

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045257.D
 Acq On : 13 Mar 2025 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 14 12:26:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	92968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77336	52.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.600%			
35) Dibromofluoromethane	5.379	113	58112	53.317	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.640%			
50) Toluene-d8	8.647	98	205212	51.934	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.860%			
62) 4-Bromofluorobenzene	11.079	95	74669	57.027	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59825	51.122	ug/l	92
3) Chloromethane	1.300	50	69055	48.218	ug/l	96
4) Vinyl Chloride	1.374	62	63439	44.653	ug/l	97
5) Bromomethane	1.593	94	26629	47.680	ug/l	100
6) Chloroethane	1.660	64	30884	47.129	ug/l	98
7) Trichlorofluoromethane	1.867	101	91924	48.876	ug/l	100
8) Diethyl Ether	2.129	74	32057	43.578	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.312	101	60276	55.784	ug/l	99
10) Methyl Iodide	2.440	142	69837	51.719	ug/l	97
11) Tert butyl alcohol	2.983	59	62750	224.022	ug/l	97
12) 1,1-Dichloroethene	2.306	96	55581	48.654	ug/l	98
13) Acrolein	2.233	56	73382	226.631	ug/l	99
14) Allyl chloride	2.654	41	104985	51.628	ug/l	97
15) Acrylonitrile	3.062	53	188400	250.959	ug/l	99
16) Acetone	2.386	43	179812	262.073	ug/l	99
17) Carbon Disulfide	2.495	76	131544	43.233	ug/l	98
18) Methyl Acetate	2.703	43	94977	57.542	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	190193	49.624	ug/l	97
20) Methylene Chloride	2.782	84	65207	47.978	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	55072	48.797	ug/l	97
22) Diisopropyl ether	3.757	45	208305	50.369	ug/l	92
23) Vinyl Acetate	3.715	43	880345	255.083	ug/l	99
24) 1,1-Dichloroethane	3.599	63	114815	49.538	ug/l	99
25) 2-Butanone	4.556	43	269063	260.525	ug/l	96
26) 2,2-Dichloropropane	4.464	77	79181	72.834	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	68887	49.445	ug/l	95
28) Bromochloromethane	4.891	49	57070	51.659	ug/l	99
29) Tetrahydrofuran	5.001	42	167144	240.995	ug/l	99
30) Chloroform	5.086	83	115276	50.056	ug/l	99
31) Cyclohexane	5.458	56	99325	49.368	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	93785	50.422	ug/l	98
36) 1,1-Dichloropropene	5.684	75	75552	50.546	ug/l	99
37) Ethyl Acetate	4.714	43	96666	50.189	ug/l	98
38) Carbon Tetrachloride	5.665	117	79322	52.271	ug/l	95
39) Methylcyclohexane	7.372	83	97987	54.710	ug/l	97
40) Benzene	6.025	78	238534	50.537	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	55551	53.340	ug/l	99
42) 1,2-Dichloroethane	6.080	62	89305	52.542	ug/l	100
43) Isopropyl Acetate	6.336	43	149943	52.647	ug/l	99
44) Trichloroethene	7.116	130	55195	49.801	ug/l	99
45) 1,2-Dichloropropane	7.427	63	60889	50.174	ug/l	97
46) Dibromomethane	7.574	93	45165	52.654	ug/l	97
47) Bromodichloromethane	7.817	83	88408	52.546	ug/l	97
48) Methyl methacrylate	7.689	41	76158	53.300	ug/l	97
49) 1,4-Dioxane	7.659	88	29076	964.689	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	528259	276.238	ug/l	99
52) Toluene	8.714	92	142581	51.486	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	78690	55.945	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	90280	55.043	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	57642	50.560	ug/l	98
56) Ethyl methacrylate	9.116	69	94614	54.596	ug/l	96
57) 1,3-Dichloropropane	9.305	76	101233	51.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	249068	294.630	ug/l	98
59) 2-Hexanone	9.427	43	389277	280.952	ug/l	99
60) Dibromochloromethane	9.518	129	63802	53.523	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58790	51.655	ug/l	100
64) Tetrachloroethene	9.268	164	46782	52.106	ug/l	98
65) Chlorobenzene	10.079	112	155435	52.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	53231	53.887	ug/l	97
67) Ethyl Benzene	10.189	91	275416	53.287	ug/l	100
68) m/p-Xylenes	10.299	106	202522	107.038	ug/l	98
69) o-Xylene	10.640	106	99595	52.192	ug/l	98
70) Styrene	10.652	104	170860	55.336	ug/l	99
71) Bromoform	10.799	173	42683	57.300	ug/l #	98
73) Isopropylbenzene	10.957	105	266634	51.016	ug/l	98
74) N-amyl acetate	10.841	43	131189	53.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	94855	49.457	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98708	63.334	ug/l	87
77) Bromobenzene	11.195	156	61840	50.148	ug/l	100
78) n-propylbenzene	11.305	91	312182	52.876	ug/l	100
79) 2-Chlorotoluene	11.360	91	186805	49.681	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	220041	52.068	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25479	55.946	ug/l	94
82) 4-Chlorotoluene	11.451	91	216250	52.770	ug/l	99
83) tert-Butylbenzene	11.713	119	222828	51.318	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	225626	53.061	ug/l	99
85) sec-Butylbenzene	11.890	105	280536	53.936	ug/l	100
86) p-Isopropyltoluene	12.006	119	232945	55.418	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112969	51.352	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	112198	50.412	ug/l	99
89) n-Butylbenzene	12.329	91	212893	58.806	ug/l	99
90) Hexachloroethane	12.536	117	39637	52.134	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	114241	51.768	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19754	52.868	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	68677	54.655	ug/l	100
94) Hexachlorobutadiene	13.725	225	28888	56.075	ug/l	99
95) Naphthalene	13.774	128	255967	53.019	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	71661	54.059	ug/l	99

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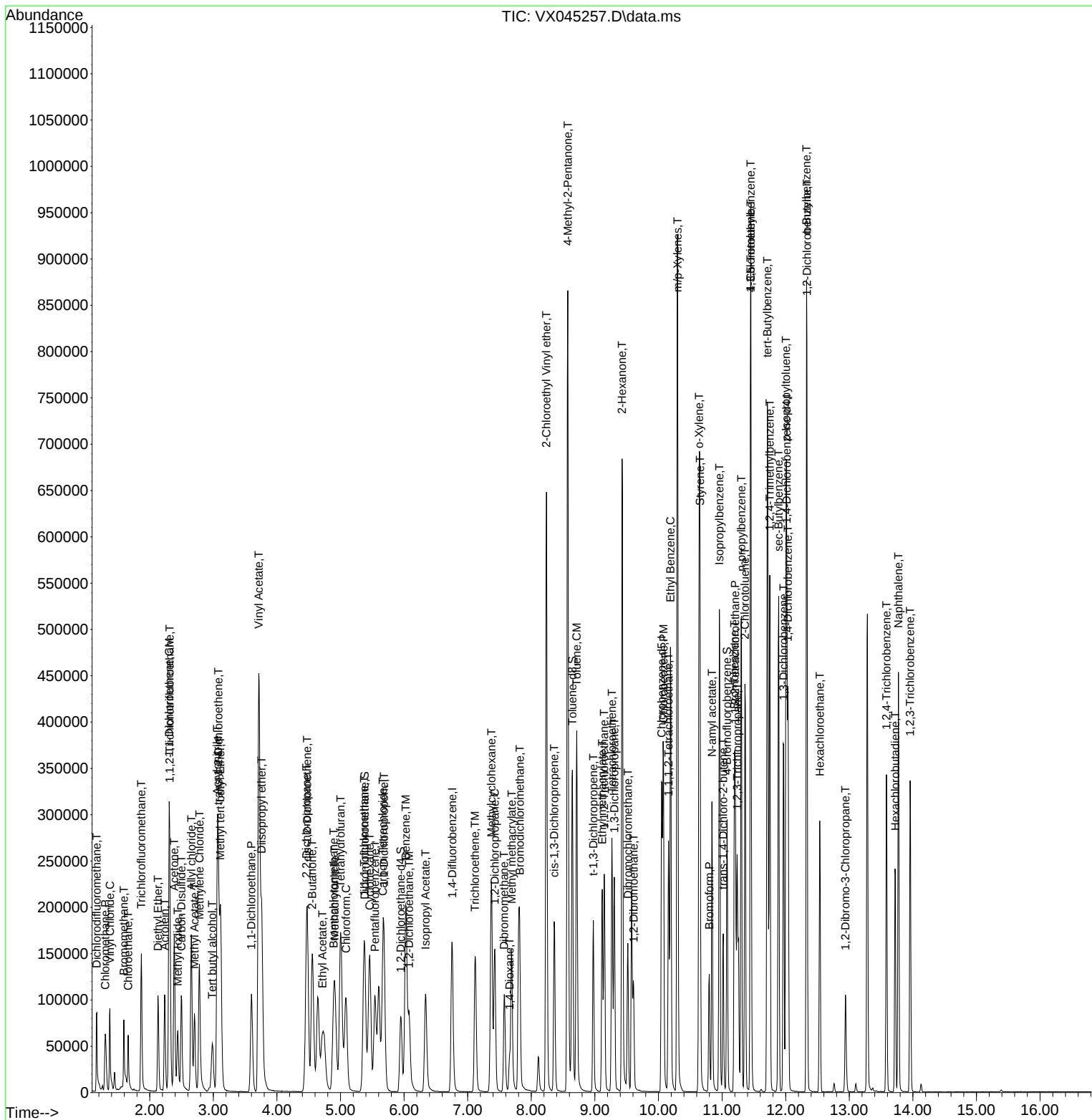
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MSVOA_X
ClientSampleId :
VSTDCCC050

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

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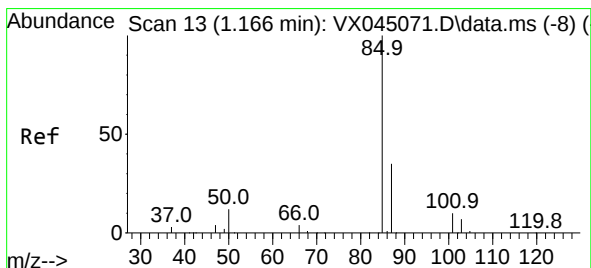
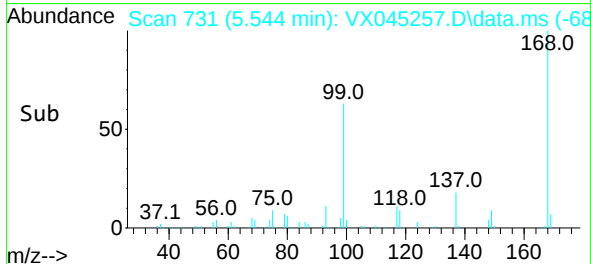
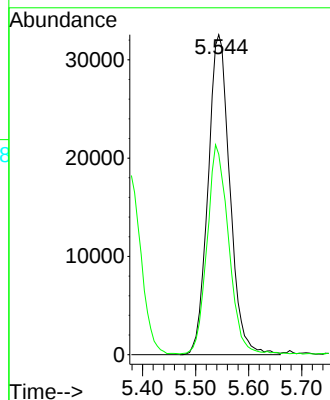
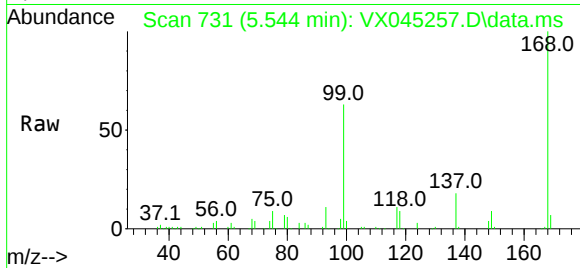




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045257.D
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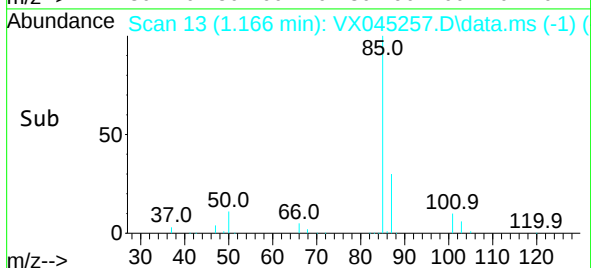
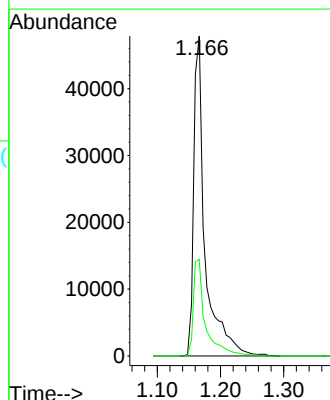
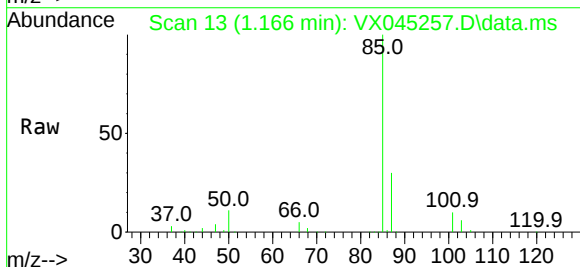
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

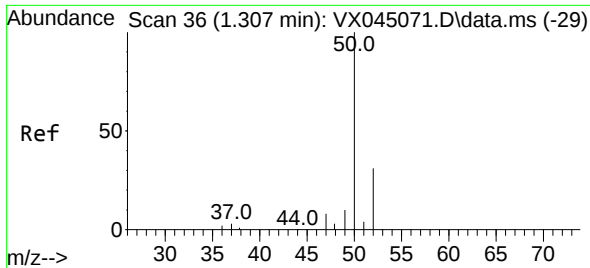
Tgt Ion:168 Resp: 92968
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 51.122 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 85 Resp: 59825
Ion Ratio Lower Upper
85 100
87 30.2 17.4 52.3

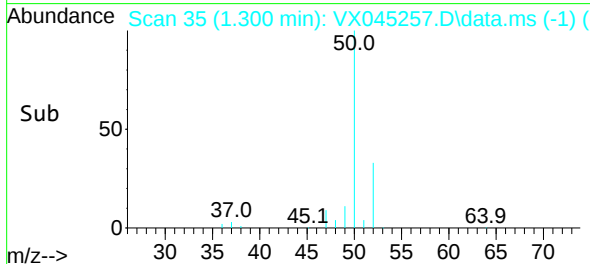
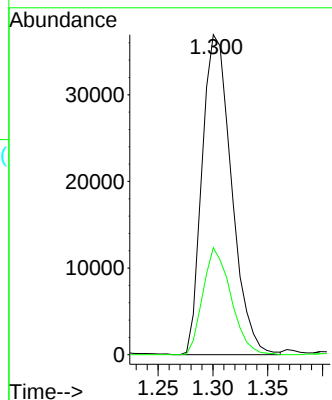
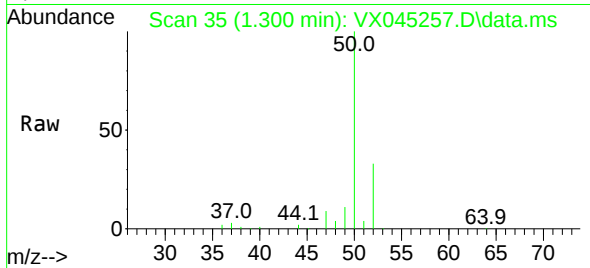




#3
Chloromethane
Concen: 48.218 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

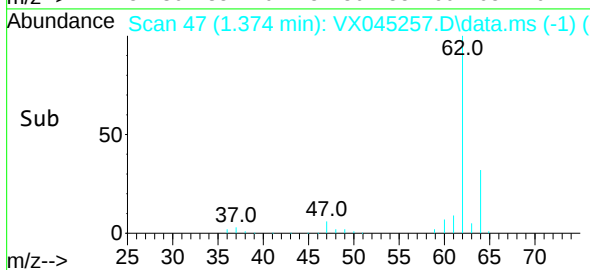
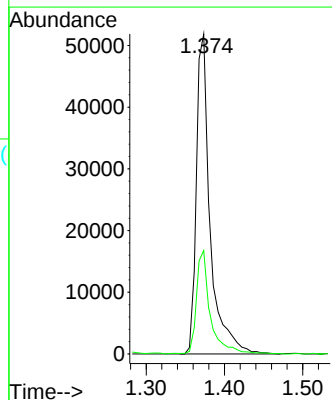
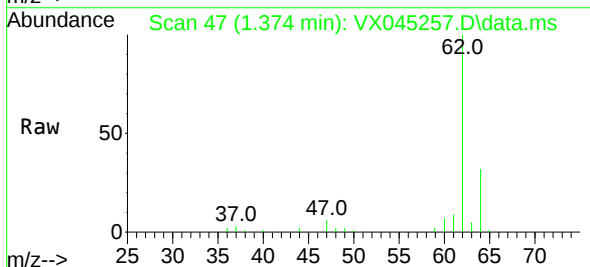
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ClientSampleId :
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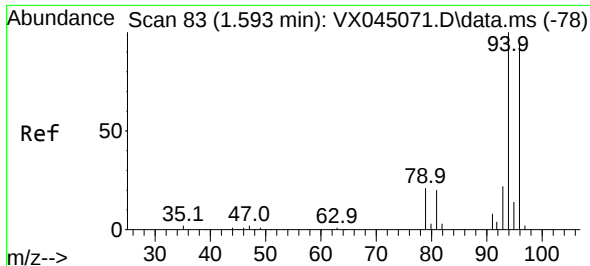
Tgt Ion: 50 Resp: 69055
Ion Ratio Lower Upper
50 100
52 33.5 25.0 37.4



#4
Vinyl Chloride
Concen: 44.653 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 62 Resp: 63439
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5

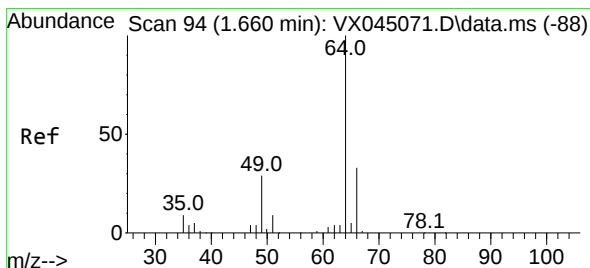
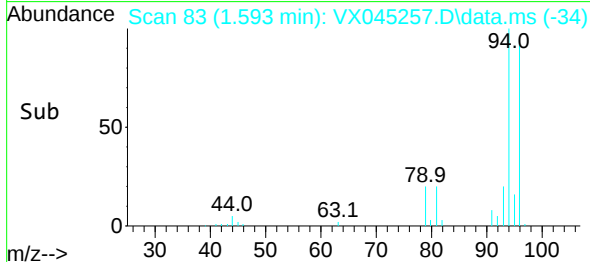
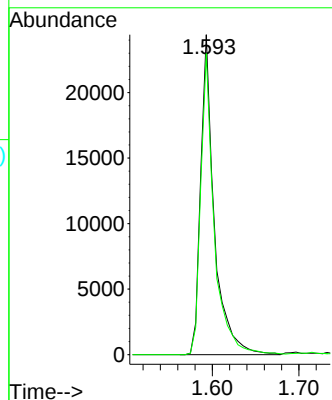
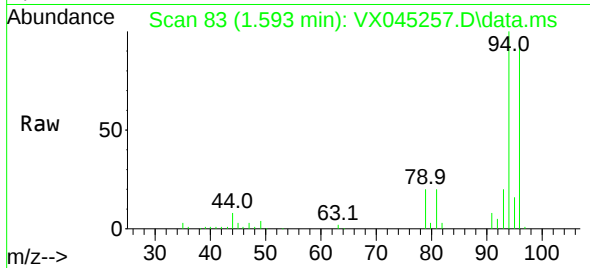




#5
Bromomethane
Concen: 47.680 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

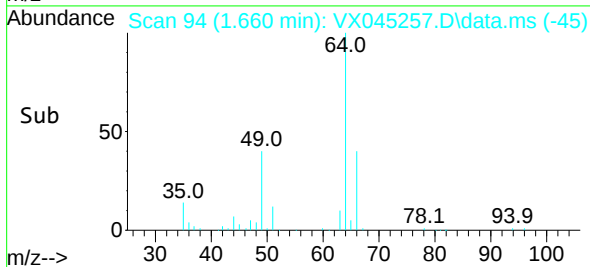
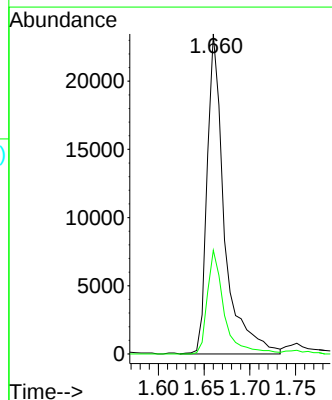
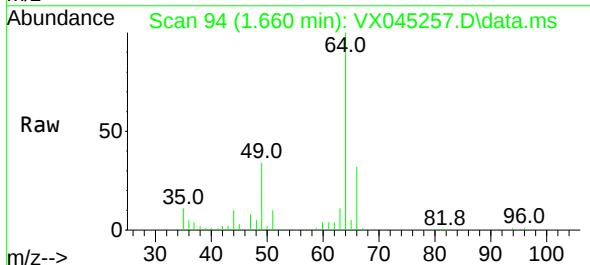
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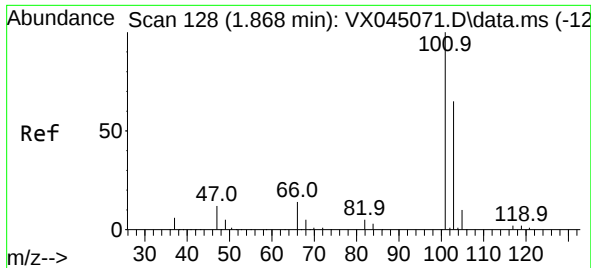
Tgt Ion: 94 Resp: 26629
Ion Ratio Lower Upper
94 100
96 94.1 75.0 112.4



#6
Chloroethane
Concen: 47.129 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 64 Resp: 30884
Ion Ratio Lower Upper
64 100
66 32.4 26.7 40.1

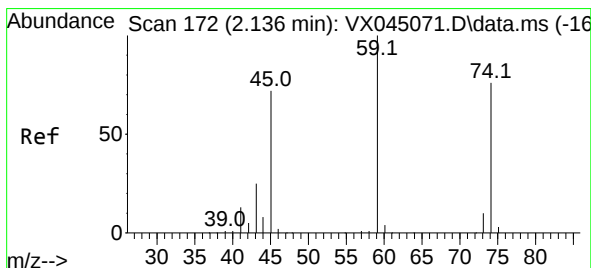
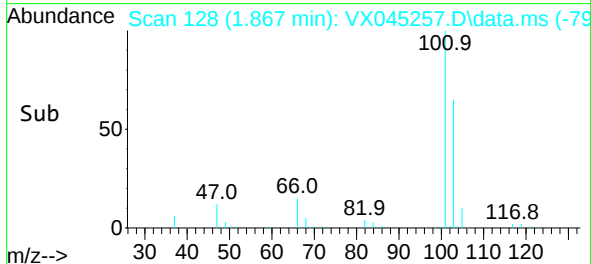
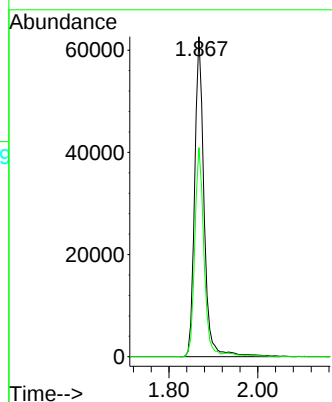
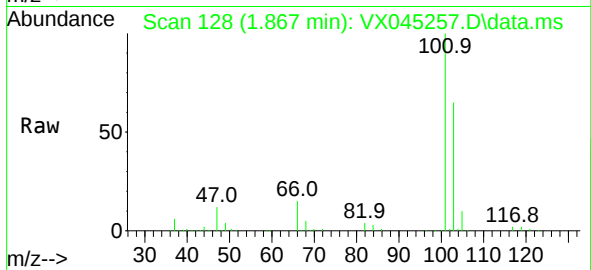




#7
Trichlorofluoromethane
Concen: 48.876 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045257.D
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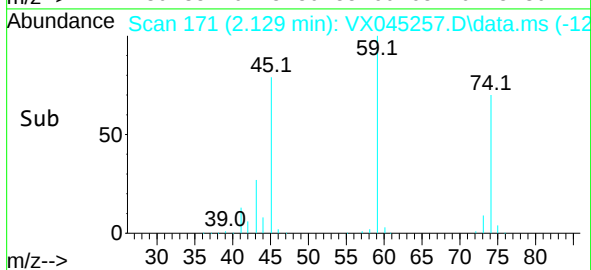
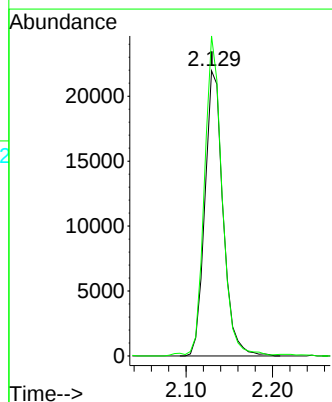
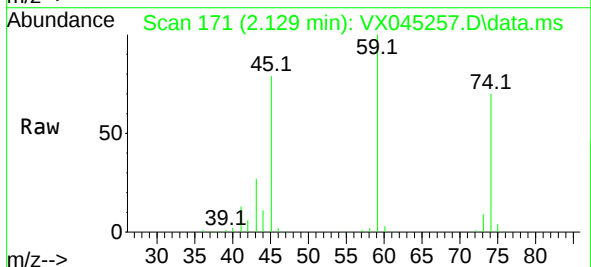
Instrument :
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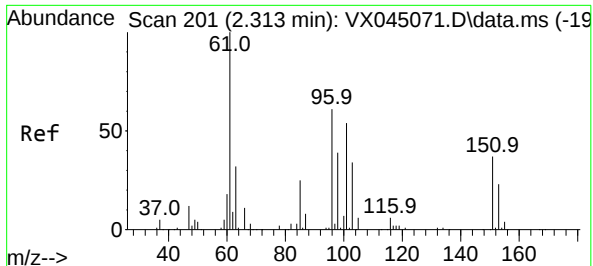
Tgt Ion:101 Resp: 91924
Ion Ratio Lower Upper
101 100
103 65.4 52.1 78.1



#8
Diethyl Ether
Concen: 43.578 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 74 Resp: 32057
Ion Ratio Lower Upper
74 100
45 108.9 51.5 154.5

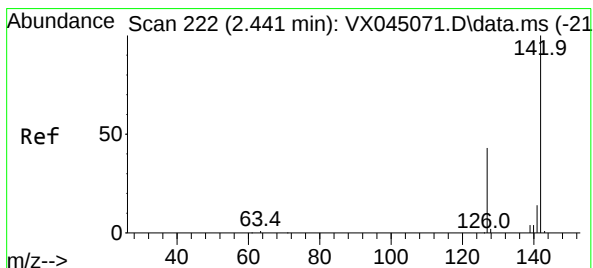
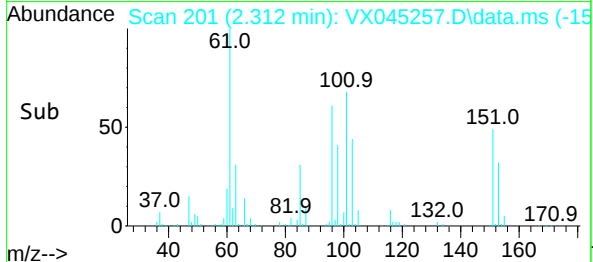
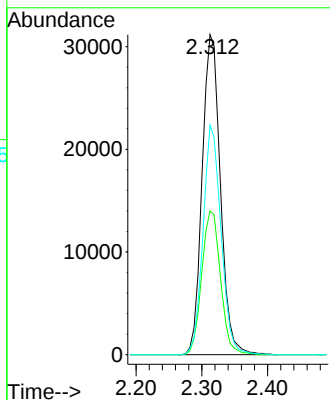
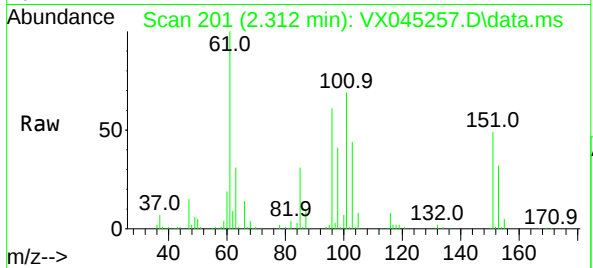




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.784 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045257.D
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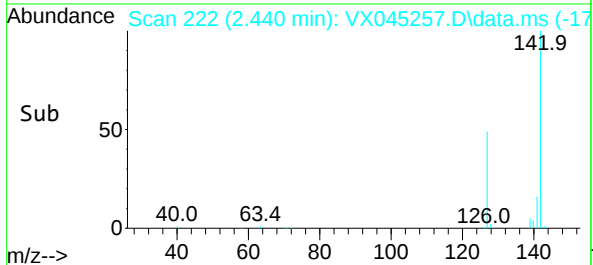
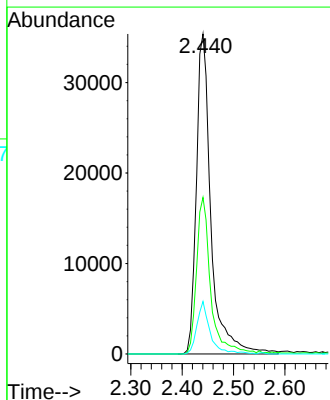
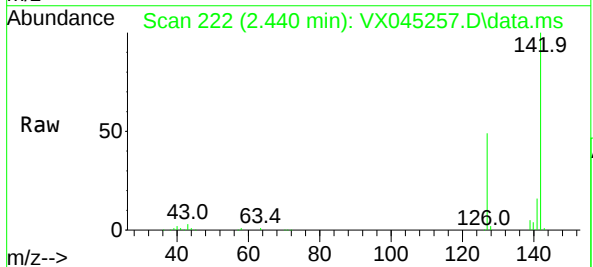
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 60276
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 70.8 56.4 84.6



#10
Methyl Iodide
Concen: 51.719 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion:142 Resp: 69837
Ion Ratio Lower Upper
142 100
127 47.1 35.4 53.2
141 14.8 11.6 17.4

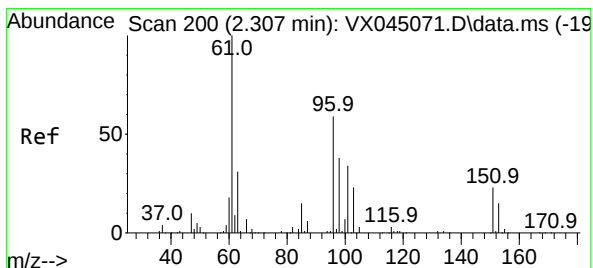
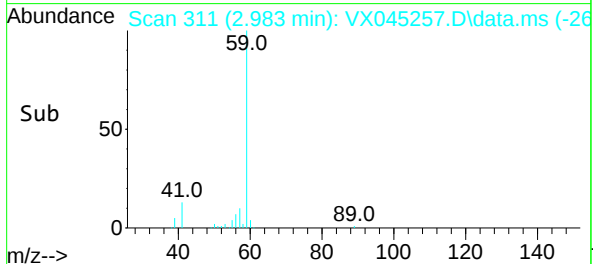
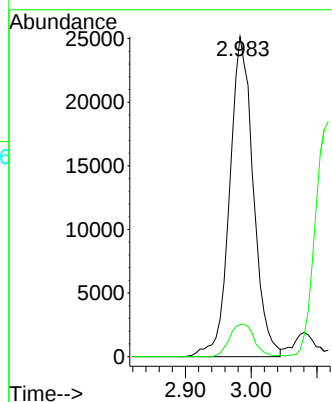
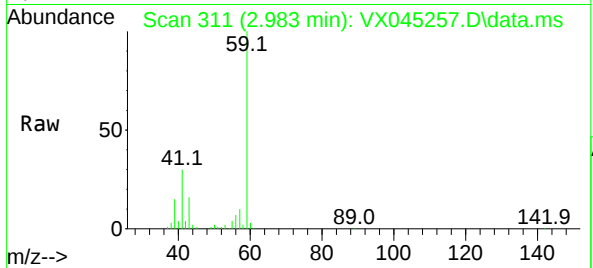




#11
Tert butyl alcohol
Concen: 224.022 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

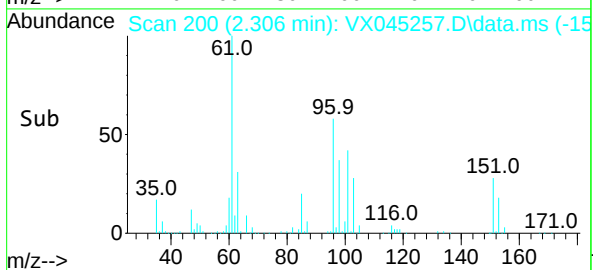
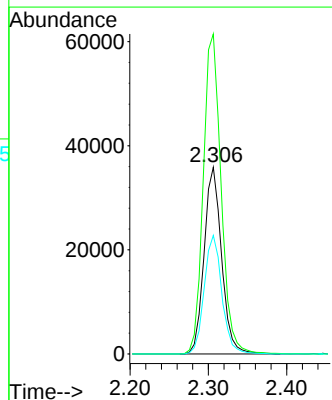
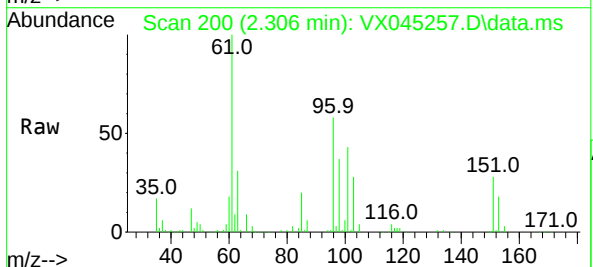
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 62750
Ion Ratio Lower Upper
59 100
57 10.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 48.654 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 96 Resp: 55581
Ion Ratio Lower Upper
96 100
61 171.3 134.6 202.0
98 63.5 51.0 76.6

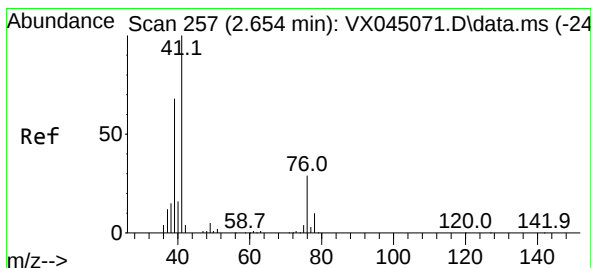
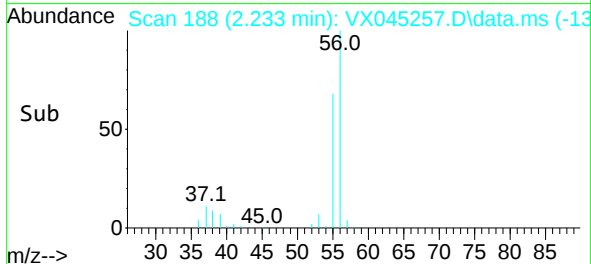
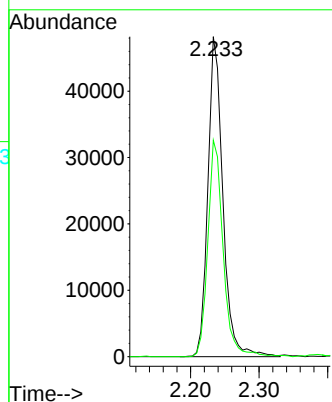
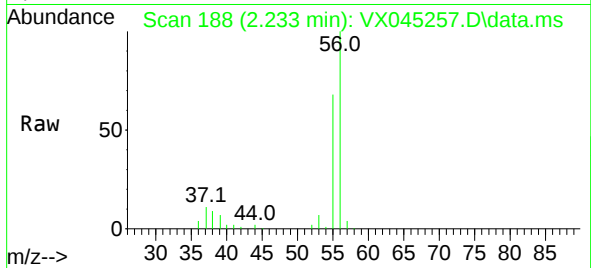




#13
Acrolein
Concen: 226.631 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

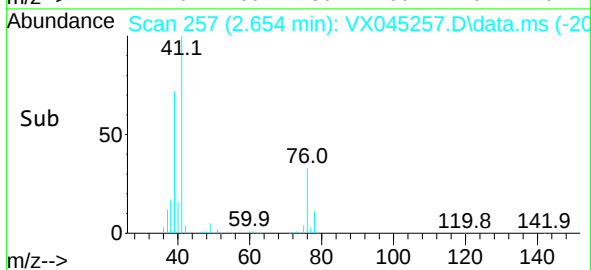
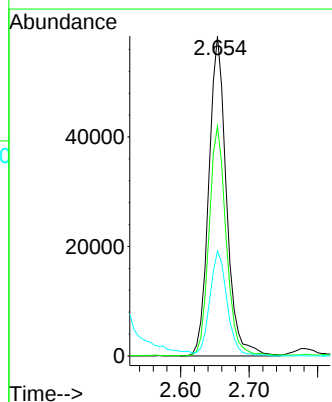
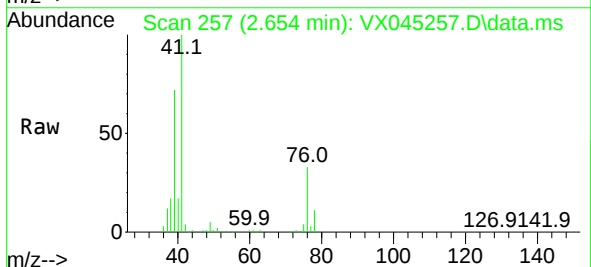
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

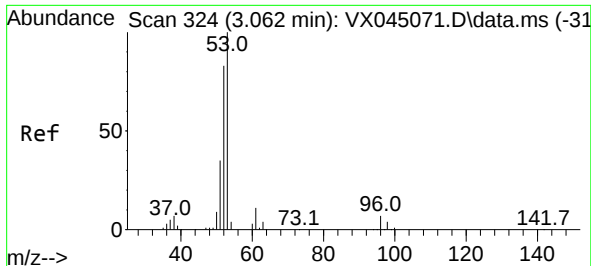
Tgt Ion: 56 Resp: 73382
Ion Ratio Lower Upper
56 100
55 69.3 56.2 84.4



#14
Allyl chloride
Concen: 51.628 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 41 Resp: 104985
Ion Ratio Lower Upper
41 100
39 70.1 53.8 80.8
76 32.2 25.2 37.8

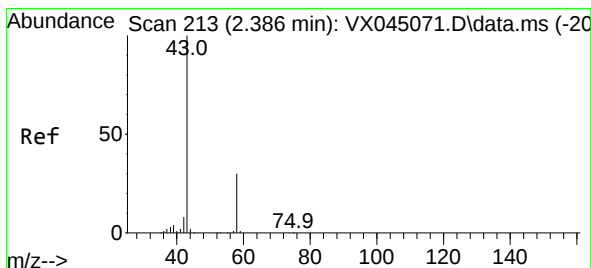
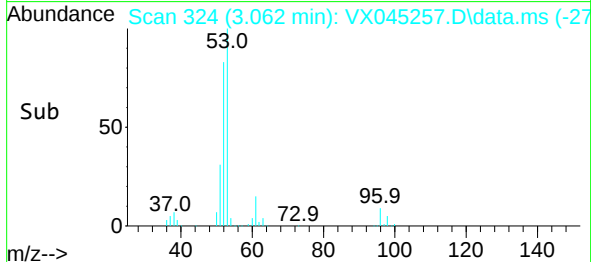
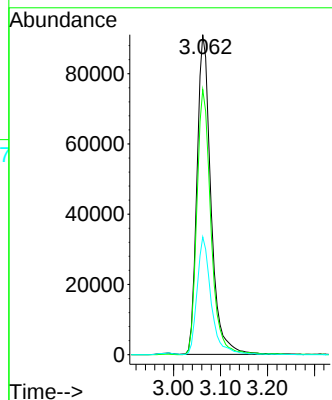
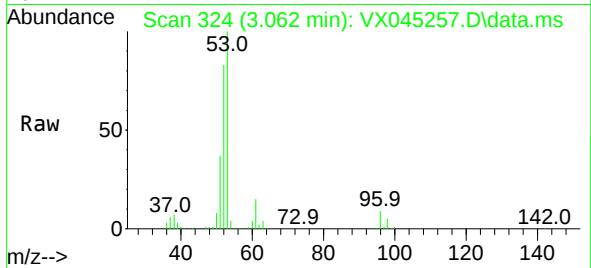




#15
Acrylonitrile
Concen: 250.959 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

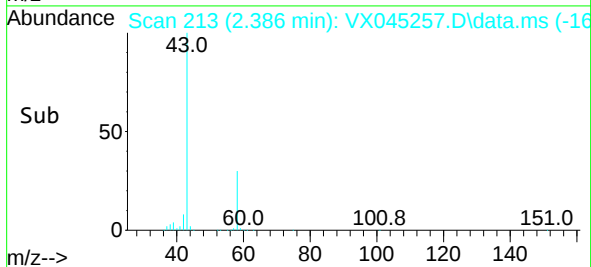
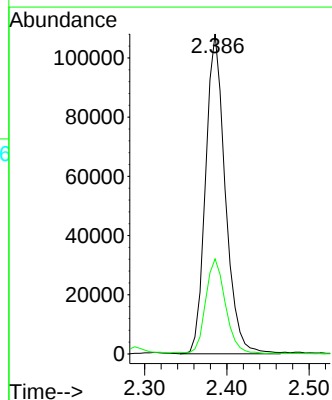
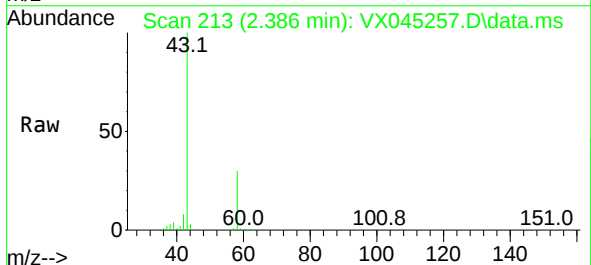
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

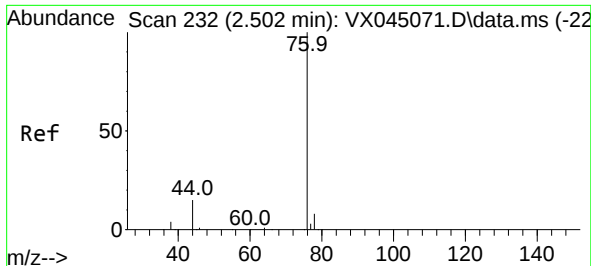
Tgt Ion: 53 Resp: 188400
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 36.7 29.0 43.4



#16
Acetone
Concen: 262.073 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 43 Resp: 179812
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.4





#17

Carbon Disulfide

Concen: 43.233 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

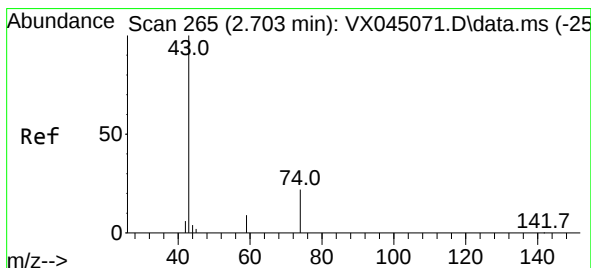
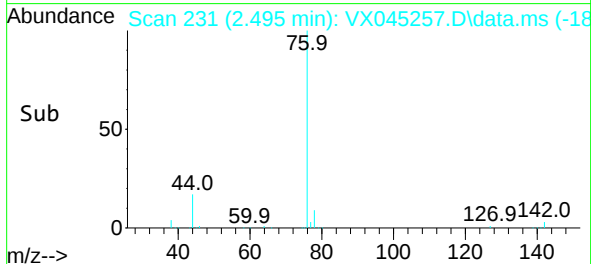
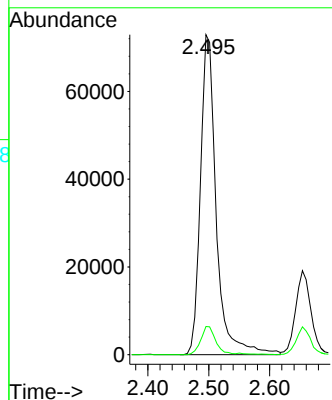
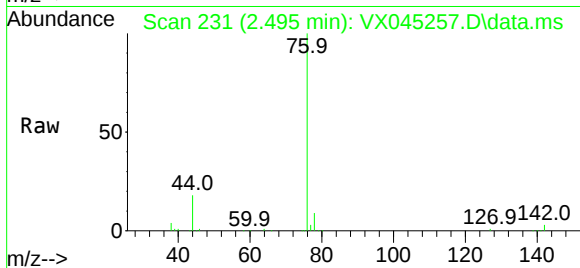
VSTDCCC050

Tgt Ion: 76 Resp: 131544

Ion Ratio Lower Upper

76 100

78 8.8 6.6 9.8



#18

Methyl Acetate

Concen: 57.542 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045257.D

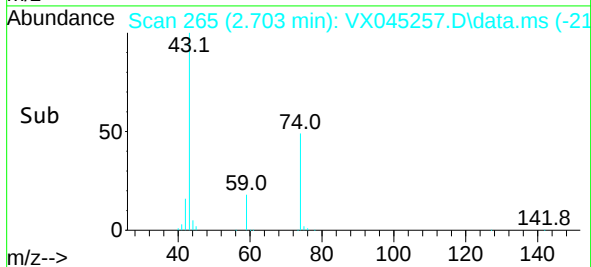
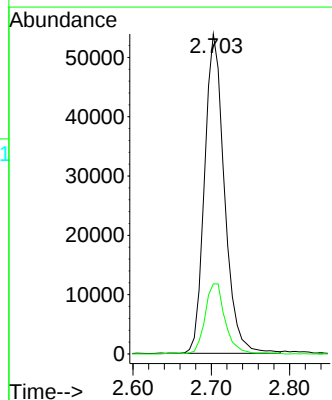
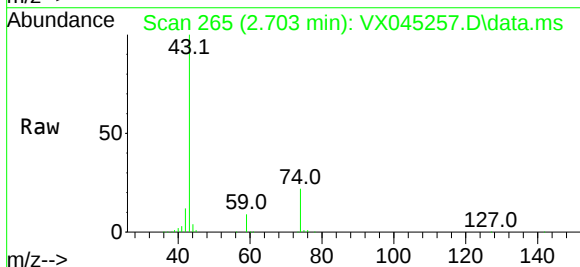
Acq: 13 Mar 2025 10:24

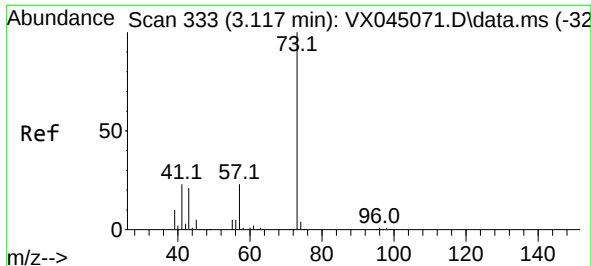
Tgt Ion: 43 Resp: 94977

Ion Ratio Lower Upper

43 100

74 22.3 17.4 26.2

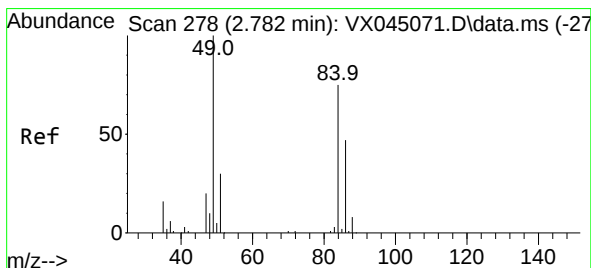
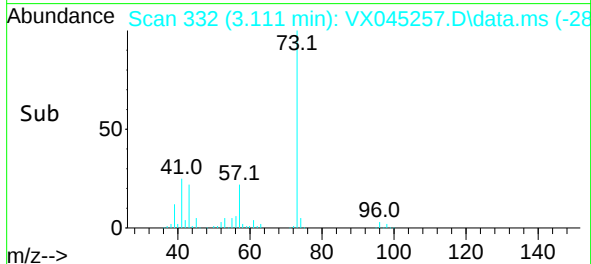
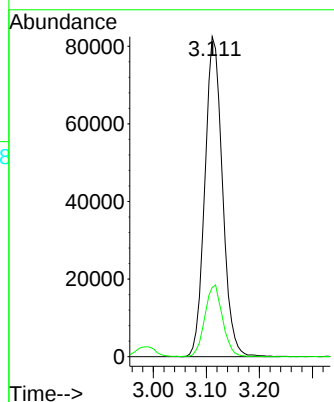
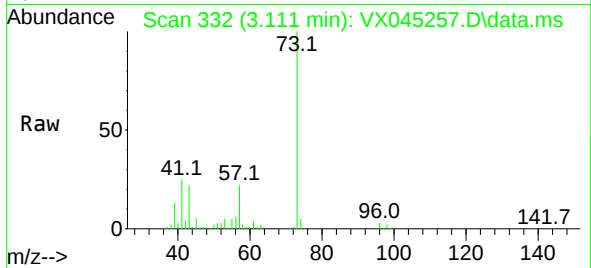




#19
Methyl tert-butyl Ether
Concen: 49.624 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

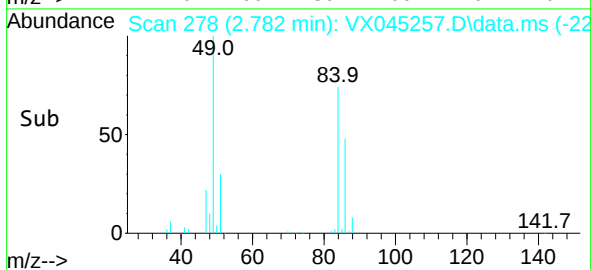
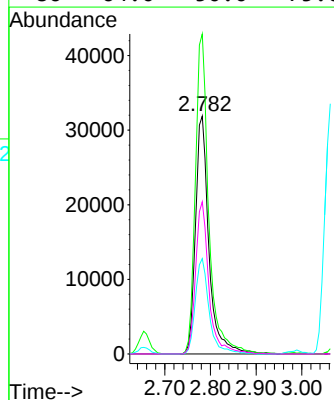
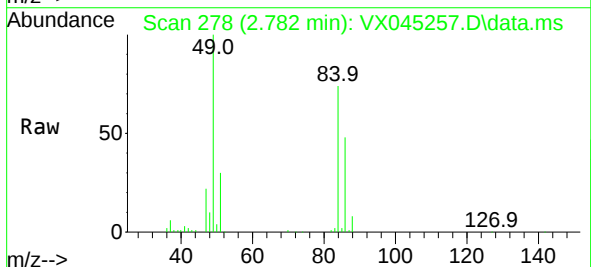
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 190193
Ion Ratio Lower Upper
73 100
57 21.7 18.5 27.7



#20
Methylene Chloride
Concen: 47.978 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 84 Resp: 65207
Ion Ratio Lower Upper
84 100
49 134.5 106.5 159.7
51 40.1 32.1 48.1
86 64.0 50.0 75.0

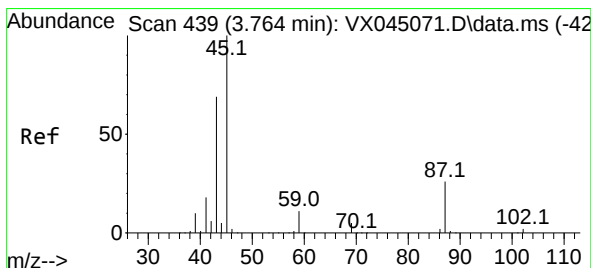
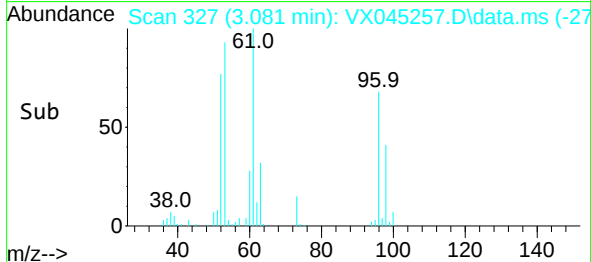
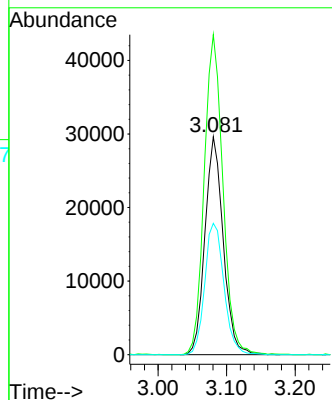
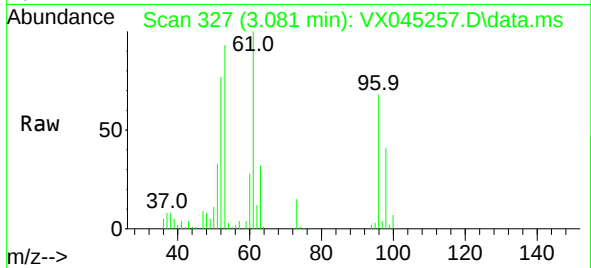




#21
trans-1,2-Dichloroethene
Concen: 48.797 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

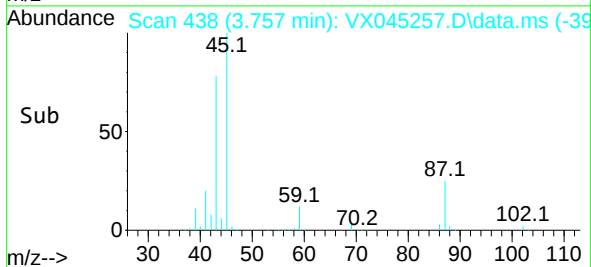
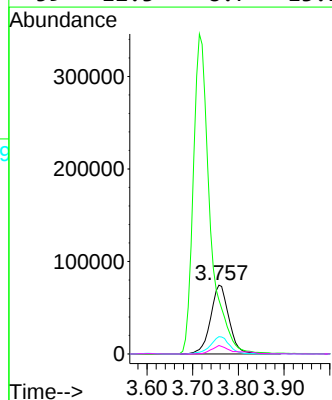
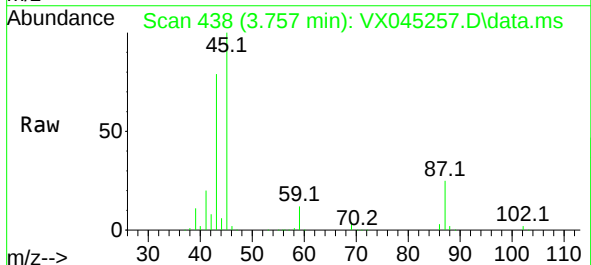
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

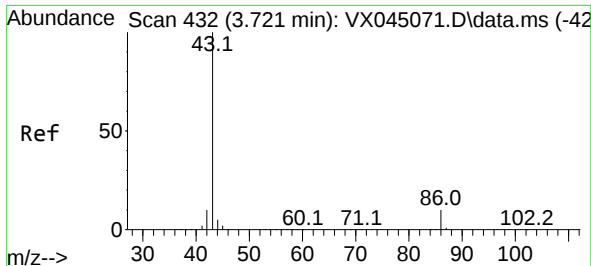
Tgt Ion: 96 Resp: 55072
Ion Ratio Lower Upper
96 100
61 146.8 117.0 175.4
98 60.3 53.4 80.2



#22
Diisopropyl ether
Concen: 50.369 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 45 Resp: 208305
Ion Ratio Lower Upper
45 100
43 77.9 54.9 82.3
87 25.0 21.0 31.4
59 12.3 8.7 13.1

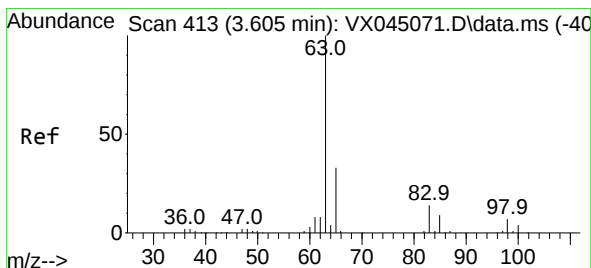
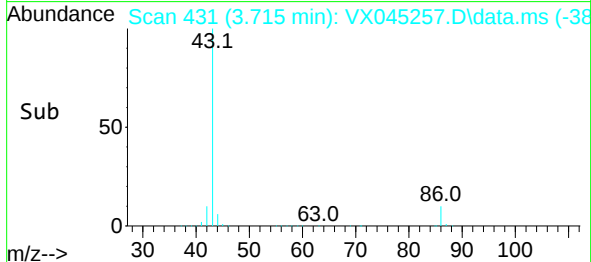
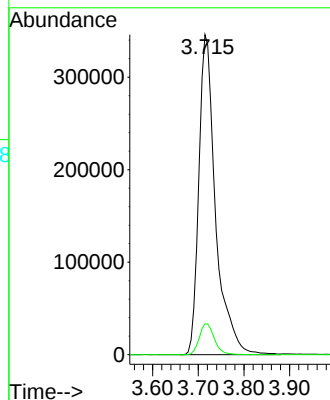
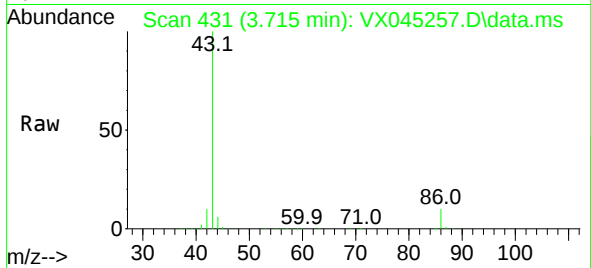




#23
Vinyl Acetate
Concen: 255.083 ug/l
RT: 3.715 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

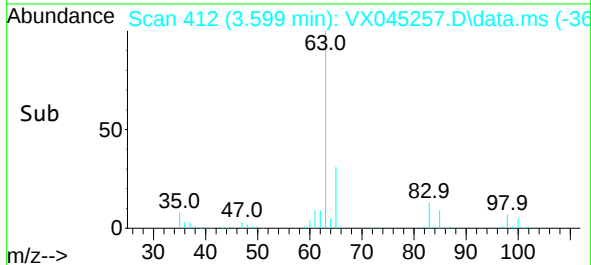
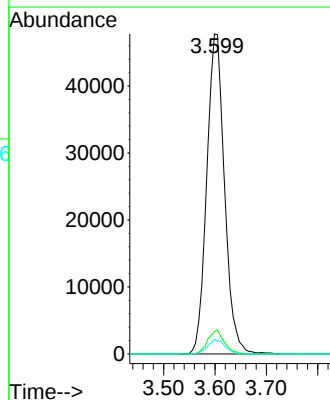
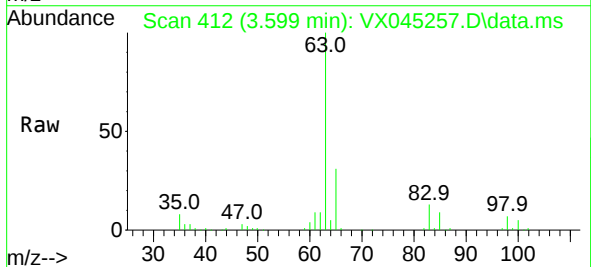
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

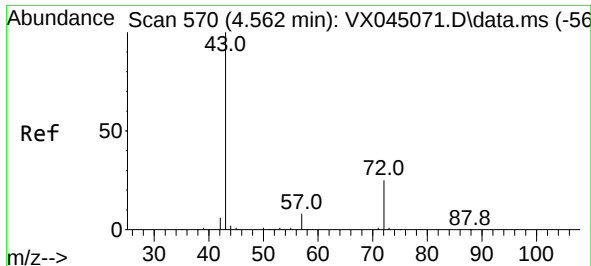
Tgt Ion: 43 Resp: 880345
Ion Ratio Lower Upper
43 100
86 9.6 8.1 12.1



#24
1,1-Dichloroethane
Concen: 49.538 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 63 Resp: 114815
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.2
100 4.6 2.1 6.5

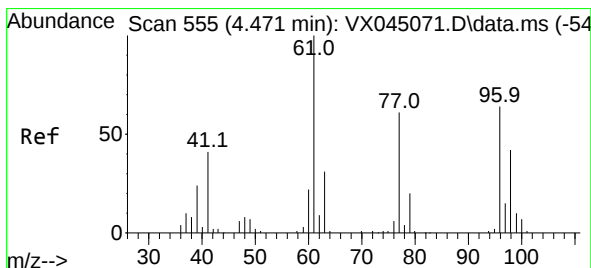
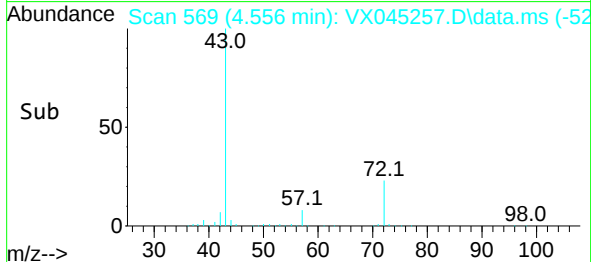
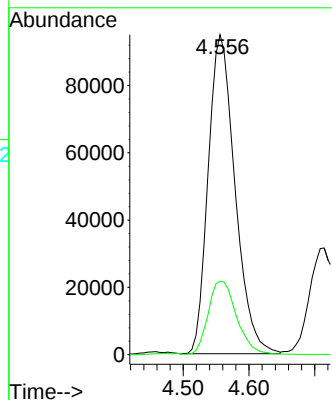
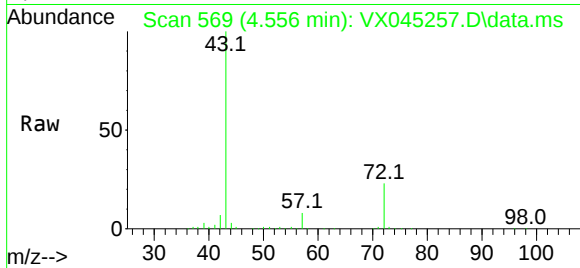




#25
2-Butanone
Concen: 260.525 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

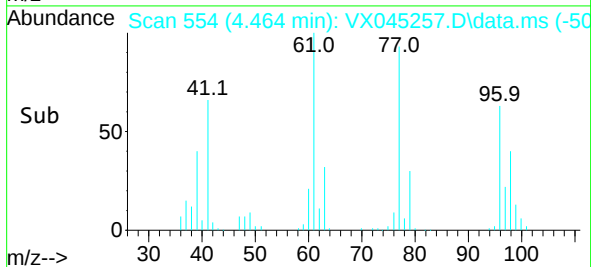
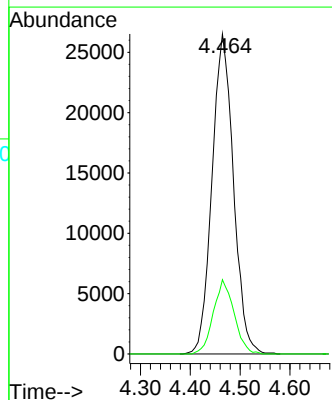
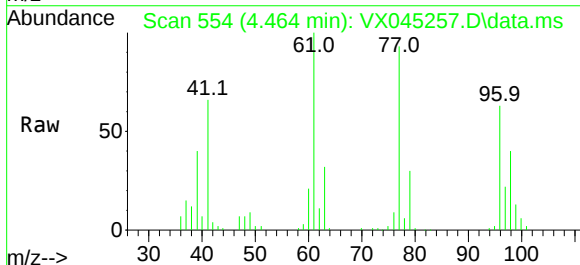
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

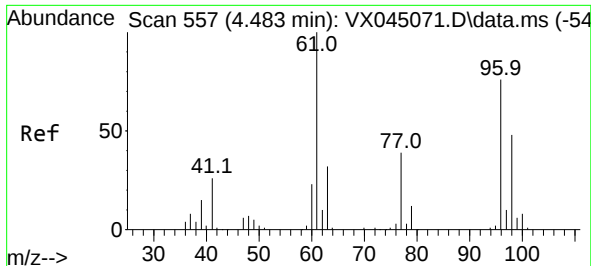
Tgt Ion: 43 Resp: 269063
Ion Ratio Lower Upper
43 100
72 22.8 20.0 30.0



#26
2,2-Dichloropropane
Concen: 72.834 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 77 Resp: 79181
Ion Ratio Lower Upper
77 100
97 22.4 12.4 37.0

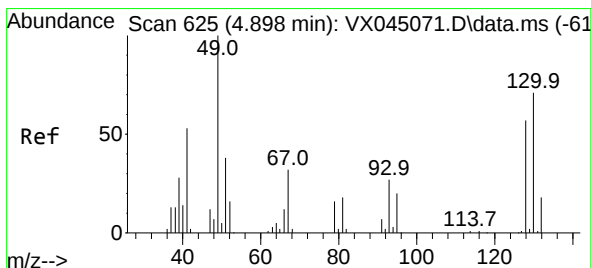
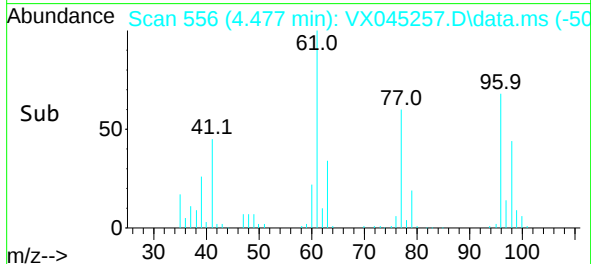
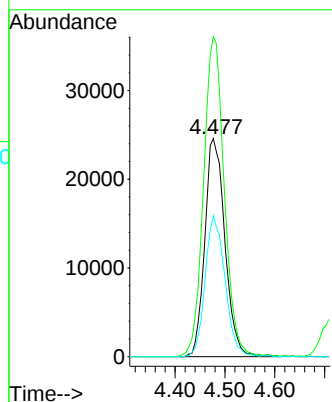
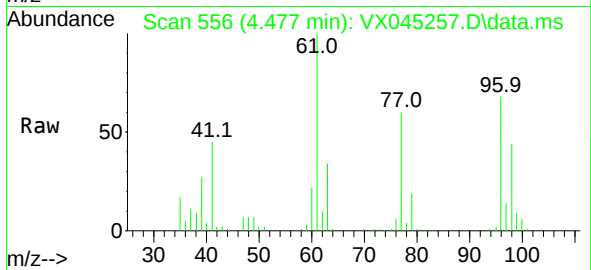




#27
cis-1,2-Dichloroethene
Concen: 49.445 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

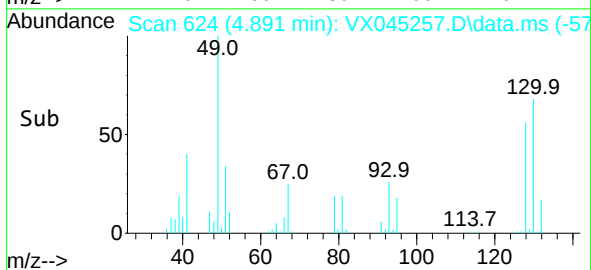
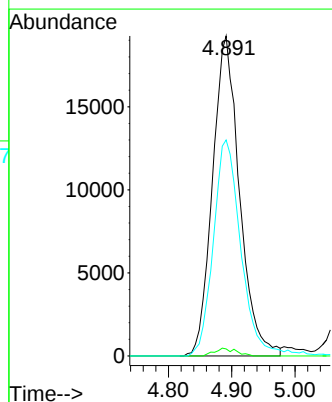
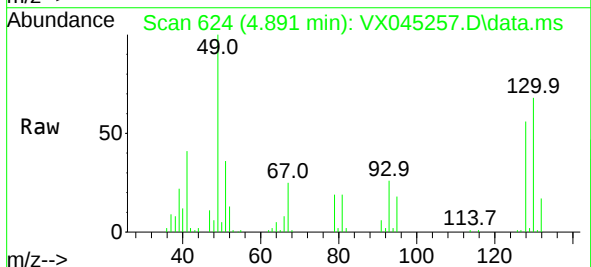
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

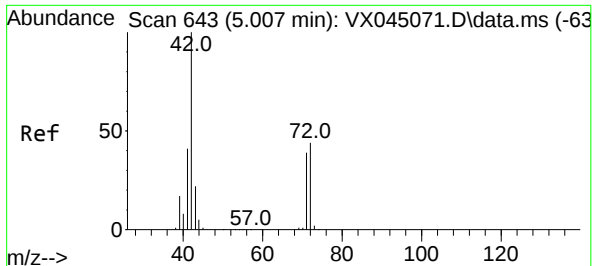
Tgt Ion: 96 Resp: 68887
Ion Ratio Lower Upper
96 100
61 150.8 0.0 283.2
98 63.8 0.0 128.0



#28
Bromochloromethane
Concen: 51.659 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 49 Resp: 57070
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 69.1 56.1 84.1





#29

Tetrahydrofuran

Concen: 240.995 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

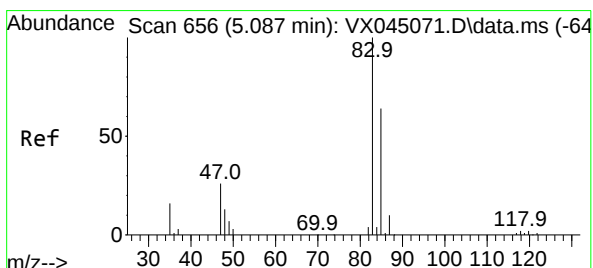
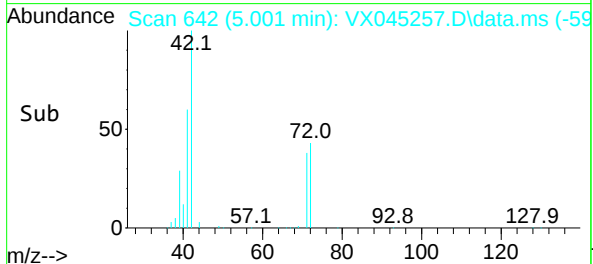
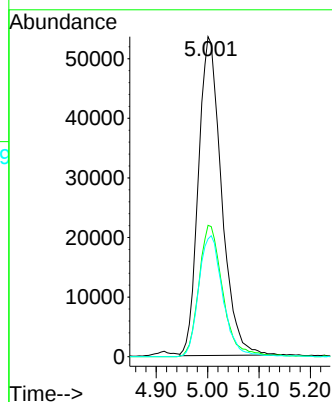
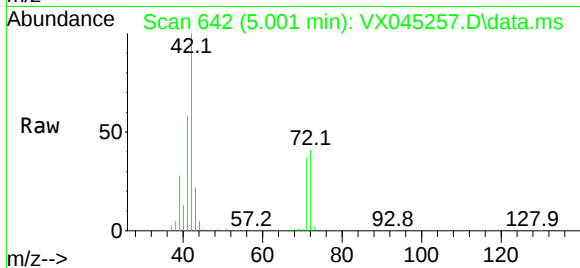
Tgt Ion: 42 Resp: 167144

Ion Ratio Lower Upper

42 100

72 42.3 34.1 51.1

71 39.7 31.4 47.0



#30

Chloroform

Concen: 50.056 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045257.D

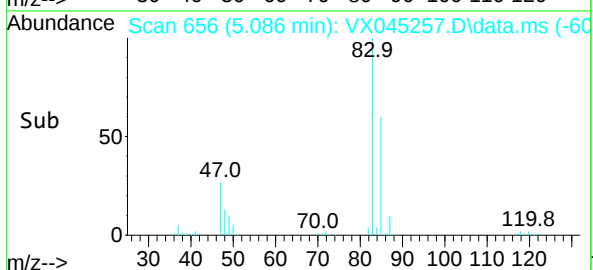
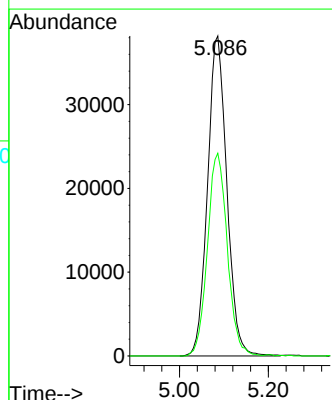
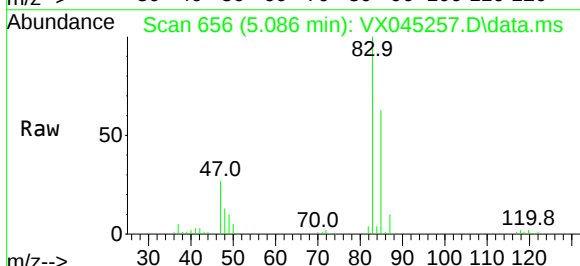
Acq: 13 Mar 2025 10:24

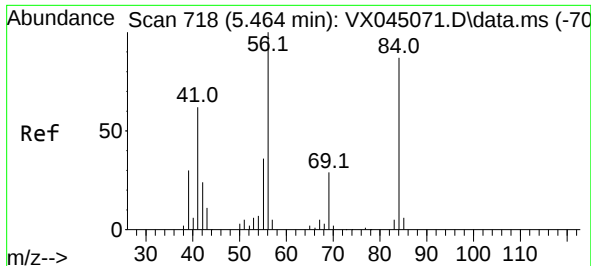
Tgt Ion: 83 Resp: 115276

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.2

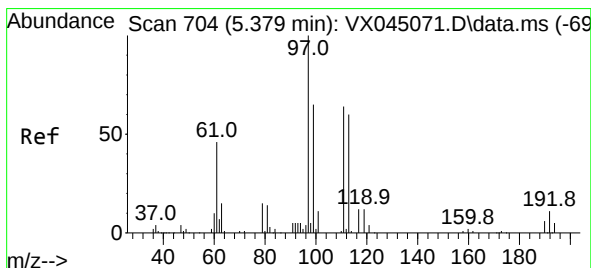
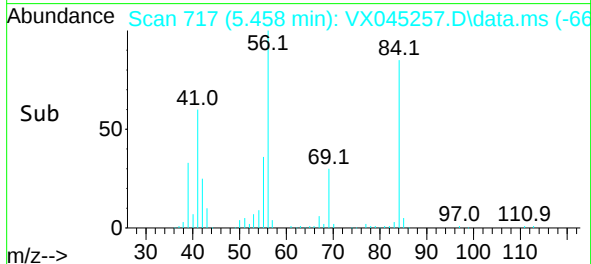
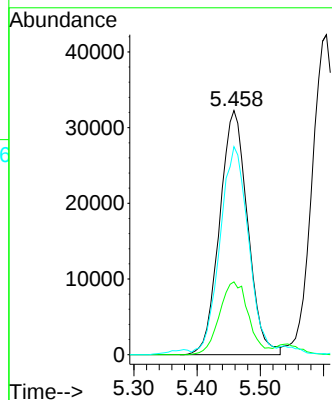
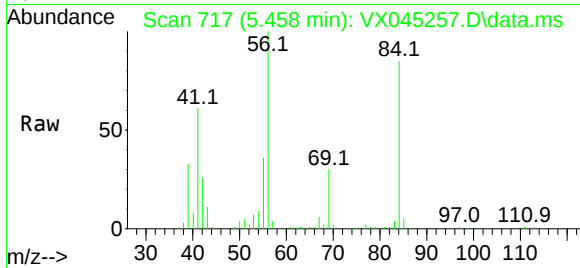




#31
Cyclohexane
Concen: 49.368 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

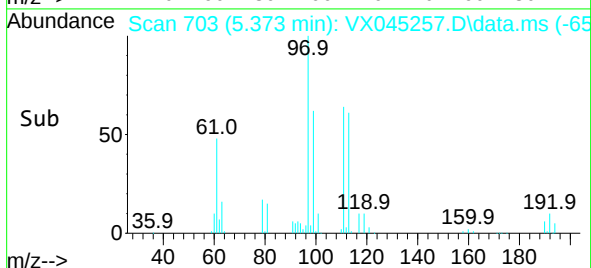
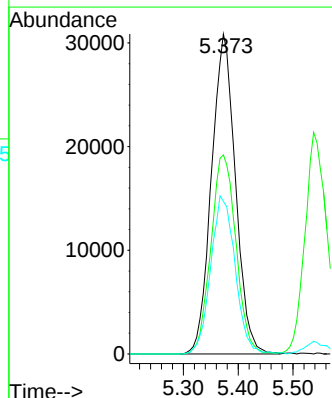
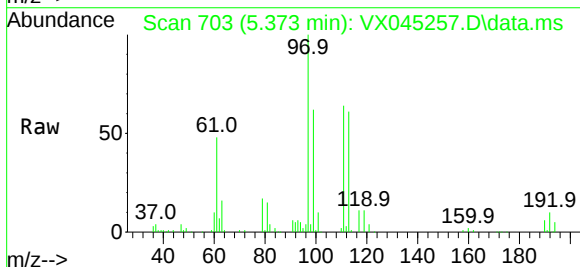
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

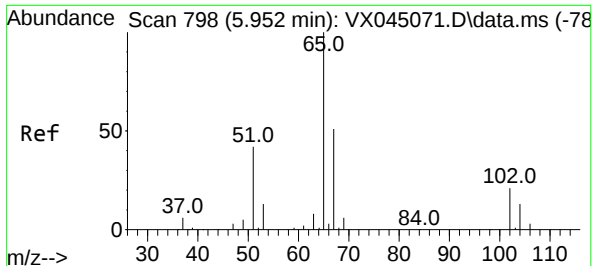
Tgt Ion: 56 Resp: 99325
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 83.4 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 50.422 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 97 Resp: 93785
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 50.4 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 52.297 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

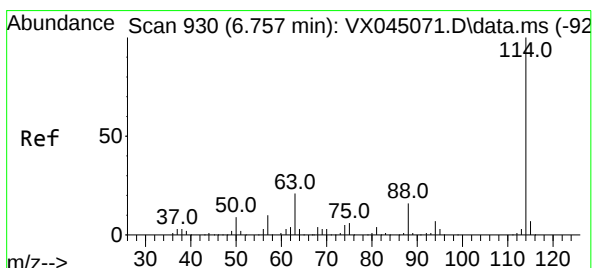
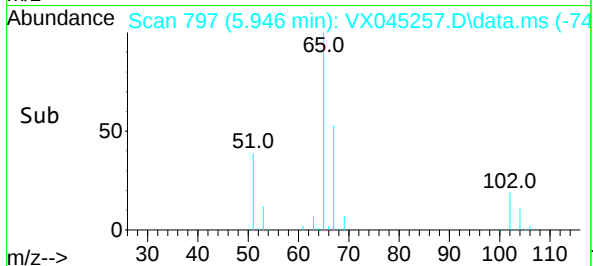
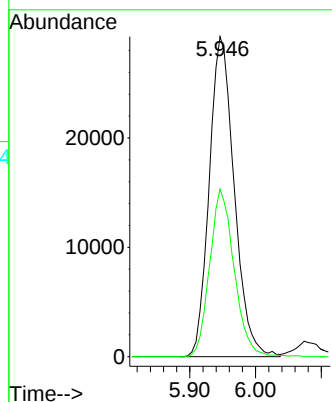
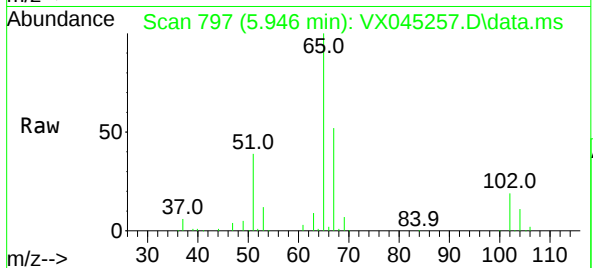
VSTDCCC050

Tgt Ion: 65 Resp: 77336

Ion Ratio Lower Upper

65 100

67 51.2 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: VX045257.D

Acq: 13 Mar 2025 10:24

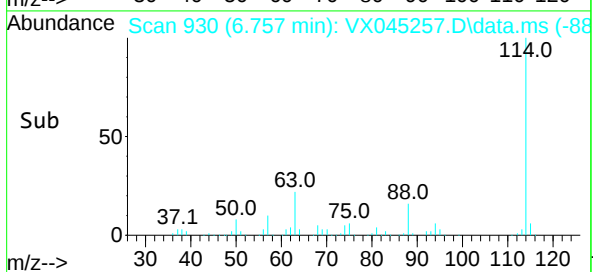
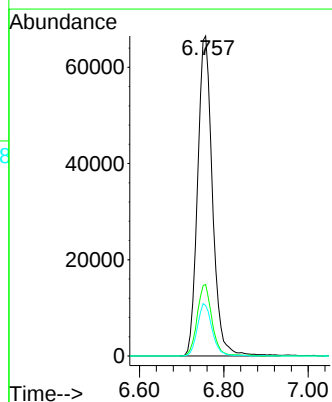
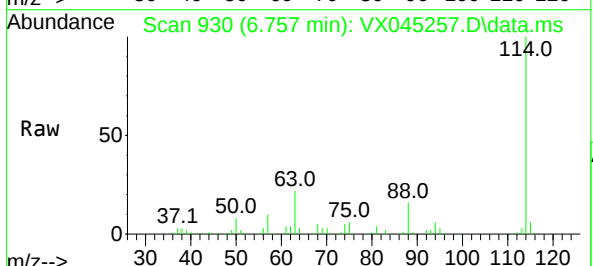
Tgt Ion: 114 Resp: 162999

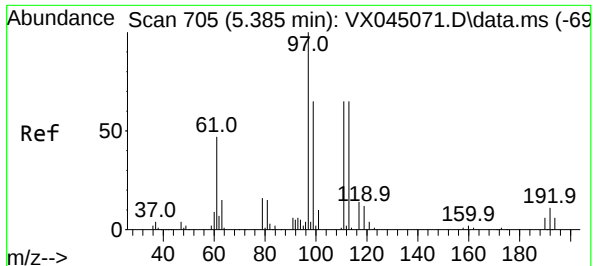
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 15.7 0.0 32.8

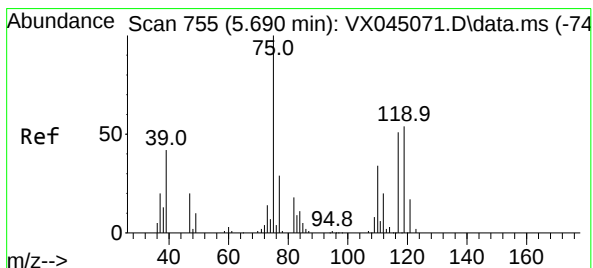
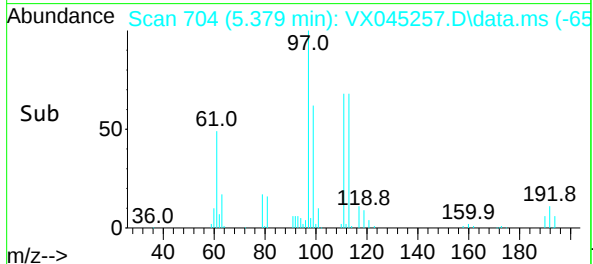
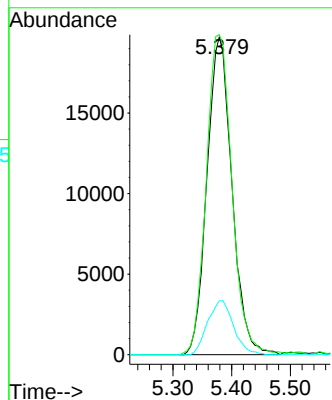
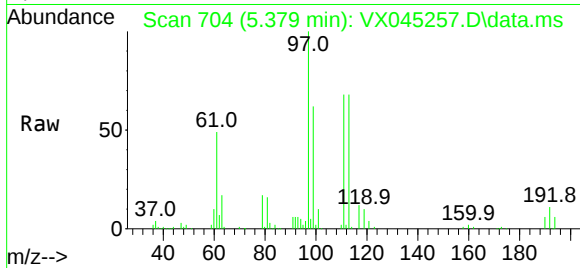




#35
Dibromofluoromethane
Concen: 53.317 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

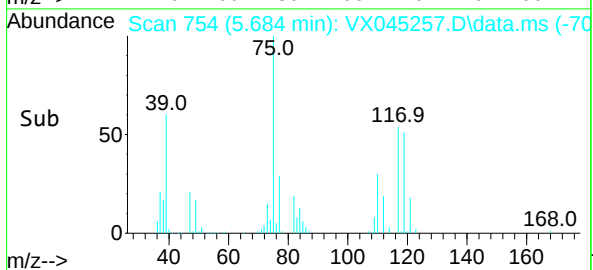
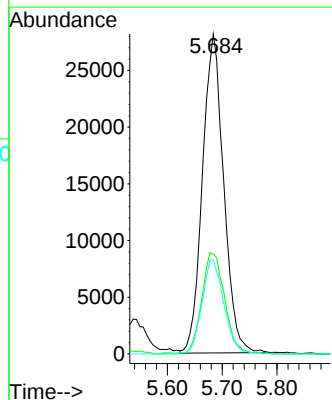
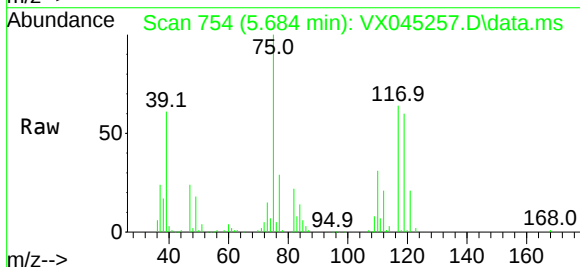
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

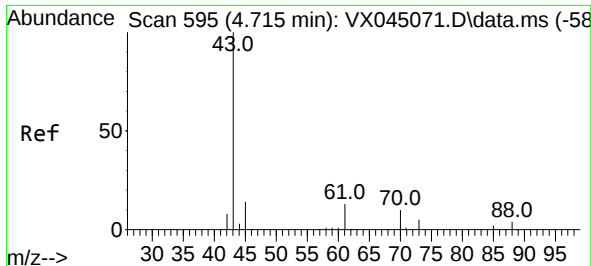
Tgt Ion:113 Resp: 58112
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 17.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 50.546 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 75 Resp: 75552
Ion Ratio Lower Upper
75 100
110 34.2 16.9 50.6
77 30.8 24.5 36.7





#37

Ethyl Acetate

Concen: 50.189 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

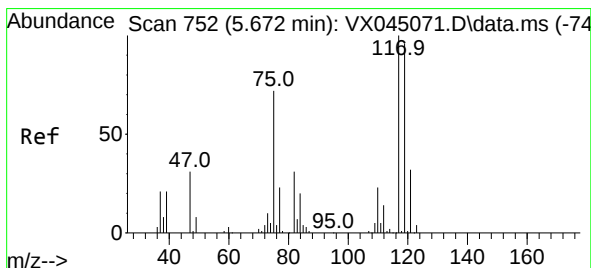
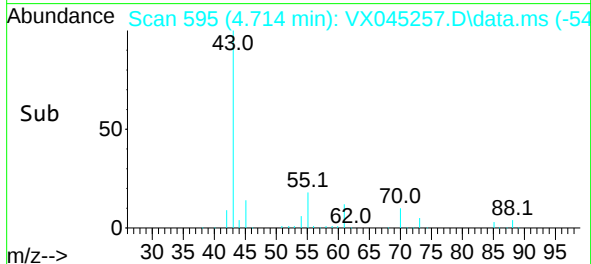
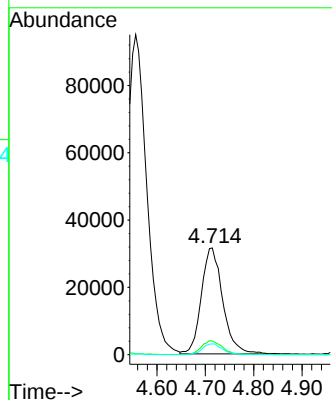
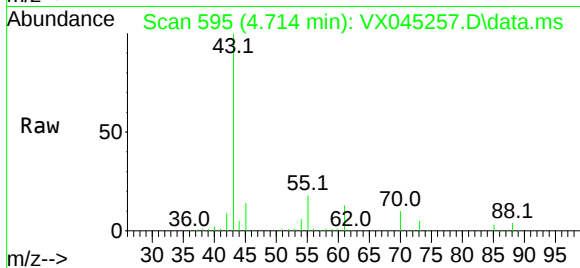
Tgt Ion: 43 Resp: 96666

Ion Ratio Lower Upper

43 100

61 12.5 10.8 16.2

70 9.8 7.7 11.5



#38

Carbon Tetrachloride

Concen: 52.271 ug/l

RT: 5.665 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

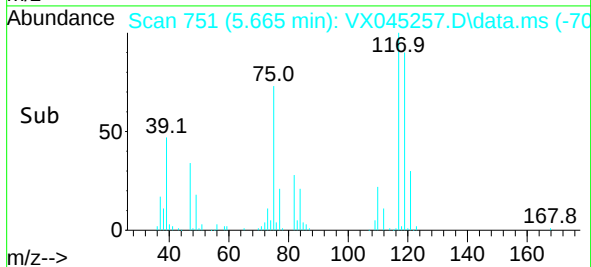
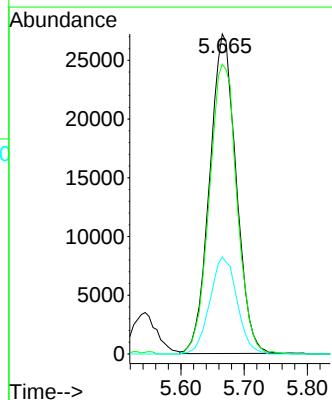
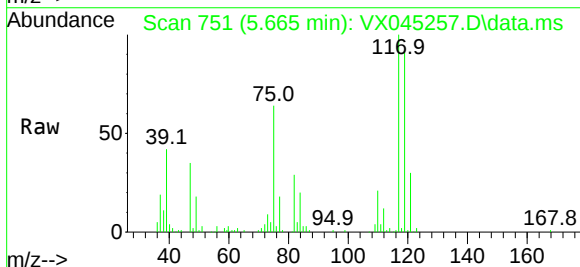
Tgt Ion: 117 Resp: 79322

Ion Ratio Lower Upper

117 100

119 90.8 76.7 115.1

121 30.4 25.5 38.3

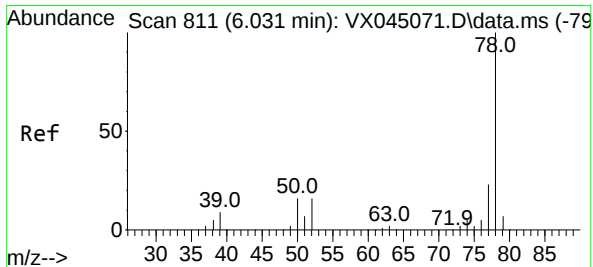
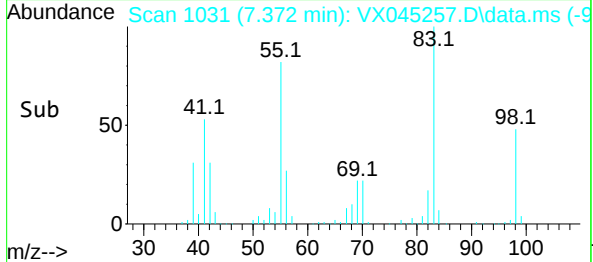
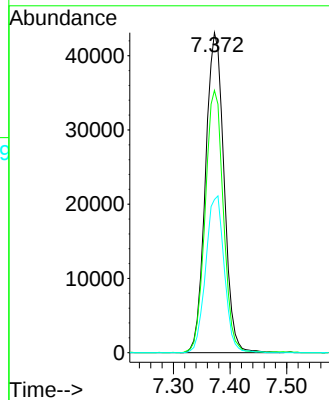
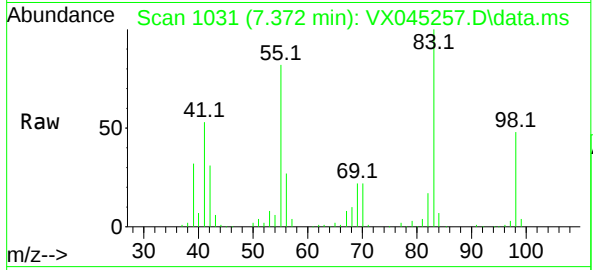




#39
Methylcyclohexane
Concen: 54.710 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

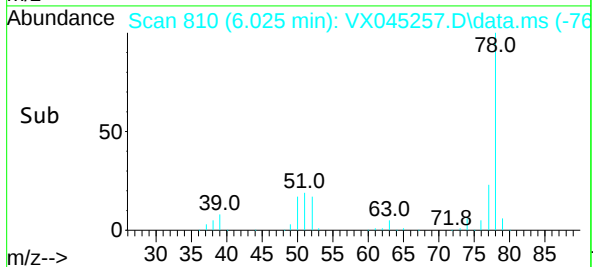
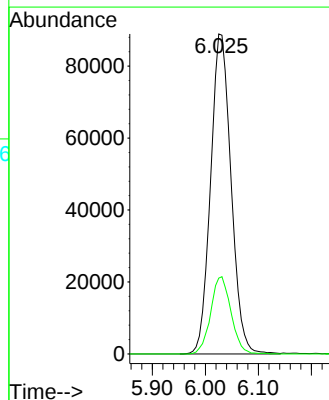
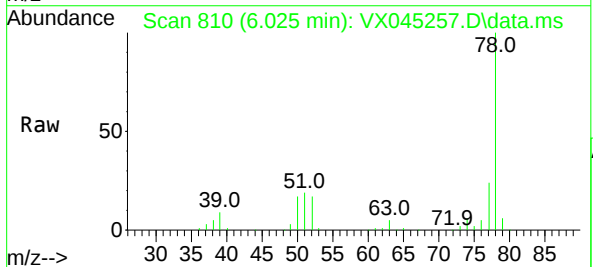
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	97987
Ion	Ratio	Lower	Upper
83	100		
55	82.0	63.0	94.4
98	47.9	39.7	59.5



#40
Benzene
Concen: 50.537 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion:	78	Resp:	238534
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

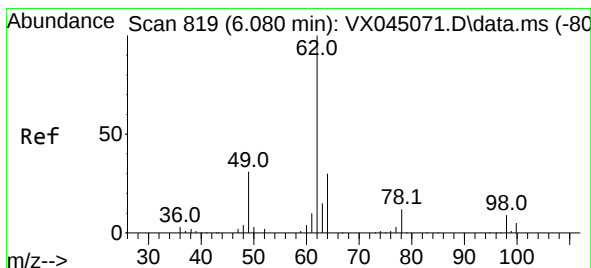
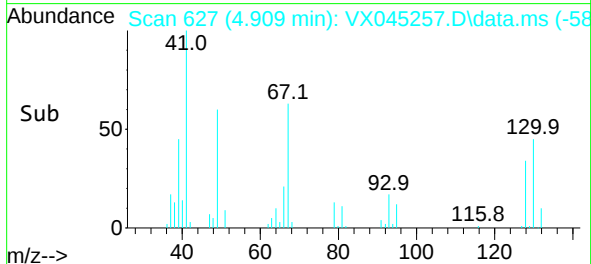
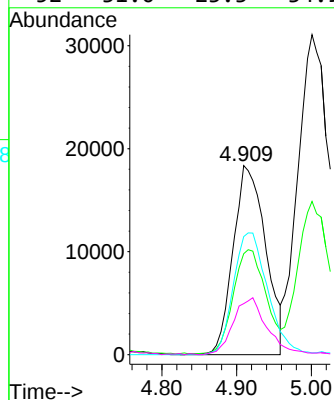
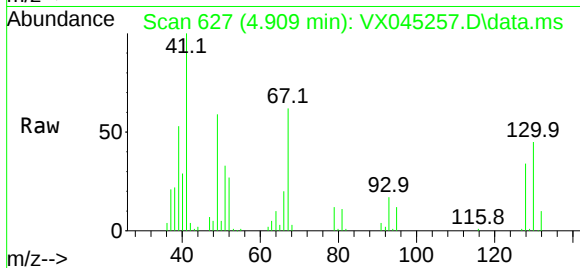




#41
Methacrylonitrile
Concen: 53.340 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

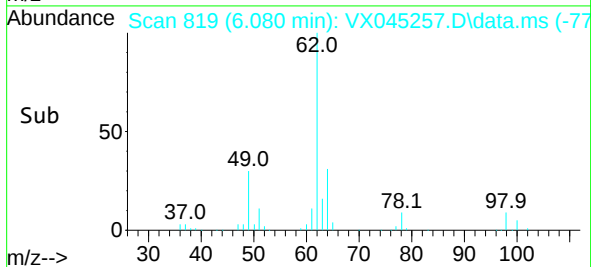
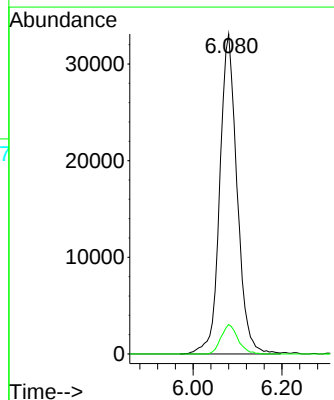
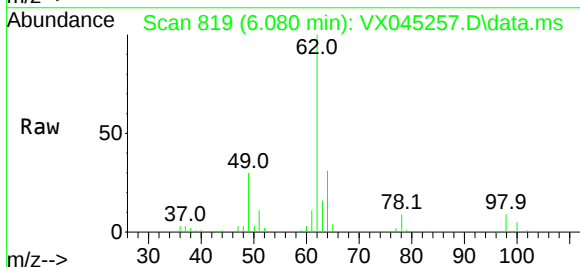
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

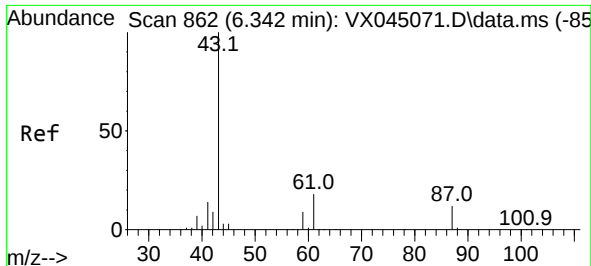
Tgt Ion:	41	Resp:	55551
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.6	67.0
67	67.9	53.9	80.9
52	31.0	23.3	34.9



#42
1,2-Dichloroethane
Concen: 52.542 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion:	62	Resp:	89305
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2

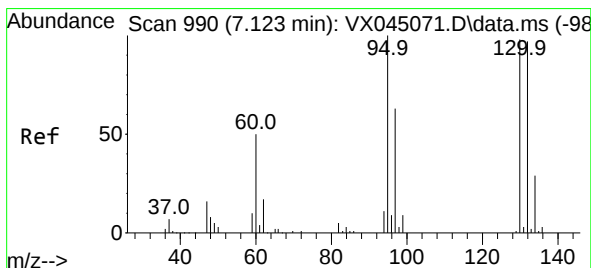
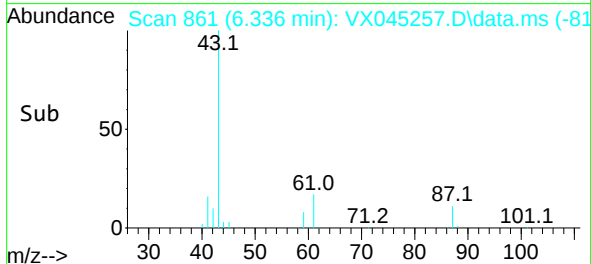
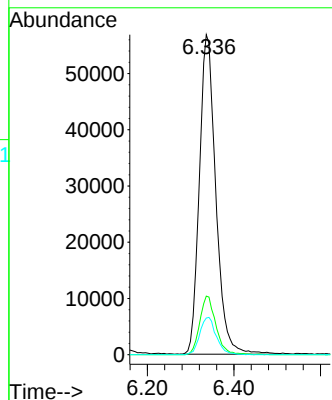
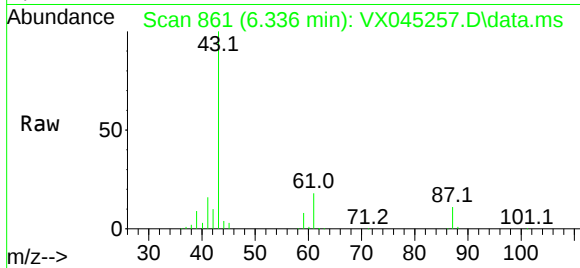




#43
Isopropyl Acetate
Concen: 52.647 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

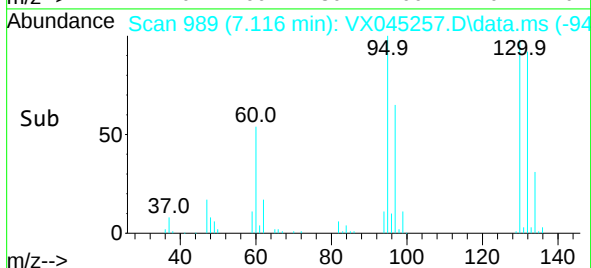
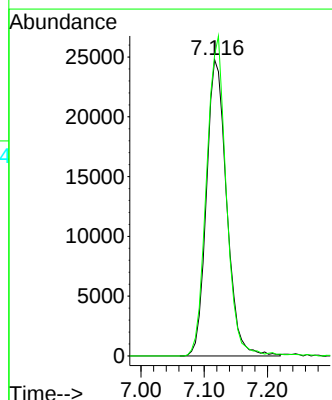
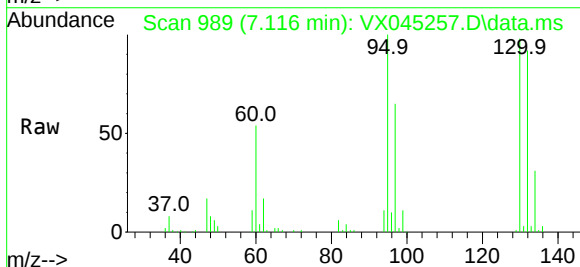
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

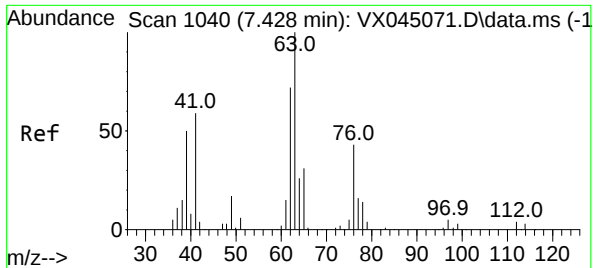
Tgt Ion: 43 Resp: 149943
Ion Ratio Lower Upper
43 100
61 17.9 14.9 22.3
87 11.7 9.4 14.2



#44
Trichloroethene
Concen: 49.801 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion:130 Resp: 55195
Ion Ratio Lower Upper
130 100
95 101.5 0.0 205.0

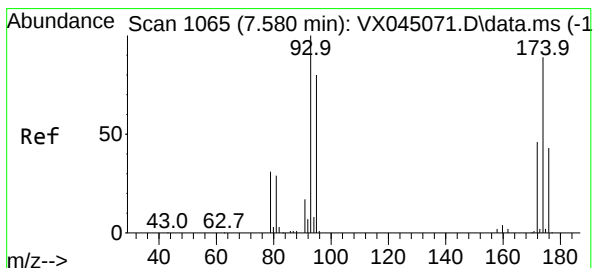
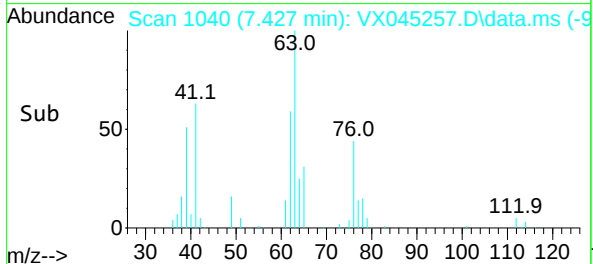
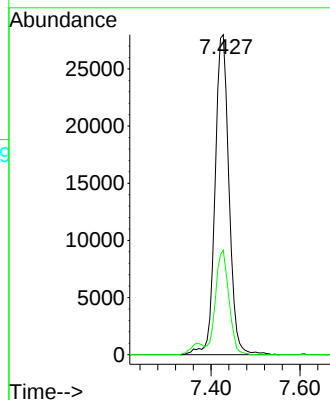
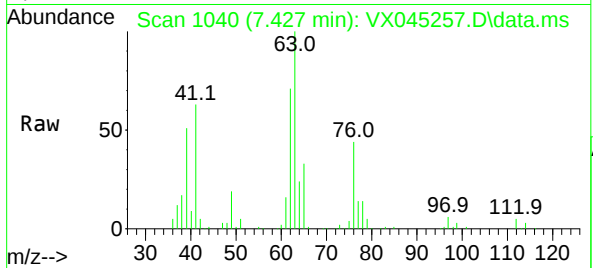




#45
1,2-Dichloropropane
Concen: 50.174 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

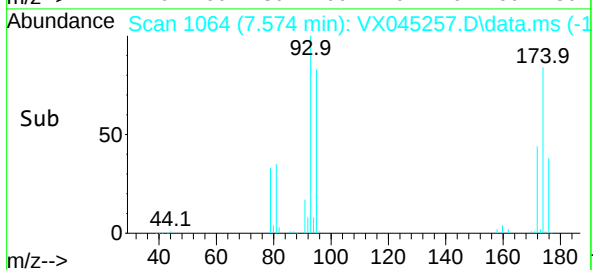
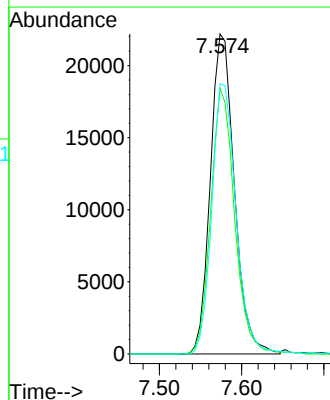
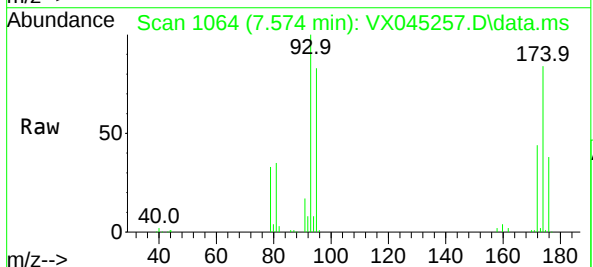
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MSVOA_X
ClientSampleId :
VSTDCCC050

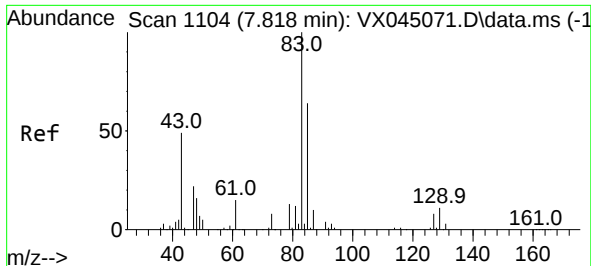
Tgt Ion: 63 Resp: 60889
Ion Ratio Lower Upper
63 100
65 32.7 24.7 37.1



#46
Dibromomethane
Concen: 52.654 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 93 Resp: 45165
Ion Ratio Lower Upper
93 100
95 82.3 65.8 98.8
174 85.1 72.2 108.2

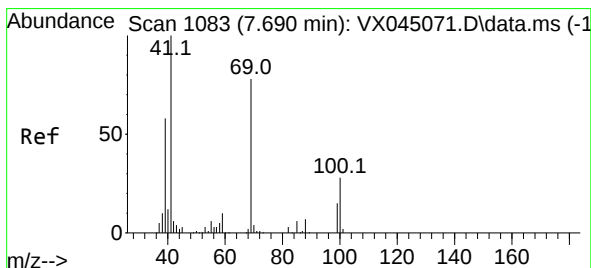
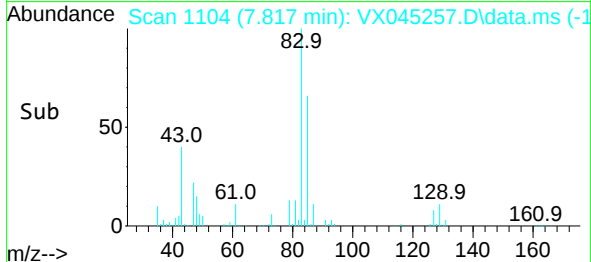
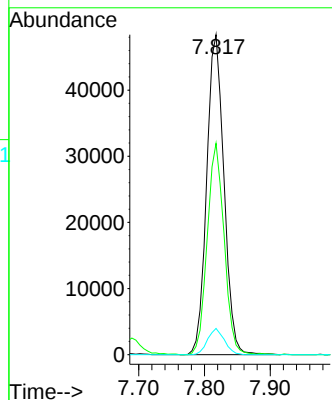
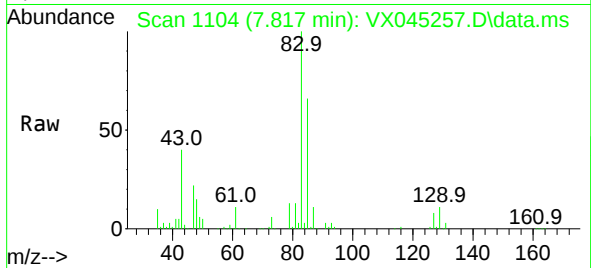




#47
Bromodichloromethane
Concen: 52.546 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

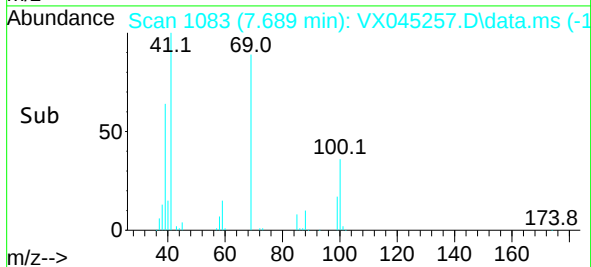
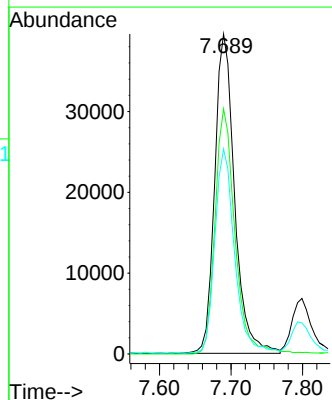
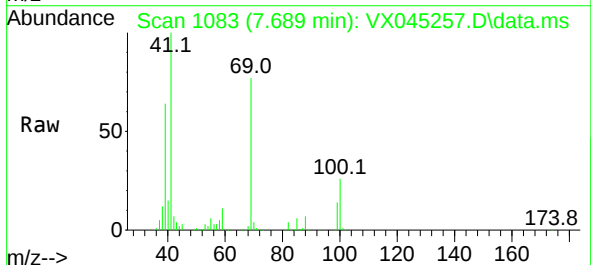
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

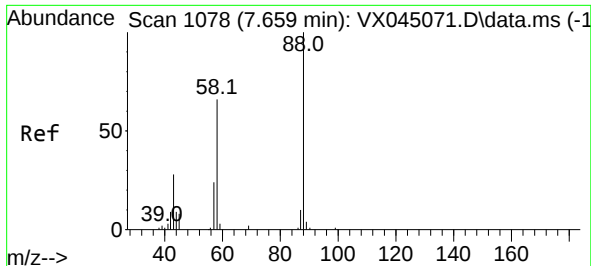
Tgt Ion: 83 Resp: 88408
Ion Ratio Lower Upper
83 100
85 66.1 51.1 76.7
127 8.2 6.4 9.6



#48
Methyl methacrylate
Concen: 53.300 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 41 Resp: 76158
Ion Ratio Lower Upper
41 100
69 77.4 63.0 94.6
39 63.8 47.5 71.3





#49

1,4-Dioxane

Concen: 964.689 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

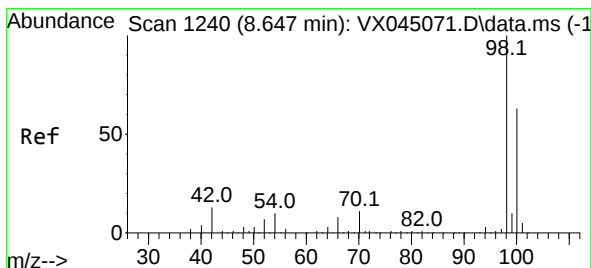
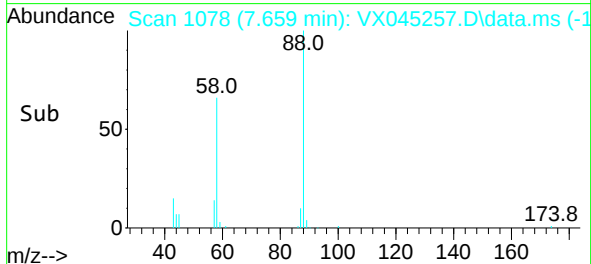
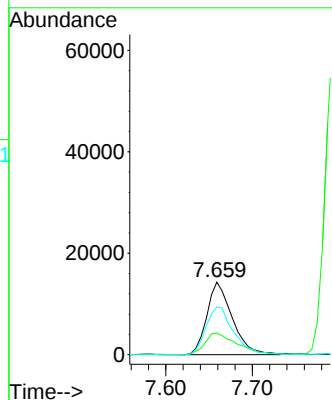
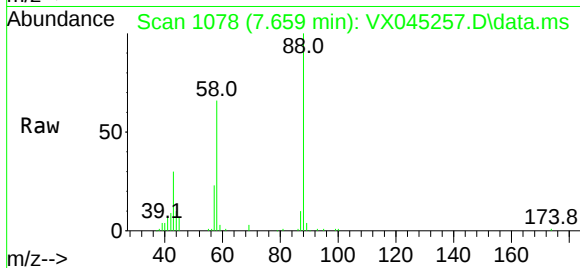
Tgt Ion: 88 Resp: 29076

Ion Ratio Lower Upper

88 100

43 37.7 28.7 43.1

58 71.9 55.8 83.8



#50

Toluene-d8

Concen: 51.934 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045257.D

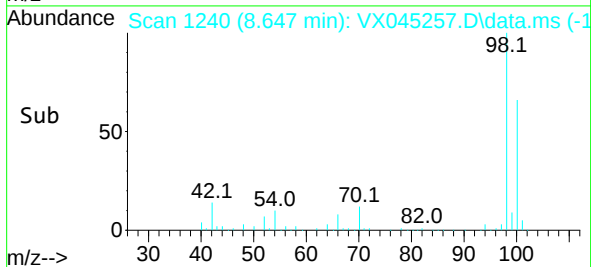
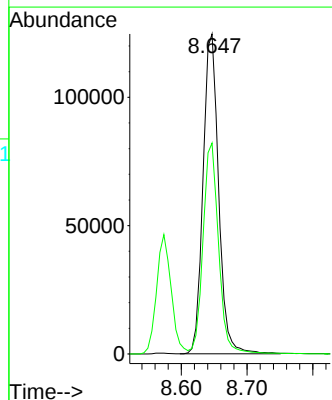
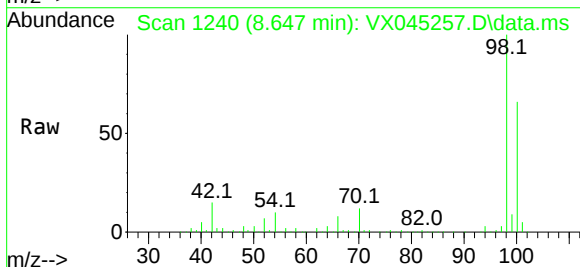
Acq: 13 Mar 2025 10:24

Tgt Ion: 98 Resp: 205212

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0

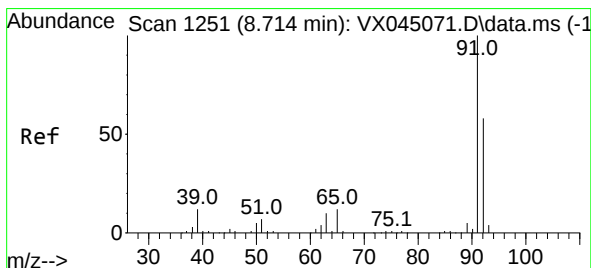
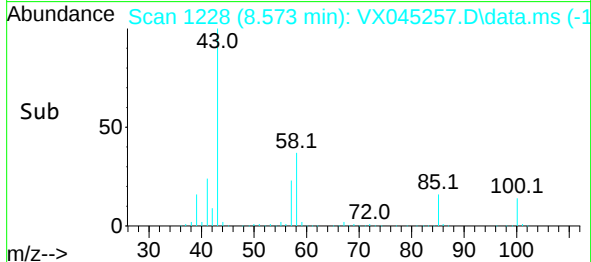
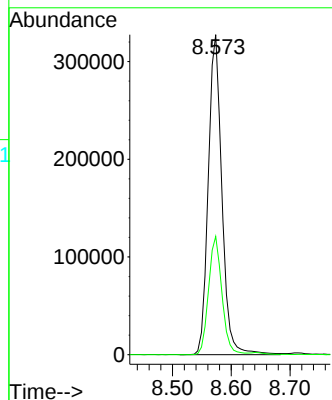
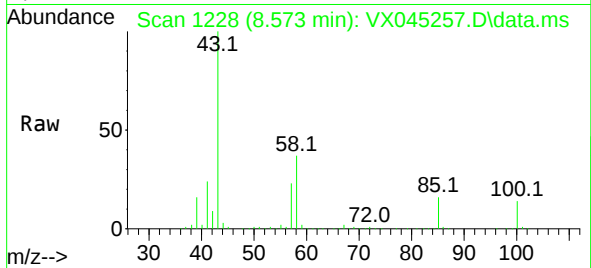




#51
4-Methyl-2-Pentanone
Concen: 276.238 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

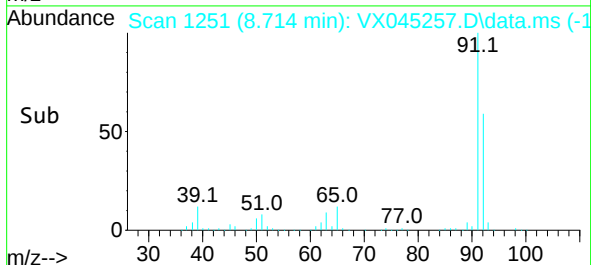
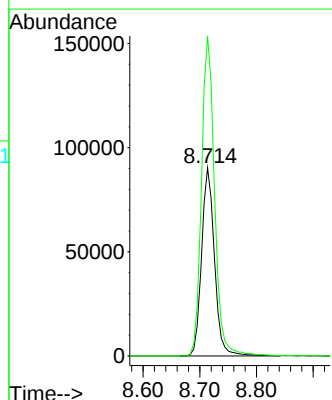
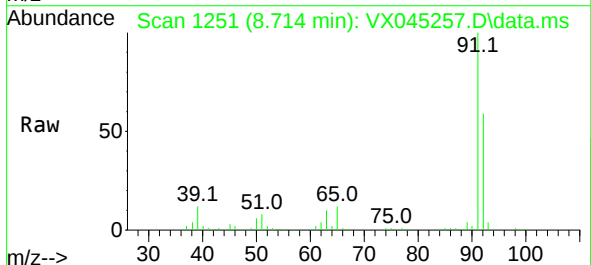
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

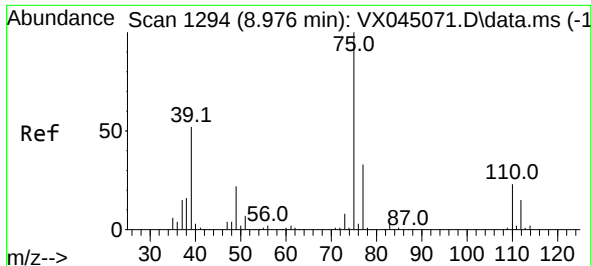
Tgt Ion: 43 Resp: 528259
Ion Ratio Lower Upper
43 100
58 36.2 29.2 43.8



#52
Toluene
Concen: 51.486 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 92 Resp: 142581
Ion Ratio Lower Upper
92 100
91 172.4 138.9 208.3

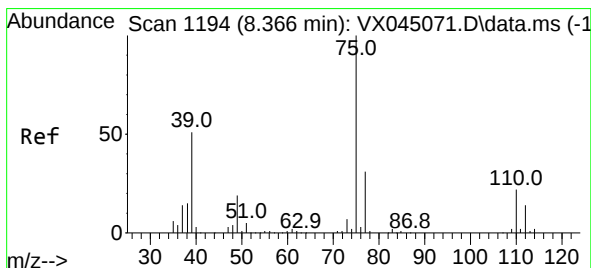
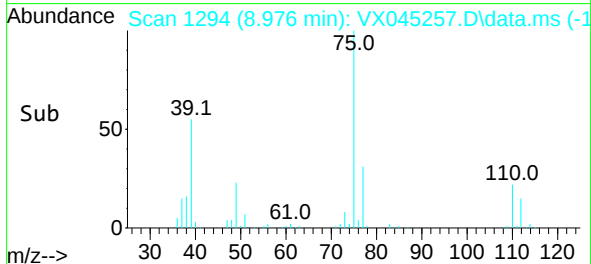
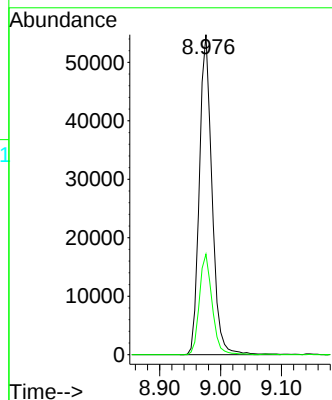
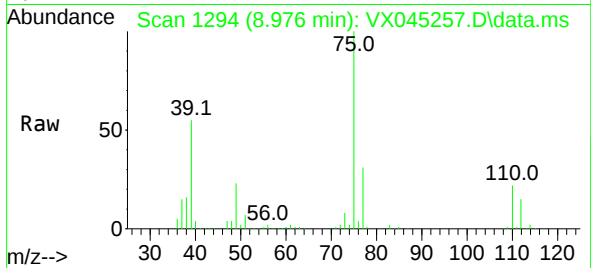




#53
t-1,3-Dichloropropene
Concen: 55.945 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

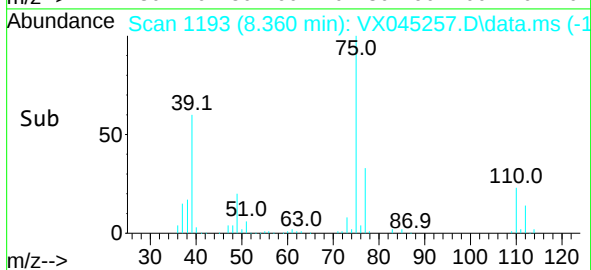
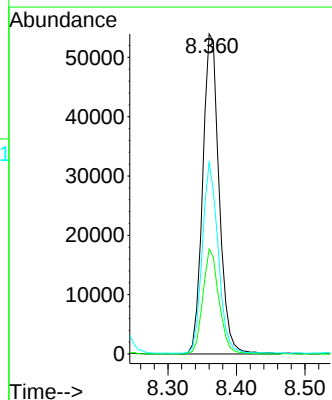
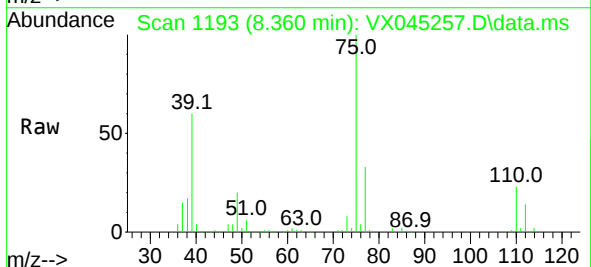
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

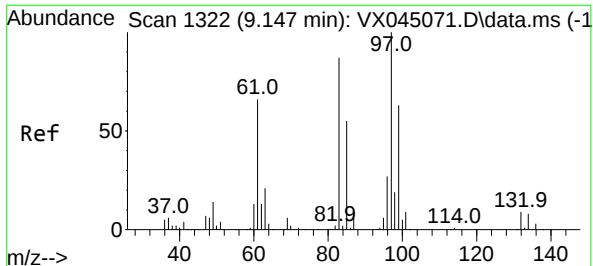
Tgt Ion: 75 Resp: 78690
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 55.043 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 75 Resp: 90280
Ion Ratio Lower Upper
75 100
77 32.8 24.7 37.1
39 59.6 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 50.560 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 57642

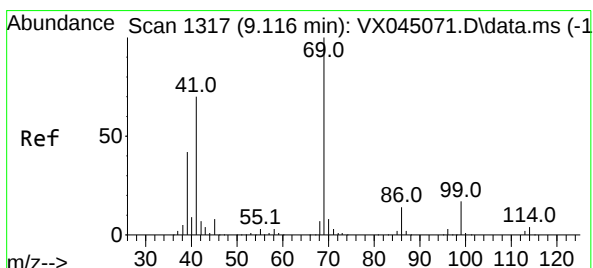
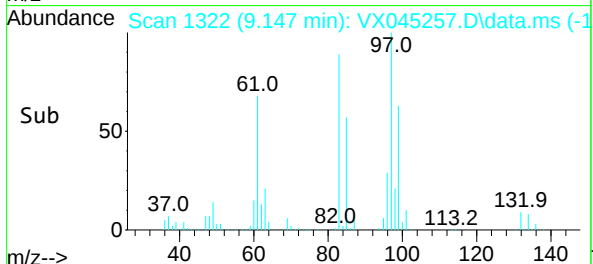
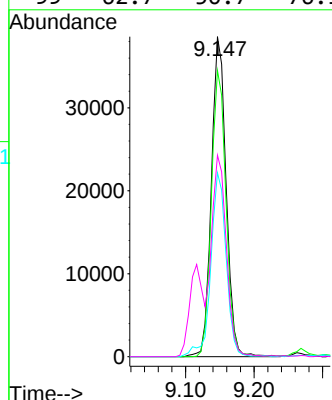
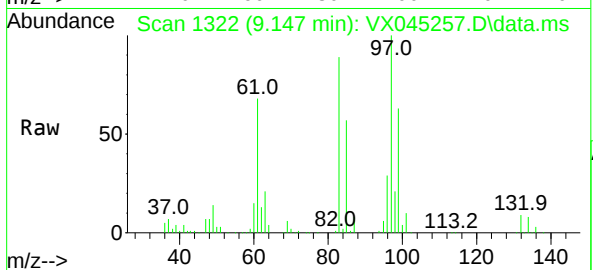
Ion Ratio Lower Upper

97 100

83 89.4 69.4 104.2

85 57.5 44.1 66.1

99 62.7 50.7 76.1



#56

Ethyl methacrylate

Concen: 54.596 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

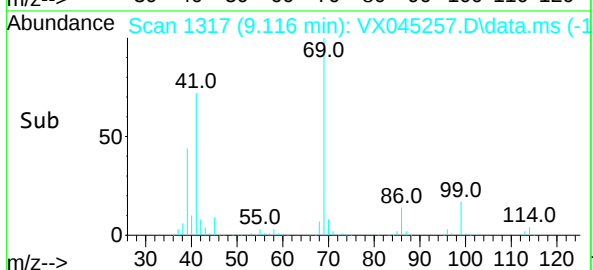
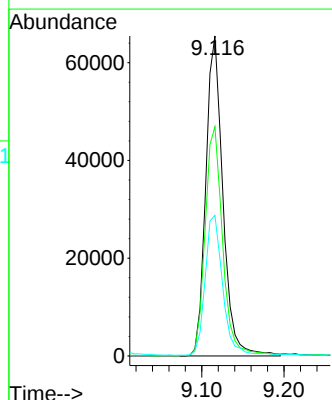
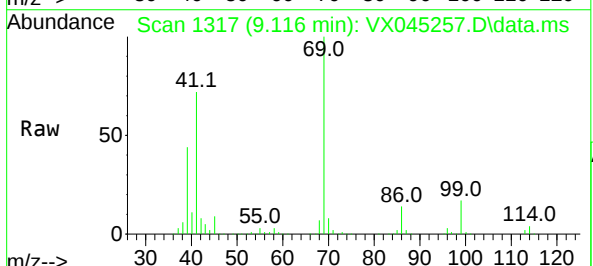
Tgt Ion: 69 Resp: 94614

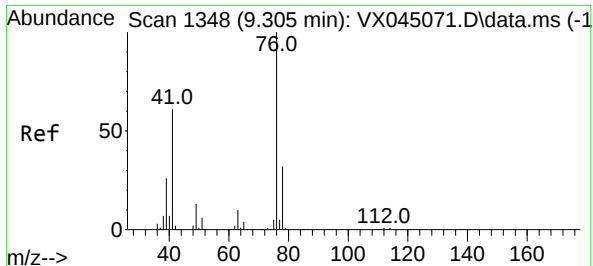
Ion Ratio Lower Upper

69 100

41 74.3 57.0 85.4

39 45.0 34.2 51.4





#57

1,3-Dichloropropane

Concen: 51.310 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

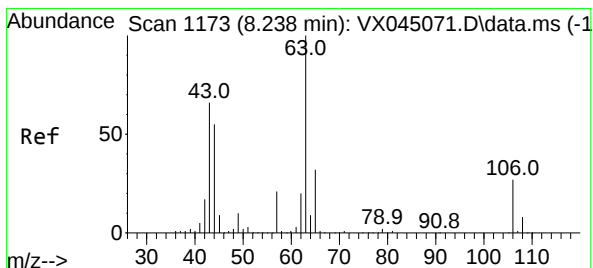
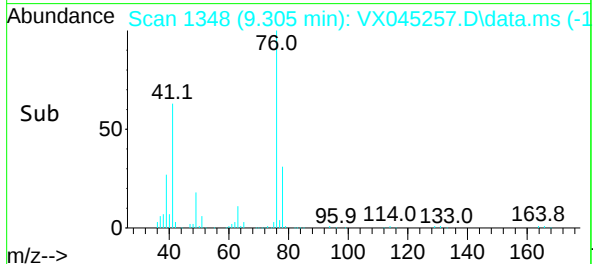
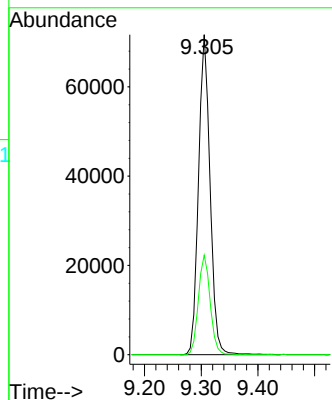
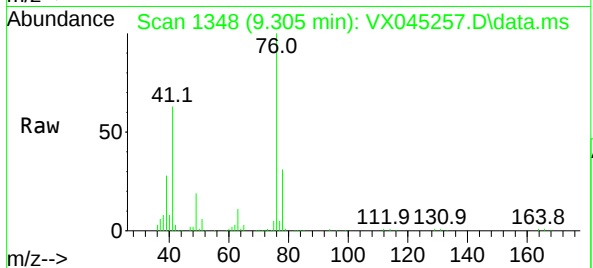
VSTDCCC050

Tgt Ion: 76 Resp: 101233

Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 294.630 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045257.D

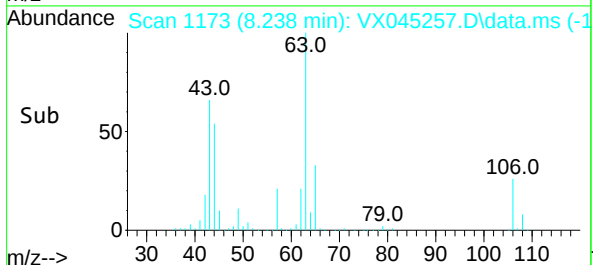
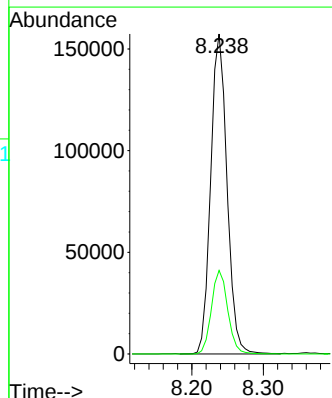
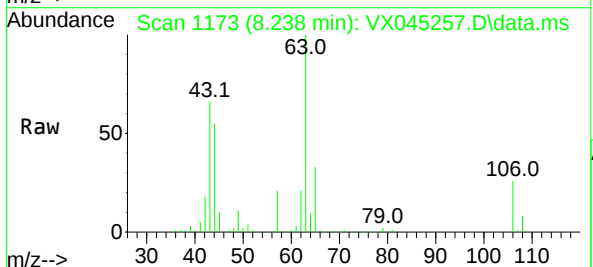
Acq: 13 Mar 2025 10:24

Tgt Ion: 63 Resp: 249068

Ion Ratio Lower Upper

63 100

106 26.1 21.5 32.3





#59

2-Hexanone

Concen: 280.952 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

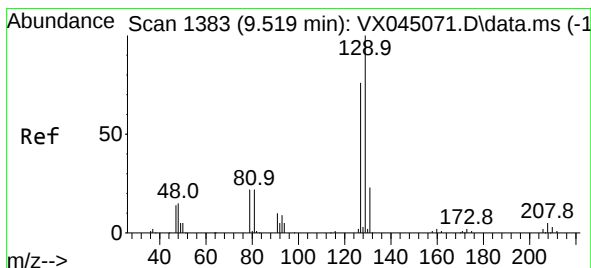
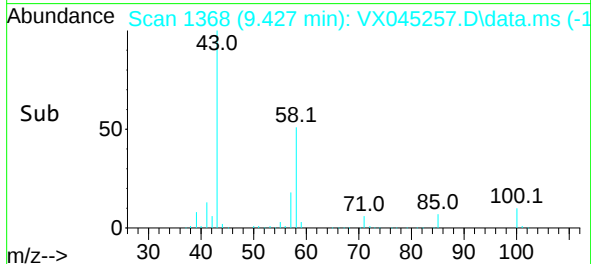
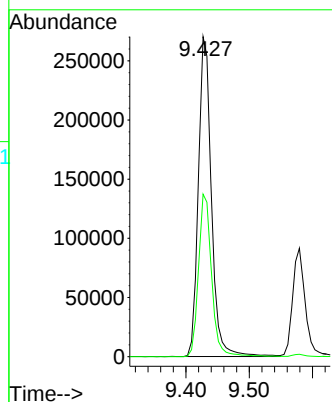
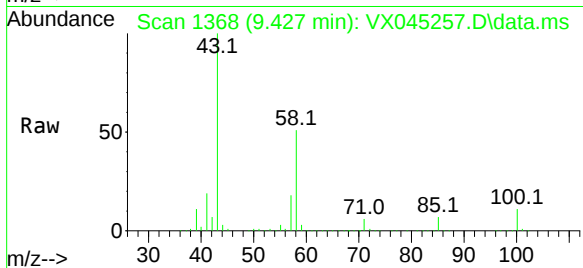
VSTDCCC050

Tgt Ion: 43 Resp: 389277

Ion Ratio Lower Upper

43 100

58 51.0 25.9 77.6



#60

Dibromochloromethane

Concen: 53.523 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045257.D

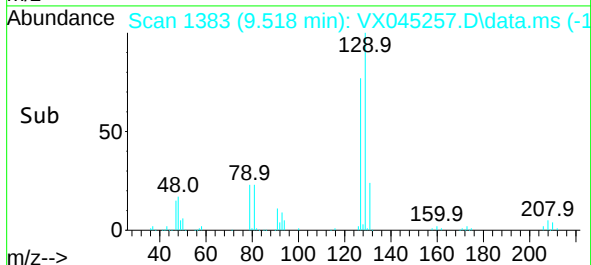
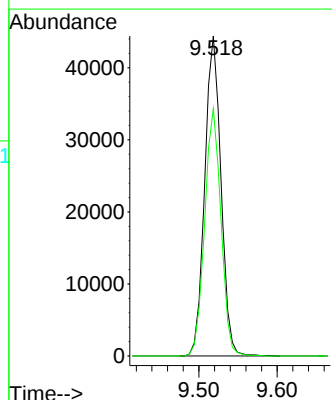
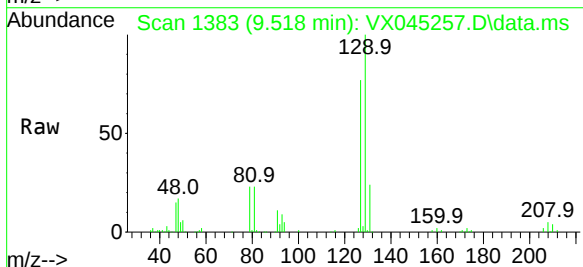
Acq: 13 Mar 2025 10:24

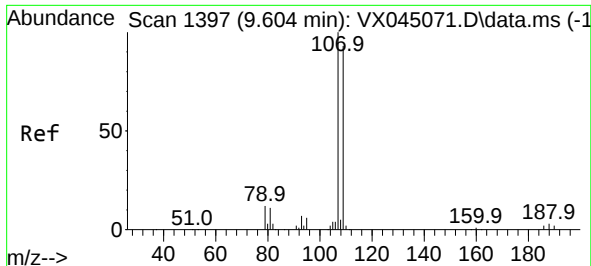
Tgt Ion: 129 Resp: 63802

Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.5

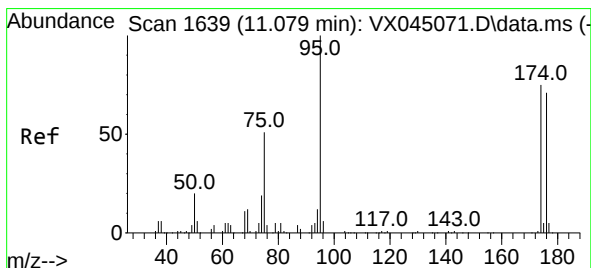
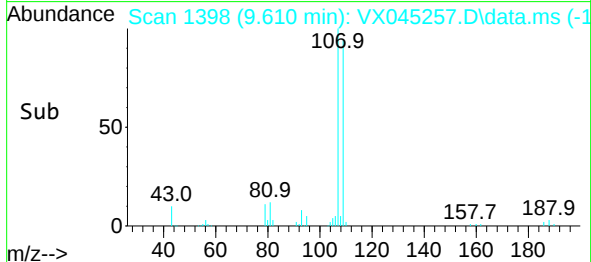
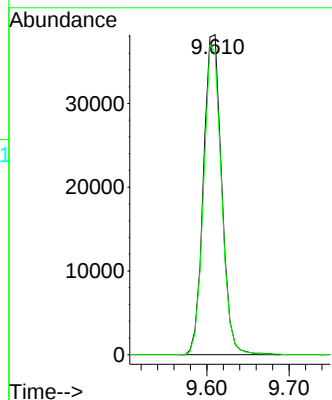
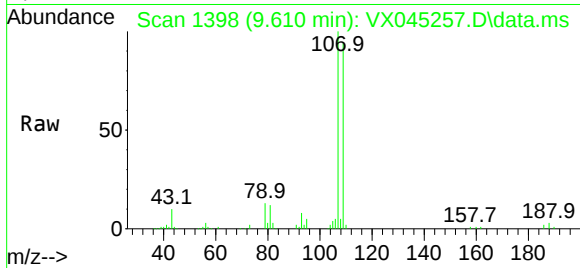




#61
1,2-Dibromoethane
Concen: 51.655 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

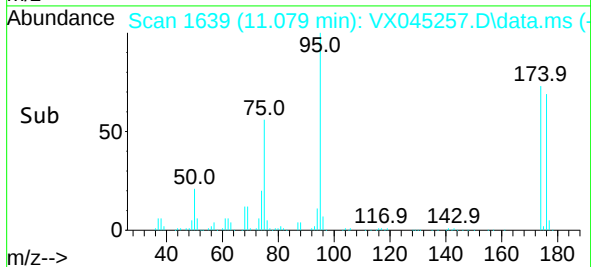
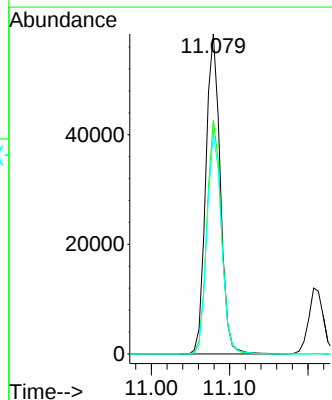
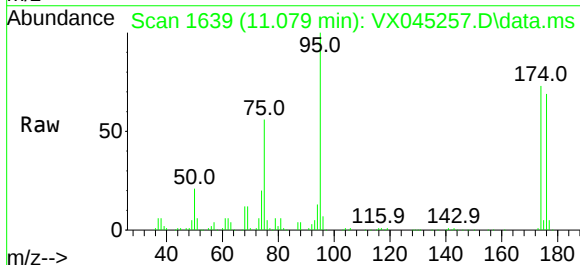
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

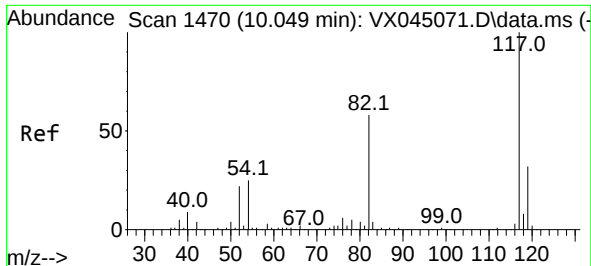
Tgt Ion:107 Resp: 58790
Ion Ratio Lower Upper
107 100
109 94.9 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 57.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 95 Resp: 74669
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.2
176 69.6 0.0 141.4

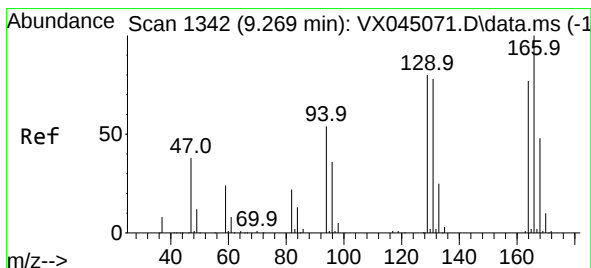
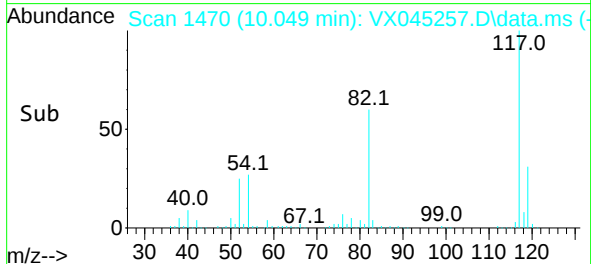
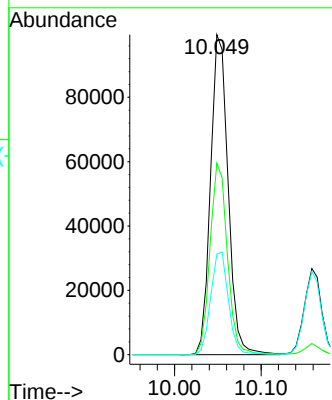
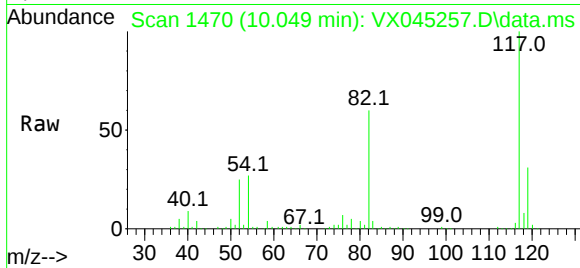




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

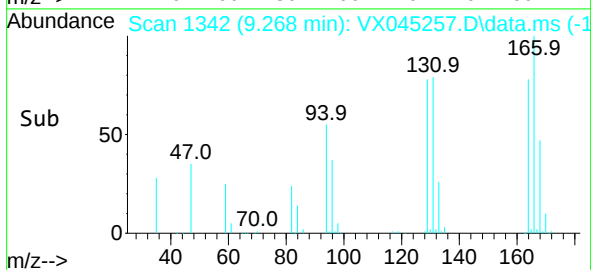
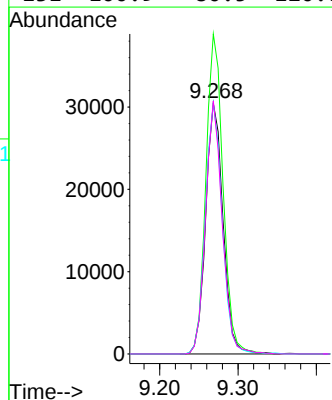
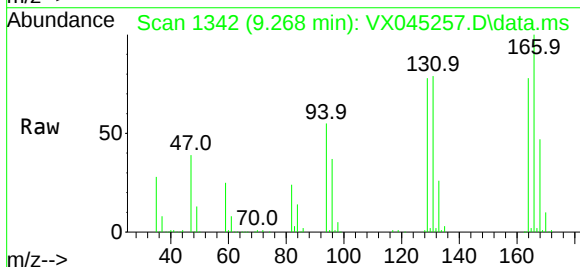
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

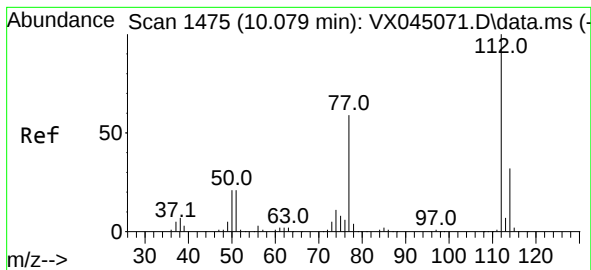
Tgt Ion:117 Resp: 140183
Ion Ratio Lower Upper
117 100
82 59.8 46.3 69.5
119 31.4 25.7 38.5



#64
Tetrachloroethene
Concen: 52.106 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion:164 Resp: 46782
Ion Ratio Lower Upper
164 100
166 127.6 103.6 155.4
129 100.1 82.7 124.1
131 100.9 80.5 120.7

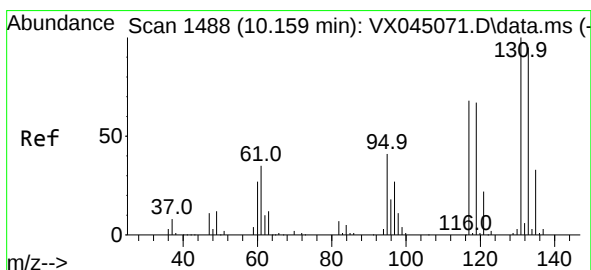
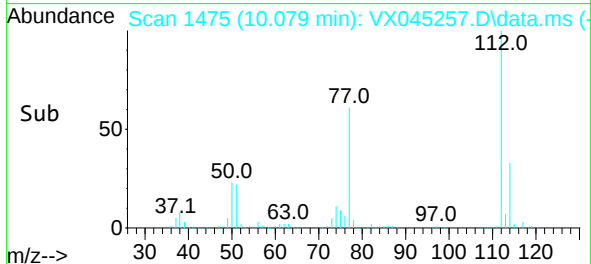
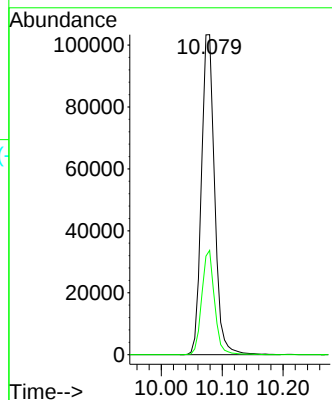
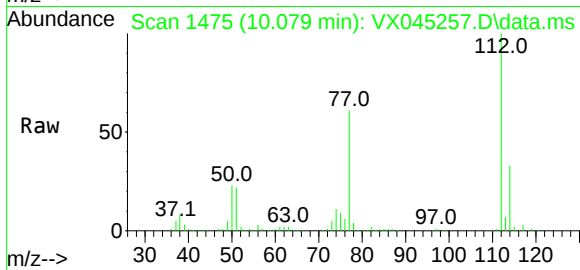




#65
Chlorobenzene
Concen: 52.401 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

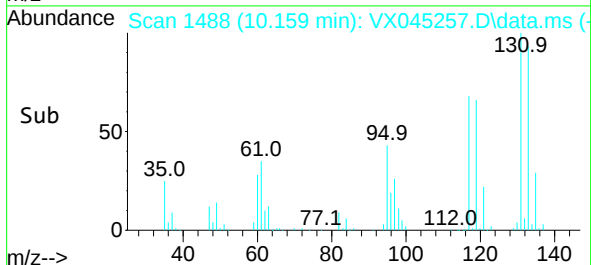
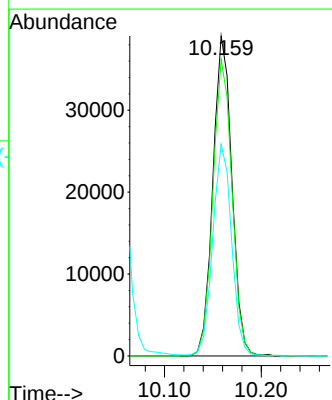
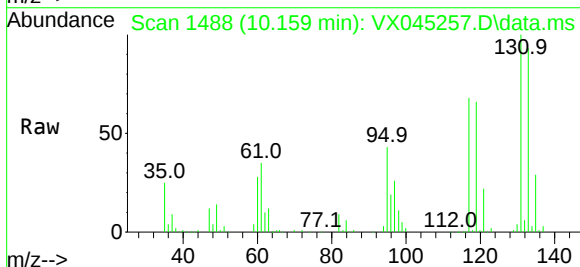
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

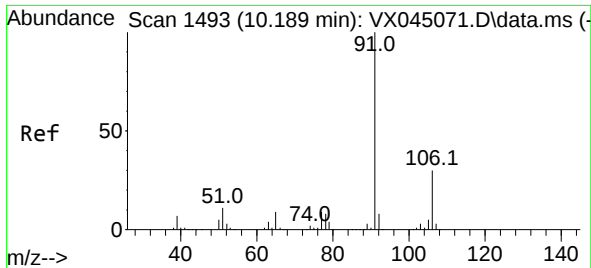
Tgt Ion:112 Resp: 155435
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.887 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion:131 Resp: 53231
Ion Ratio Lower Upper
131 100
133 93.2 48.6 145.9
119 66.1 33.9 101.7





#67

Ethyl Benzene

Concen: 53.287 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

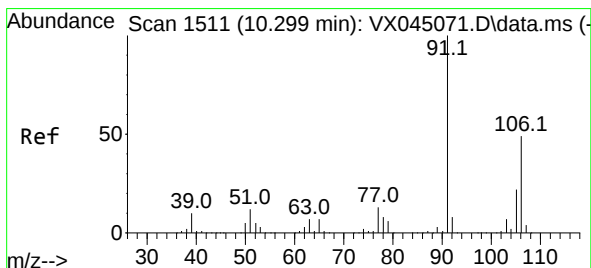
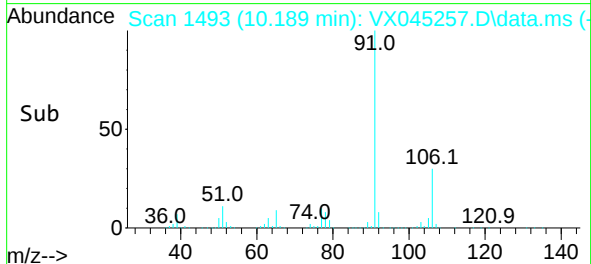
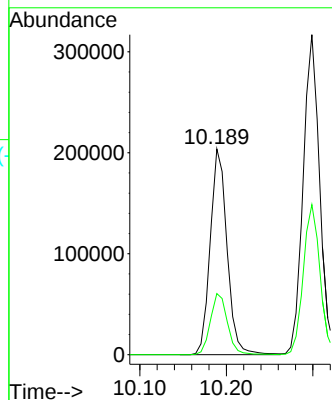
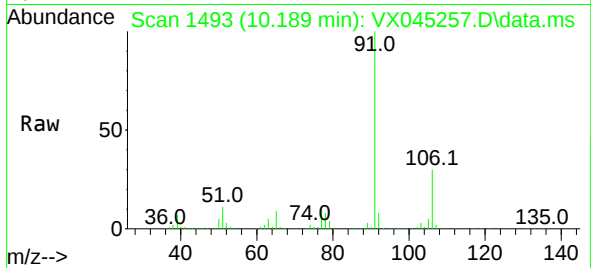
VSTDCCC050

Tgt Ion: 91 Resp: 275416

Ion Ratio Lower Upper

91 100

106 29.7 23.9 35.9



#68

m/p-Xylenes

Concen: 107.038 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045257.D

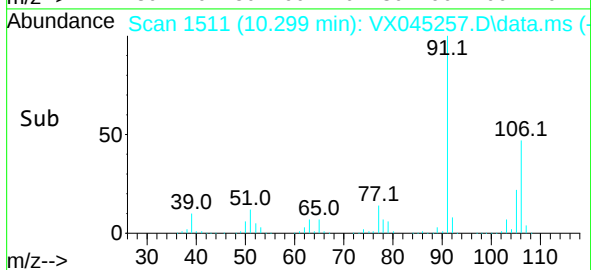
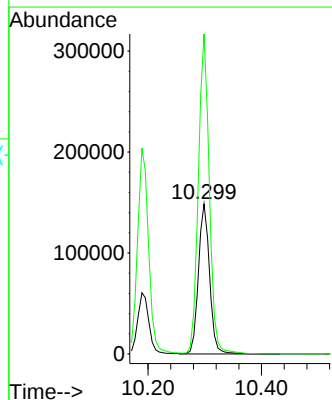
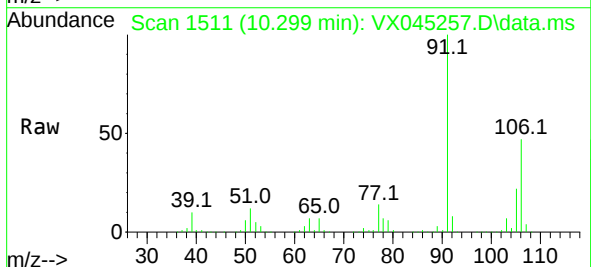
Acq: 13 Mar 2025 10:24

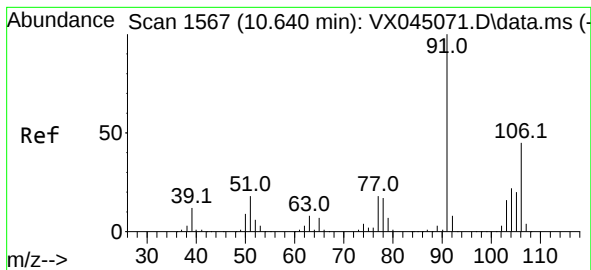
Tgt Ion:106 Resp: 202522

Ion Ratio Lower Upper

106 100

91 209.8 165.4 248.0





#69

o-Xylene

Concen: 52.192 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

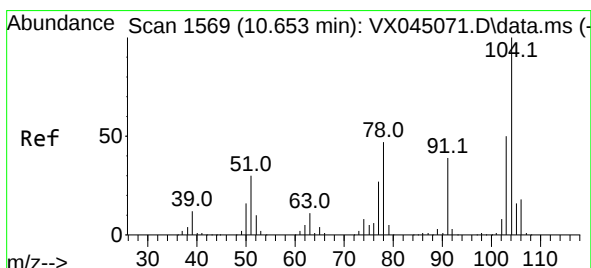
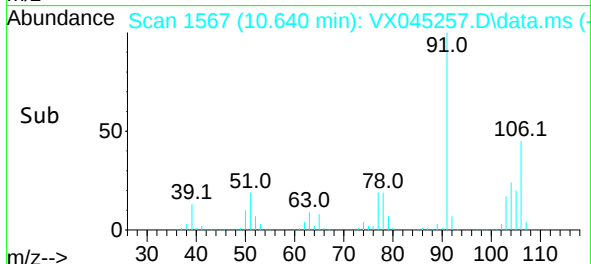
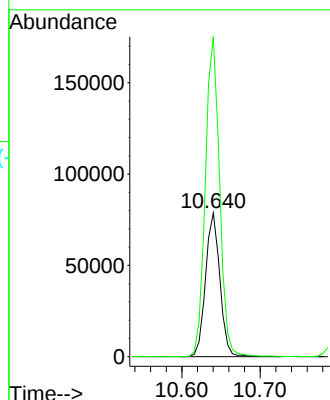
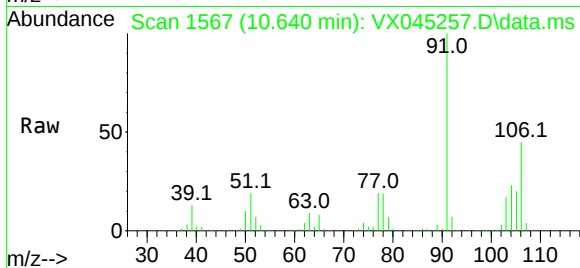
VSTDCCC050

Tgt Ion:106 Resp: 99595

Ion Ratio Lower Upper

106 100

91 222.4 109.9 329.6



#70

Styrene

Concen: 55.336 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

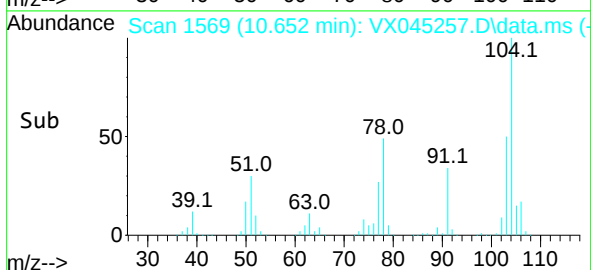
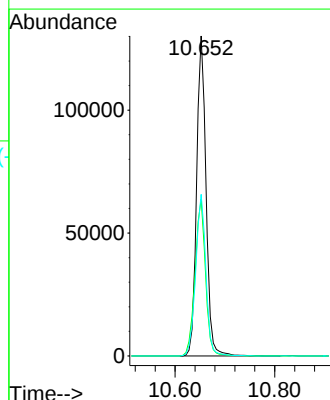
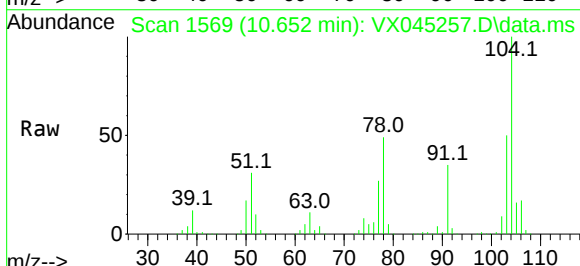
Tgt Ion:104 Resp: 170860

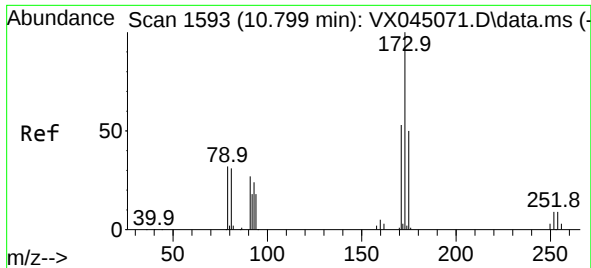
Ion Ratio Lower Upper

104 100

78 54.4 42.2 63.4

103 54.8 43.8 65.8

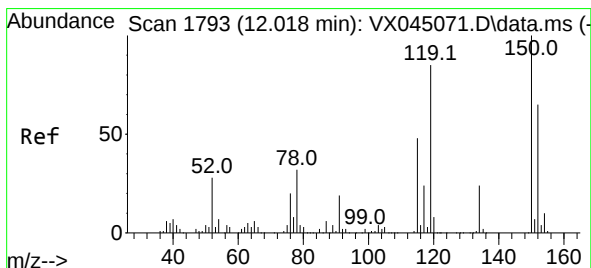
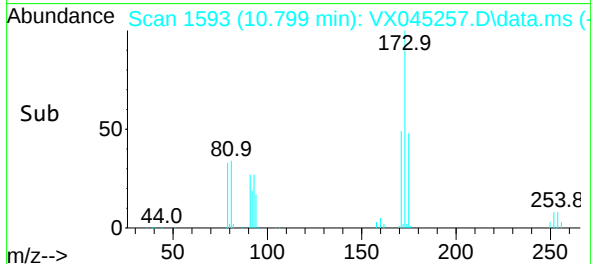
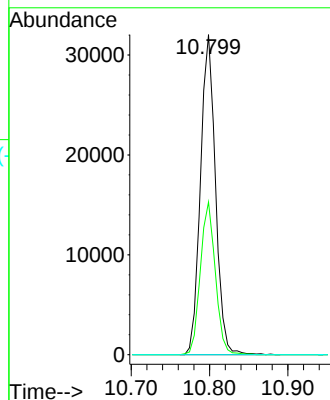
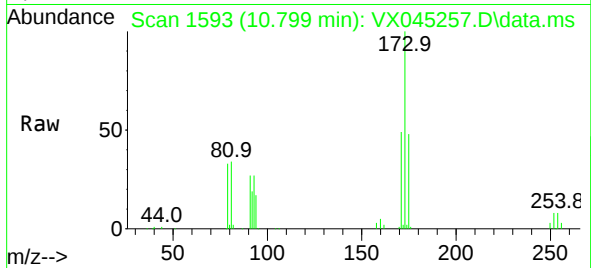




#71
Bromoform
Concen: 57.300 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

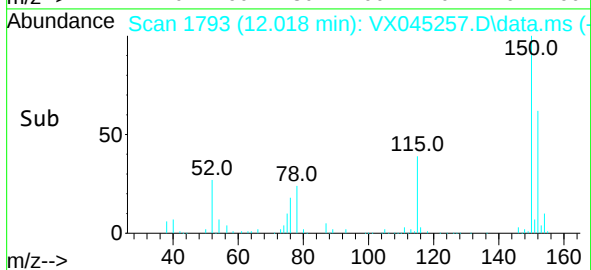
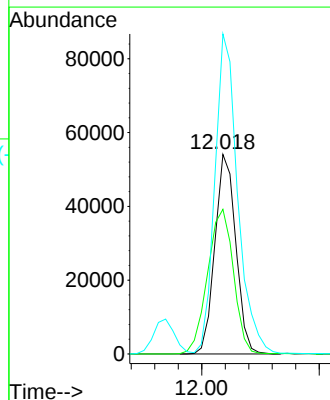
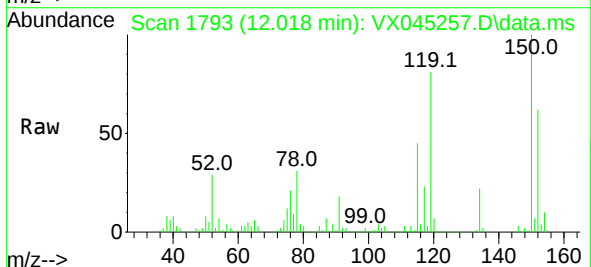
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

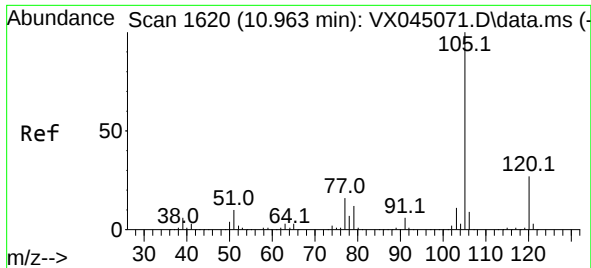
Tgt Ion:173 Resp: 42683
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion:152 Resp: 66961
Ion Ratio Lower Upper
152 100
115 89.6 44.2 132.6
150 175.6 0.0 349.0

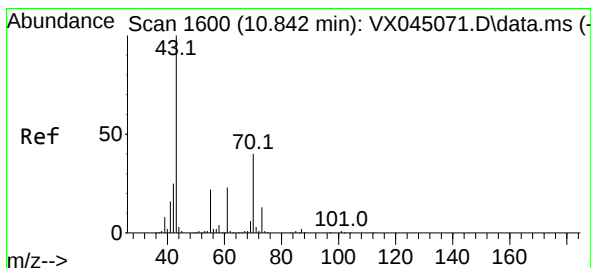
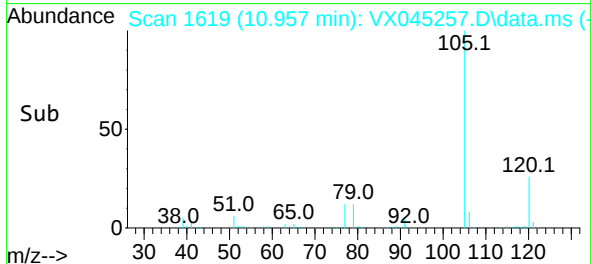
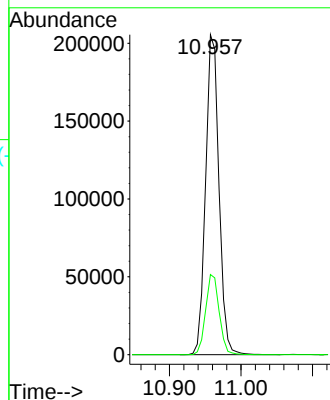
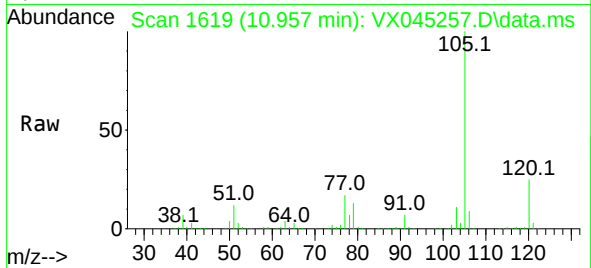




#73
Isopropylbenzene
Concen: 51.016 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

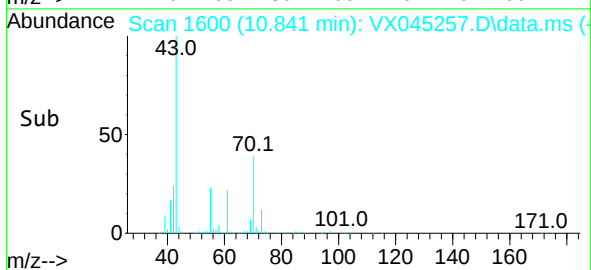
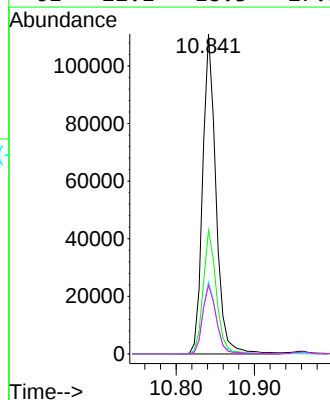
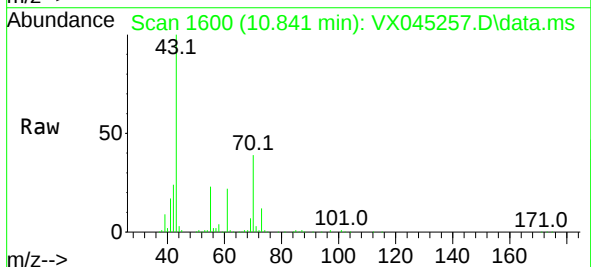
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

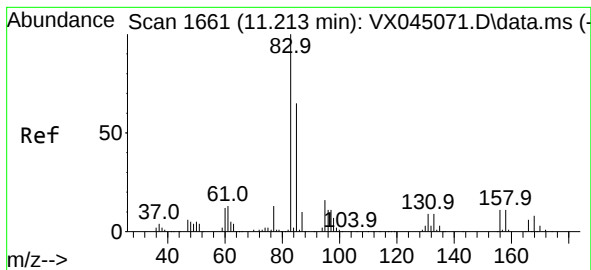
Tgt Ion:105 Resp: 266634
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5



#74
N-ethyl acetate
Concen: 53.493 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 43 Resp: 131189
Ion Ratio Lower Upper
43 100
70 38.5 31.8 47.6
55 23.2 18.3 27.5
61 22.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.457 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

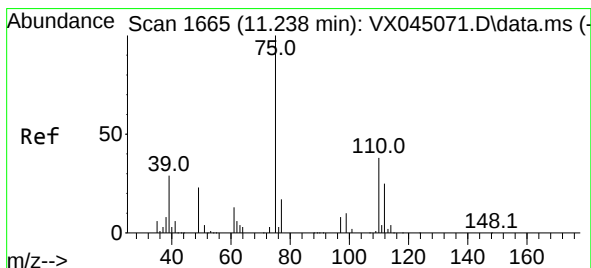
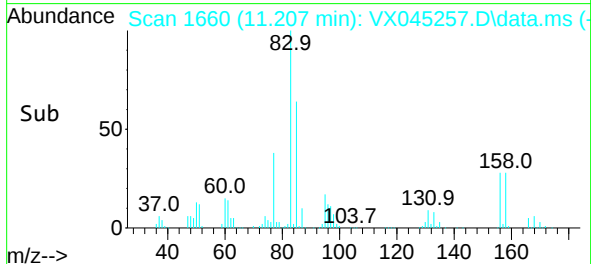
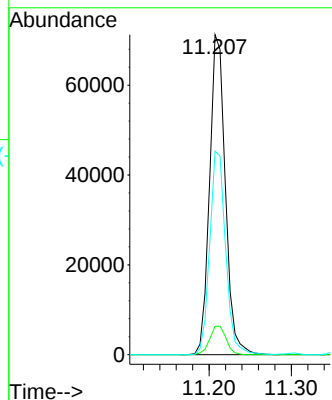
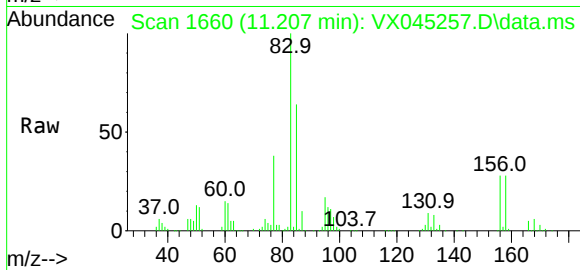
Tgt Ion: 83 Resp: 94855

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.4

85 64.3 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 63.334 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX045257.D

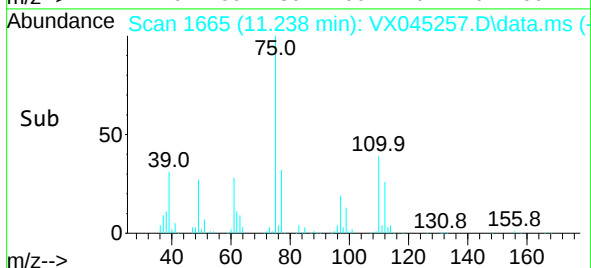
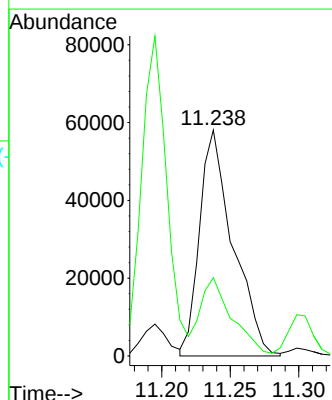
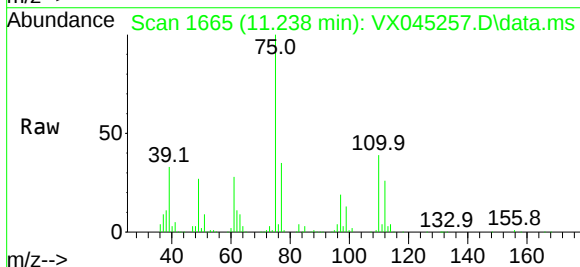
Acq: 13 Mar 2025 10:24

Tgt Ion: 75 Resp: 98708

Ion Ratio Lower Upper

75 100

77 33.3 20.7 62.1





#77

Bromobenzene

Concen: 50.148 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

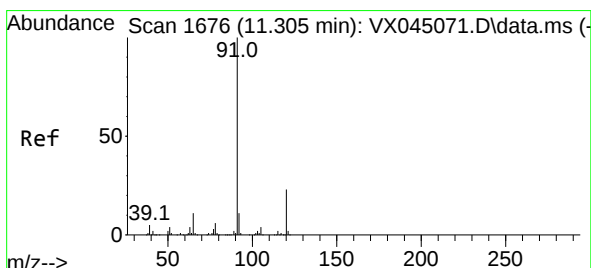
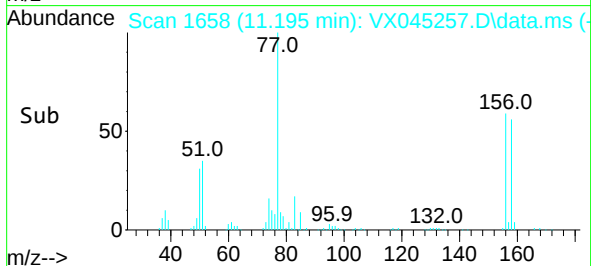
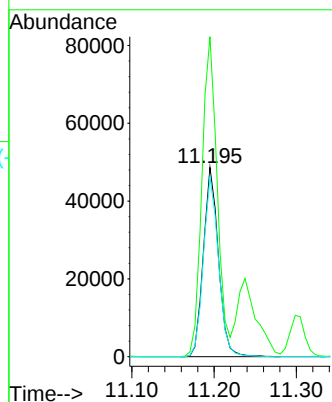
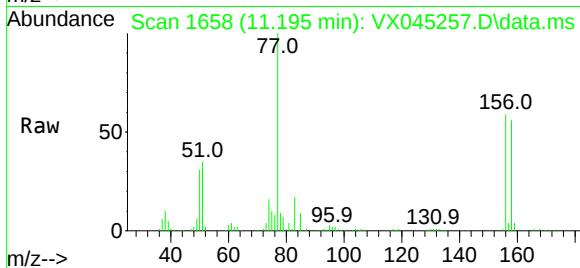
Tgt Ion:156 Resp: 61840

Ion Ratio Lower Upper

156 100

77 171.4 85.8 257.4

158 95.7 48.4 145.2



#78

n-propylbenzene

Concen: 52.876 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX045257.D

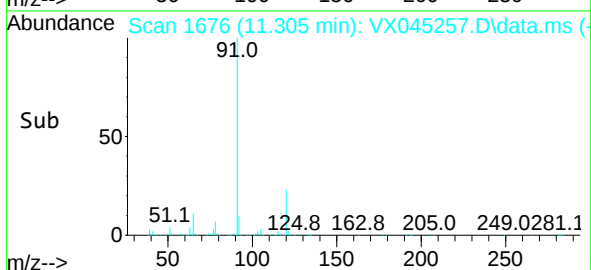
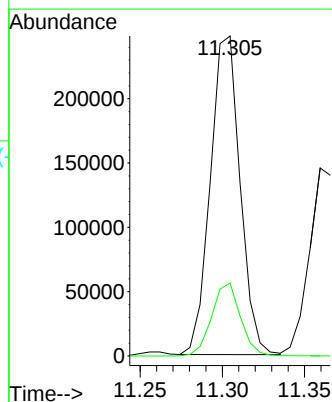
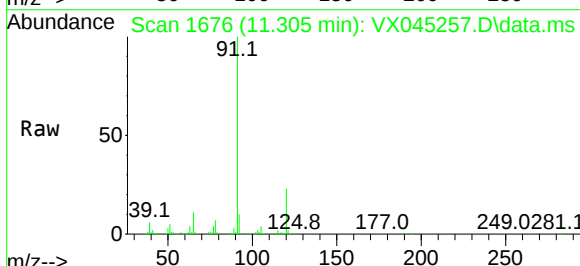
Acq: 13 Mar 2025 10:24

Tgt Ion: 91 Resp: 312182

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.6





#79

2-Chlorotoluene

Concen: 49.681 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

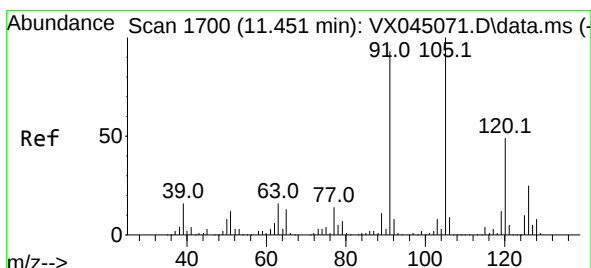
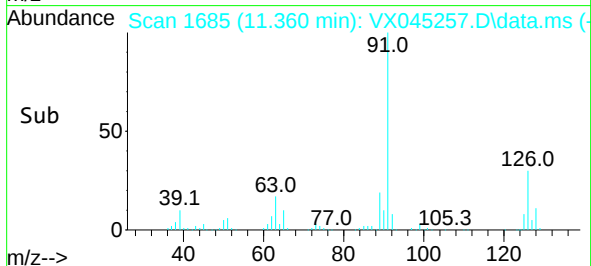
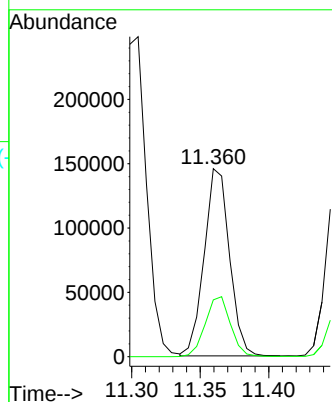
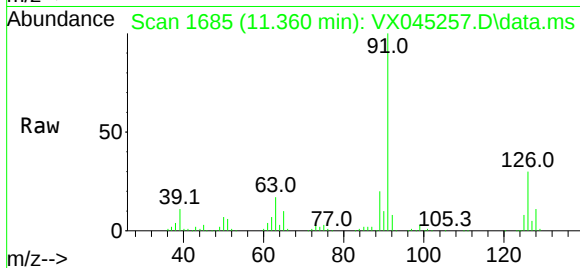
VSTDCCC050

Tgt Ion: 91 Resp: 186805

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 52.068 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045257.D

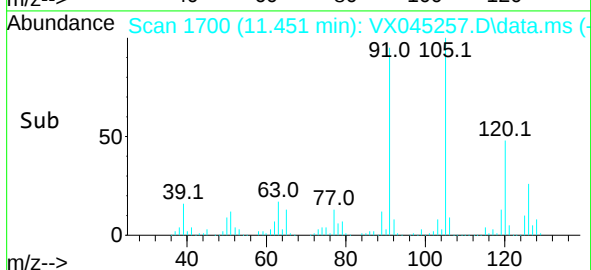
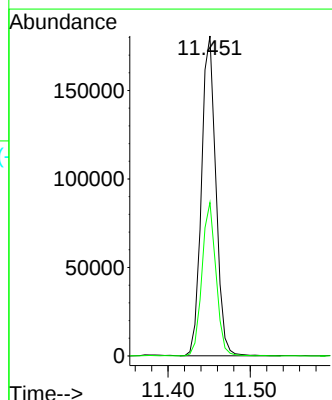
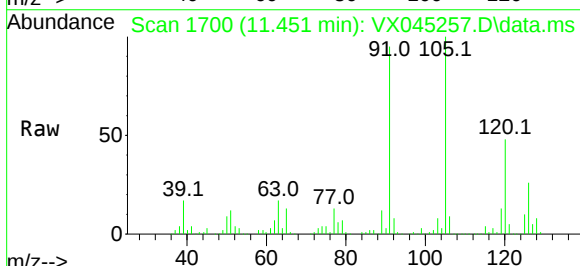
Acq: 13 Mar 2025 10:24

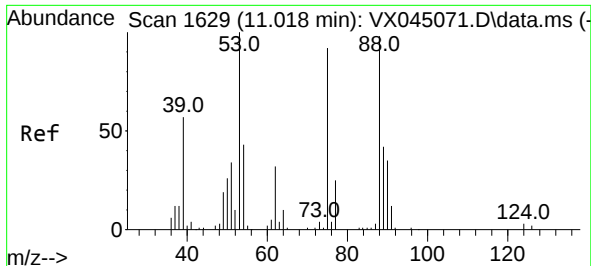
Tgt Ion: 105 Resp: 220041

Ion Ratio Lower Upper

105 100

120 46.5 24.1 72.2

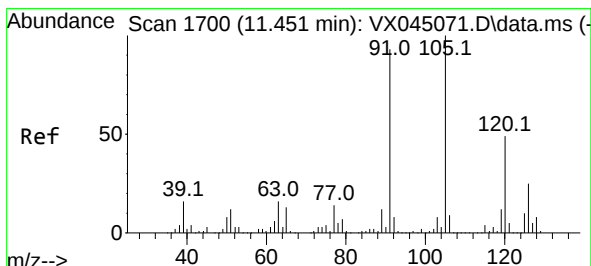
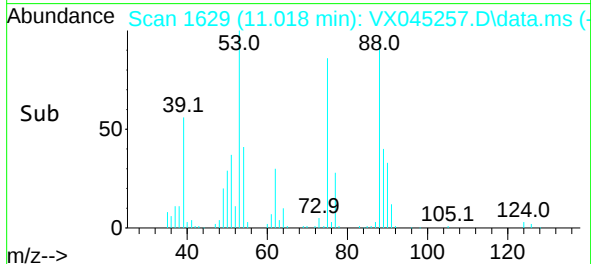
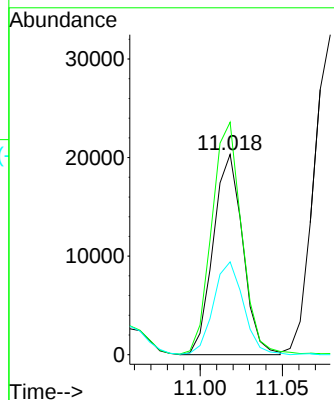
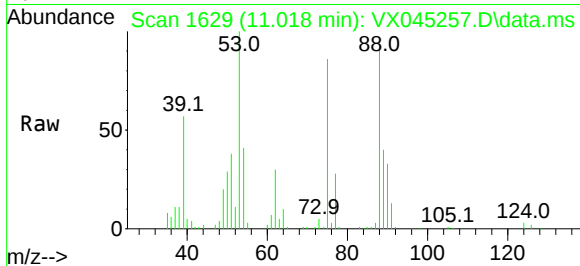




#81
trans-1,4-Dichloro-2-butene
Concen: 55.946 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

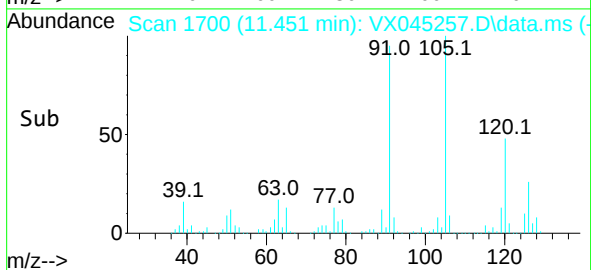
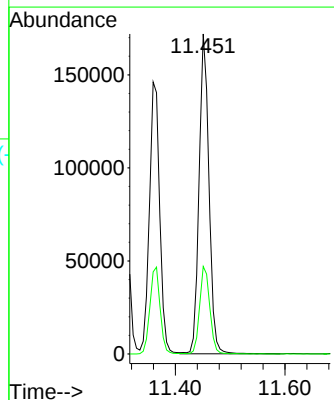
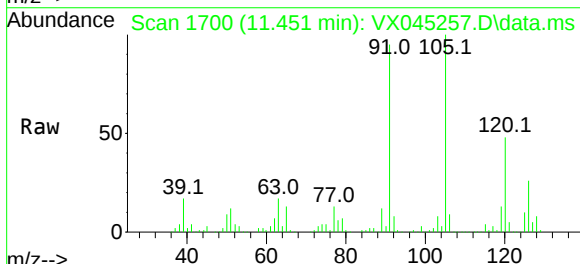
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

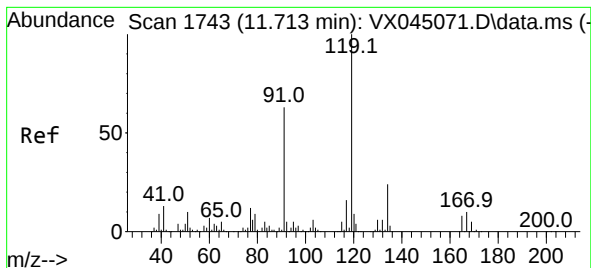
Tgt Ion:	75	Resp:	25479
Ion	Ratio	Lower	Upper
75	100		
53	118.3	88.5	132.7
89	46.2	36.2	54.4



#82
4-Chlorotoluene
Concen: 52.770 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion:	91	Resp:	216250
Ion	Ratio	Lower	Upper
91	100		
126	27.8	14.1	42.4

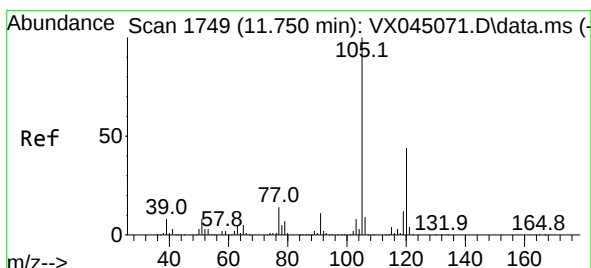
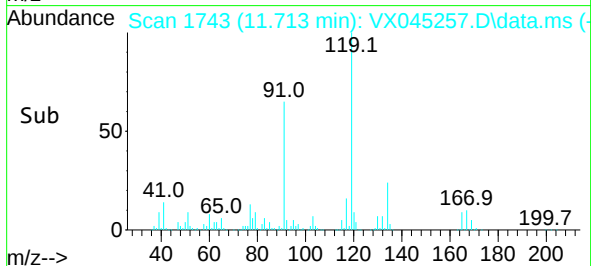
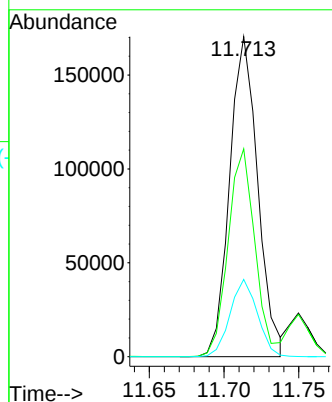
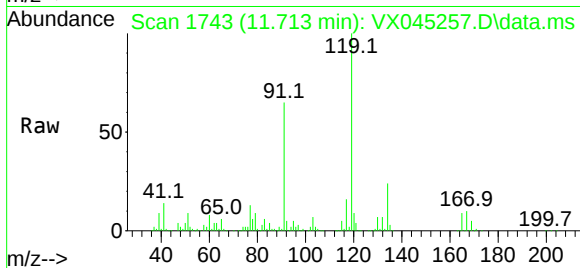




#83
 tert-Butylbenzene
 Concen: 51.318 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX045257.D
 Acq: 13 Mar 2025 10:24

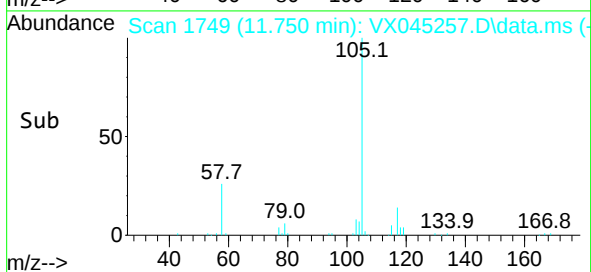
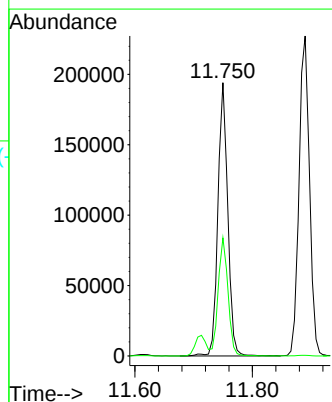
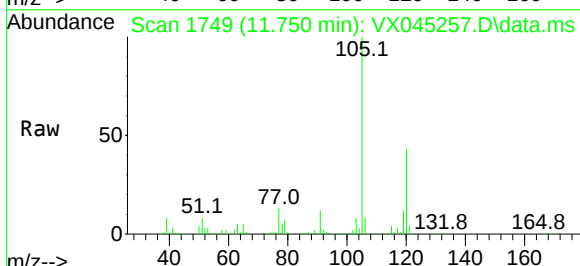
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

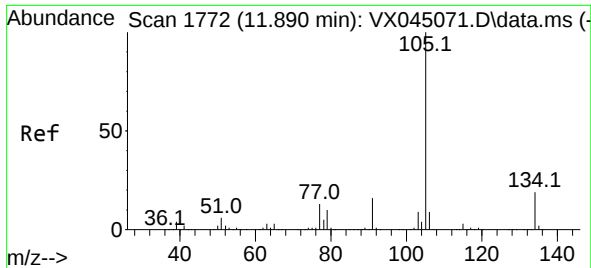
Tgt Ion:119 Resp: 222828
 Ion Ratio Lower Upper
 119 100
 91 62.3 30.7 92.1
 134 23.5 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.061 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX045257.D
 Acq: 13 Mar 2025 10:24

Tgt Ion:105 Resp: 225626
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.1 66.1

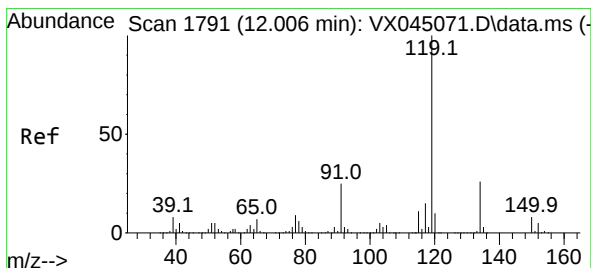
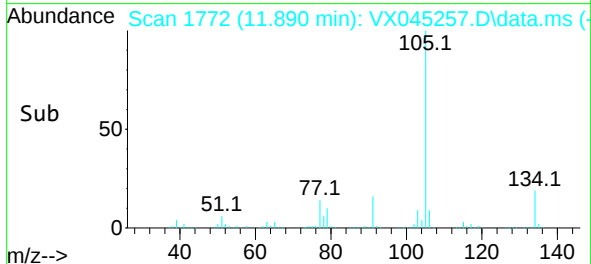
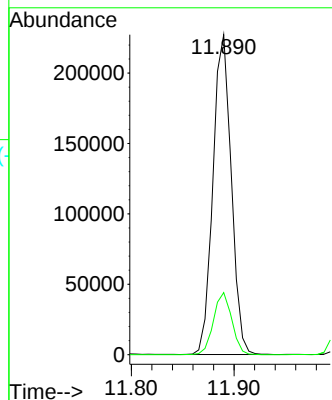
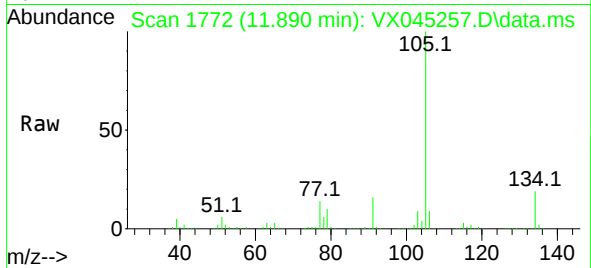




#85
sec-Butylbenzene
Concen: 53.936 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

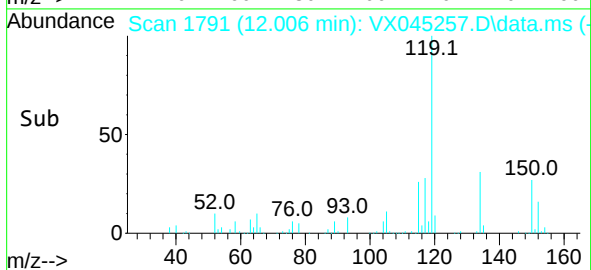
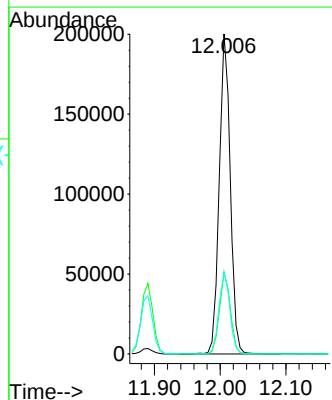
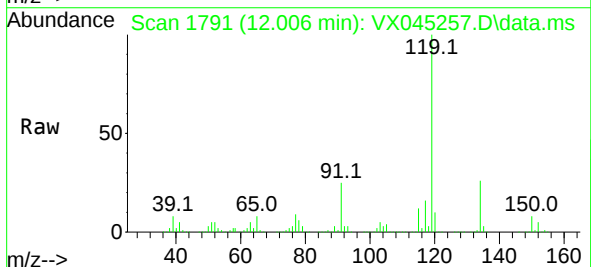
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

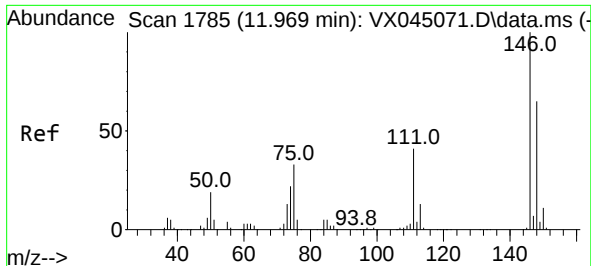
Tgt Ion:105 Resp: 280536
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.4



#86
p-Isopropyltoluene
Concen: 55.418 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion:119 Resp: 232945
Ion Ratio Lower Upper
119 100
134 25.3 12.9 38.6
91 25.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 51.352 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

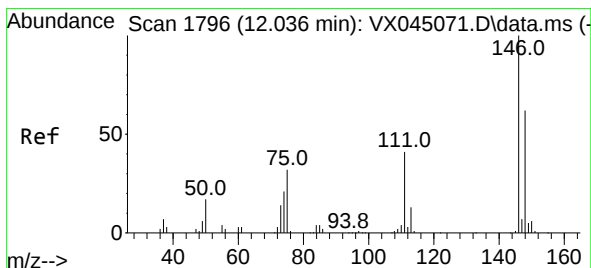
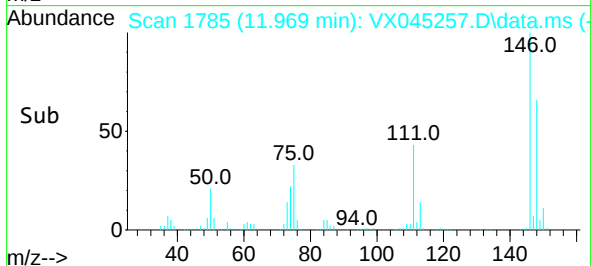
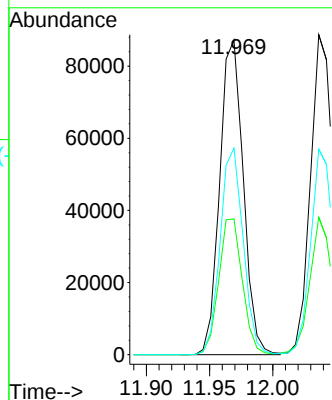
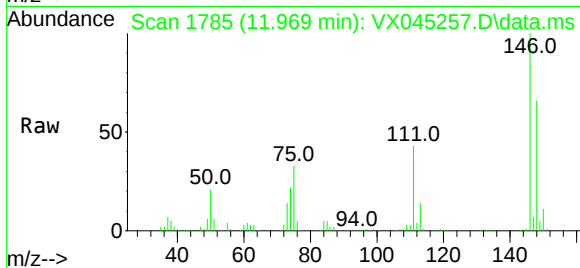
Tgt Ion:146 Resp: 112969

Ion Ratio Lower Upper

146 100

111 43.3 21.1 63.4

148 64.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.412 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

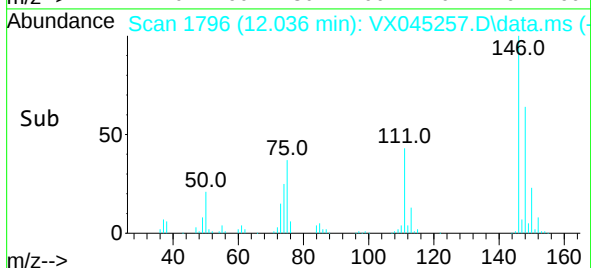
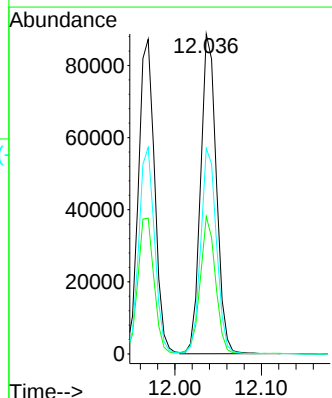
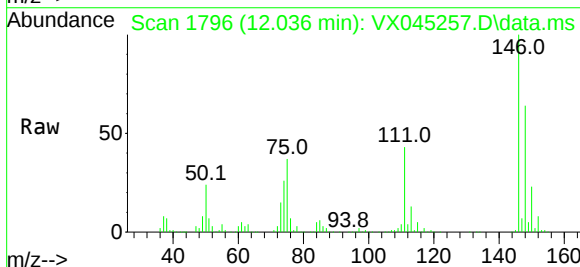
Tgt Ion:146 Resp: 112198

Ion Ratio Lower Upper

146 100

111 41.9 20.2 60.5

148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 58.806 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

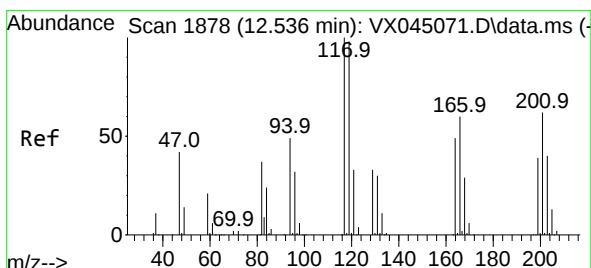
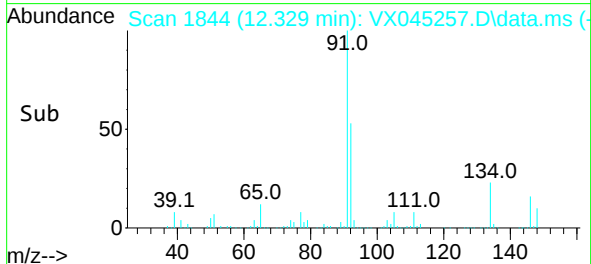
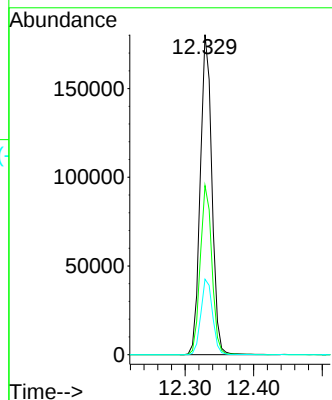
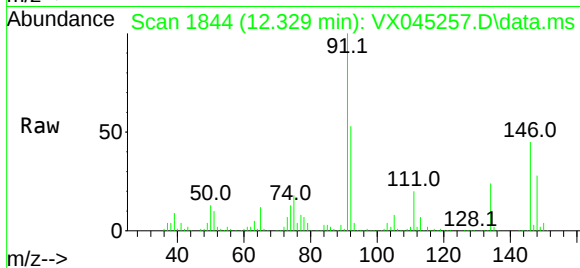
Tgt Ion: 91 Resp: 212893

Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.0

134 23.8 12.2 36.6



#90

Hexachloroethane

Concen: 52.134 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045257.D

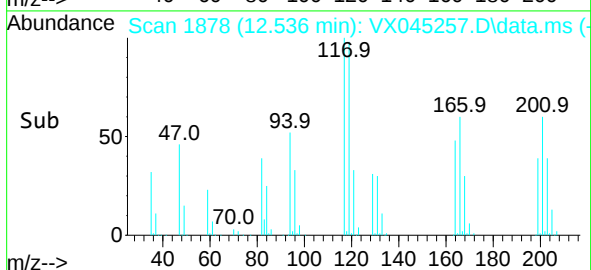
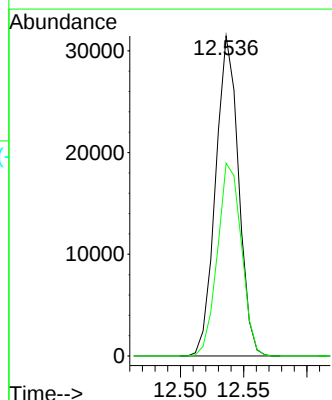
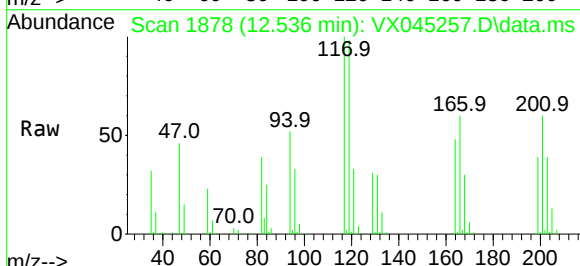
Acq: 13 Mar 2025 10:24

Tgt Ion: 117 Resp: 39637

Ion Ratio Lower Upper

117 100

201 63.0 31.9 95.9

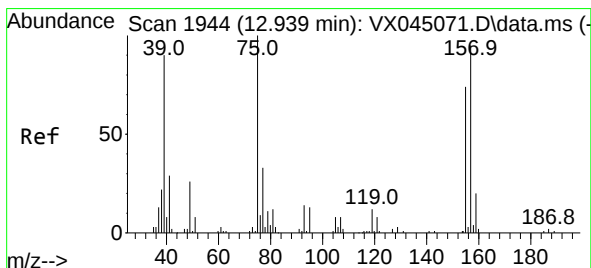
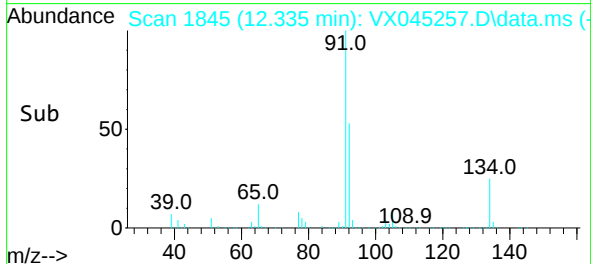
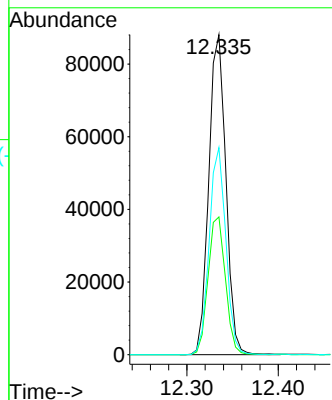
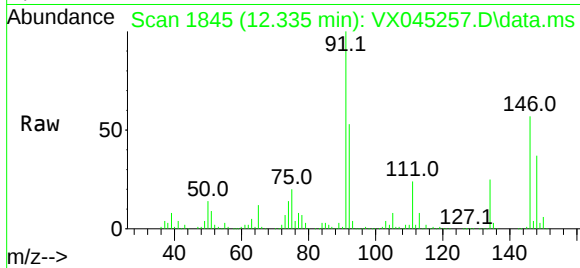




#91
1,2-Dichlorobenzene
Concen: 51.768 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

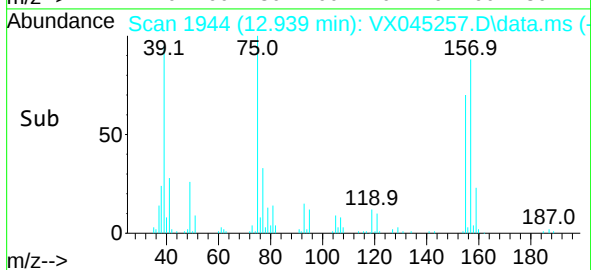
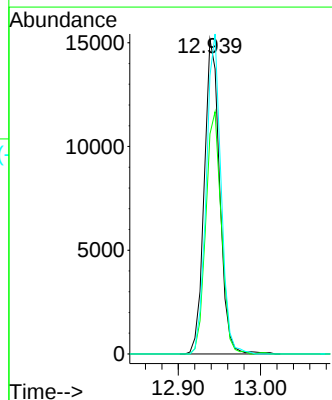
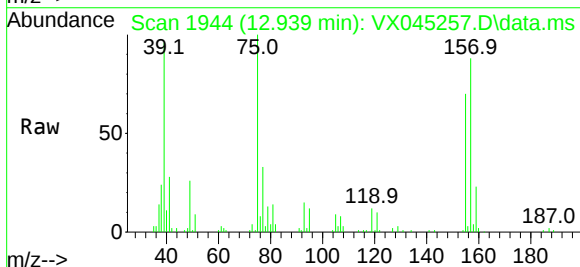
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

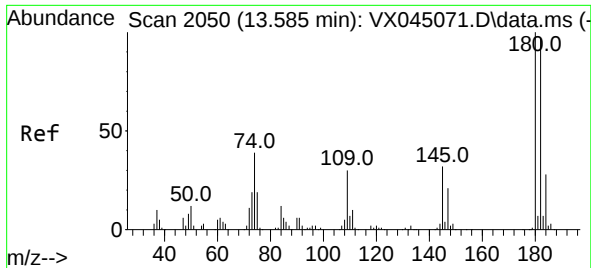
Tgt Ion:146 Resp: 114241
Ion Ratio Lower Upper
146 100
111 43.7 21.6 65.0
148 63.2 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.868 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045257.D
Acq: 13 Mar 2025 10:24

Tgt Ion: 75 Resp: 19754
Ion Ratio Lower Upper
75 100
155 77.3 39.6 118.7
157 97.1 51.1 153.4

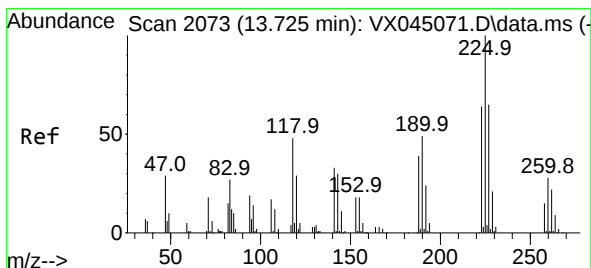
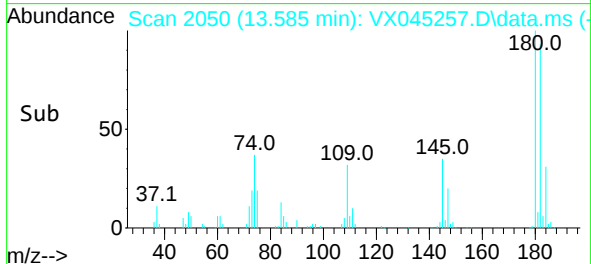
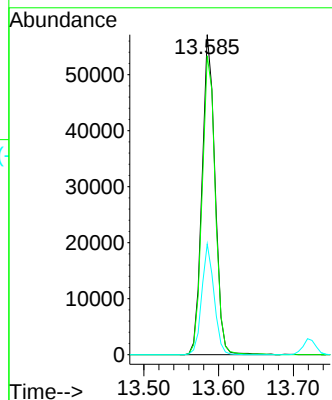
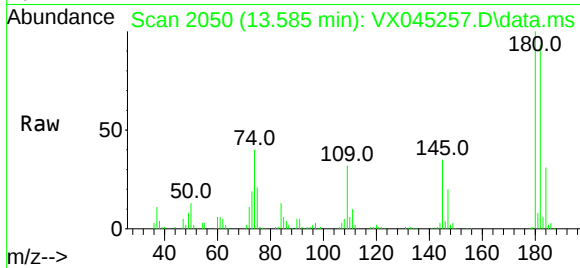




#93
 1,2,4-Trichlorobenzene
 Concen: 54.655 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX045257.D
 Acq: 13 Mar 2025 10:24

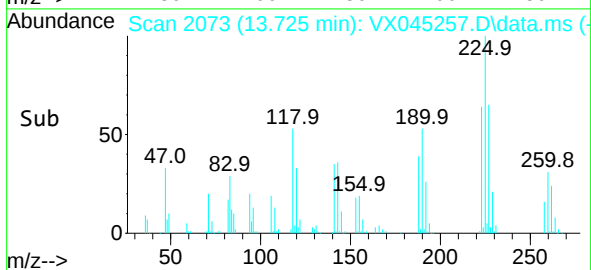
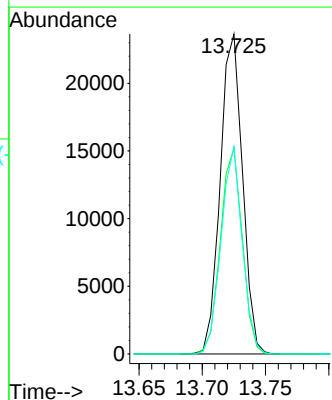
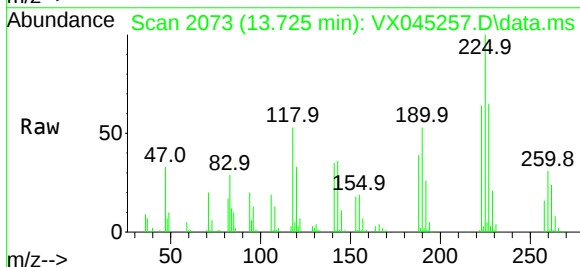
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

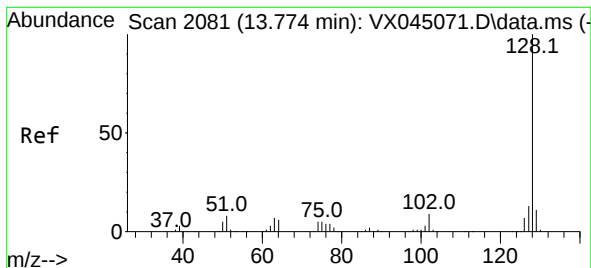
Tgt Ion:180 Resp: 68677
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 141.9
 145 32.8 16.3 48.9



#94
 Hexachlorobutadiene
 Concen: 56.075 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX045257.D
 Acq: 13 Mar 2025 10:24

Tgt Ion:225 Resp: 28888
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.7
 227 61.7 31.4 94.0





#95

Naphthalene

Concen: 53.019 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

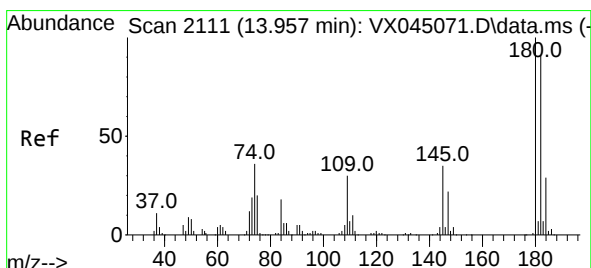
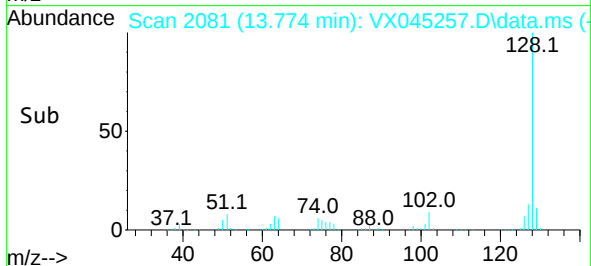
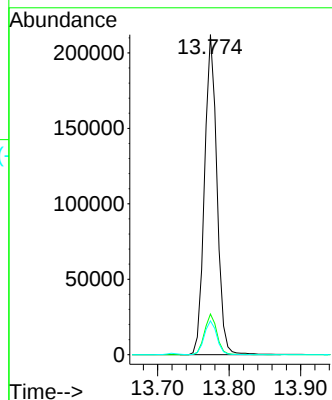
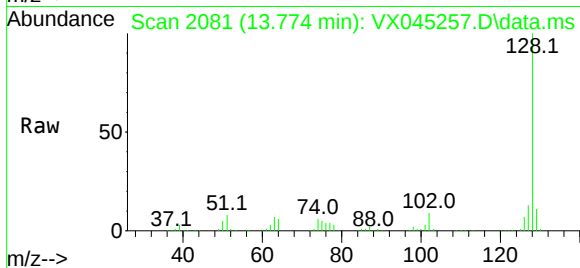
Tgt Ion:128 Resp: 255967

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.059 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045257.D

Acq: 13 Mar 2025 10:24

Tgt Ion:180 Resp: 71661

Ion Ratio Lower Upper

180 100

182 94.2 47.5 142.6

145 34.1 17.0 50.9

