

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046460.D
 Acq On : 03 Jun 2025 10:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 01:21:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	97221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	166757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83472	46.053	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.100%
35) Dibromofluoromethane	5.379	113	58765	48.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.641	98	191895	46.171	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.340%
62) 4-Bromofluorobenzene	11.079	95	76697	48.108	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	71992	48.381	ug/l	96
3) Chloromethane	1.301	50	71578	49.603	ug/l	100
4) Vinyl Chloride	1.374	62	65400	48.697	ug/l	100
5) Bromomethane	1.593	94	28400	45.593	ug/l	98
6) Chloroethane	1.666	64	36039	50.267	ug/l	99
7) Trichlorofluoromethane	1.874	101	99535	50.148	ug/l	100
8) Diethyl Ether	2.130	74	33963	50.265	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	62523	50.901	ug/l	99
10) Methyl Iodide	2.447	142	74693	51.391	ug/l	99
11) Tert butyl alcohol	2.971	59	60143	236.391	ug/l	100
12) 1,1-Dichloroethene	2.313	96	57843	50.176	ug/l	96
13) Acrolein	2.233	56	48798	168.416	ug/l	98
14) Allyl chloride	2.654	41	116985	53.097	ug/l	98
15) Acrylonitrile	3.056	53	186943	256.965	ug/l	99
16) Acetone	2.380	43	215550	296.602	ug/l	99
17) Carbon Disulfide	2.502	76	123668	45.249	ug/l	99
18) Methyl Acetate	2.703	43	106195	62.971	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	212708	52.629	ug/l	100
20) Methylene Chloride	2.782	84	67564	48.515	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	58500	50.461	ug/l	99
22) Diisopropyl ether	3.758	45	227076	53.357	ug/l	94
23) Vinyl Acetate	3.715	43	941542	251.538	ug/l	99
24) 1,1-Dichloroethane	3.599	63	123119	51.940	ug/l	99
25) 2-Butanone	4.550	43	278637	264.096	ug/l	99
26) 2,2-Dichloropropane	4.465	77	96338	51.925	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	72243	51.764	ug/l	99
28) Bromochloromethane	4.885	49	54439	47.712	ug/l	99
29) Tetrahydrofuran	4.995	42	166146	251.308	ug/l	100
30) Chloroform	5.080	83	126054	51.020	ug/l	95
31) Cyclohexane	5.458	56	106868	49.475	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	109132	50.955	ug/l	99
36) 1,1-Dichloropropene	5.678	75	81293	50.385	ug/l	98
37) Ethyl Acetate	4.709	43	98903	49.615	ug/l	100
38) Carbon Tetrachloride	5.666	117	91791	50.634	ug/l	99
39) Methylcyclohexane	7.373	83	106672	51.355	ug/l	98
40) Benzene	6.025	78	244281	51.690	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	58928	56.511	ug/l	99
42) 1,2-Dichloroethane	6.080	62	105576	51.762	ug/l	100
43) Isopropyl Acetate	6.330	43	160957	52.928	ug/l	100
44) Trichloroethene	7.117	130	58531	51.459	ug/l	94
45) 1,2-Dichloropropane	7.422	63	63306	53.872	ug/l	98
46) Dibromomethane	7.574	93	47187	50.912	ug/l	99
47) Bromodichloromethane	7.812	83	97879	53.619	ug/l	97
48) Methyl methacrylate	7.690	41	83841	53.984	ug/l	99
49) 1,4-Dioxane	7.653	88	27329	926.756	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	526838	260.992	ug/l	99
52) Toluene	8.714	92	149333	51.533	ug/l	98
53) t-1,3-Dichloropropene	8.970	75	87793	54.108	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	97218	54.211	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	59472	52.048	ug/l	98
56) Ethyl methacrylate	9.110	69	99973	54.897	ug/l	98
57) 1,3-Dichloropropane	9.305	76	106135	51.721	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	241312	259.915	ug/l	99
59) 2-Hexanone	9.427	43	398970	267.150	ug/l	100
60) Dibromochloromethane	9.519	129	67274	53.611	ug/l	100
61) 1,2-Dibromoethane	9.604	107	61399	51.700	ug/l	98
64) Tetrachloroethene	9.269	164	53715	53.421	ug/l	97
65) Chlorobenzene	10.073	112	160933	51.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57122	53.780	ug/l	99
67) Ethyl Benzene	10.189	91	297648	54.286	ug/l	100
68) m/p-Xylenes	10.299	106	214306	106.866	ug/l	99
69) o-Xylene	10.640	106	106129	54.285	ug/l	97
70) Styrene	10.653	104	178562	55.756	ug/l	99
71) Bromoform	10.799	173	42440	53.221	ug/l #	97
73) Isopropylbenzene	10.957	105	284040	52.417	ug/l	99
74) N-amyl acetate	10.842	43	141380	52.800	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	92189	48.548	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	104375	62.299	ug/l	85
77) Bromobenzene	11.195	156	63843	50.748	ug/l	99
78) n-propylbenzene	11.299	91	332789	52.818	ug/l	100
79) 2-Chlorotoluene	11.360	91	201843	49.667	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	238098	52.595	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	26522	51.539	ug/l	99
82) 4-Chlorotoluene	11.451	91	234790	52.097	ug/l	100
83) tert-Butylbenzene	11.713	119	235173	51.573	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	240382	52.434	ug/l	100
85) sec-Butylbenzene	11.884	105	298046	53.233	ug/l	100
86) p-Isopropyltoluene	12.006	119	249289	53.941	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	118632	51.669	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	118528	50.549	ug/l	99
89) n-Butylbenzene	12.329	91	227595	56.143	ug/l	99
90) Hexachloroethane	12.536	117	42405	52.082	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	116846	50.715	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21419	50.916	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	70545	53.309	ug/l	100
94) Hexachlorobutadiene	13.719	225	31033	53.695	ug/l	99
95) Naphthalene	13.774	128	248647	51.231	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	71443	52.322	ug/l	100

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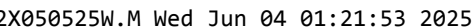
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

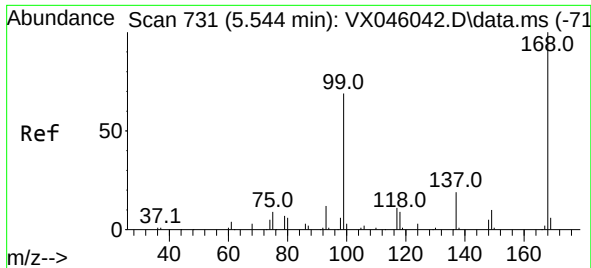
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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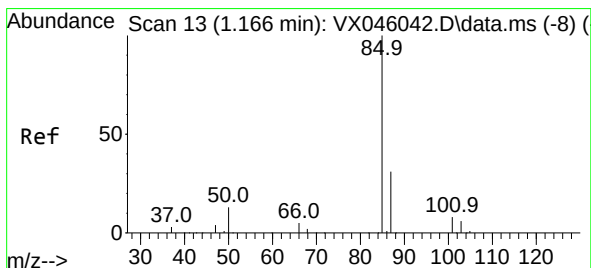
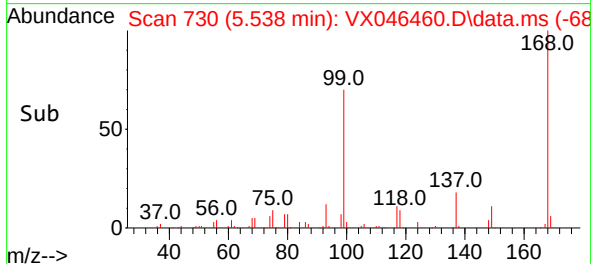
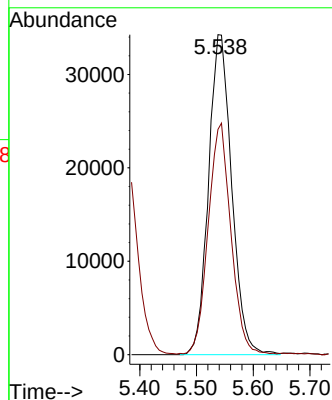
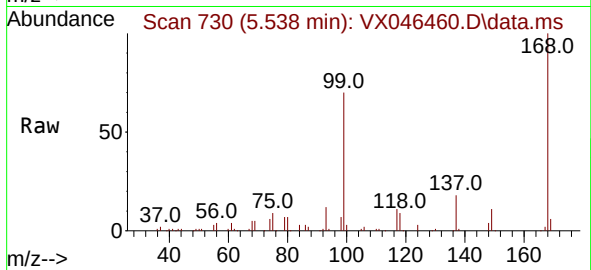




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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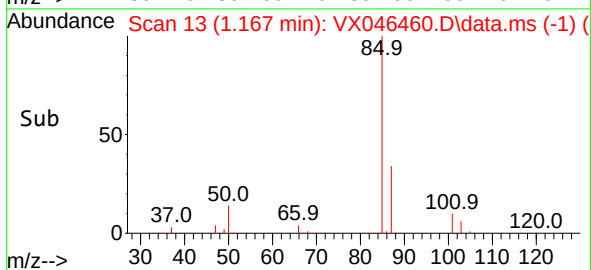
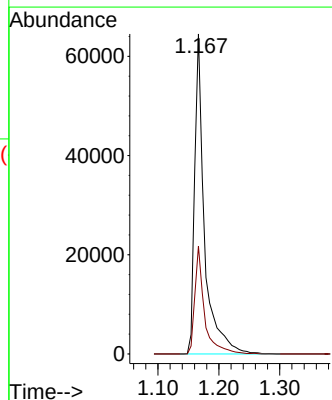
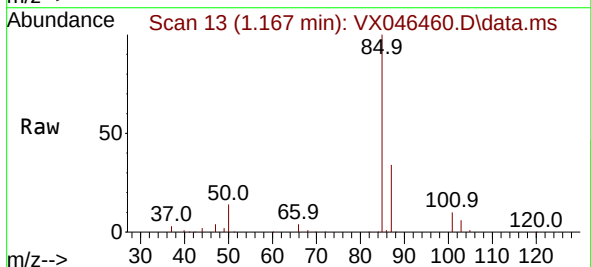
Instrument :
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VSTDCCC050

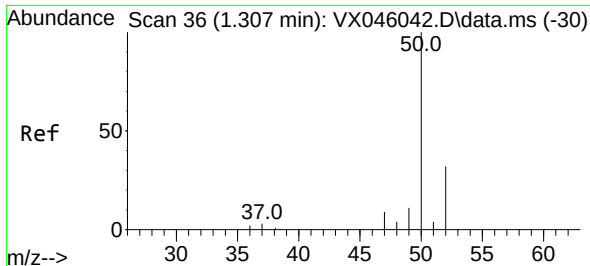
Tgt Ion:168 Resp: 97221
Ion Ratio Lower Upper
168 100
99 70.0 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 48.381 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 85 Resp: 71992
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.1

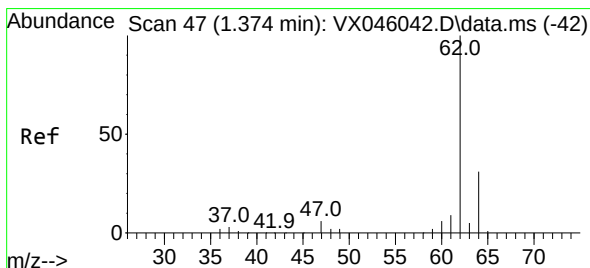
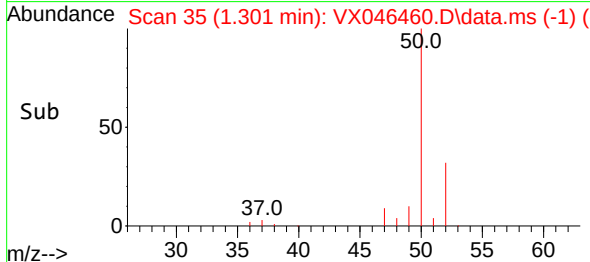
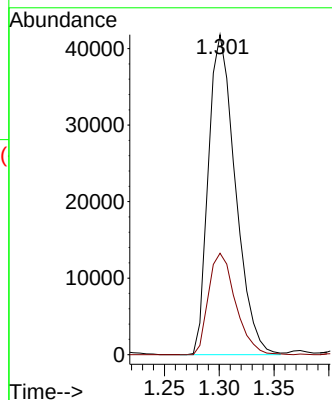
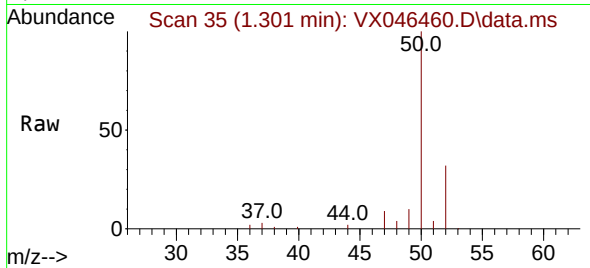




#3
Chloromethane
Concen: 49.603 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

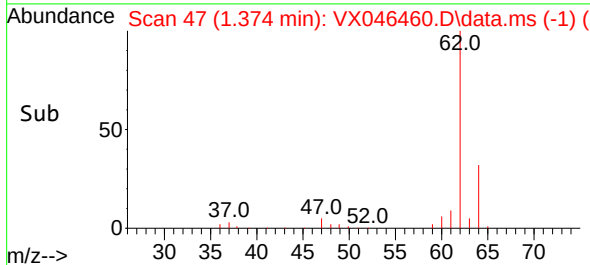
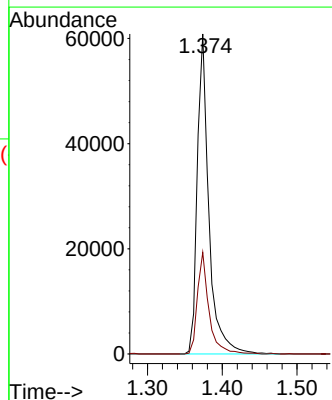
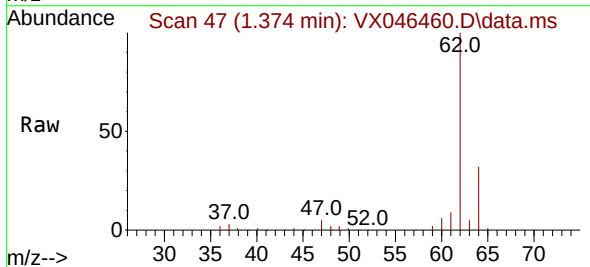
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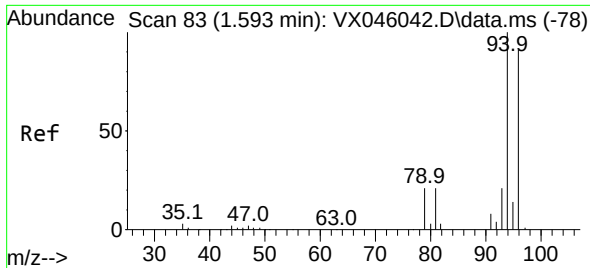
Tgt Ion: 50 Resp: 71578
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2



#4
Vinyl Chloride
Concen: 48.697 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 62 Resp: 65400
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8

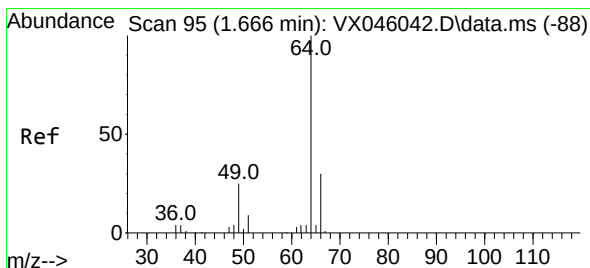
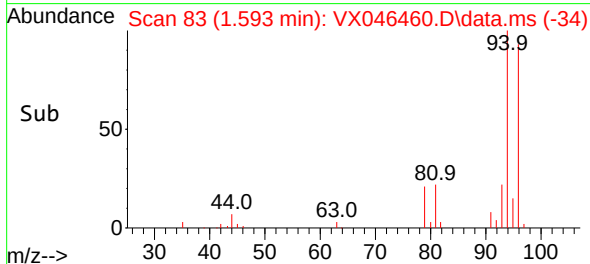
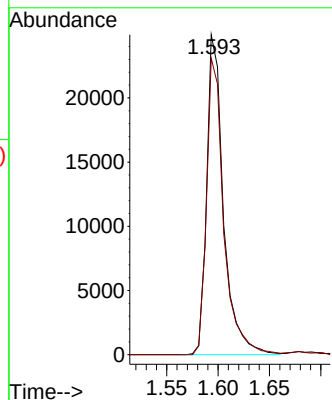
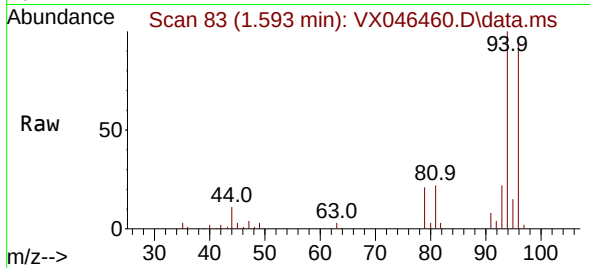




#5
Bromomethane
Concen: 45.593 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

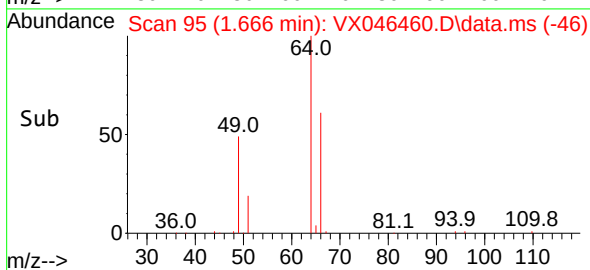
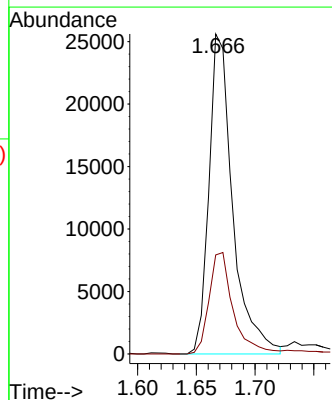
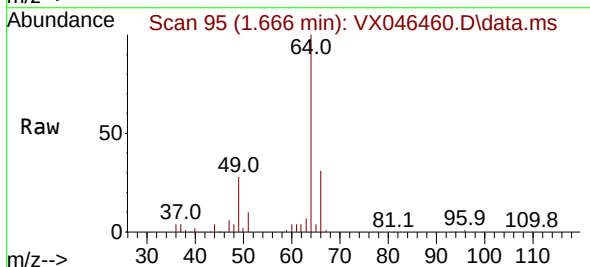
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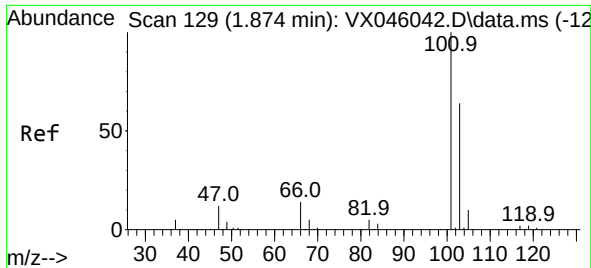
Tgt Ion: 94 Resp: 28400
Ion Ratio Lower Upper
94 100
96 92.6 72.8 109.2



#6
Chloroethane
Concen: 50.267 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 64 Resp: 36039
Ion Ratio Lower Upper
64 100
66 30.9 24.3 36.5

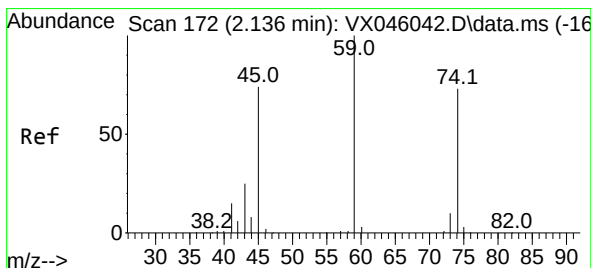
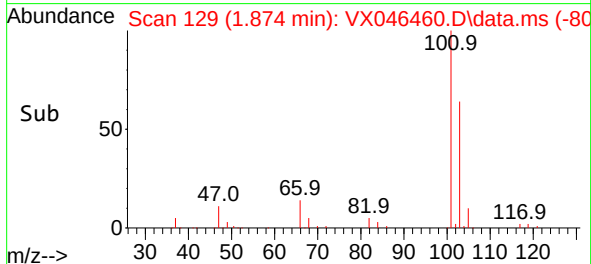
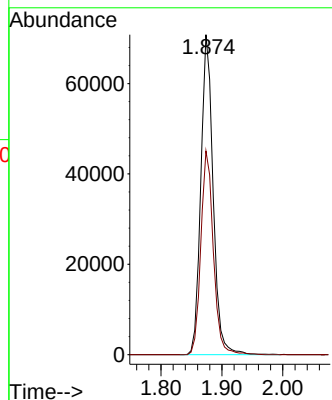
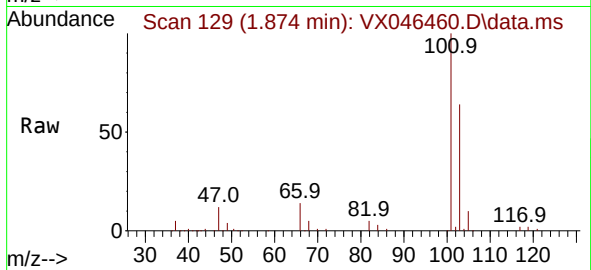




#7
 Trichlorofluoromethane
 Concen: 50.148 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

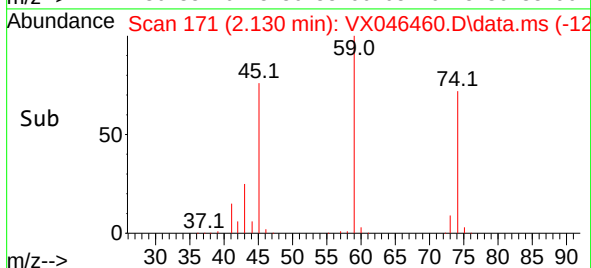
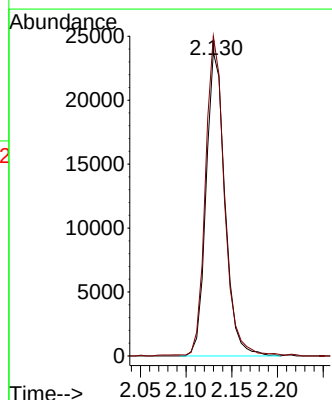
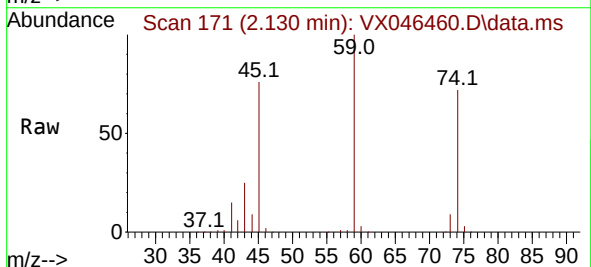
Instrument :
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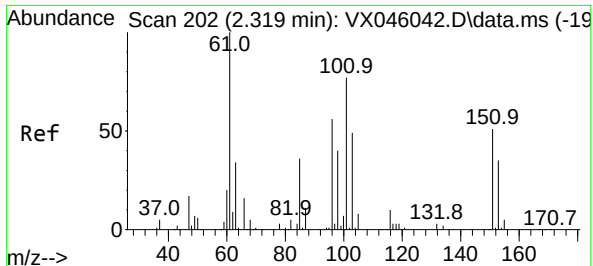
Tgt Ion:101 Resp: 99535
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.4



#8
 Diethyl Ether
 Concen: 50.265 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

Tgt Ion: 74 Resp: 33963
 Ion Ratio Lower Upper
 74 100
 45 106.2 54.9 164.8

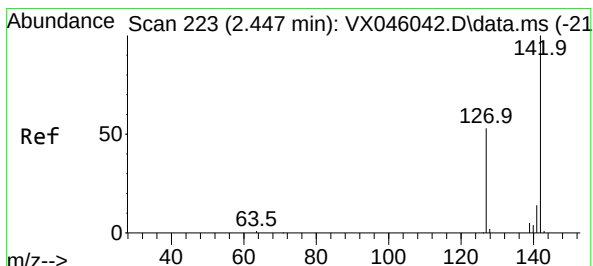
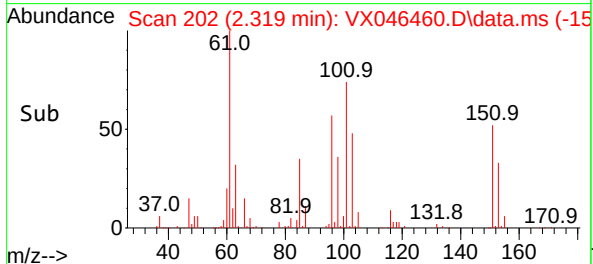
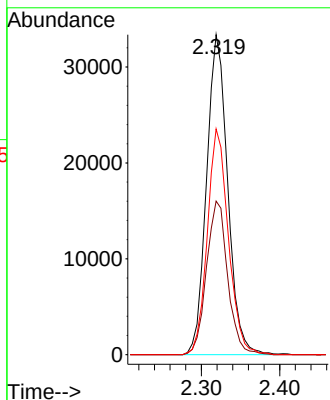
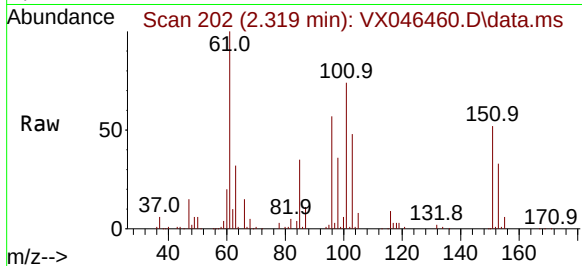




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.901 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046460.D
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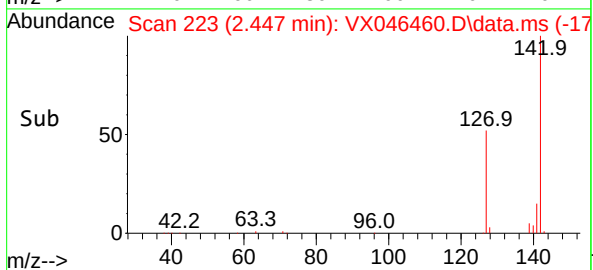
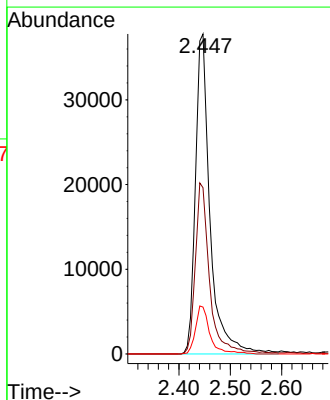
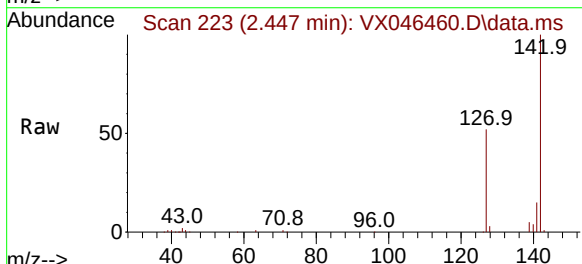
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

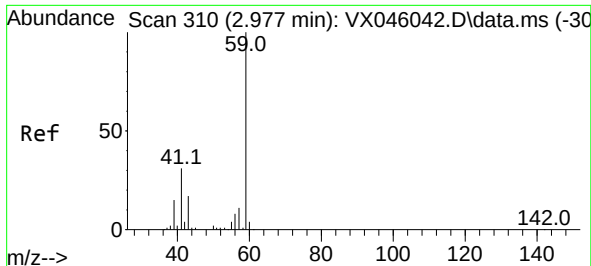
Tgt Ion:101 Resp: 62523
Ion Ratio Lower Upper
101 100
85 48.2 38.6 58.0
151 70.4 55.2 82.8



#10
Methyl Iodide
Concen: 51.391 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion:142 Resp: 74693
Ion Ratio Lower Upper
142 100
127 52.5 41.7 62.5
141 14.8 11.5 17.3

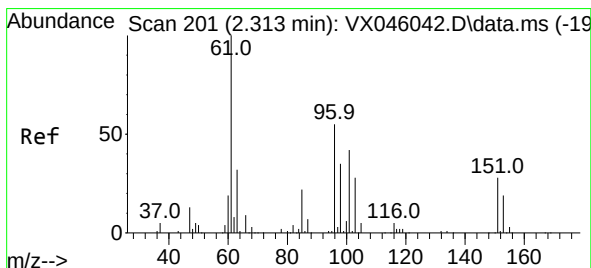
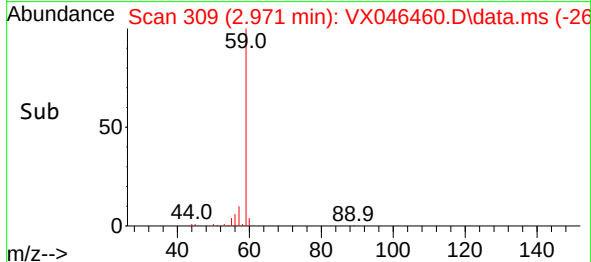
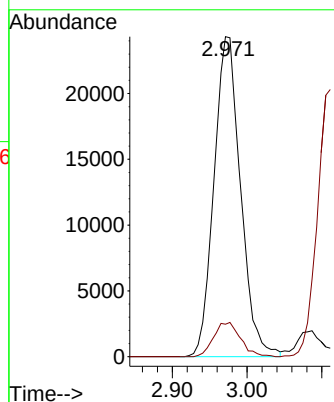
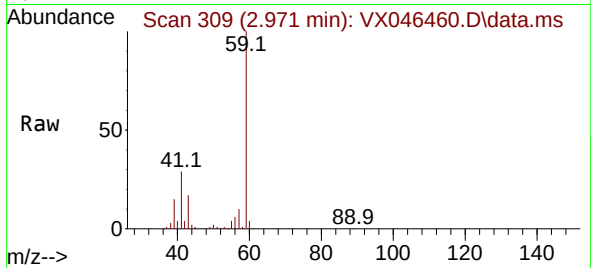




#11
Tert butyl alcohol
Concen: 236.391 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

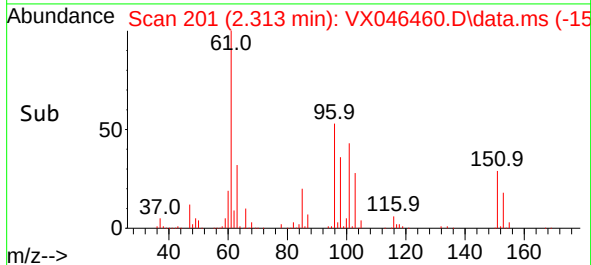
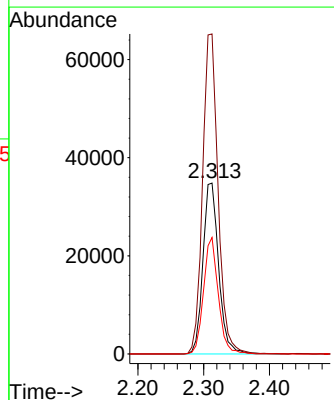
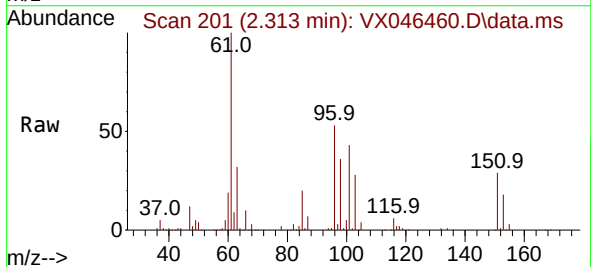
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

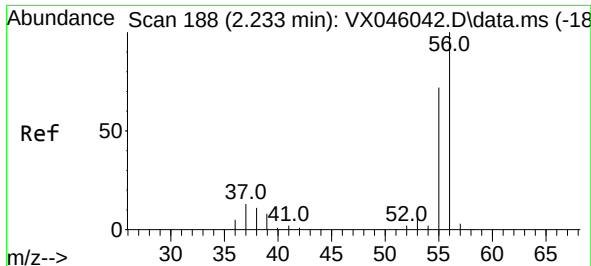
Tgt Ion: 59 Resp: 60143
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.176 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 96 Resp: 57843
Ion Ratio Lower Upper
96 100
61 187.2 146.2 219.2
98 68.1 51.0 76.6

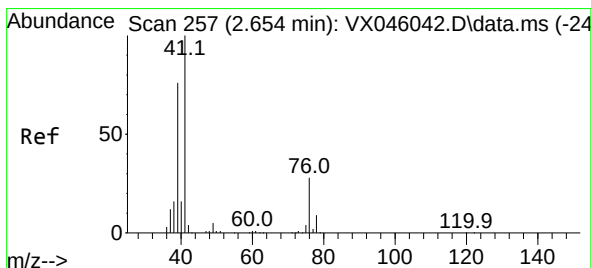
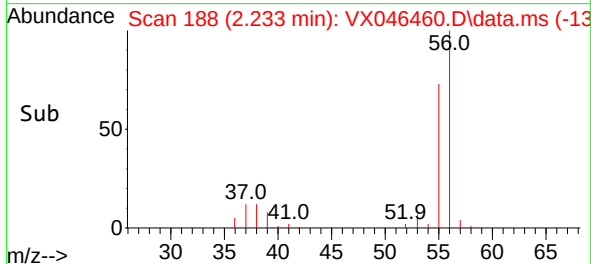
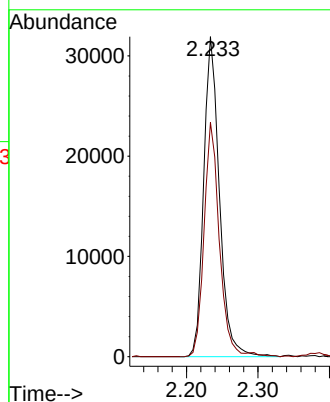
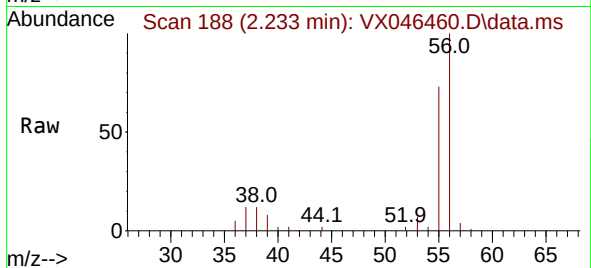




#13
Acrolein
Concen: 168.416 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

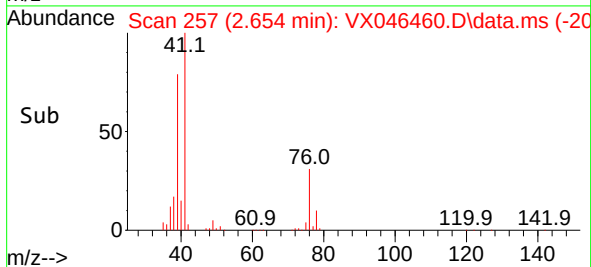
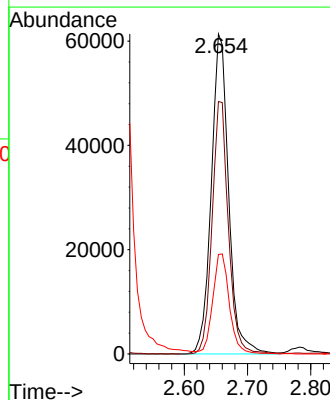
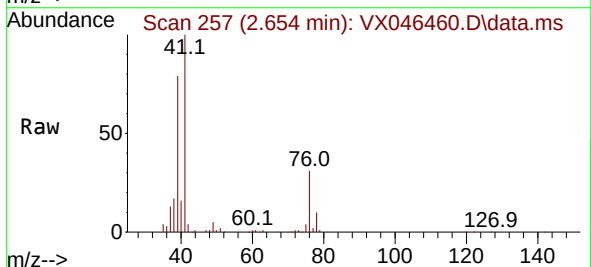
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

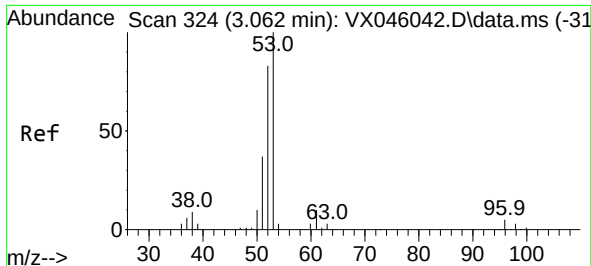
Tgt Ion: 56 Resp: 48798
Ion Ratio Lower Upper
56 100
55 71.6 56.2 84.4



#14
Allyl chloride
Concen: 53.097 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 41 Resp: 116985
Ion Ratio Lower Upper
41 100
39 73.9 60.6 90.8
76 30.2 24.9 37.3

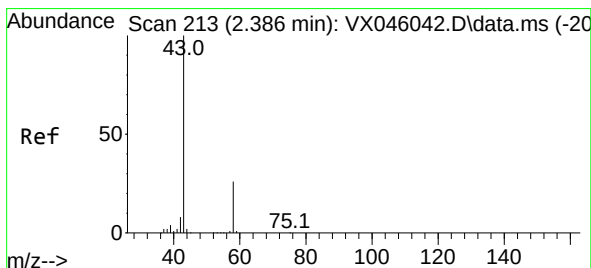
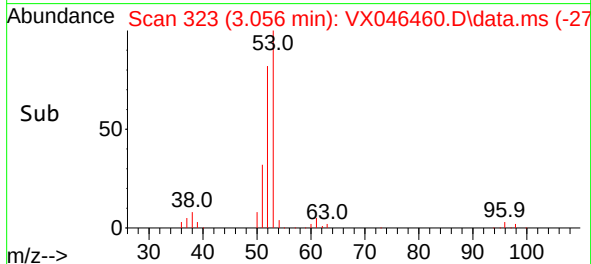
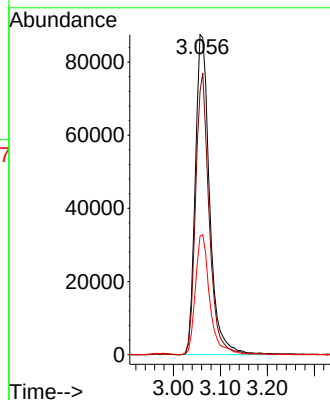
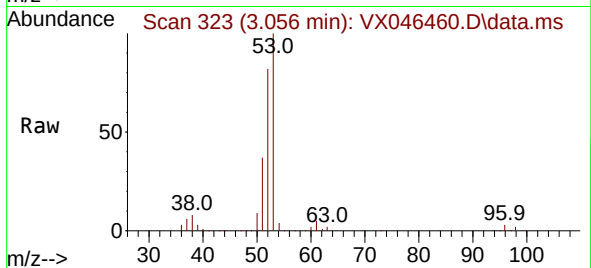




#15
Acrylonitrile
Concen: 256.965 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

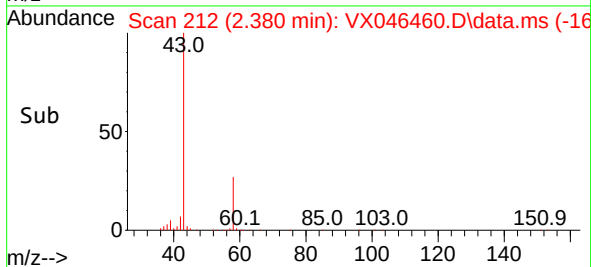
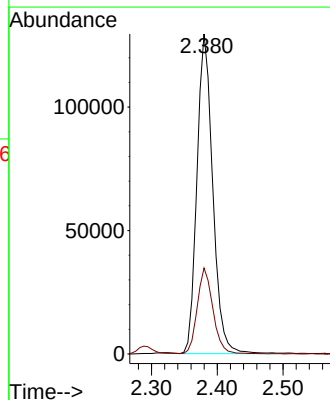
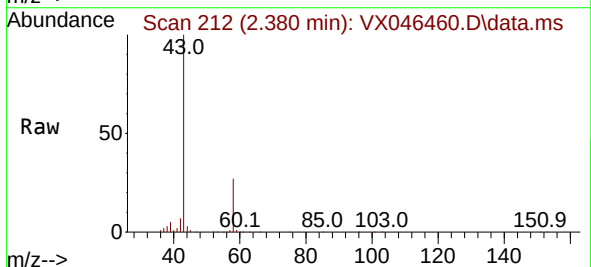
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

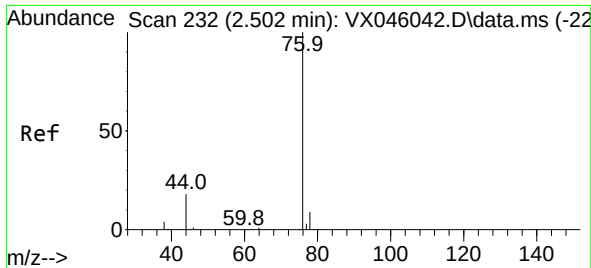
Tgt Ion: 53 Resp: 186943
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 37.4 29.8 44.8



#16
Acetone
Concen: 296.602 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 43 Resp: 215550
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8

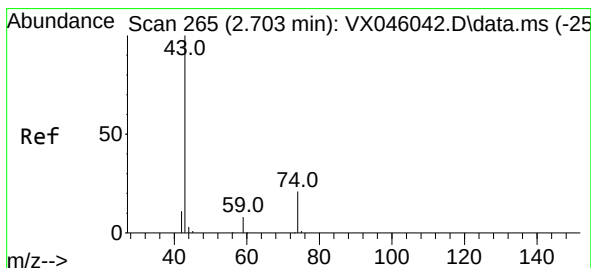
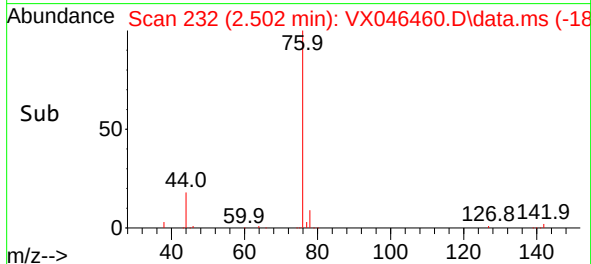
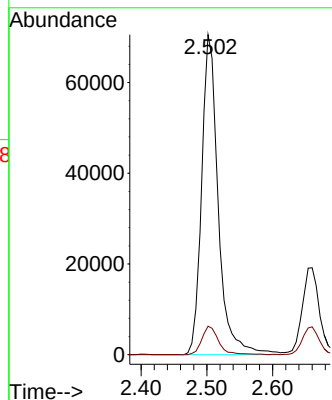
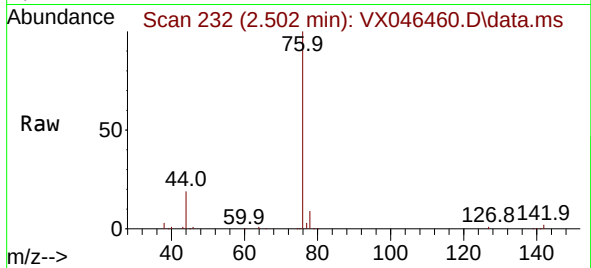




#17
Carbon Disulfide
Concen: 45.249 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

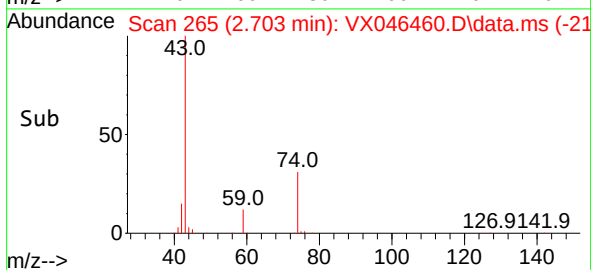
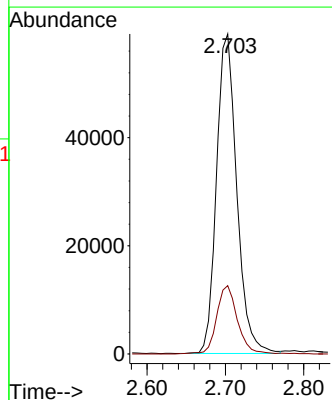
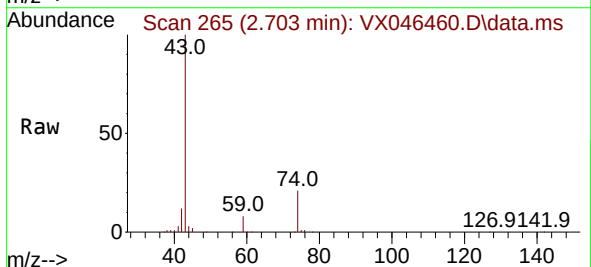
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

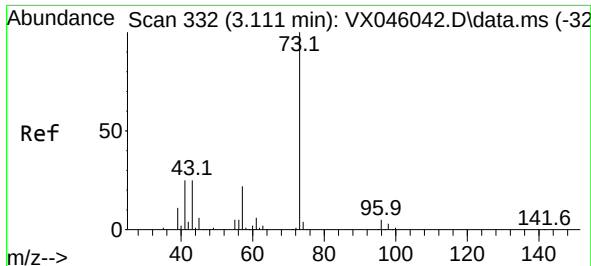
Tgt Ion: 76 Resp: 123668
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 62.971 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 43 Resp: 106195
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1

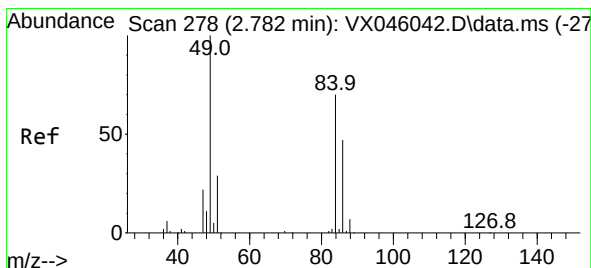
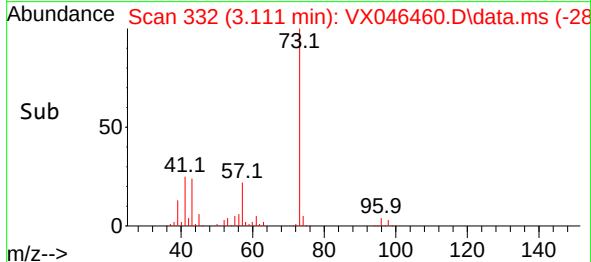
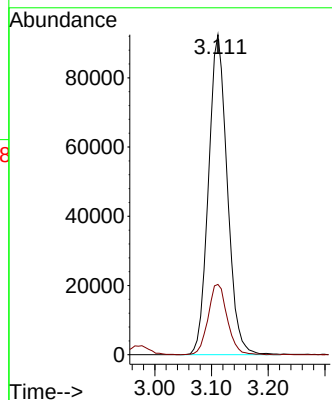
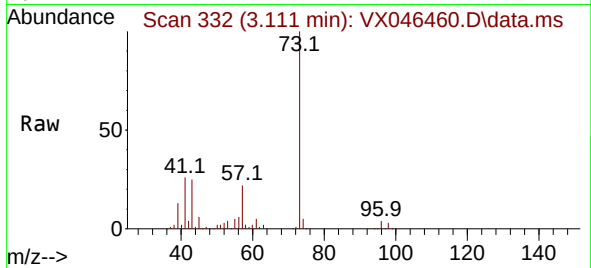




#19
Methyl tert-butyl Ether
Concen: 52.629 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

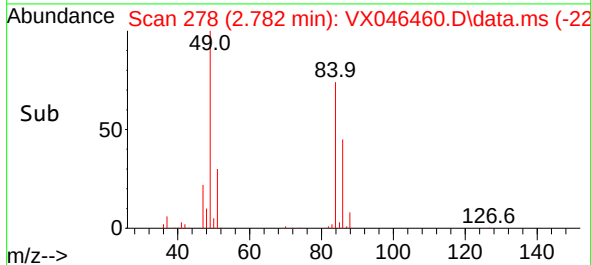
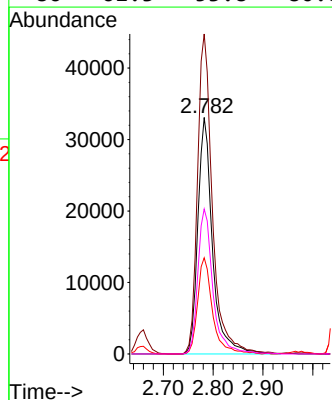
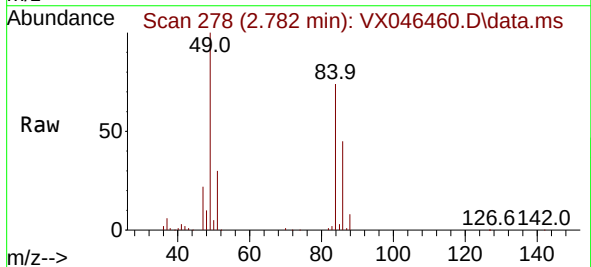
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

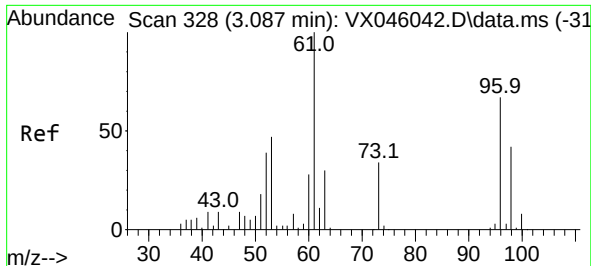
Tgt Ion: 73 Resp: 212708
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 48.515 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 84 Resp: 67564
Ion Ratio Lower Upper
84 100
49 135.4 113.9 170.9
51 40.7 33.5 50.3
86 61.3 53.8 80.8

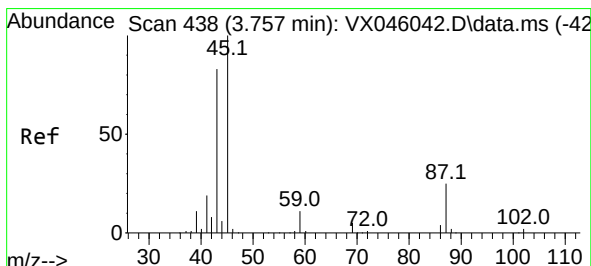
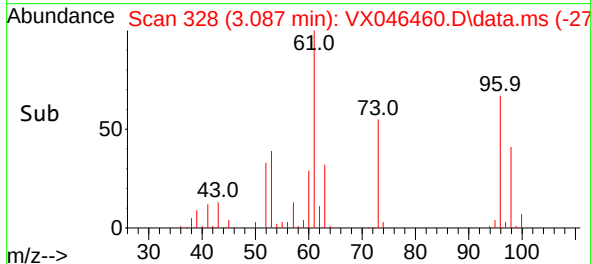
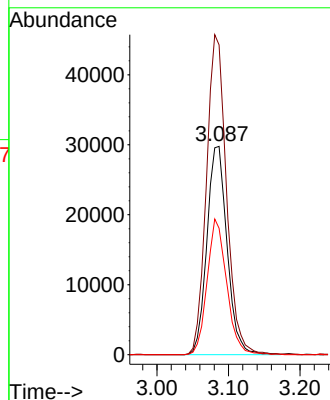
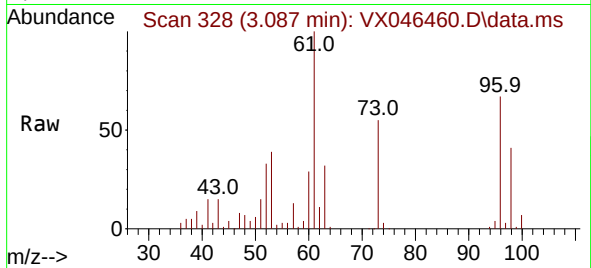




#21
trans-1,2-Dichloroethene
Concen: 50.461 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

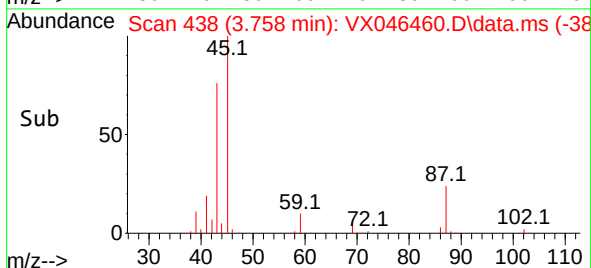
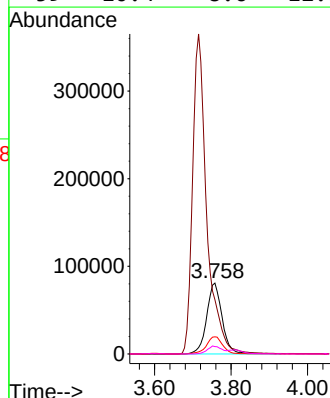
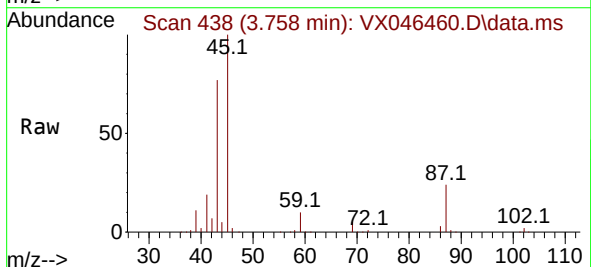
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

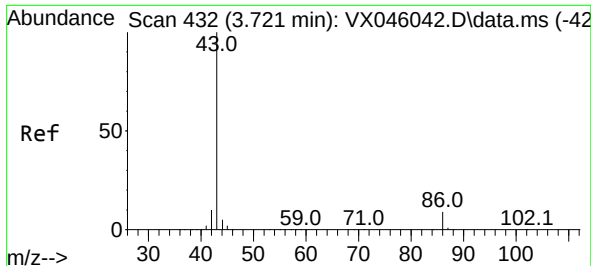
Tgt Ion: 96 Resp: 58500
Ion Ratio Lower Upper
96 100
61 148.7 119.5 179.3
98 60.7 50.0 75.0



#22
Diisopropyl ether
Concen: 53.357 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 45 Resp: 227076
Ion Ratio Lower Upper
45 100
43 76.3 66.6 100.0
87 24.2 19.8 29.6
59 10.4 8.6 12.8

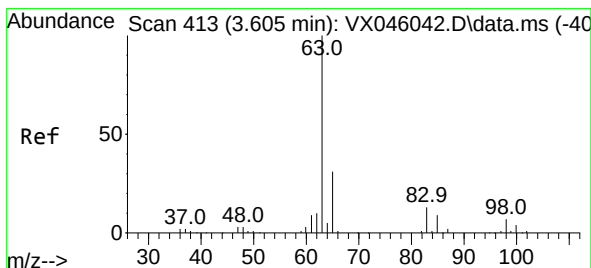
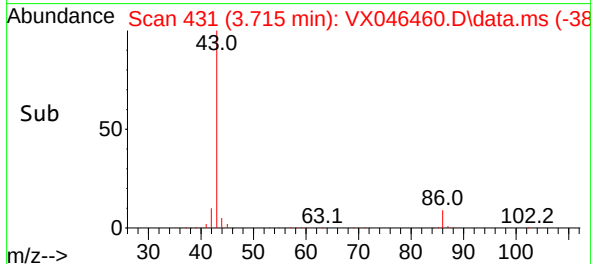
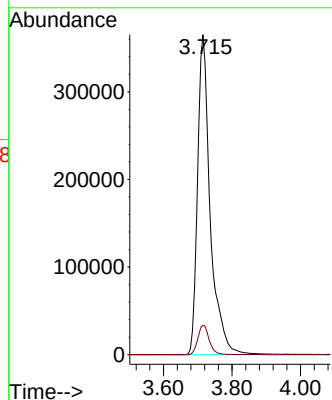
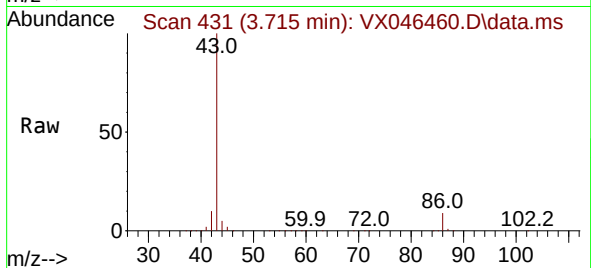




#23
 Vinyl Acetate
 Concen: 251.538 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

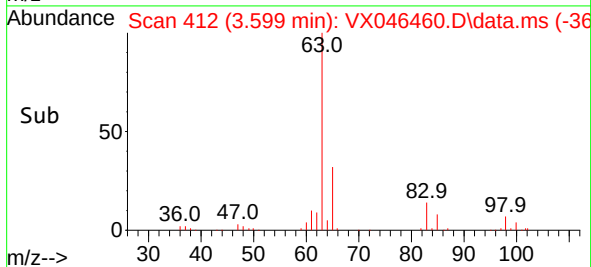
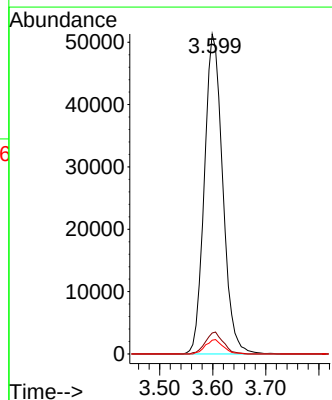
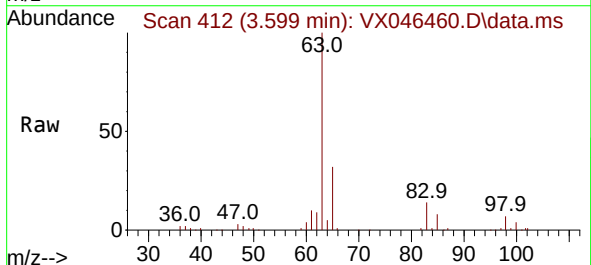
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

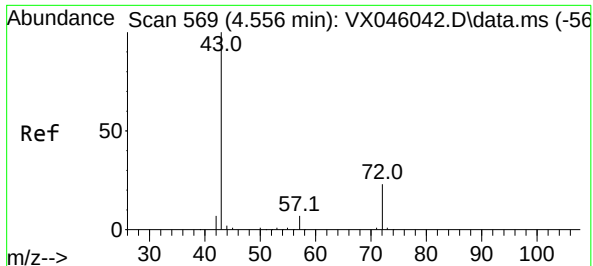
Tgt Ion: 43 Resp: 941542
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 51.940 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

Tgt Ion: 63 Resp: 123119
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.3 2.1 6.3

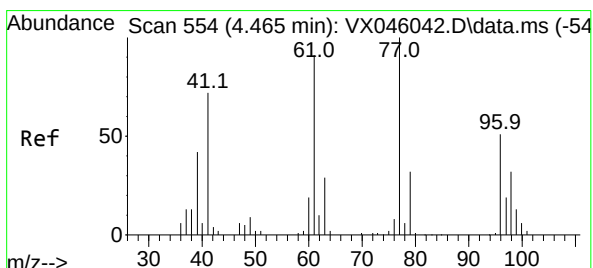
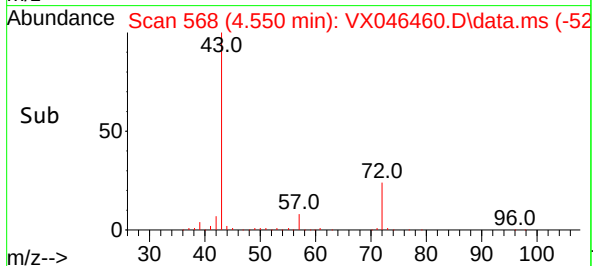
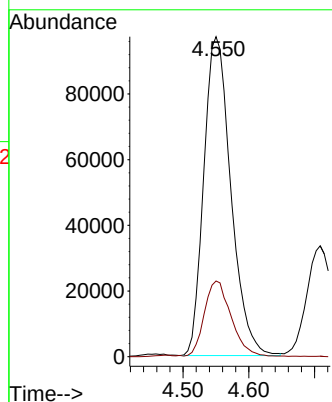
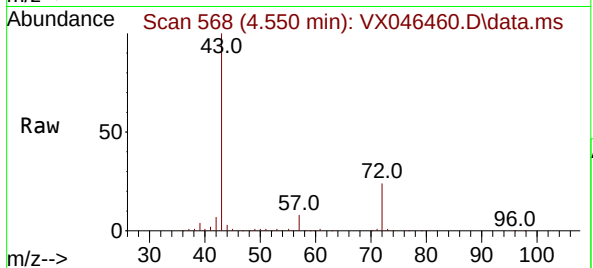




#25
2-Butanone
Concen: 264.096 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

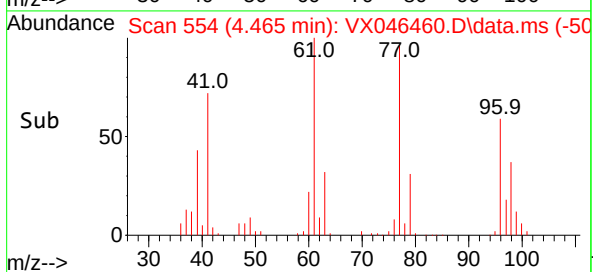
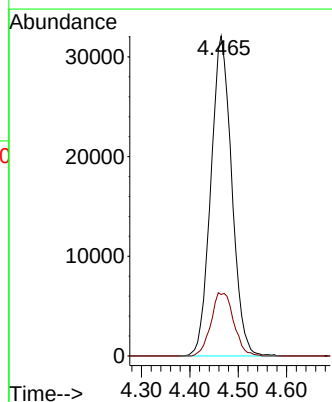
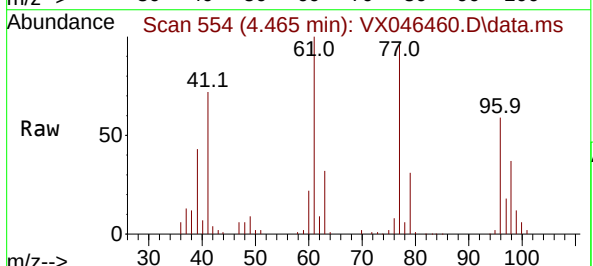
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

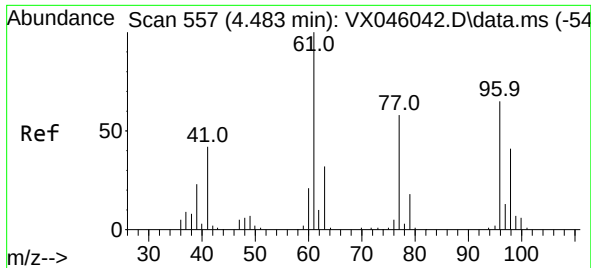
Tgt Ion: 43 Resp: 278637
Ion Ratio Lower Upper
43 100
72 23.5 18.4 27.6



#26
2,2-Dichloropropane
Concen: 51.925 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 77 Resp: 96338
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5



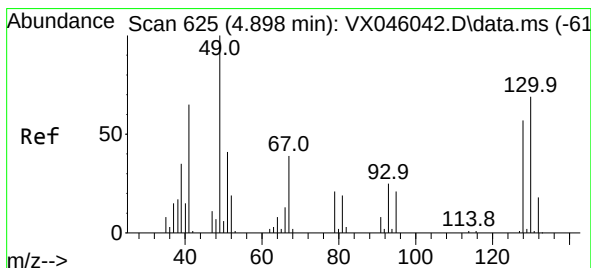
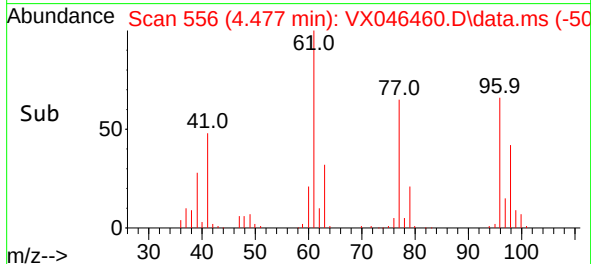
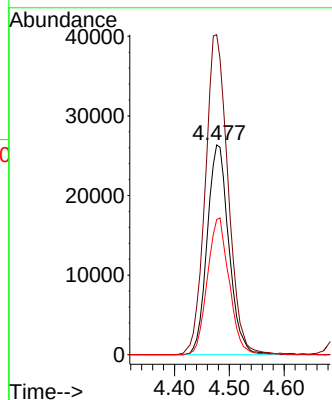
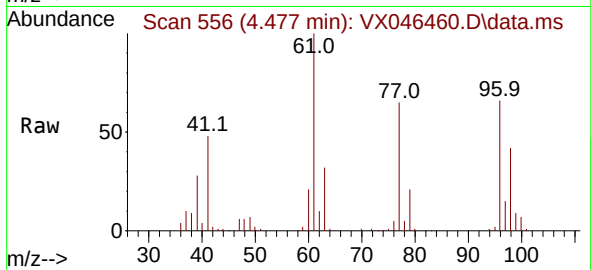


#27
 cis-1,2-Dichloroethene
 Concen: 51.764 ug/l
 RT: 4.477 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 72243

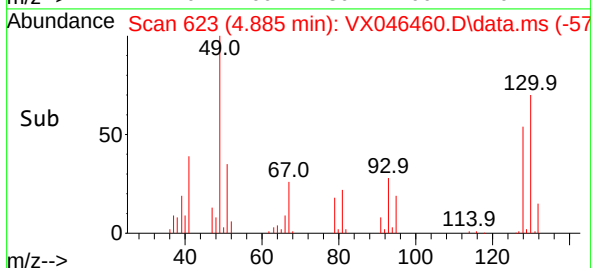
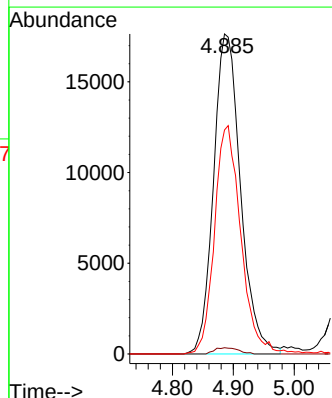
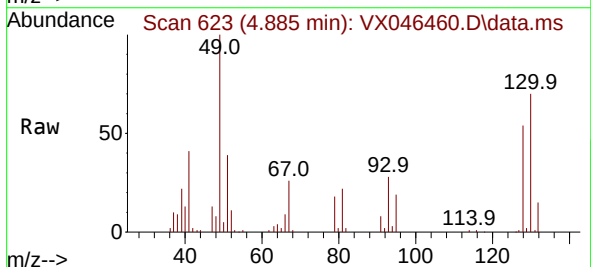
Ion	Ratio	Lower	Upper
96	100		
61	160.5	0.0	322.8
98	65.6	0.0	129.0

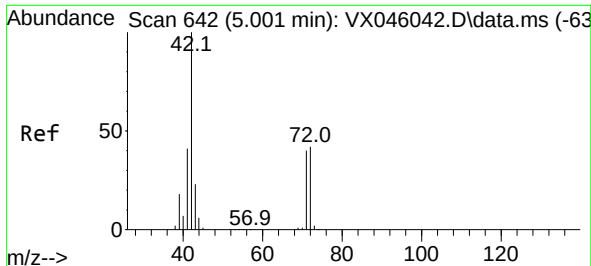


#28
 Bromochloromethane
 Concen: 47.712 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

Tgt Ion: 49 Resp: 54439

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	69.7	56.2	84.2





#29

Tetrahydrofuran

Concen: 251.308 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

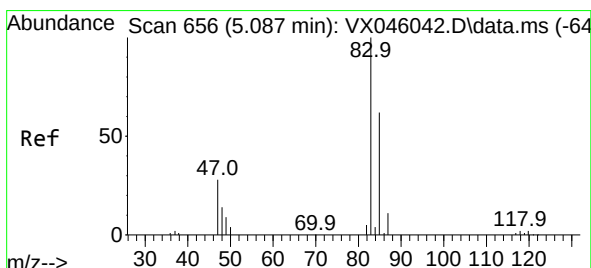
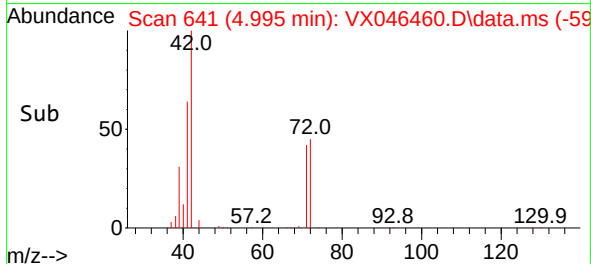
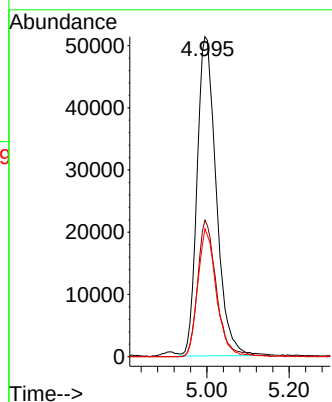
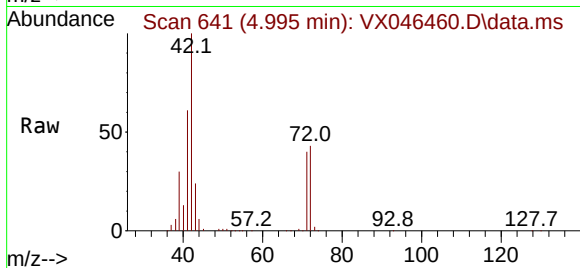
Tgt Ion: 42 Resp: 166146

Ion Ratio Lower Upper

42 100

72 42.0 33.7 50.5

71 38.9 31.4 47.2



#30

Chloroform

Concen: 51.020 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX046460.D

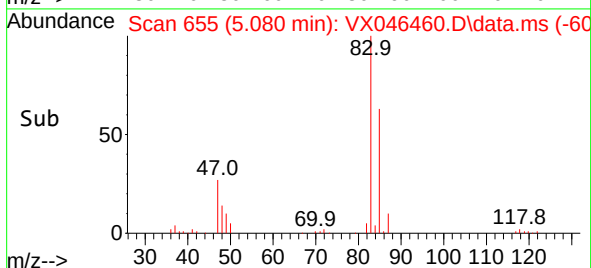
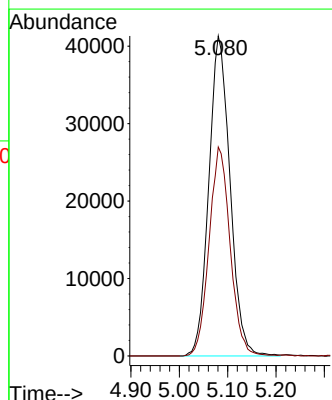
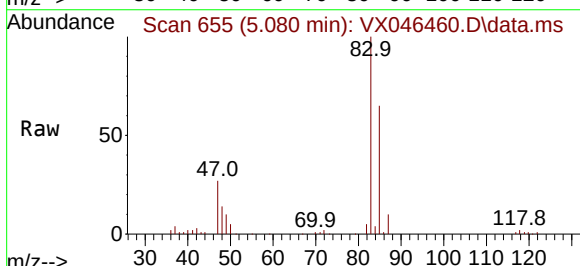
Acq: 03 Jun 2025 10:10

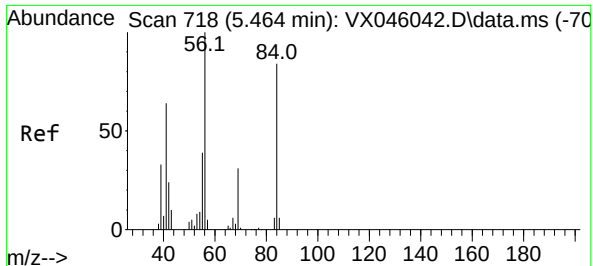
Tgt Ion: 83 Resp: 126054

Ion Ratio Lower Upper

83 100

85 65.3 49.3 73.9

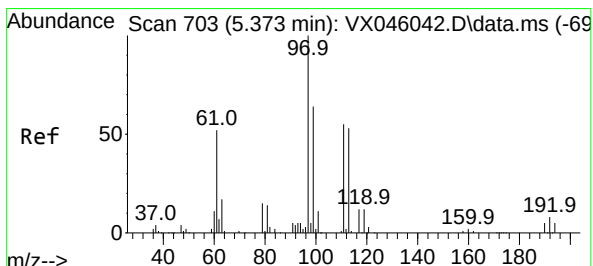
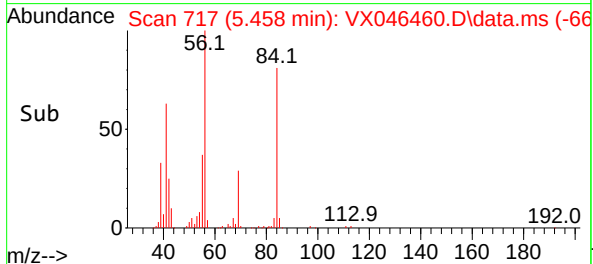
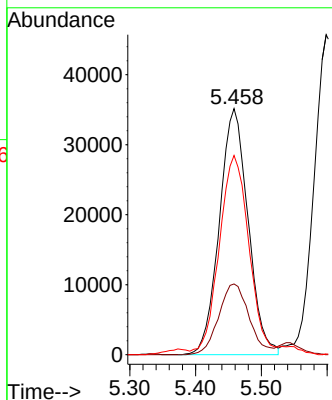
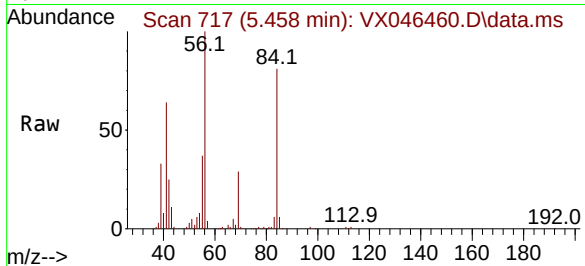




#31
Cyclohexane
Concen: 49.475 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

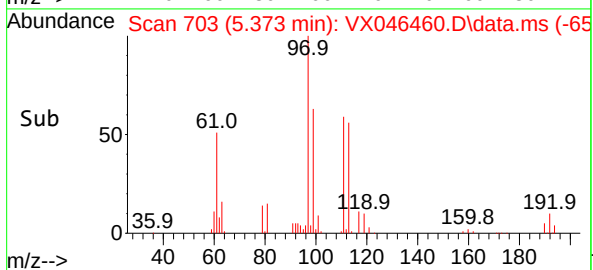
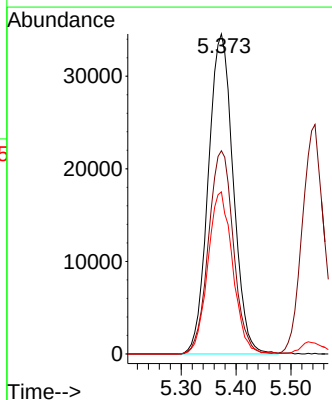
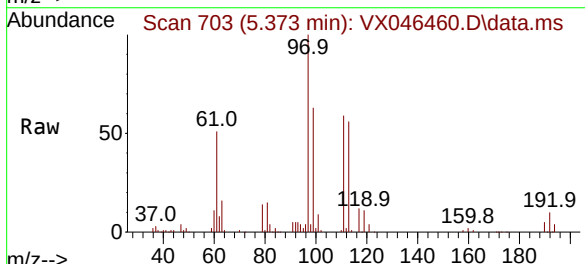
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

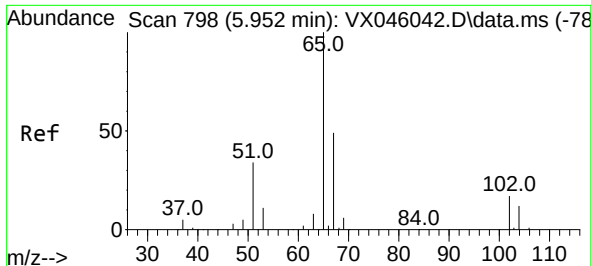
Tgt Ion: 56 Resp: 106868
Ion Ratio Lower Upper
56 100
69 28.8 24.4 36.6
84 78.6 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 50.955 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 97 Resp: 109132
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 50.5 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 46.053 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

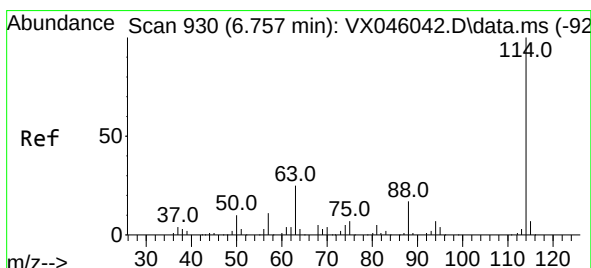
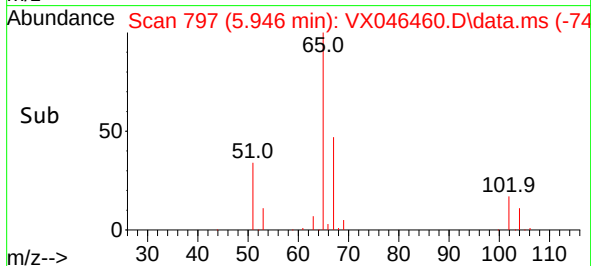
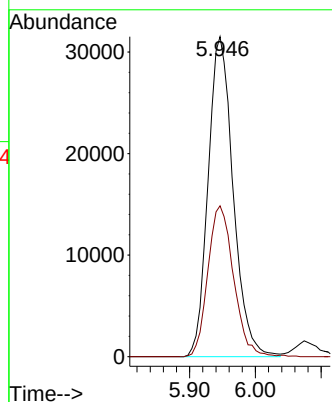
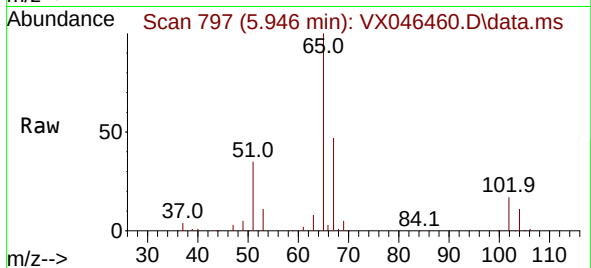
VSTDCCC050

Tgt Ion: 65 Resp: 83472

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

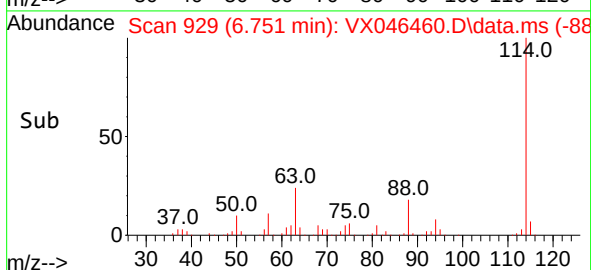
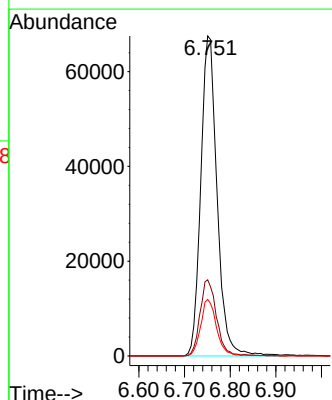
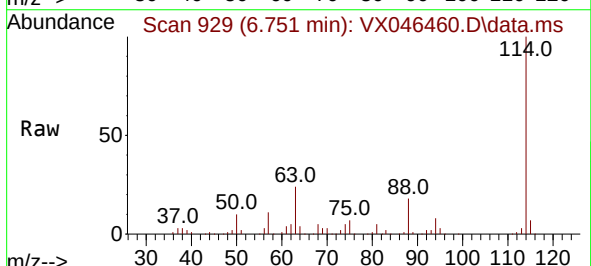
Tgt Ion: 114 Resp: 166757

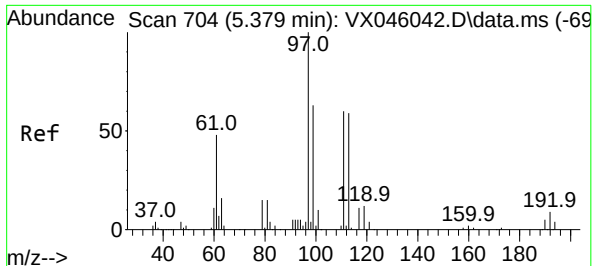
Ion Ratio Lower Upper

114 100

63 23.8 0.0 49.2

88 17.7 0.0 33.6

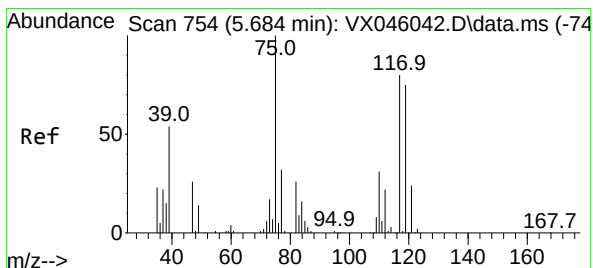
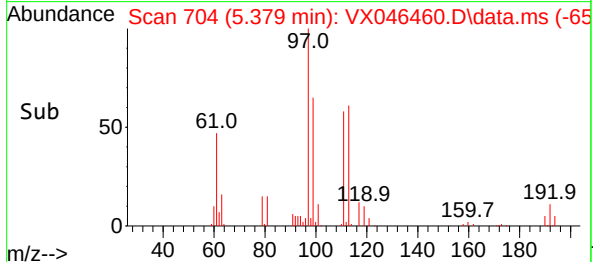
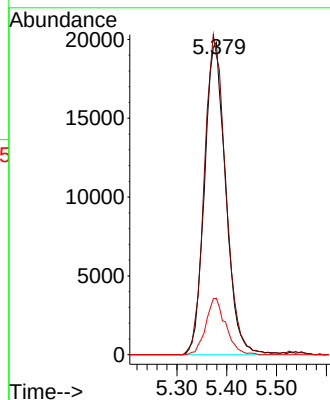
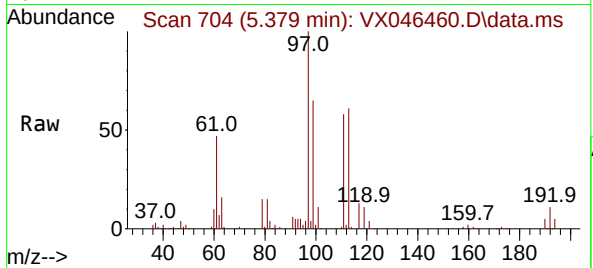




#35
Dibromofluoromethane
Concen: 48.937 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

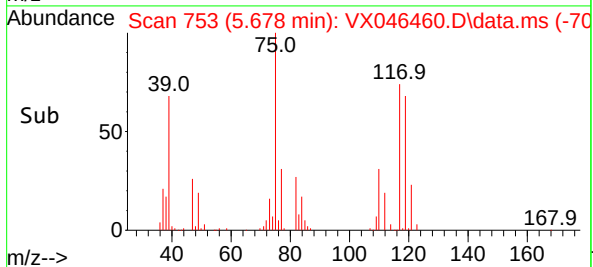
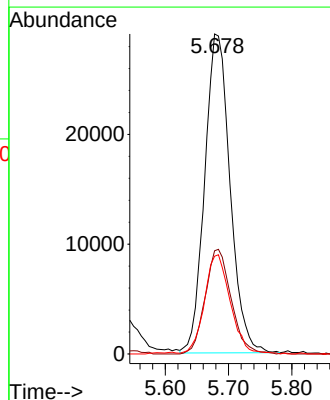
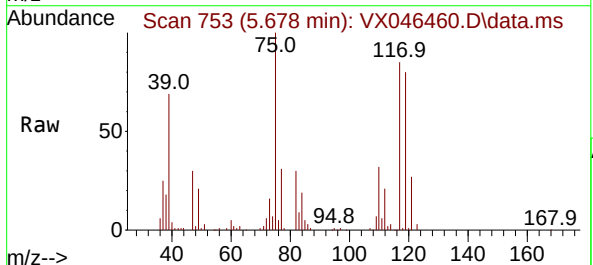
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

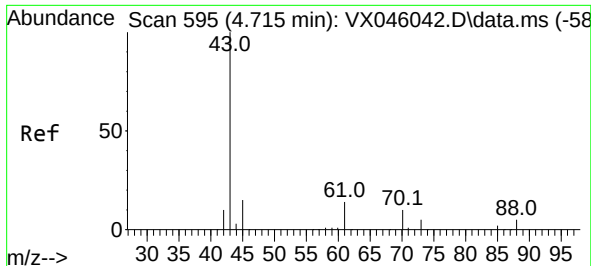
Tgt Ion:113 Resp: 58765
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 50.385 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 75 Resp: 81293
Ion Ratio Lower Upper
75 100
110 33.5 16.3 48.9
77 31.6 24.3 36.5





#37

Ethyl Acetate

Concen: 49.615 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

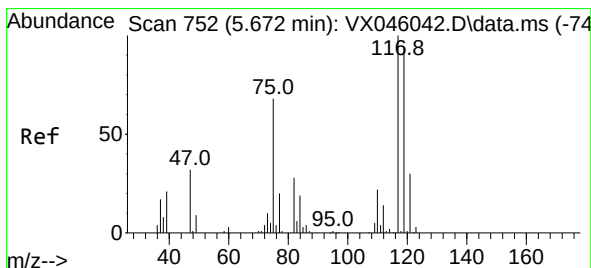
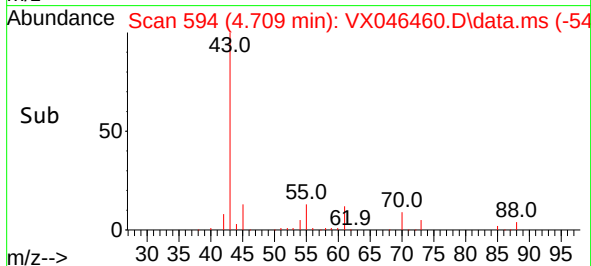
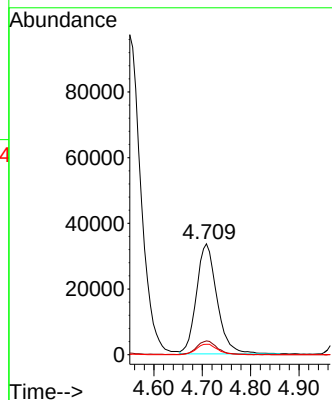
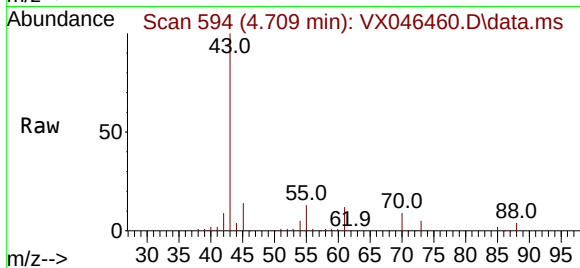
Tgt Ion: 43 Resp: 98903

Ion Ratio Lower Upper

43 100

61 12.8 10.3 15.5

70 9.8 7.9 11.9



#38

Carbon Tetrachloride

Concen: 50.634 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

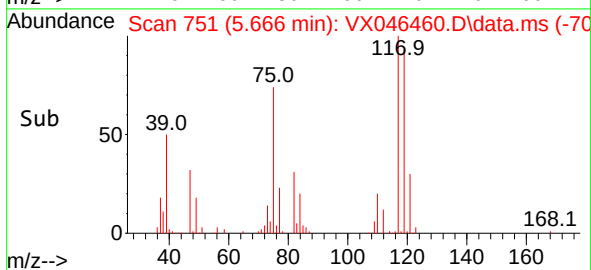
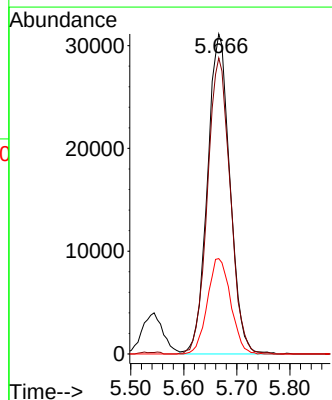
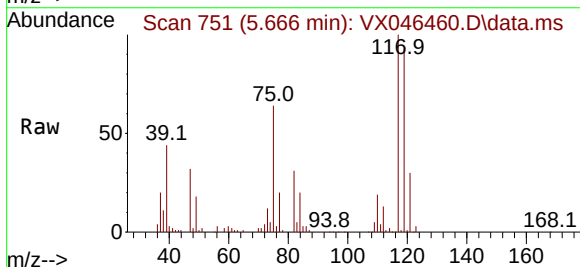
Tgt Ion: 117 Resp: 91791

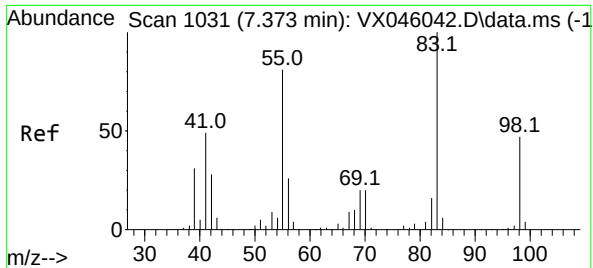
Ion Ratio Lower Upper

117 100

119 92.5 75.2 112.8

121 29.8 24.2 36.4

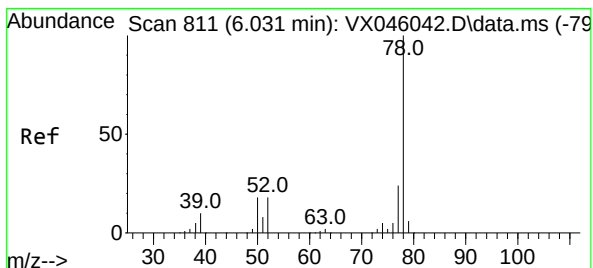
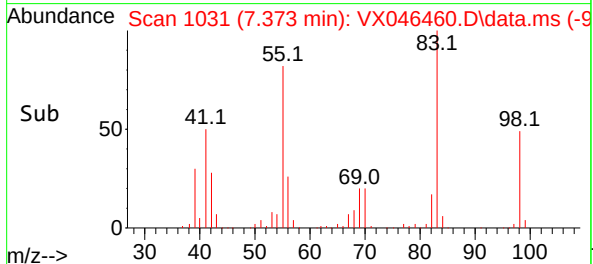
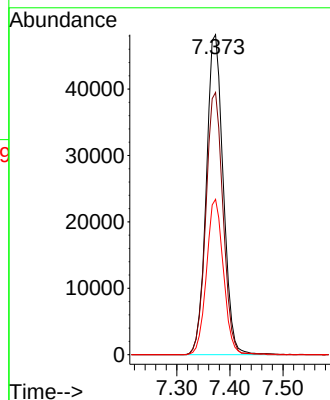
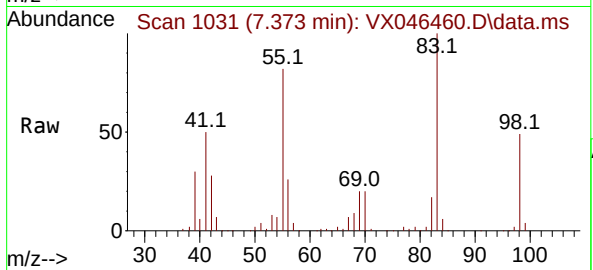




#39
Methylcyclohexane
Concen: 51.355 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

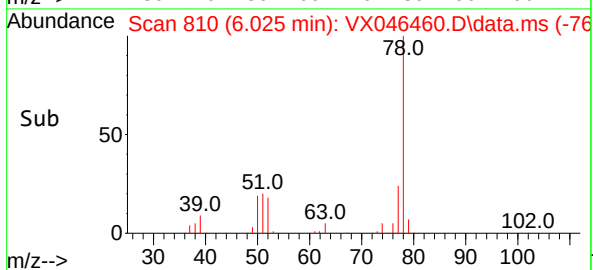
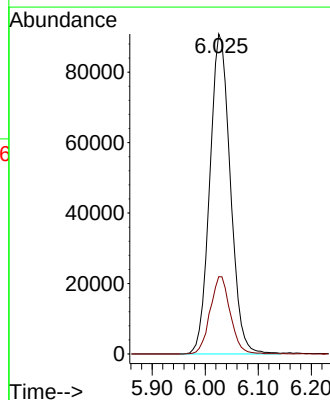
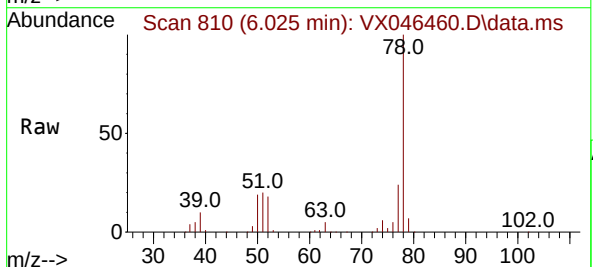
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

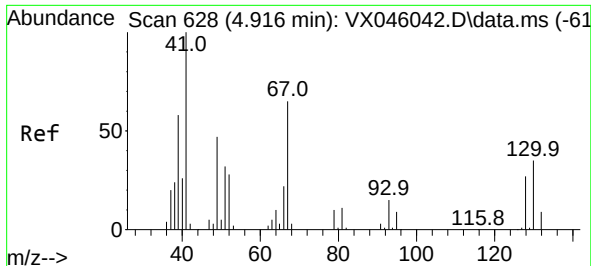
Tgt Ion: 83 Resp: 106672
Ion Ratio Lower Upper
83 100
55 82.0 64.7 97.1
98 48.6 37.4 56.2



#40
Benzene
Concen: 51.690 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 78 Resp: 244281
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4

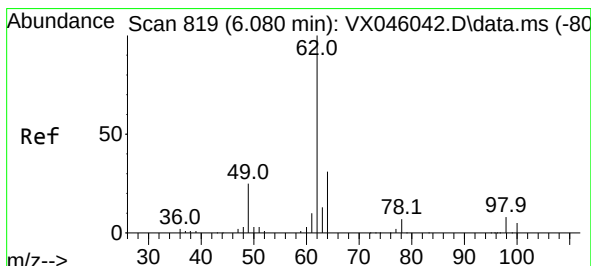
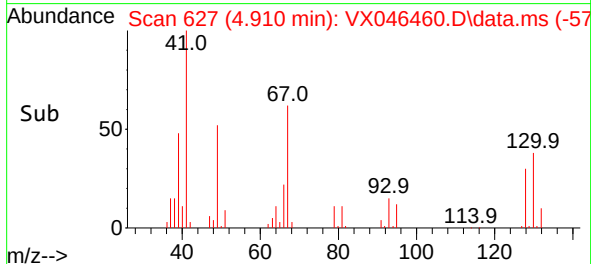
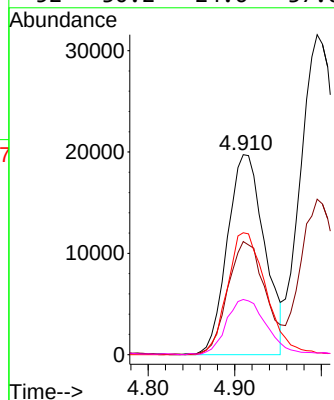
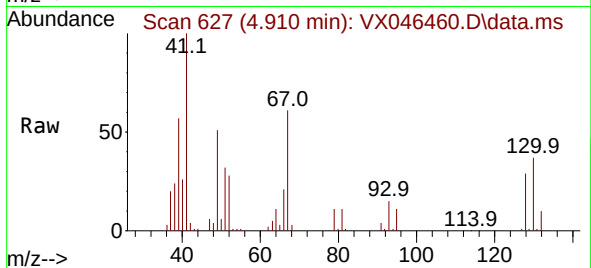




#41
Methacrylonitrile
Concen: 56.511 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

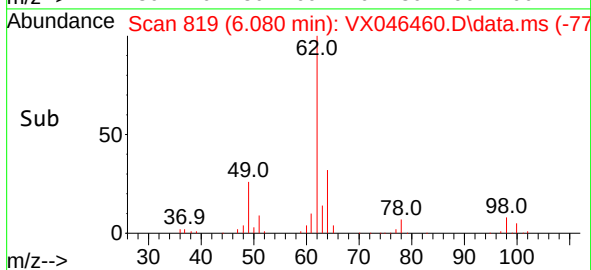
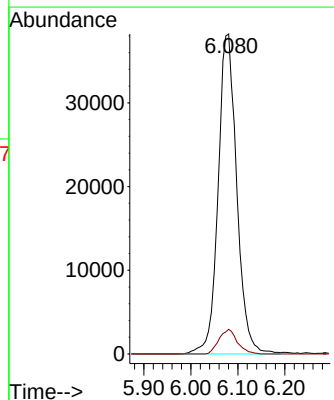
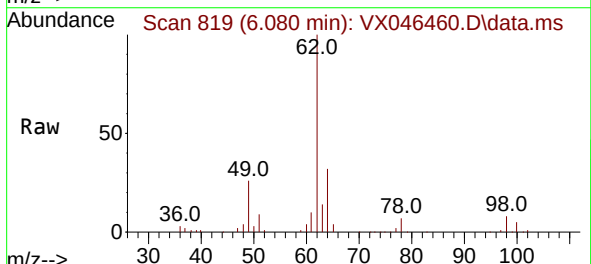
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

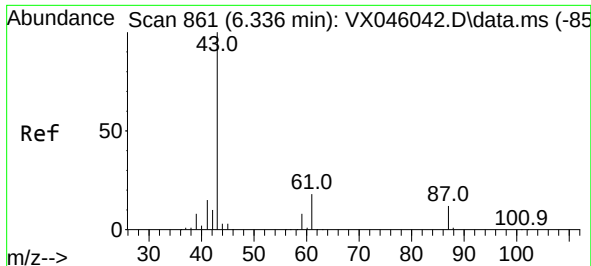
Tgt Ion:	41	Resp:	58928
Ion	Ratio	Lower	Upper
41	100		
39	58.5	47.2	70.8
67	63.9	50.7	76.1
52	30.2	24.6	37.0



#42
1,2-Dichloroethane
Concen: 51.762 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion:	62	Resp:	105576
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2

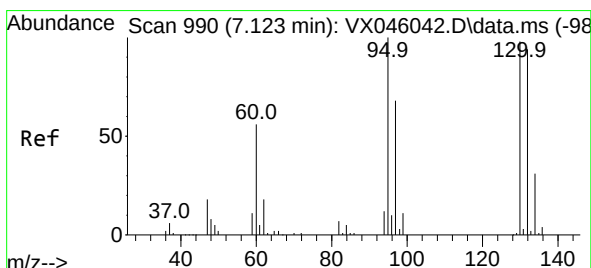
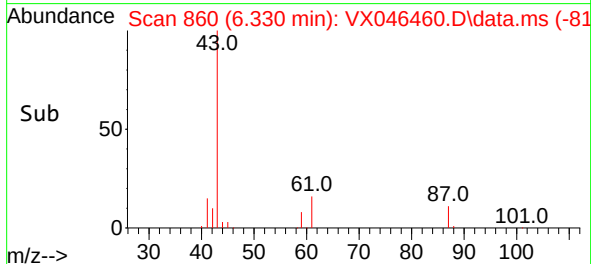
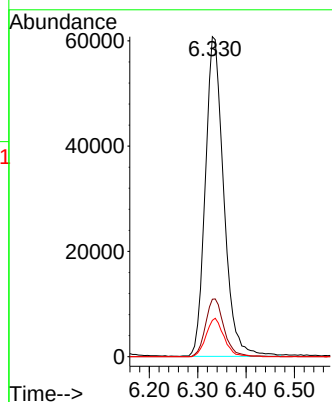
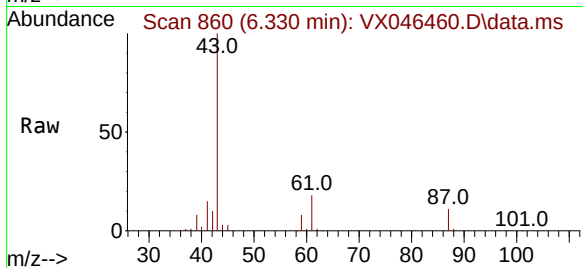




#43
Isopropyl Acetate
Concen: 52.928 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

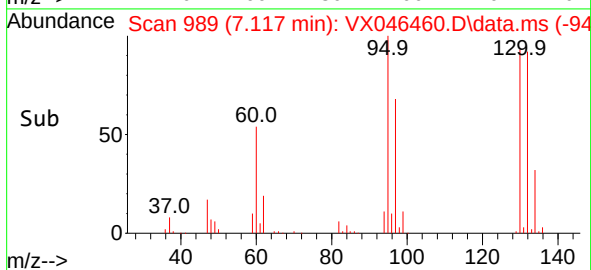
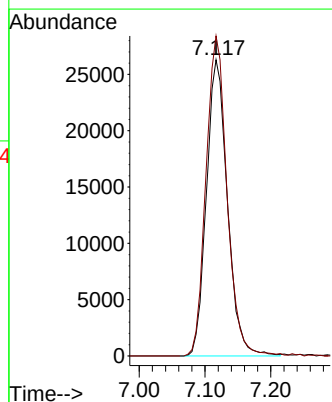
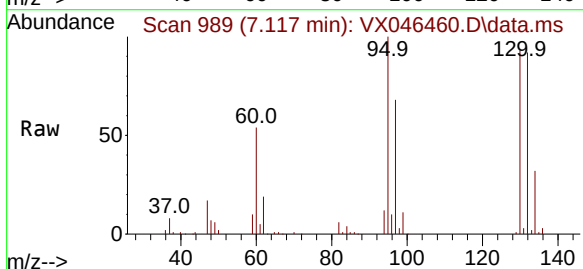
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

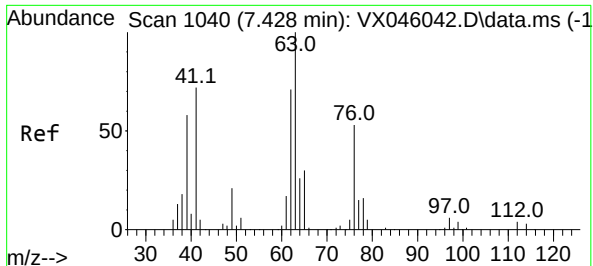
Tgt Ion: 43 Resp: 160957
Ion Ratio Lower Upper
43 100
61 18.0 14.3 21.5
87 11.7 9.5 14.3



#44
Trichloroethene
Concen: 51.459 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion:130 Resp: 58531
Ion Ratio Lower Upper
130 100
95 108.1 0.0 204.2





#45

1,2-Dichloropropane

Concen: 53.872 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

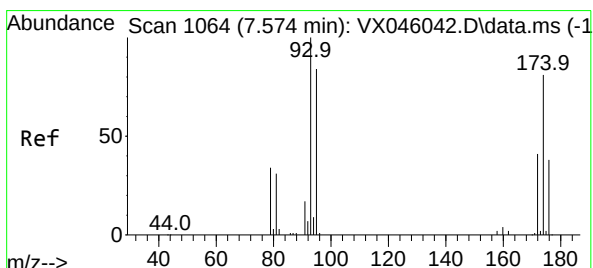
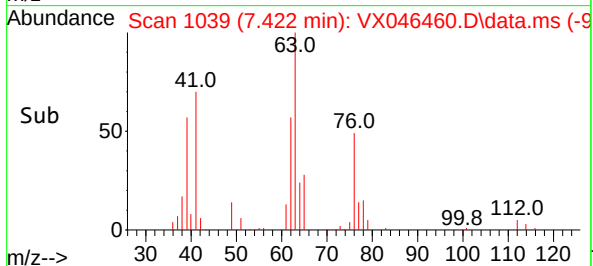
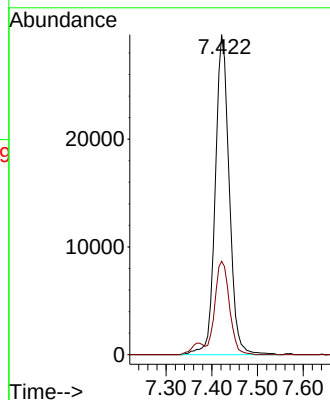
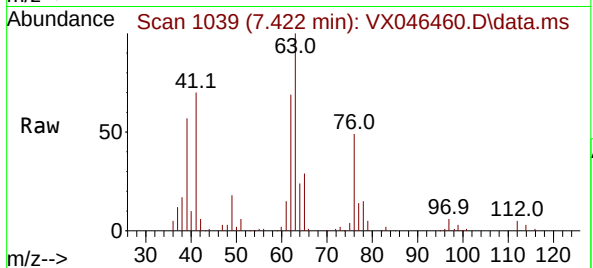
VSTDCCC050

Tgt Ion: 63 Resp: 63306

Ion Ratio Lower Upper

63 100

65 29.2 24.1 36.1



#46

Dibromomethane

Concen: 50.912 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

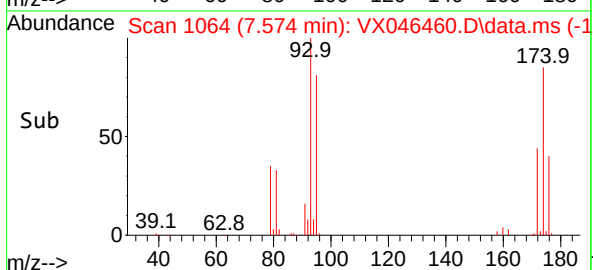
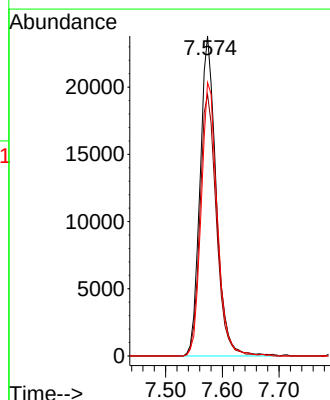
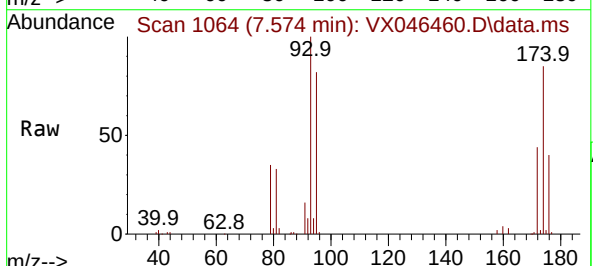
Tgt Ion: 93 Resp: 47187

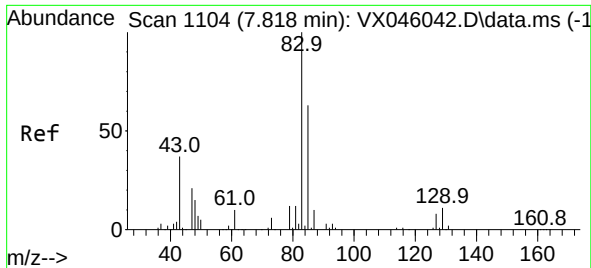
Ion Ratio Lower Upper

93 100

95 83.2 65.6 98.4

174 85.1 68.2 102.2

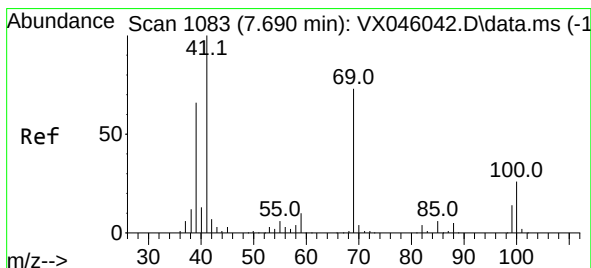
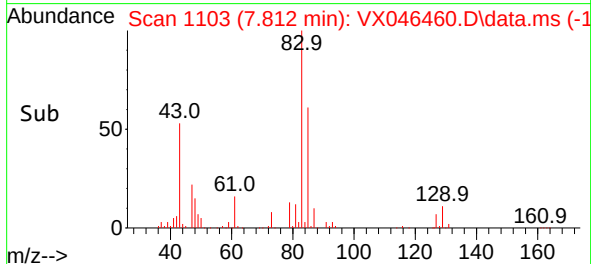
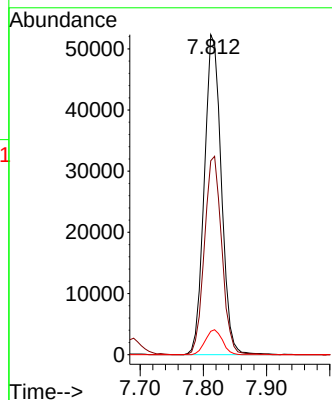
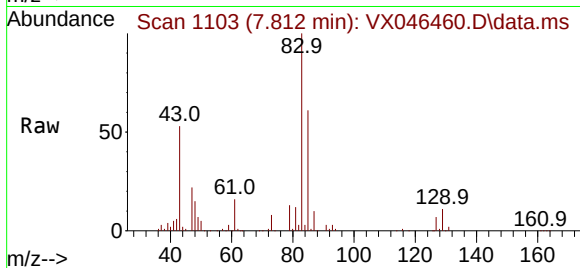




#47
 Bromodichloromethane
 Concen: 53.619 ug/l
 RT: 7.812 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

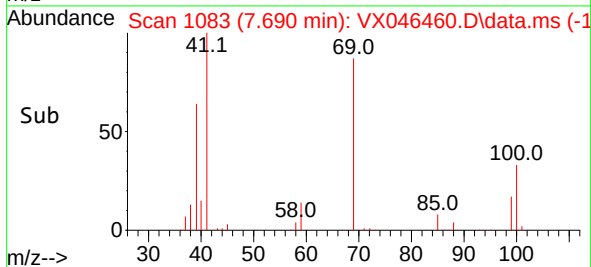
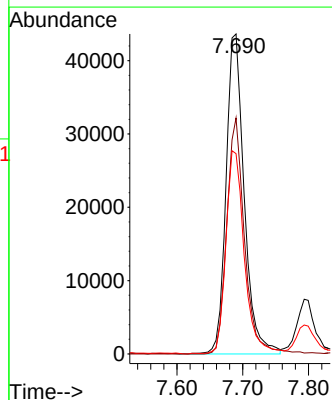
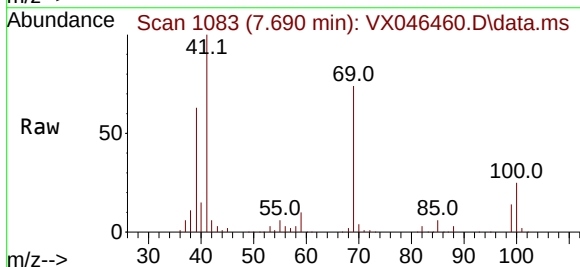
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

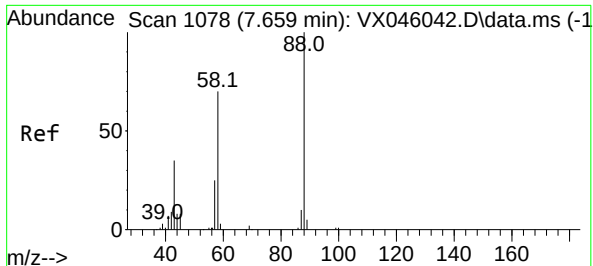
Tgt Ion: 83 Resp: 97879
 Ion Ratio Lower Upper
 83 100
 85 60.6 50.5 75.7
 127 7.3 6.5 9.7



#48
 Methyl methacrylate
 Concen: 53.984 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. 0.000 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

Tgt Ion: 41 Resp: 83841
 Ion Ratio Lower Upper
 41 100
 69 72.3 58.5 87.7
 39 64.7 51.7 77.5

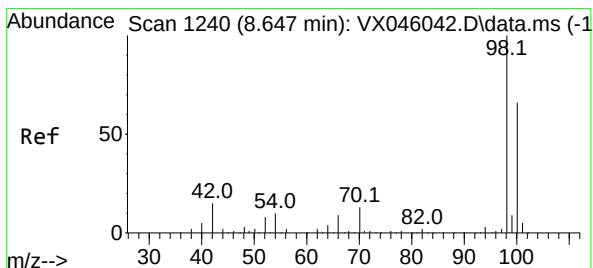
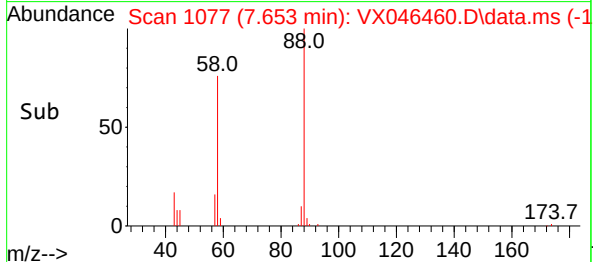
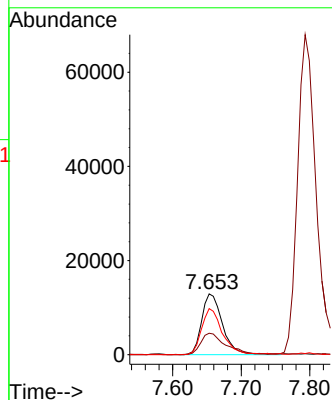
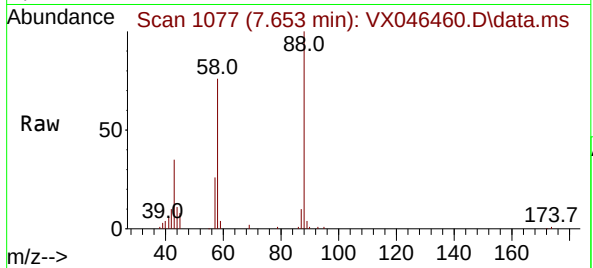




#49
1,4-Dioxane
Concen: 926.756 ug/l
RT: 7.653 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

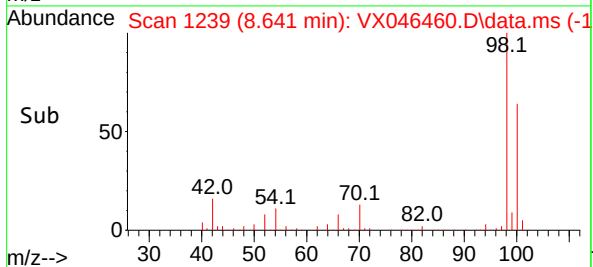
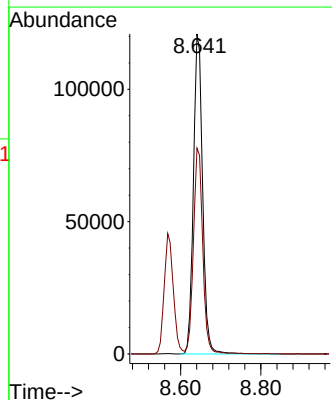
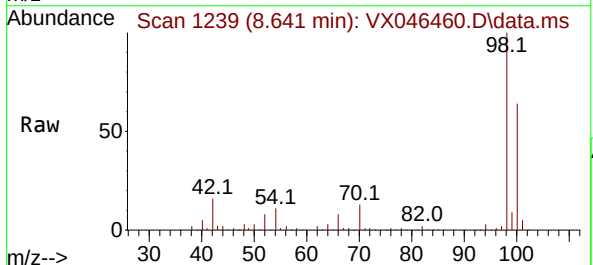
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

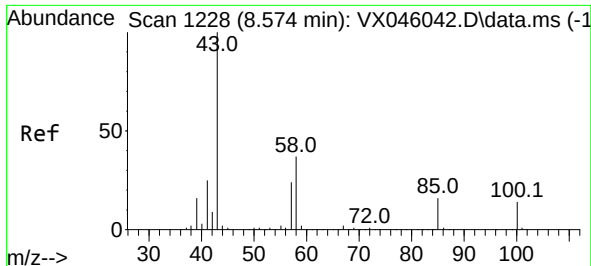
Tgt Ion: 88 Resp: 27329
Ion Ratio Lower Upper
88 100
43 42.5 33.4 50.2
58 75.3 58.6 88.0



#50
Toluene-d8
Concen: 46.171 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 98 Resp: 191895
Ion Ratio Lower Upper
98 100
100 64.3 53.5 80.3

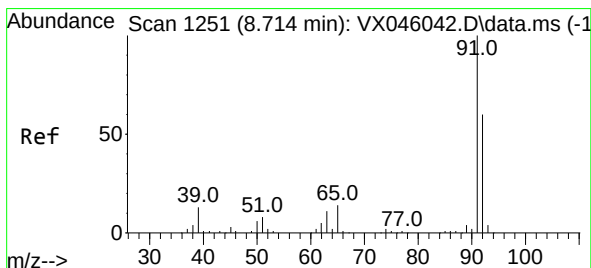
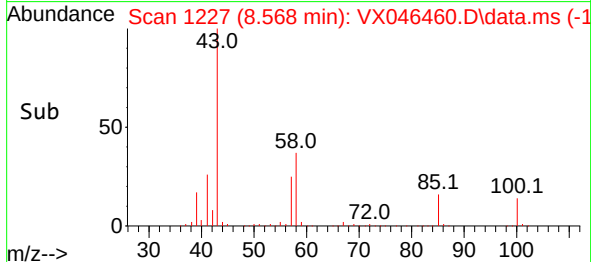
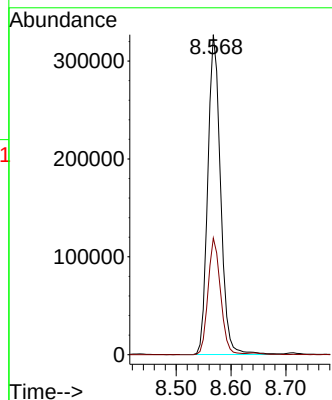
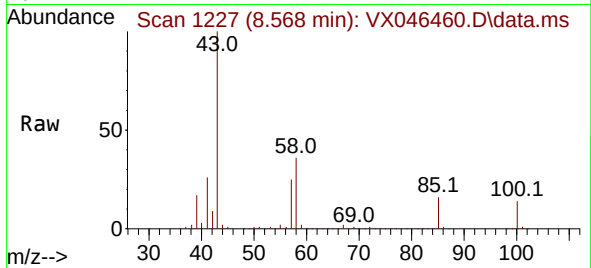




#51
4-Methyl-2-Pentanone
Concen: 260.992 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

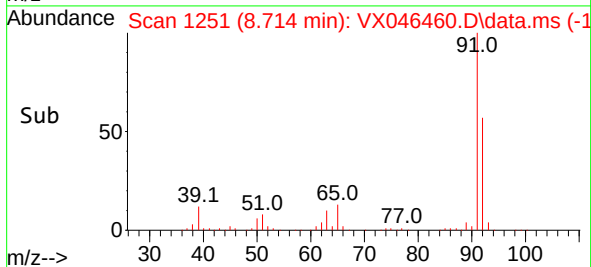
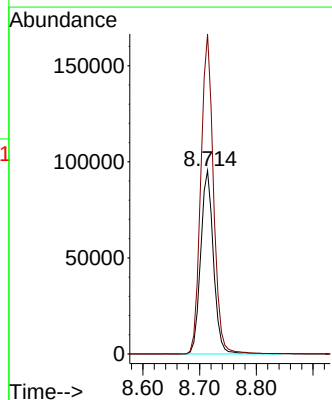
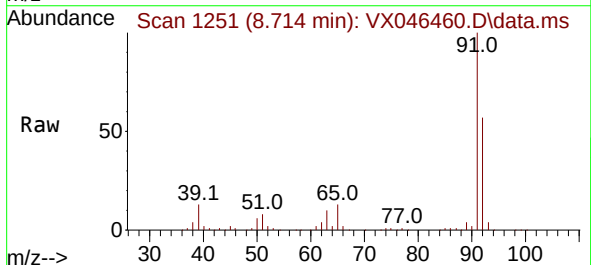
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

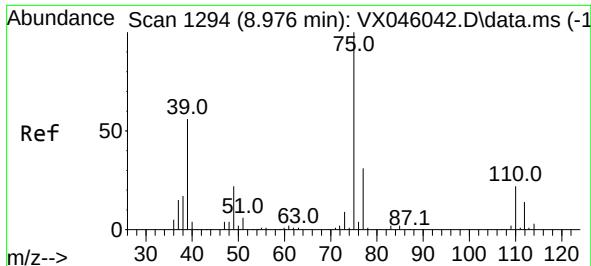
Tgt Ion: 43 Resp: 526838
Ion Ratio Lower Upper
43 100
58 35.7 28.9 43.3



#52
Toluene
Concen: 51.533 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 92 Resp: 149333
Ion Ratio Lower Upper
92 100
91 172.9 136.6 205.0

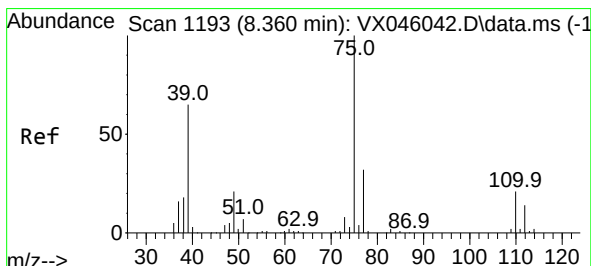
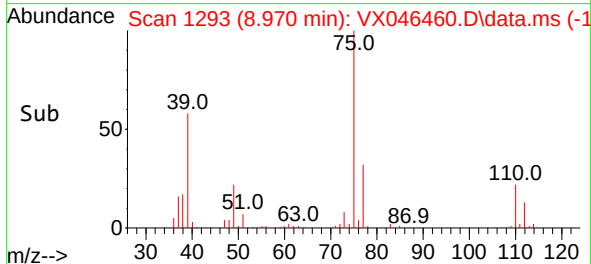
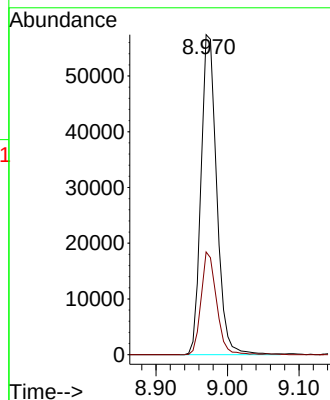
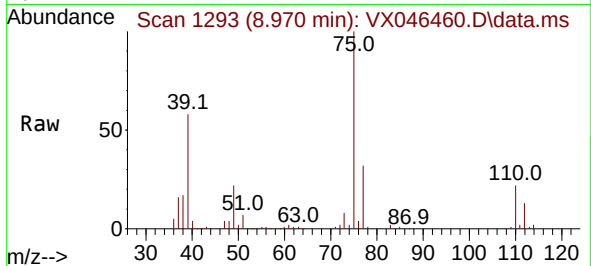




#53
 t-1,3-Dichloropropene
 Concen: 54.108 ug/l
 RT: 8.970 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

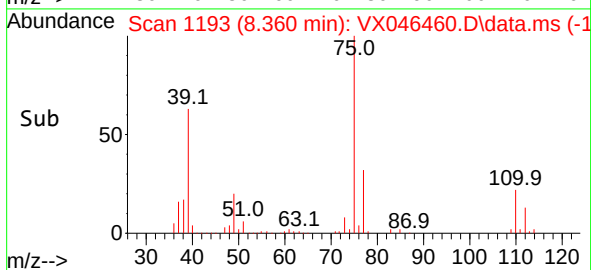
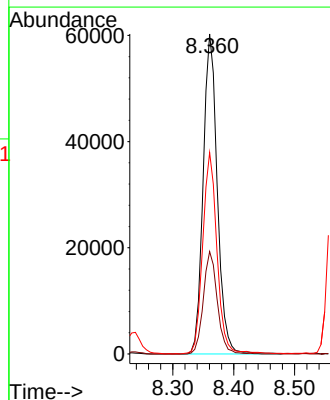
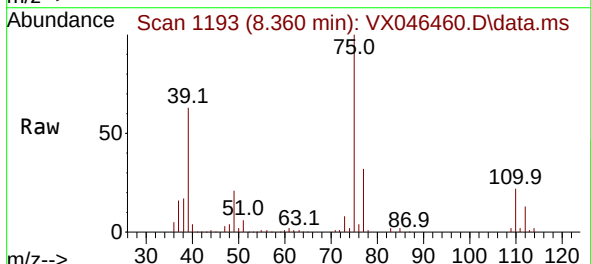
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

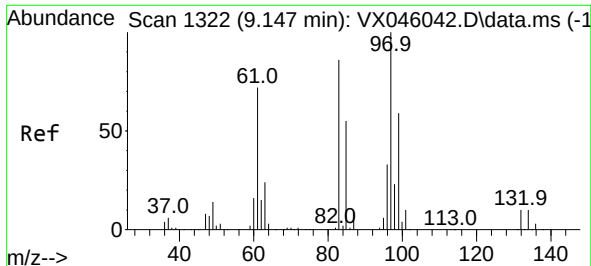
Tgt Ion: 75 Resp: 87793
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.211 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

Tgt Ion: 75 Resp: 97218
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 62.9 52.2 78.4

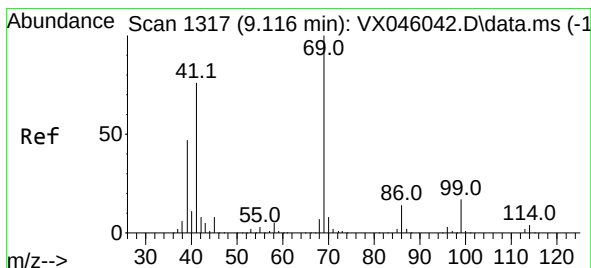
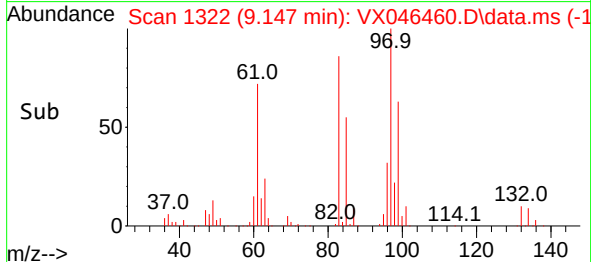
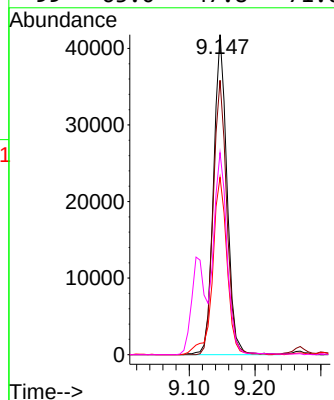
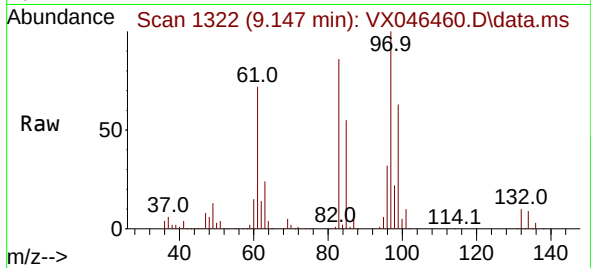




#55
1,1,2-Trichloroethane
Concen: 52.048 ug/l
RT: 9.147 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

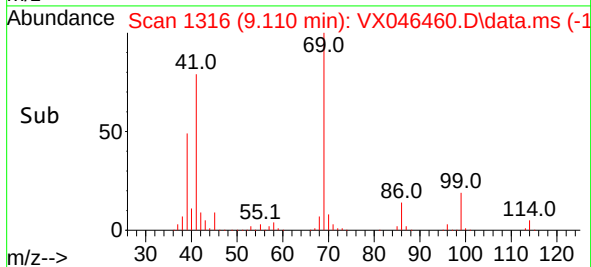
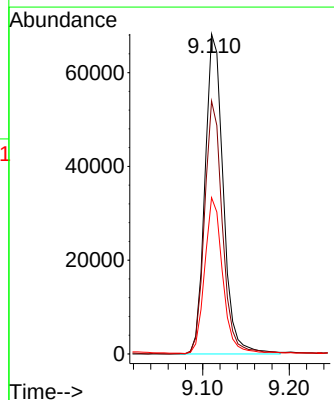
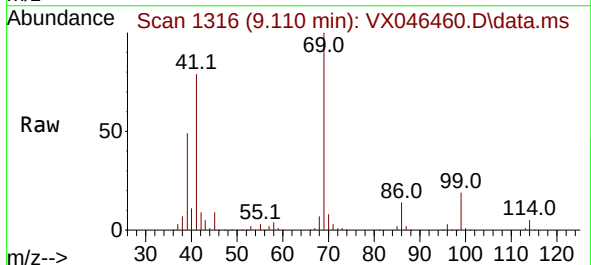
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

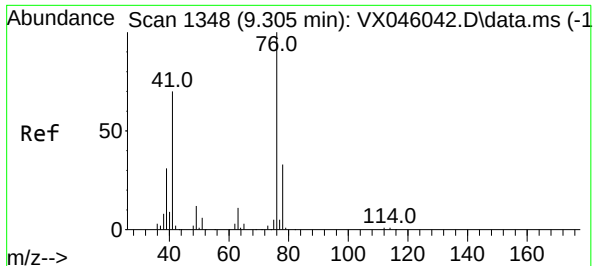
Tgt Ion:	97	Resp:	59472
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.0	103.6
85	55.4	44.3	66.5
99	63.0	47.8	71.6



#56
Ethyl methacrylate
Concen: 54.897 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion:	69	Resp:	99973
Ion	Ratio	Lower	Upper
69	100		
41	77.8	60.8	91.2
39	47.9	39.0	58.6





#57

1,3-Dichloropropane

Concen: 51.721 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

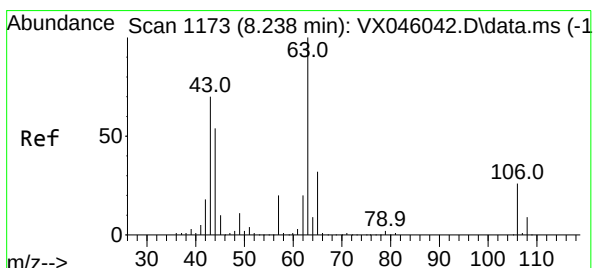
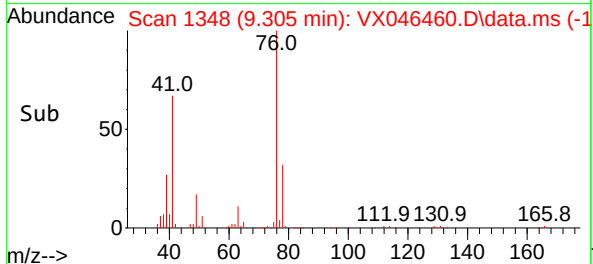
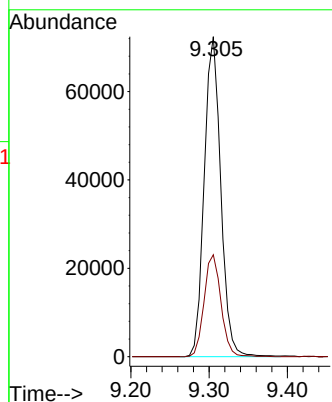
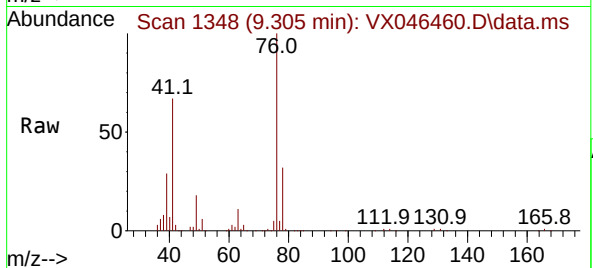
VSTDCCC050

Tgt Ion: 76 Resp: 106135

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 259.915 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046460.D

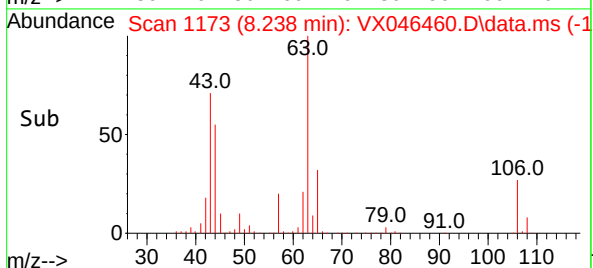
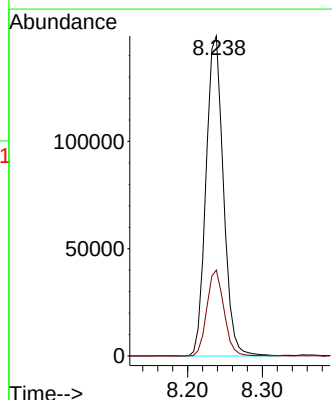
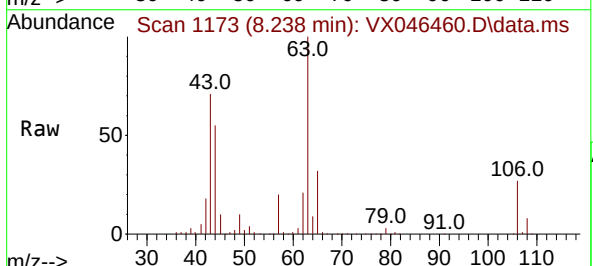
Acq: 03 Jun 2025 10:10

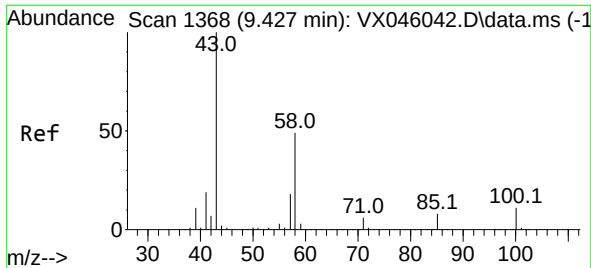
Tgt Ion: 63 Resp: 241312

Ion Ratio Lower Upper

63 100

106 26.4 21.5 32.3

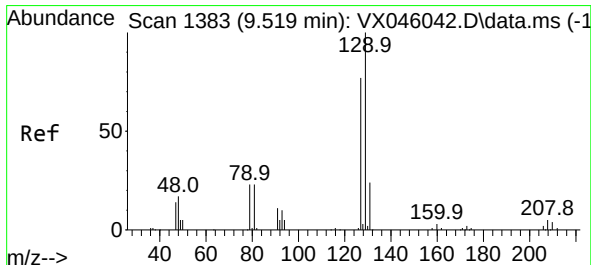
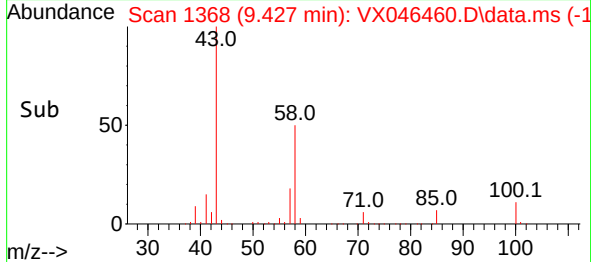
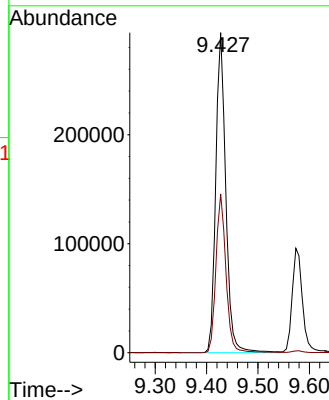
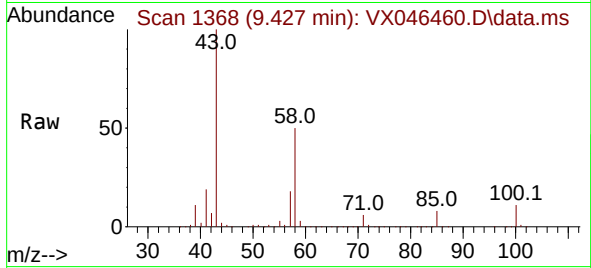




#59
2-Hexanone
Concen: 267.150 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

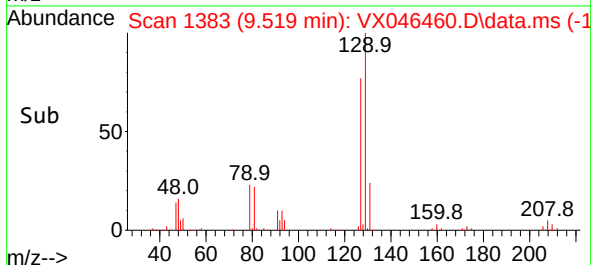
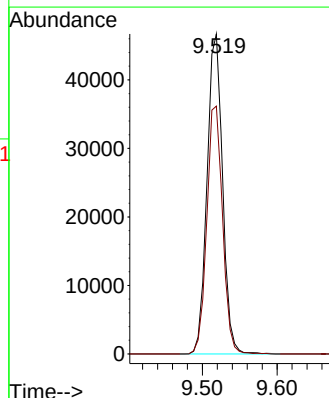
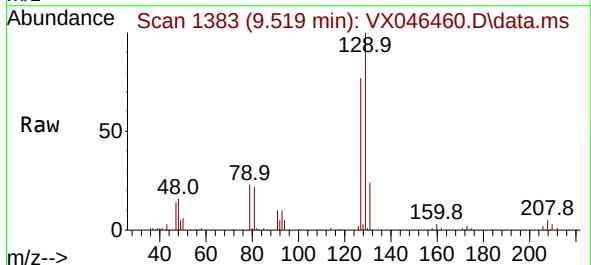
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

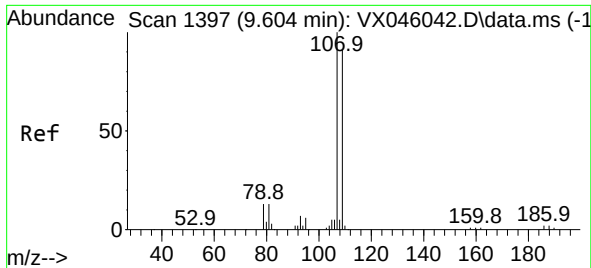
Tgt Ion: 43 Resp: 398970
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6



#60
Dibromochloromethane
Concen: 53.611 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 129 Resp: 67274
Ion Ratio Lower Upper
129 100
127 78.8 39.3 117.8

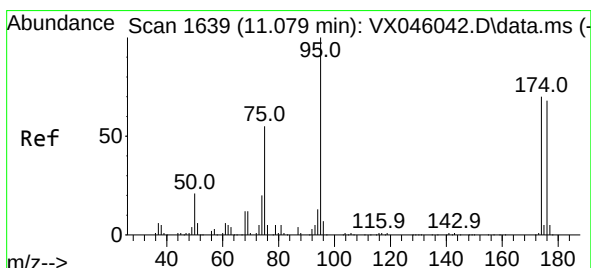
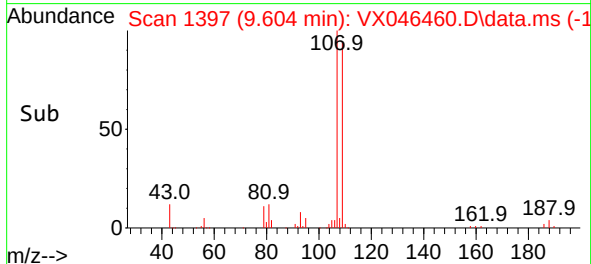
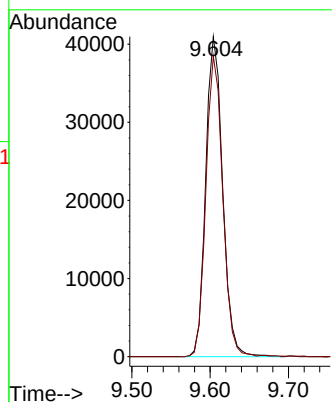
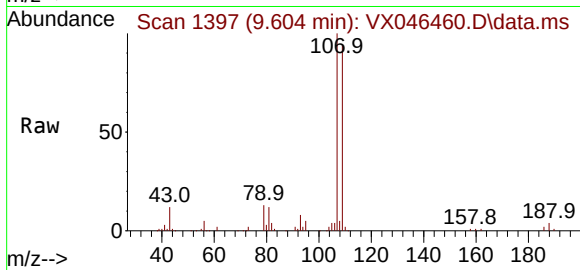




#61
1,2-Dibromoethane
Concen: 51.700 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

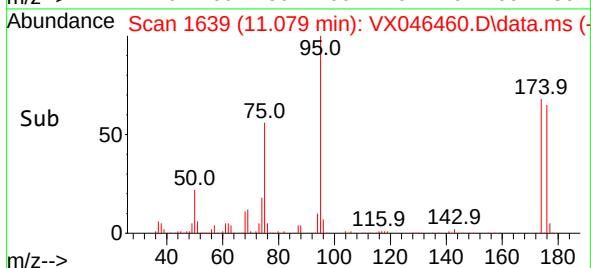
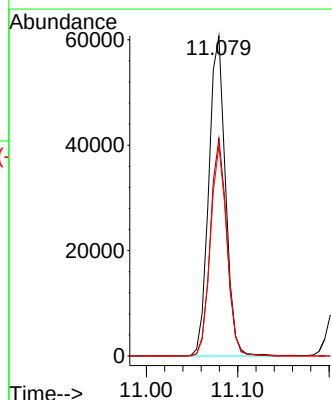
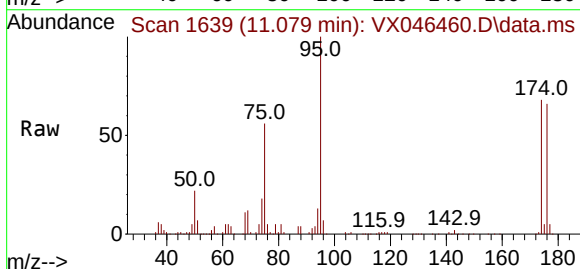
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

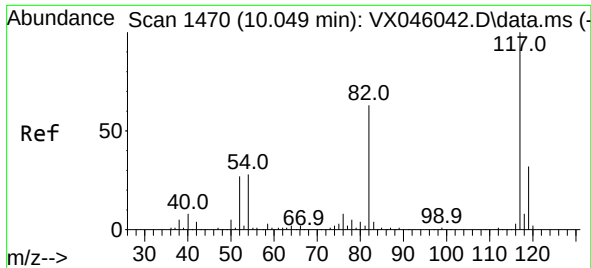
Tgt Ion:107 Resp: 61399
Ion Ratio Lower Upper
107 100
109 93.9 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 48.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 95 Resp: 76697
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 65.1 0.0 131.4

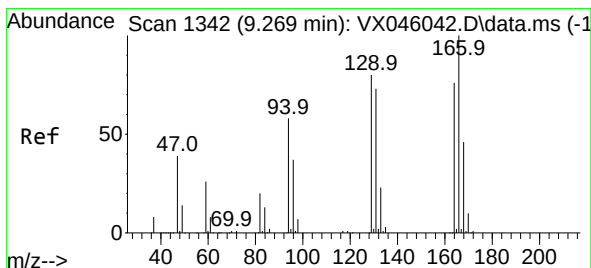
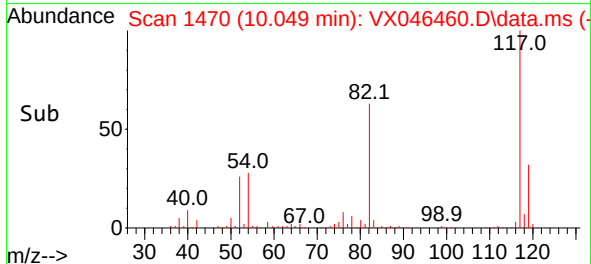
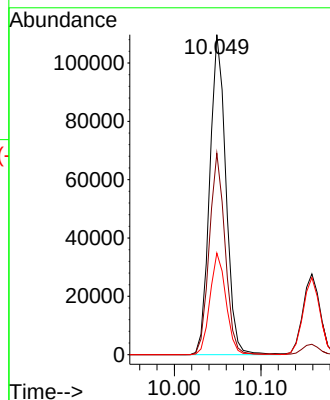
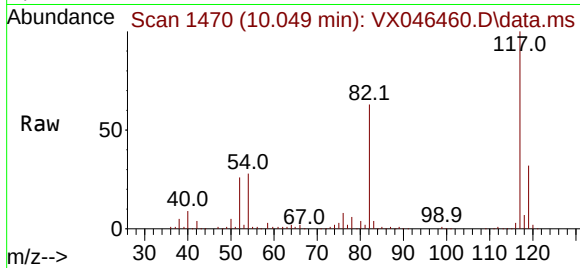




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

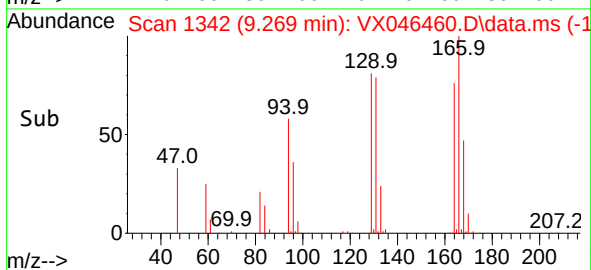
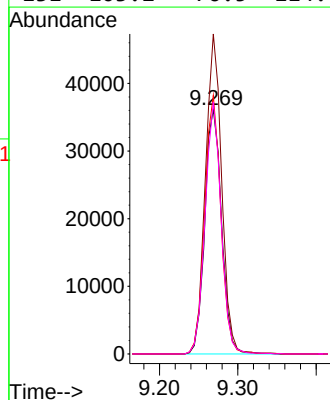
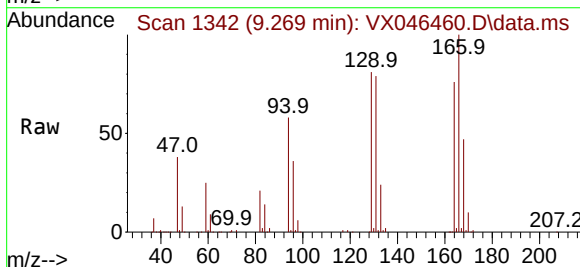
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

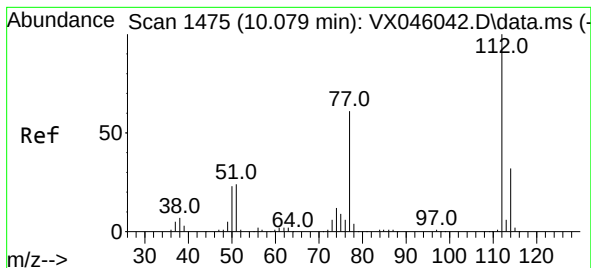
Tgt Ion:117 Resp: 142113
Ion Ratio Lower Upper
117 100
82 62.9 50.6 76.0
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 53.421 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion:164 Resp: 53715
Ion Ratio Lower Upper
164 100
166 131.0 105.0 157.6
129 105.9 83.5 125.3
131 103.2 76.5 114.7

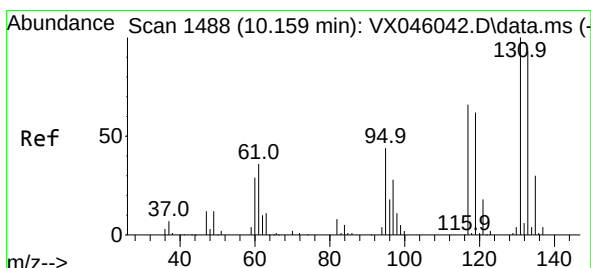
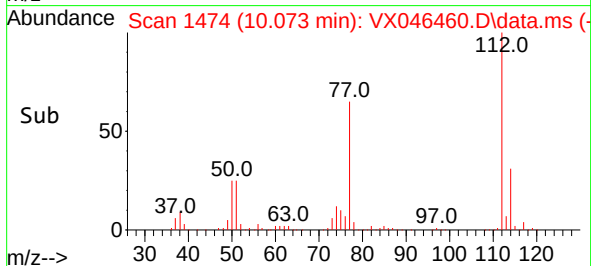
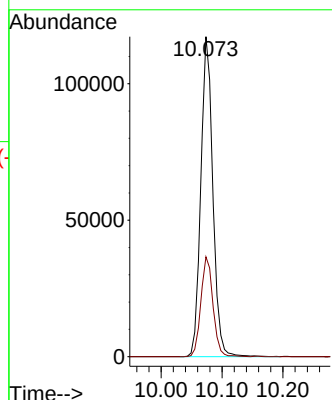
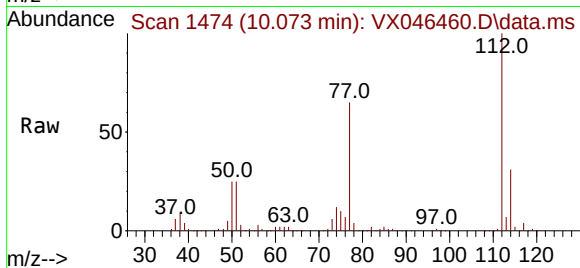




#65
Chlorobenzene
Concen: 51.739 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

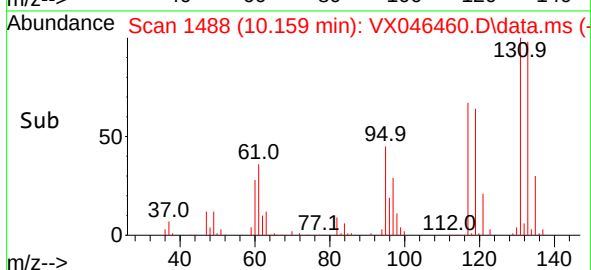
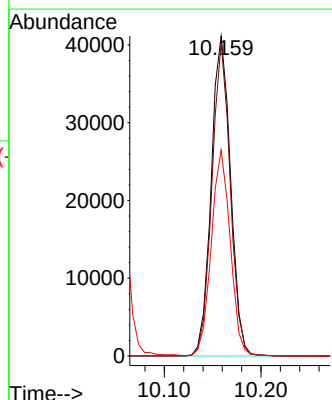
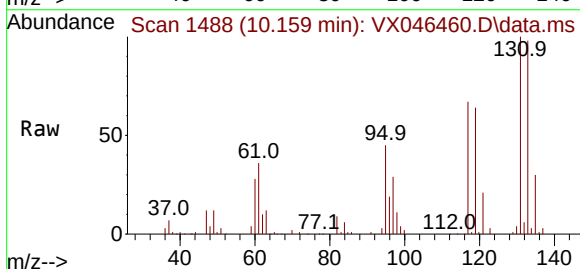
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

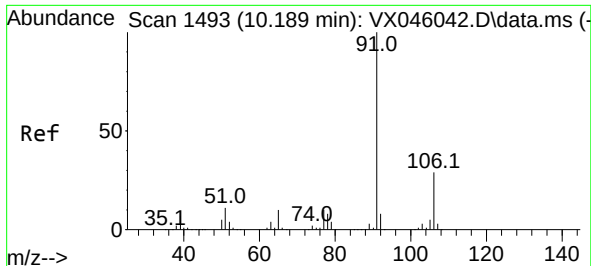
Tgt Ion:112 Resp: 160933
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.780 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion:131 Resp: 57122
Ion Ratio Lower Upper
131 100
133 93.1 47.3 141.9
119 63.0 31.6 95.0





#67

Ethyl Benzene

Concen: 54.286 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

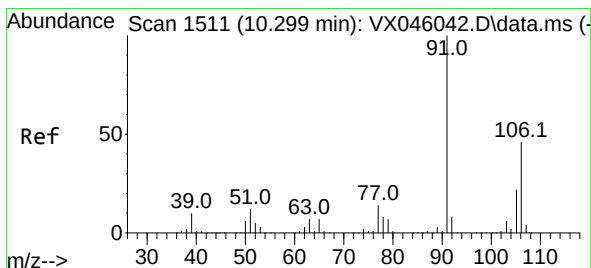
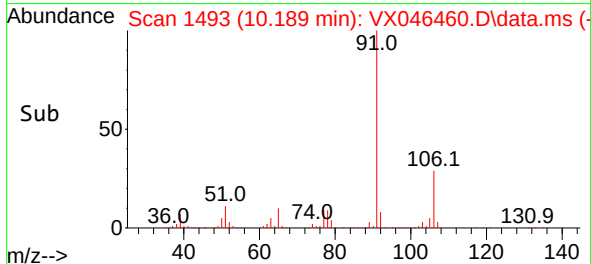
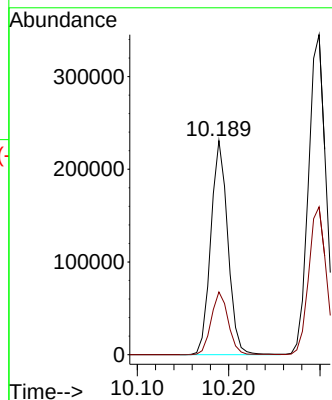
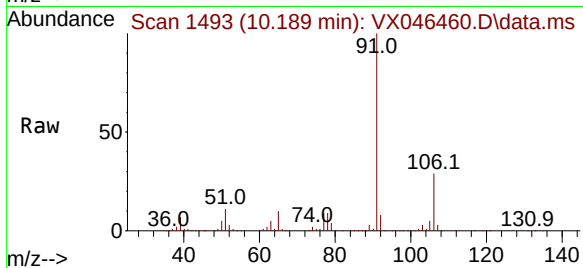
VSTDCCC050

Tgt Ion: 91 Resp: 297648

Ion Ratio Lower Upper

91 100

106 29.3 23.4 35.2



#68

m/p-Xylenes

Concen: 106.866 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX046460.D

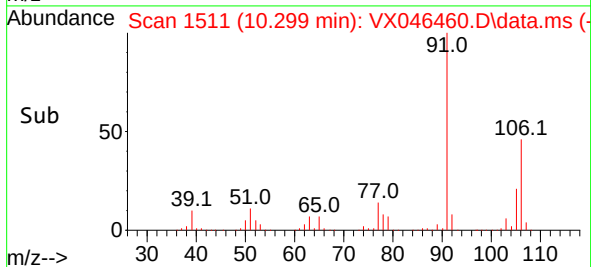
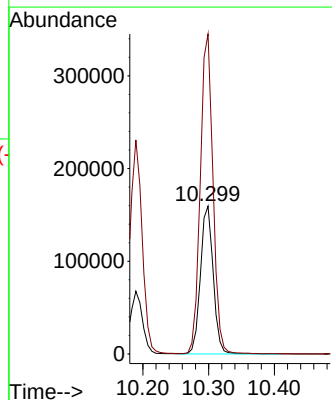
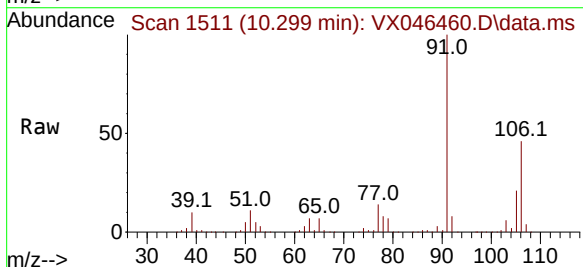
Acq: 03 Jun 2025 10:10

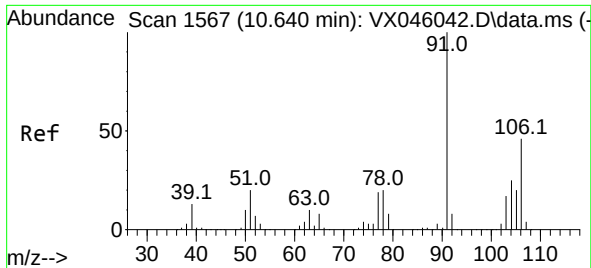
Tgt Ion: 106 Resp: 214306

Ion Ratio Lower Upper

106 100

91 216.3 171.2 256.8

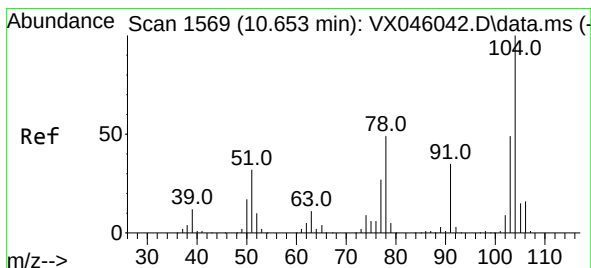
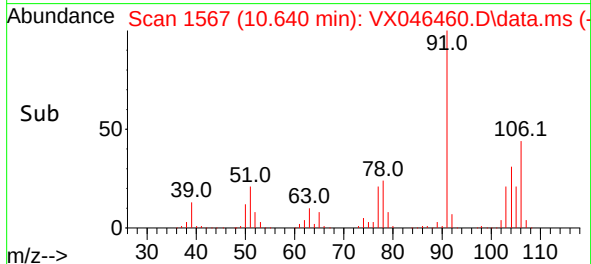
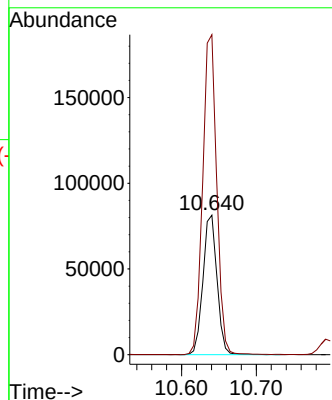
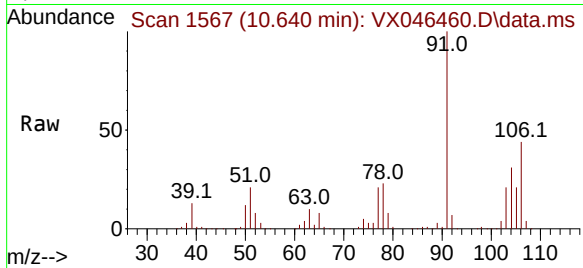




#69
o-Xylene
Concen: 54.285 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

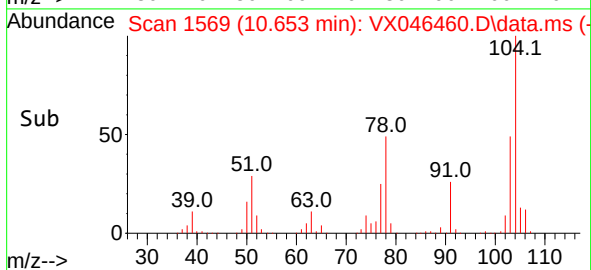
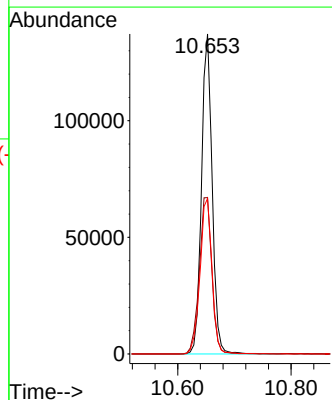
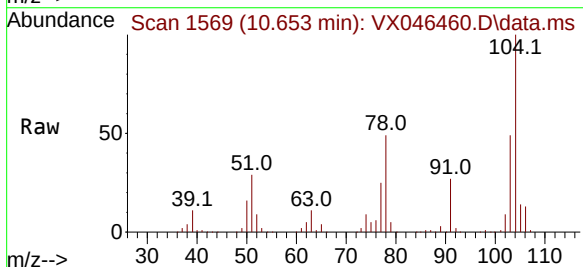
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

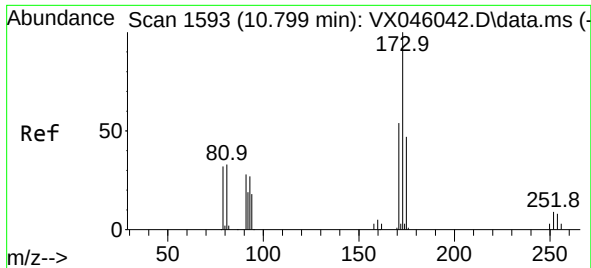
Tgt Ion:106 Resp: 106129
Ion Ratio Lower Upper
106 100
91 229.8 112.7 338.1



#70
Styrene
Concen: 55.756 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion:104 Resp: 178562
Ion Ratio Lower Upper
104 100
78 57.7 45.7 68.5
103 54.8 43.7 65.5

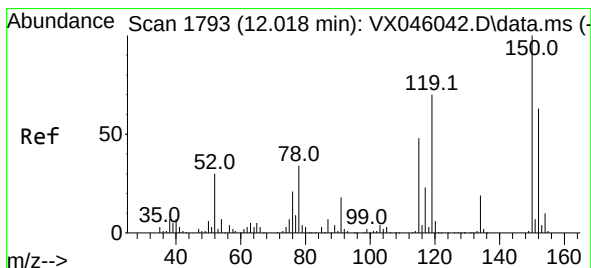
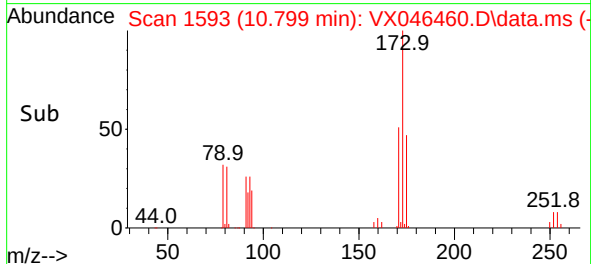
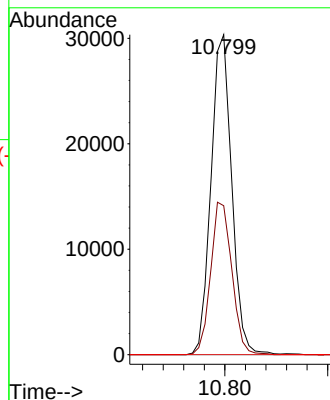
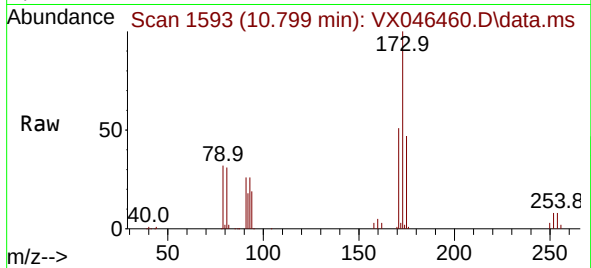




#71
Bromoform
Concen: 53.221 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

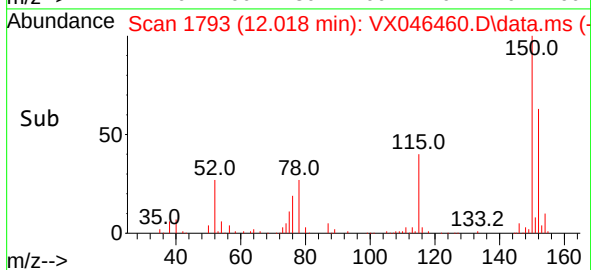
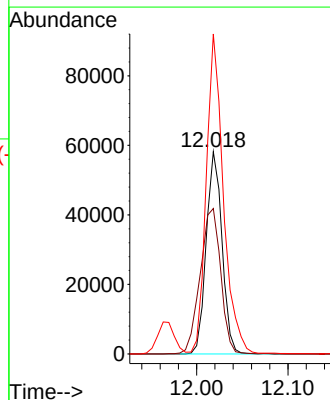
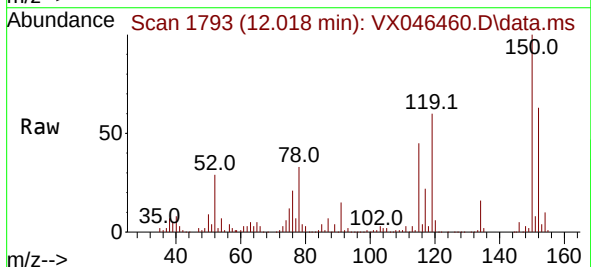
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

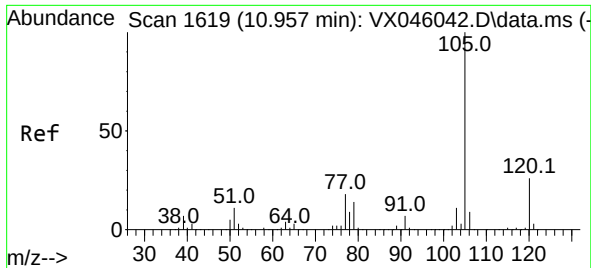
Tgt Ion:173 Resp: 42440
Ion Ratio Lower Upper
173 100
175 48.7 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion:152 Resp: 69603
Ion Ratio Lower Upper
152 100
115 93.8 46.9 140.7
150 172.1 0.0 351.0

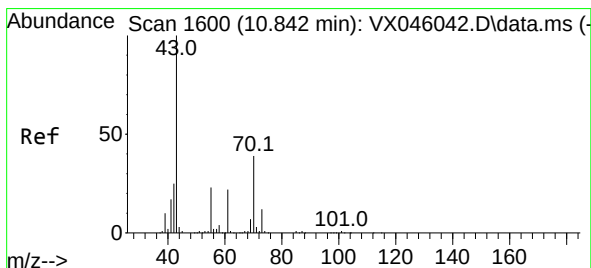
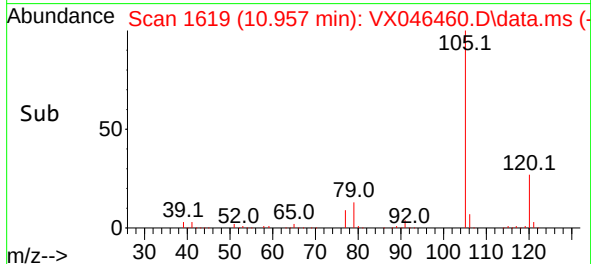
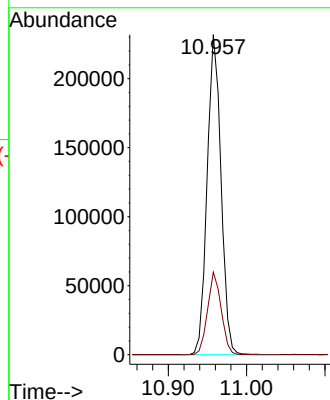
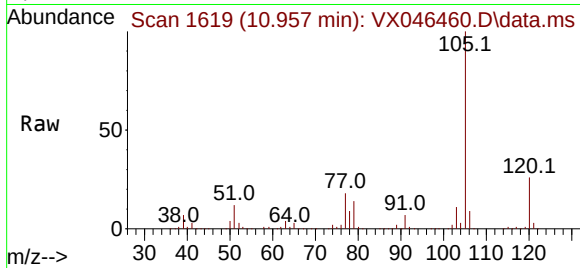




#73
Isopropylbenzene
Concen: 52.417 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

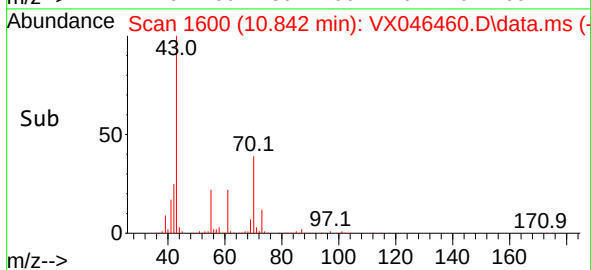
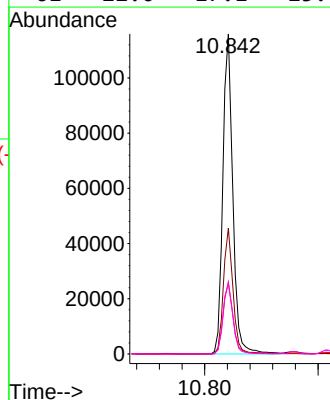
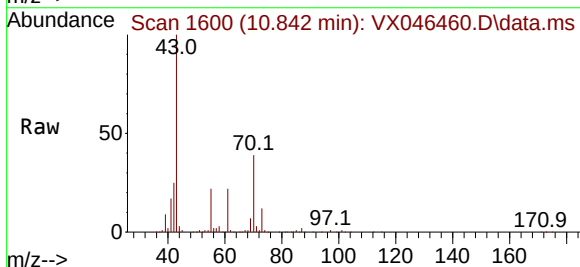
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

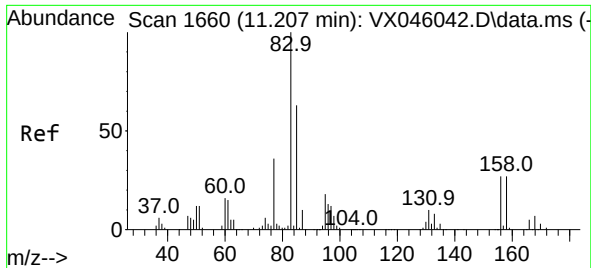
Tgt Ion:105 Resp: 284040
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4



#74
N-ethyl acetate
Concen: 52.800 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 43 Resp: 141380
Ion Ratio Lower Upper
43 100
70 37.7 30.9 46.3
55 22.6 18.7 28.1
61 22.0 17.1 25.7

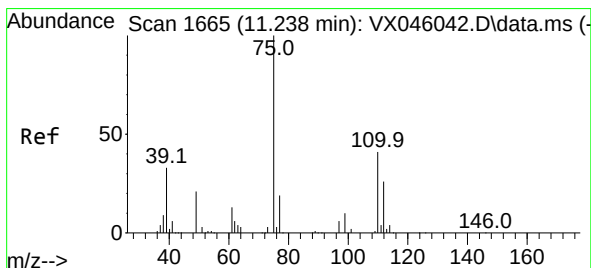
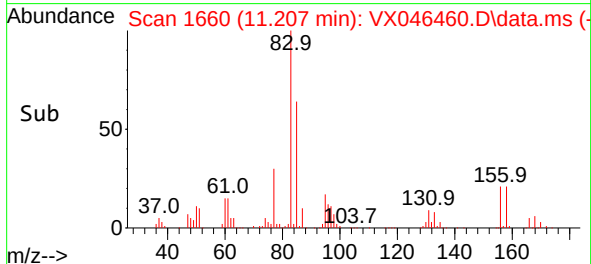
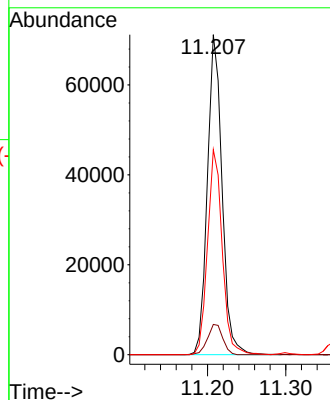
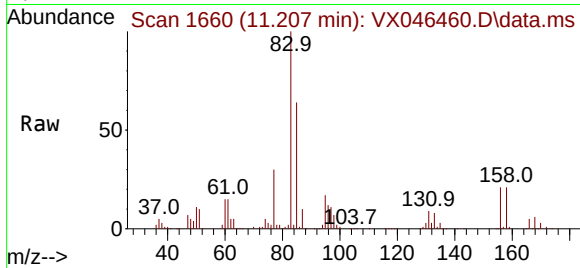




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.548 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

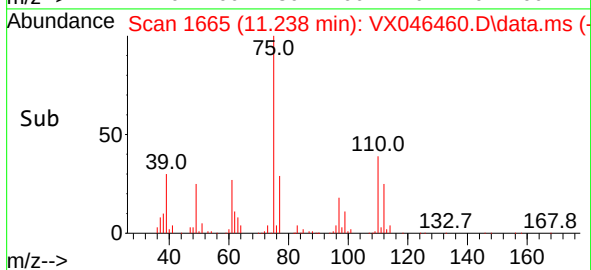
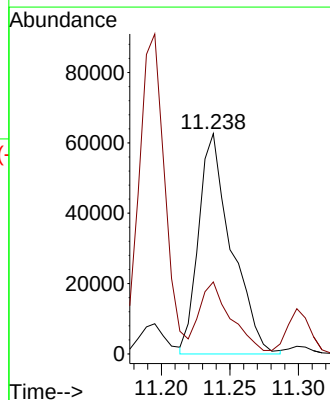
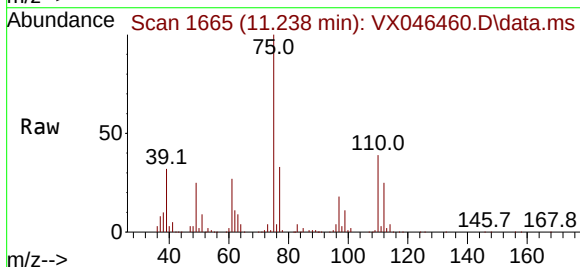
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

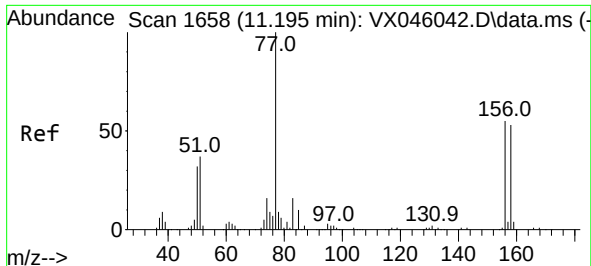
Tgt Ion: 83 Resp: 92189
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 64.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 62.299 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

Tgt Ion: 75 Resp: 104375
 Ion Ratio Lower Upper
 75 100
 77 31.8 20.5 61.5

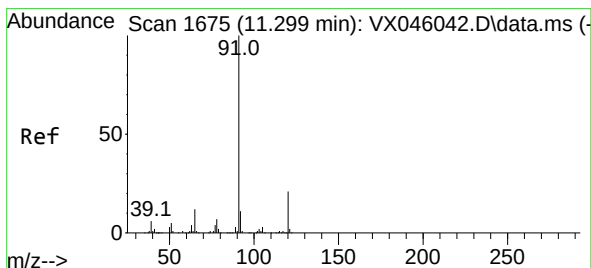
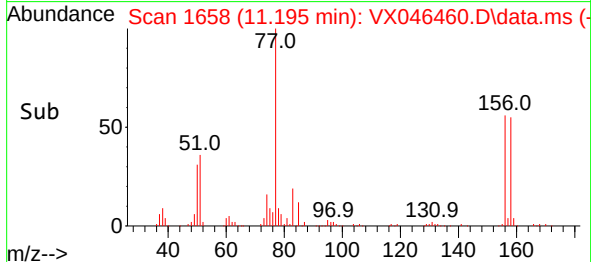
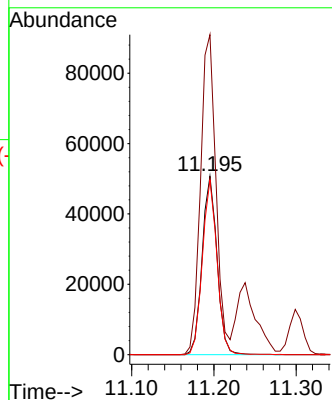
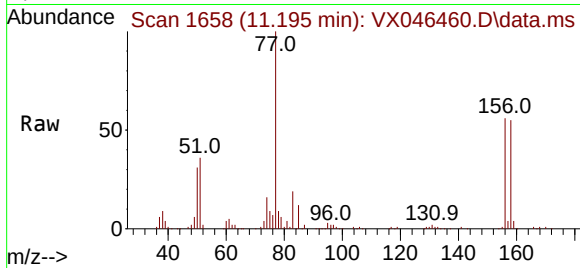




#77
Bromobenzene
Concen: 50.748 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

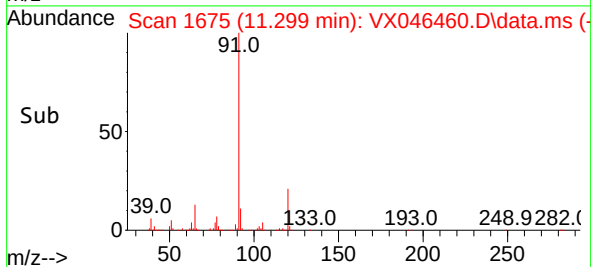
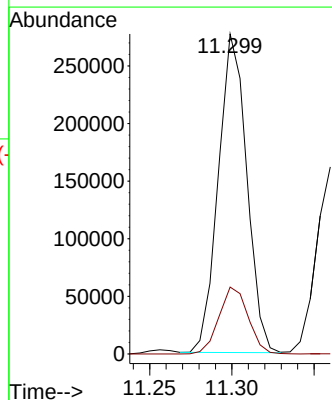
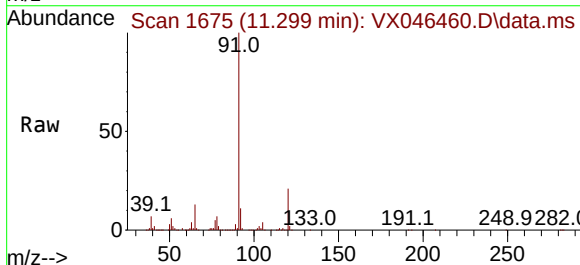
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

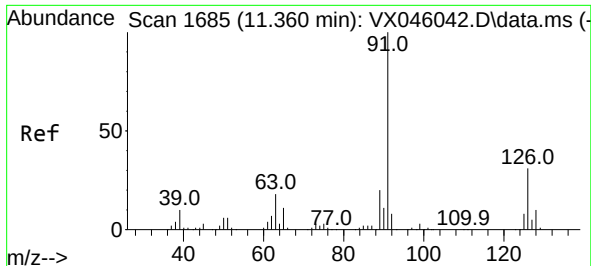
Tgt Ion:156 Resp: 63843
Ion Ratio Lower Upper
156 100
77 186.5 92.8 278.3
158 96.5 48.8 146.3



#78
n-propylbenzene
Concen: 52.818 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 91 Resp: 332789
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4

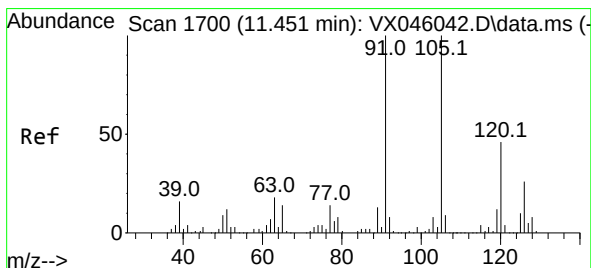
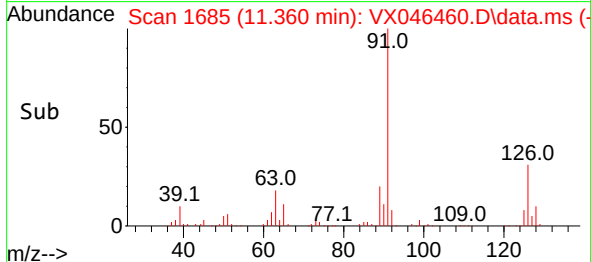
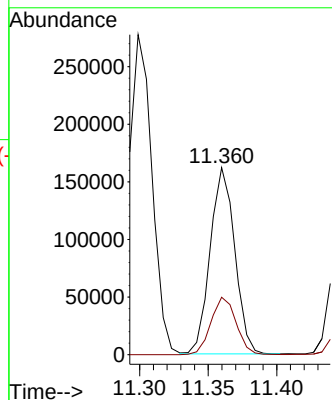
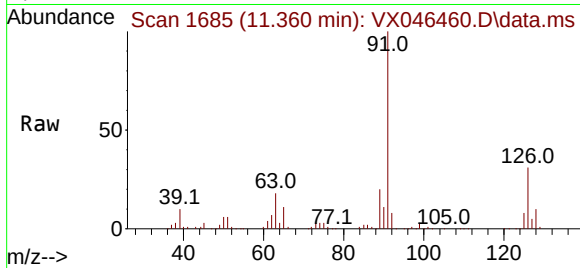




#79
2-Chlorotoluene
Concen: 49.667 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

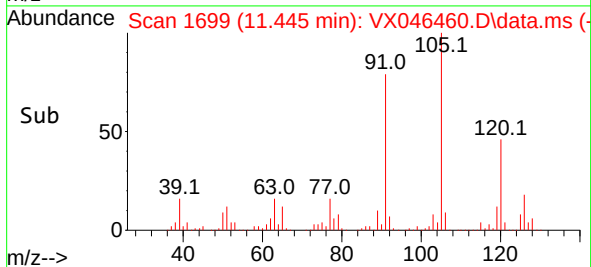
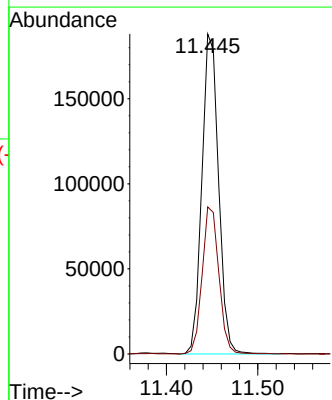
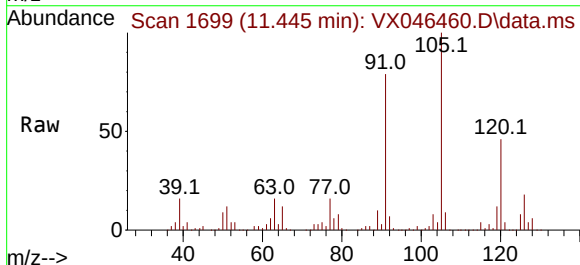
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

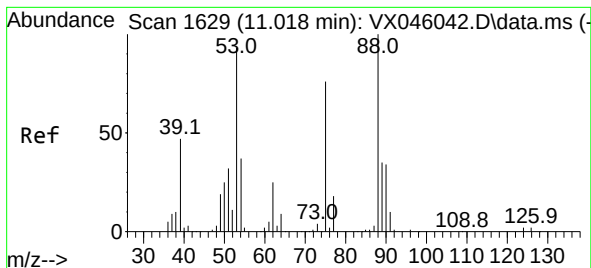
Tgt Ion: 91 Resp: 201843
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 52.595 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 105 Resp: 238098
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2

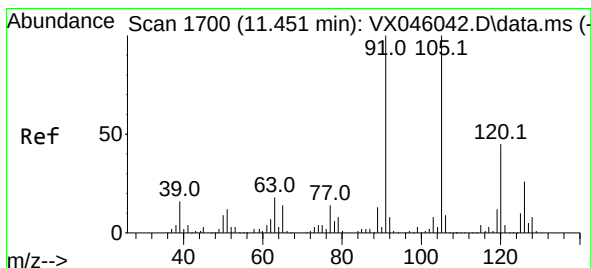
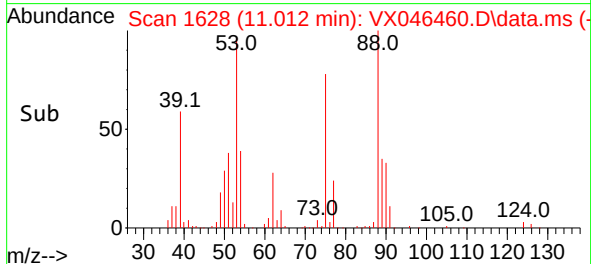
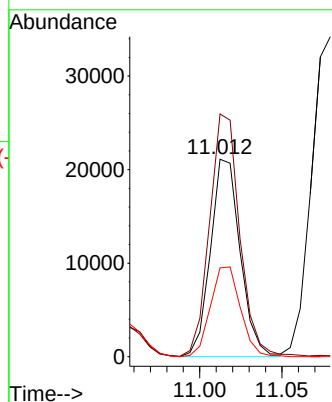
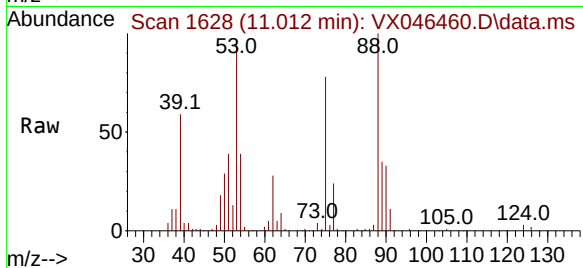




#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.539 ug/l
 RT: 11.012 min Scan# 1628
 Delta R.T. -0.006 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

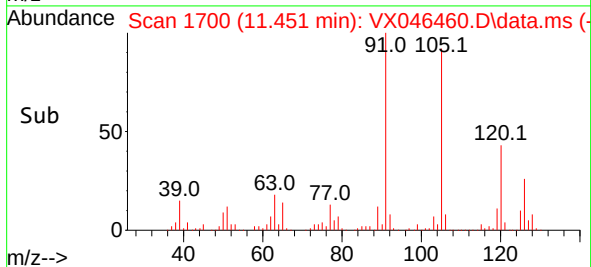
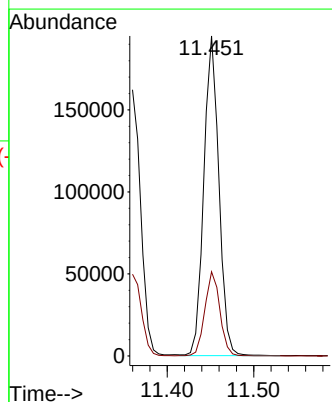
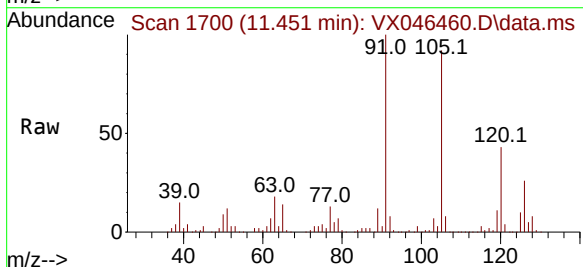
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

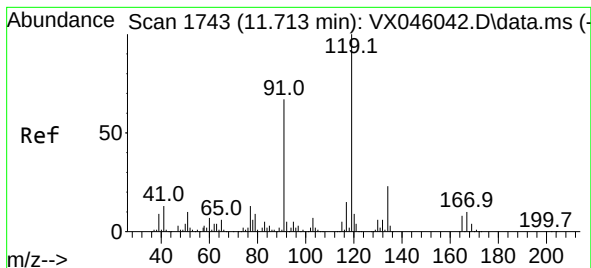
Tgt Ion: 75 Resp: 26522
 Ion Ratio Lower Upper
 75 100
 53 123.8 100.5 150.7
 89 45.9 37.0 55.6



#82
 4-Chlorotoluene
 Concen: 52.097 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

Tgt Ion: 91 Resp: 234790
 Ion Ratio Lower Upper
 91 100
 126 26.5 13.3 39.8





#83

tert-Butylbenzene

Concen: 51.573 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

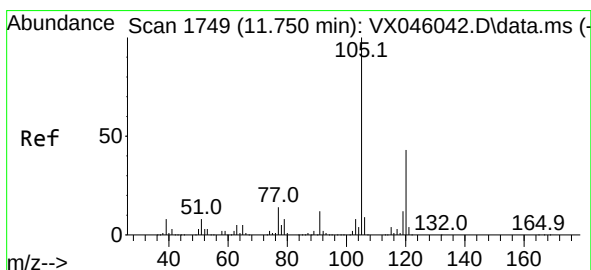
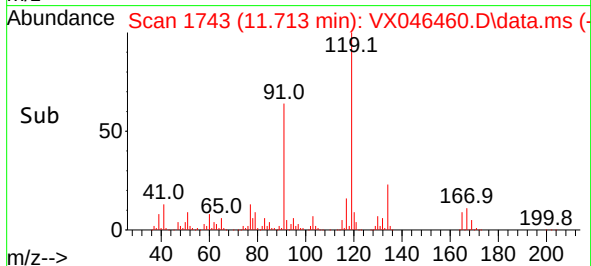
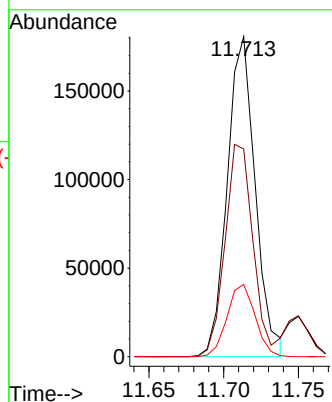
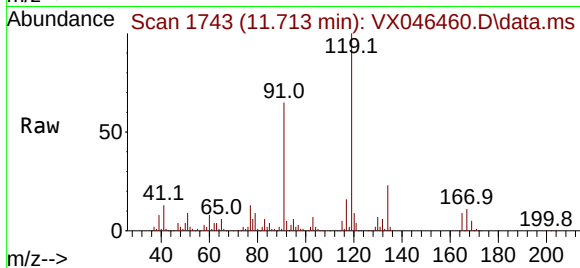
Tgt Ion:119 Resp: 235173

Ion Ratio Lower Upper

119 100

91 65.9 32.9 98.7

134 22.7 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 52.434 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046460.D

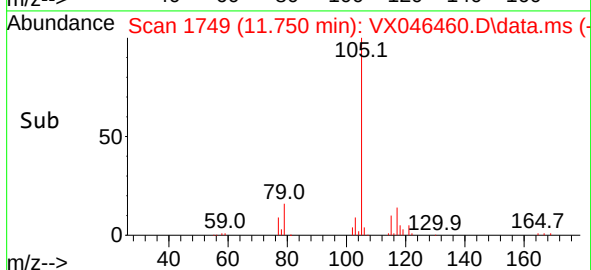
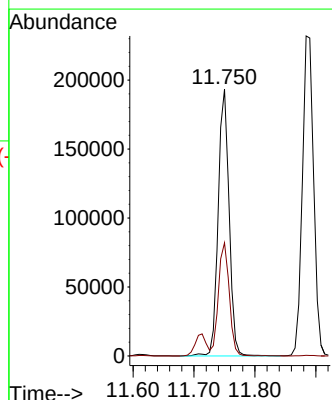
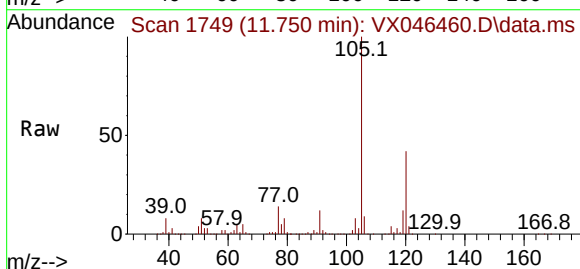
Acq: 03 Jun 2025 10:10

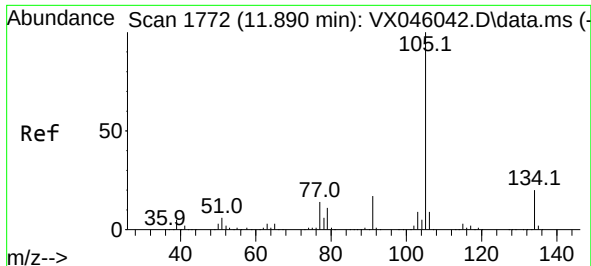
Tgt Ion:105 Resp: 240382

Ion Ratio Lower Upper

105 100

120 42.1 21.2 63.6

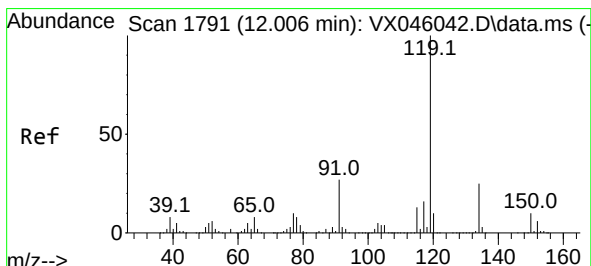
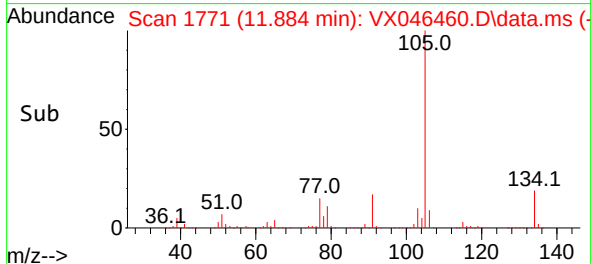
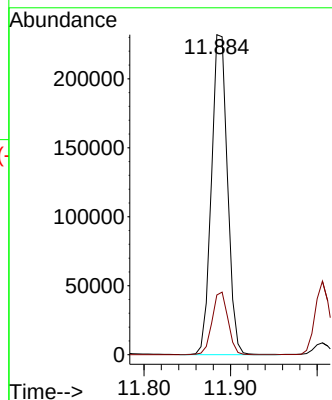
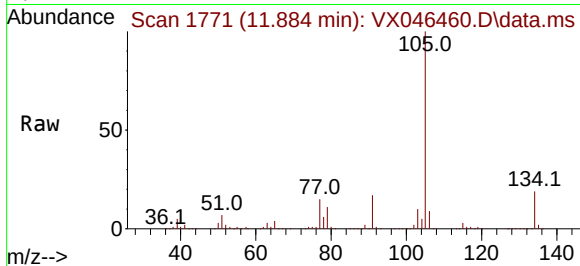




#85
 sec-Butylbenzene
 Concen: 53.233 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

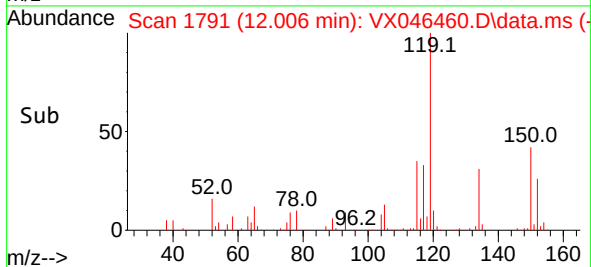
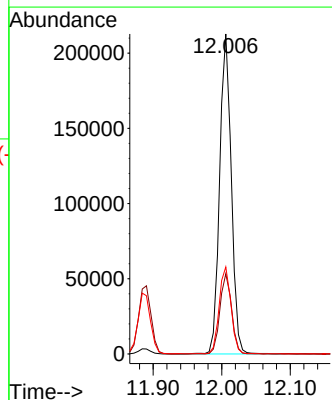
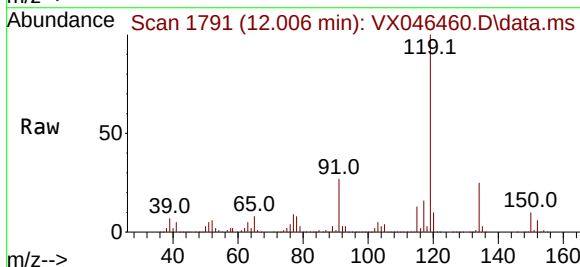
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

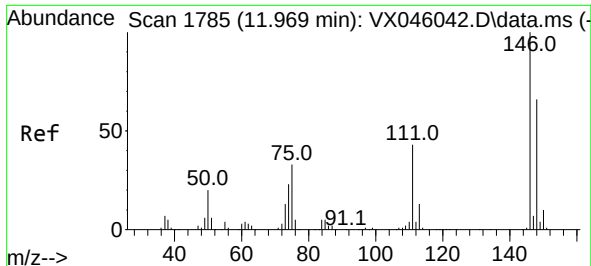
Tgt Ion:105 Resp: 298046
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 53.941 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046460.D
 Acq: 03 Jun 2025 10:10

Tgt Ion:119 Resp: 249289
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.5 37.5
 91 27.7 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 51.669 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

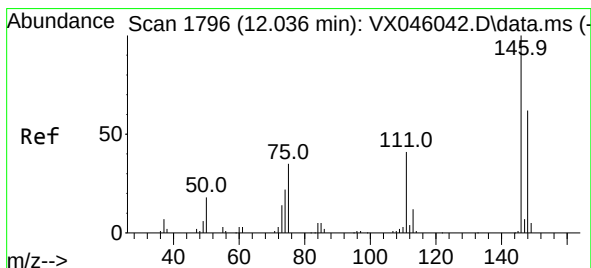
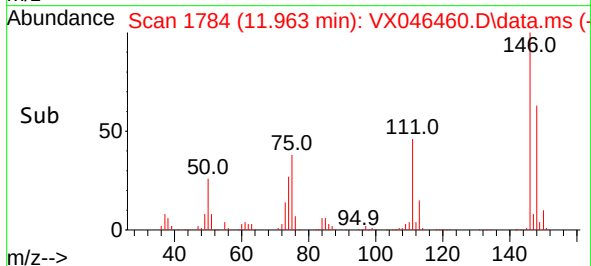
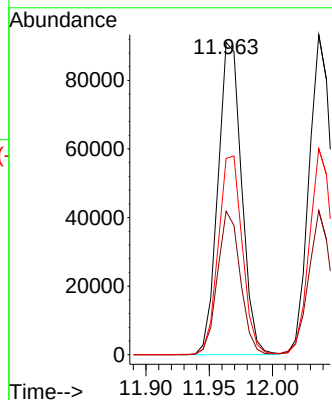
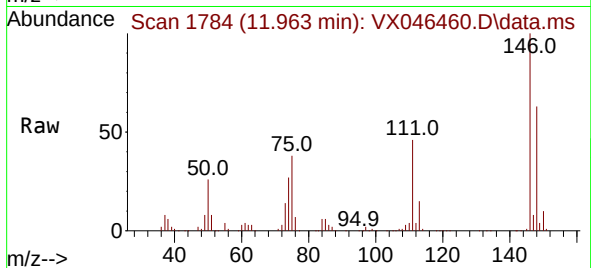
Tgt Ion:146 Resp: 118632

Ion Ratio Lower Upper

146 100

111 44.2 22.1 66.3

148 64.4 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 50.549 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

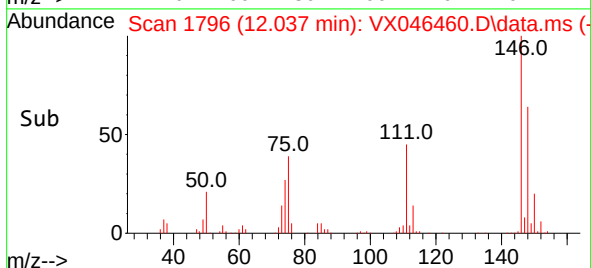
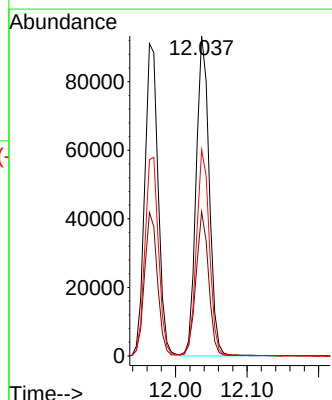
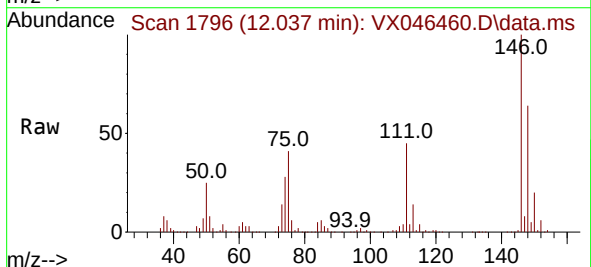
Tgt Ion:146 Resp: 118528

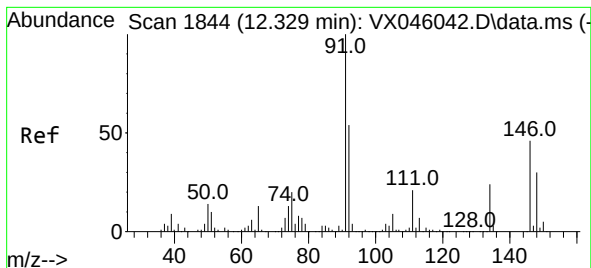
Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.9

148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 56.143 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

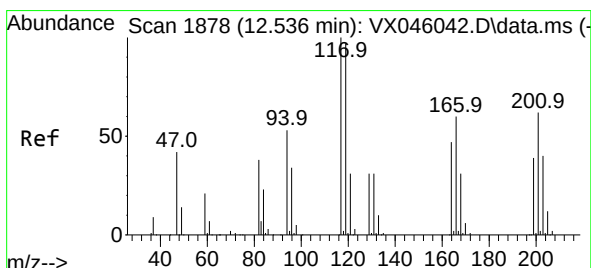
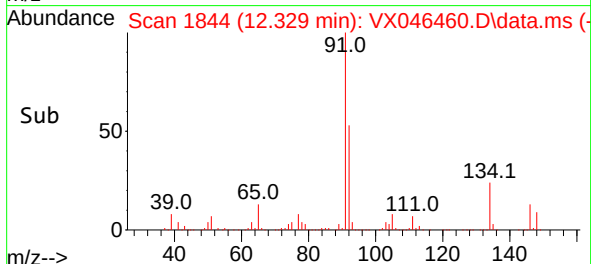
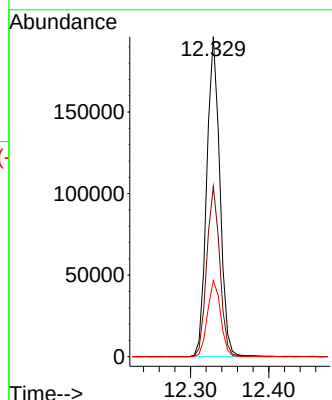
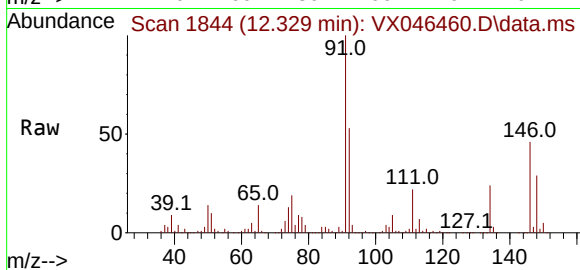
Tgt Ion: 91 Resp: 227595

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.7

134 23.9 11.8 35.3



#90

Hexachloroethane

Concen: 52.082 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046460.D

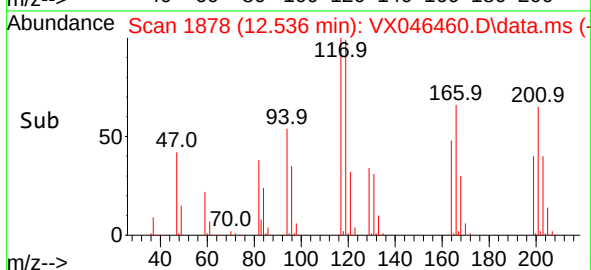
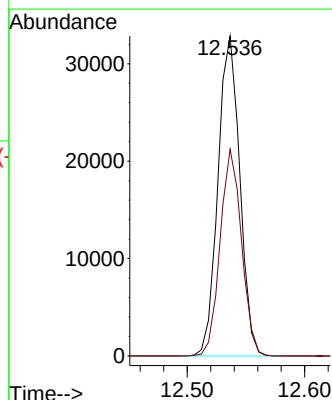
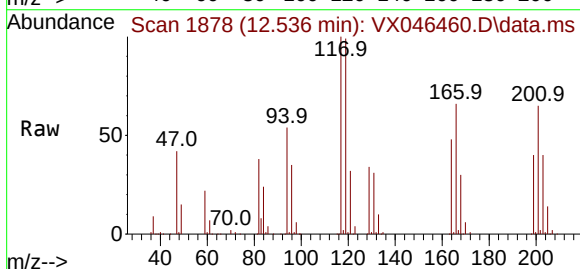
Acq: 03 Jun 2025 10:10

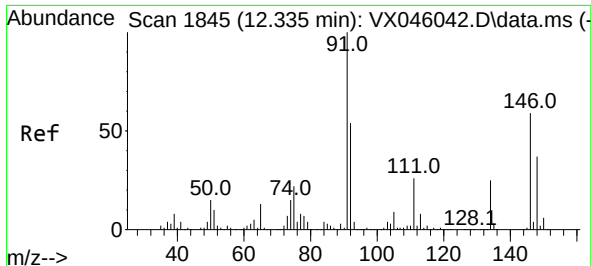
Tgt Ion: 117 Resp: 42405

Ion Ratio Lower Upper

117 100

201 63.3 31.6 94.7

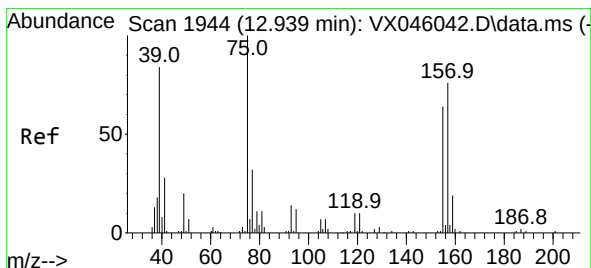
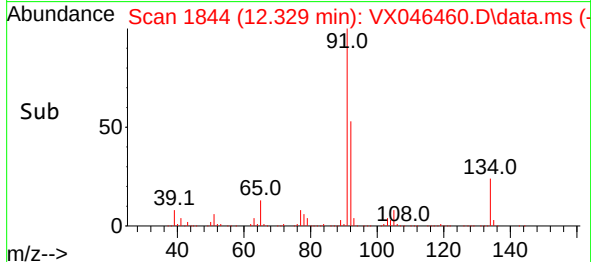
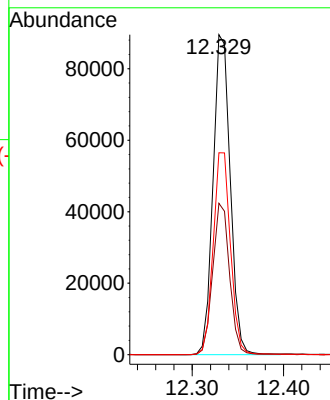
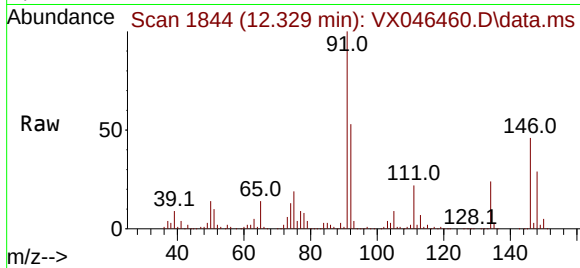




#91
1,2-Dichlorobenzene
Concen: 50.715 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

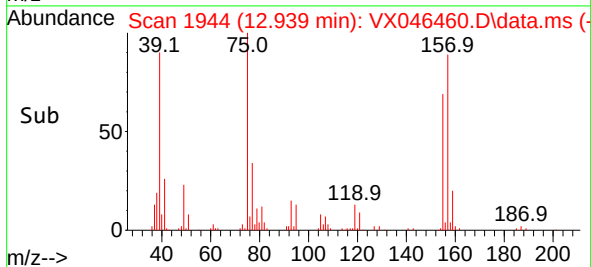
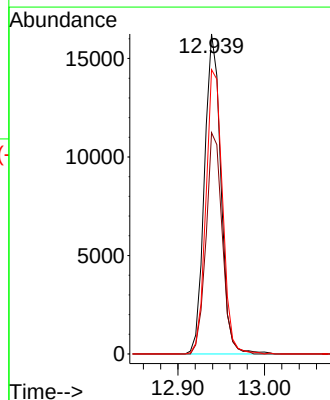
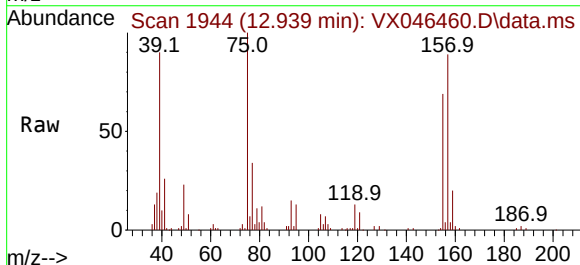
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

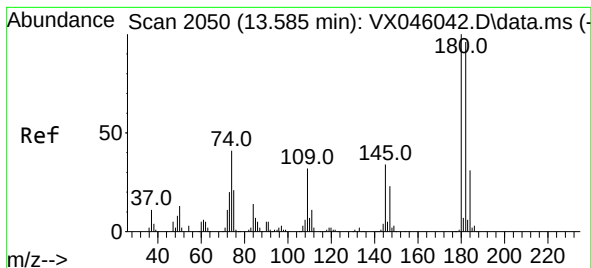
Tgt Ion:146 Resp: 116846
Ion Ratio Lower Upper
146 100
111 46.7 22.4 67.3
148 63.5 31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.916 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion: 75 Resp: 21419
Ion Ratio Lower Upper
75 100
155 68.3 34.9 104.8
157 89.7 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 53.309 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

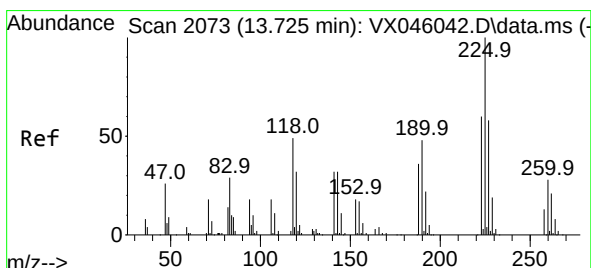
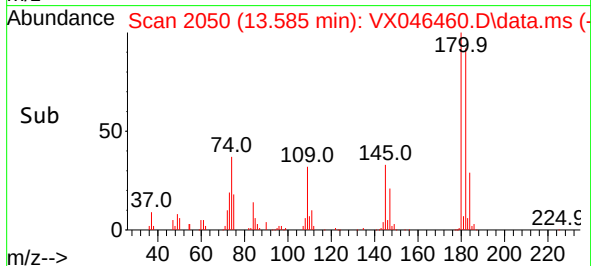
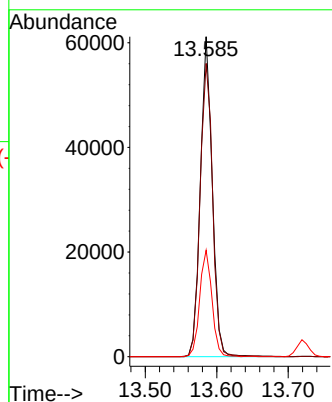
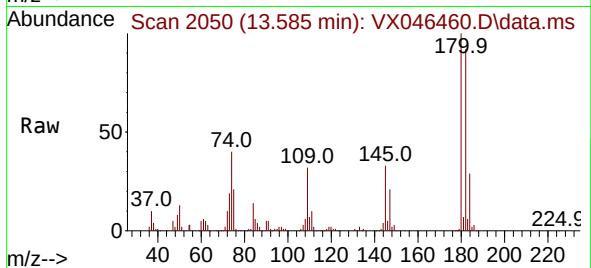
Tgt Ion:180 Resp: 70545

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.8

145 34.0 17.1 51.2



#94

Hexachlorobutadiene

Concen: 53.695 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX046460.D

Acq: 03 Jun 2025 10:10

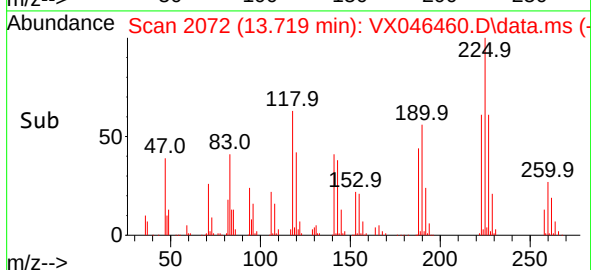
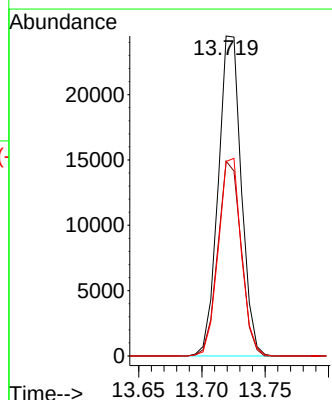
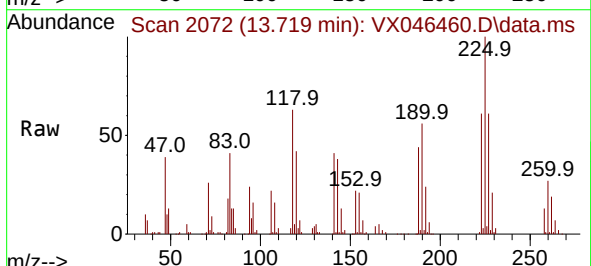
Tgt Ion:225 Resp: 31033

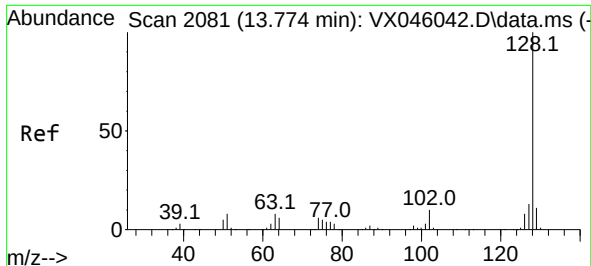
Ion Ratio Lower Upper

225 100

223 61.2 30.8 92.4

227 61.3 30.9 92.7

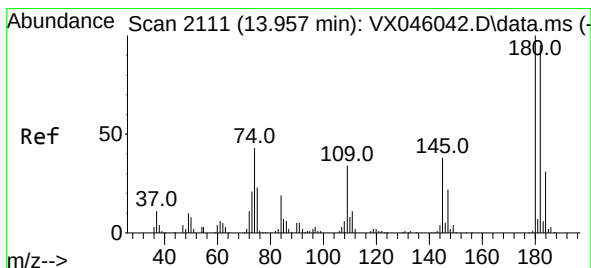
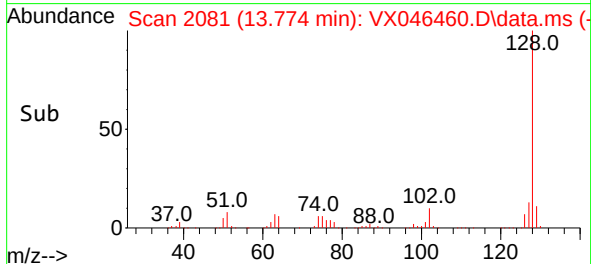
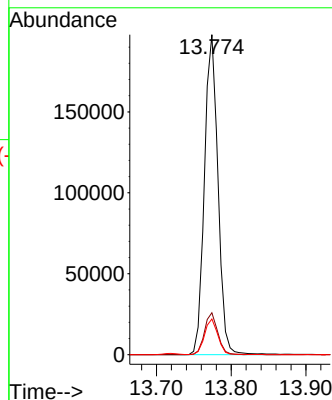
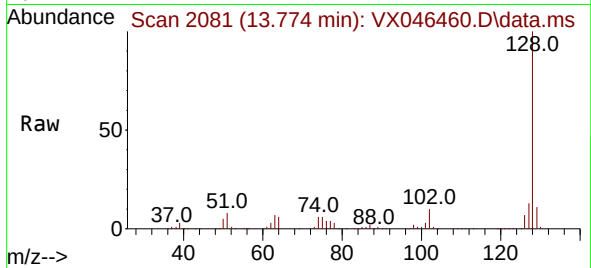




#95
Naphthalene
Concen: 51.231 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 248647
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.322 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046460.D
Acq: 03 Jun 2025 10:10

Tgt Ion:180 Resp: 71443
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.3
145 36.5 18.1 54.3

