

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045401.D
 Acq On : 21 Mar 2025 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 02:54:13 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	5.550	168	74853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65462	54.980	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.960%	
35) Dibromofluoromethane	5.379	113	48269	53.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.000%	
50) Toluene-d8	8.647	98	161646	49.417	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.840%	
62) 4-Bromofluorobenzene	11.079	95	56960	52.550	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.100%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	44493	47.221	ug/l 96
3) Chloromethane	1.307	50	49810	43.198	ug/l 99
4) Vinyl Chloride	1.374	62	50137	43.831	ug/l 98
5) Bromomethane	1.593	94	22345	49.692	ug/l 100
6) Chloroethane	1.660	64	23804	45.116	ug/l 98
7) Trichlorofluoromethane	1.868	101	74964	49.505	ug/l 99
8) Diethyl Ether	2.136	74	28674	48.412	ug/l 95
9) 1,1,2-Trichlorotrifluo...	2.313	101	47964	55.132	ug/l 99
10) Methyl Iodide	2.441	142	59117	54.375	ug/l 94
11) Tert butyl alcohol	2.989	59	48799	216.377	ug/l 98
12) 1,1-Dichloroethene	2.307	96	46209	50.239	ug/l 95
13) Acrolein	2.239	56	65119	249.782	ug/l 99
14) Allyl chloride	2.654	41	90404	55.217	ug/l 94
15) Acrylonitrile	3.062	53	163717	270.857	ug/l 99
16) Acetone	2.386	43	150609	272.633	ug/l 94
17) Carbon Disulfide	2.502	76	93735	38.262	ug/l 98
18) Methyl Acetate	2.703	43	98631	74.217	ug/l 100
19) Methyl tert-butyl Ether	3.117	73	176330	57.141	ug/l 99
20) Methylene Chloride	2.782	84	56599	51.722	ug/l 99
21) trans-1,2-Dichloroethene	3.087	96	47043	51.770	ug/l 98
22) Diisopropyl ether	3.764	45	190414	57.185	ug/l 97
23) Vinyl Acetate	3.721	43	785465	282.670	ug/l 98
24) 1,1-Dichloroethane	3.599	63	103230	55.318	ug/l 99
25) 2-Butanone	4.562	43	235908	283.702	ug/l 99
26) 2,2-Dichloropropane	4.471	77	60745	69.398	ug/l 97
27) cis-1,2-Dichloroethene	4.483	96	60830	54.229	ug/l 94
28) Bromochloromethane	4.891	49	51351	57.732	ug/l 99
29) Tetrahydrofuran	5.007	42	150362	269.265	ug/l 100
30) Chloroform	5.087	83	108341	58.430	ug/l 97
31) Cyclohexane	5.465	56	78351	48.368	ug/l 98
32) 1,1,1-Trichloroethane	5.373	97	85762	57.268	ug/l 97
36) 1,1-Dichloropropene	5.684	75	66133	53.446	ug/l 99
37) Ethyl Acetate	4.715	43	87199	54.690	ug/l 99
38) Carbon Tetrachloride	5.672	117	70522	56.138	ug/l 97
39) Methylcyclohexane	7.373	83	76690	51.725	ug/l 96
40) Benzene	6.031	78	210474	53.866	ug/l 99

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51712	59.981	ug/l	98
42) 1,2-Dichloroethane	6.080	62	86759	61.661	ug/l	97
43) Isopropyl Acetate	6.342	43	135762	57.582	ug/l	98
44) Trichloroethene	7.123	130	49047	53.459	ug/l	96
45) 1,2-Dichloropropane	7.428	63	55501	55.246	ug/l	96
46) Dibromomethane	7.580	93	41450	58.374	ug/l	96
47) Bromodichloromethane	7.818	83	82269	59.068	ug/l	99
48) Methyl methacrylate	7.690	41	69727	58.949	ug/l	94
49) 1,4-Dioxane	7.665	88	24595	985.741	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	463190	292.590	ug/l	99
52) Toluene	8.714	92	126198	55.048	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	68896	59.170	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	79164	58.304	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	52975	56.131	ug/l	99
56) Ethyl methacrylate	9.116	69	83667	58.321	ug/l	93
57) 1,3-Dichloropropane	9.305	76	91764	56.184	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	229112	327.394	ug/l	98
59) 2-Hexanone	9.427	43	338175	294.834	ug/l	98
60) Dibromochloromethane	9.519	129	57002	57.765	ug/l	99
61) 1,2-Dibromoethane	9.604	107	53600	56.890	ug/l	98
64) Tetrachloroethene	9.269	164	39719	53.474	ug/l	96
65) Chlorobenzene	10.080	112	132438	53.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	45778	56.016	ug/l	99
67) Ethyl Benzene	10.189	91	239507	56.012	ug/l	98
68) m/p-Xylenes	10.299	106	175085	111.853	ug/l	96
69) o-Xylene	10.640	106	85276	54.016	ug/l	94
70) Styrene	10.653	104	145711	57.041	ug/l	97
71) Bromoform	10.799	173	35721	57.963	ug/l #	97
73) Isopropylbenzene	10.957	105	227633	54.369	ug/l	99
74) N-amyl acetate	10.842	43	110444	56.217	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	83518	54.359	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85428	68.425	ug/l	86
77) Bromobenzene	11.195	156	51333	51.964	ug/l	96
78) n-propylbenzene	11.299	91	262384	55.477	ug/l	98
79) 2-Chlorotoluene	11.360	91	160491	53.282	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	183136	54.096	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18639	51.090	ug/l #	83
82) 4-Chlorotoluene	11.451	91	179417	54.654	ug/l	99
83) tert-Butylbenzene	11.713	119	186344	53.572	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	187934	55.172	ug/l	98
85) sec-Butylbenzene	11.890	105	230317	55.276	ug/l	100
86) p-Isopropyltoluene	12.006	119	188467	55.971	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	93653	53.143	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	93536	52.463	ug/l	99
89) n-Butylbenzene	12.329	91	166636	57.458	ug/l	99
90) Hexachloroethane	12.536	117	32352	53.118	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	95638	54.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17831	59.571	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	57341	56.965	ug/l	98
94) Hexachlorobutadiene	13.725	225	22756	55.141	ug/l	98
95) Naphthalene	13.774	128	219620	56.787	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	58600	55.183	ug/l	98

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ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

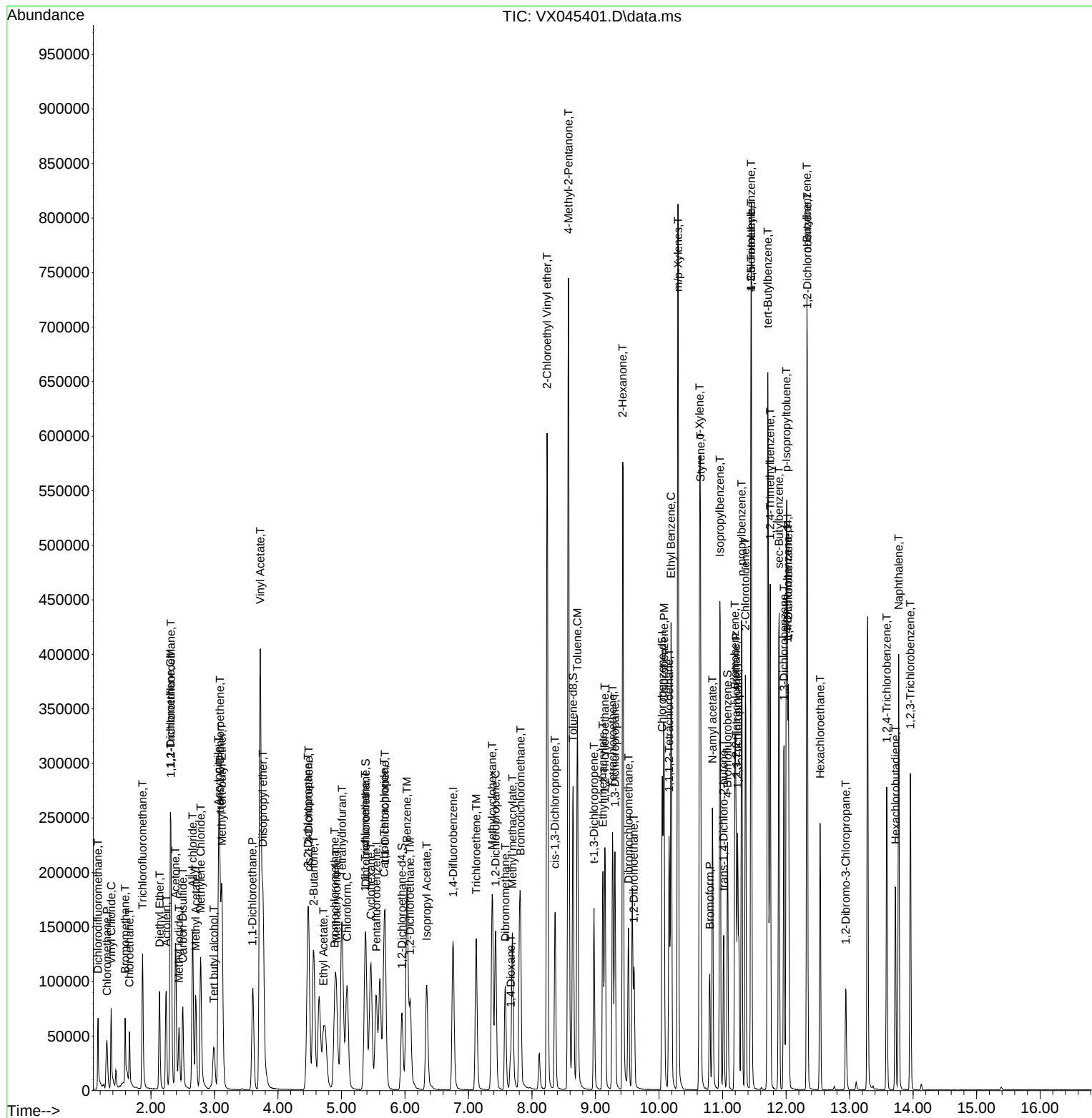
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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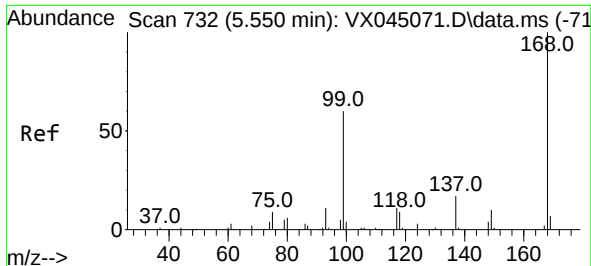
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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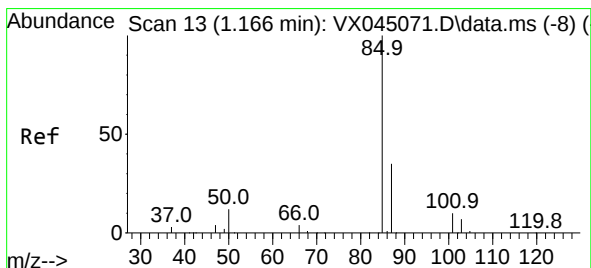
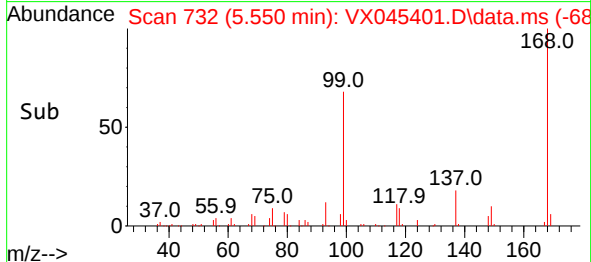
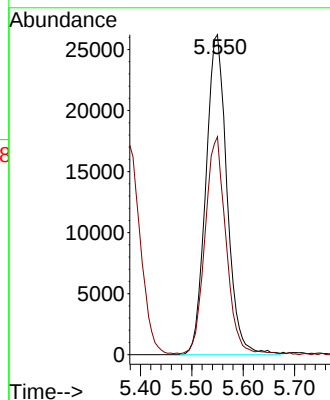
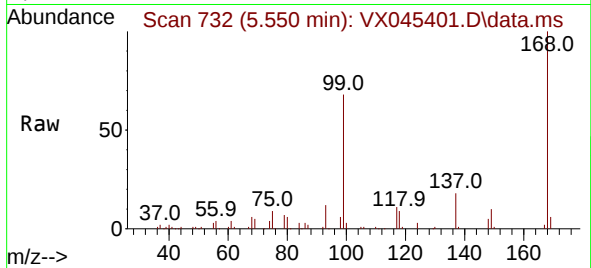




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045401.D
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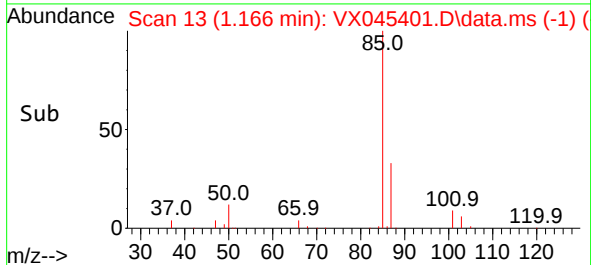
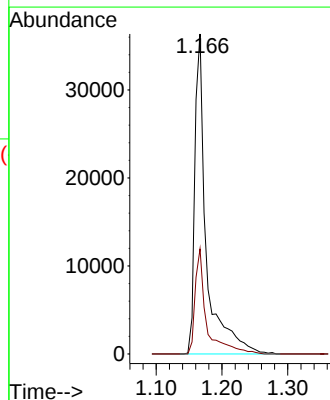
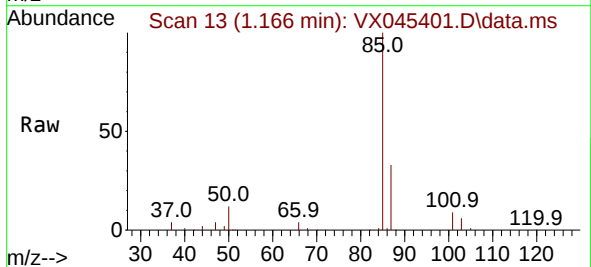
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

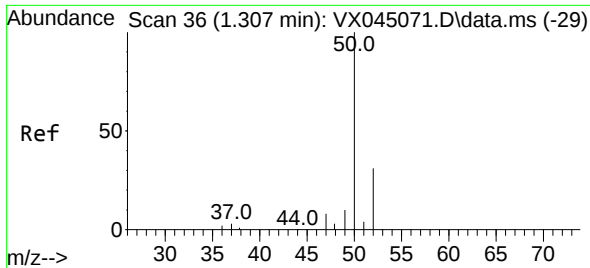
Tgt Ion:168 Resp: 74853
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 47.221 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 85 Resp: 44493
Ion Ratio Lower Upper
85 100
87 32.9 17.4 52.3

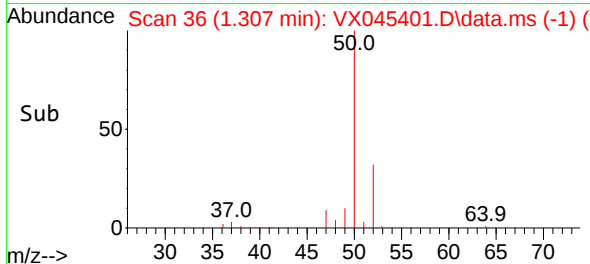
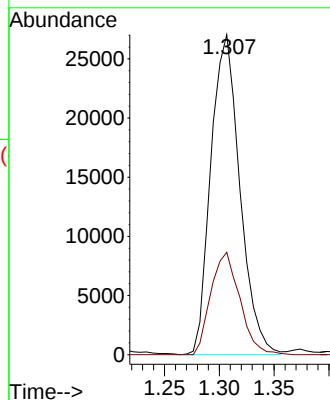
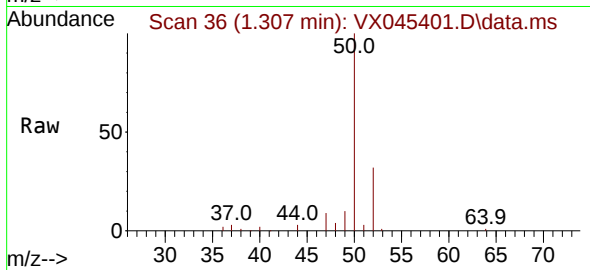




#3
Chloromethane
Concen: 43.198 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

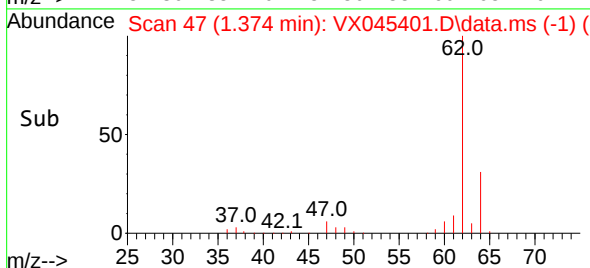
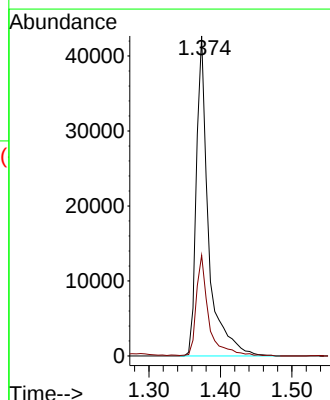
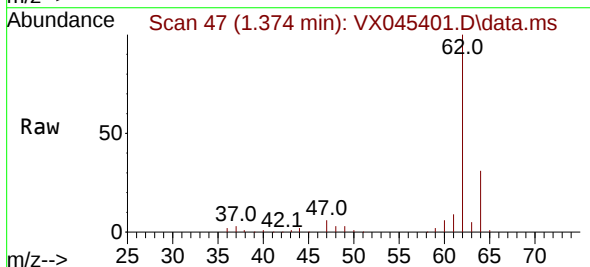
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ClientSampleId :
VSTDCCC050EC

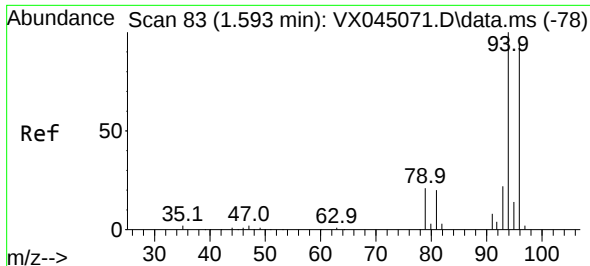
Tgt Ion: 50 Resp: 49810
Ion Ratio Lower Upper
50 100
52 32.0 25.0 37.4



#4
Vinyl Chloride
Concen: 43.831 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 62 Resp: 50137
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5

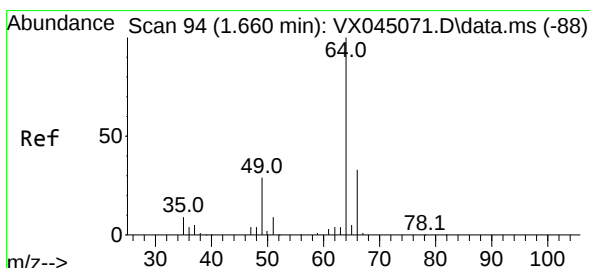
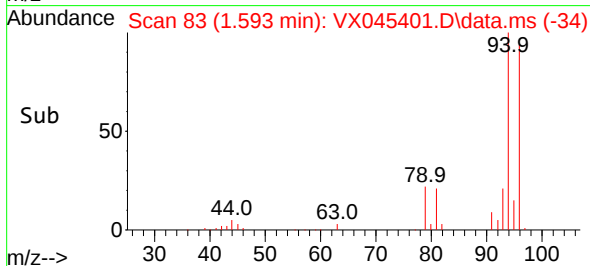
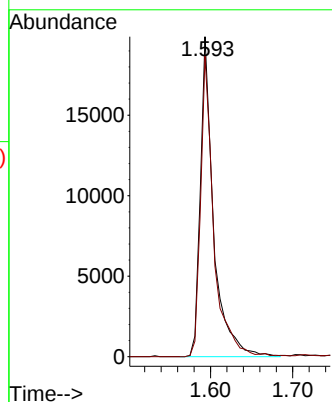
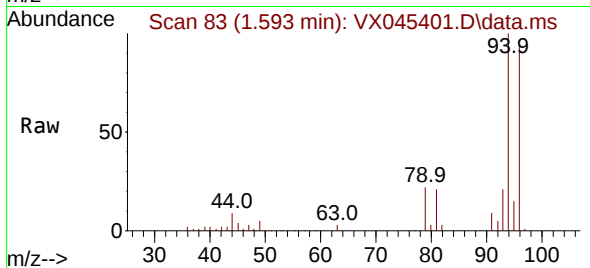




#5
Bromomethane
Concen: 49.692 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

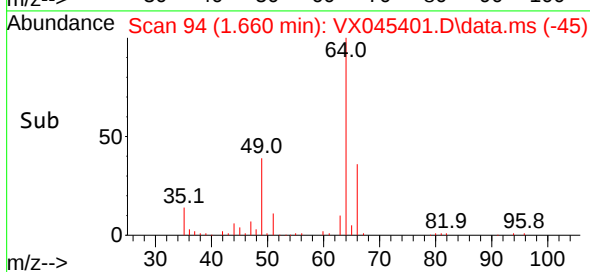
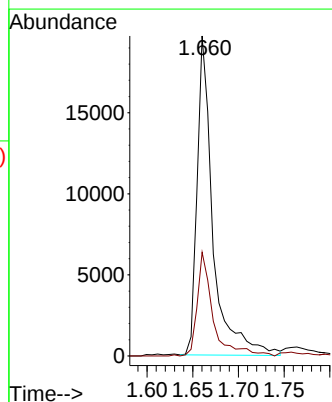
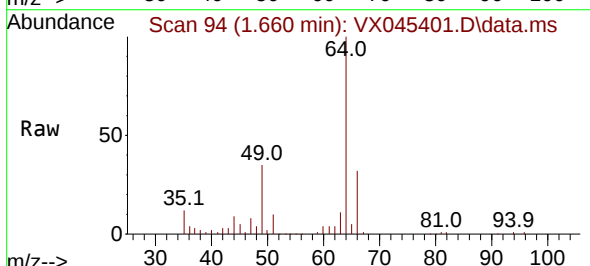
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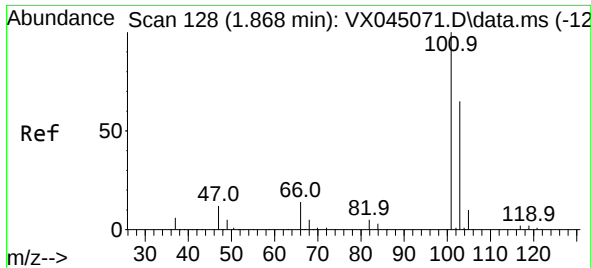
Tgt Ion: 94 Resp: 22345
Ion Ratio Lower Upper
94 100
96 93.9 75.0 112.4



#6
Chloroethane
Concen: 45.116 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 64 Resp: 23804
Ion Ratio Lower Upper
64 100
66 32.5 26.7 40.1

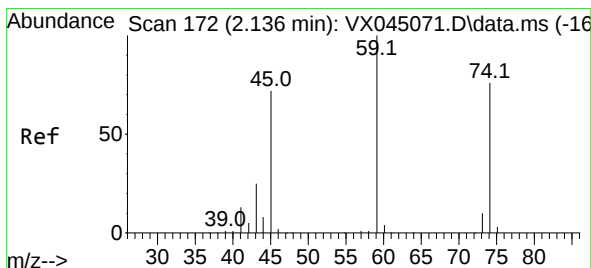
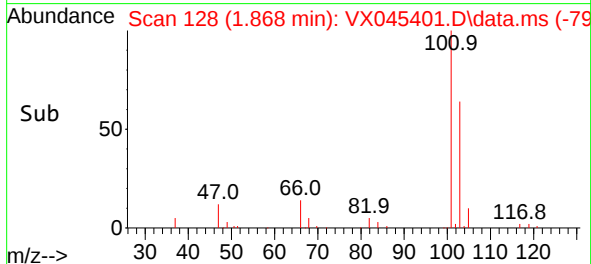
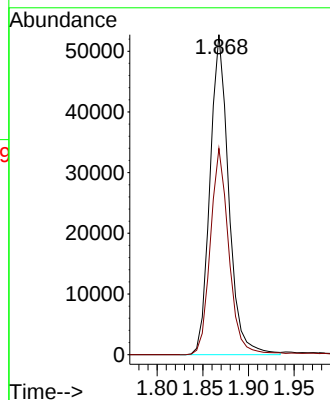
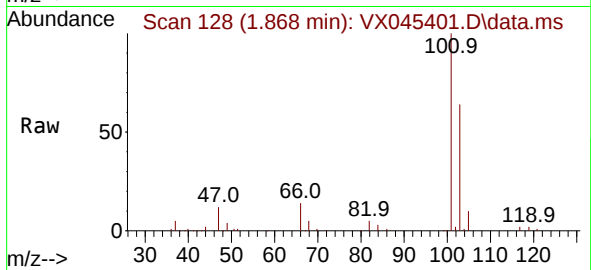




#7
Trichlorofluoromethane
Concen: 49.505 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

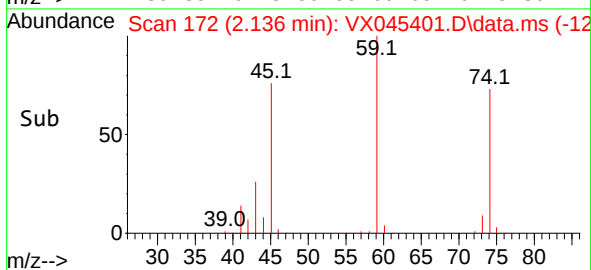
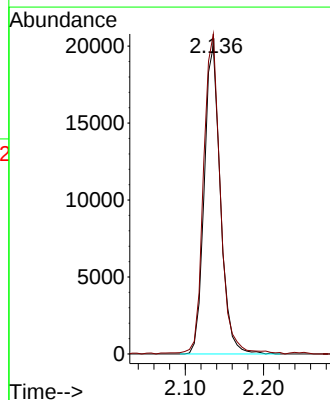
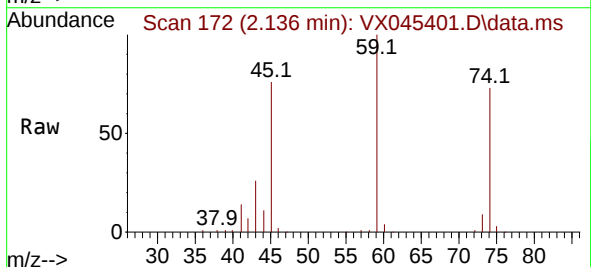
Instrument :
MSVOA_X
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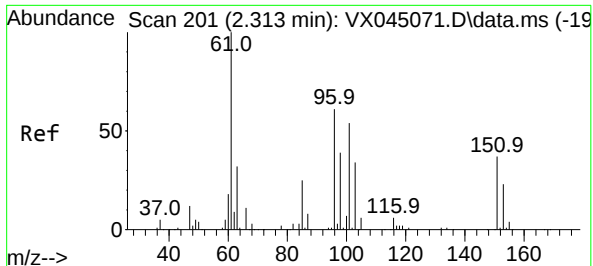
Tgt Ion:101 Resp: 74964
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1



#8
Diethyl Ether
Concen: 48.412 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045401.D
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Tgt Ion: 74 Resp: 28674
Ion Ratio Lower Upper
74 100
45 108.2 51.5 154.5

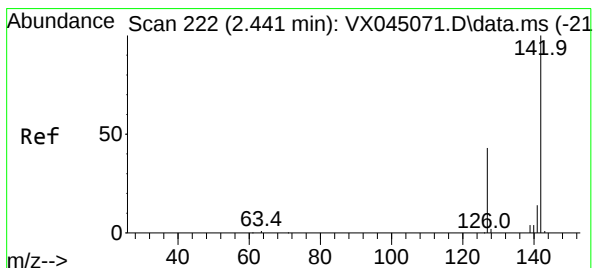
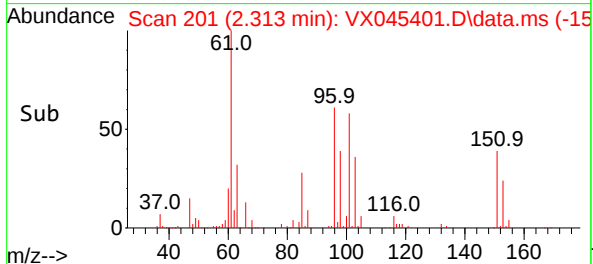
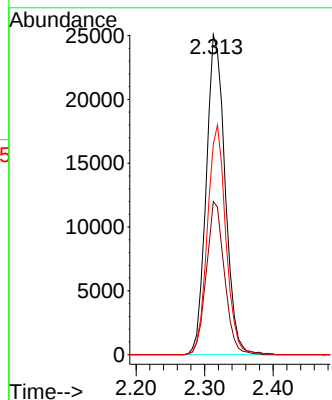
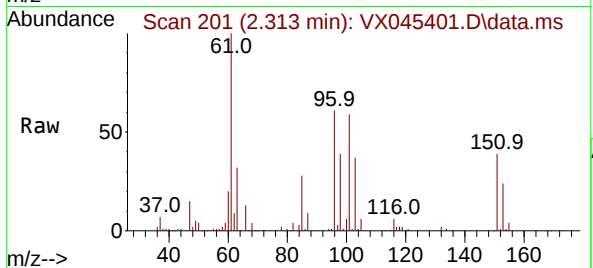




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.132 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

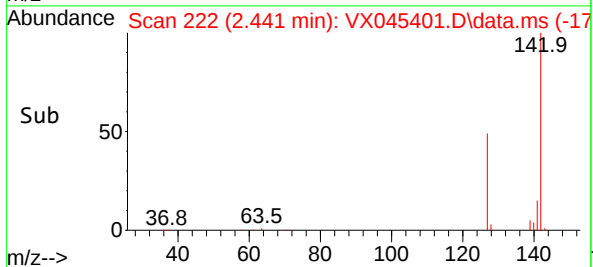
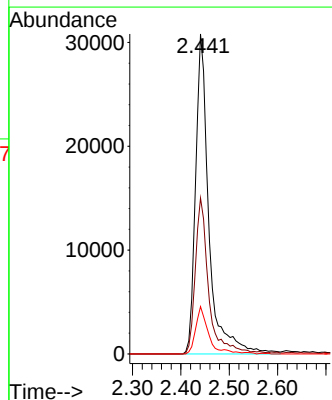
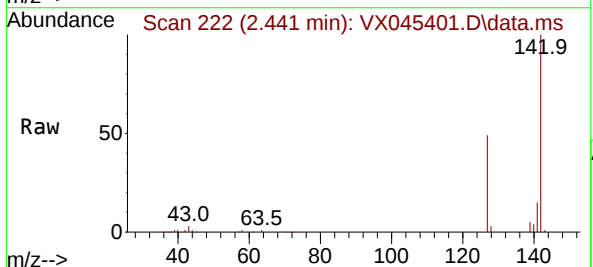
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 47964
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 70.1 56.4 84.6



#10
Methyl Iodide
Concen: 54.375 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion:142 Resp: 59117
Ion Ratio Lower Upper
142 100
127 49.0 35.4 53.2
141 14.1 11.6 17.4

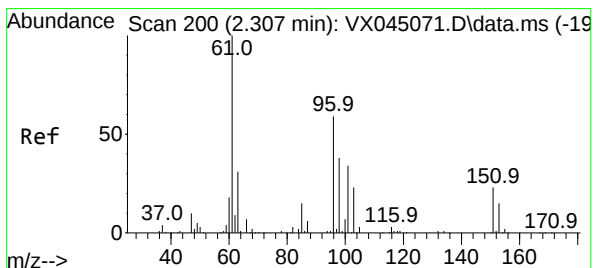
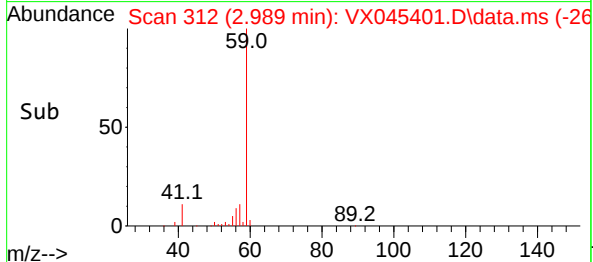
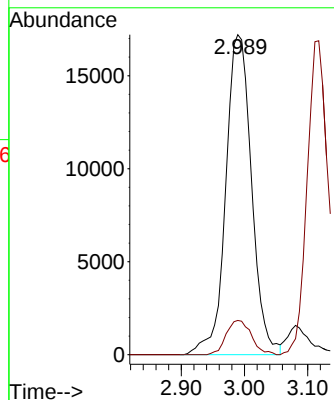
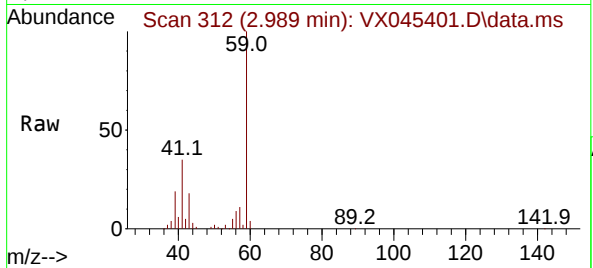




#11
Tert butyl alcohol
Concen: 216.377 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

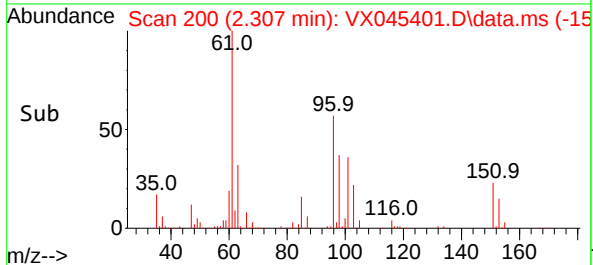
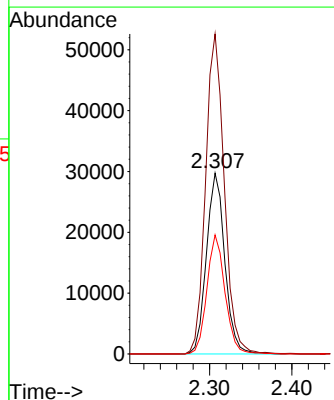
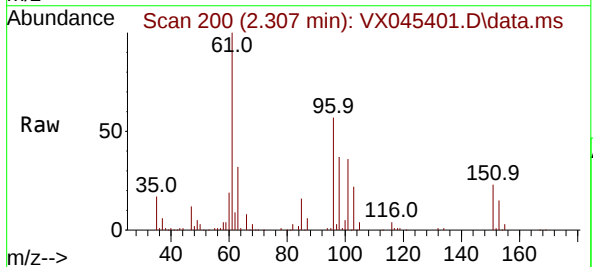
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 48799
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 50.239 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 96 Resp: 46209
Ion Ratio Lower Upper
96 100
61 177.0 134.6 202.0
98 65.8 51.0 76.6

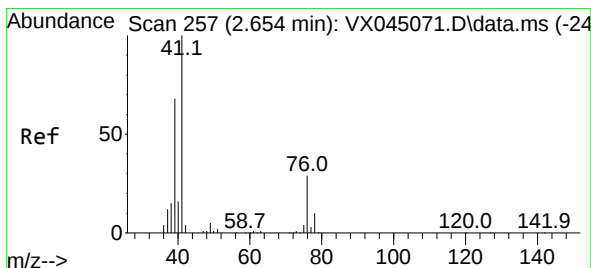
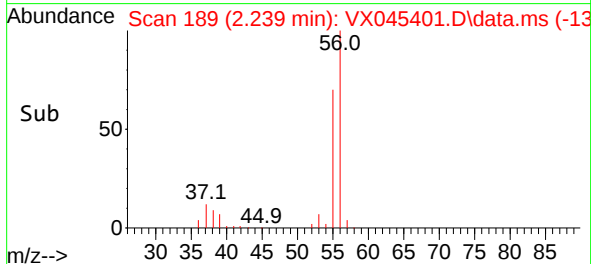
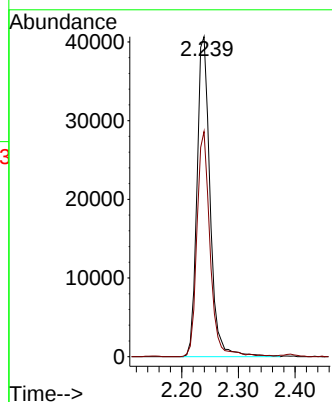
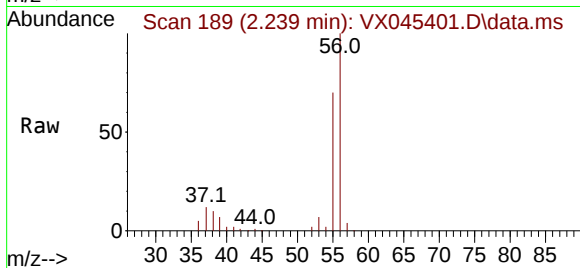




#13
Acrolein
Concen: 249.782 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

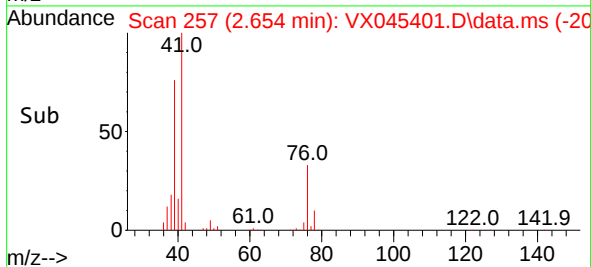
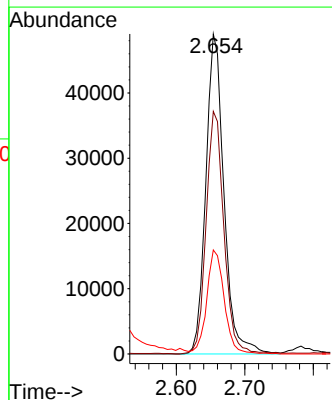
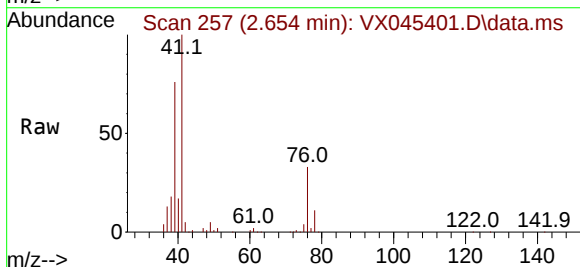
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 65119
Ion Ratio Lower Upper
56 100
55 70.9 56.2 84.4



#14
Allyl chloride
Concen: 55.217 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 41 Resp: 90404
Ion Ratio Lower Upper
41 100
39 74.4 53.8 80.8
76 31.6 25.2 37.8

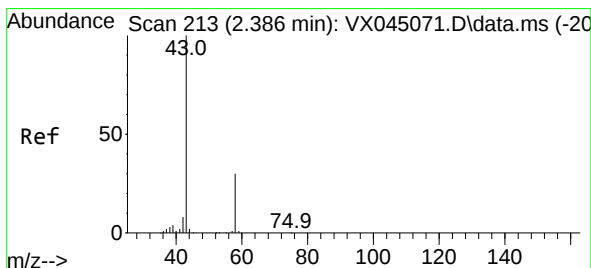
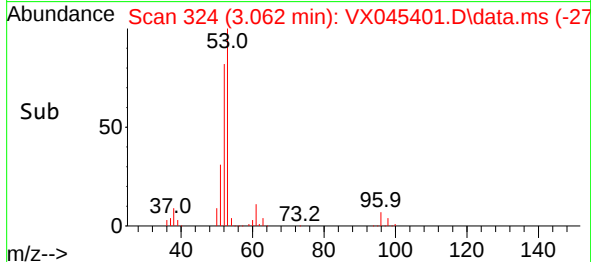
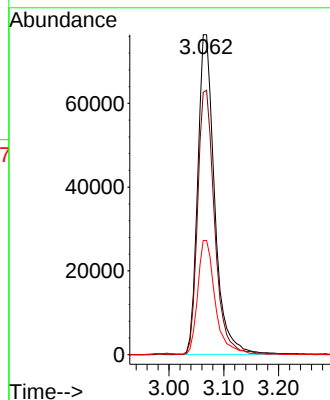
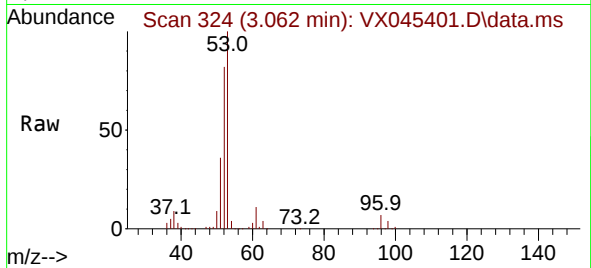




#15
Acrylonitrile
Concen: 270.857 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

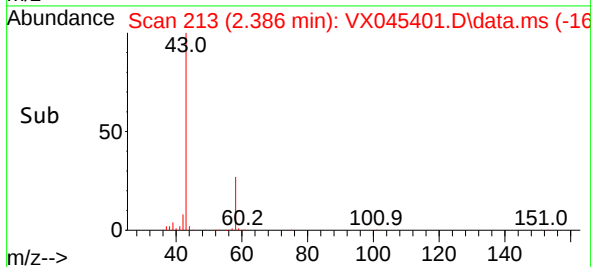
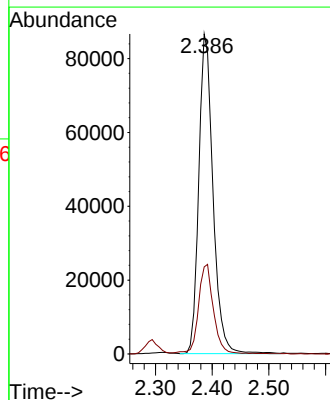
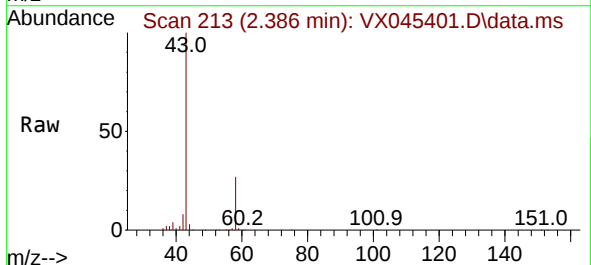
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

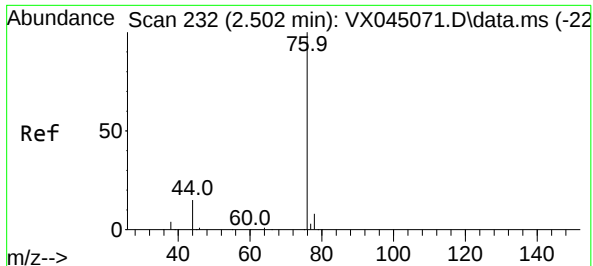
Tgt Ion: 53 Resp: 163717
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 36.7 29.0 43.4



#16
Acetone
Concen: 272.633 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 43 Resp: 150609
Ion Ratio Lower Upper
43 100
58 27.1 24.2 36.4

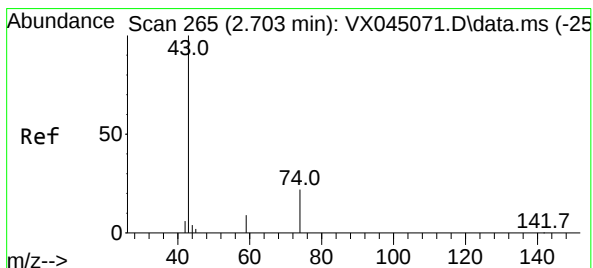
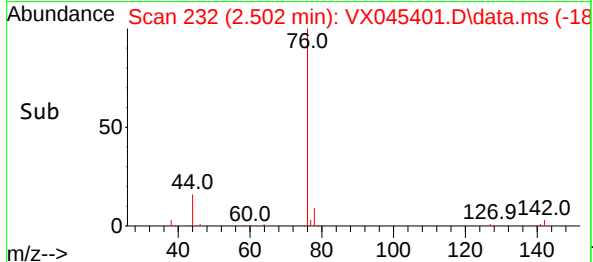
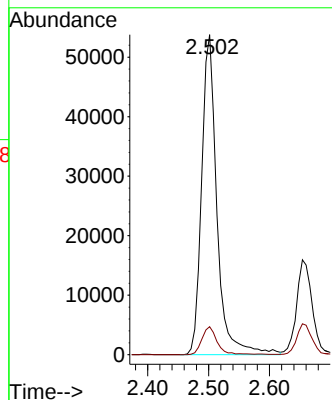
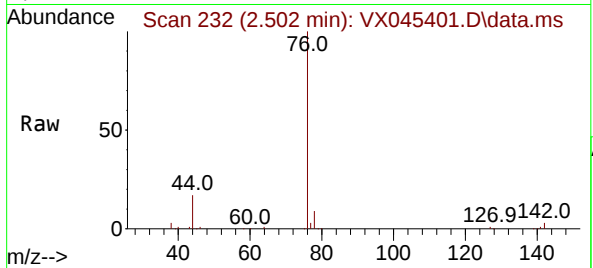




#17
Carbon Disulfide
Concen: 38.262 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

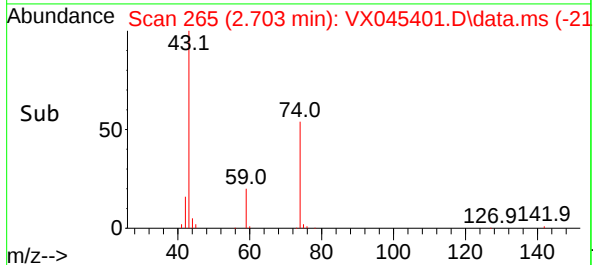
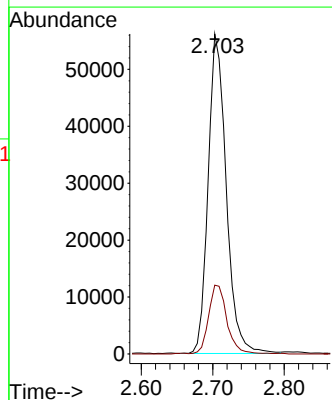
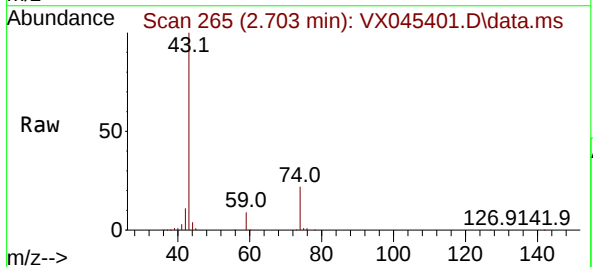
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

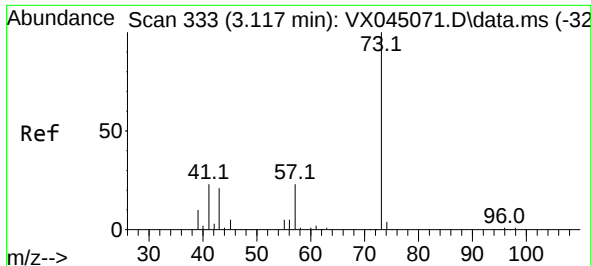
Tgt Ion: 76 Resp: 93735
Ion Ratio Lower Upper
76 100
78 8.7 6.6 9.8



#18
Methyl Acetate
Concen: 74.217 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 43 Resp: 98631
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.2

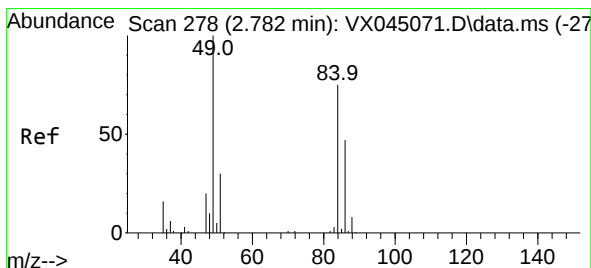
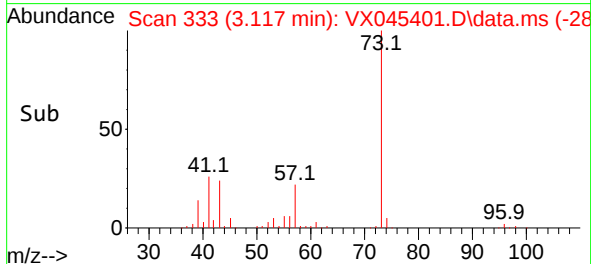
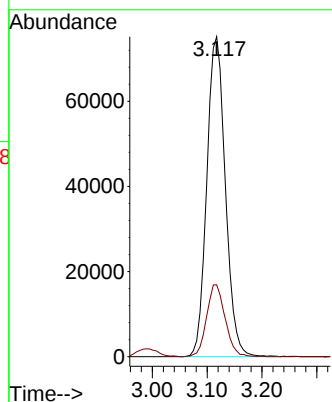
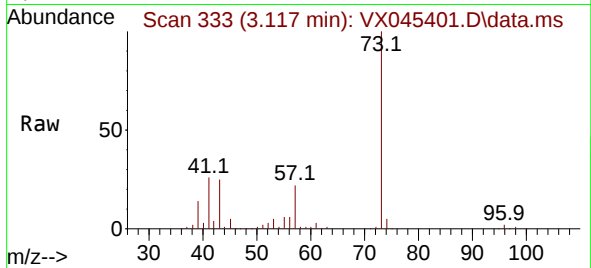




#19
Methyl tert-butyl Ether
Concen: 57.141 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

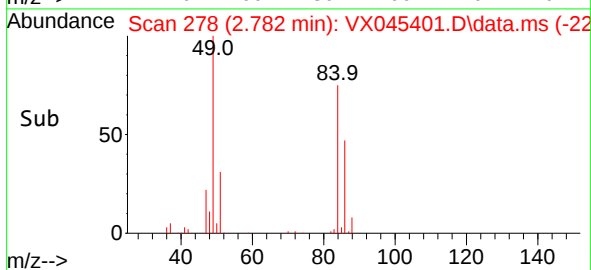
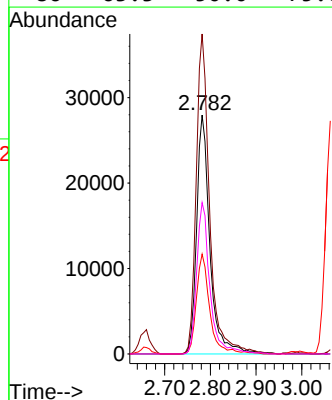
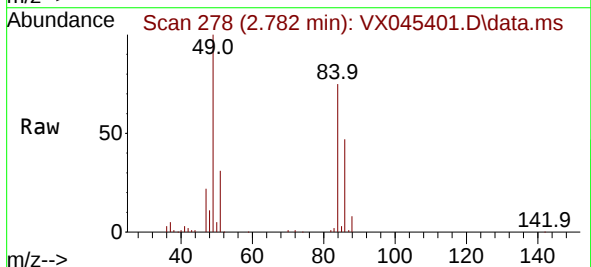
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

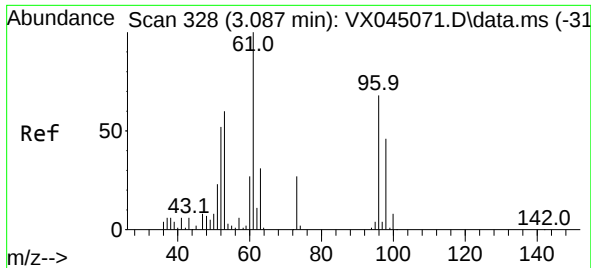
Tgt Ion: 73 Resp: 176330
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7



#20
Methylene Chloride
Concen: 51.722 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 84 Resp: 56599
Ion Ratio Lower Upper
84 100
49 133.9 106.5 159.7
51 41.8 32.1 48.1
86 63.3 50.0 75.0

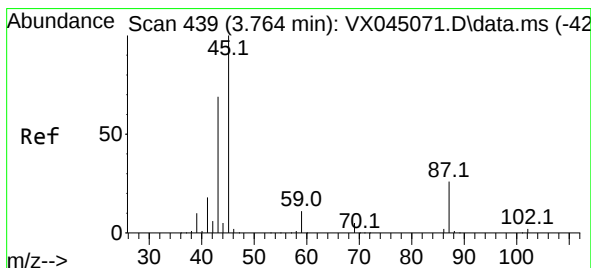
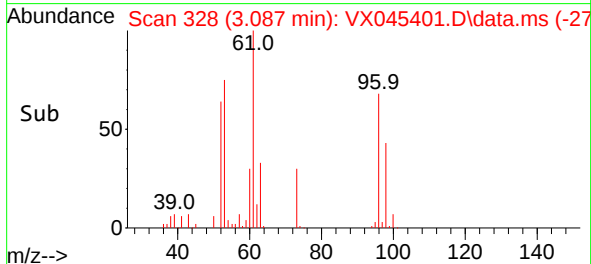
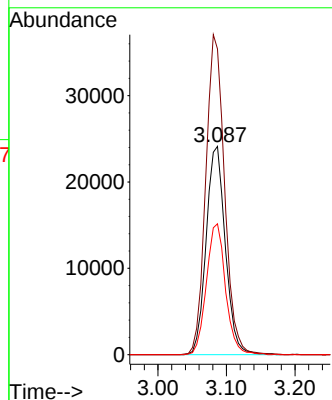
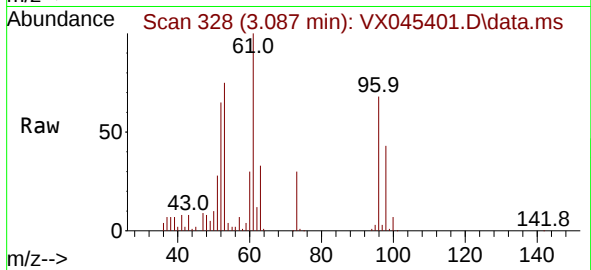




#21
trans-1,2-Dichloroethene
Concen: 51.770 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

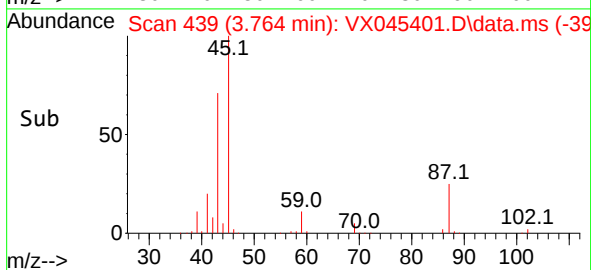
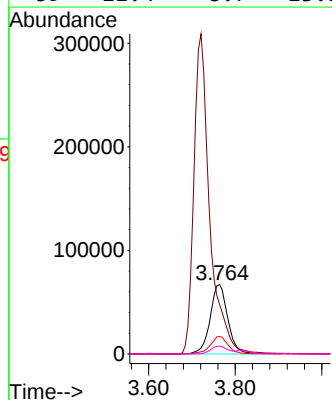
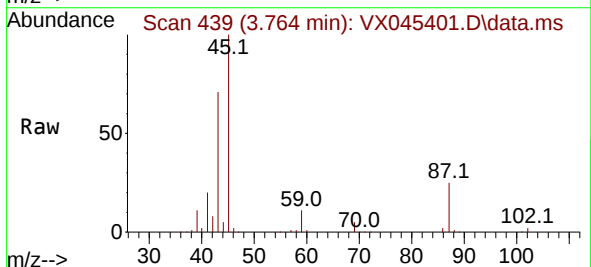
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

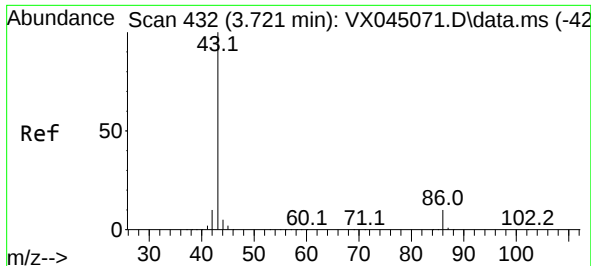
Tgt Ion: 96 Resp: 47043
Ion Ratio Lower Upper
96 100
61 146.8 117.0 175.4
98 62.8 53.4 80.2



#22
Diisopropyl ether
Concen: 57.185 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 45 Resp: 190414
Ion Ratio Lower Upper
45 100
43 71.1 54.9 82.3
87 25.0 21.0 31.4
59 11.4 8.7 13.1

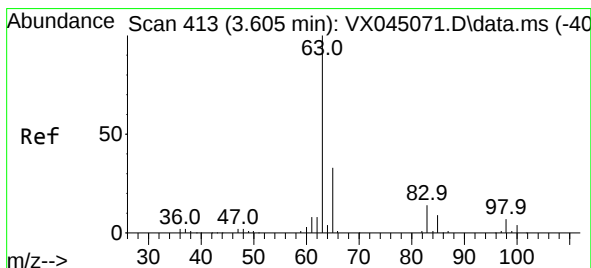
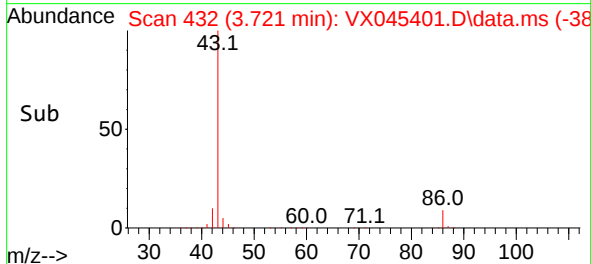
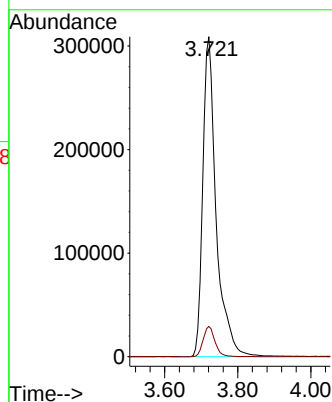
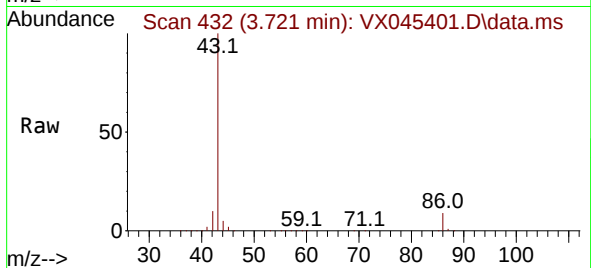




#23
 Vinyl Acetate
 Concen: 282.670 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

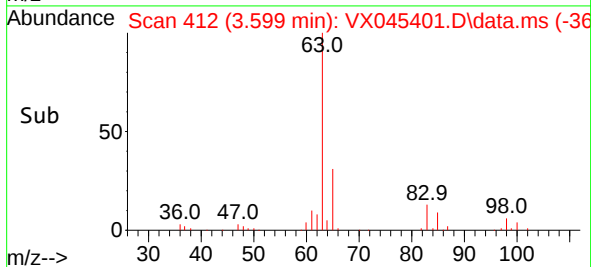
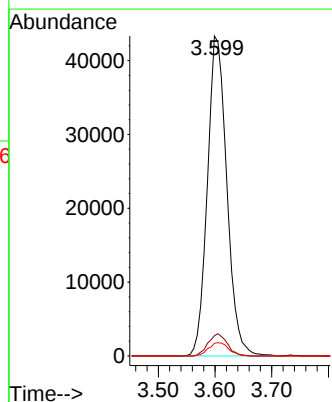
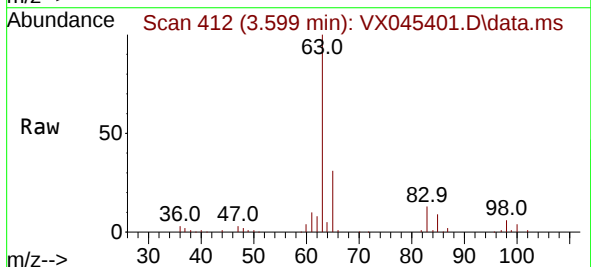
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

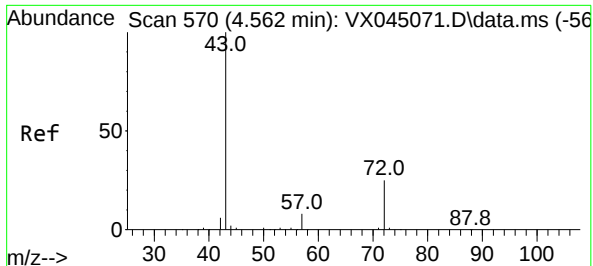
Tgt Ion: 43 Resp: 785465
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 55.318 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

Tgt Ion: 63 Resp: 103230
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.0 2.1 6.5

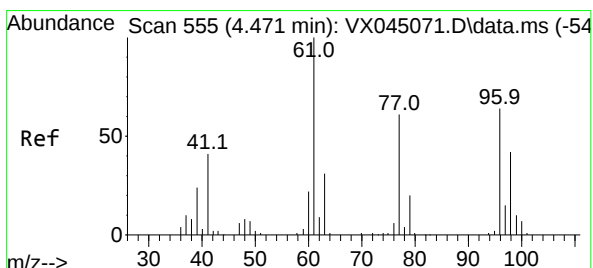
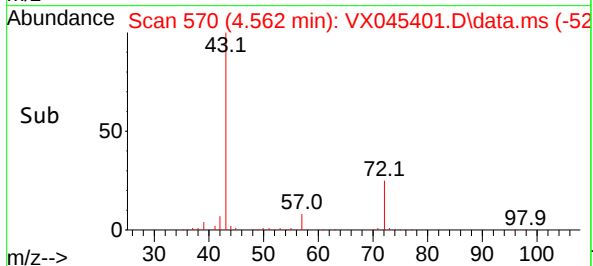
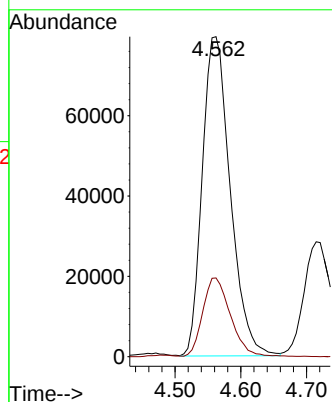
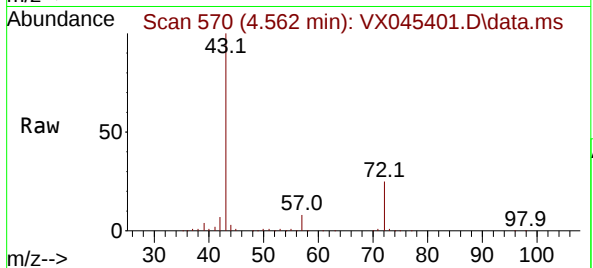




#25
2-Butanone
Concen: 283.702 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

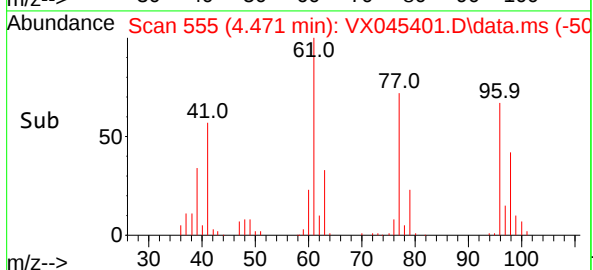
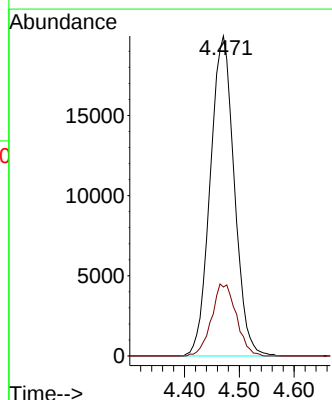
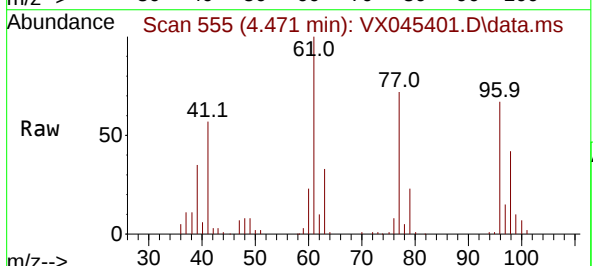
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 235908
Ion Ratio Lower Upper
43 100
72 24.5 20.0 30.0



#26
2,2-Dichloropropane
Concen: 69.398 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 77 Resp: 60745
Ion Ratio Lower Upper
77 100
97 23.2 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 54.229 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

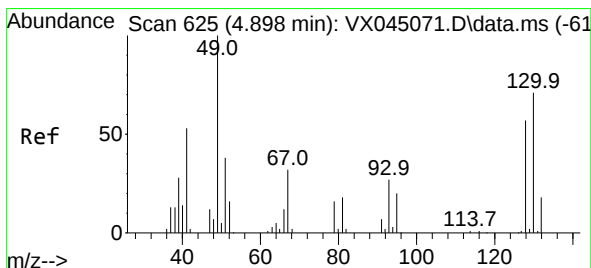
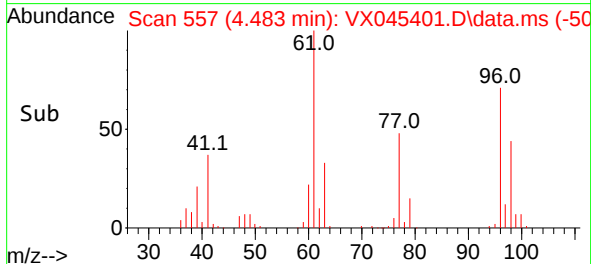
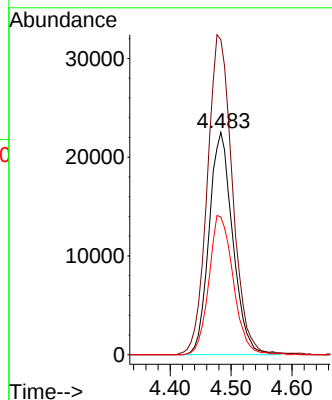
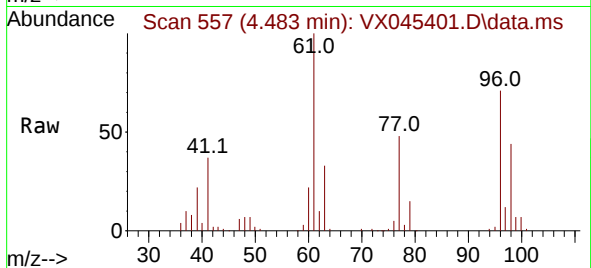
Tgt Ion: 96 Resp: 60830

Ion Ratio Lower Upper

96 100

61 152.5 0.0 283.2

98 64.3 0.0 128.0



#28

Bromochloromethane

Concen: 57.732 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

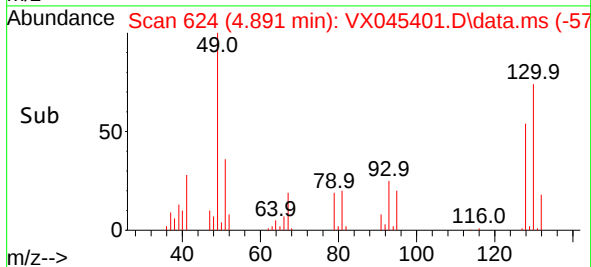
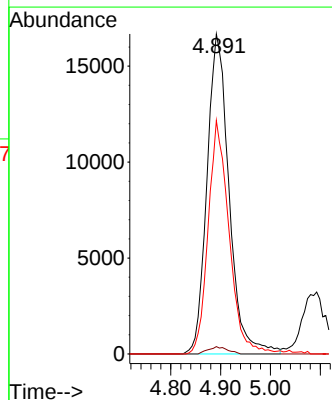
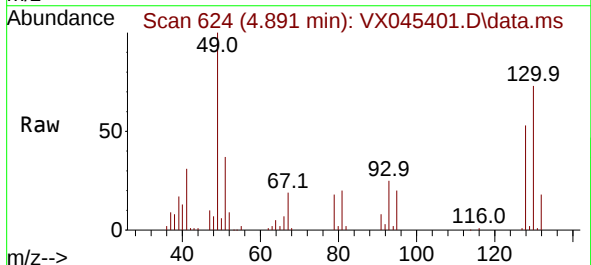
Tgt Ion: 49 Resp: 51351

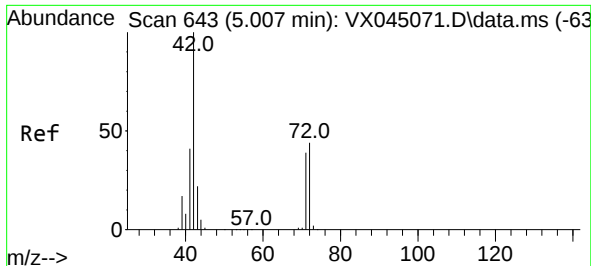
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.4

130 69.3 56.1 84.1





#29

Tetrahydrofuran

Concen: 269.265 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

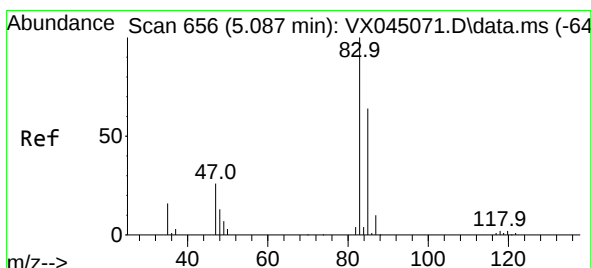
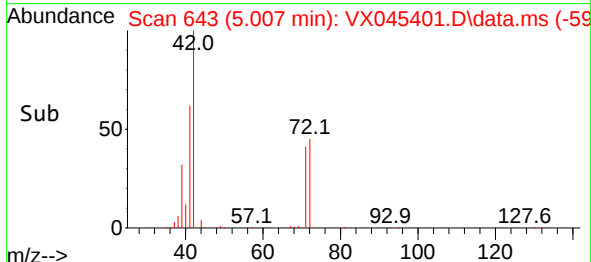
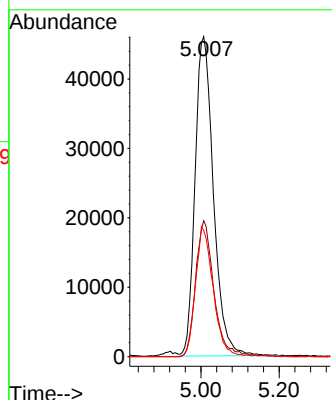
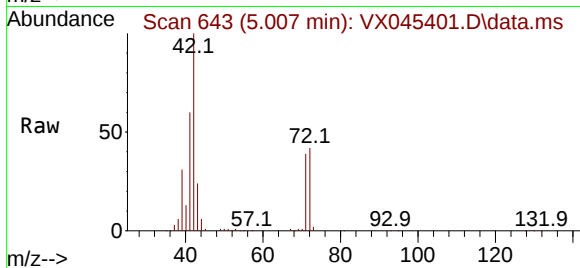
Tgt Ion: 42 Resp: 150362

Ion Ratio Lower Upper

42 100

72 42.6 34.1 51.1

71 39.1 31.4 47.0



#30

Chloroform

Concen: 58.430 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045401.D

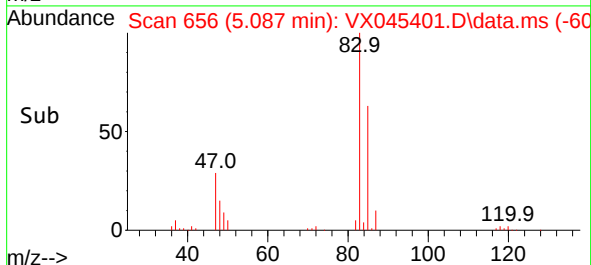
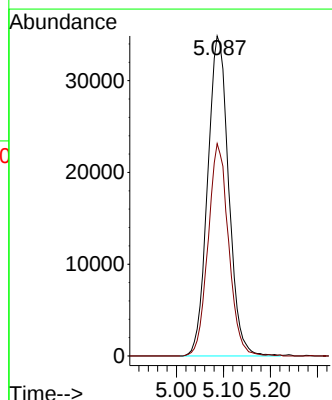
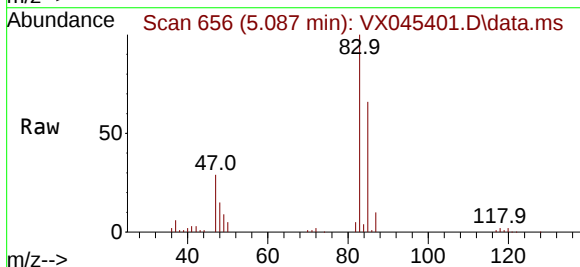
Acq: 21 Mar 2025 20:41

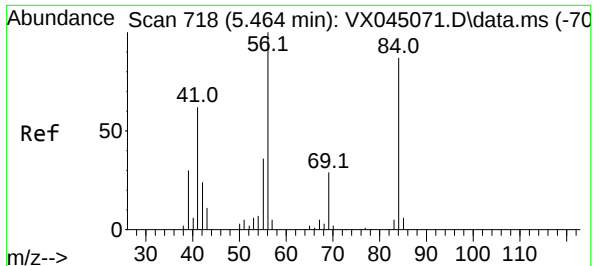
Tgt Ion: 83 Resp: 108341

Ion Ratio Lower Upper

83 100

85 66.4 51.4 77.2

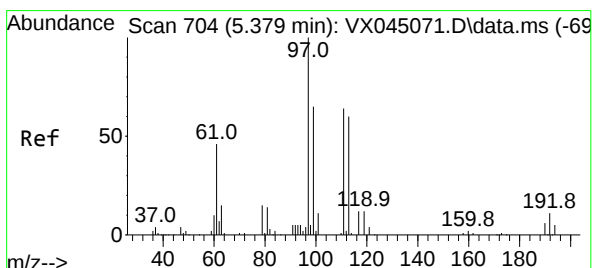
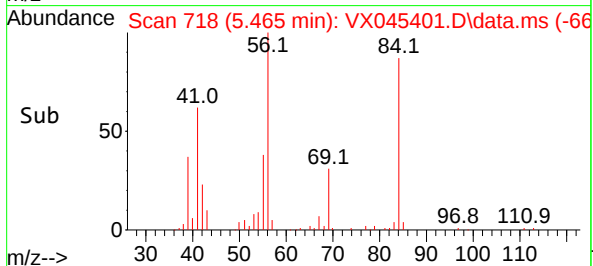
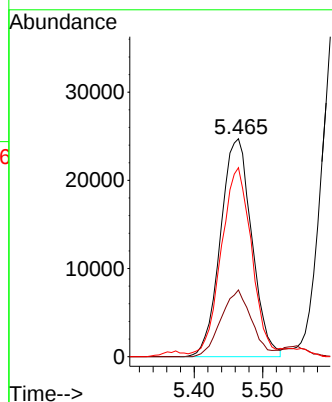
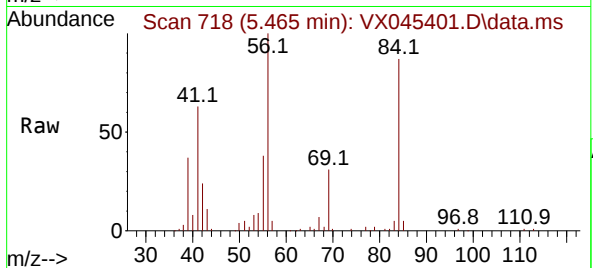




#31
Cyclohexane
Concen: 48.368 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

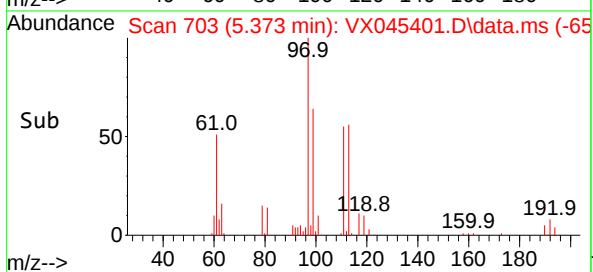
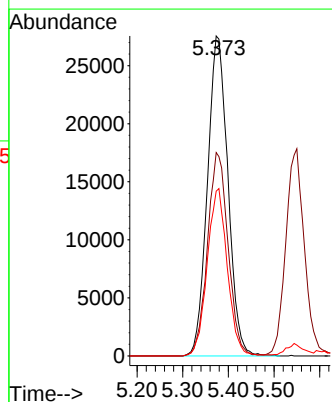
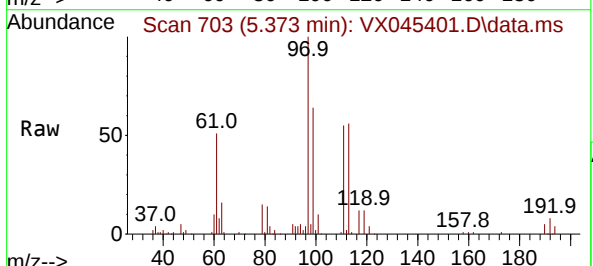
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

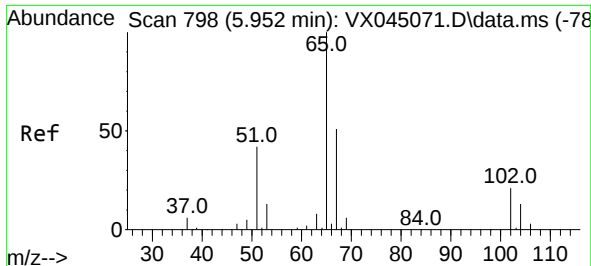
Tgt Ion: 56 Resp: 78351
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 85.0 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 57.268 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 97 Resp: 85762
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 51.4 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 54.980 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

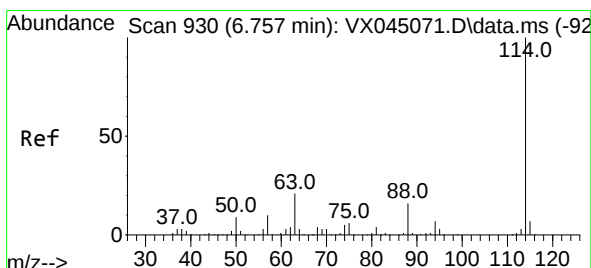
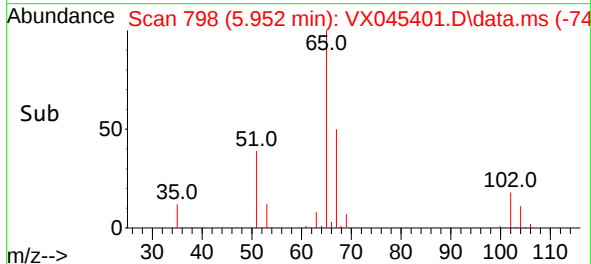
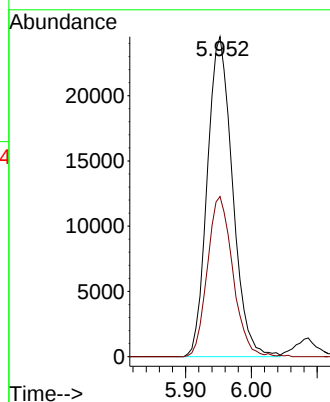
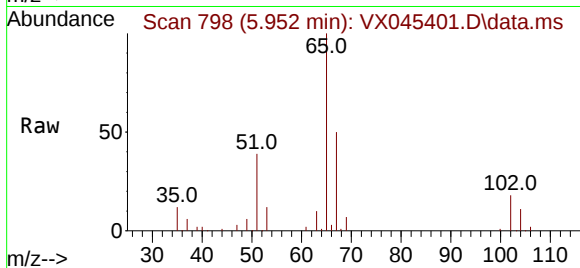
VSTDCCC050EC

Tgt Ion: 65 Resp: 65462

Ion Ratio Lower Upper

65 100

67 50.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

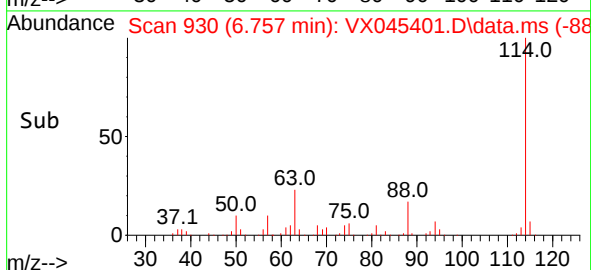
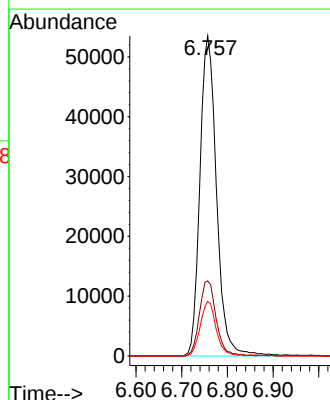
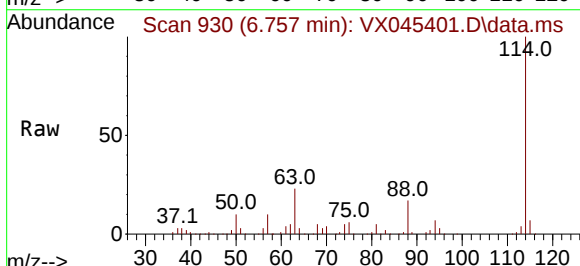
Tgt Ion: 114 Resp: 134934

Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.8

88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.497 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

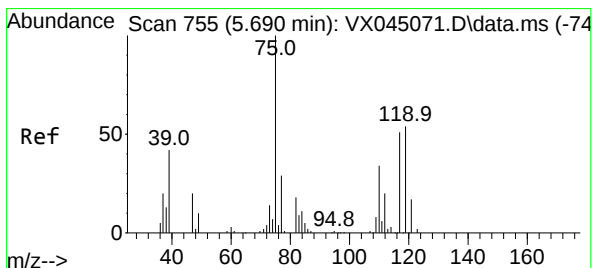
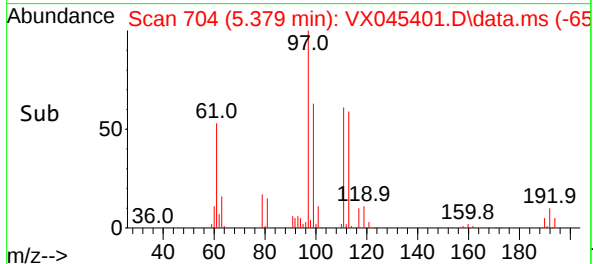
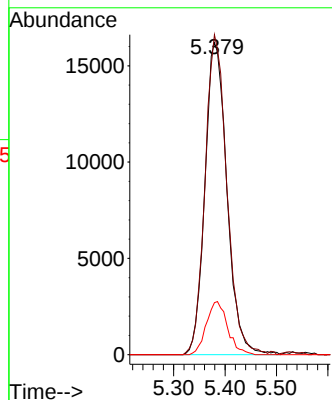
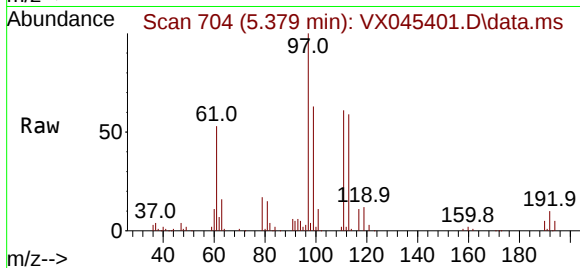
Tgt Ion:113 Resp: 48269

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.6

192 16.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 53.446 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

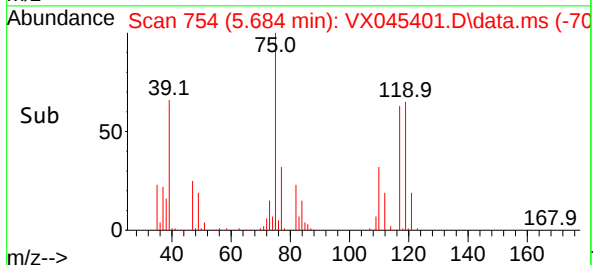
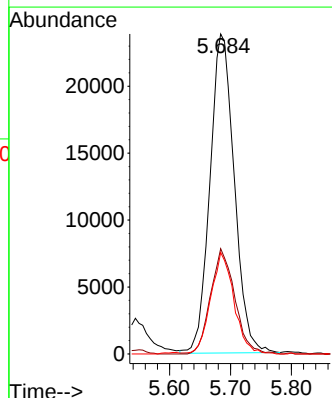
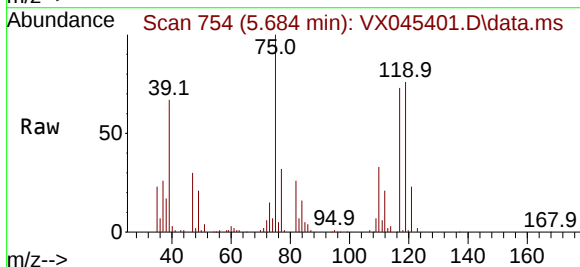
Tgt Ion: 75 Resp: 66133

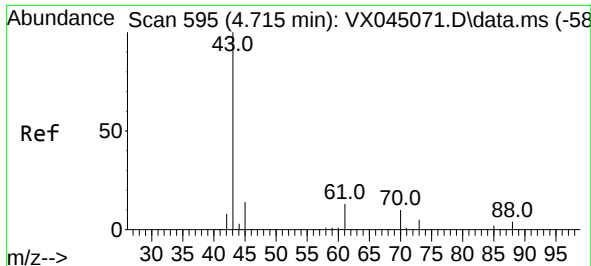
Ion Ratio Lower Upper

75 100

110 32.9 16.9 50.6

77 30.4 24.5 36.7

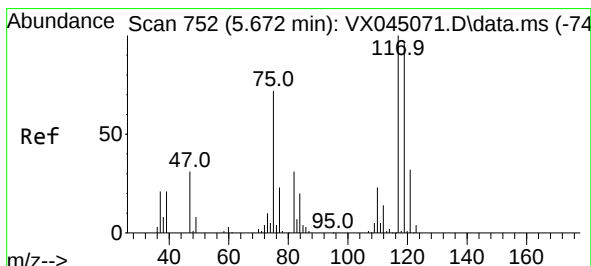
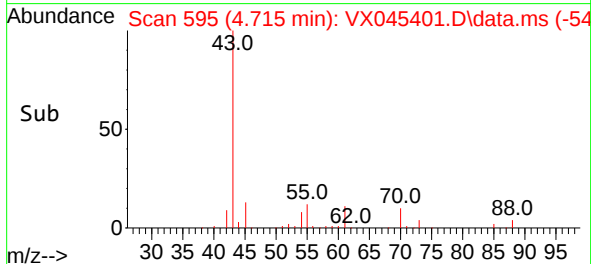
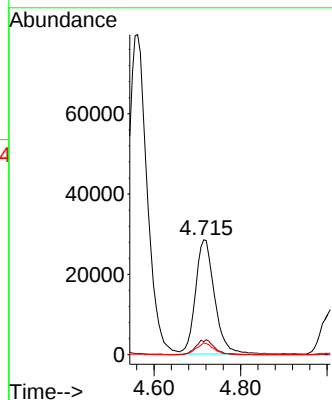
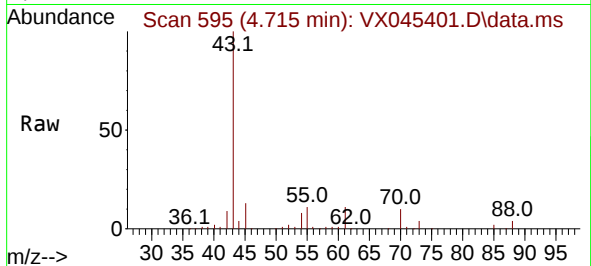




#37
Ethyl Acetate
Concen: 54.690 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

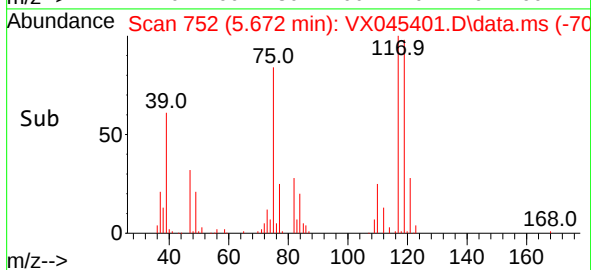
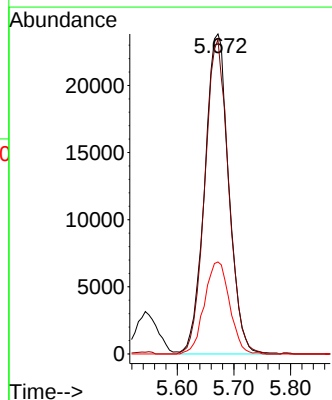
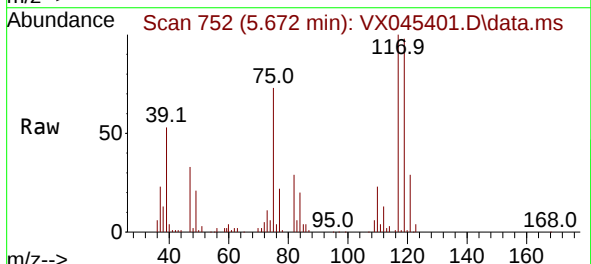
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 87199
Ion Ratio Lower Upper
43 100
61 12.7 10.8 16.2
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 56.138 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 117 Resp: 70522
Ion Ratio Lower Upper
117 100
119 98.3 76.7 115.1
121 28.8 25.5 38.3

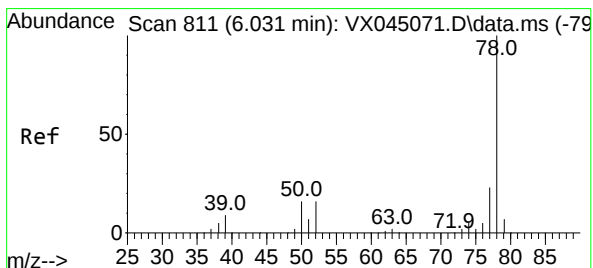
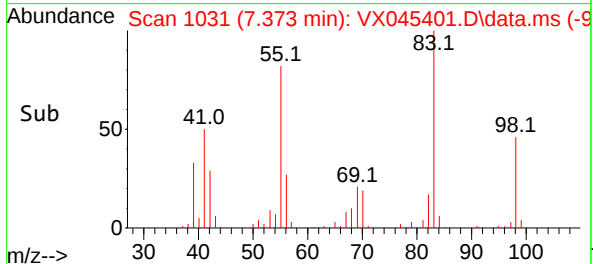
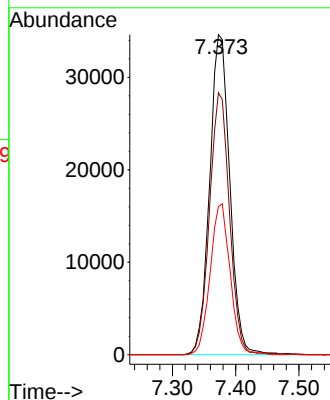
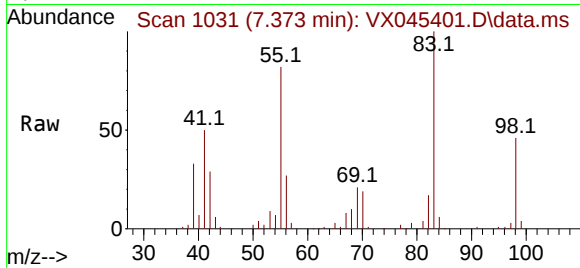




#39
Methylcyclohexane
Concen: 51.725 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

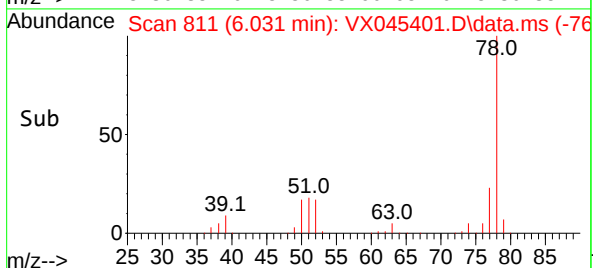
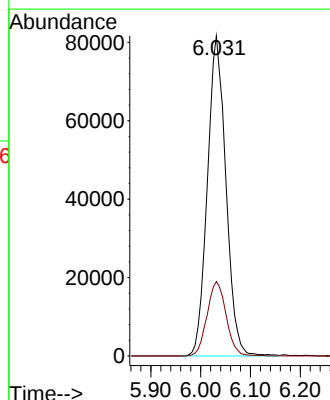
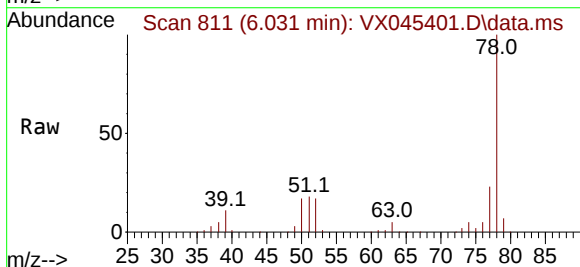
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

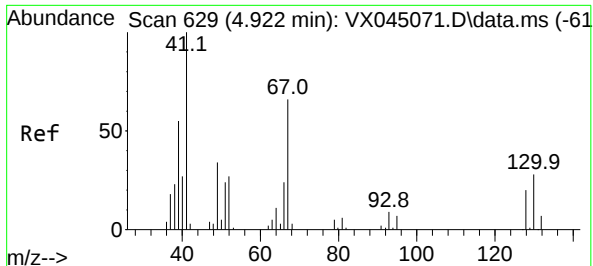
Tgt Ion:	83	Resp:	76690
Ion	Ratio	Lower	Upper
83	100		
55	81.8	63.0	94.4
98	46.4	39.7	59.5



#40
Benzene
Concen: 53.866 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion:	78	Resp:	210474
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2

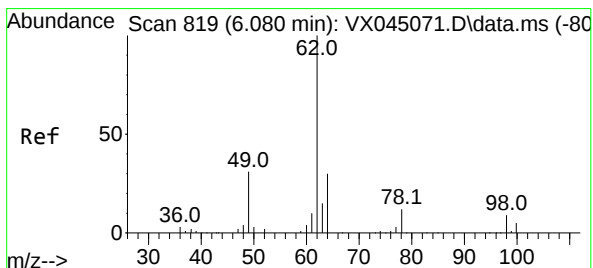
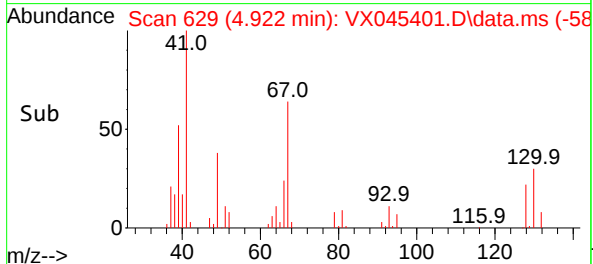
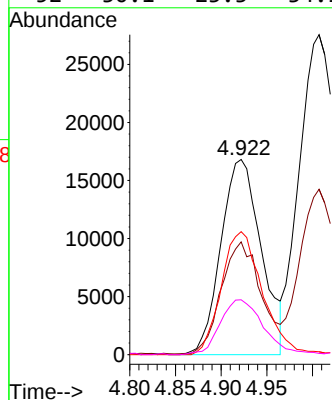
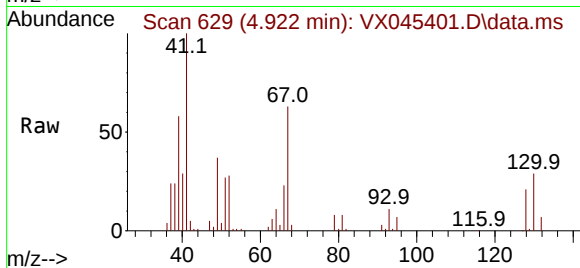




#41
Methacrylonitrile
Concen: 59.981 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

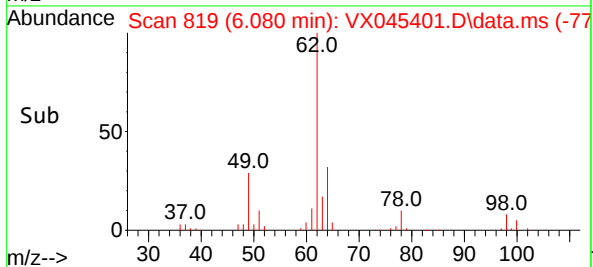
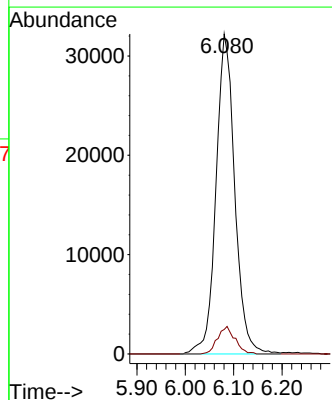
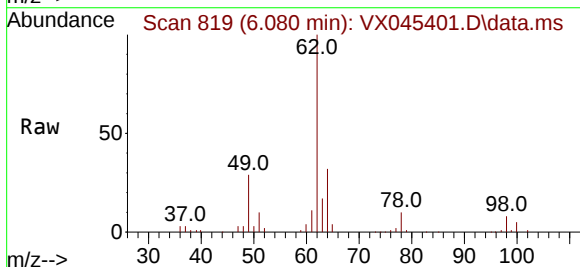
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

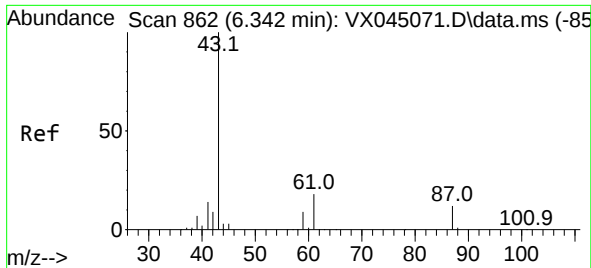
Tgt Ion:	41	Resp:	51712
Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.6	67.0
67	64.4	53.9	80.9
52	30.1	23.3	34.9



#42
1,2-Dichloroethane
Concen: 61.661 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion:	62	Resp:	86759
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.2

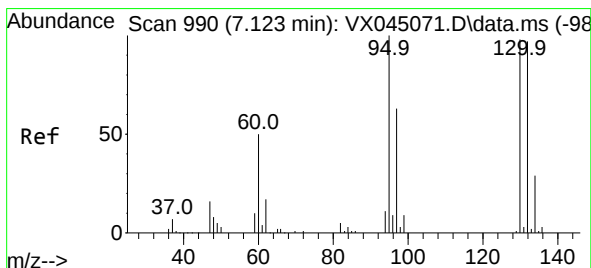
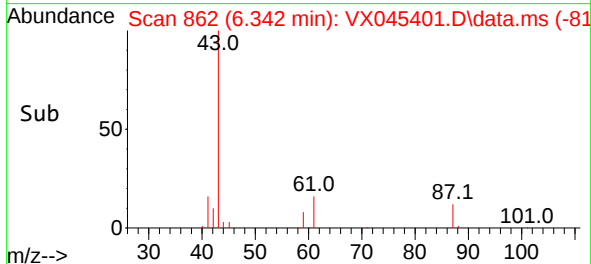
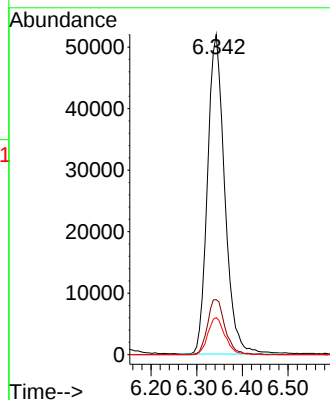
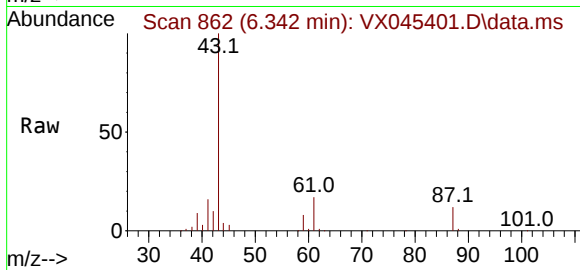




#43
Isopropyl Acetate
Concen: 57.582 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

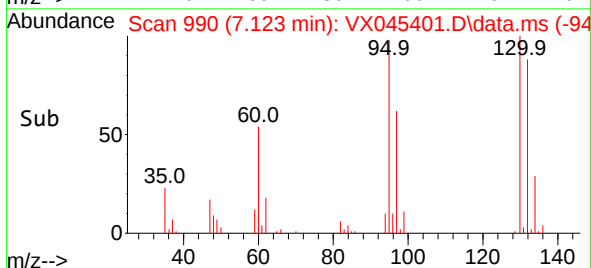
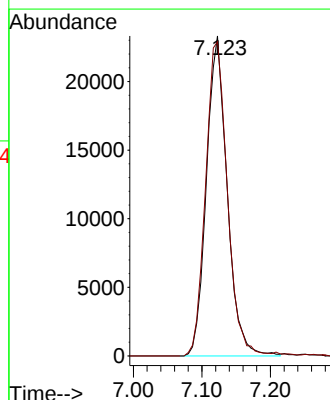
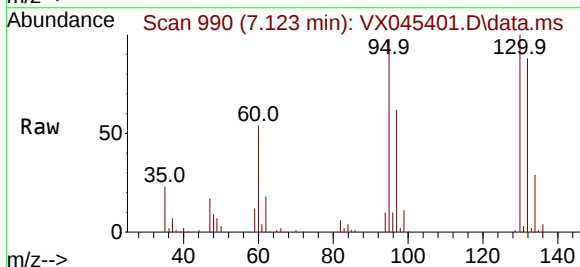
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

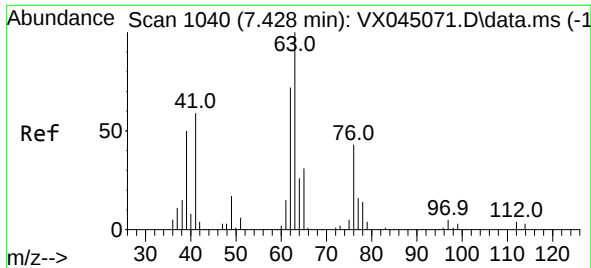
Tgt Ion: 43 Resp: 135762
Ion Ratio Lower Upper
43 100
61 17.6 14.9 22.3
87 11.5 9.4 14.2



#44
Trichloroethene
Concen: 53.459 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion:130 Resp: 49047
Ion Ratio Lower Upper
130 100
95 98.2 0.0 205.0

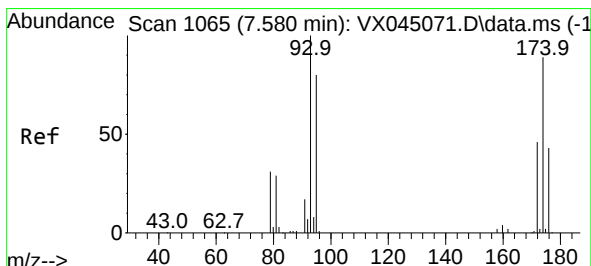
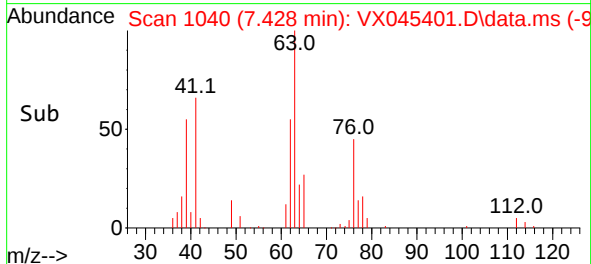
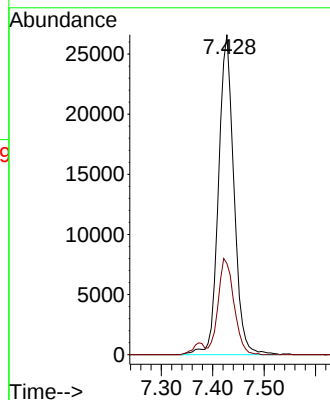
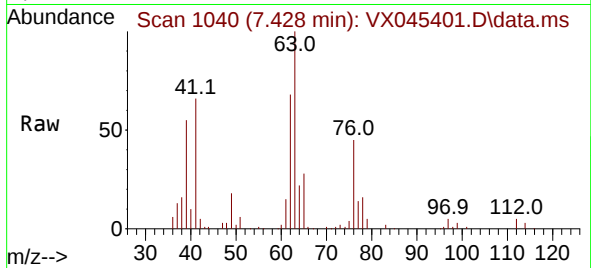




#45
1,2-Dichloropropane
Concen: 55.246 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

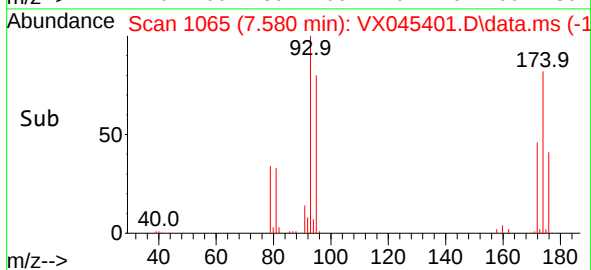
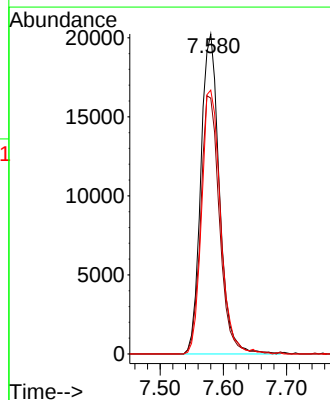
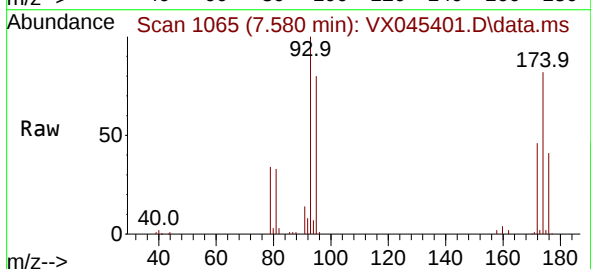
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

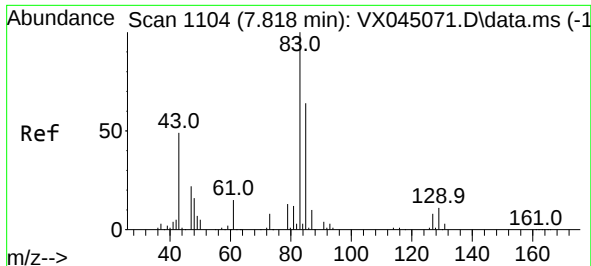
Tgt Ion: 63 Resp: 55501
Ion Ratio Lower Upper
63 100
65 28.5 24.7 37.1



#46
Dibromomethane
Concen: 58.374 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 93 Resp: 41450
Ion Ratio Lower Upper
93 100
95 81.5 65.8 98.8
174 83.9 72.2 108.2

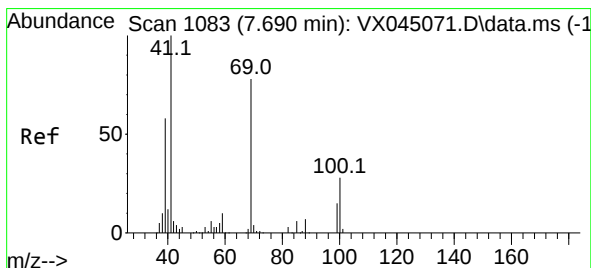
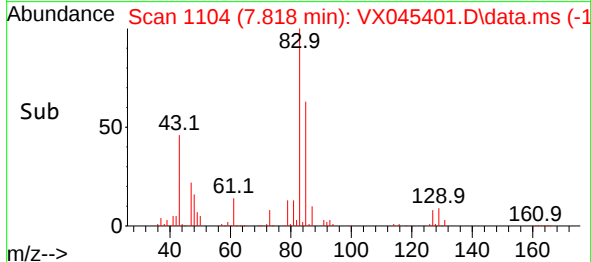
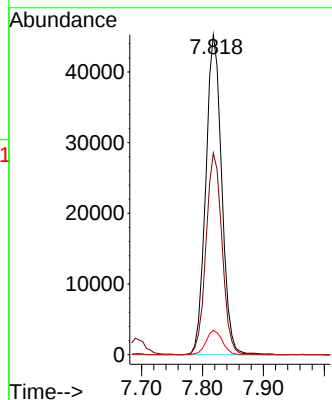
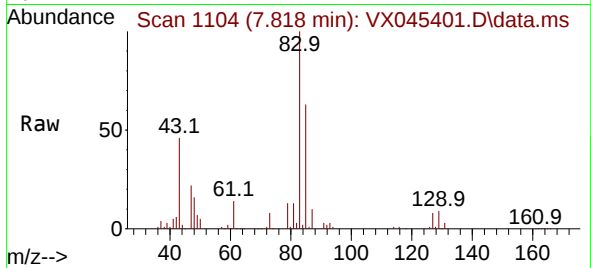




#47
Bromodichloromethane
Concen: 59.068 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

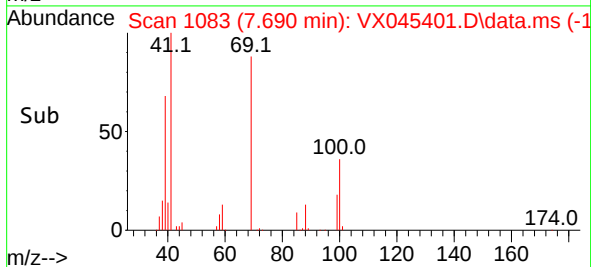
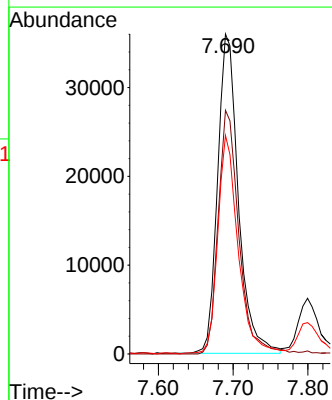
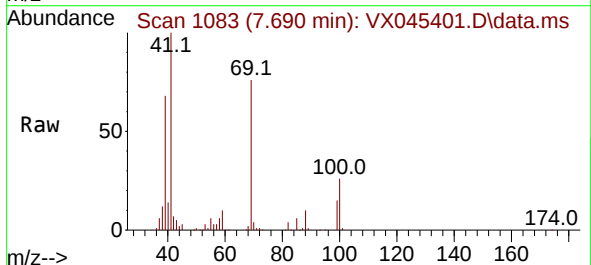
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

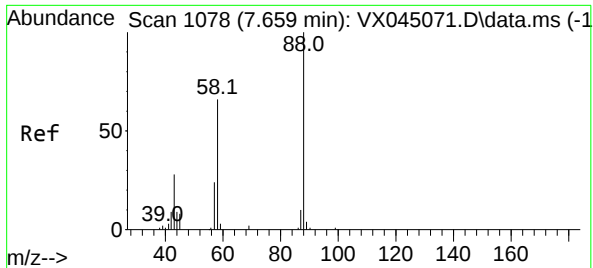
Tgt Ion: 83 Resp: 82269
Ion Ratio Lower Upper
83 100
85 63.0 51.1 76.7
127 7.6 6.4 9.6



#48
Methyl methacrylate
Concen: 58.949 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 41 Resp: 69727
Ion Ratio Lower Upper
41 100
69 76.1 63.0 94.6
39 67.2 47.5 71.3

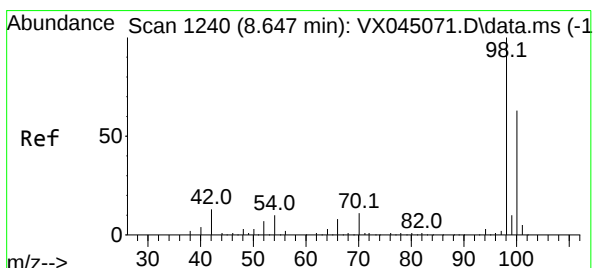
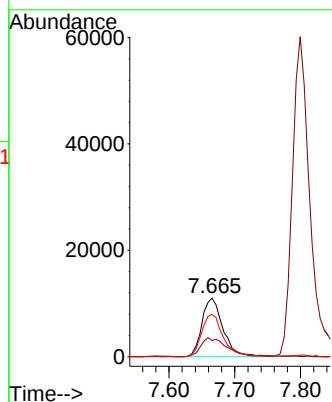
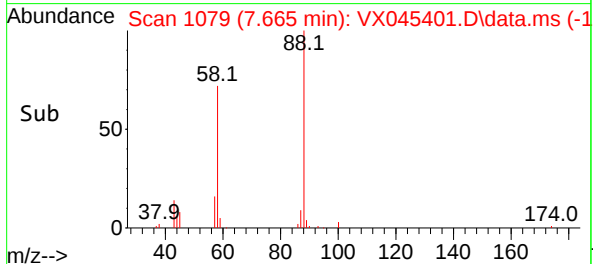
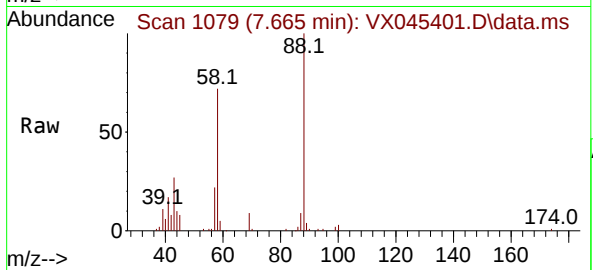




#49
 1,4-Dioxane
 Concen: 985.741 ug/l
 RT: 7.665 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

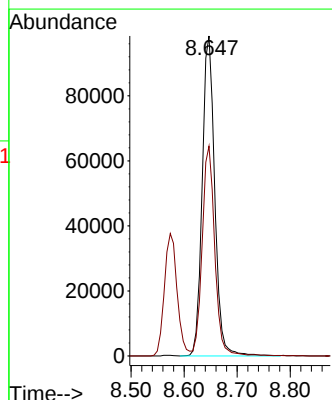
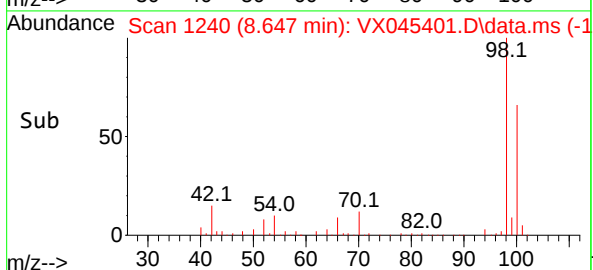
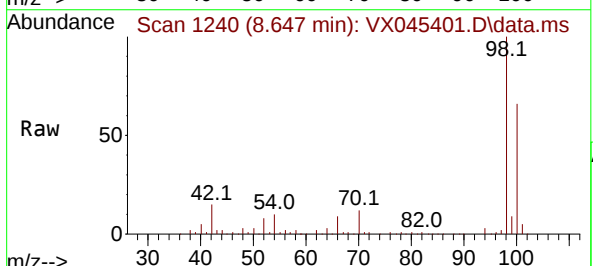
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 24595
 Ion Ratio Lower Upper
 88 100
 43 39.6 28.7 43.1
 58 73.7 55.8 83.8



#50
 Toluene-d8
 Concen: 49.417 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

Tgt Ion: 98 Resp: 161646
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.0 78.0

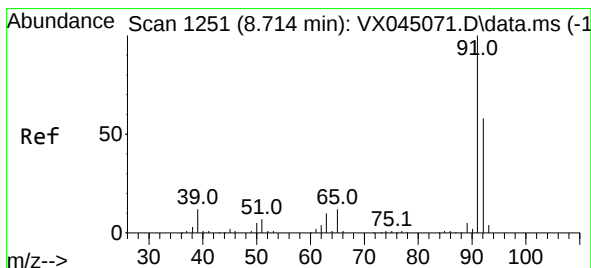
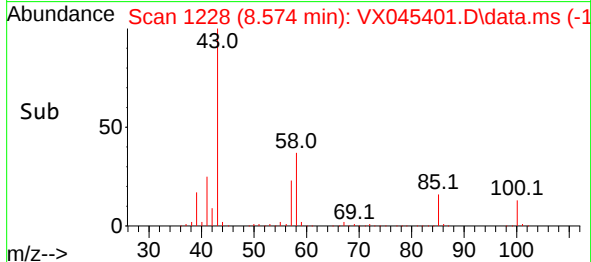
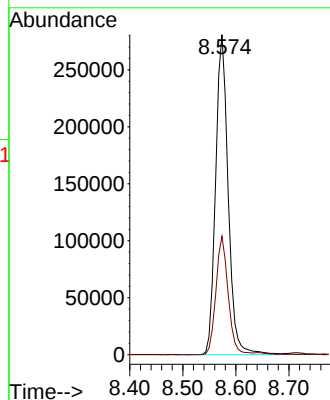
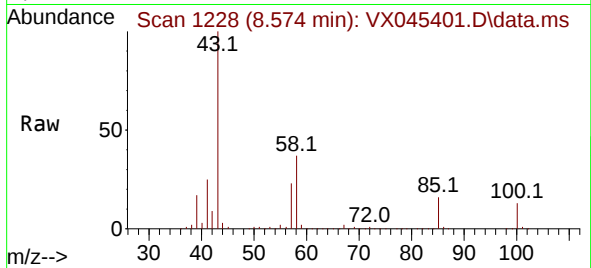




#51
4-Methyl-2-Pentanone
Concen: 292.590 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

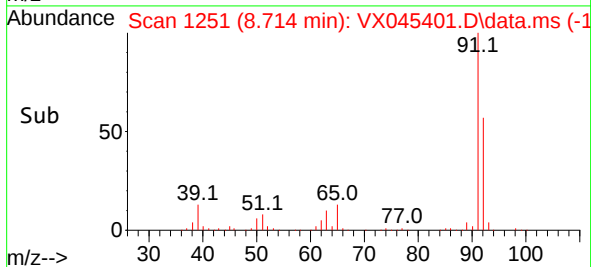
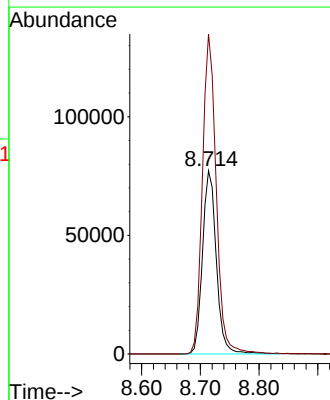
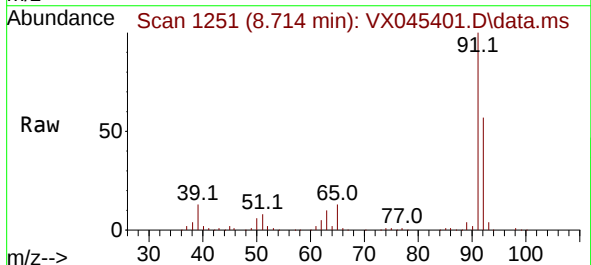
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 463190
Ion Ratio Lower Upper
43 100
58 36.0 29.2 43.8



#52
Toluene
Concen: 55.048 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 92 Resp: 126198
Ion Ratio Lower Upper
92 100
91 173.9 138.9 208.3

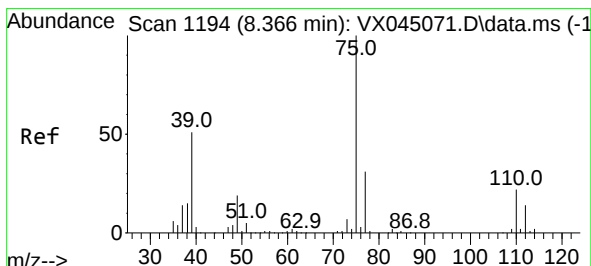
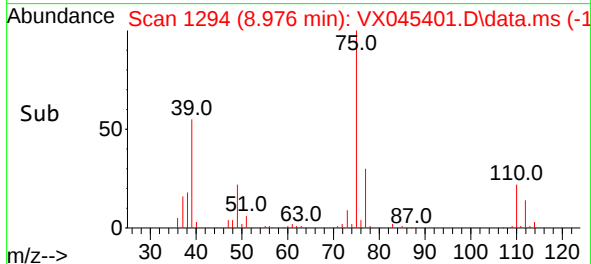
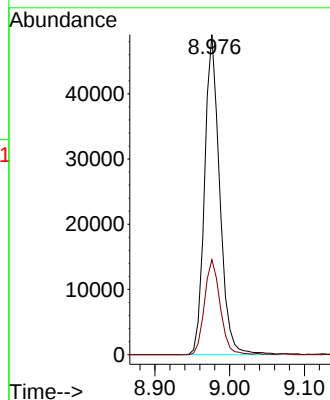
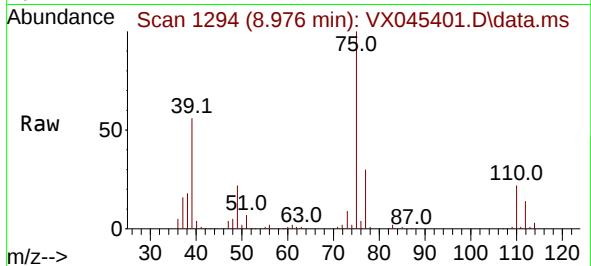




#53
 t-1,3-Dichloropropene
 Concen: 59.170 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

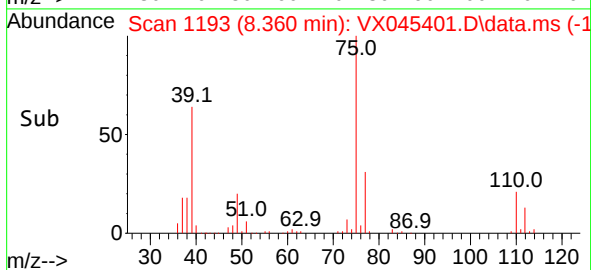
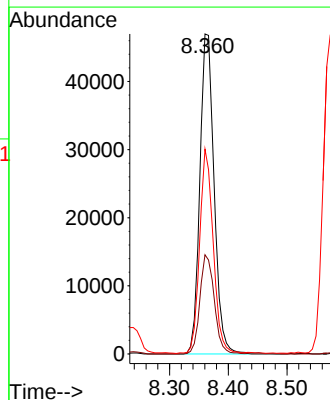
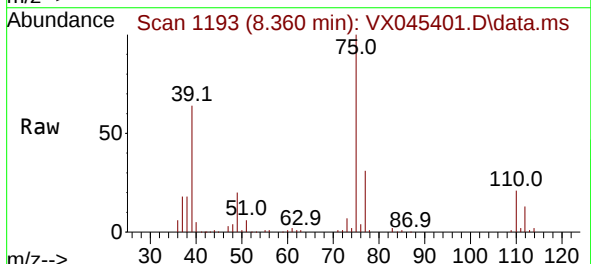
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

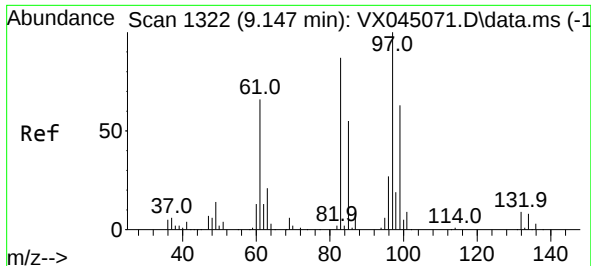
Tgt Ion: 75 Resp: 68896
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 58.304 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

Tgt Ion: 75 Resp: 79164
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.7 37.1
 39 63.8 40.7 61.1#

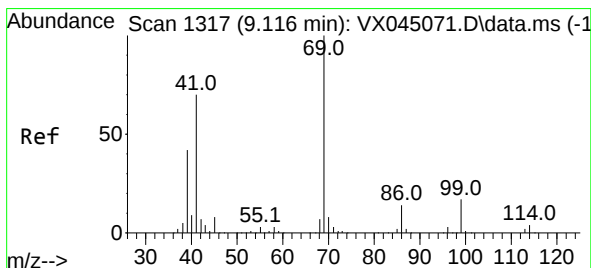
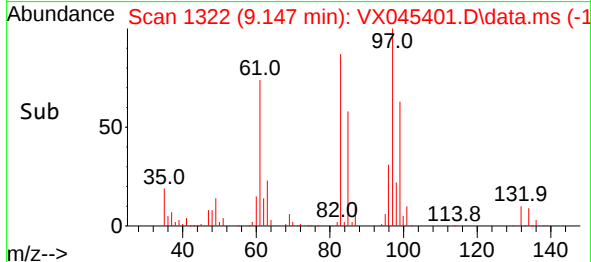
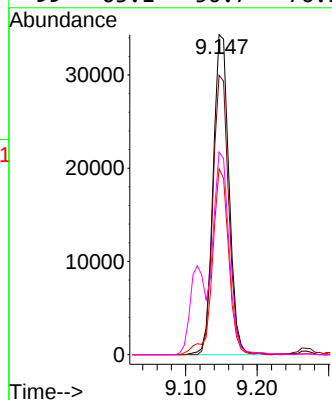
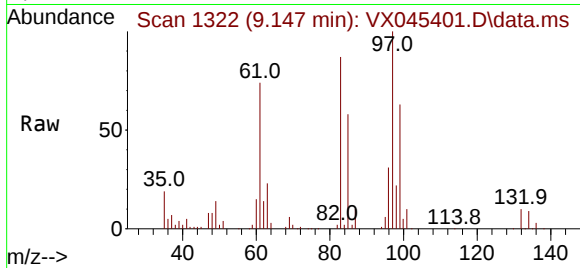




#55
 1,1,2-Trichloroethane
 Concen: 56.131 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

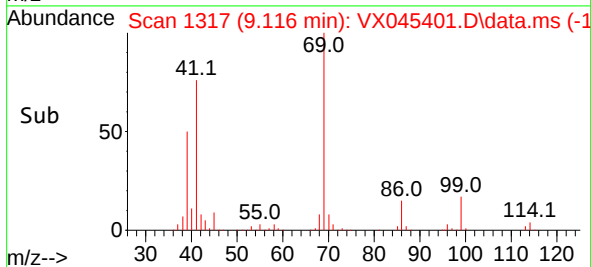
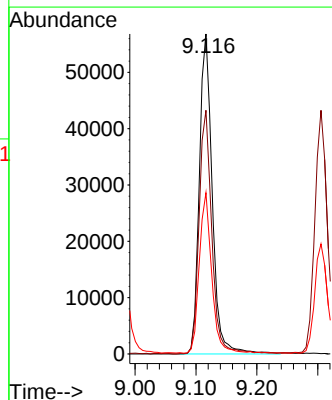
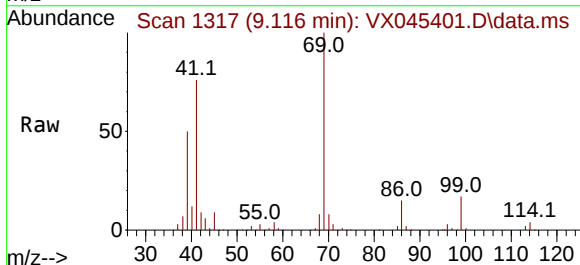
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

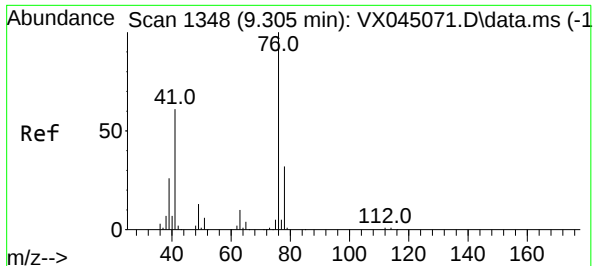
Tgt Ion: 97	Resp: 52975
Ion Ratio	Lower Upper
97 100	
83 87.3	69.4 104.2
85 58.1	44.1 66.1
99 63.1	50.7 76.1



#56
 Ethyl methacrylate
 Concen: 58.321 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

Tgt Ion: 69	Resp: 83667
Ion Ratio	Lower Upper
69 100	
41 75.7	57.0 85.4
39 48.9	34.2 51.4





#57

1,3-Dichloropropane

Concen: 56.184 ug/l

RT: 9.305 min Scan# 11764

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

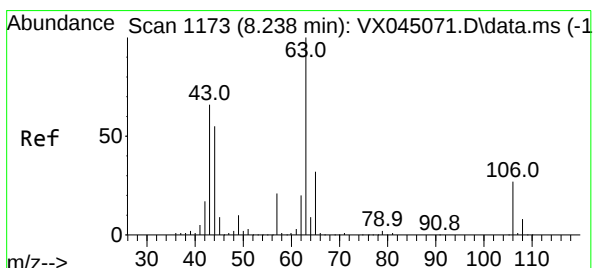
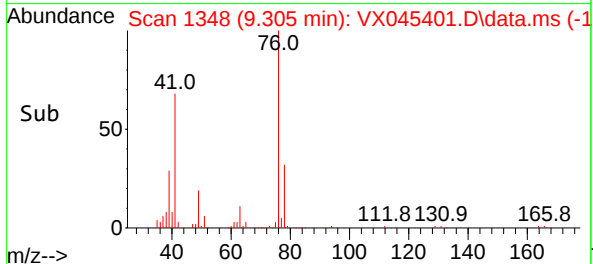
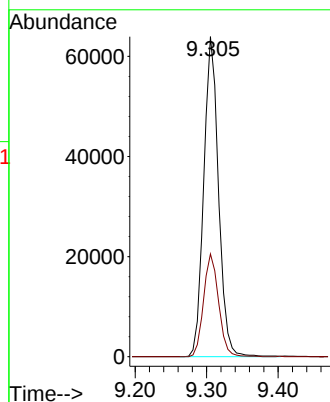
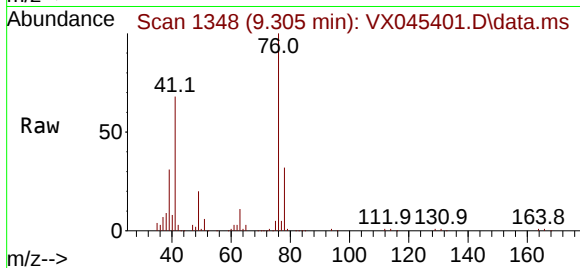
VSTDCCC050EC

Tgt Ion: 76 Resp: 91764

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 327.394 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045401.D

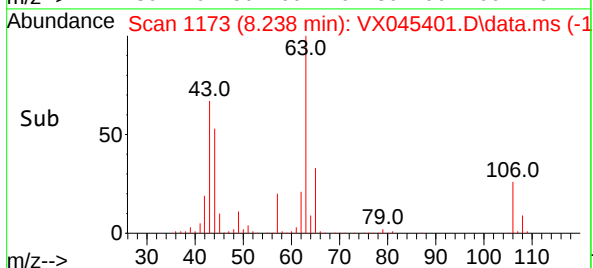
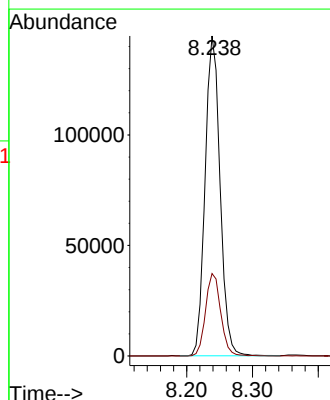
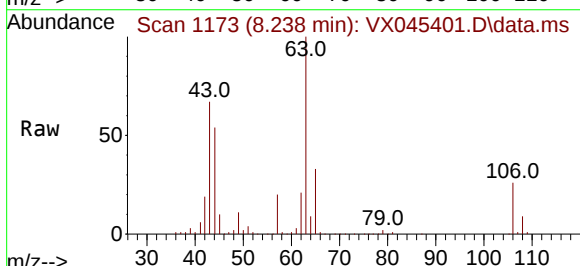
Acq: 21 Mar 2025 20:41

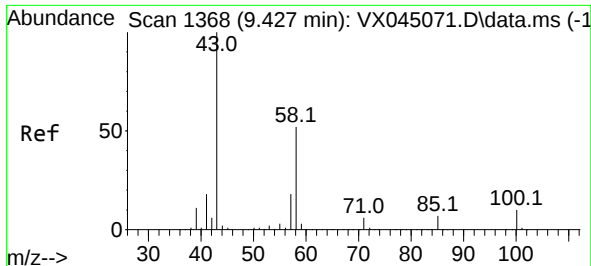
Tgt Ion: 63 Resp: 229112

Ion Ratio Lower Upper

63 100

106 26.1 21.5 32.3





#59

2-Hexanone

Concen: 294.834 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

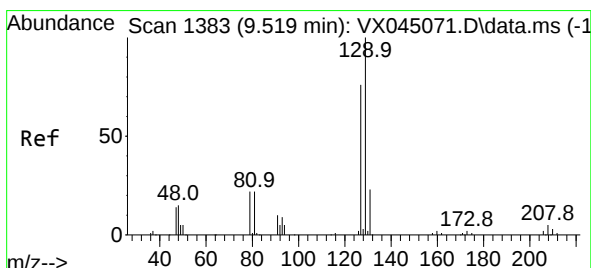
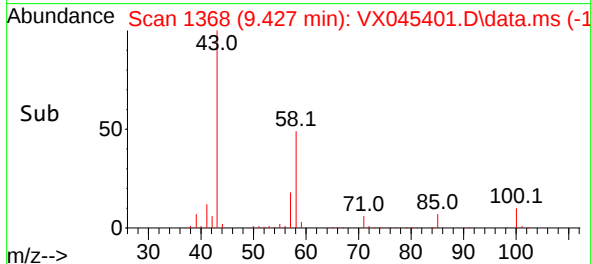
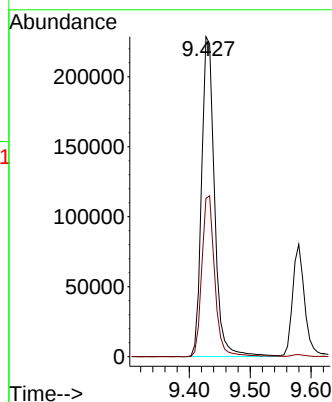
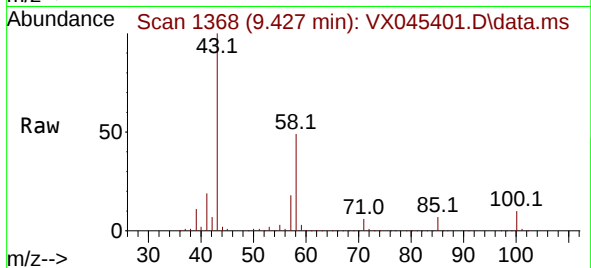
VSTDCCC050EC

Tgt Ion: 43 Resp: 338175

Ion Ratio Lower Upper

43 100

58 50.4 25.9 77.6



#60

Dibromochloromethane

Concen: 57.765 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045401.D

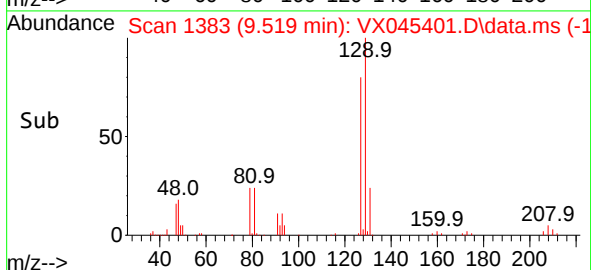
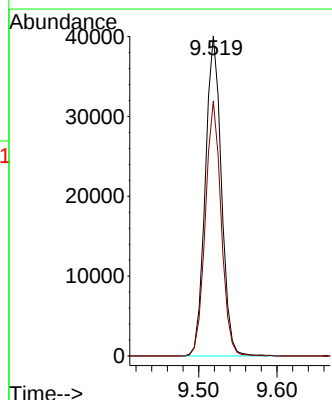
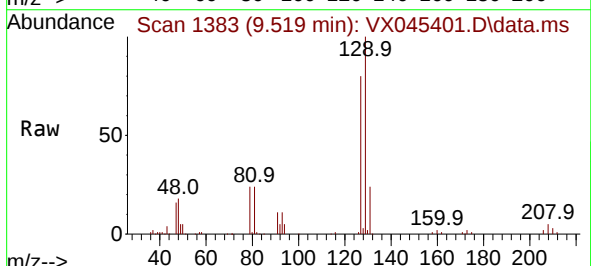
Acq: 21 Mar 2025 20:41

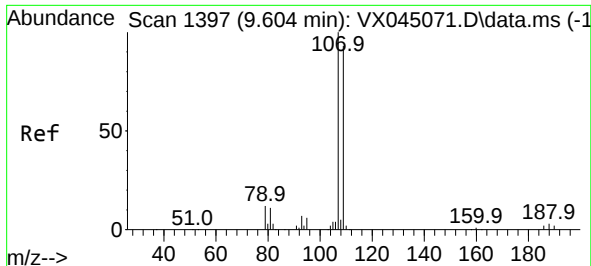
Tgt Ion: 129 Resp: 57002

Ion Ratio Lower Upper

129 100

127 78.2 38.5 115.5

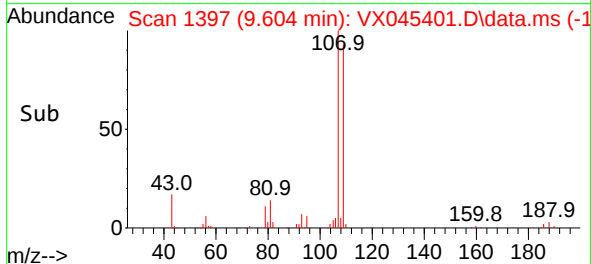
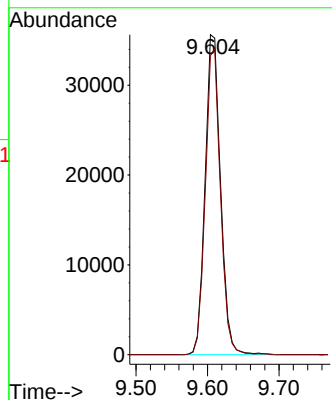
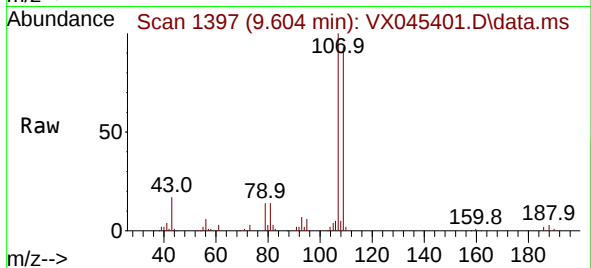




#61
1,2-Dibromoethane
Concen: 56.890 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

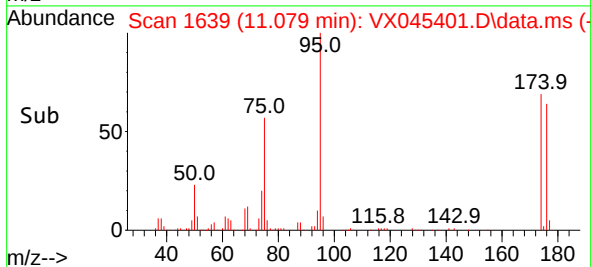
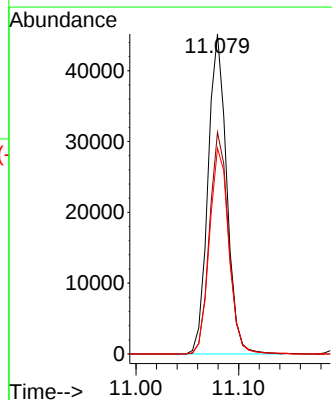
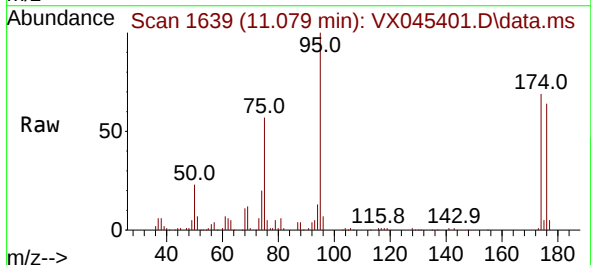
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

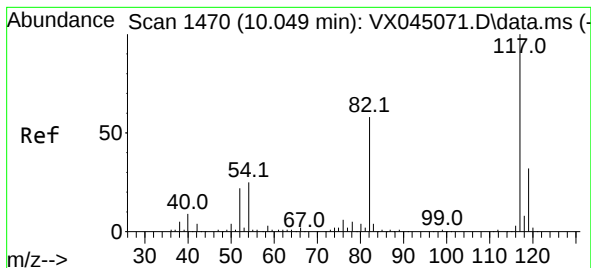
Tgt Ion:107 Resp: 53600
Ion Ratio Lower Upper
107 100
109 93.3 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 52.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 95 Resp: 56960
Ion Ratio Lower Upper
95 100
174 70.5 0.0 148.2
176 66.9 0.0 141.4

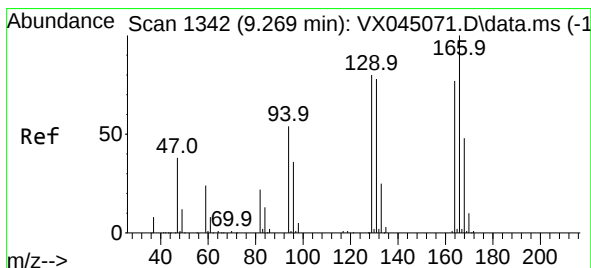
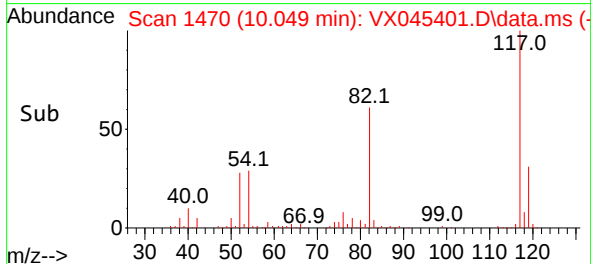
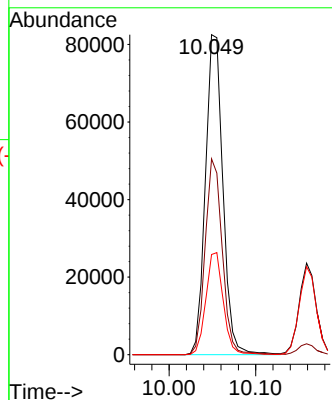
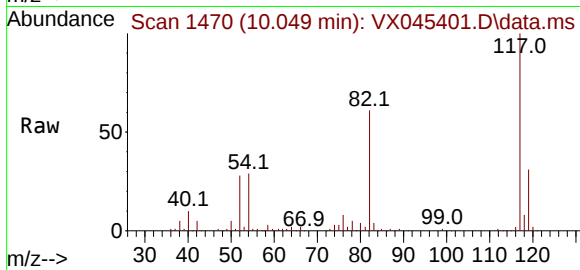




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

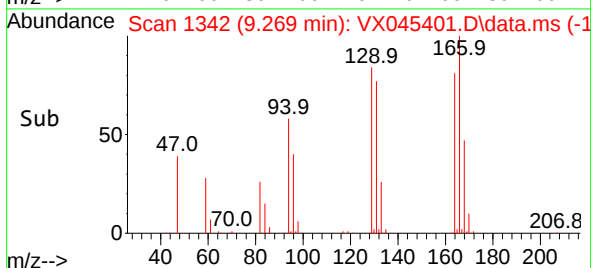
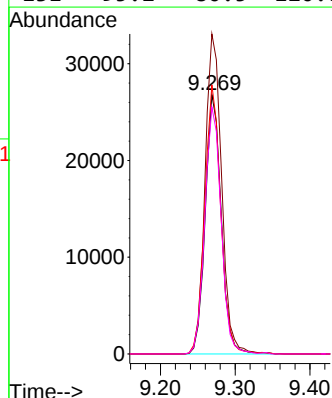
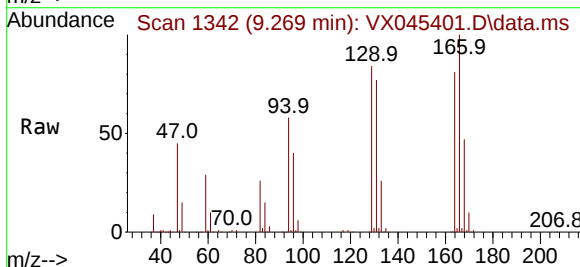
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

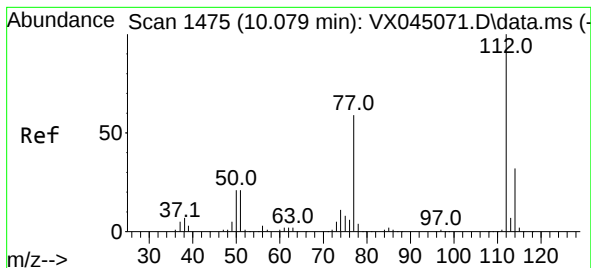
Tgt Ion:117 Resp: 115975
Ion Ratio Lower Upper
117 100
82 61.2 46.3 69.5
119 31.3 25.7 38.5



#64
Tetrachloroethene
Concen: 53.474 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion:164 Resp: 39719
Ion Ratio Lower Upper
164 100
166 123.4 103.6 155.4
129 103.8 82.7 124.1
131 95.2 80.5 120.7





#65

Chlorobenzene

Concen: 53.968 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

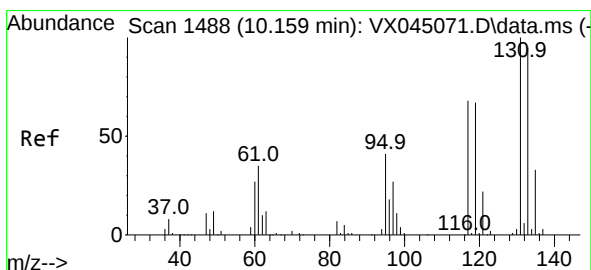
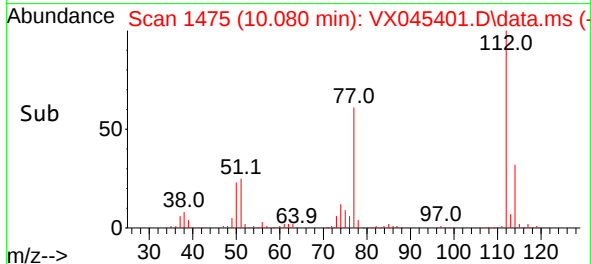
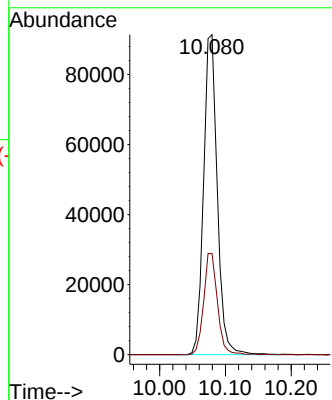
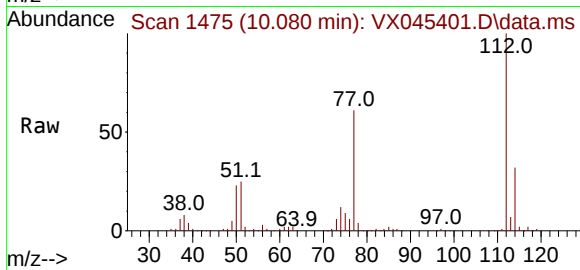
VSTDCCC050EC

Tgt Ion:112 Resp: 132438

Ion Ratio Lower Upper

112 100

114 31.6 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 56.016 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

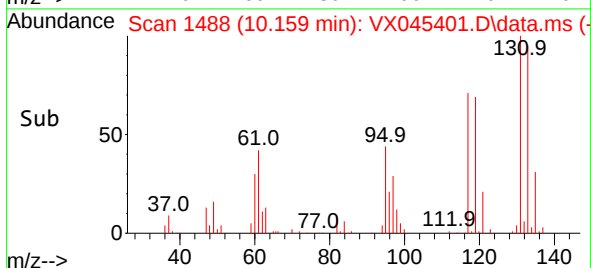
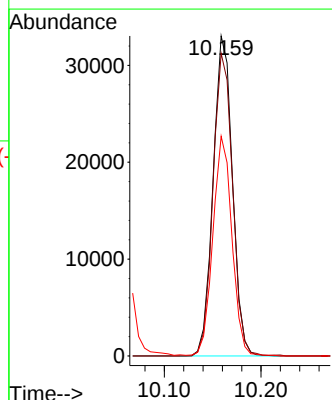
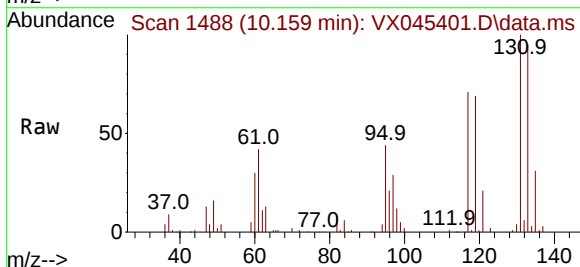
Tgt Ion:131 Resp: 45778

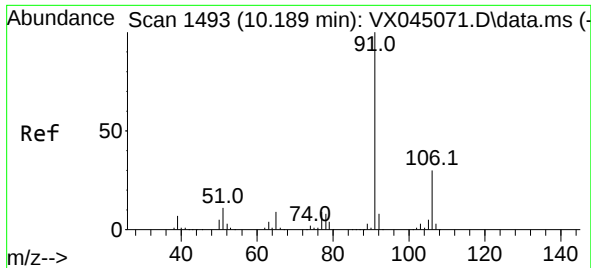
Ion Ratio Lower Upper

131 100

133 95.8 48.6 145.9

119 67.9 33.9 101.7

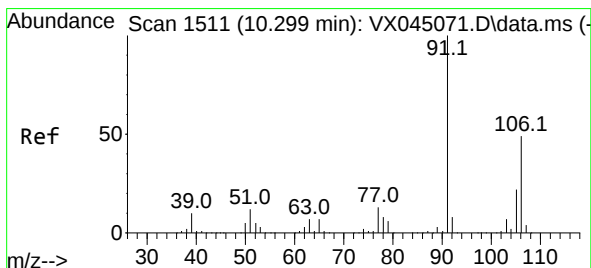
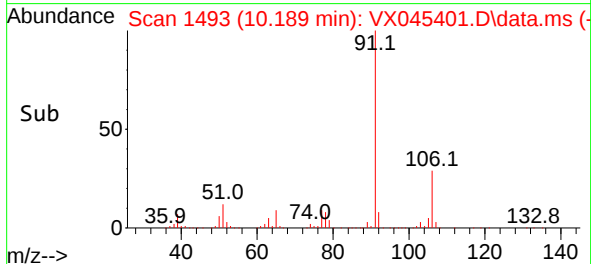
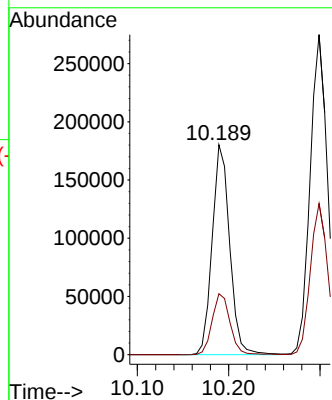
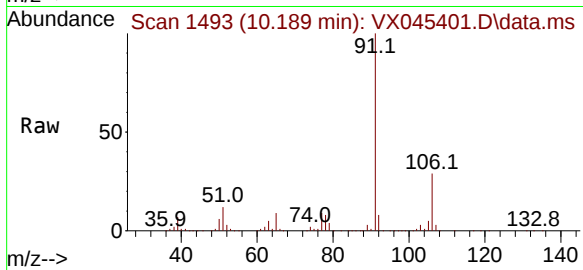




#67
Ethyl Benzene
Concen: 56.012 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

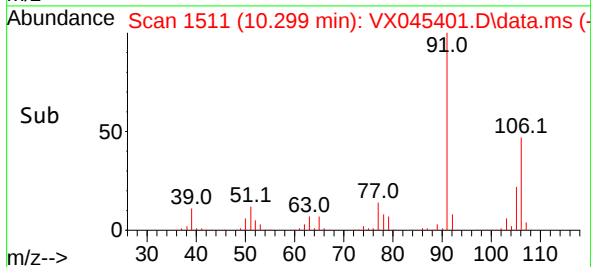
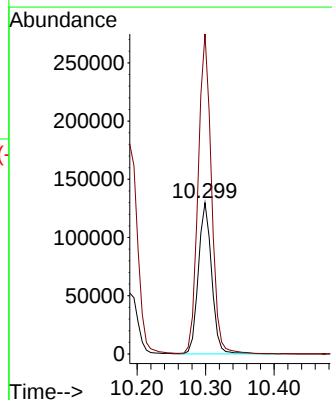
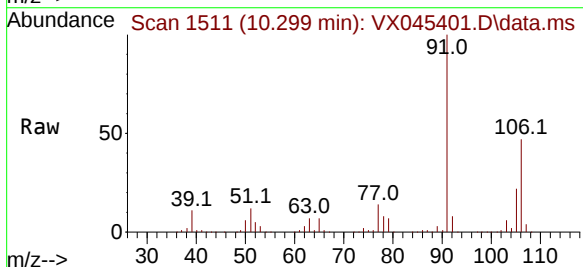
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

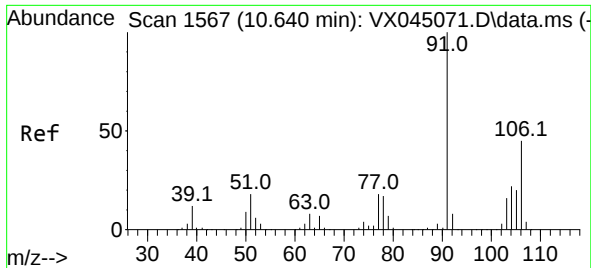
Tgt Ion: 91 Resp: 239507
Ion Ratio Lower Upper
91 100
106 29.0 23.9 35.9



#68
m/p-Xylenes
Concen: 111.853 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion:106 Resp: 175085
Ion Ratio Lower Upper
106 100
91 212.3 165.4 248.0

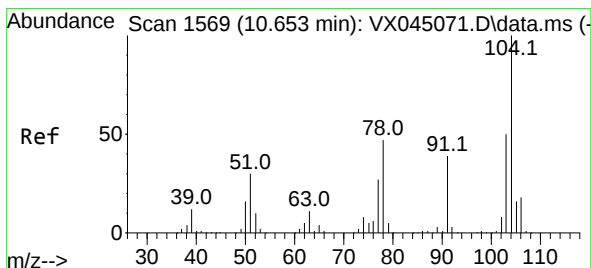
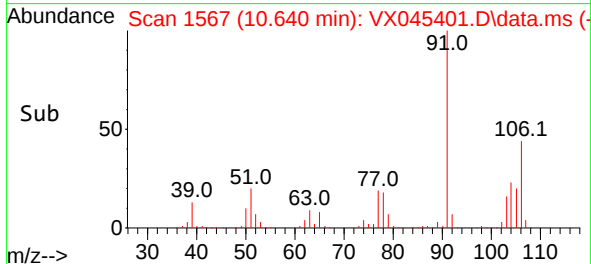
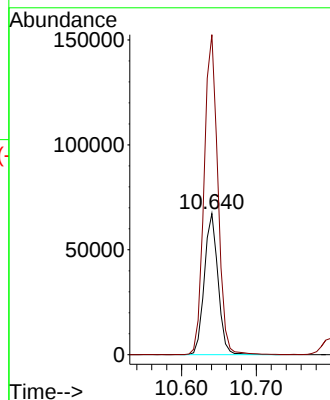
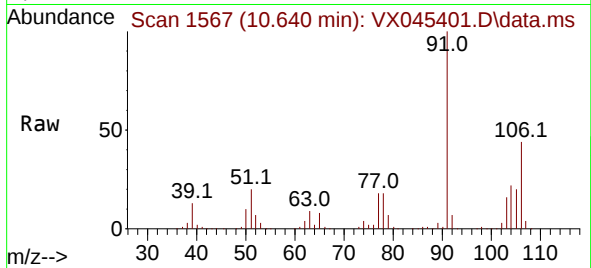




#69
o-Xylene
Concen: 54.016 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

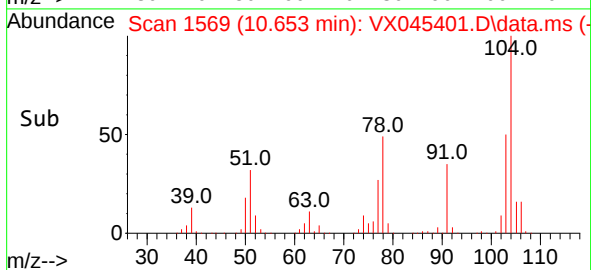
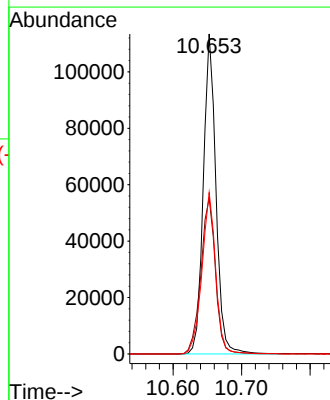
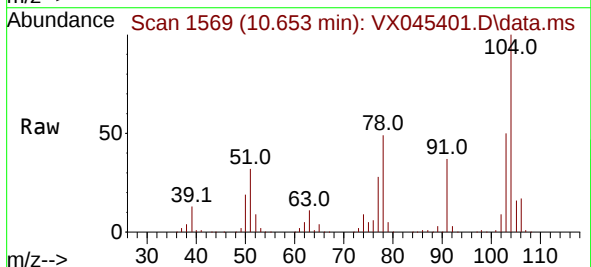
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 85276
Ion Ratio Lower Upper
106 100
91 228.7 109.9 329.6



#70
Styrene
Concen: 57.041 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion:104 Resp: 145711
Ion Ratio Lower Upper
104 100
78 56.4 42.2 63.4
103 55.2 43.8 65.8





#71

Bromoform

Concen: 57.963 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

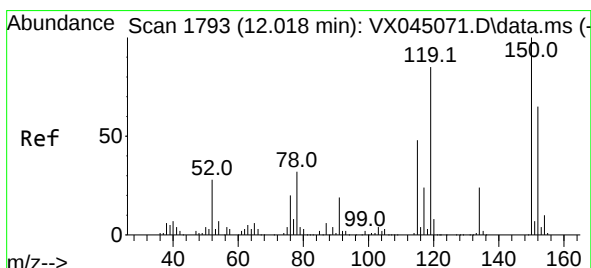
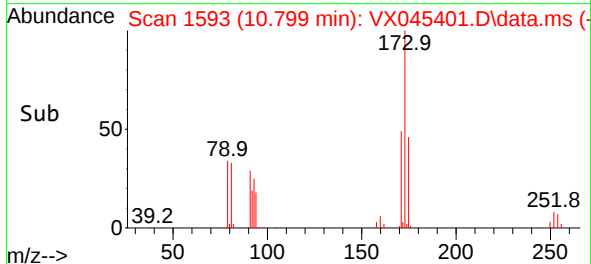
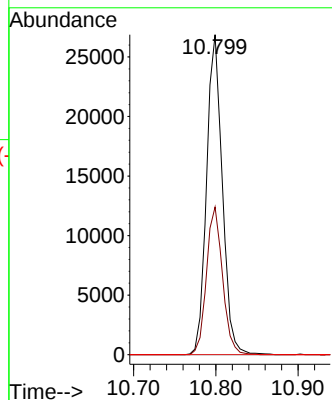
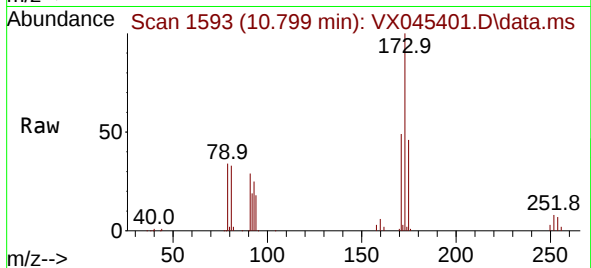
Tgt Ion:173 Resp: 35721

Ion Ratio Lower Upper

173 100

175 47.1 24.6 73.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

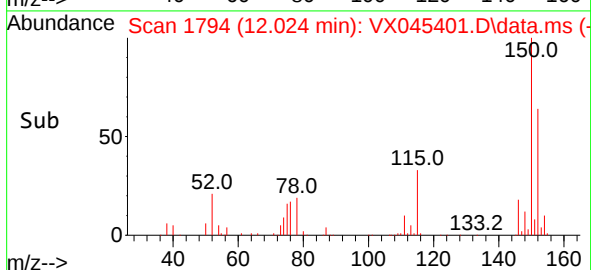
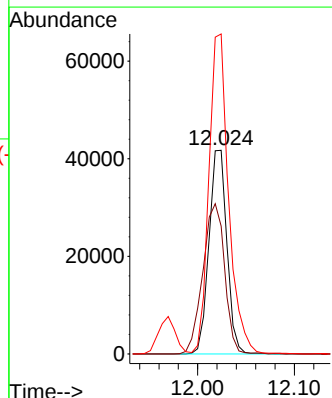
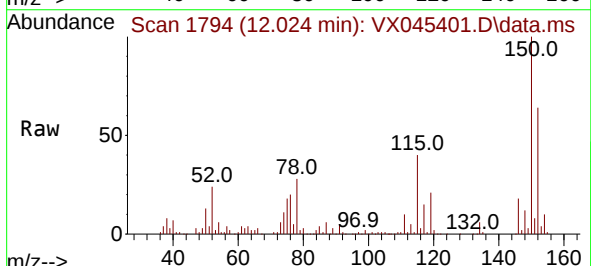
Tgt Ion:152 Resp: 53641

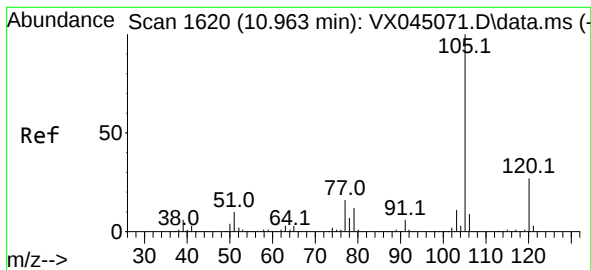
Ion Ratio Lower Upper

152 100

115 90.2 44.2 132.6

150 173.0 0.0 349.0





#73

Isopropylbenzene

Concen: 54.369 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

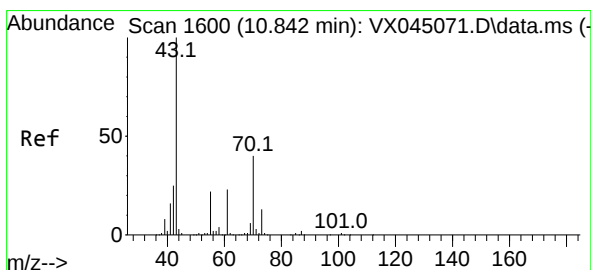
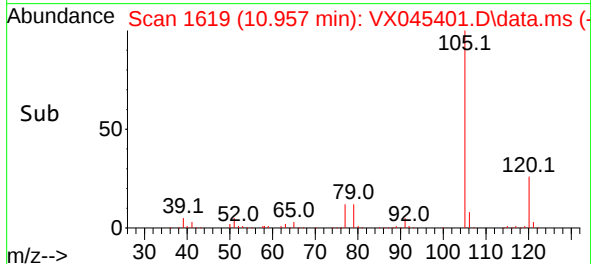
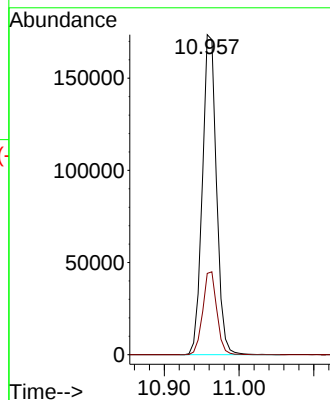
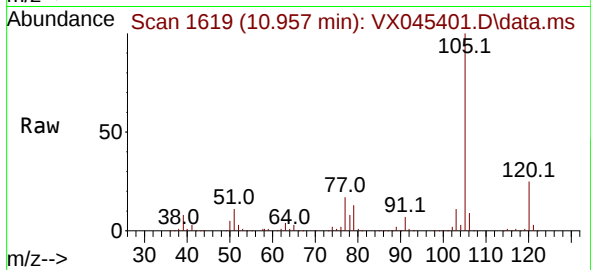
VSTDCCC050EC

Tgt Ion:105 Resp: 227633

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.5



#74

N-ethyl acetate

Concen: 56.217 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Tgt Ion: 43 Resp: 110444

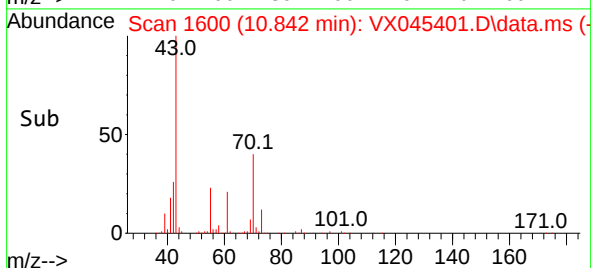
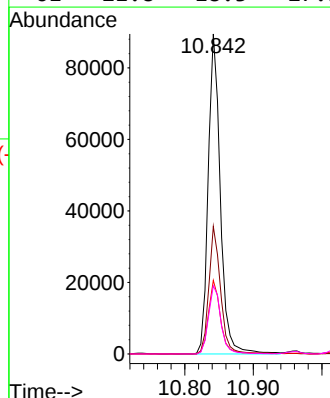
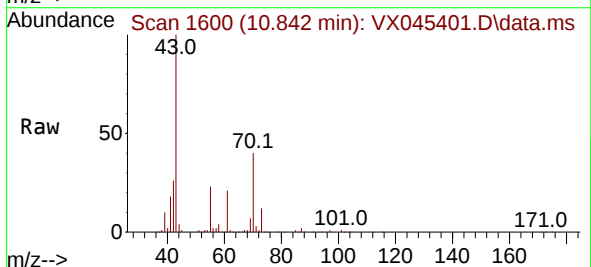
Ion Ratio Lower Upper

43 100

70 38.6 31.8 47.6

55 23.2 18.3 27.5

61 21.8 18.3 27.5

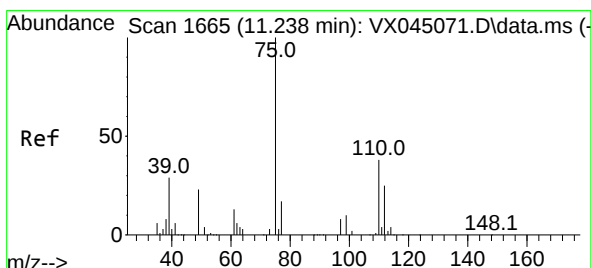
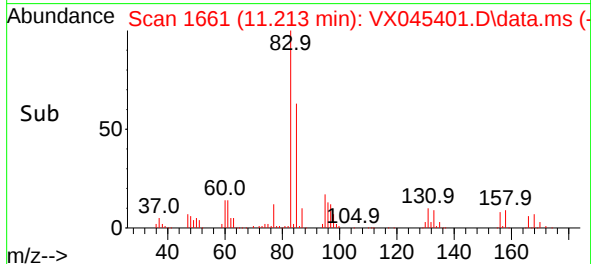
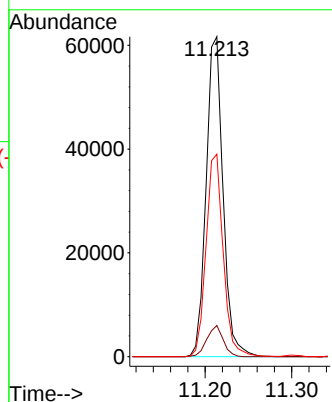
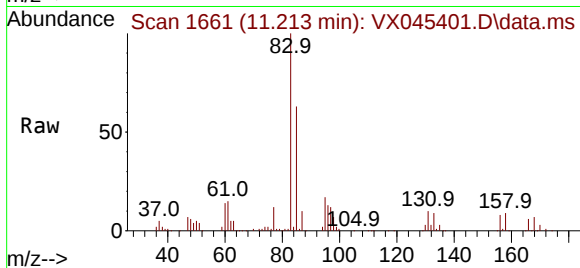




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.359 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

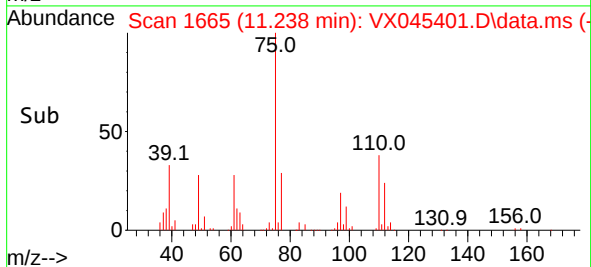
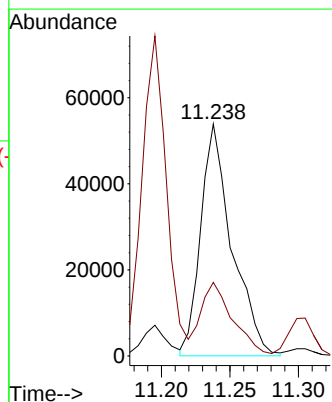
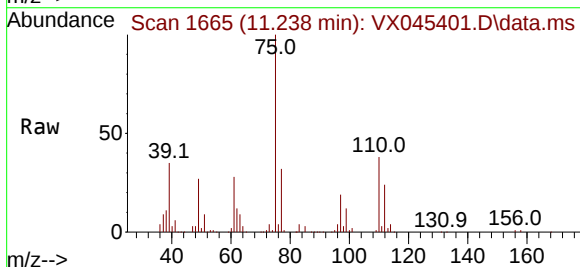
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 83518
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.5 13.4
 85 64.3 31.7 95.1



#76
 1,2,3-Trichloropropane
 Concen: 68.425 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

Tgt Ion: 75 Resp: 85428
 Ion Ratio Lower Upper
 75 100
 77 32.5 20.7 62.1





#77

Bromobenzene

Concen: 51.964 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

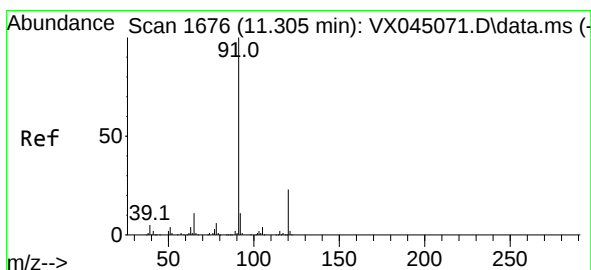
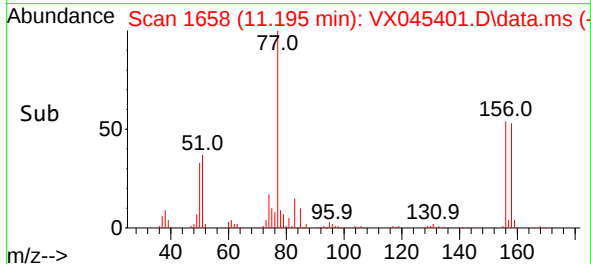
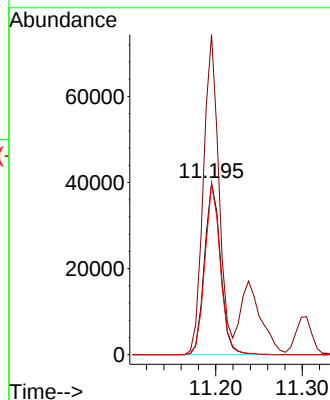
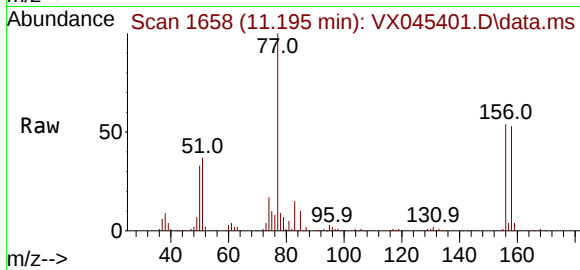
Tgt Ion:156 Resp: 51333

Ion Ratio Lower Upper

156 100

77 180.5 85.8 257.4

158 96.3 48.4 145.2



#78

n-propylbenzene

Concen: 55.477 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX045401.D

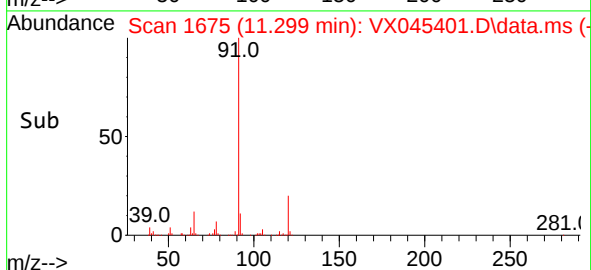
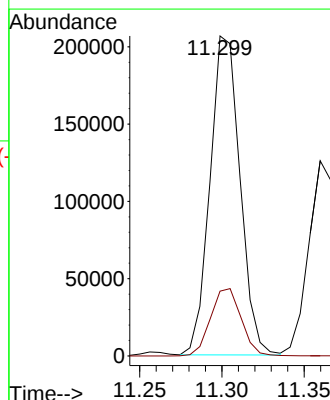
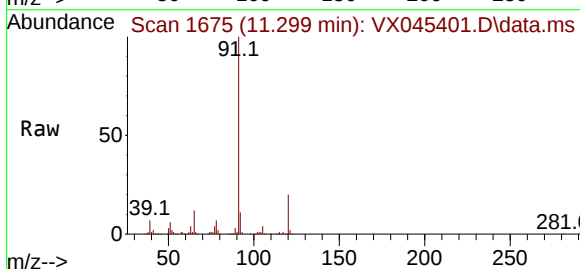
Acq: 21 Mar 2025 20:41

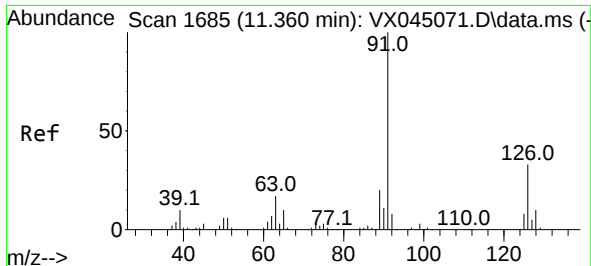
Tgt Ion: 91 Resp: 262384

Ion Ratio Lower Upper

91 100

120 21.6 11.2 33.6





#79

2-Chlorotoluene

Concen: 53.282 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

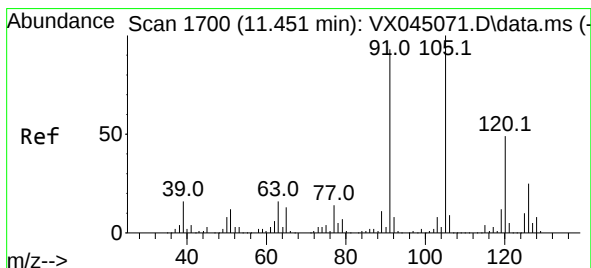
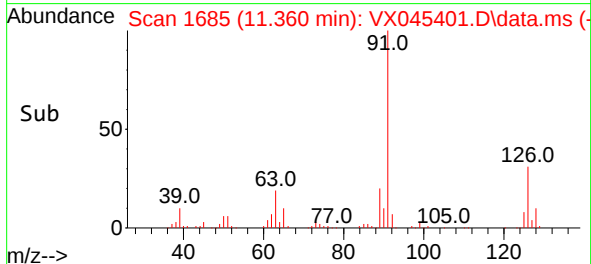
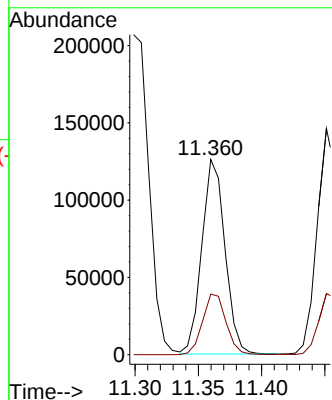
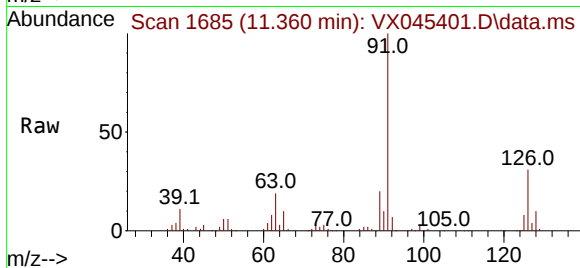
VSTDCCC050EC

Tgt Ion: 91 Resp: 160491

Ion Ratio Lower Upper

91 100

126 31.7 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 54.096 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045401.D

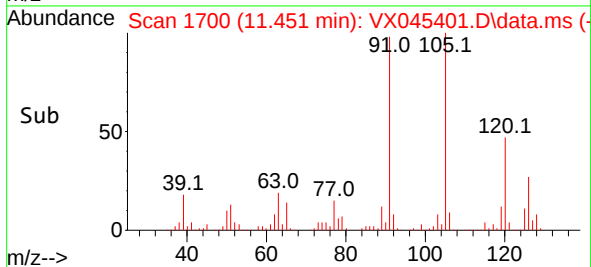
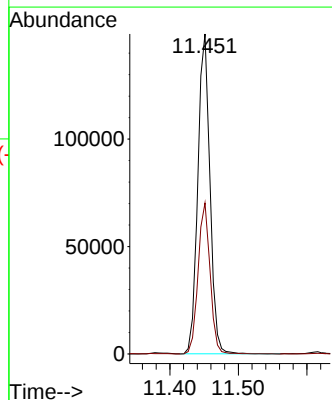
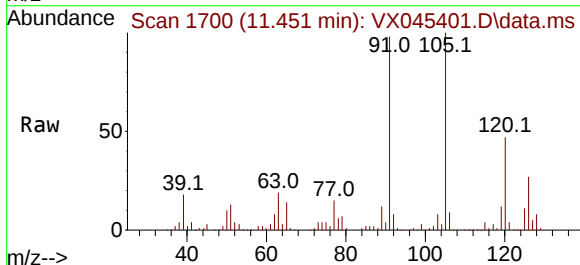
Acq: 21 Mar 2025 20:41

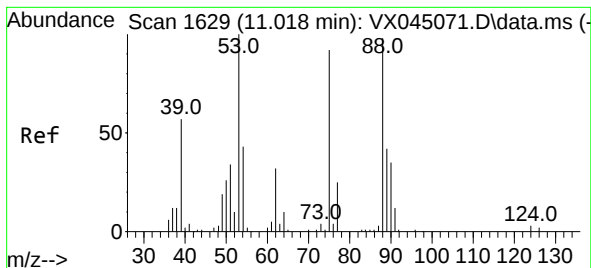
Tgt Ion: 105 Resp: 183136

Ion Ratio Lower Upper

105 100

120 47.0 24.1 72.2

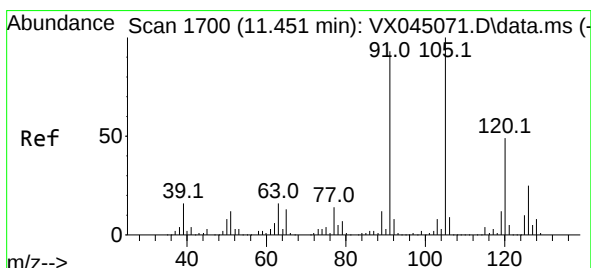
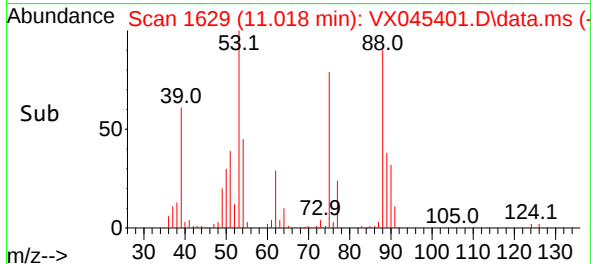
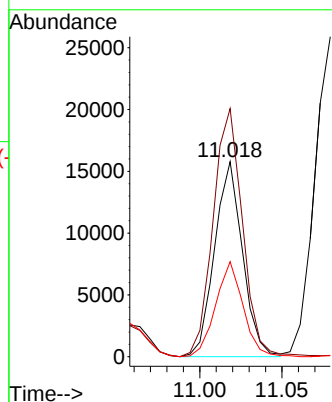
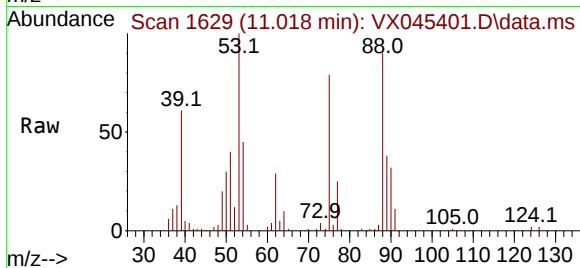




#81
trans-1,4-Dichloro-2-butene
Concen: 51.090 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

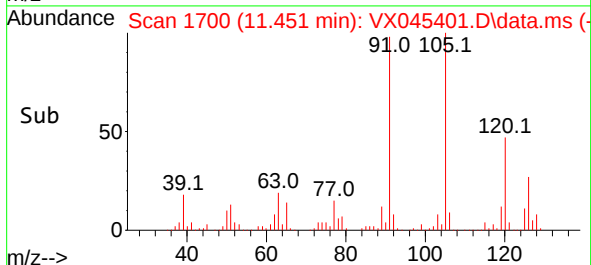
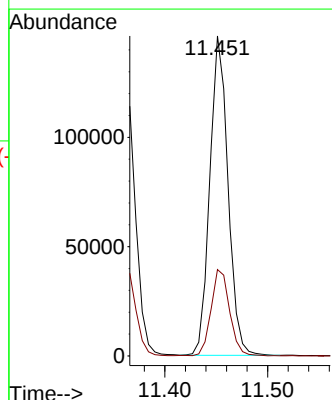
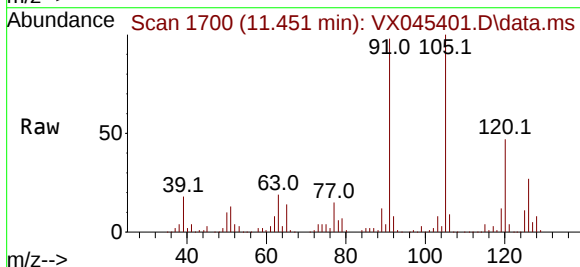
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

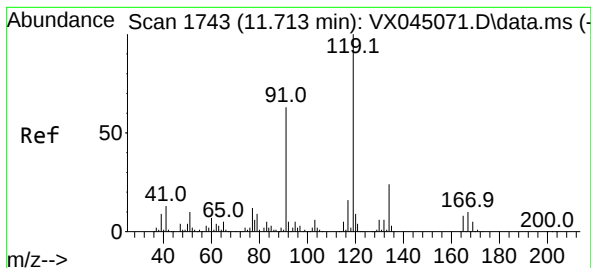
Tgt Ion: 75 Resp: 18639
Ion Ratio Lower Upper
75 100
53 134.3 88.5 132.7#
89 47.9 36.2 54.4



#82
4-Chlorotoluene
Concen: 54.654 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 91 Resp: 179417
Ion Ratio Lower Upper
91 100
126 27.8 14.1 42.4





#83

tert-Butylbenzene

Concen: 53.572 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

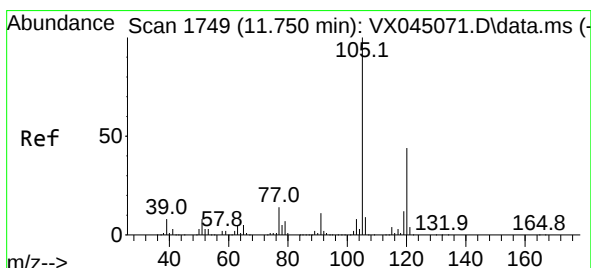
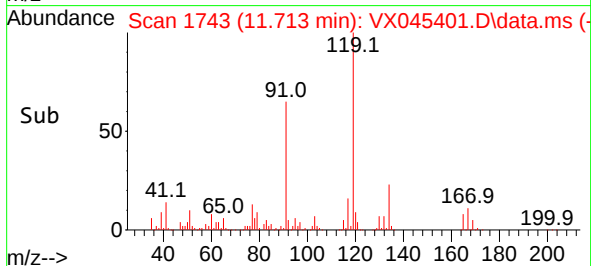
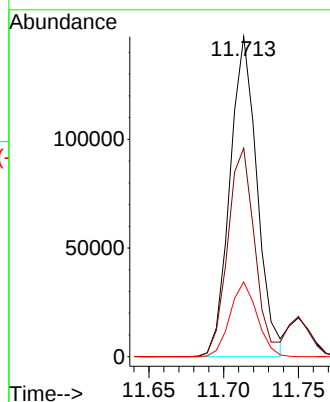
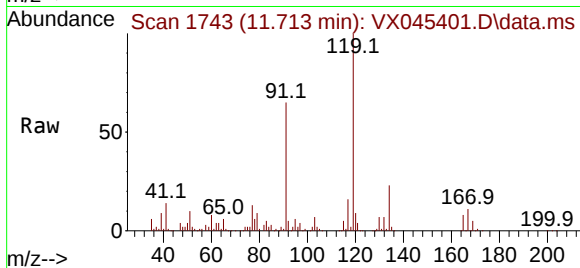
Tgt Ion:119 Resp: 186344

Ion Ratio Lower Upper

119 100

91 65.3 30.7 92.1

134 23.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 55.172 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045401.D

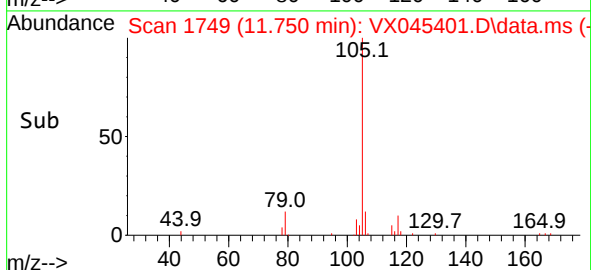
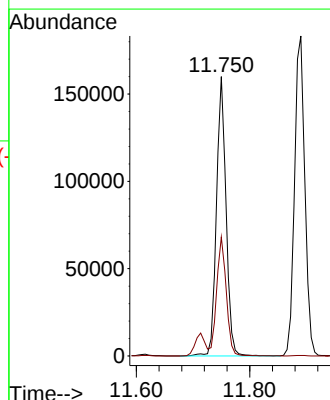
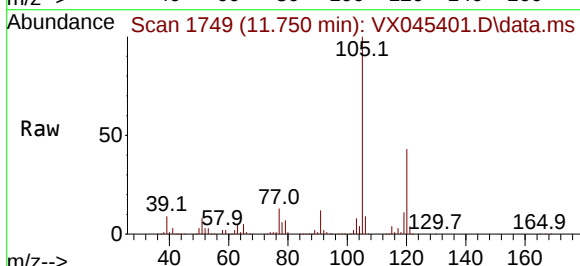
Acq: 21 Mar 2025 20:41

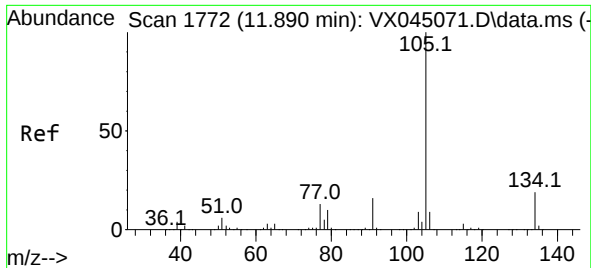
Tgt Ion:105 Resp: 187934

Ion Ratio Lower Upper

105 100

120 43.0 22.1 66.1

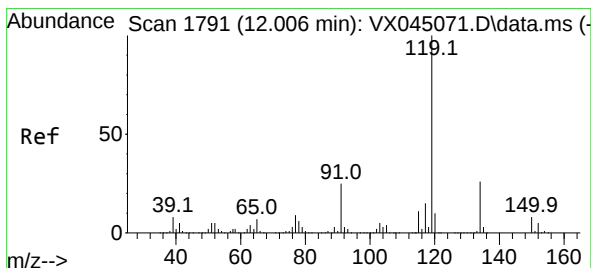
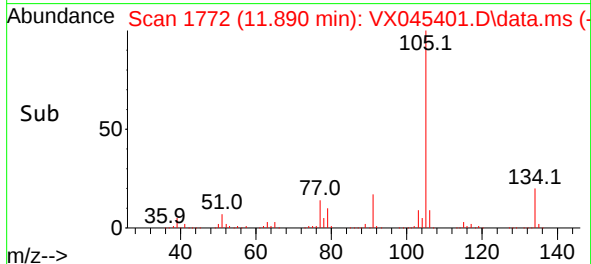
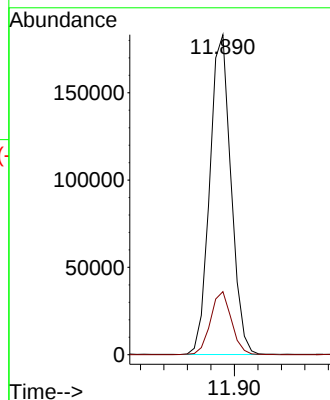
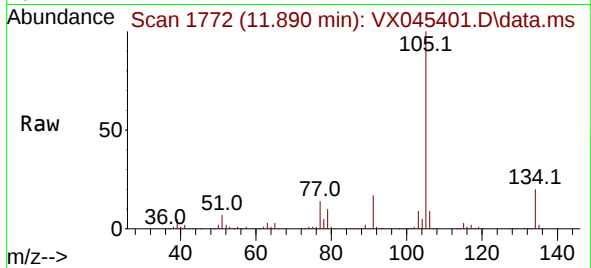




#85
 sec-Butylbenzene
 Concen: 55.276 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

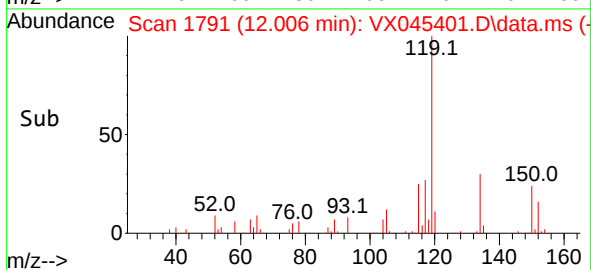
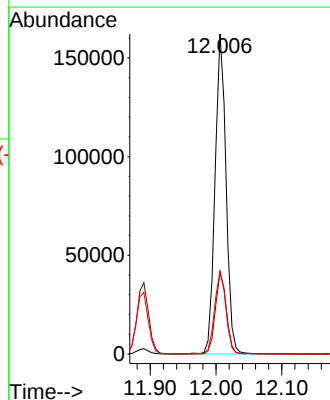
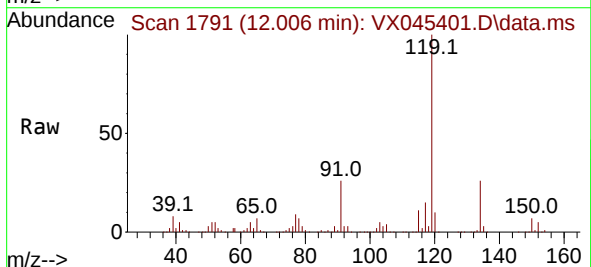
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

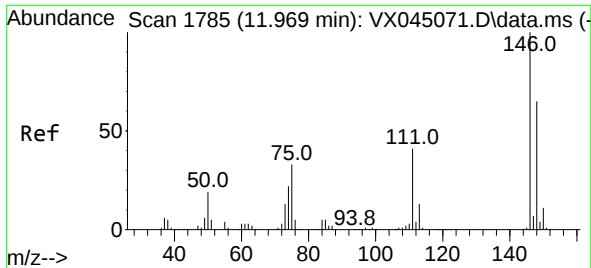
Tgt Ion:105 Resp: 230317
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 55.971 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045401.D
 Acq: 21 Mar 2025 20:41

Tgt Ion:119 Resp: 188467
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 26.5 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 53.143 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

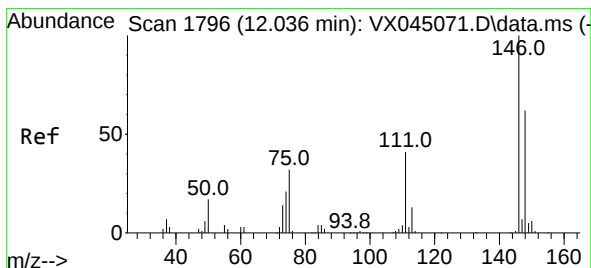
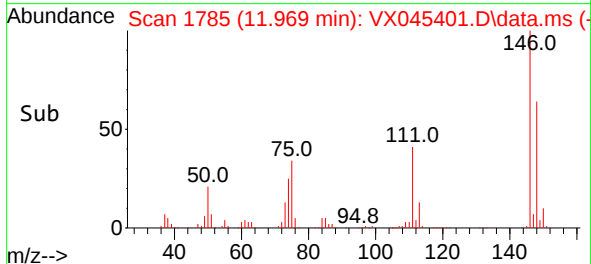
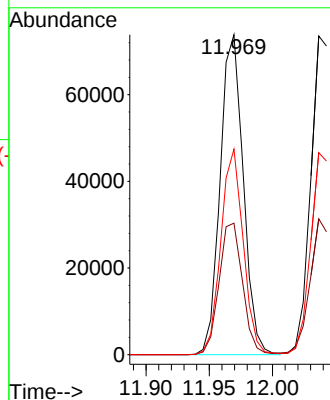
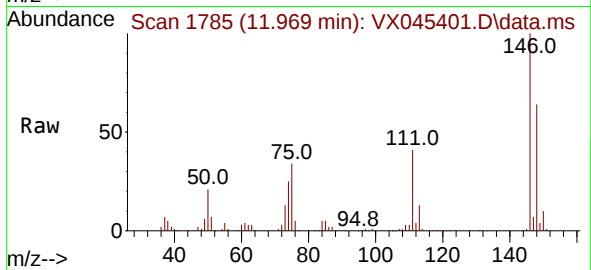
Tgt Ion:146 Resp: 93653

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.4

148 62.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 52.463 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

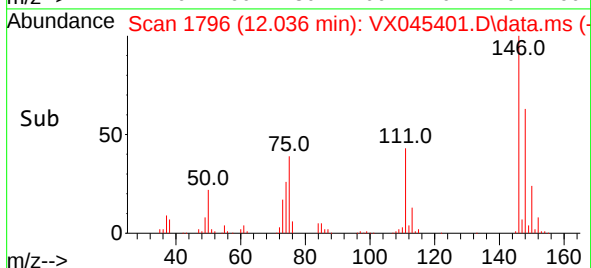
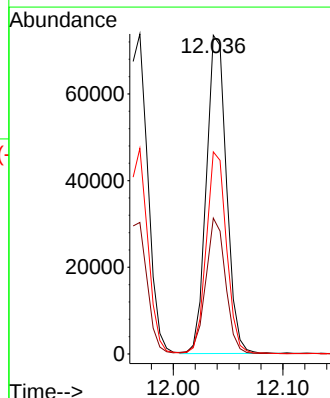
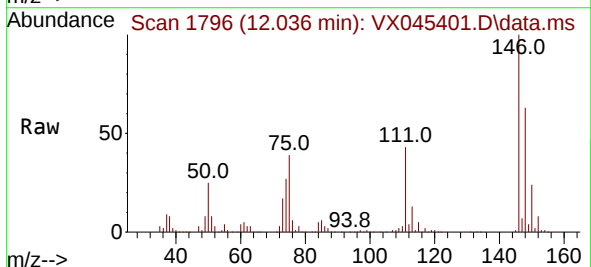
Tgt Ion:146 Resp: 93536

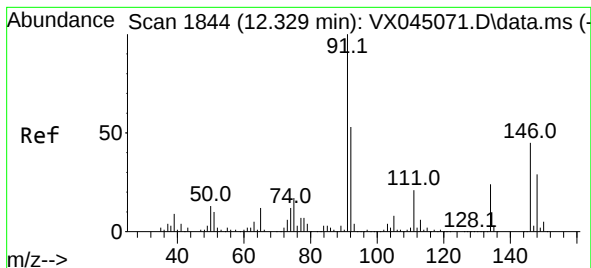
Ion Ratio Lower Upper

146 100

111 42.0 20.2 60.5

148 64.0 31.9 95.9





#89

n-Butylbenzene

Concen: 57.458 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

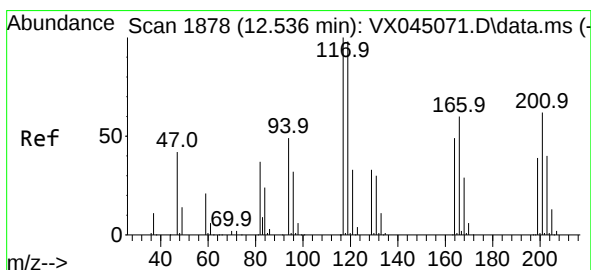
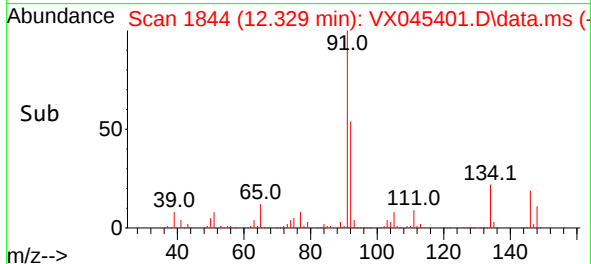
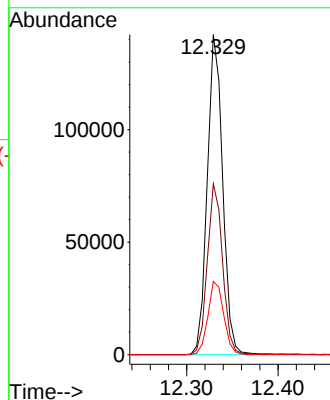
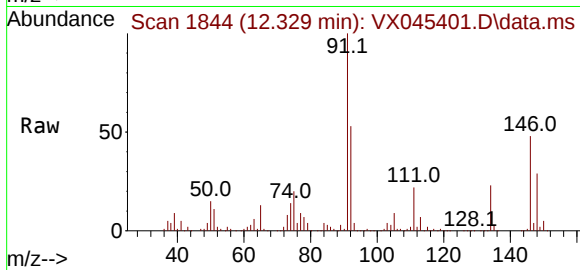
Tgt Ion: 91 Resp: 166636

Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.0

134 23.5 12.2 36.6



#90

Hexachloroethane

Concen: 53.118 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045401.D

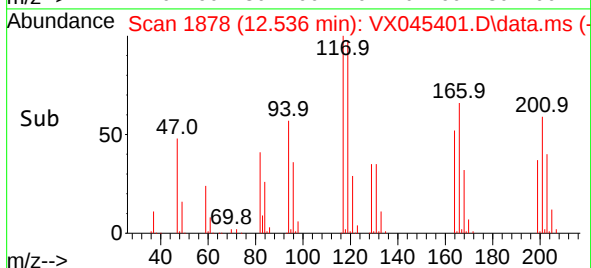
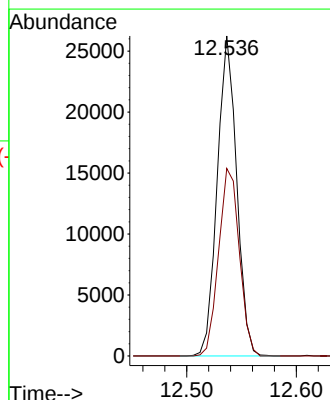
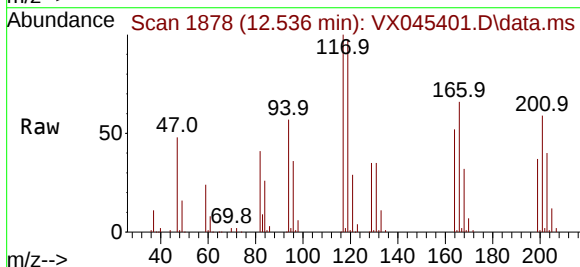
Acq: 21 Mar 2025 20:41

Tgt Ion: 117 Resp: 32352

Ion Ratio Lower Upper

117 100

201 62.4 31.9 95.9

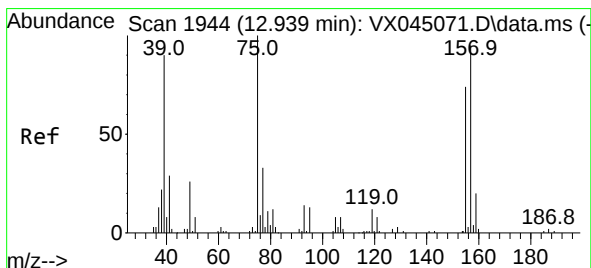
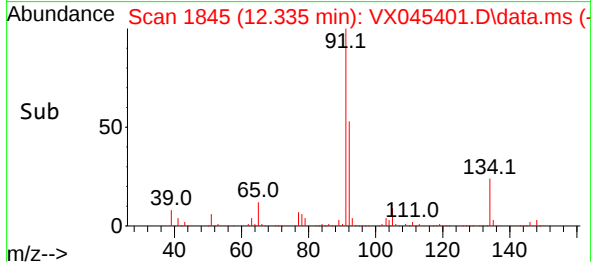
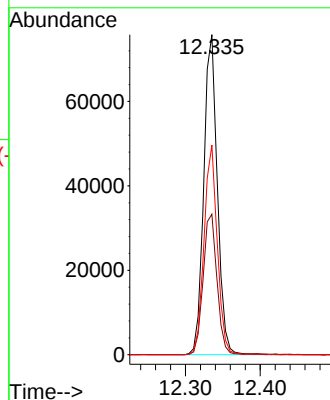
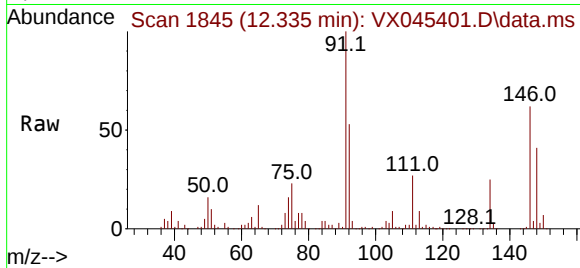




#91
1,2-Dichlorobenzene
Concen: 54.100 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

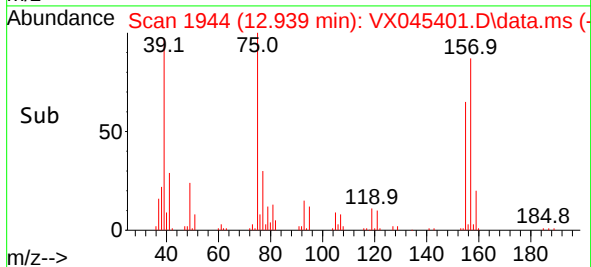
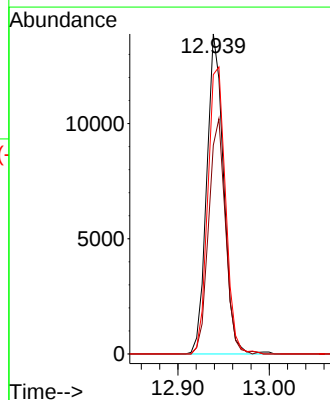
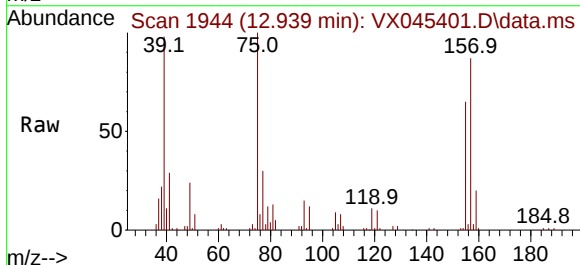
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

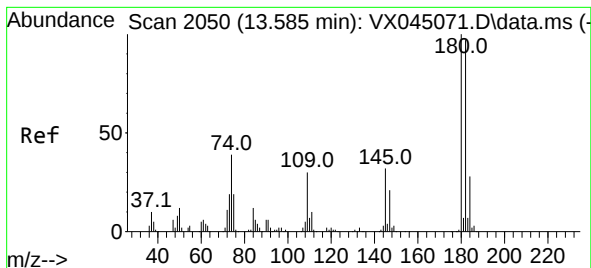
Tgt Ion:146 Resp: 95638
Ion Ratio Lower Upper
146 100
111 44.9 21.6 65.0
148 63.9 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.571 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion: 75 Resp: 17831
Ion Ratio Lower Upper
75 100
155 72.9 39.6 118.7
157 93.6 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 56.965 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

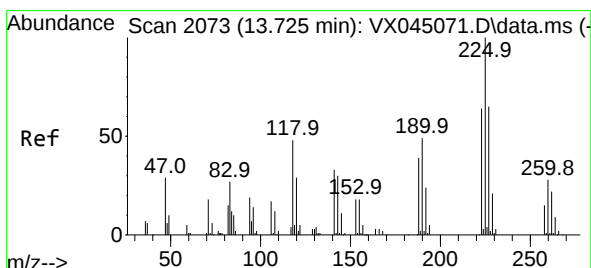
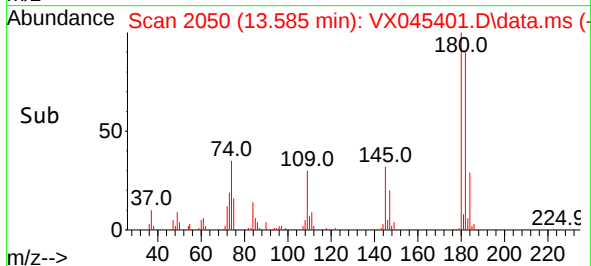
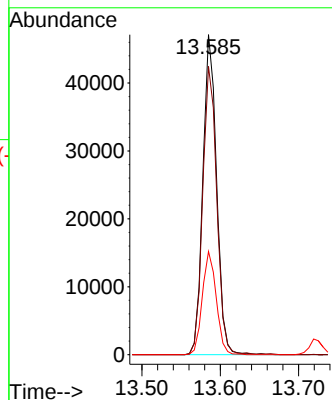
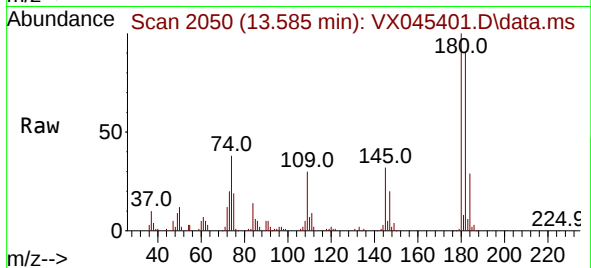
Tgt Ion:180 Resp: 57341

Ion Ratio Lower Upper

180 100

182 92.1 47.3 141.9

145 32.7 16.3 48.9



#94

Hexachlorobutadiene

Concen: 55.141 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX045401.D

Acq: 21 Mar 2025 20:41

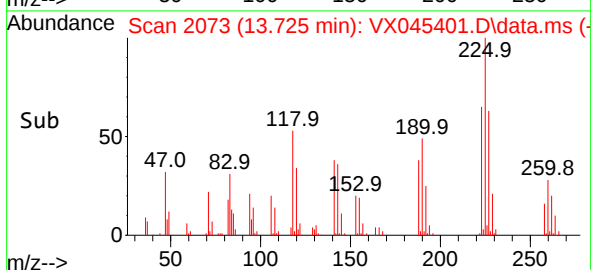
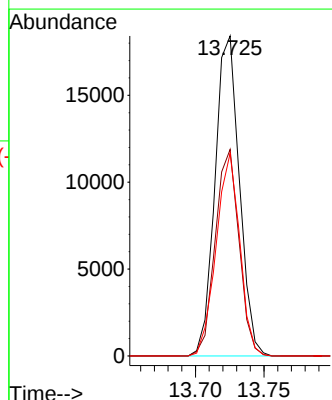
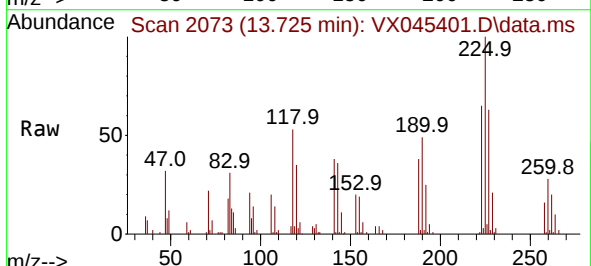
Tgt Ion:225 Resp: 22756

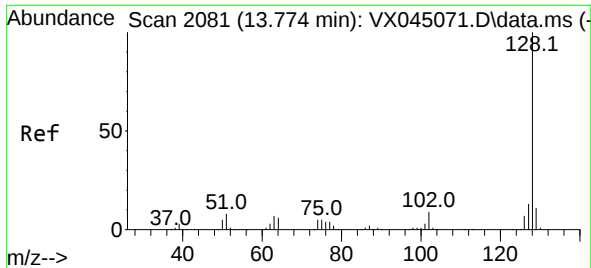
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.7

227 61.1 31.4 94.0

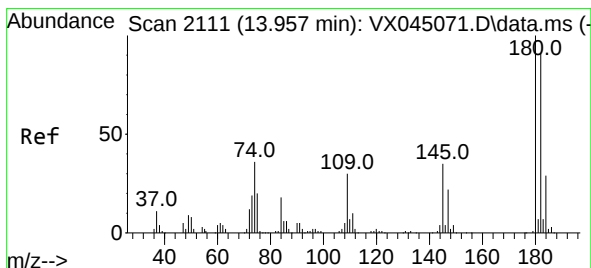
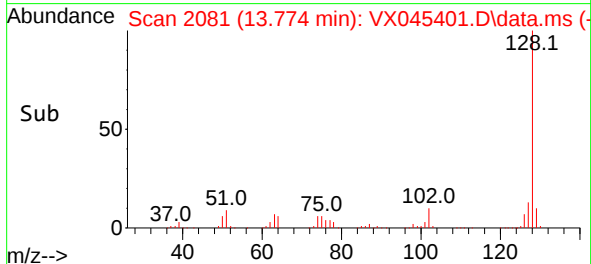
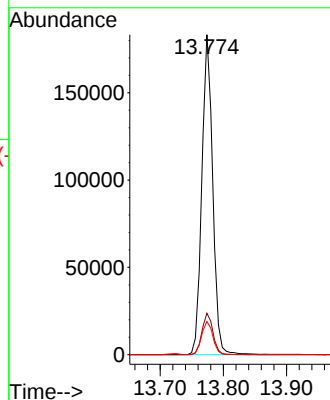
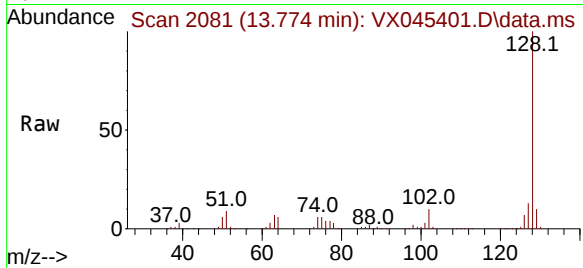




#95
Naphthalene
Concen: 56.787 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 219620
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.183 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045401.D
Acq: 21 Mar 2025 20:41

Tgt Ion:180 Resp: 58600
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.6
145 35.3 17.0 50.9

