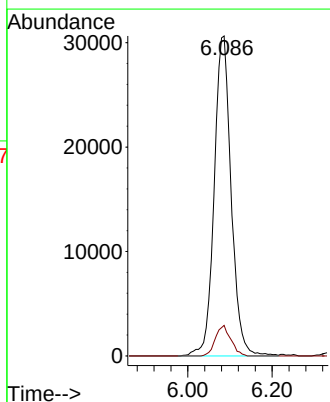
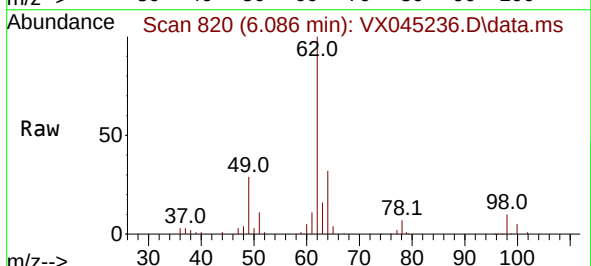
Manual Integrations
APPROVED

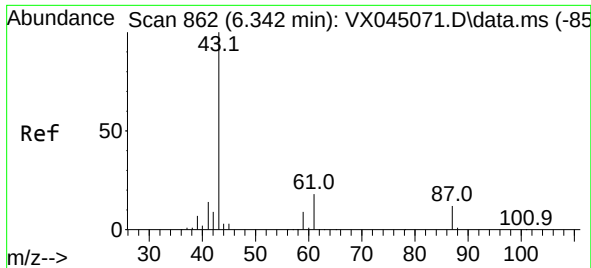
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#42
1,2-Dichloroethane
Concen: 50.114 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

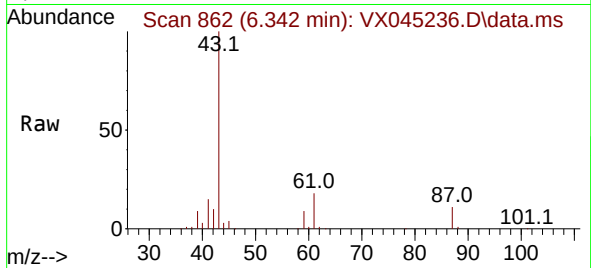
Tgt Ion: 62 Resp: 85619
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.2





#43
Isopropyl Acetate
Concen: 50.354 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

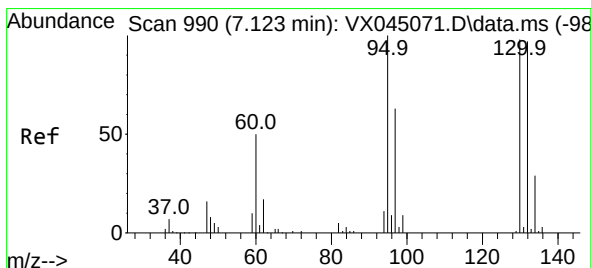
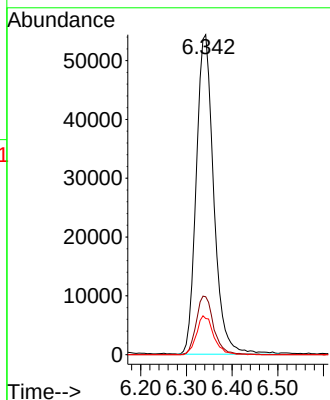
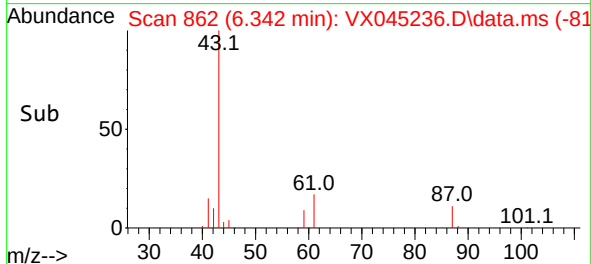
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 144150
Ion Ratio Lower Upper
43 100
61 18.3 14.9 22.3
87 11.9 9.4 14.2

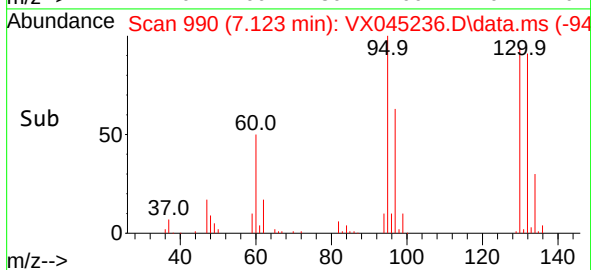
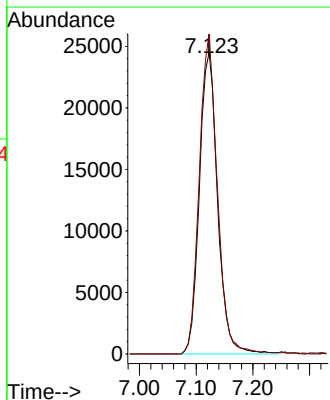
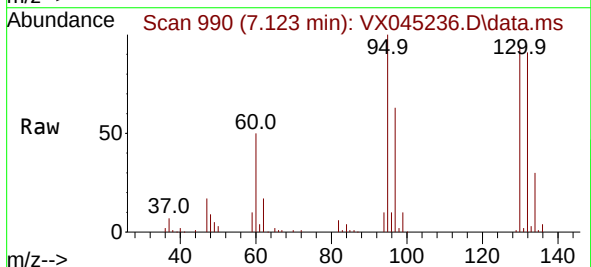
Manual Integrations
APPROVED

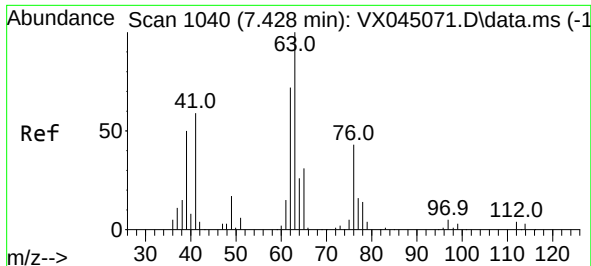
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#44
Trichloroethene
Concen: 48.992 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion:130 Resp: 54580
Ion Ratio Lower Upper
130 100
95 106.2 0.0 205.0





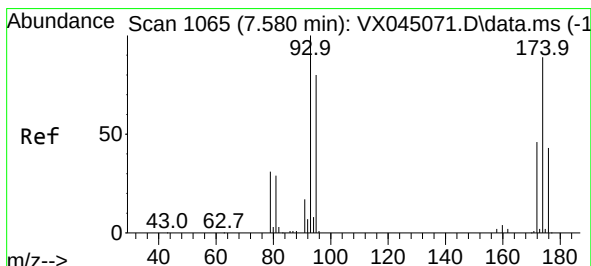
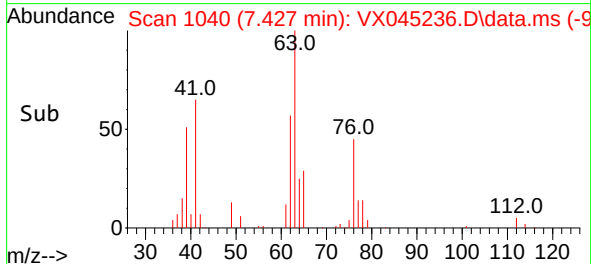
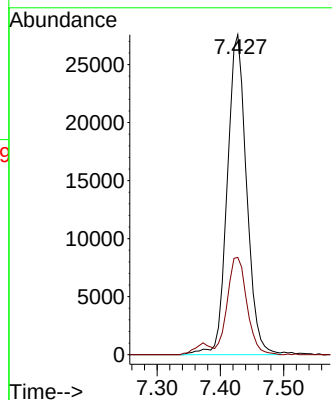
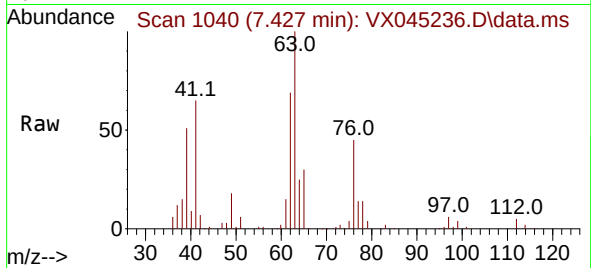
#45
1,2-Dichloropropane
Concen: 47.849 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 58369
Ion Ratio Lower Upper
63 100
65 30.4 24.7 37.1

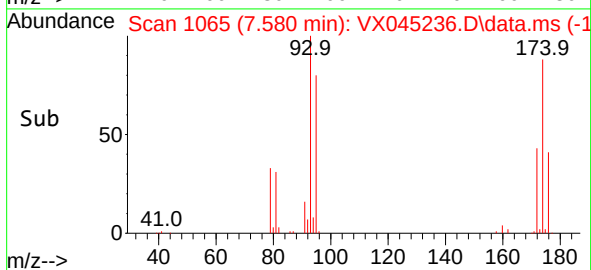
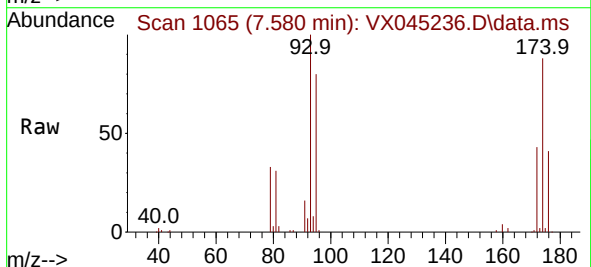
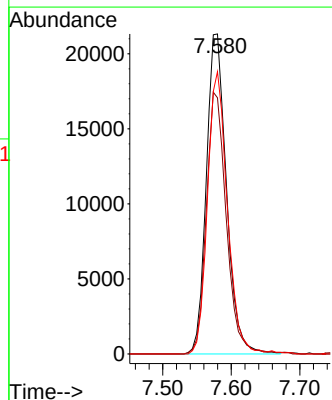
Manual Integrations
APPROVED

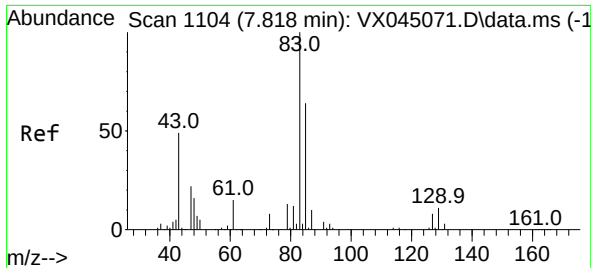
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#46
Dibromomethane
Concen: 50.517 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 93 Resp: 43556
Ion Ratio Lower Upper
93 100
95 81.6 65.8 98.8
174 86.9 72.2 108.2





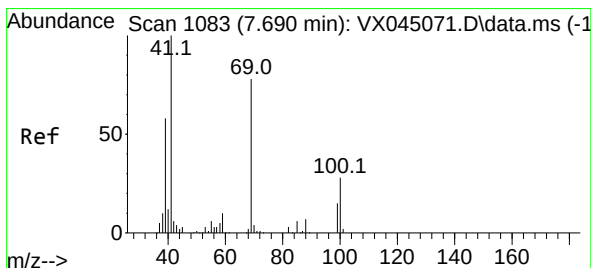
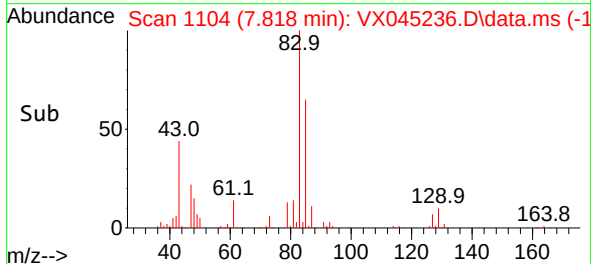
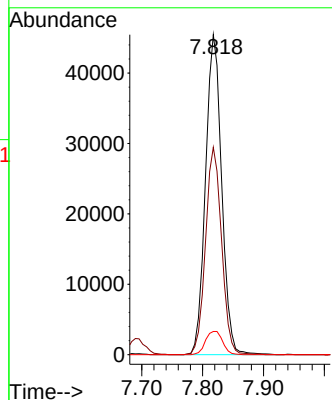
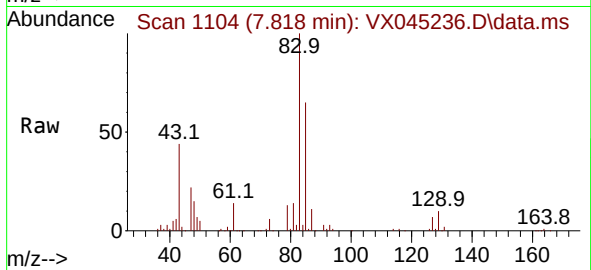
#47
Bromodichloromethane
Concen: 49.493 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 83702
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7
127 7.2 6.4 9.6

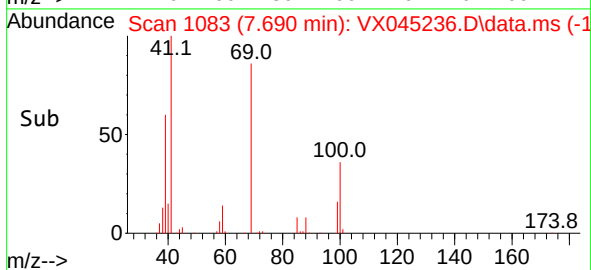
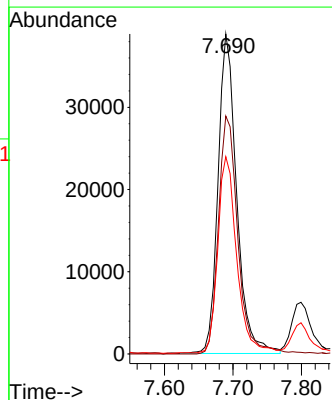
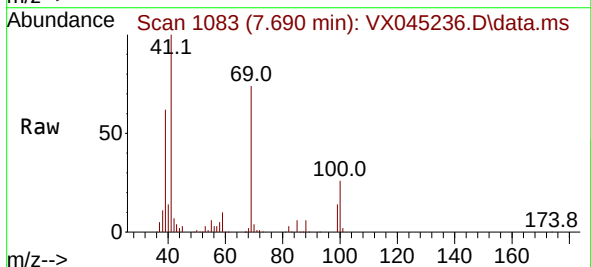
Manual Integrations
APPROVED

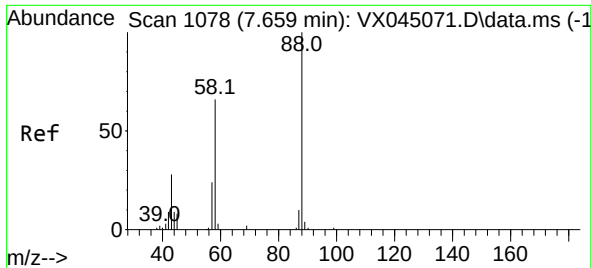
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#48
Methyl methacrylate
Concen: 50.982 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 41 Resp: 73223
Ion Ratio Lower Upper
41 100
69 78.4 63.0 94.6
39 62.1 47.5 71.3





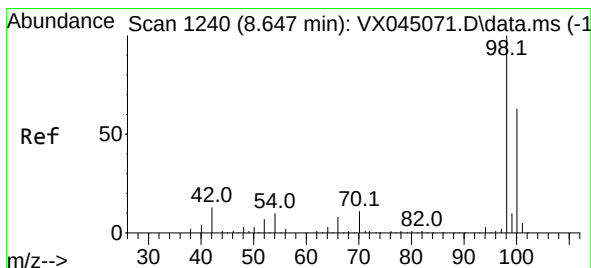
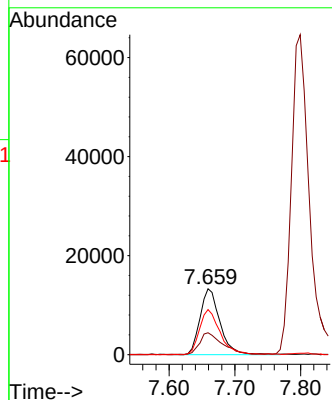
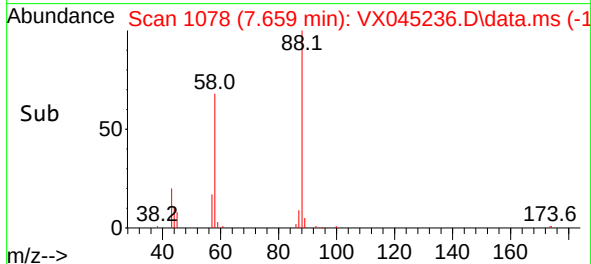
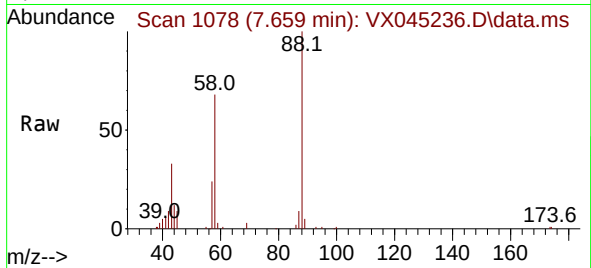
#49
1,4-Dioxane
Concen: 921.987 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 2793
Ion Ratio Lower Upper
88 100
43 37.4 28.7 43.1
58 70.6 55.8 83.8

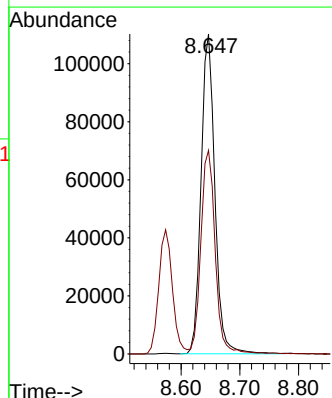
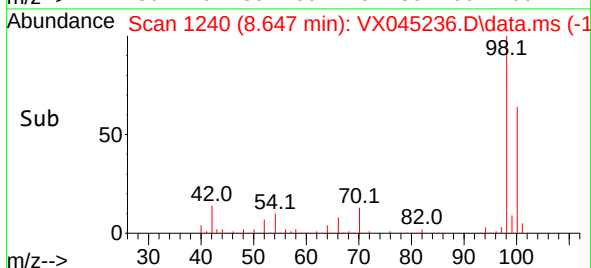
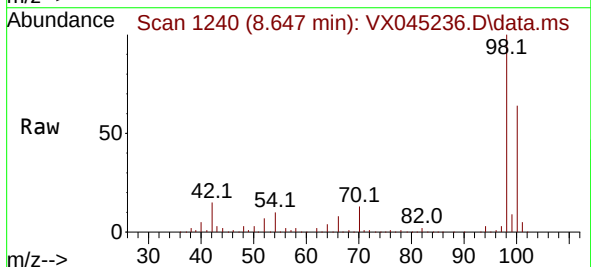
Manual Integrations
APPROVED

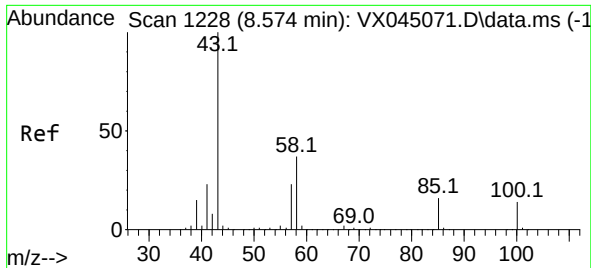
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#50
Toluene-d8
Concen: 45.304 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 98 Resp: 179940
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





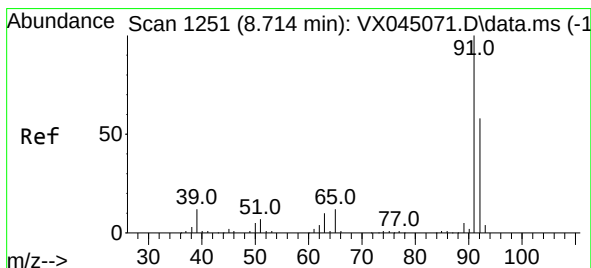
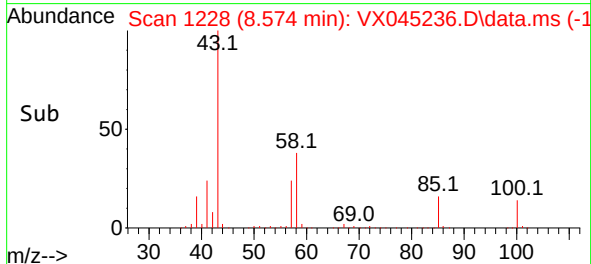
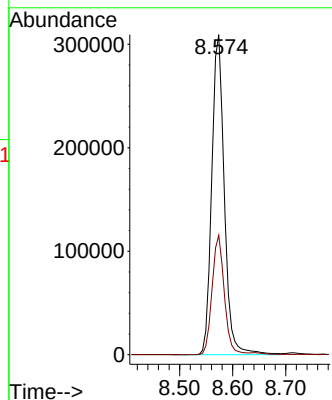
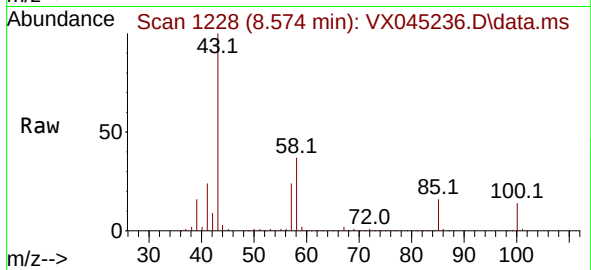
#51
4-Methyl-2-Pentanone
Concen: 265.178 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 50973
Ion Ratio Lower Upper
43 100
58 36.3 29.2 43.8

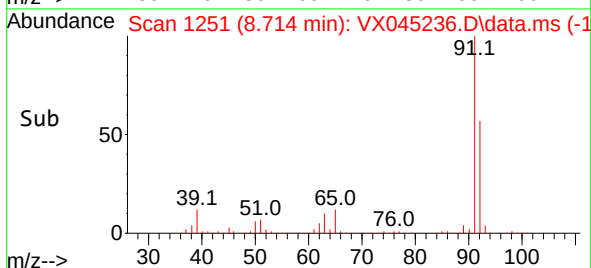
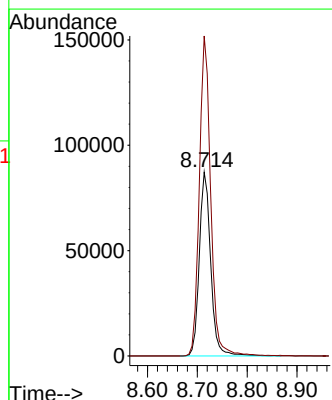
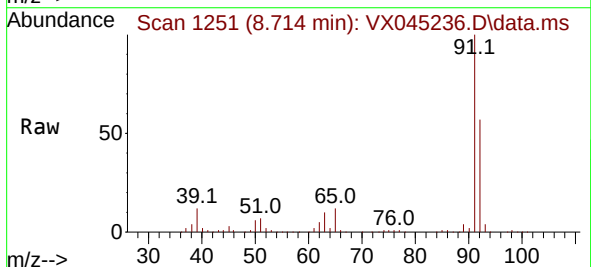
Manual Integrations
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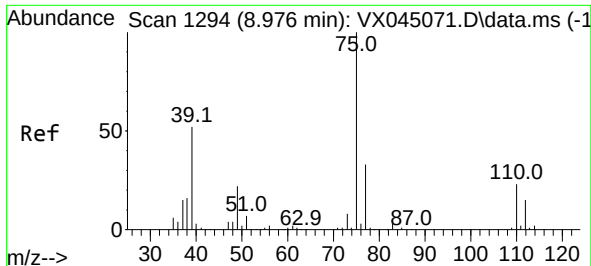
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#52
Toluene
Concen: 49.706 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 92 Resp: 138365
Ion Ratio Lower Upper
92 100
91 173.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 51.776 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 73204

Ion Ratio Lower Upper

75 100

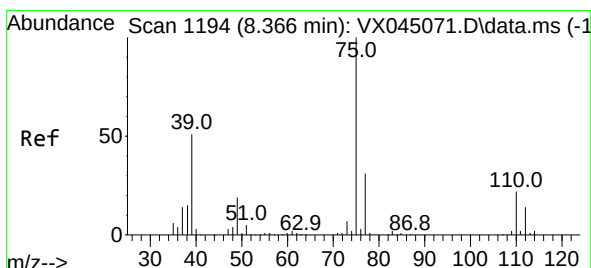
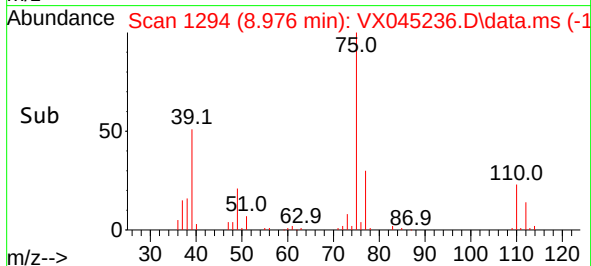
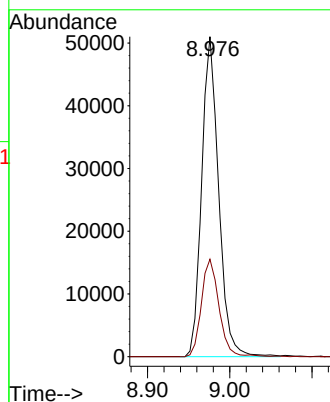
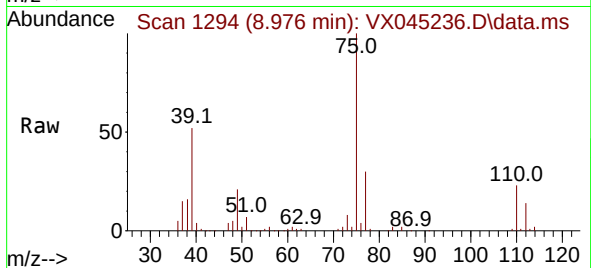
77 30.4 26.5 39.7

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#54

cis-1,3-Dichloropropene

Concen: 51.871 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

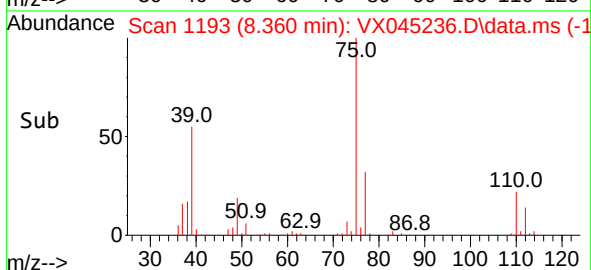
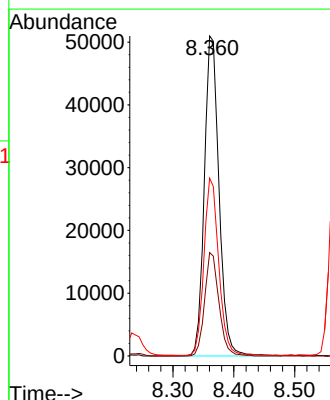
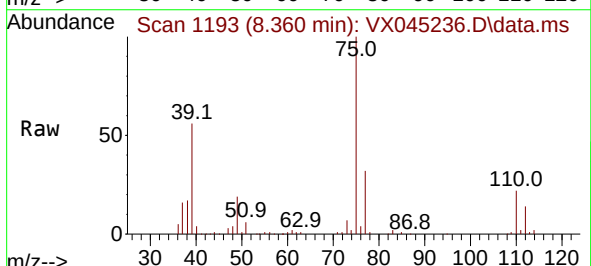
Tgt Ion: 75 Resp: 85519

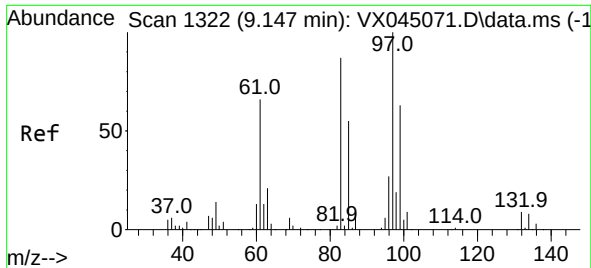
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

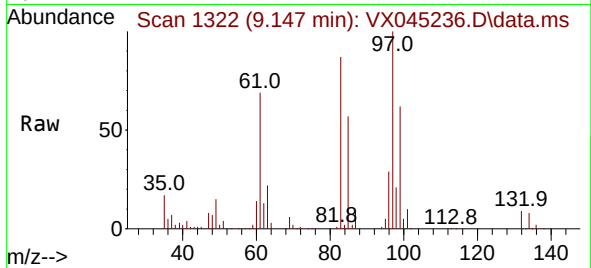
39 55.3 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 48.779 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

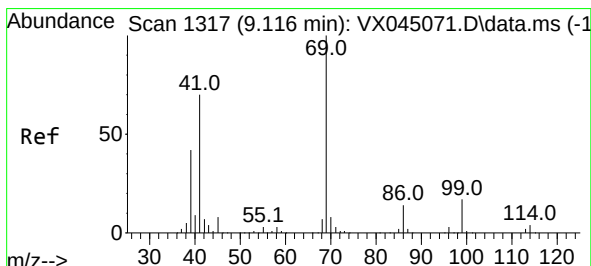
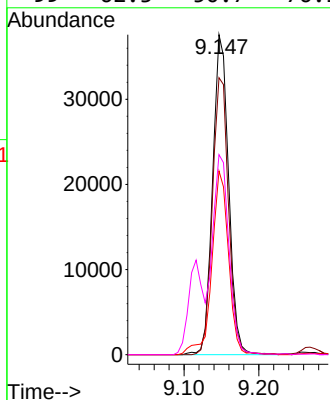
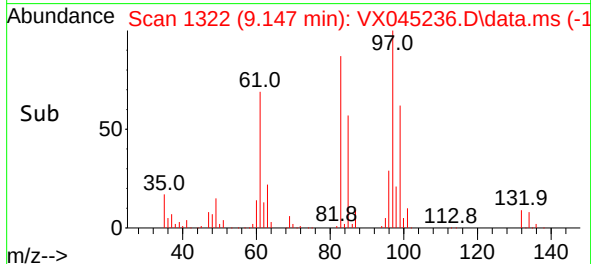


Tgt Ion: 97 Resp: 55900

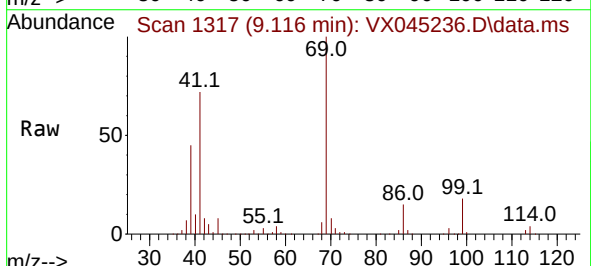
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.4	104.2
85	57.4	44.1	66.1
99	62.3	50.7	76.1

Manual Integrations
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Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

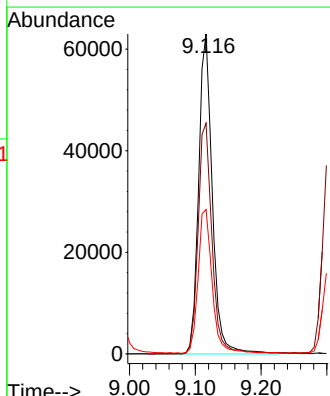
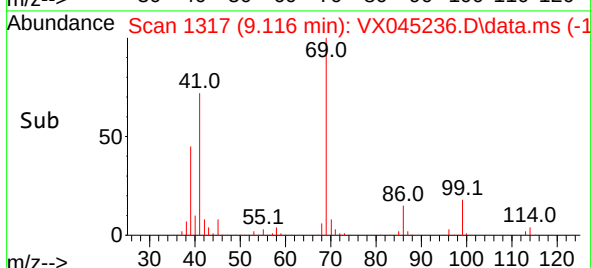


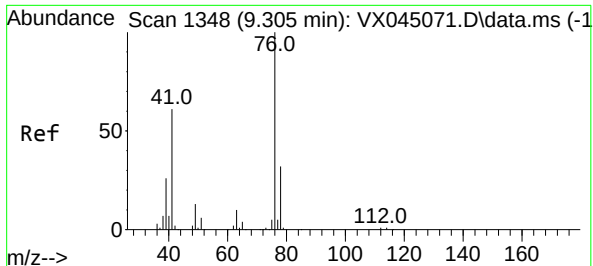
#56
Ethyl methacrylate
Concen: 52.366 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49



Tgt Ion: 69 Resp: 91220

Ion	Ratio	Lower	Upper
69	100		
41	73.8	57.0	85.4
39	46.4	34.2	51.4





#57

1,3-Dichloropropane

Concen: 50.051 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9926

Ion Ratio Lower Upper

76 100

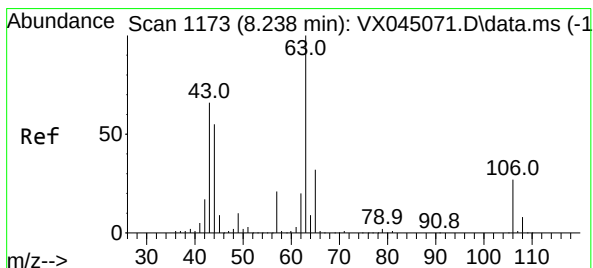
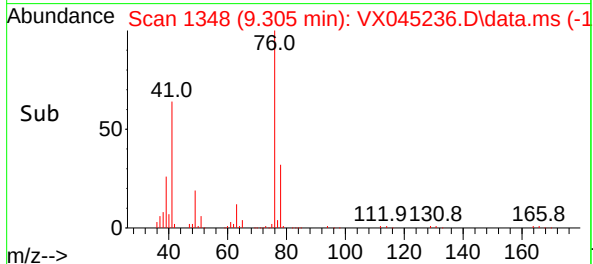
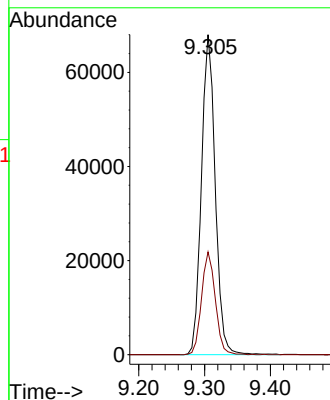
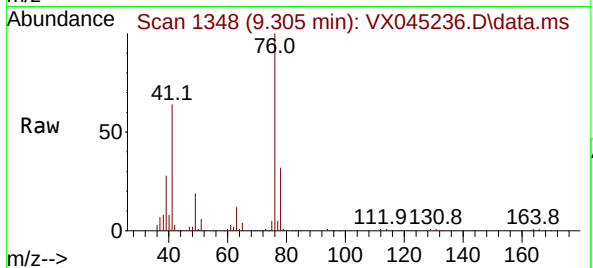
78 32.0 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 279.825 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045236.D

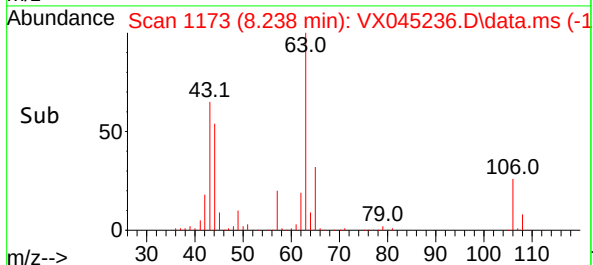
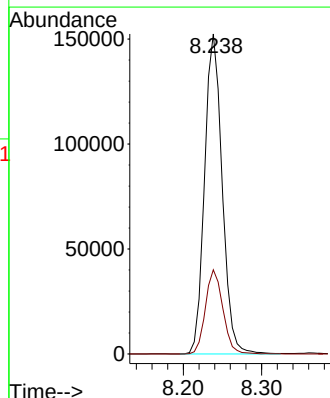
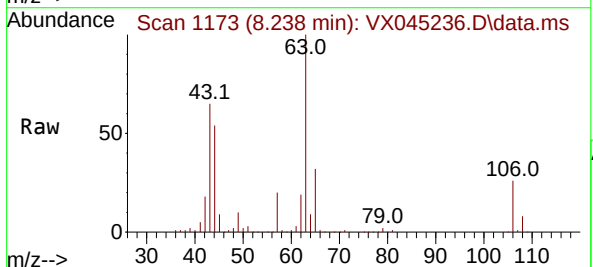
Acq: 11 Mar 2025 19:49

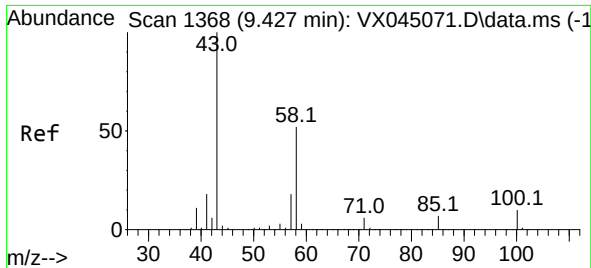
Tgt Ion: 63 Resp: 237779

Ion Ratio Lower Upper

63 100

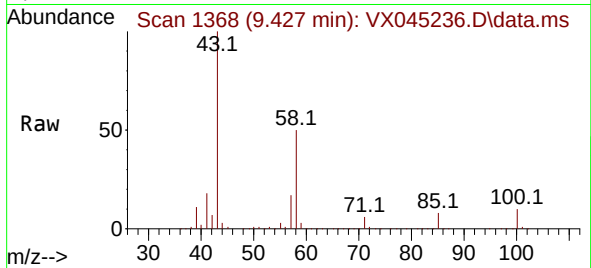
106 26.1 21.5 32.3





#59
2-Hexanone
Concen: 269.459 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

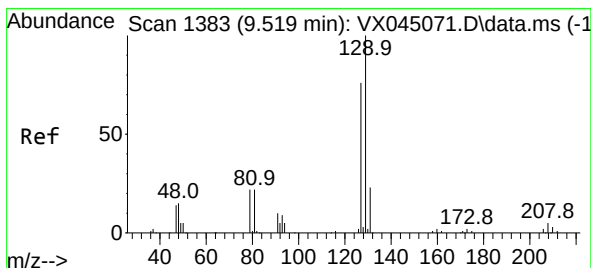
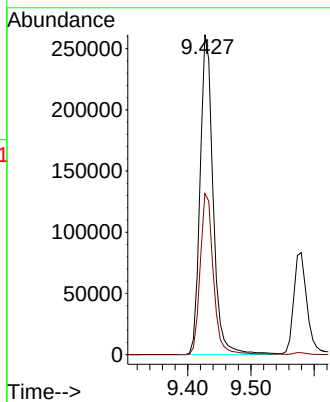
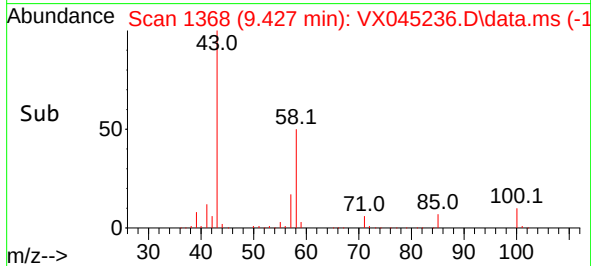
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 375289
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.6

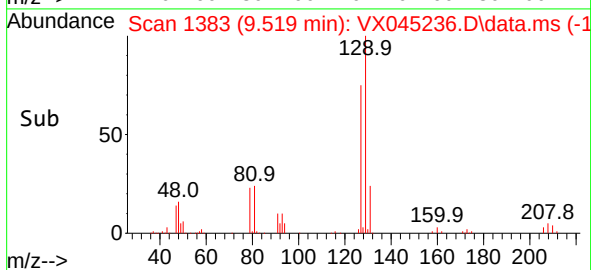
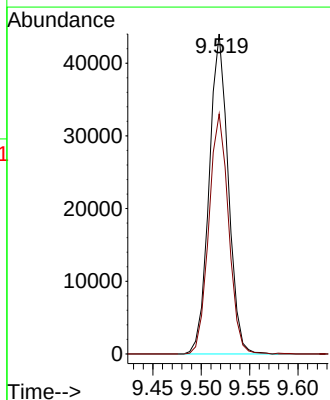
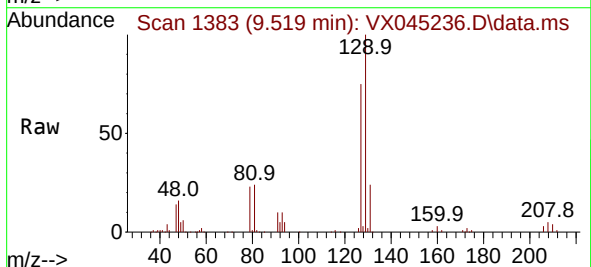
Manual Integrations
APPROVED

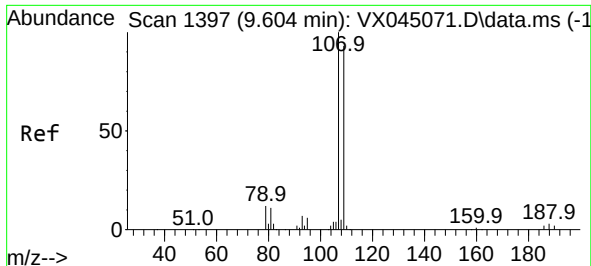
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#60
Dibromochloromethane
Concen: 50.586 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

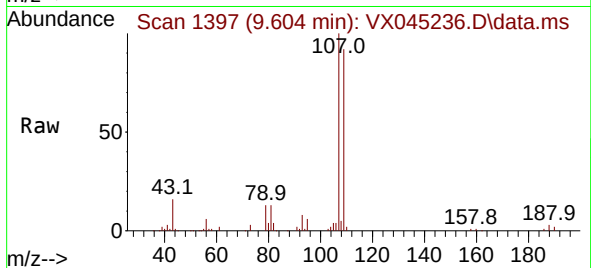
Tgt Ion:129 Resp: 60613
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.904 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

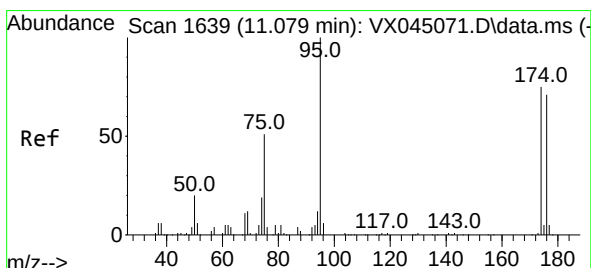
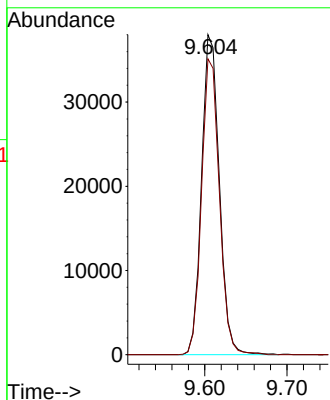
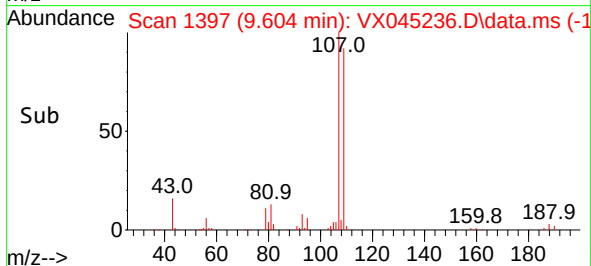
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5709
Ion Ratio Lower Upper
107 100
109 92.8 76.1 114.1

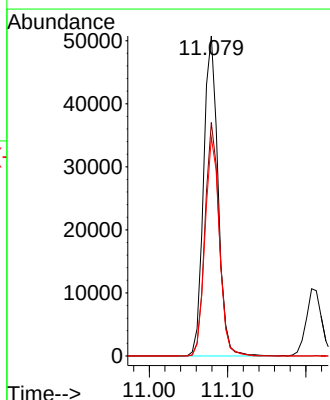
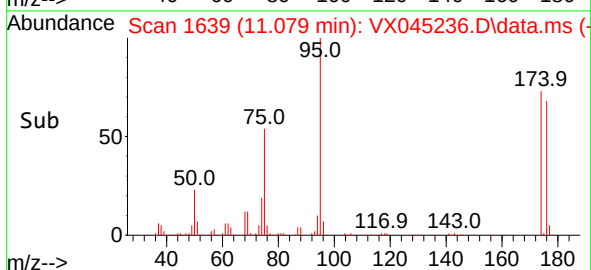
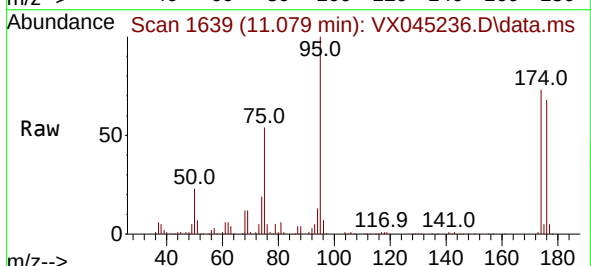
Manual Integrations
APPROVED

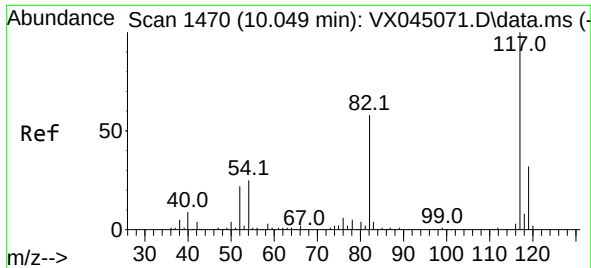
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#62
4-Bromofluorobenzene
Concen: 49.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

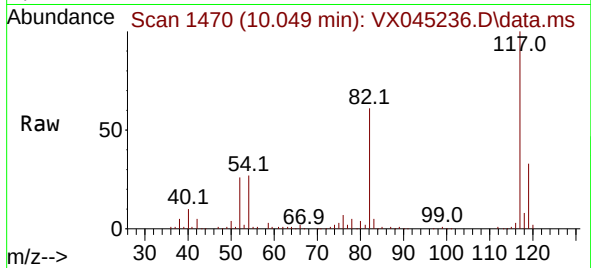
Tgt Ion: 95 Resp: 64822
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.2
176 68.2 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

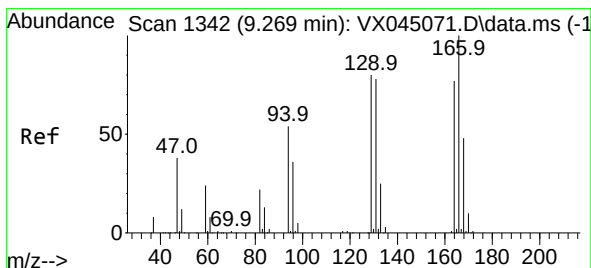
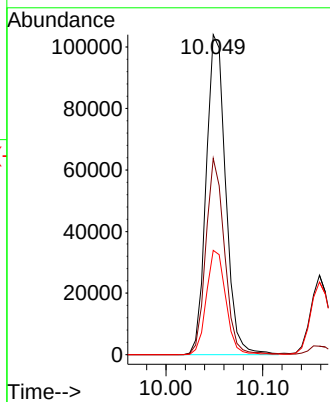
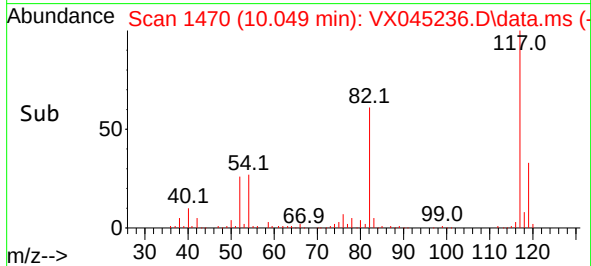
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 145450
Ion Ratio Lower Upper
117 100
82 61.4 46.3 69.5
119 32.6 25.7 38.5

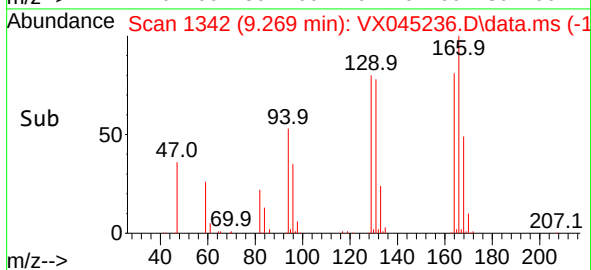
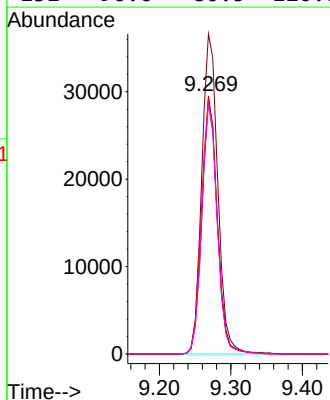
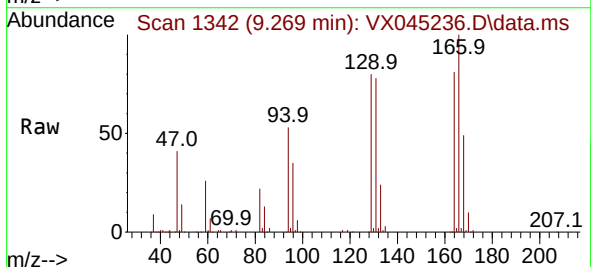
Manual Integrations
APPROVED

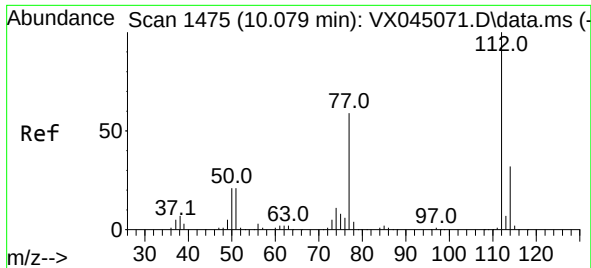
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#64
Tetrachloroethene
Concen: 47.383 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion:164 Resp: 44141
Ion Ratio Lower Upper
164 100
166 124.2 103.6 155.4
129 99.0 82.7 124.1
131 96.6 80.5 120.7





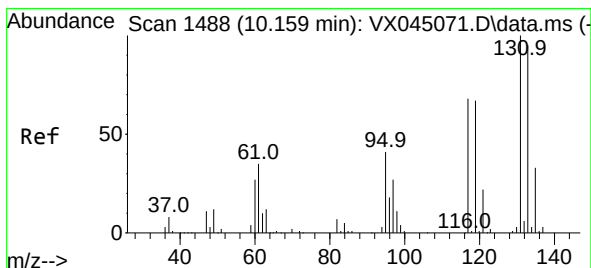
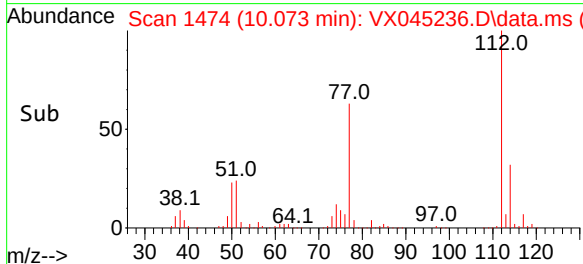
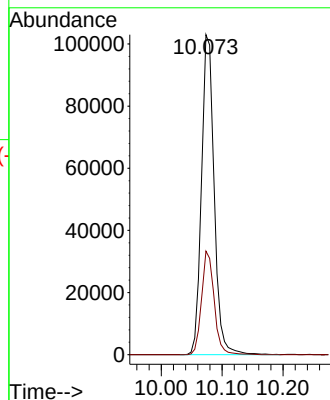
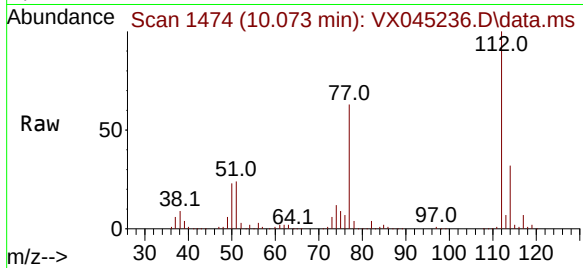
#65
Chlorobenzene
Concen: 48.585 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 149530
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0

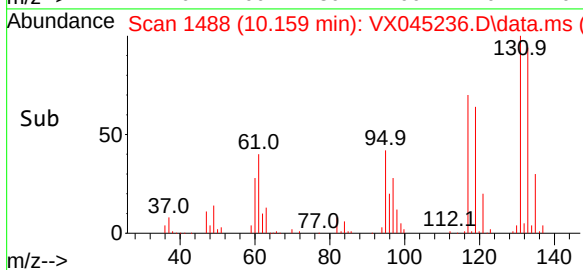
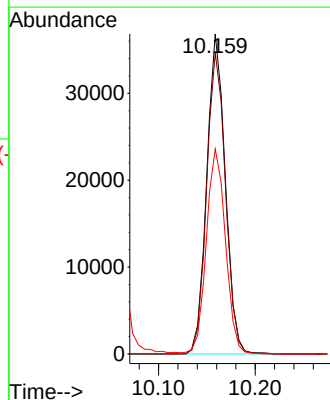
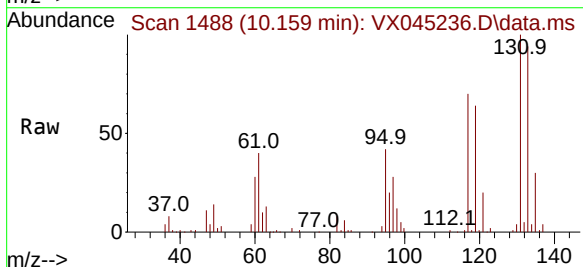
Manual Integrations
APPROVED

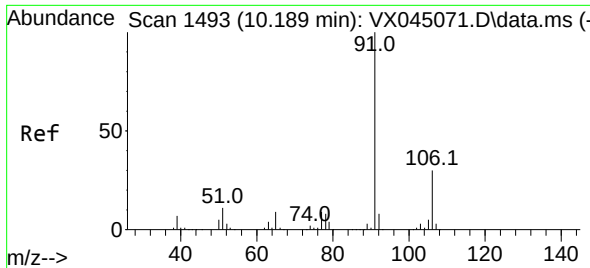
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 47.936 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

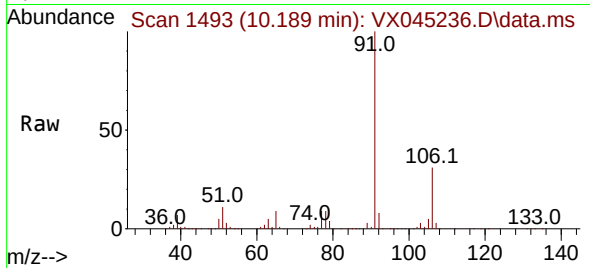
Tgt Ion:131 Resp: 49133
Ion Ratio Lower Upper
131 100
133 95.8 48.6 145.9
119 66.2 33.9 101.7





#67
Ethyl Benzene
Concen: 50.100 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

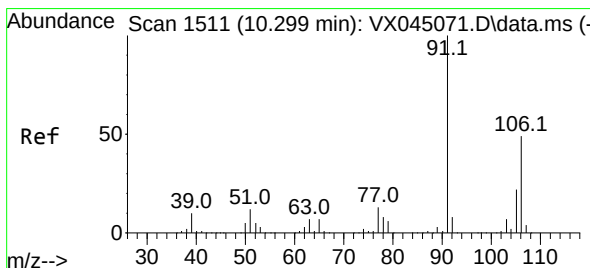
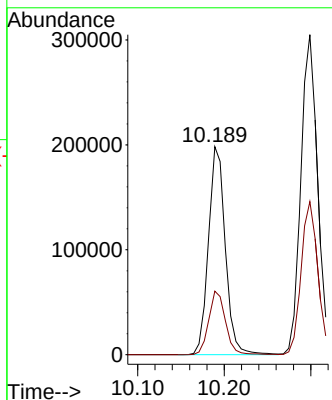
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 268680
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9

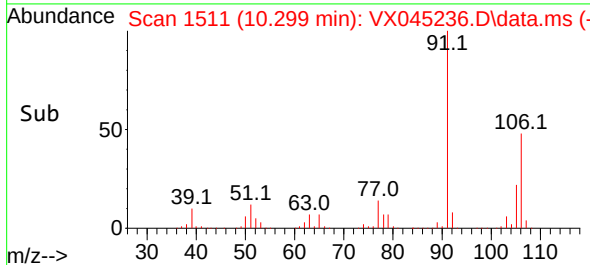
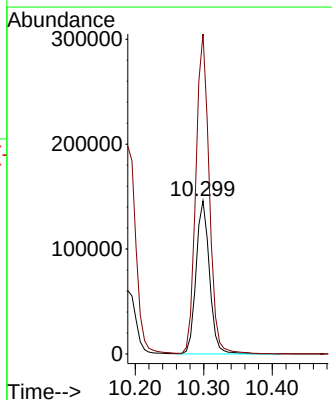
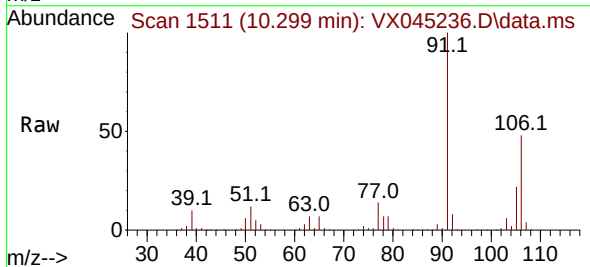
Manual Integrations
APPROVED

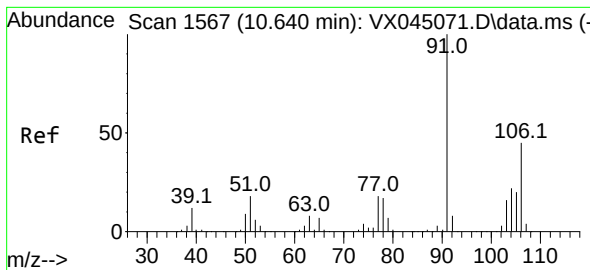
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#68
m/p-Xylenes
Concen: 101.160 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion:106 Resp: 198600
Ion Ratio Lower Upper
106 100
91 209.1 165.4 248.0





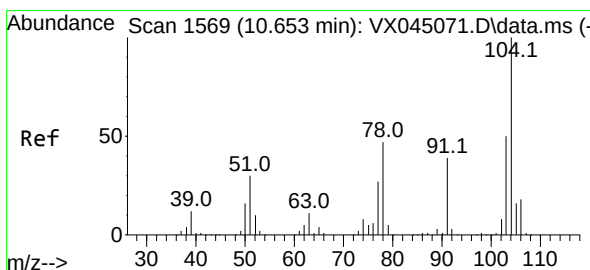
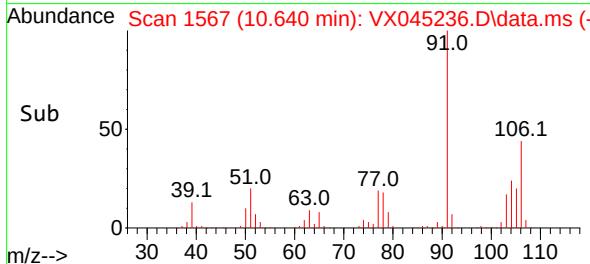
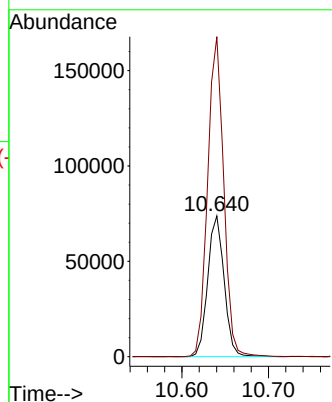
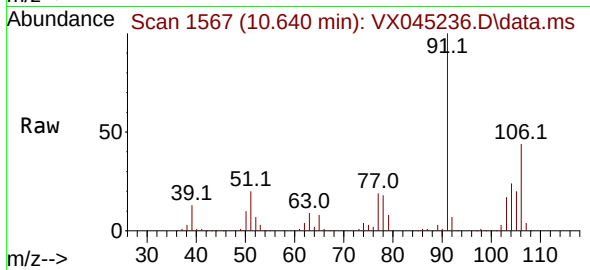
#69
o-Xylene
Concen: 49.018 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 97058
Ion Ratio Lower Upper
106 100
91 222.9 109.9 329.6

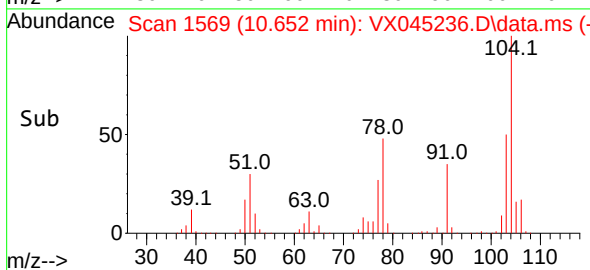
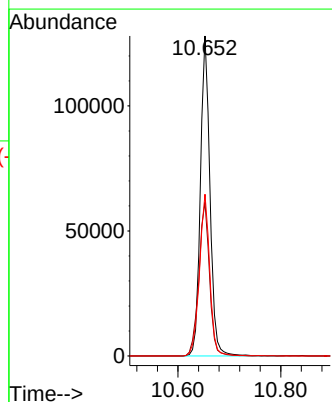
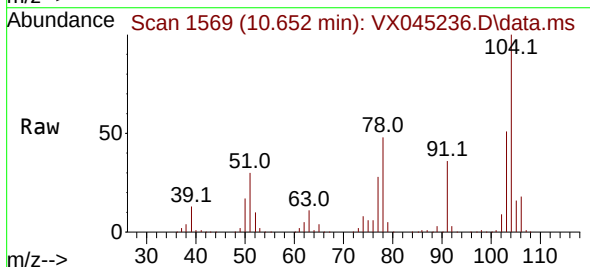
Manual Integrations
APPROVED

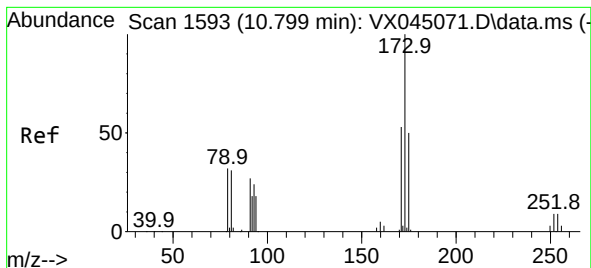
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#70
Styrene
Concen: 51.703 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion:104 Resp: 165647
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 54.6 43.8 65.8





#71

Bromoform

Concen: 50.775 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

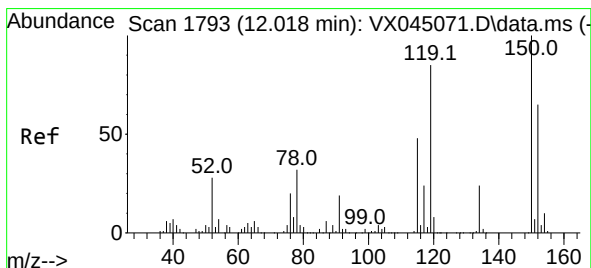
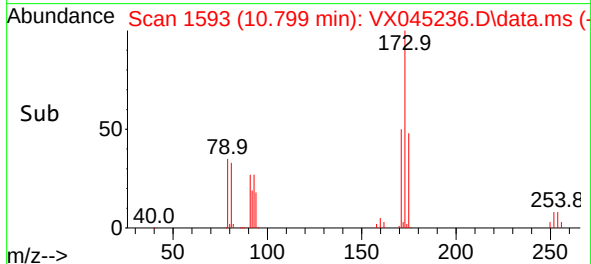
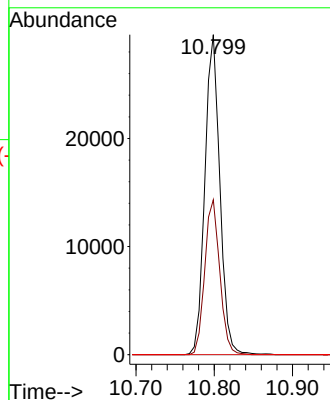
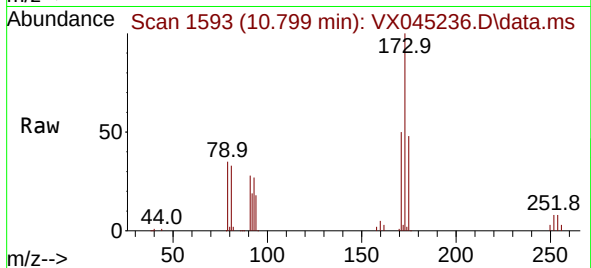
Tgt Ion:173	Resp:	3924
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.6 73.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

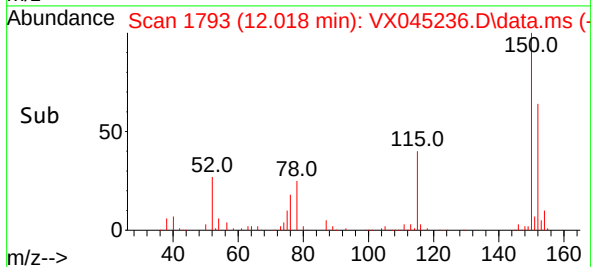
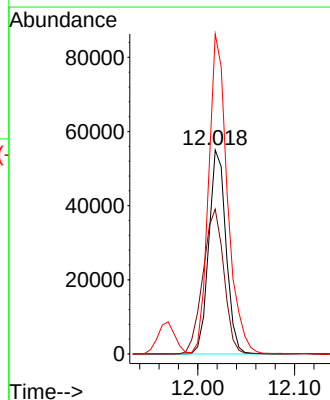
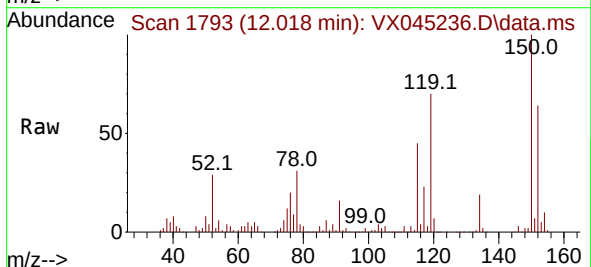
RT: 12.018 min Scan# 1793

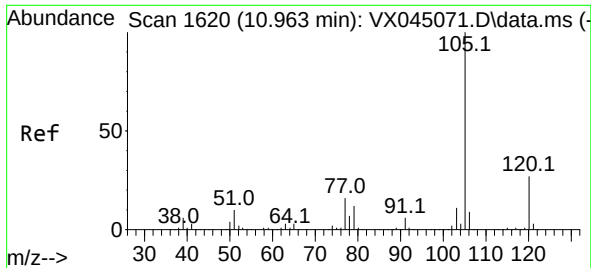
Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

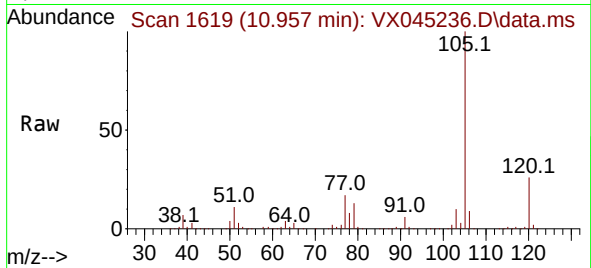
Tgt Ion:152	Resp:	68174
Ion Ratio	Lower	Upper
152	100	
115	86.3	44.2 132.6
150	171.5	0.0 349.0





#73
Isopropylbenzene
Concen: 48.697 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

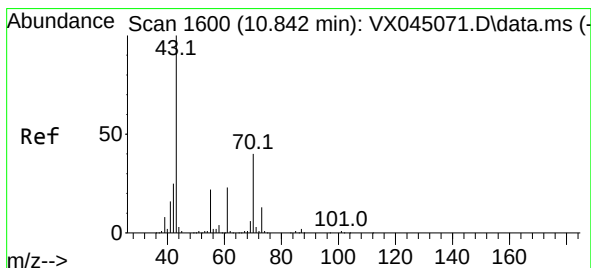
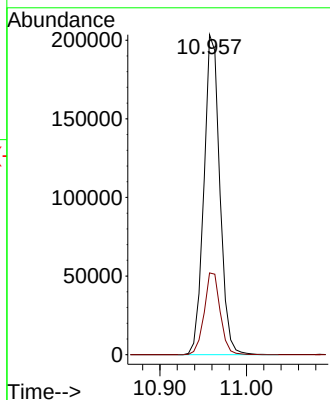
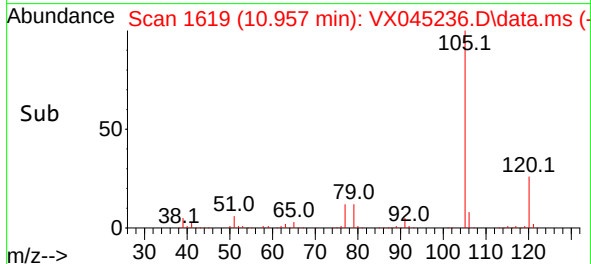
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 259125
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

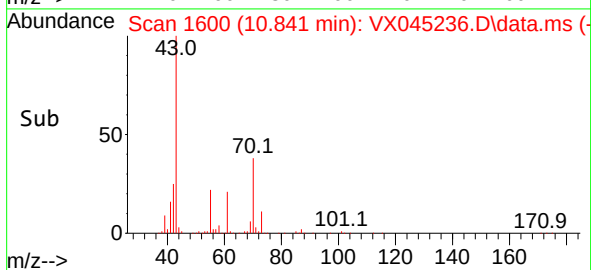
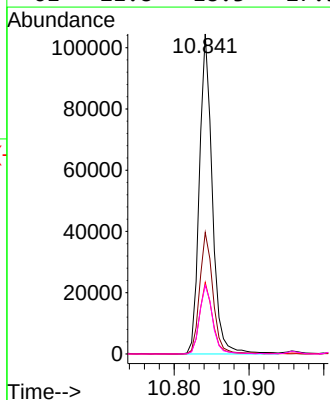
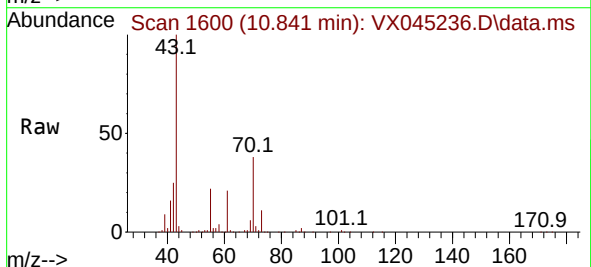
Manual Integrations
APPROVED

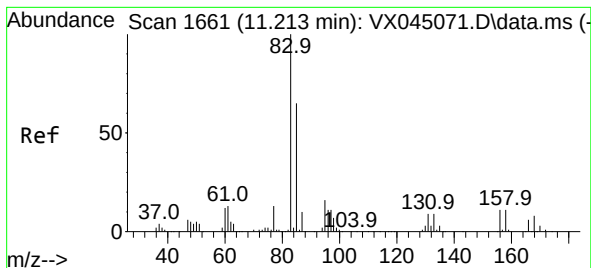
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#74
N-ethyl acetate
Concen: 50.273 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 43 Resp: 125524
Ion Ratio Lower Upper
43 100
70 38.8 31.8 47.6
55 22.5 18.3 27.5
61 21.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.625 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

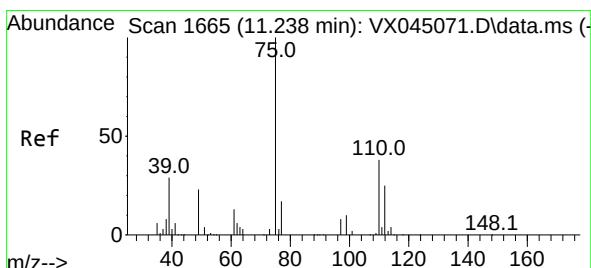
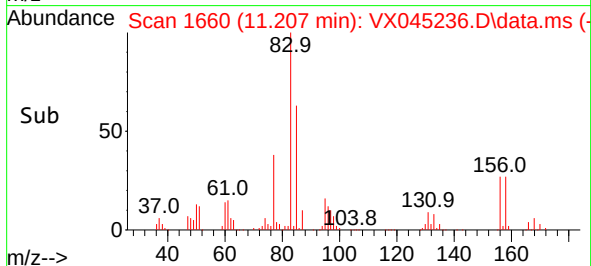
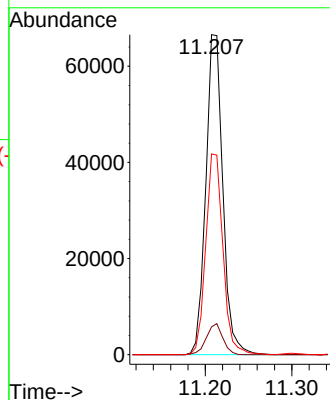
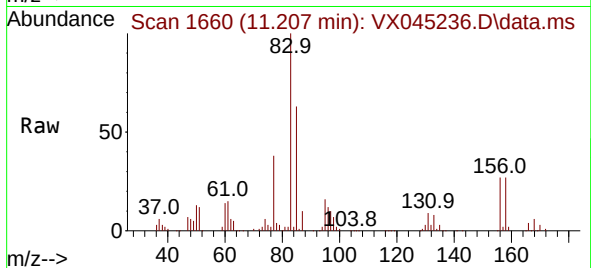
Tgt Ion:	83	Resp:	91044
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.5	13.4
85	63.3	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#76

1,2,3-Trichloropropane

Concen: 47.174 ug/l m

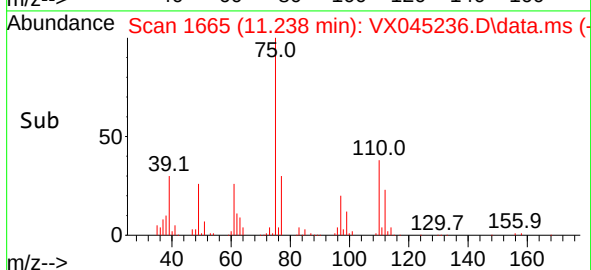
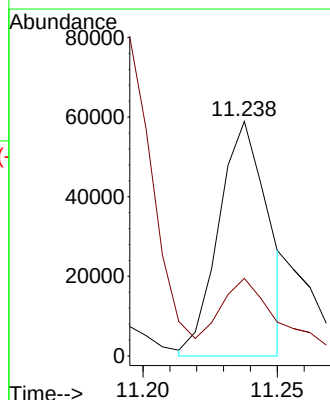
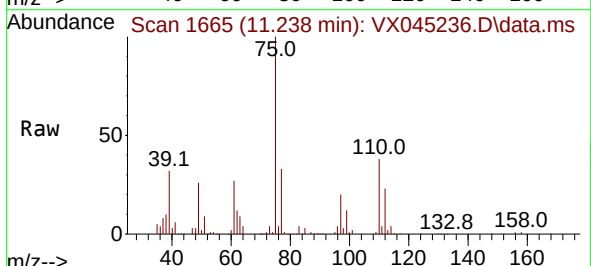
RT: 11.238 min Scan# 1665

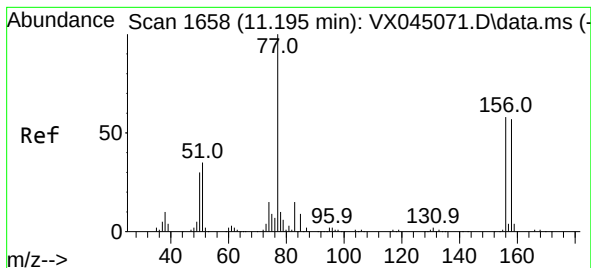
Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Tgt Ion:	75	Resp:	74854
Ion Ratio	Lower	Upper	
75	100		
77	40.5	20.7	62.1





#77

Bromobenzene

Concen: 46.980 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

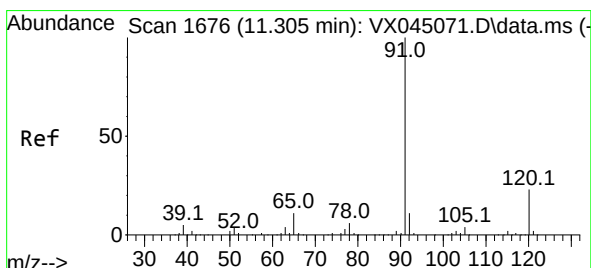
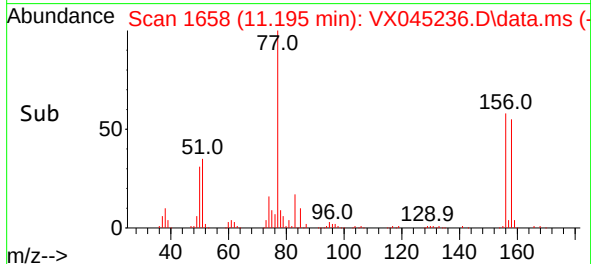
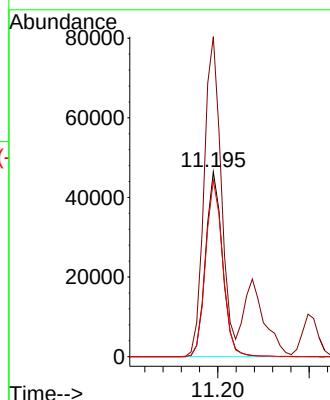
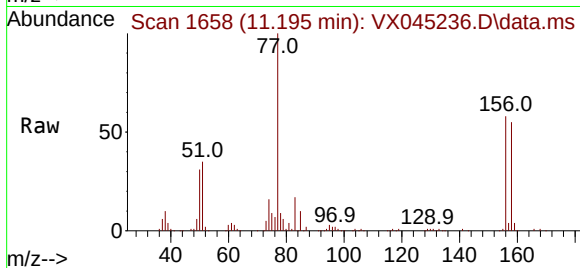
Tgt Ion:	156	Resp:	5898
Ion Ratio	Lower	Upper	
156	100		
77	177.0	85.8	257.4
158	97.4	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#78

n-propylbenzene

Concen: 49.745 ug/l

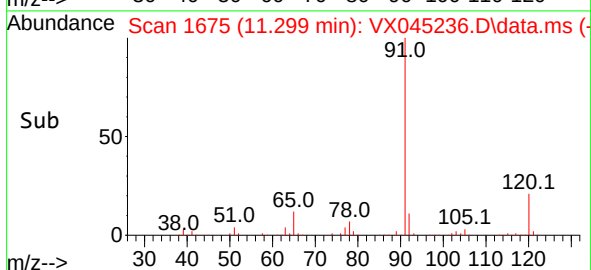
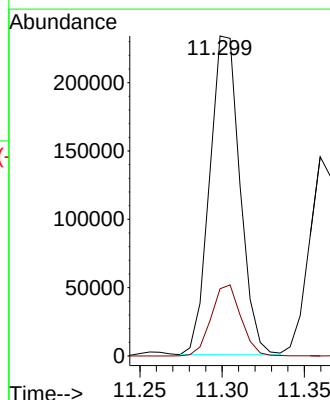
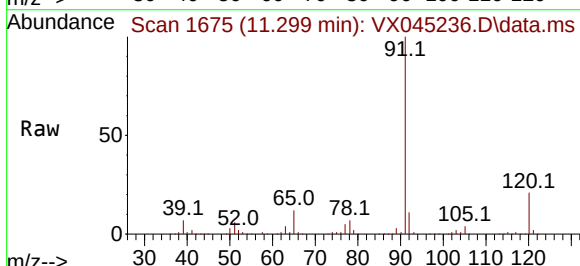
RT: 11.299 min Scan# 1675

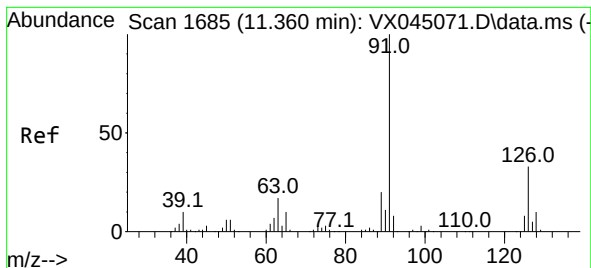
Delta R.T. -0.006 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Tgt Ion:	91	Resp:	299014
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.2	33.6





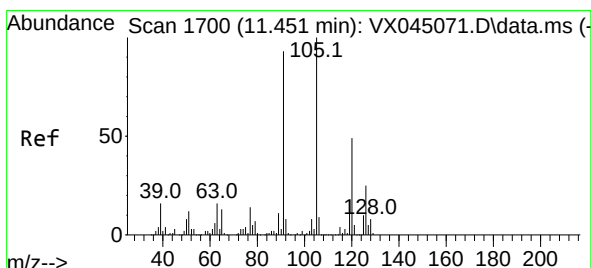
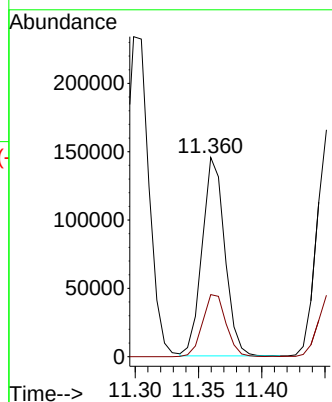
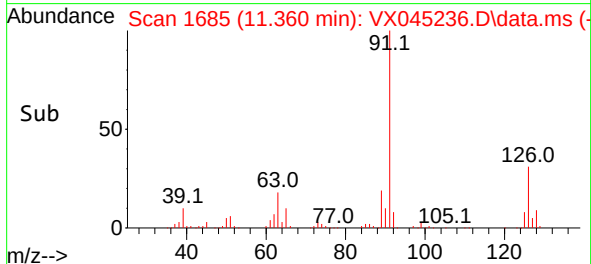
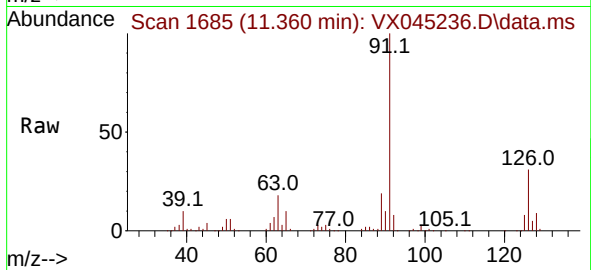
#79
2-Chlorotoluene
Concen: 47.340 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 18122
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.4

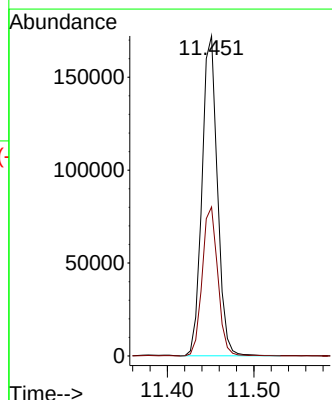
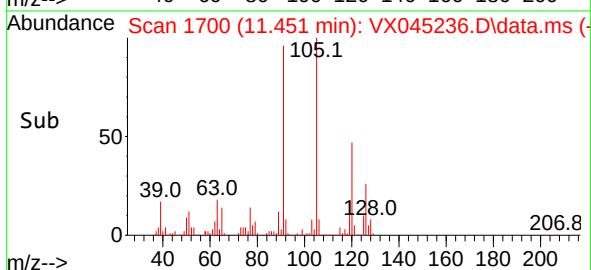
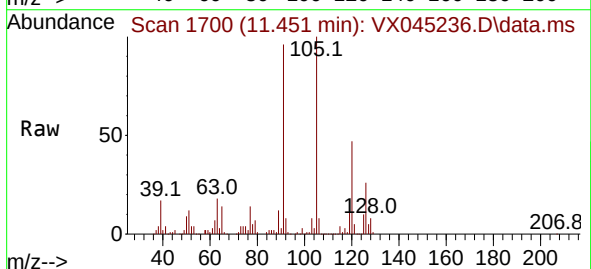
Manual Integrations
APPROVED

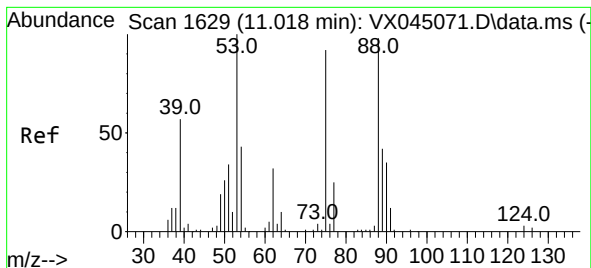
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.457 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Tgt Ion:105 Resp: 212792
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.2





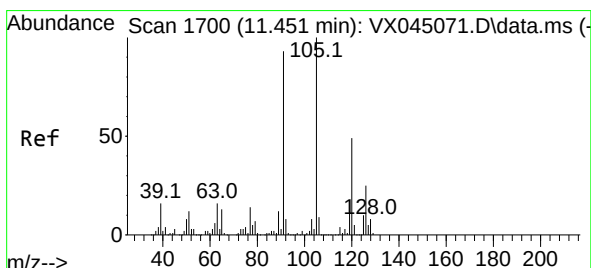
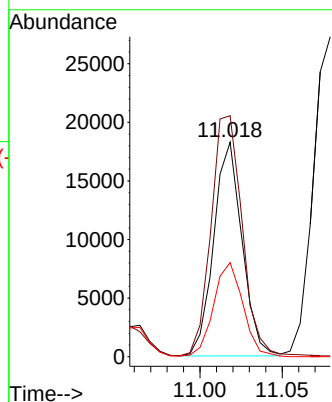
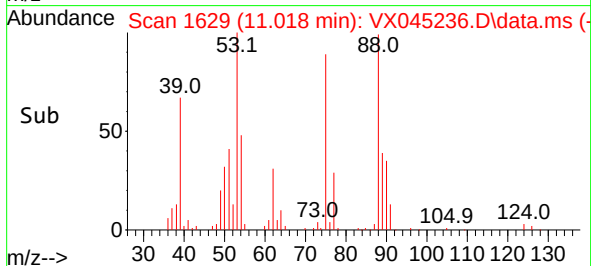
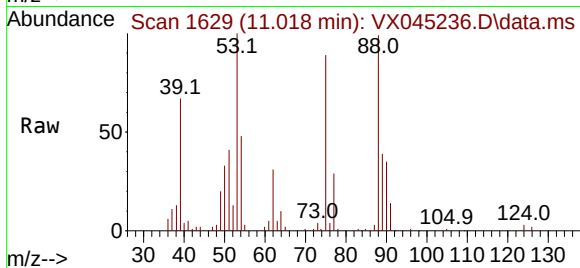
#81
trans-1,4-Dichloro-2-butene
Concen: 47.228 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 21898
Ion Ratio Lower Upper
75 100
53 125.0 88.5 132.7
89 45.5 36.2 54.4

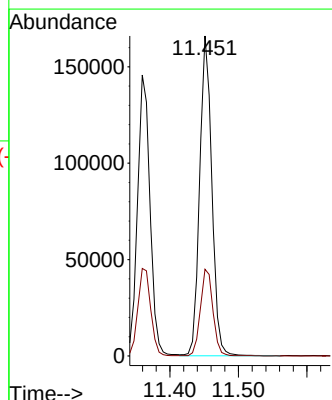
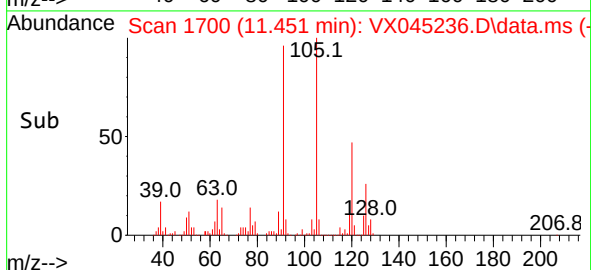
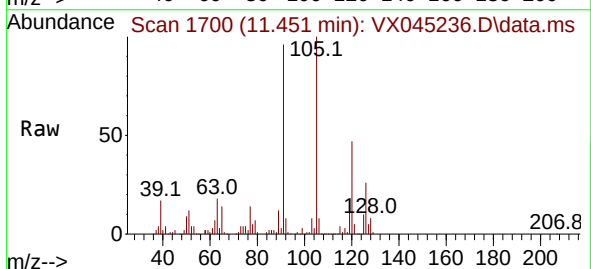
Manual Integrations
APPROVED

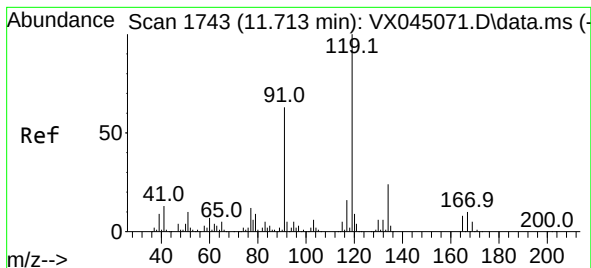
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#82
4-Chlorotoluene
Concen: 49.191 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

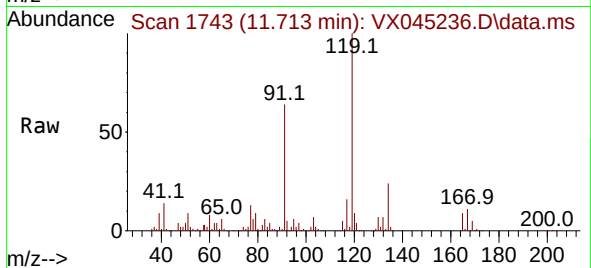
Tgt Ion: 91 Resp: 205234
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.4





#83
tert-Butylbenzene
Concen: 48.200 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

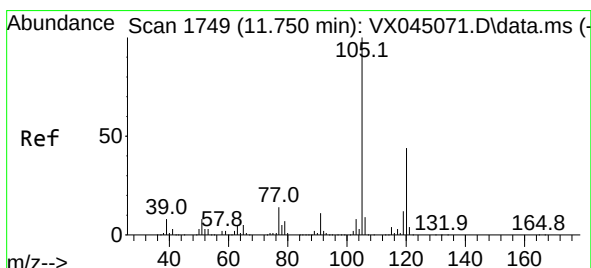
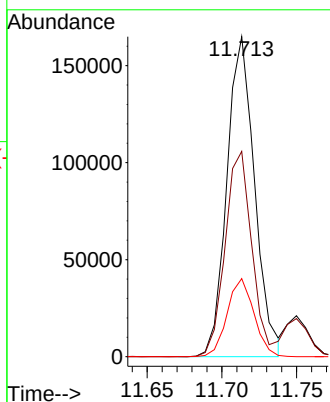
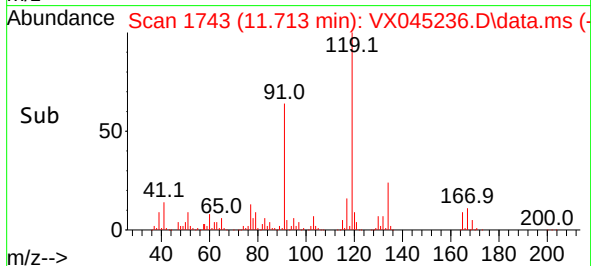
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



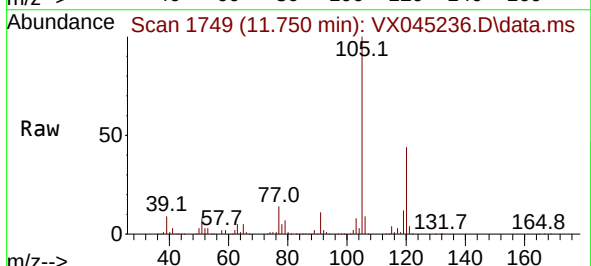
Tgt Ion:119 Resp: 213082
Ion Ratio Lower Upper
119 100
91 61.3 30.7 92.1
134 23.5 11.7 35.0

Manual Integrations
APPROVED

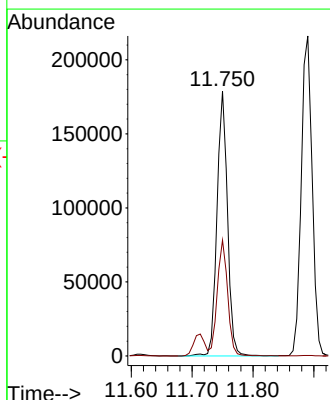
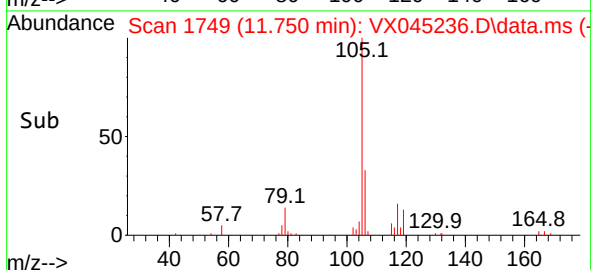
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

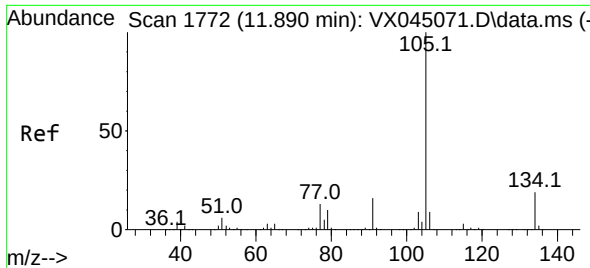


#84
1,2,4-Trimethylbenzene
Concen: 49.489 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49



Tgt Ion:105 Resp: 214250
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 50.727 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045236.D
 Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_X

ClientSampleId :

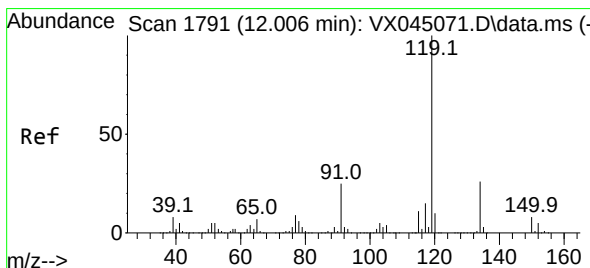
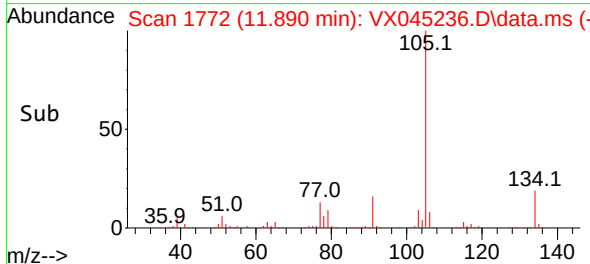
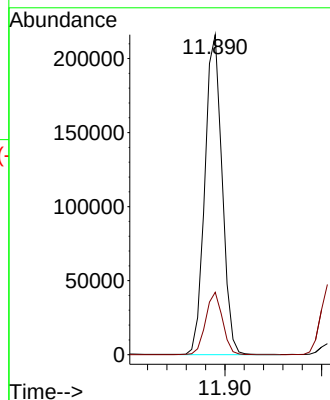
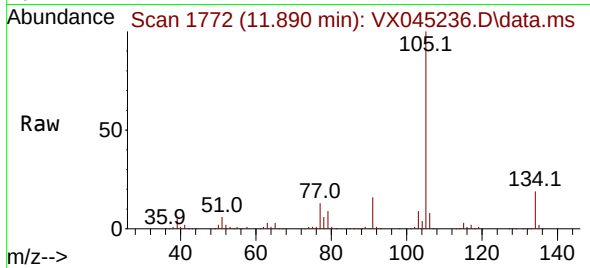
VSTDCCC050EC

Tgt Ion:105 Resp: 268624
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations

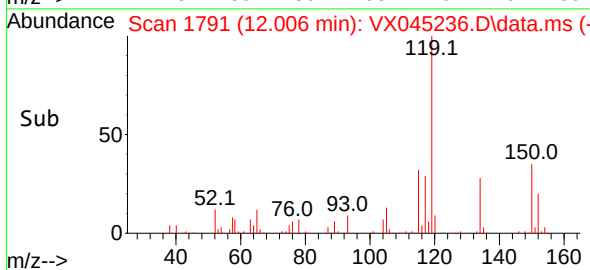
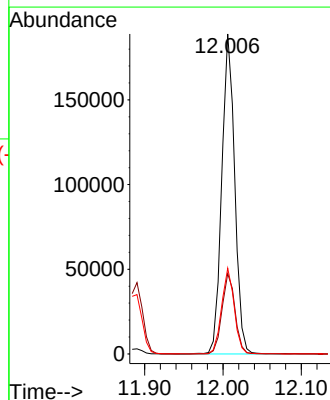
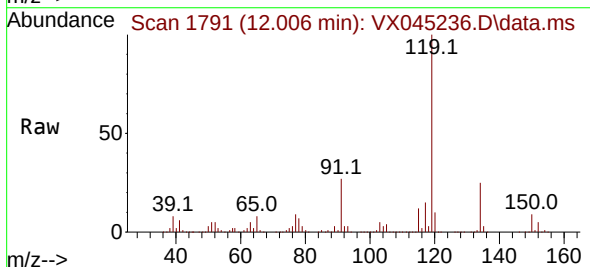
APPROVED

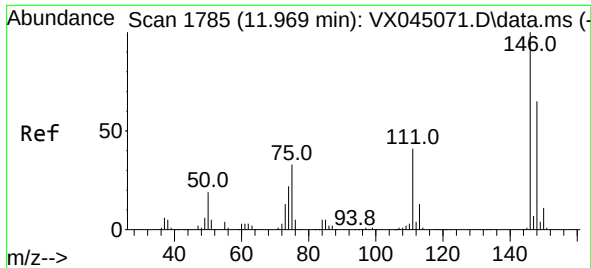
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#86
 p-Isopropyltoluene
 Concen: 50.842 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045236.D
 Acq: 11 Mar 2025 19:49

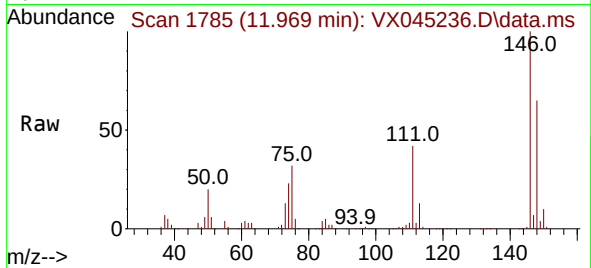
Tgt Ion:119 Resp: 217580
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.6
 91 26.3 12.7 38.0





#87
1,3-Dichlorobenzene
Concen: 48.804 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

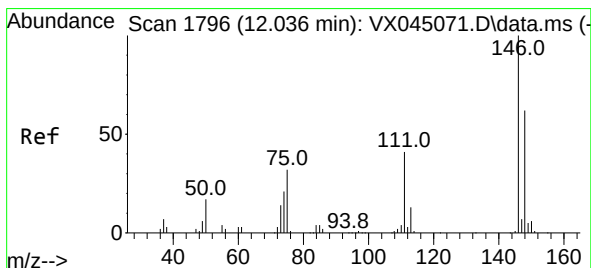
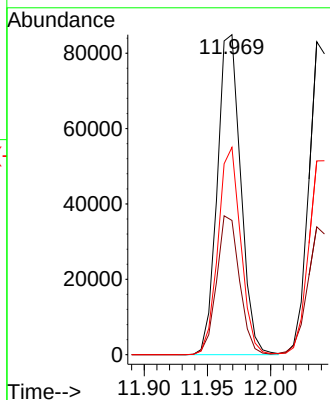
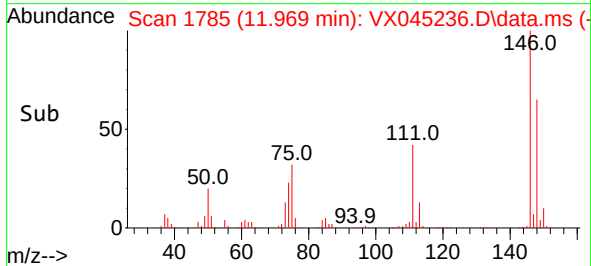
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



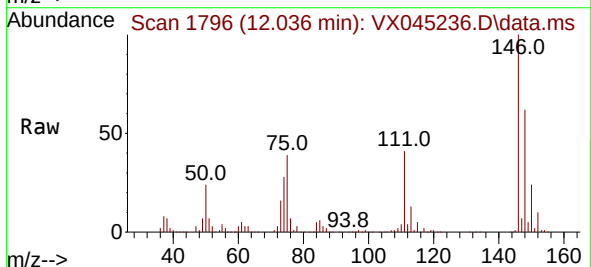
Tgt Ion:146 Resp: 109308
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.4
148 63.0 31.9 95.7

Manual Integrations
APPROVED

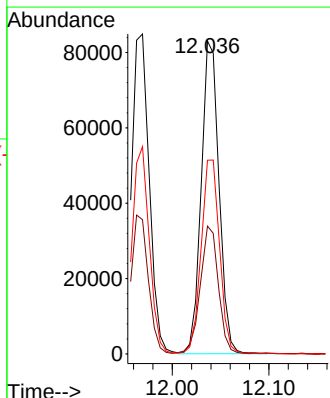
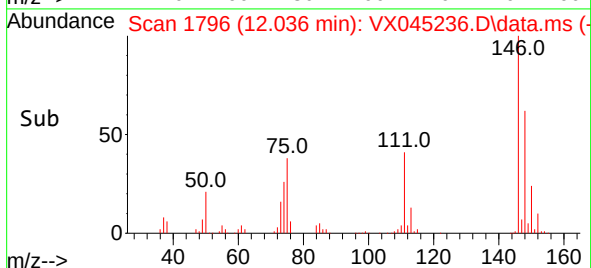
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

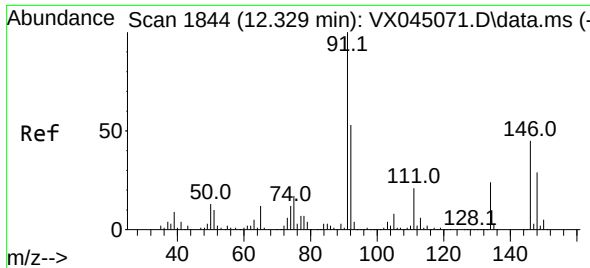


#88
1,4-Dichlorobenzene
Concen: 46.916 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49



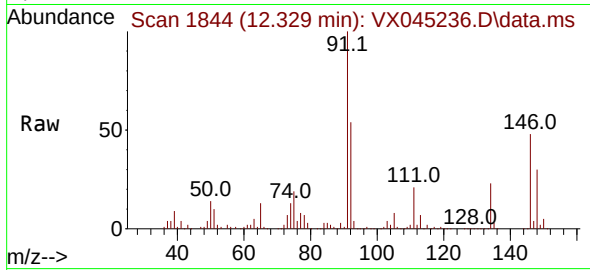
Tgt Ion:146 Resp: 106308
Ion Ratio Lower Upper
146 100
111 41.5 20.2 60.5
148 64.1 31.9 95.9





#89
n-Butylbenzene
Concen: 52.732 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

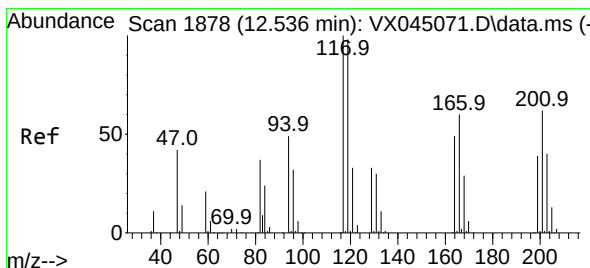
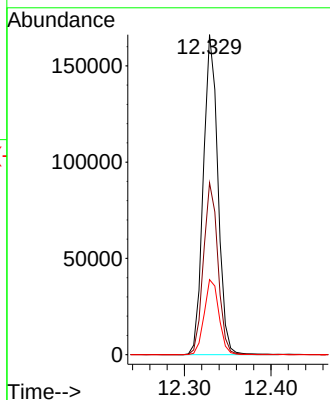
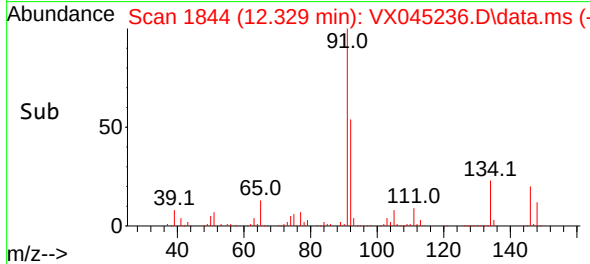
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 194364
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 23.8 12.2 36.6

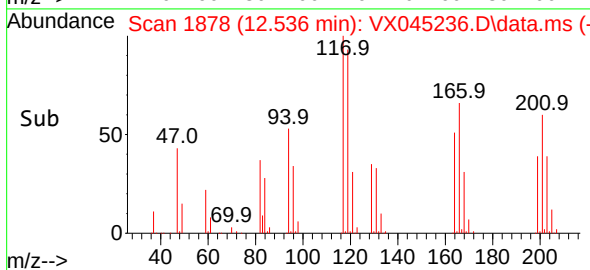
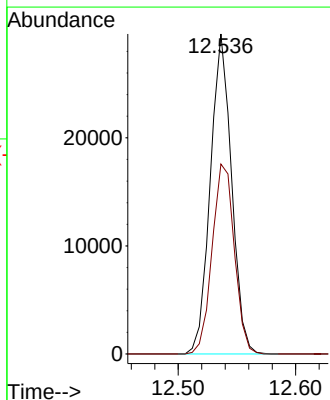
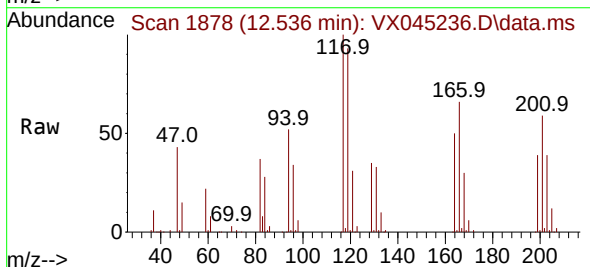
Manual Integrations
APPROVED

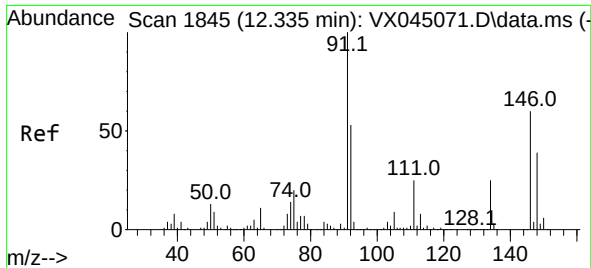
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#90
Hexachloroethane
Concen: 47.931 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

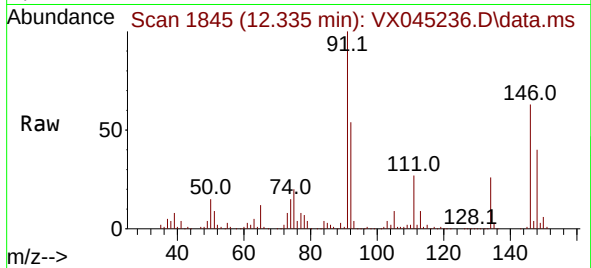
Tgt Ion:117 Resp: 37102
Ion Ratio Lower Upper
117 100
201 62.3 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 48.396 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

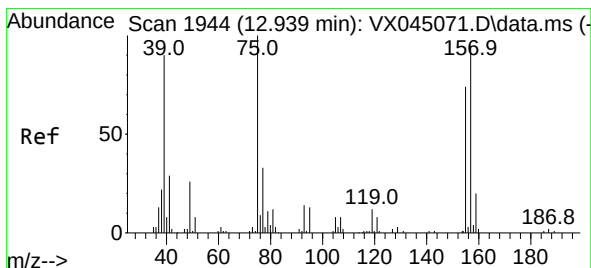
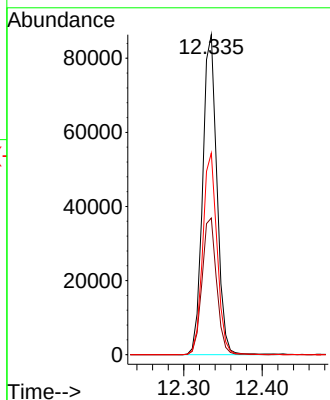
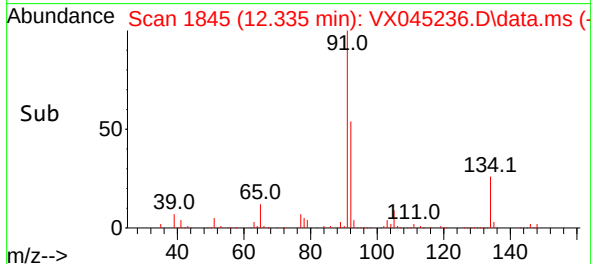
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



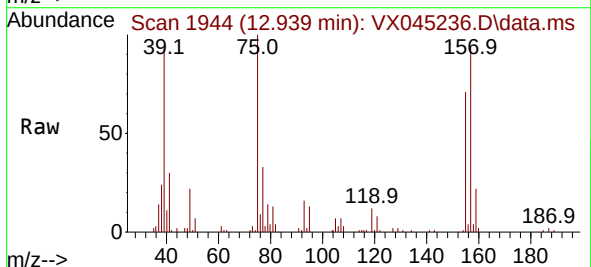
Tgt Ion:146 Resp: 108734
Ion Ratio Lower Upper
146 100
111 43.8 21.6 65.0
148 63.2 31.9 95.9

Manual Integrations
APPROVED

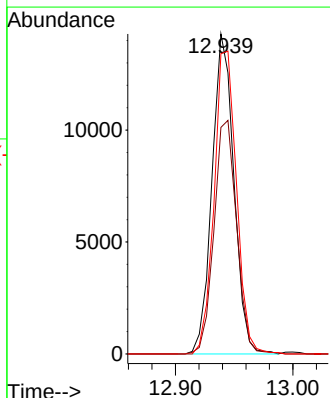
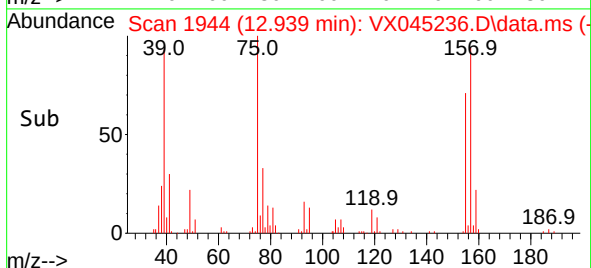
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

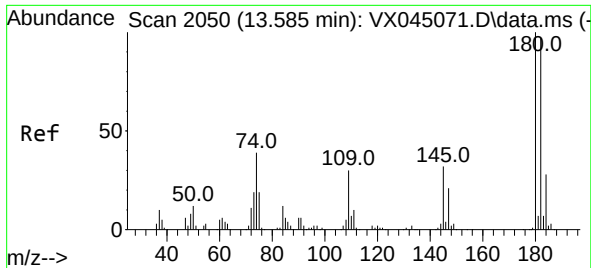


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.649 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49



Tgt Ion: 75 Resp: 18507
Ion Ratio Lower Upper
75 100
155 75.5 39.6 118.7
157 97.1 51.1 153.4





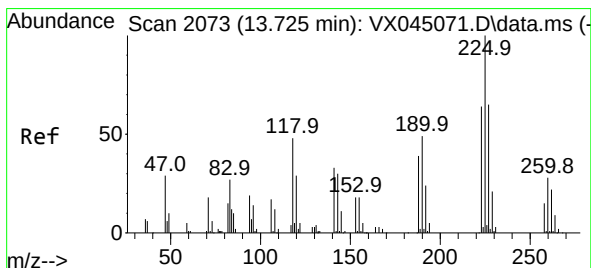
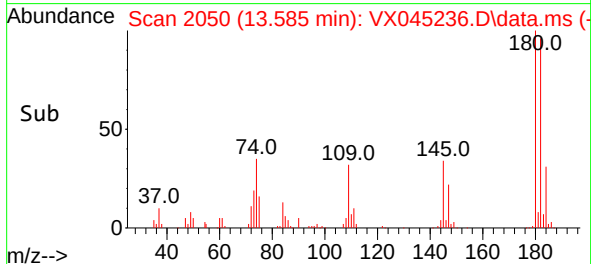
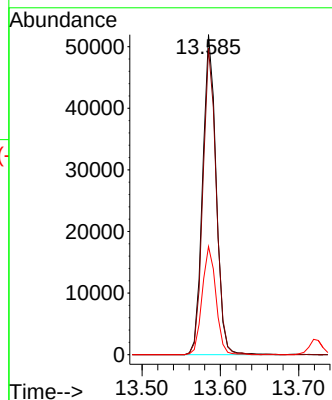
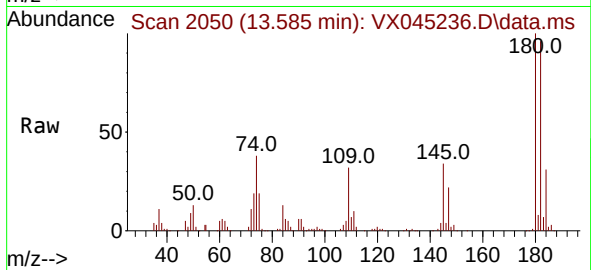
#93
1,2,4-Trichlorobenzene
Concen: 48.452 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 61980
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 34.5 16.3 48.9

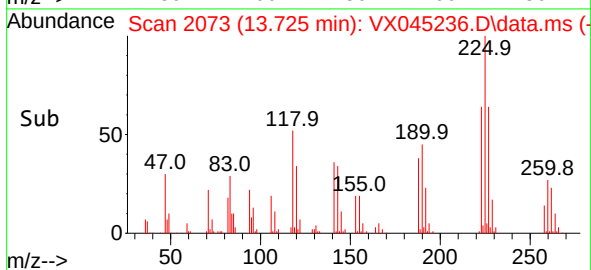
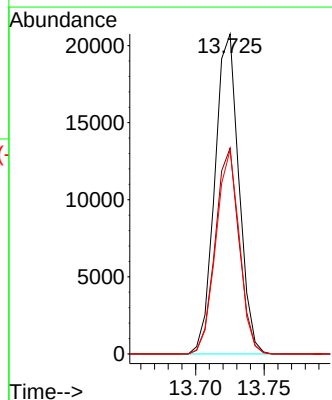
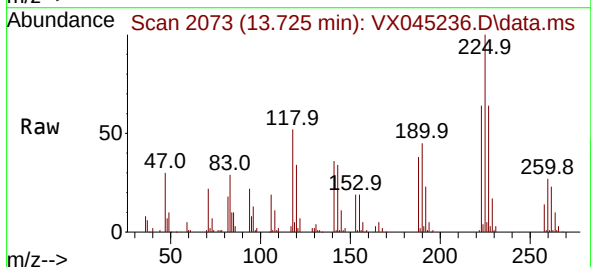
Manual Integrations
APPROVED

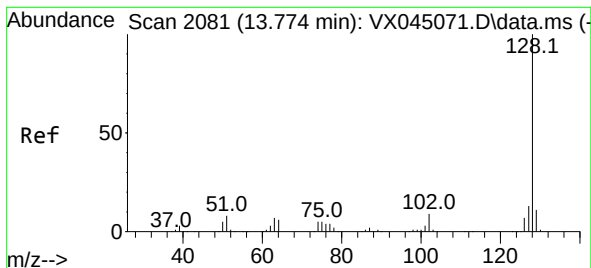
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#94
Hexachlorobutadiene
Concen: 48.218 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

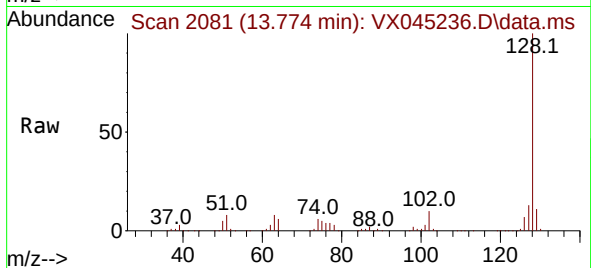
Tgt Ion:225 Resp: 25290
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 62.2 31.4 94.0





#95
Naphthalene
Concen: 48.828 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49

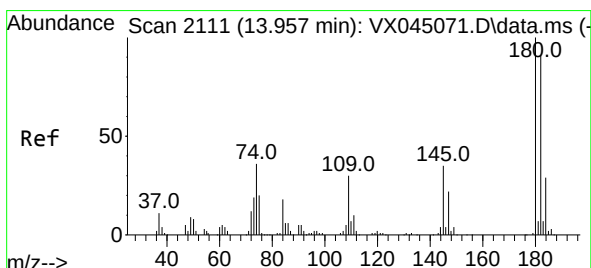
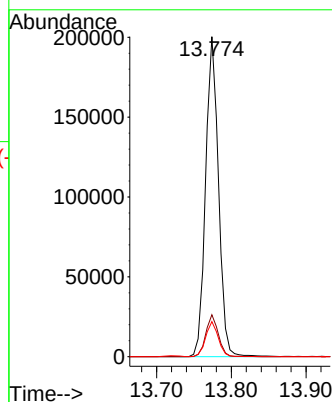
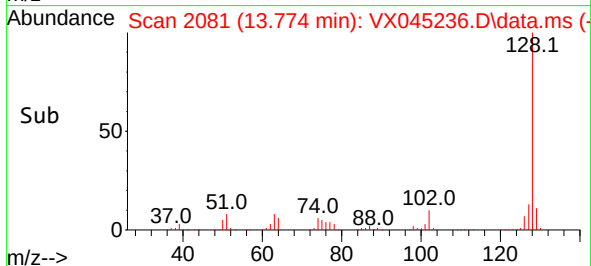
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



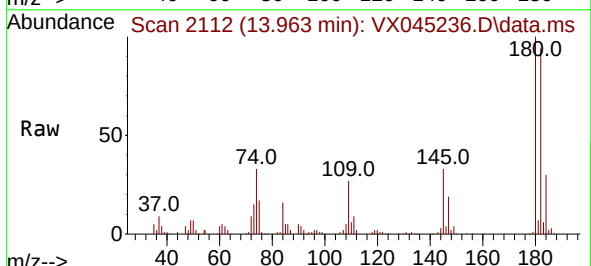
Tgt Ion:128 Resp: 240000
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.282 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045236.D
Acq: 11 Mar 2025 19:49



Tgt Ion:180 Resp: 65162
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 34.7 17.0 50.9

