

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046198.D
 Acq On : 14 May 2025 16:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 15 01:25:26 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	5.544	168	85833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79790	49.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.720%
35) Dibromofluoromethane	5.385	113	55090	51.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	8.647	98	188999	50.882	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.760%
62) 4-Bromofluorobenzene	11.079	95	74437	52.243	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70669	53.793	ug/l	96
3) Chloromethane	1.307	50	66341	52.073	ug/l	96
4) Vinyl Chloride	1.374	62	60716	51.207	ug/l	97
5) Bromomethane	1.593	94	26244	47.721	ug/l	98
6) Chloroethane	1.666	64	31567	49.871	ug/l	98
7) Trichlorofluoromethane	1.873	101	92636	52.864	ug/l	99
8) Diethyl Ether	2.136	74	30556	51.223	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	56435	52.041	ug/l	98
10) Methyl Iodide	2.440	142	62700	48.863	ug/l	100
11) Tert butyl alcohol	2.983	59	56848	253.085	ug/l	100
12) 1,1-Dichloroethene	2.306	96	51489	50.590	ug/l	94
13) Acrolein	2.239	56	76486	298.999	ug/l	99
14) Allyl chloride	2.654	41	103586	53.254	ug/l	97
15) Acrylonitrile	3.062	53	171631	267.219	ug/l	98
16) Acetone	2.386	43	163733	255.192	ug/l	99
17) Carbon Disulfide	2.501	76	116687	48.359	ug/l	99
18) Methyl Acetate	2.703	43	83166	55.859	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	186360	52.228	ug/l	99
20) Methylene Chloride	2.782	84	61012	49.623	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	53123	51.902	ug/l	96
22) Diisopropyl ether	3.757	45	202684	53.944	ug/l	98
23) Vinyl Acetate	3.721	43	885842	268.057	ug/l	100
24) 1,1-Dichloroethane	3.605	63	110804	52.947	ug/l	99
25) 2-Butanone	4.556	43	250917	269.376	ug/l	98
26) 2,2-Dichloropropane	4.471	77	82794	50.546	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	64538	52.378	ug/l	99
28) Bromochloromethane	4.897	49	52568	52.185	ug/l	98
29) Tetrahydrofuran	5.001	42	158606	271.732	ug/l	97
30) Chloroform	5.086	83	116190	53.267	ug/l	97
31) Cyclohexane	5.464	56	98449	51.624	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	98958	52.335	ug/l	100
36) 1,1-Dichloropropene	5.690	75	74364	51.572	ug/l	99
37) Ethyl Acetate	4.714	43	92458	51.898	ug/l	99
38) Carbon Tetrachloride	5.672	117	84560	52.193	ug/l	99
39) Methylcyclohexane	7.372	83	96364	51.910	ug/l	98
40) Benzene	6.031	78	224316	53.110	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55399	59.445	ug/l	97
42) 1,2-Dichloroethane	6.080	62	97673	53.582	ug/l	100
43) Isopropyl Acetate	6.336	43	147620	54.316	ug/l	99
44) Trichloroethene	7.116	130	52208	51.358	ug/l	97
45) 1,2-Dichloropropane	7.427	63	56889	54.168	ug/l	99
46) Dibromomethane	7.580	93	43857	52.947	ug/l	99
47) Bromodichloromethane	7.818	83	88059	53.976	ug/l	98
48) Methyl methacrylate	7.690	41	78462	56.528	ug/l	98
49) 1,4-Dioxane	7.659	88	29613	1123.637	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	497733	275.897	ug/l	99
52) Toluene	8.714	92	138616	53.523	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	78041	53.818	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	87961	54.882	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	55493	54.342	ug/l	97
56) Ethyl methacrylate	9.116	69	91632	56.301	ug/l	98
57) 1,3-Dichloropropane	9.305	76	98165	53.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	229122	276.135	ug/l	100
59) 2-Hexanone	9.427	43	367908	275.649	ug/l	100
60) Dibromochloromethane	9.518	129	61142	54.519	ug/l	99
61) 1,2-Dibromoethane	9.604	107	57795	54.453	ug/l	98
64) Tetrachloroethene	9.268	164	47064	50.415	ug/l	96
65) Chlorobenzene	10.079	112	150934	52.266	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	51462	52.187	ug/l	98
67) Ethyl Benzene	10.189	91	273809	53.789	ug/l	100
68) m/p-Xylenes	10.299	106	201549	108.255	ug/l	98
69) o-Xylene	10.640	106	99126	54.613	ug/l	99
70) Styrene	10.652	104	166184	55.892	ug/l	98
71) Bromoform	10.799	173	38551	52.072	ug/l #	97
73) Isopropylbenzene	10.957	105	266789	54.243	ug/l	99
74) N-amyl acetate	10.841	43	128395	52.828	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	86930	50.435	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	94535	62.166	ug/l	87
77) Bromobenzene	11.195	156	59987	52.534	ug/l	99
78) n-propylbenzene	11.299	91	307644	53.795	ug/l	100
79) 2-Chlorotoluene	11.360	91	190361	51.606	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	224497	54.635	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22496	48.163	ug/l	97
82) 4-Chlorotoluene	11.451	91	218932	53.520	ug/l	100
83) tert-Butylbenzene	11.713	119	220082	53.174	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	225764	54.256	ug/l	100
85) sec-Butylbenzene	11.890	105	276947	54.497	ug/l	100
86) p-Isopropyltoluene	12.006	119	228723	54.526	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	109378	52.485	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	107183	50.361	ug/l	98
89) n-Butylbenzene	12.329	91	199097	54.109	ug/l	100
90) Hexachloroethane	12.536	117	37492	50.732	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	109382	52.305	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19741	51.701	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	63882	53.185	ug/l	98
94) Hexachlorobutadiene	13.725	225	27158	51.771	ug/l	98
95) Naphthalene	13.774	128	233346	52.969	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	65682	52.997	ug/l	99

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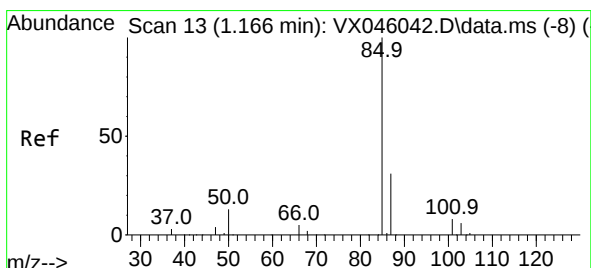
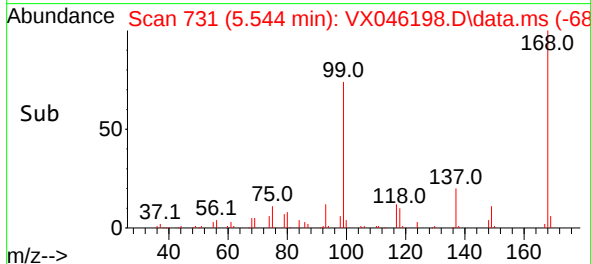
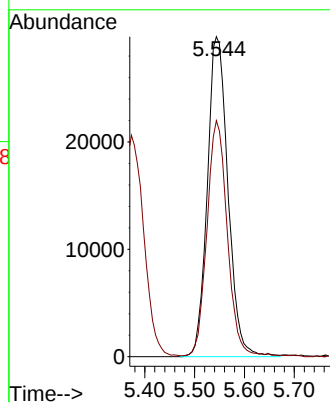
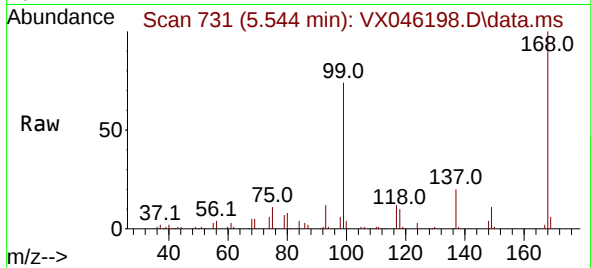
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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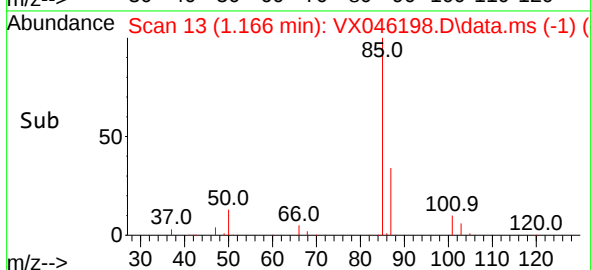
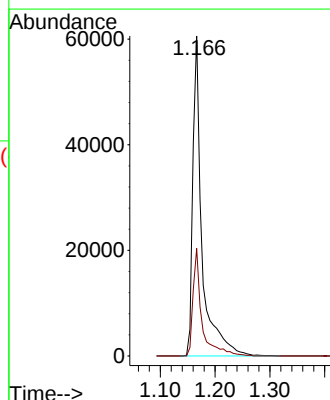
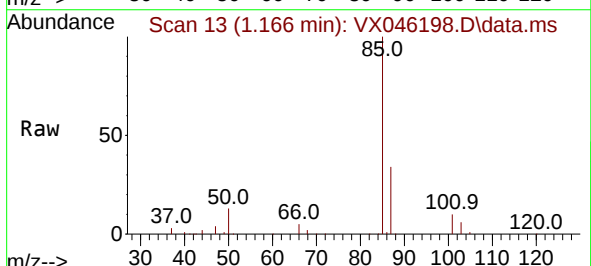
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

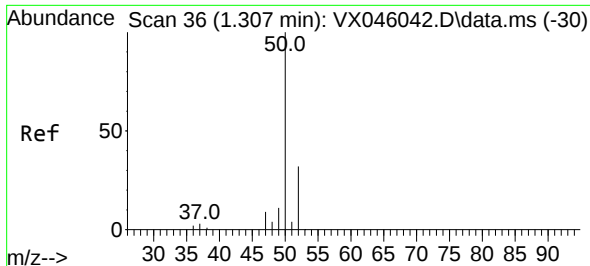
Tgt Ion:168 Resp: 85833
Ion Ratio Lower Upper
168 100
99 73.4 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 53.793 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 85 Resp: 70669
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.1

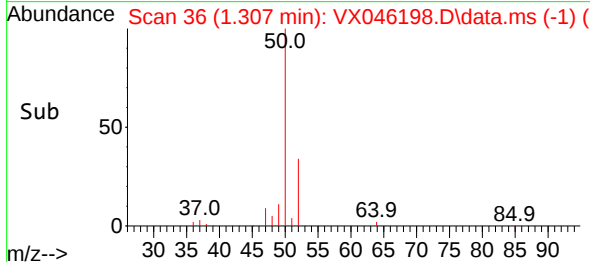
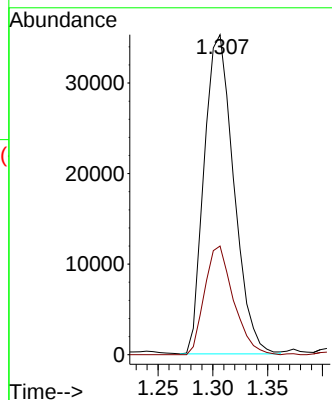
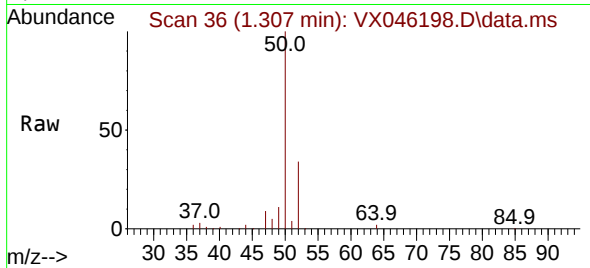




#3
Chloromethane
Concen: 52.073 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

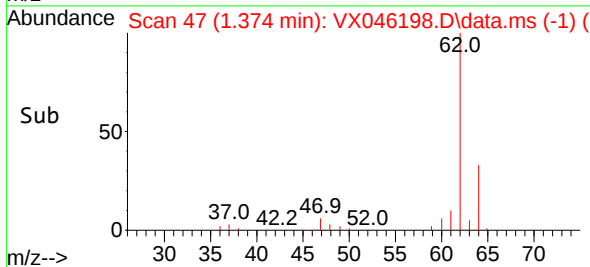
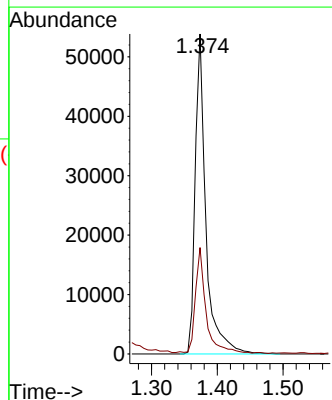
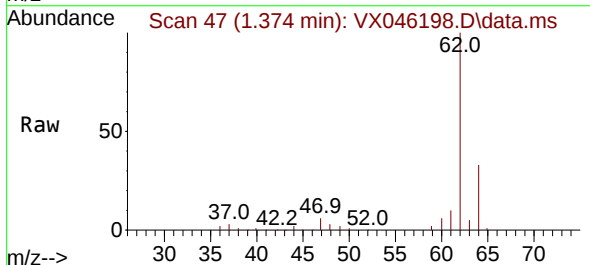
Instrument :
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Tgt Ion: 50 Resp: 66341
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 51.207 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 62 Resp: 60716
Ion Ratio Lower Upper
62 100
64 33.0 25.2 37.8

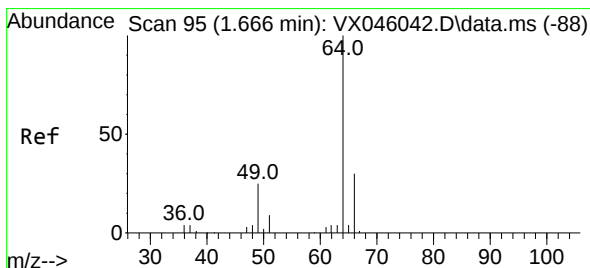
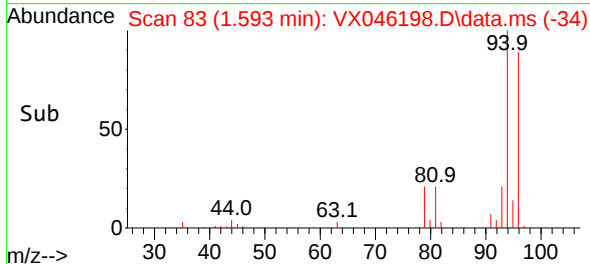
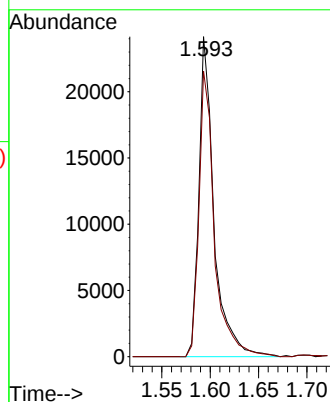
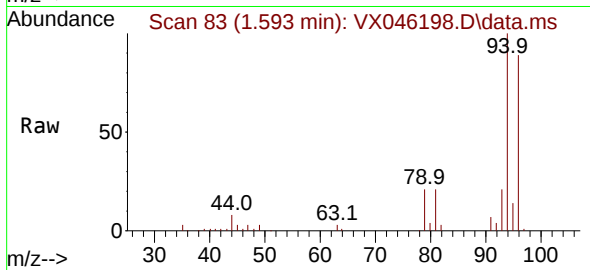




#5
Bromomethane
Concen: 47.721 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

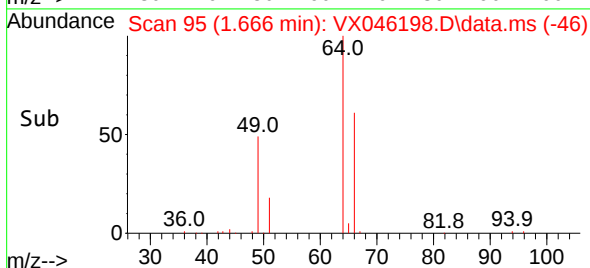
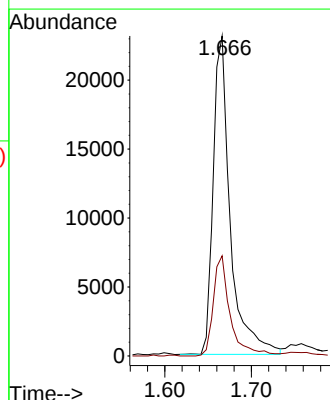
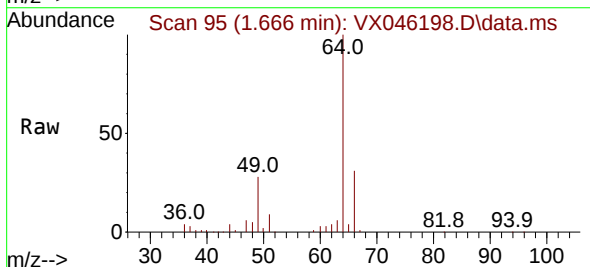
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 26244
Ion Ratio Lower Upper
94 100
96 89.3 72.8 109.2



#6
Chloroethane
Concen: 49.871 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 64 Resp: 31567
Ion Ratio Lower Upper
64 100
66 31.4 24.3 36.5

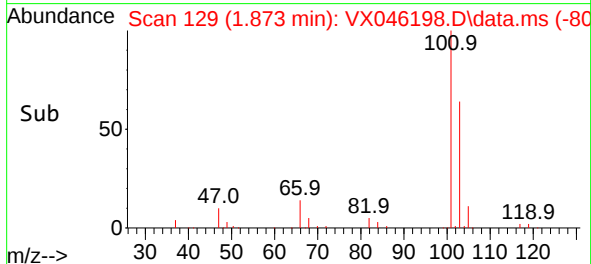
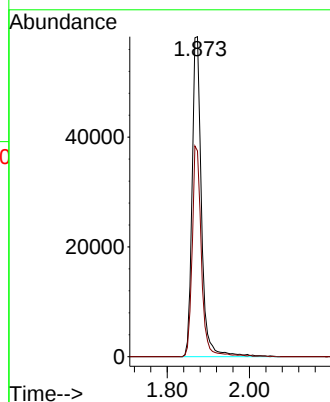
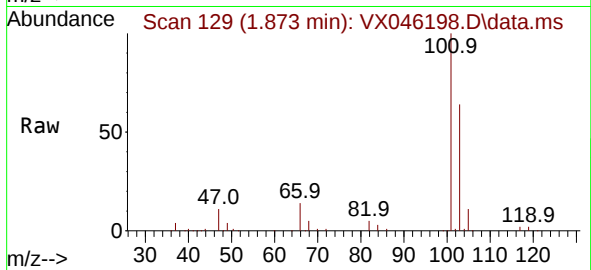




#7
Trichlorofluoromethane
Concen: 52.864 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046198.D
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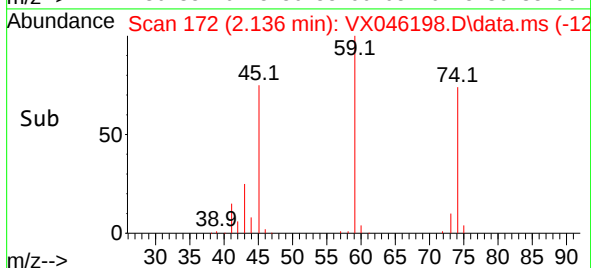
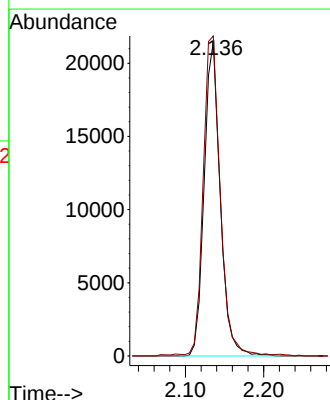
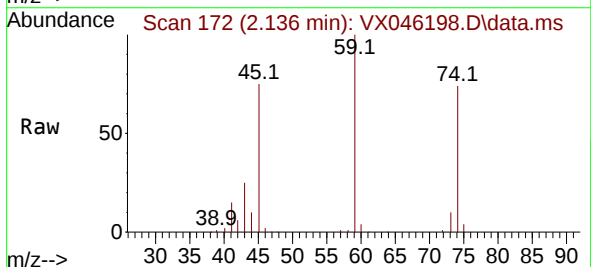
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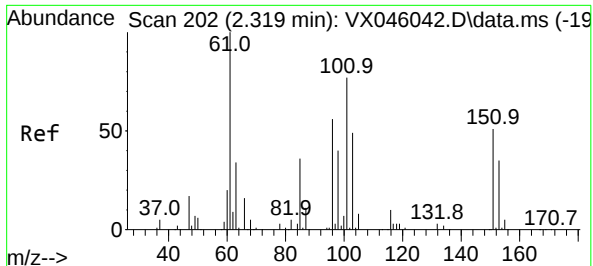
Tgt Ion:101 Resp: 92636
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4



#8
Diethyl Ether
Concen: 51.223 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 74 Resp: 30556
Ion Ratio Lower Upper
74 100
45 108.8 54.9 164.8

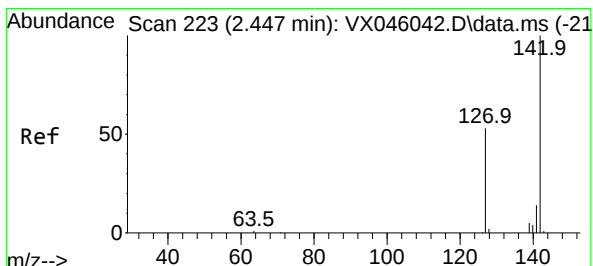
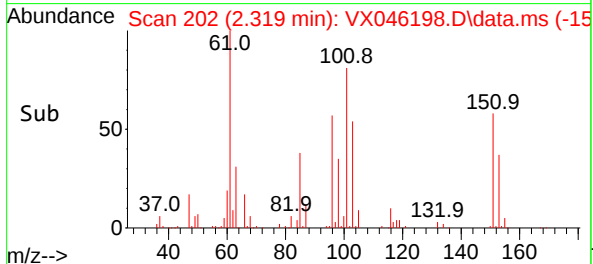
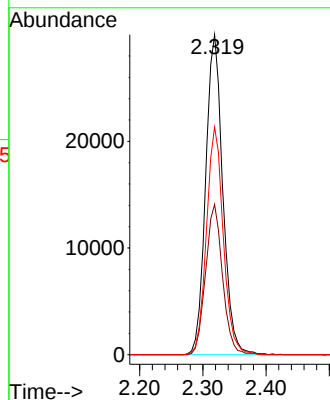
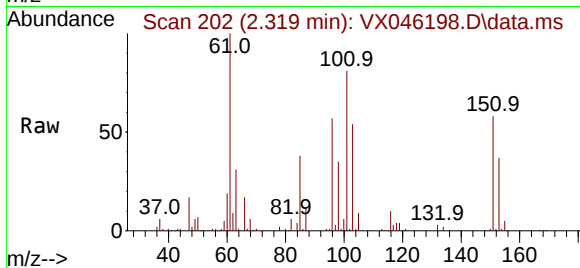




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.041 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX046198.D
 Acq: 14 May 2025 16:42

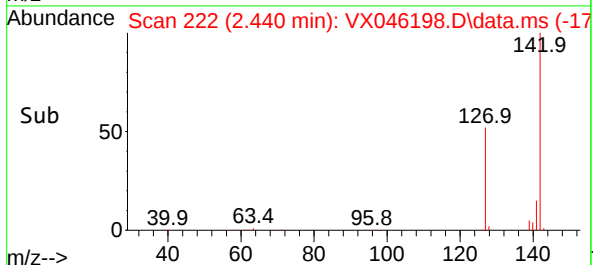
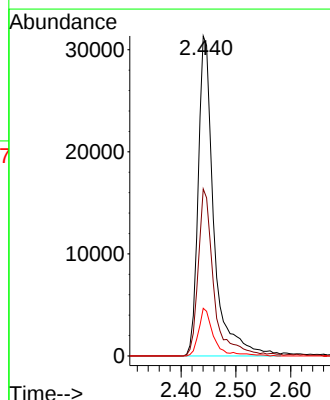
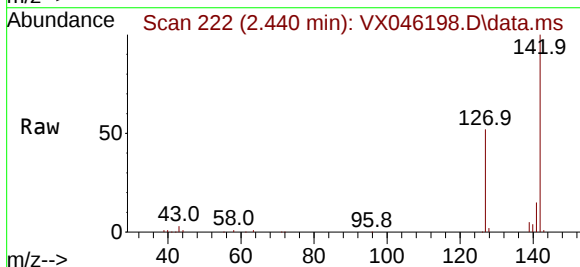
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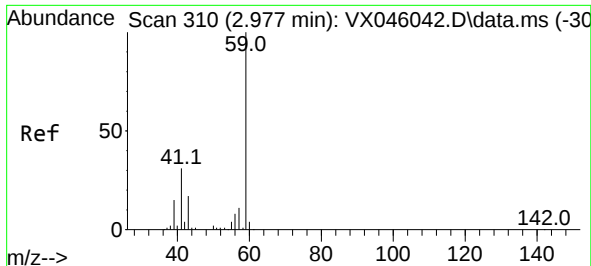
Tgt Ion:101 Resp: 56435
 Ion Ratio Lower Upper
 101 100
 85 46.6 38.6 58.0
 151 70.1 55.2 82.8



#10
 Methyl Iodide
 Concen: 48.863 ug/l
 RT: 2.440 min Scan# 222
 Delta R.T. -0.006 min
 Lab File: VX046198.D
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Tgt Ion:142 Resp: 62700
 Ion Ratio Lower Upper
 142 100
 127 52.0 41.7 62.5
 141 14.3 11.5 17.3

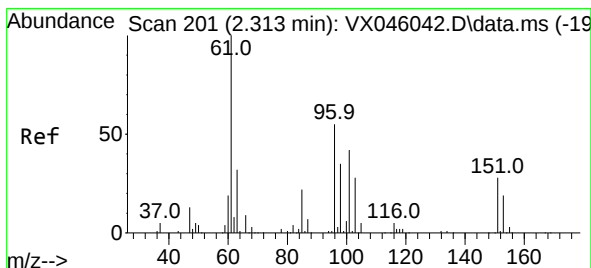
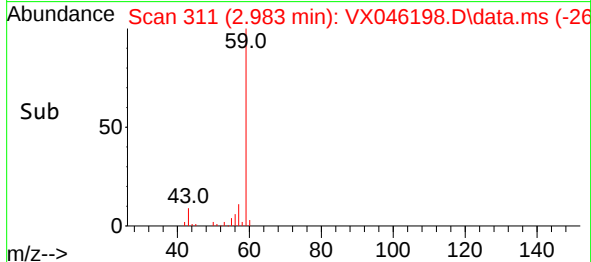
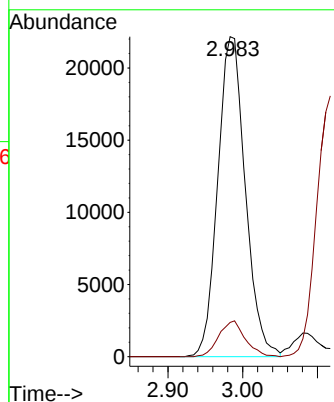
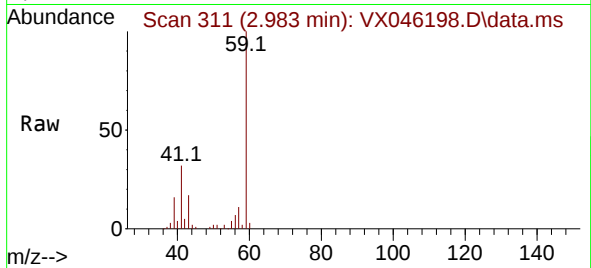




#11
Tert butyl alcohol
Concen: 253.085 ug/l
RT: 2.983 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

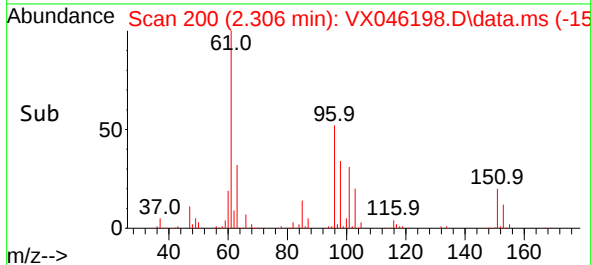
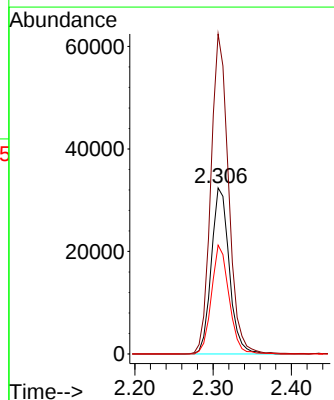
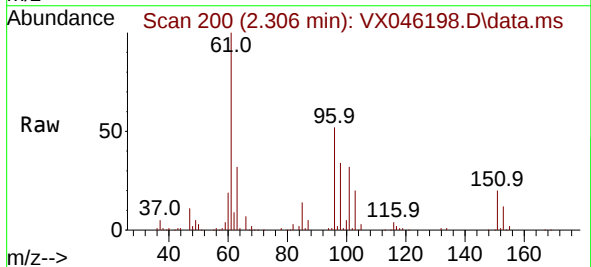
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 56848
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.590 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 96 Resp: 51489
Ion Ratio Lower Upper
96 100
61 192.7 146.2 219.2
98 65.5 51.0 76.6

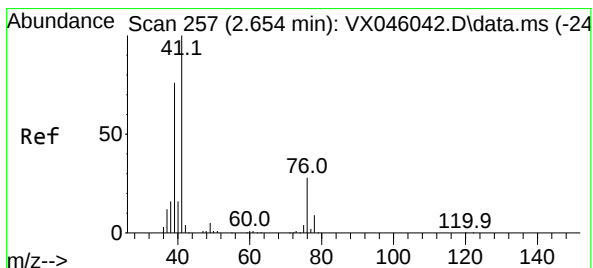
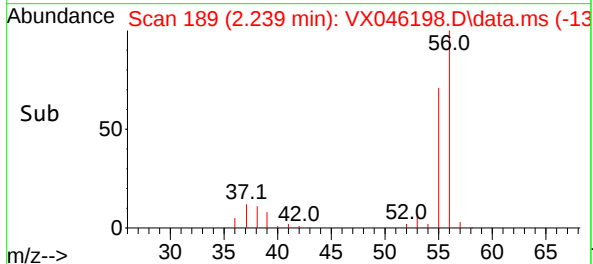
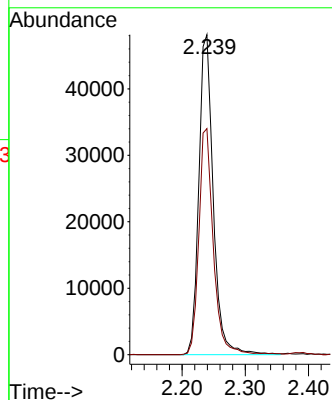
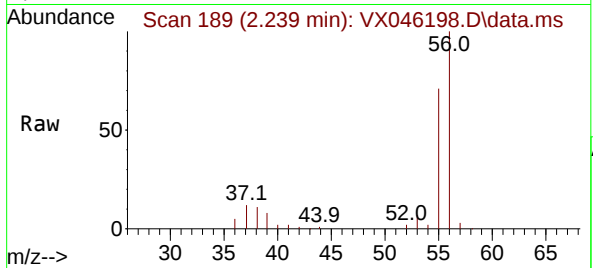




#13
Acrolein
Concen: 298.999 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

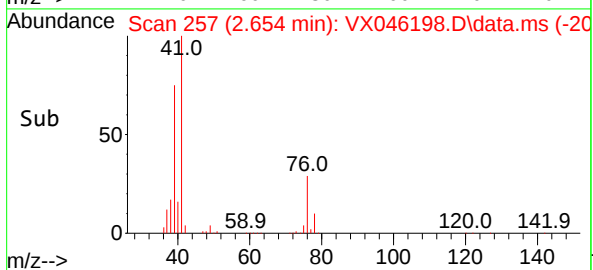
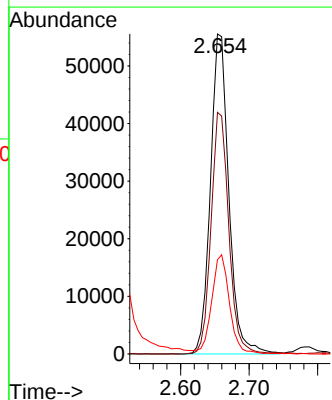
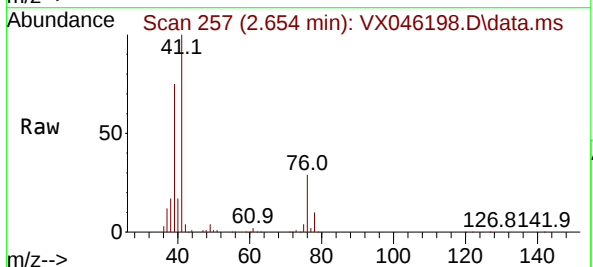
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 76486
Ion Ratio Lower Upper
56 100
55 71.2 56.2 84.4



#14
Allyl chloride
Concen: 53.254 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 41 Resp: 103586
Ion Ratio Lower Upper
41 100
39 72.7 60.6 90.8
76 30.2 24.9 37.3

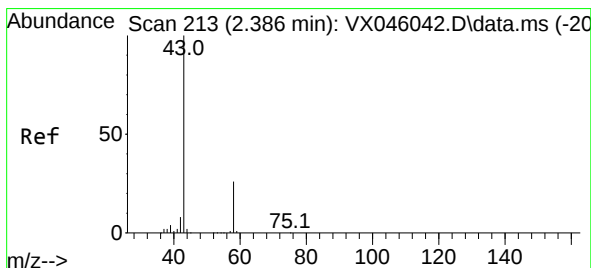
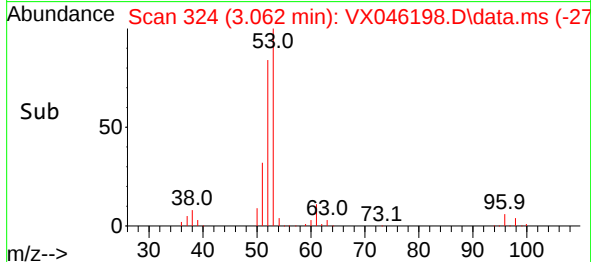
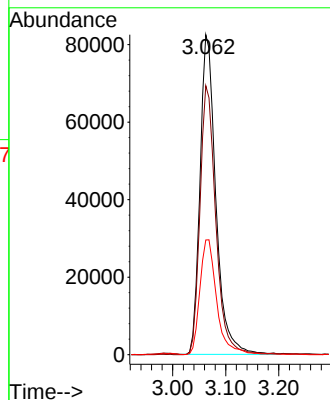
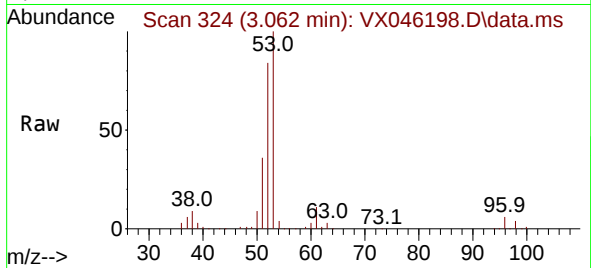




#15
Acrylonitrile
Concen: 267.219 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

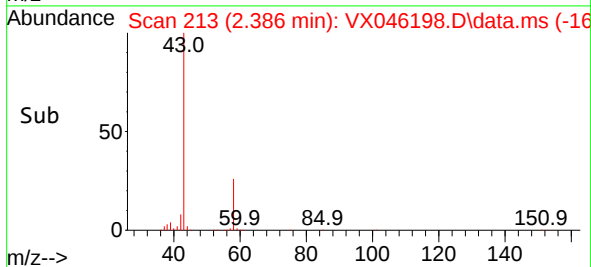
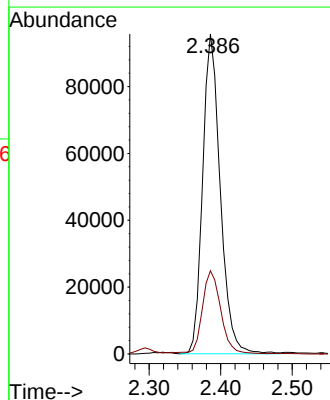
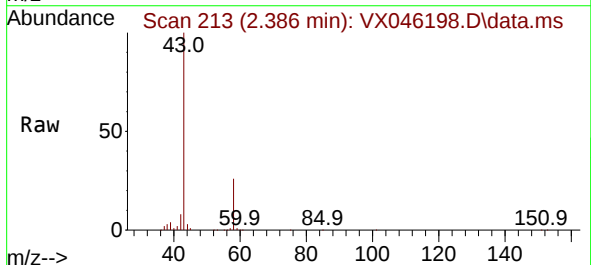
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 171631
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 38.2 29.8 44.8



#16
Acetone
Concen: 255.192 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 43 Resp: 163733
Ion Ratio Lower Upper
43 100
58 25.9 21.2 31.8

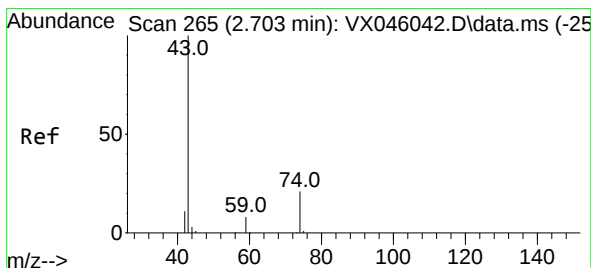
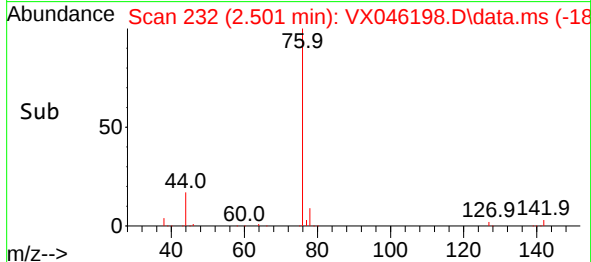
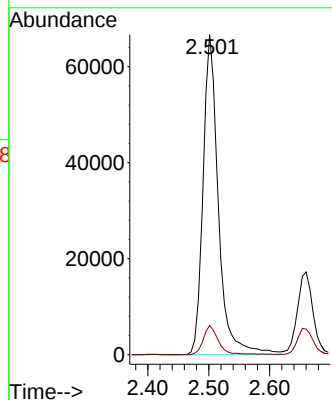
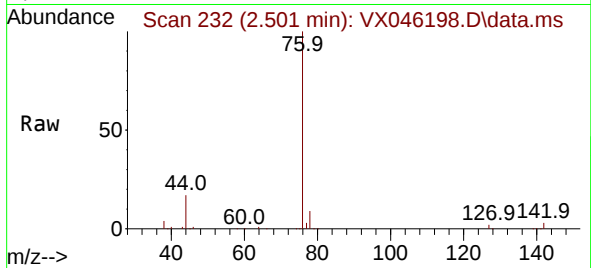




#17
Carbon Disulfide
Concen: 48.359 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

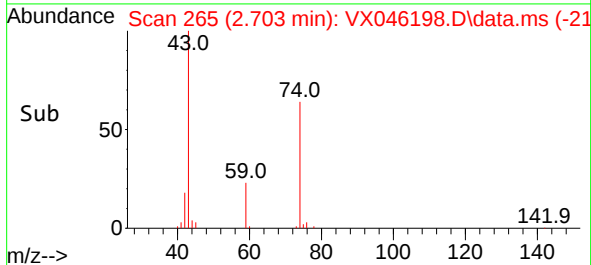
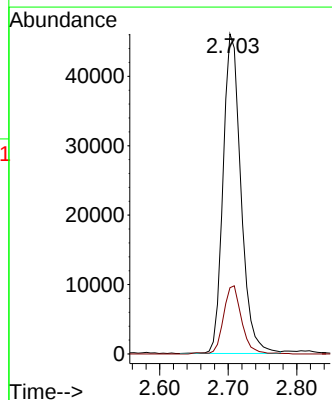
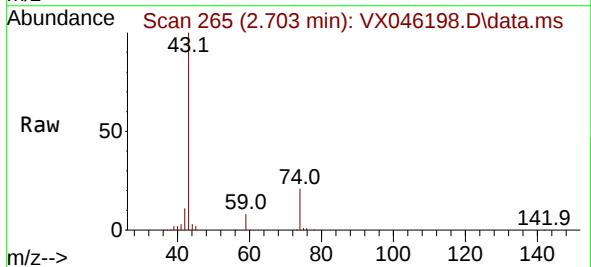
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 116687
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 55.859 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 43 Resp: 83166
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1

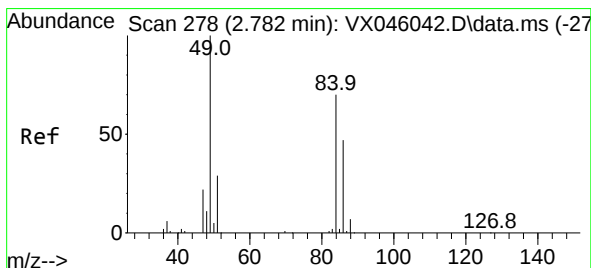
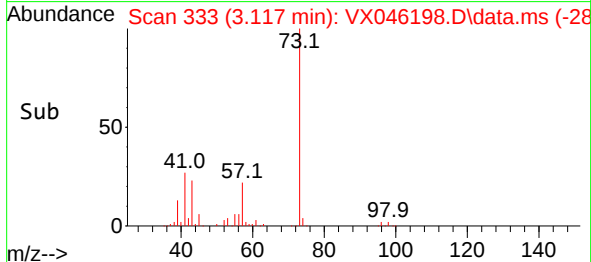
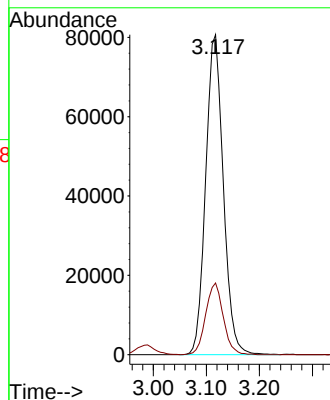
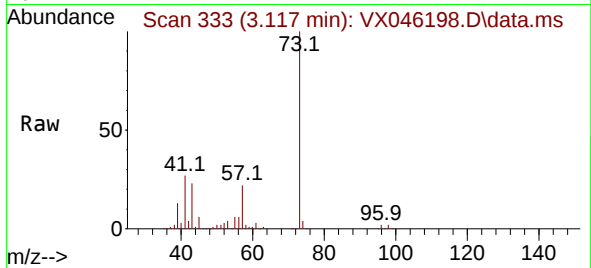




#19
Methyl tert-butyl Ether
Concen: 52.228 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

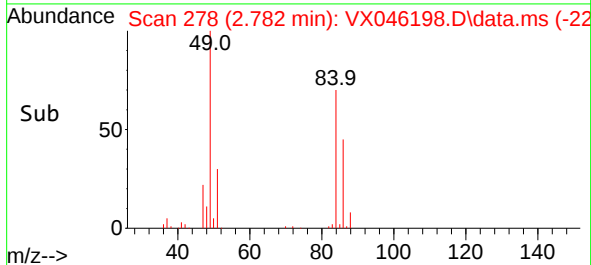
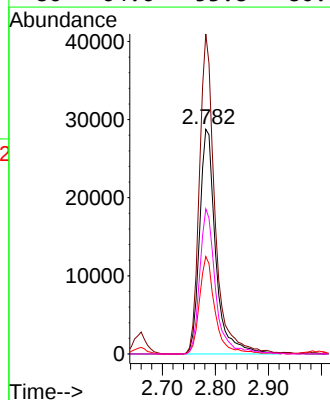
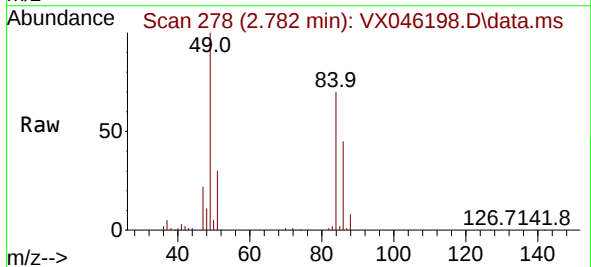
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 186360
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 49.623 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 84 Resp: 61012
Ion Ratio Lower Upper
84 100
49 142.4 113.9 170.9
51 43.4 33.5 50.3
86 64.6 53.8 80.8

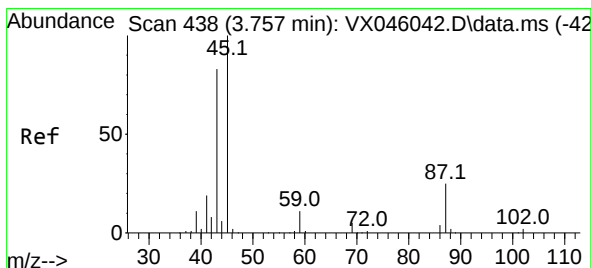
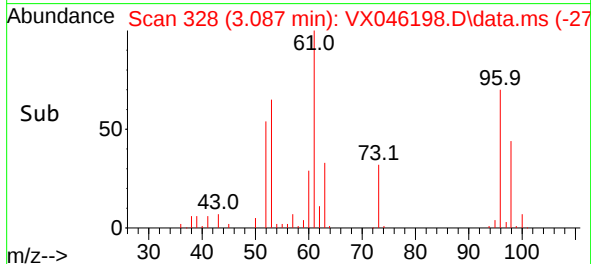
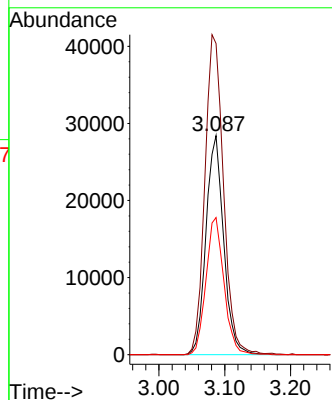
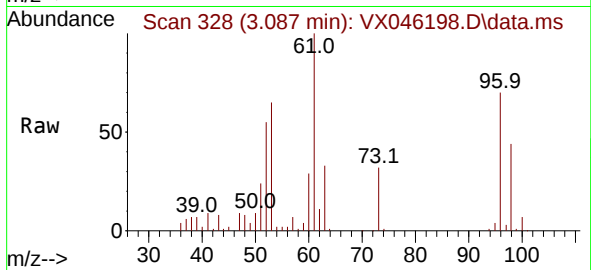




#21
trans-1,2-Dichloroethene
Concen: 51.902 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

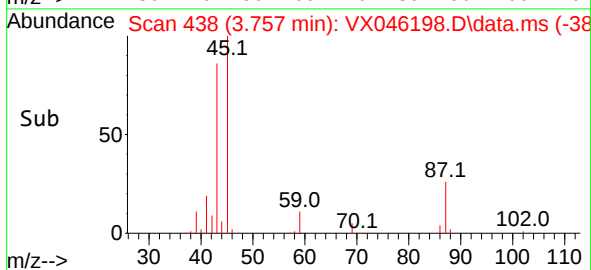
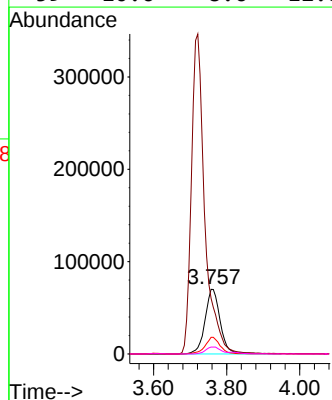
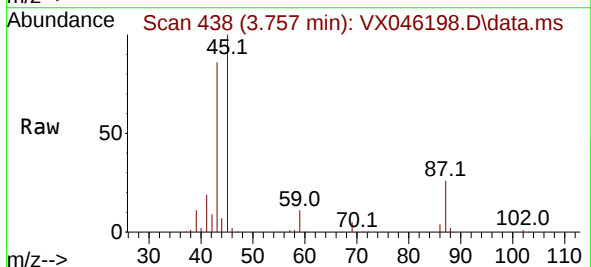
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 53123
Ion Ratio Lower Upper
96 100
61 142.1 119.5 179.3
98 62.6 50.0 75.0



#22
Diisopropyl ether
Concen: 53.944 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 45 Resp: 202684
Ion Ratio Lower Upper
45 100
43 85.8 66.6 100.0
87 25.7 19.8 29.6
59 10.6 8.6 12.8

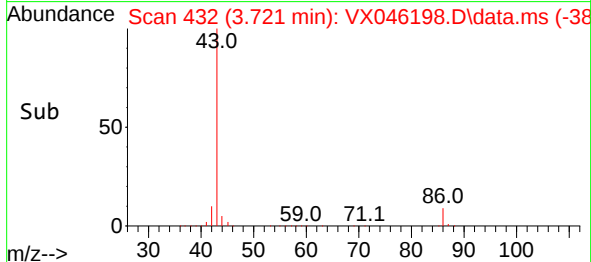
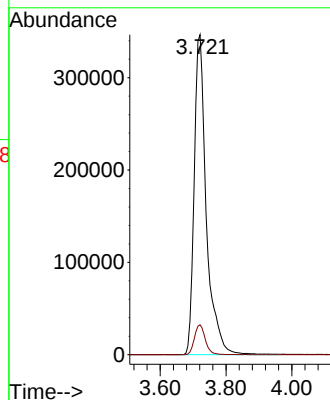
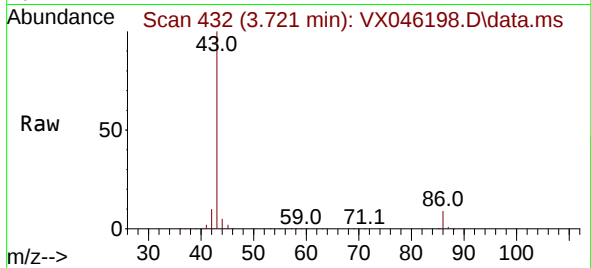




#23
 Vinyl Acetate
 Concen: 268.057 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046198.D
 Acq: 14 May 2025 16:42

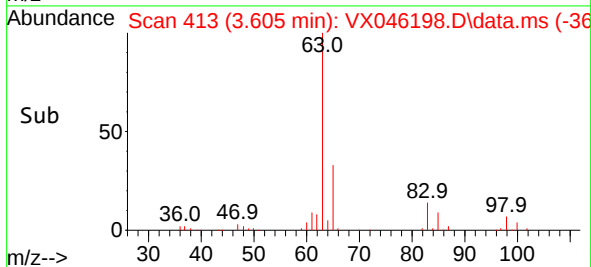
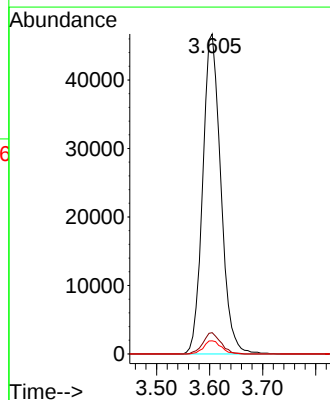
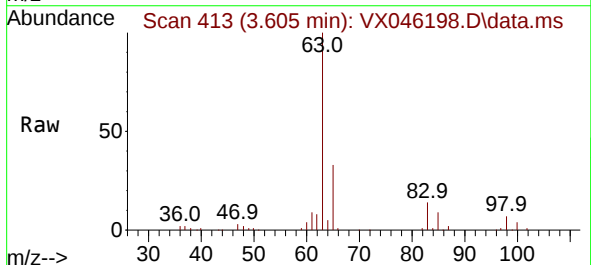
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

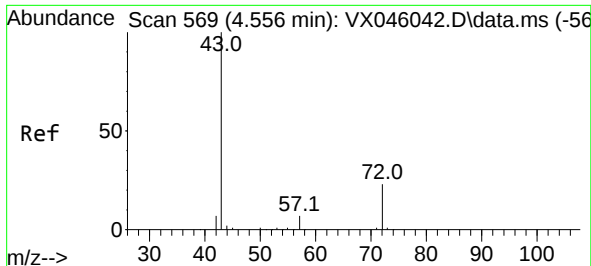
Tgt Ion: 43 Resp: 885842
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.947 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046198.D
 Acq: 14 May 2025 16:42

Tgt Ion: 63 Resp: 110804
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 269.376 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

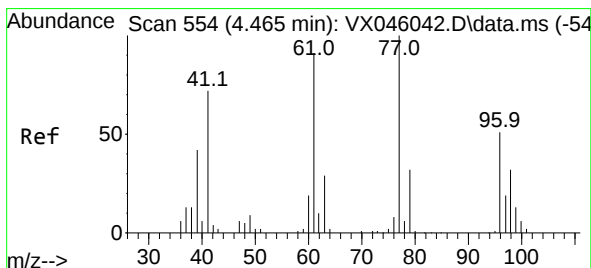
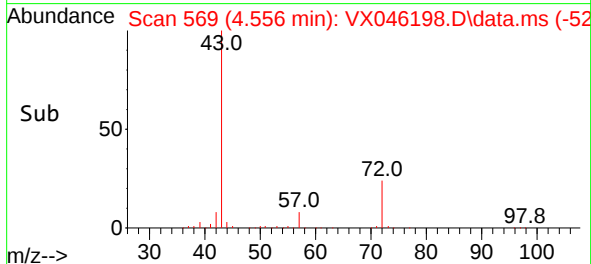
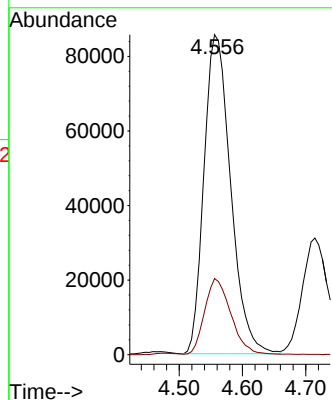
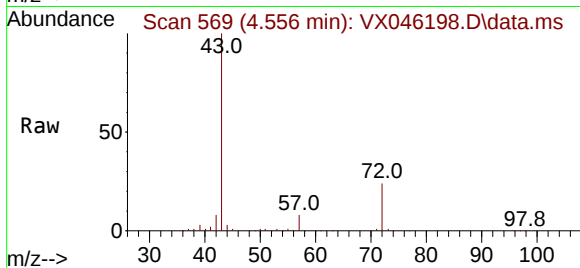
VSTDCCC050EC

Tgt Ion: 43 Resp: 250917

Ion Ratio Lower Upper

43 100

72 23.7 18.4 27.6



#26

2,2-Dichloropropane

Concen: 50.546 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX046198.D

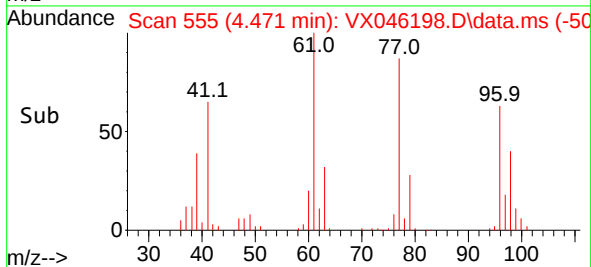
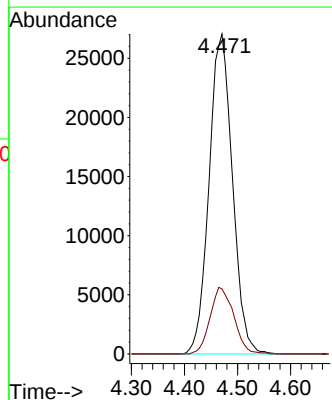
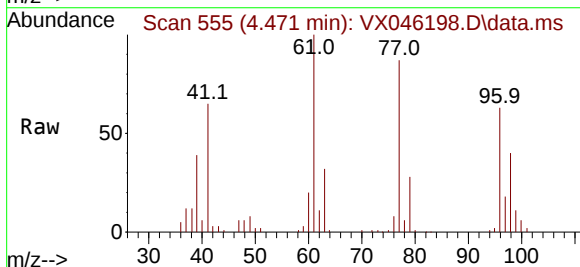
Acq: 14 May 2025 16:42

Tgt Ion: 77 Resp: 82794

Ion Ratio Lower Upper

77 100

97 21.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 52.378 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

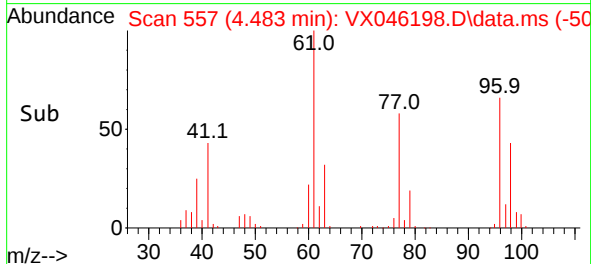
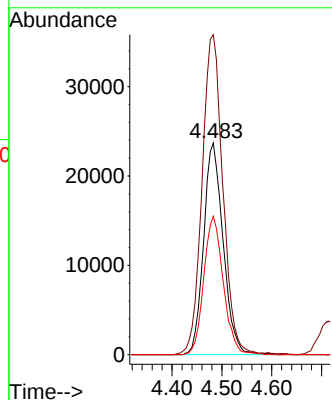
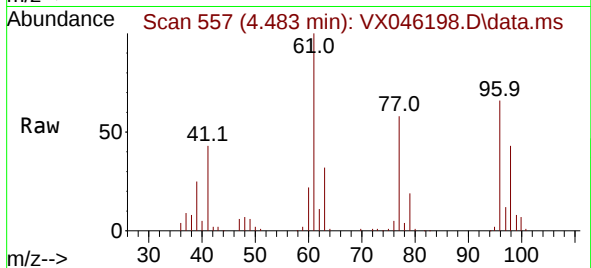
Tgt Ion: 96 Resp: 64538

Ion Ratio Lower Upper

96 100

61 160.4 0.0 322.8

98 65.1 0.0 129.0



#28

Bromochloromethane

Concen: 52.185 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

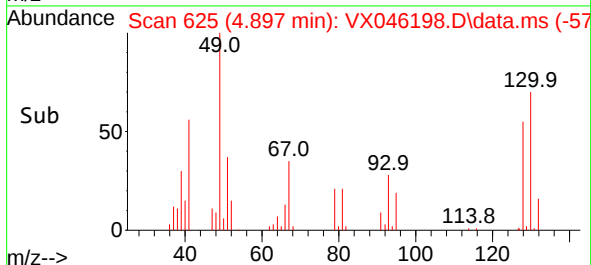
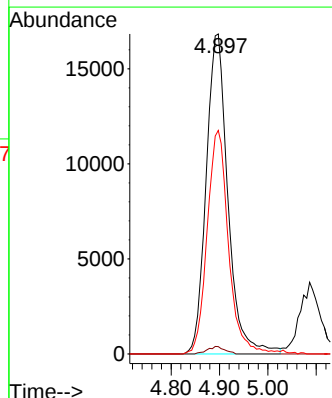
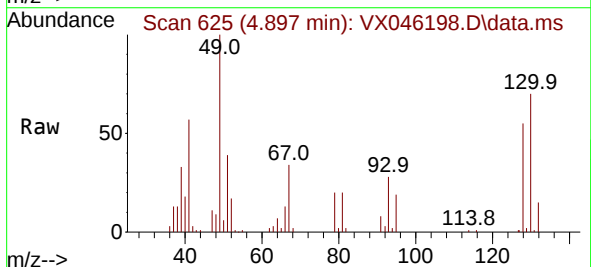
Tgt Ion: 49 Resp: 52568

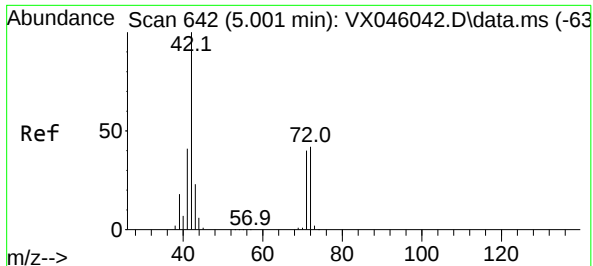
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 68.3 56.2 84.2





#29

Tetrahydrofuran

Concen: 271.732 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

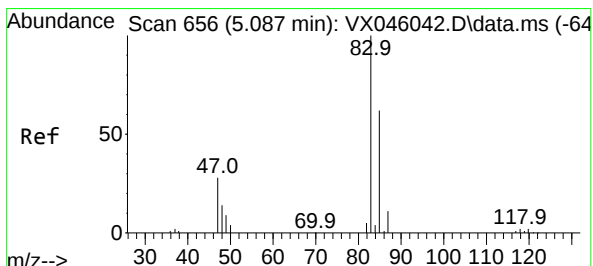
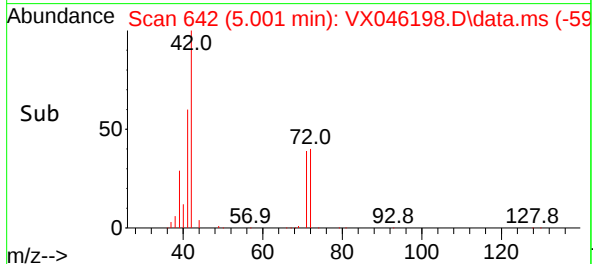
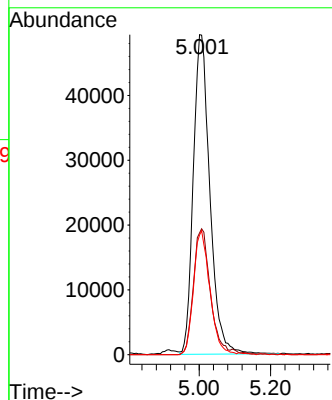
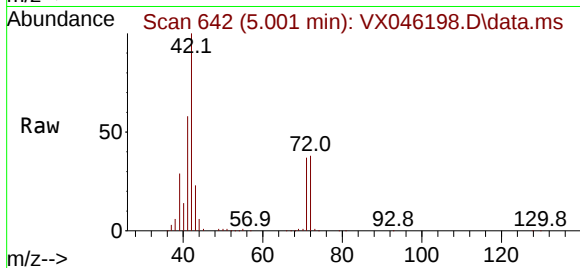
Tgt Ion: 42 Resp: 158606

Ion Ratio Lower Upper

42 100

72 40.0 33.7 50.5

71 38.1 31.4 47.2



#30

Chloroform

Concen: 53.267 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX046198.D

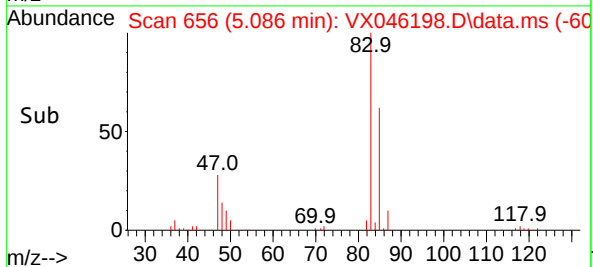
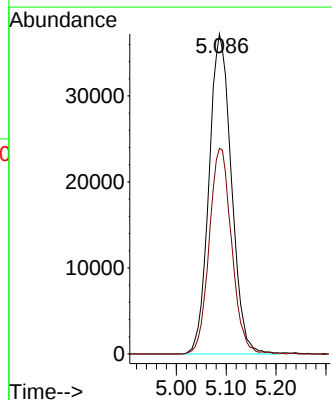
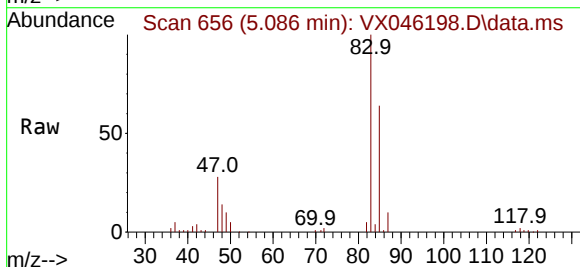
Acq: 14 May 2025 16:42

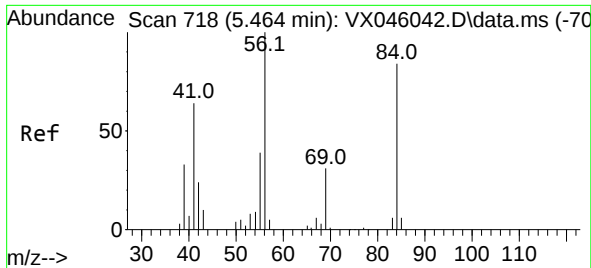
Tgt Ion: 83 Resp: 116190

Ion Ratio Lower Upper

83 100

85 64.3 49.3 73.9

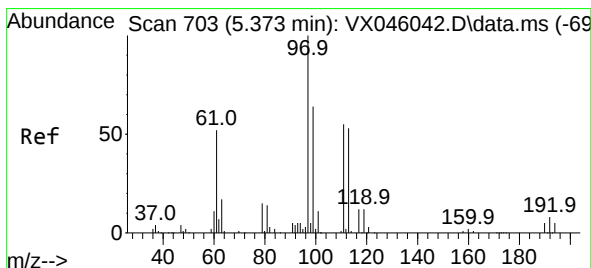
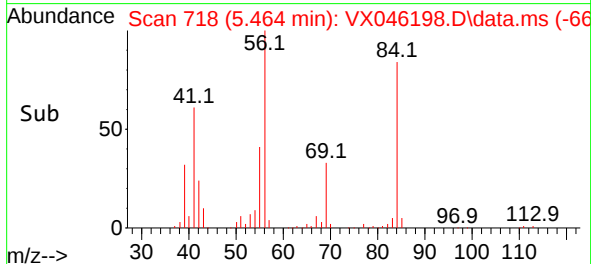
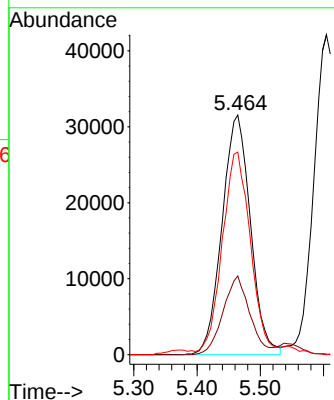
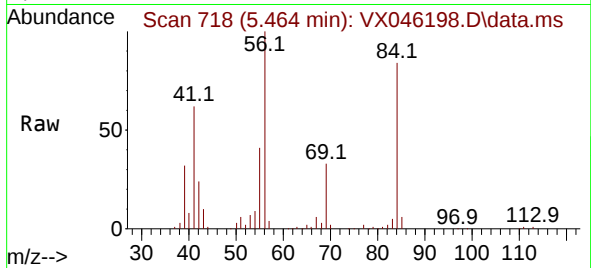




#31
Cyclohexane
Concen: 51.624 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

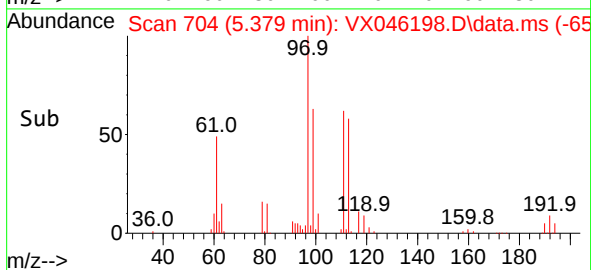
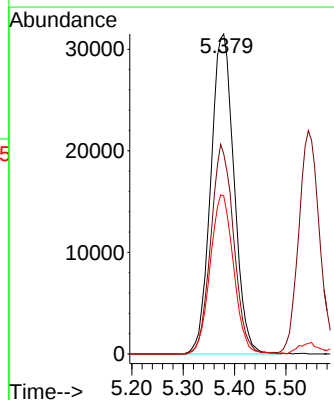
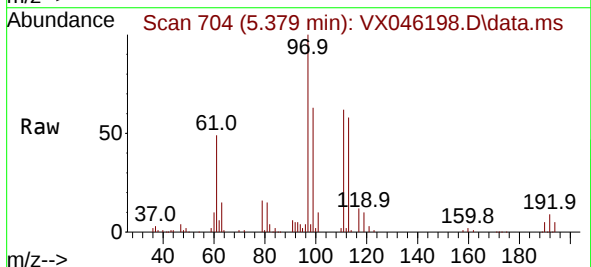
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

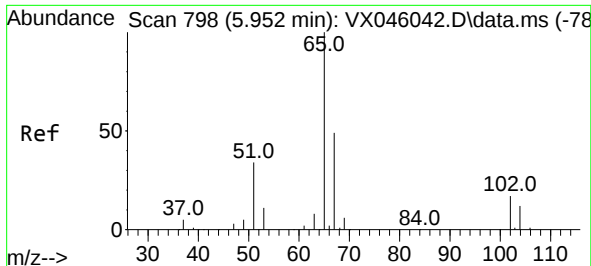
Tgt Ion: 56 Resp: 98449
Ion Ratio Lower Upper
56 100
69 32.8 24.4 36.6
84 82.6 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 52.335 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 97 Resp: 98958
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 50.1 40.1 60.1

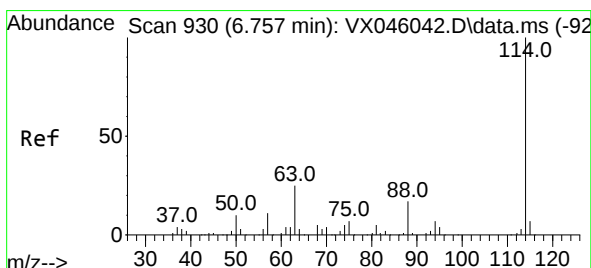
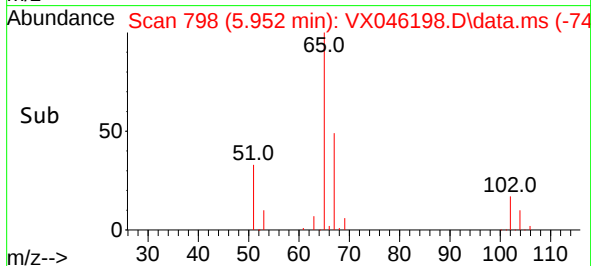
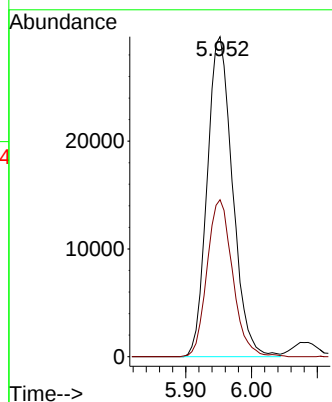
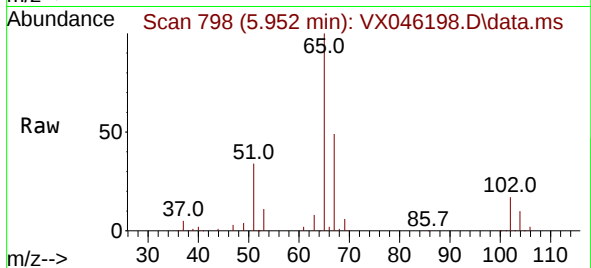




#33
 1,2-Dichloroethane-d4
 Concen: 49.862 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046198.D
 Acq: 14 May 2025 16:42

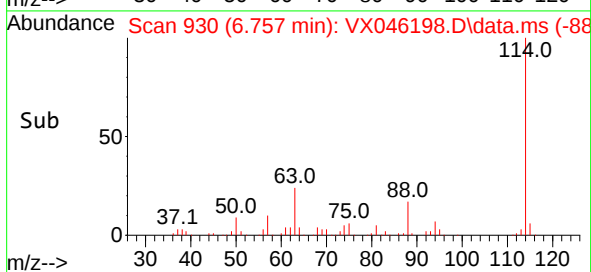
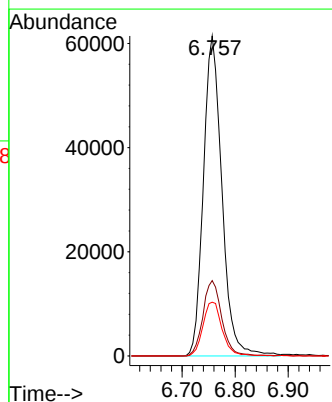
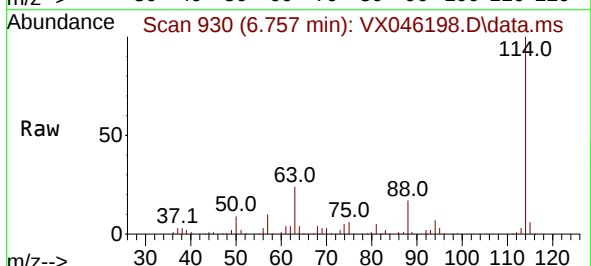
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 79790
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046198.D
 Acq: 14 May 2025 16:42

Tgt Ion: 114 Resp: 149033
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 49.2
 88 16.8 0.0 33.6

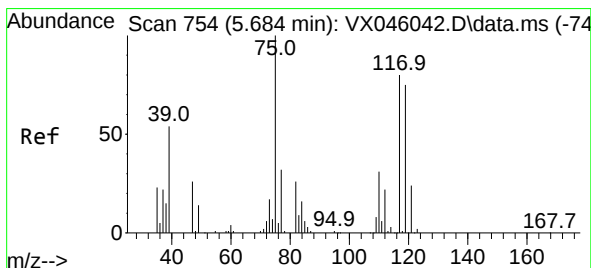
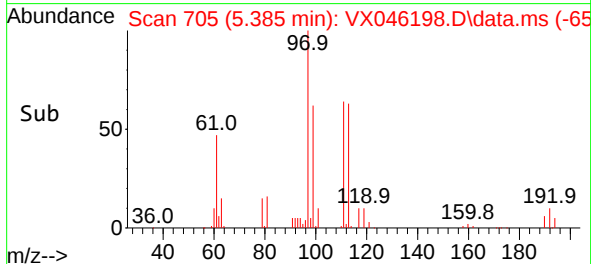
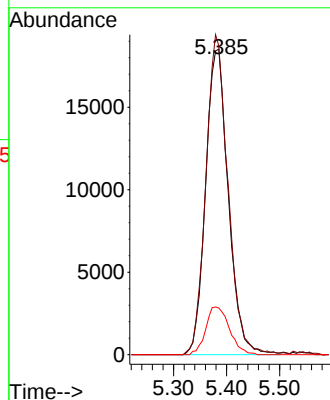
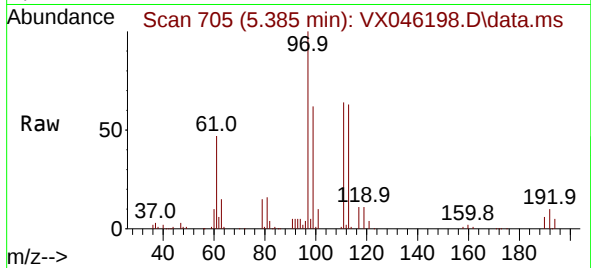




#35
Dibromofluoromethane
Concen: 51.333 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

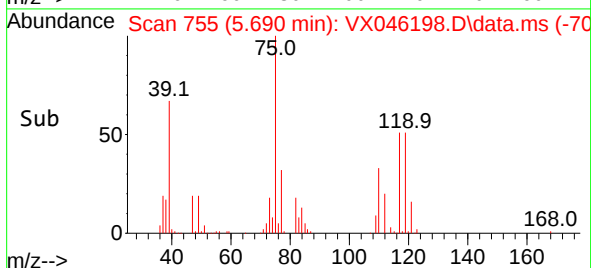
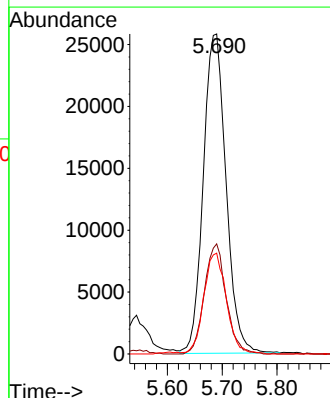
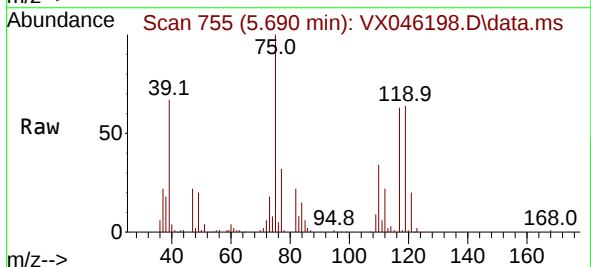
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

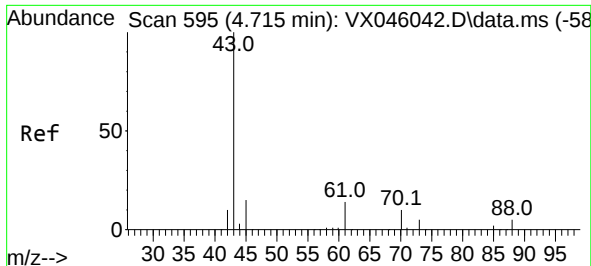
Tgt Ion:113 Resp: 55090
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 51.572 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 75 Resp: 74364
Ion Ratio Lower Upper
75 100
110 33.0 16.3 48.9
77 31.4 24.3 36.5





#37

Ethyl Acetate

Concen: 51.898 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

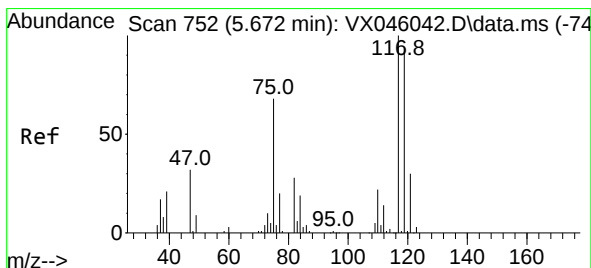
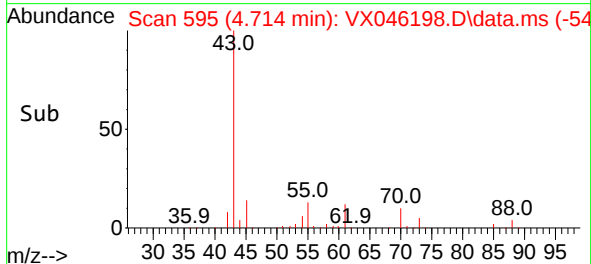
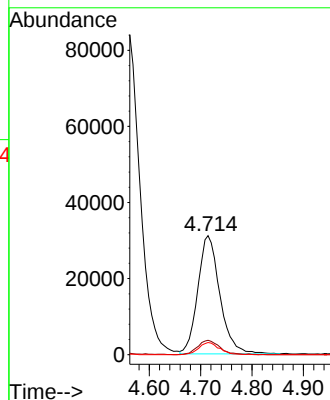
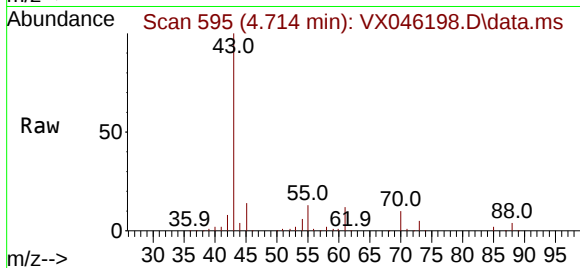
Tgt Ion: 43 Resp: 92458

Ion Ratio Lower Upper

43 100

61 12.2 10.3 15.5

70 9.7 7.9 11.9



#38

Carbon Tetrachloride

Concen: 52.193 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

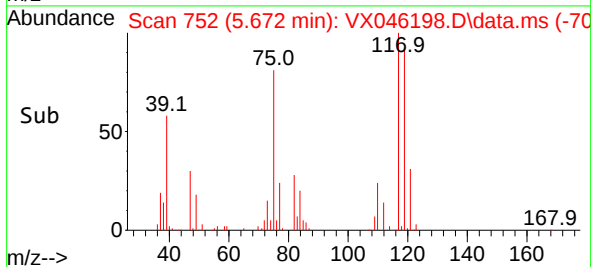
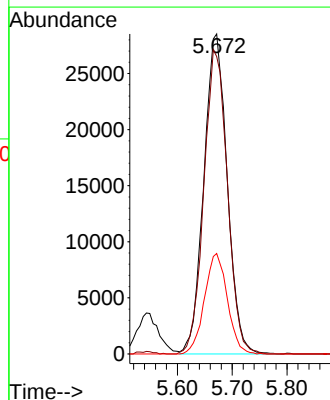
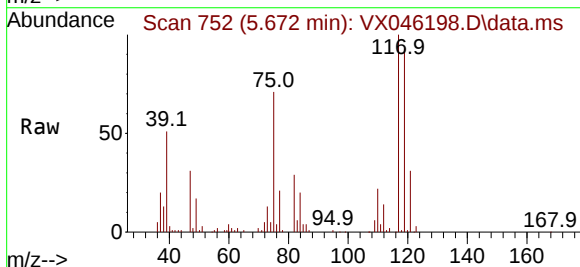
Tgt Ion: 117 Resp: 84560

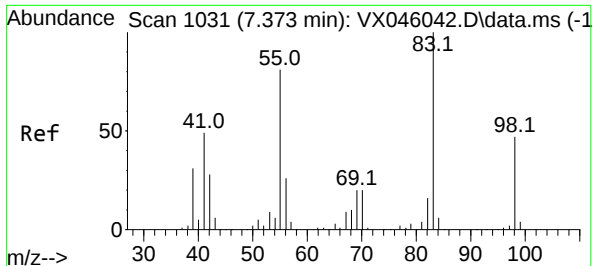
Ion Ratio Lower Upper

117 100

119 92.9 75.2 112.8

121 31.4 24.2 36.4

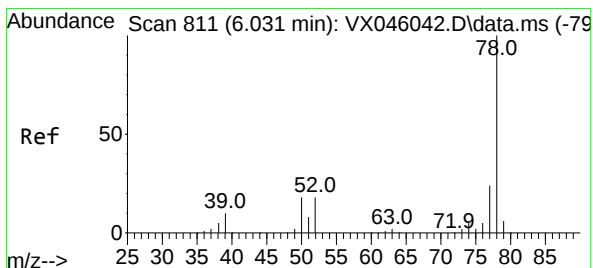
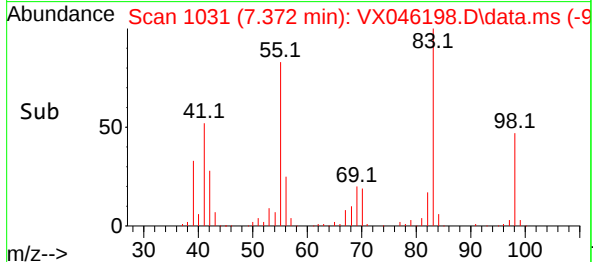
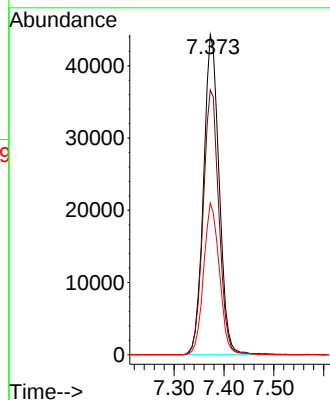
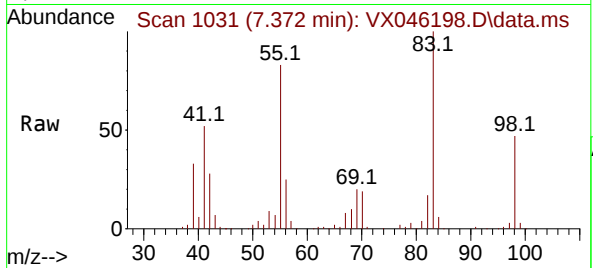




#39
Methylcyclohexane
Concen: 51.910 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

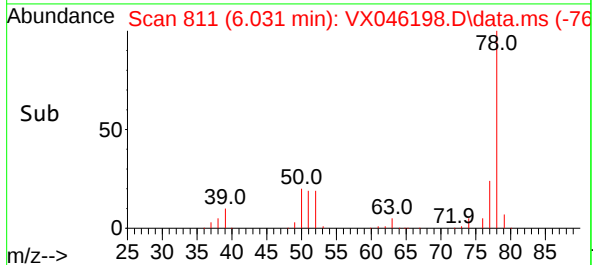
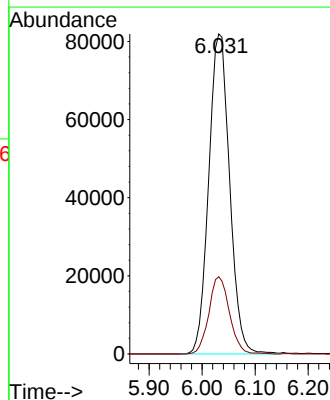
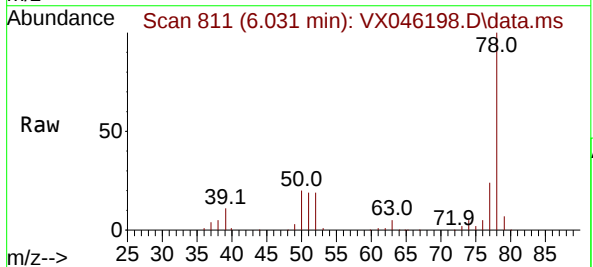
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 96364
Ion Ratio Lower Upper
83 100
55 82.7 64.7 97.1
98 47.4 37.4 56.2



#40
Benzene
Concen: 53.110 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 78 Resp: 224316
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4

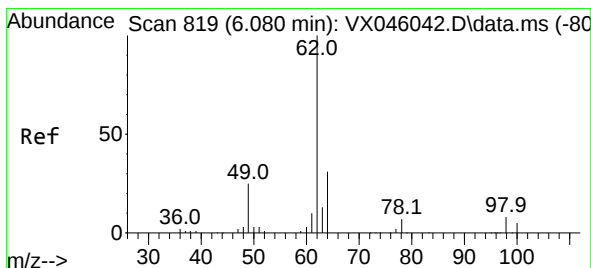
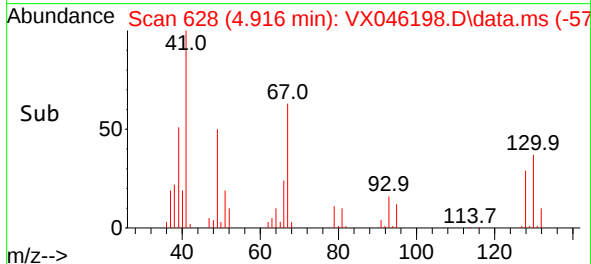
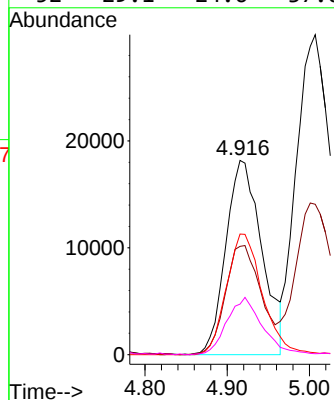
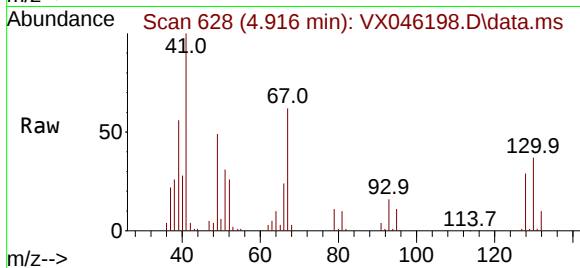




#41
Methacrylonitrile
Concen: 59.445 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

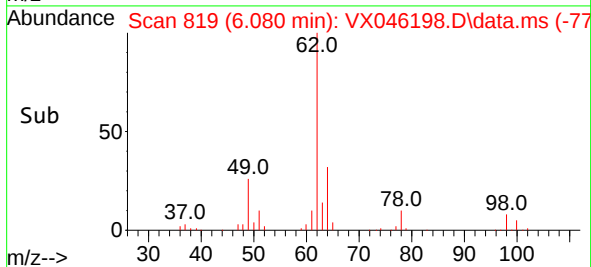
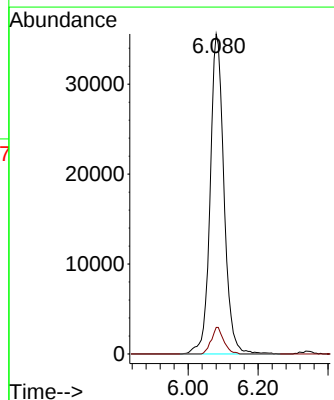
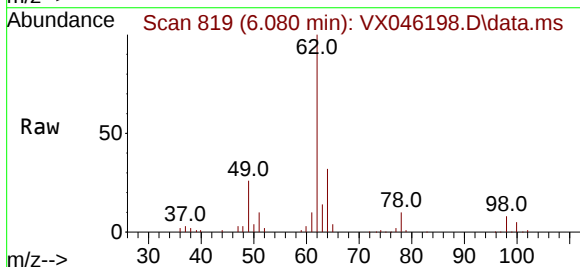
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

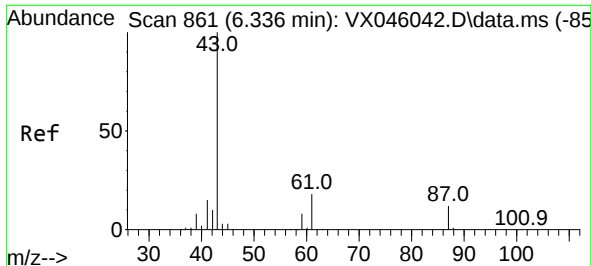
Tgt Ion:	41	Resp:	55399
Ion	Ratio	Lower	Upper
41	100		
39	55.4	47.2	70.8
67	62.2	50.7	76.1
52	29.1	24.6	37.0



#42
1,2-Dichloroethane
Concen: 53.582 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion:	62	Resp:	97673
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.2

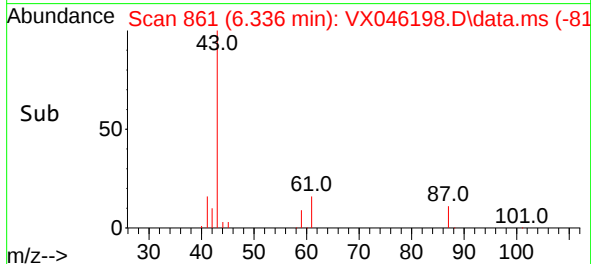
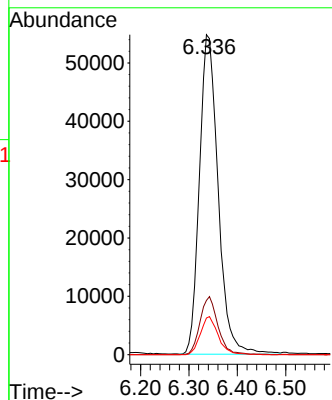
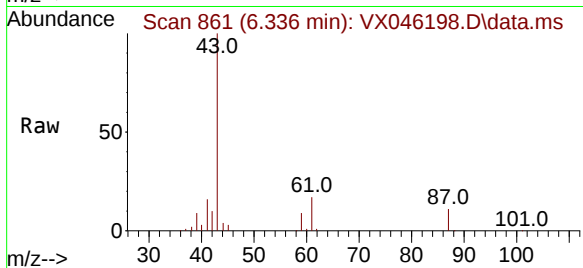




#43
Isopropyl Acetate
Concen: 54.316 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

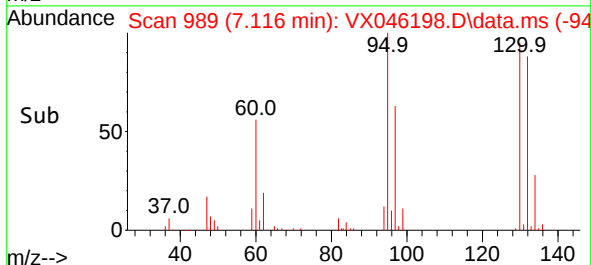
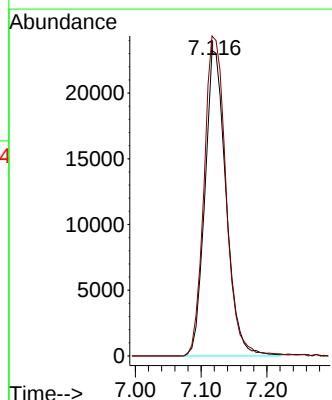
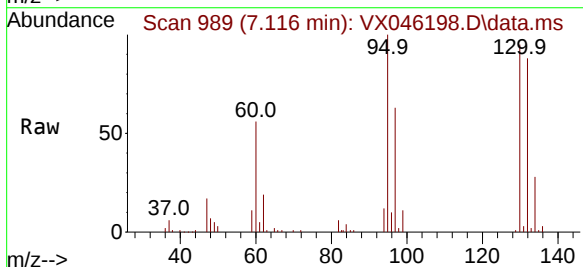
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

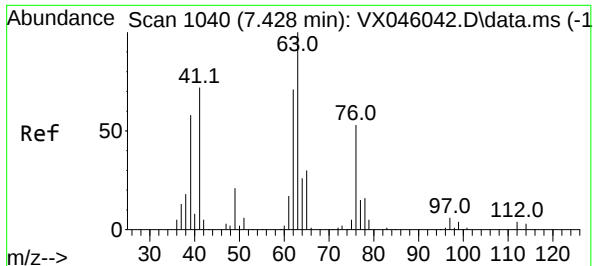
Tgt Ion: 43 Resp: 147620
Ion Ratio Lower Upper
43 100
61 17.3 14.3 21.5
87 11.3 9.5 14.3



#44
Trichloroethene
Concen: 51.358 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 130 Resp: 52208
Ion Ratio Lower Upper
130 100
95 104.8 0.0 204.2





#45

1,2-Dichloropropane

Concen: 54.168 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

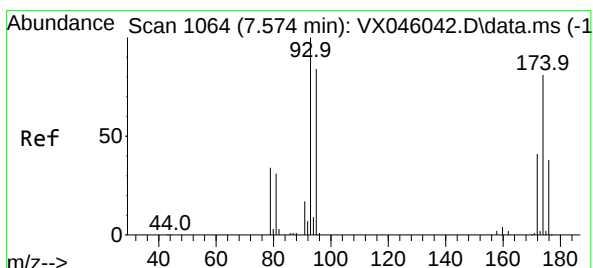
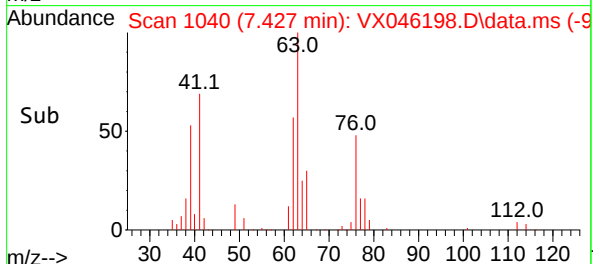
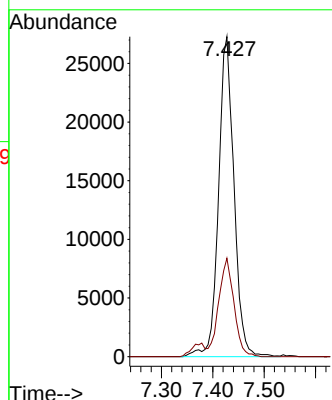
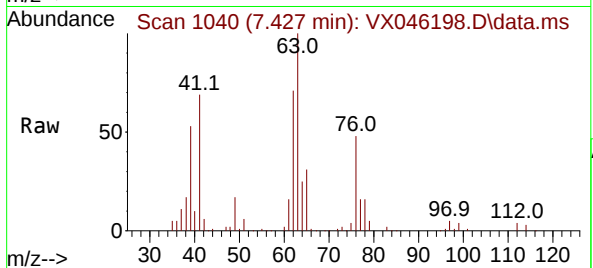
VSTDCCC050EC

Tgt Ion: 63 Resp: 56889

Ion Ratio Lower Upper

63 100

65 30.8 24.1 36.1



#46

Dibromomethane

Concen: 52.947 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

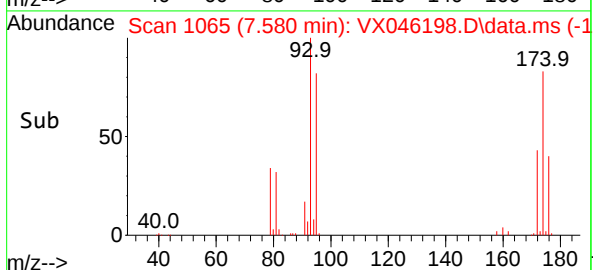
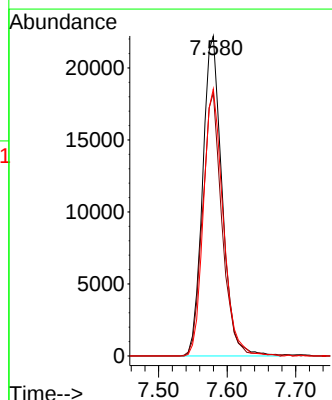
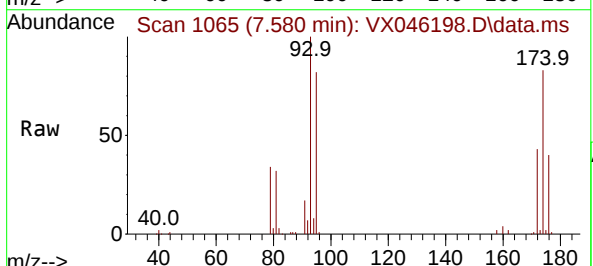
Tgt Ion: 93 Resp: 43857

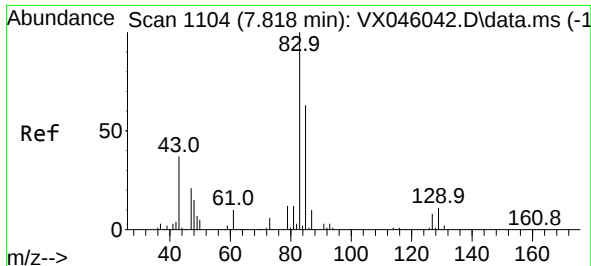
Ion Ratio Lower Upper

93 100

95 82.3 65.6 98.4

174 84.4 68.2 102.2

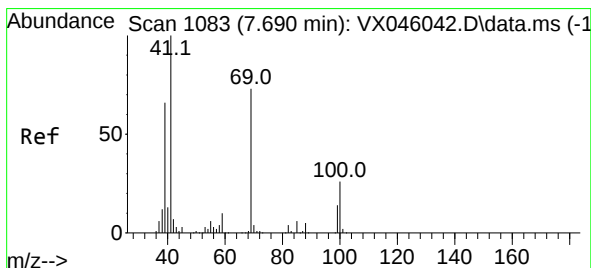
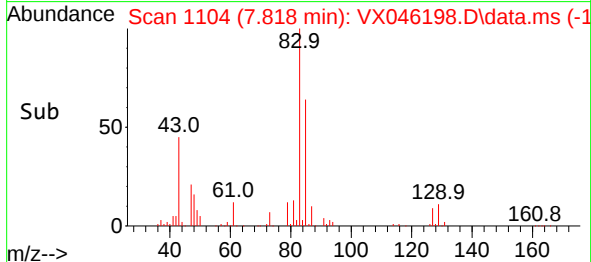
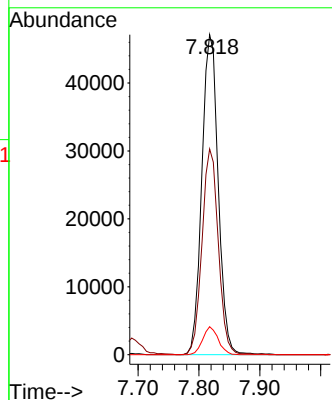
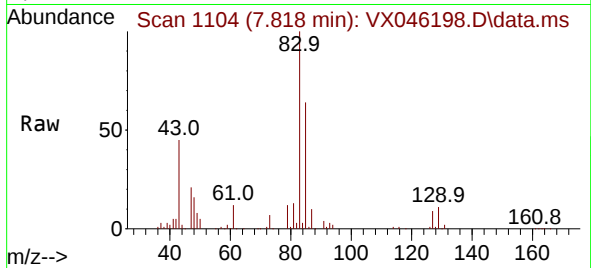




#47
Bromodichloromethane
Concen: 53.976 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

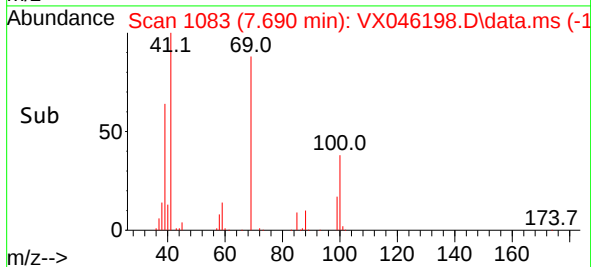
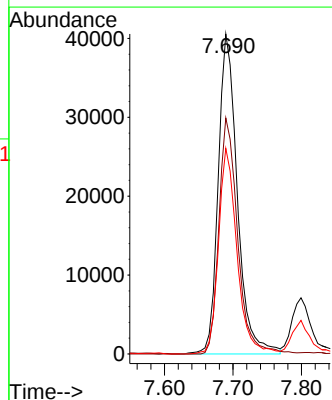
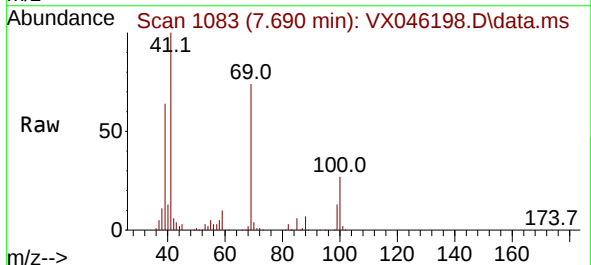
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

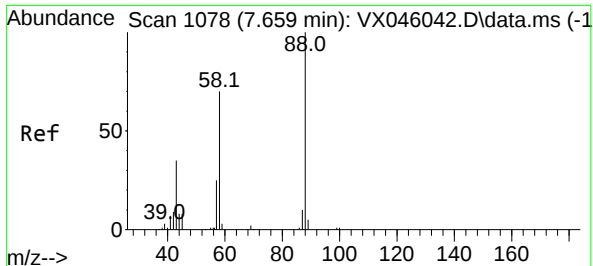
Tgt Ion: 83 Resp: 88059
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 8.8 6.5 9.7



#48
Methyl methacrylate
Concen: 56.528 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 41 Resp: 78462
Ion Ratio Lower Upper
41 100
69 72.3 58.5 87.7
39 62.3 51.7 77.5





#49

1,4-Dioxane

Concen: 1123.637 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

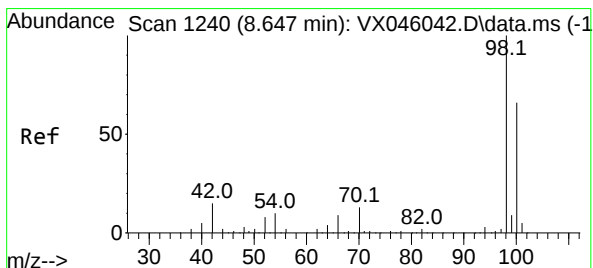
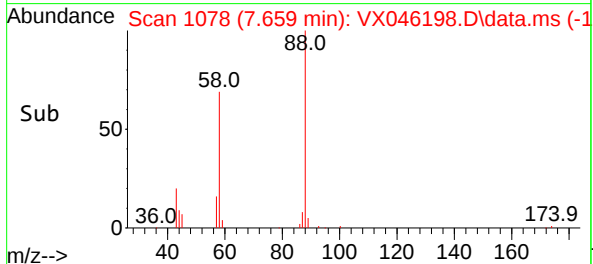
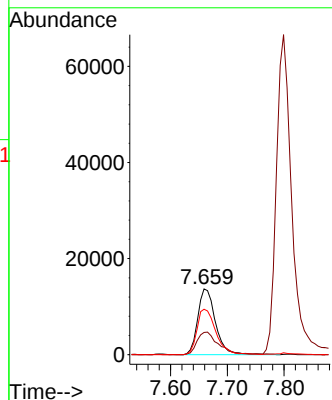
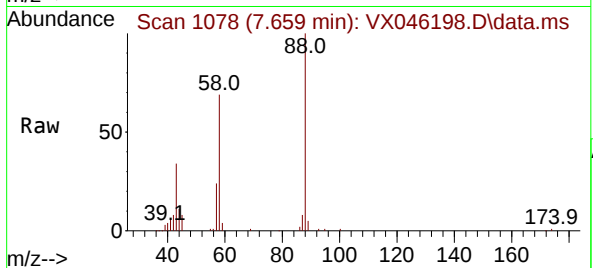
Tgt Ion: 88 Resp: 29613

Ion Ratio Lower Upper

88 100

43 41.5 33.4 50.2

58 73.7 58.6 88.0



#50

Toluene-d8

Concen: 50.882 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046198.D

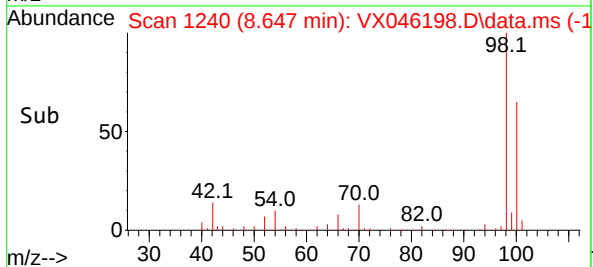
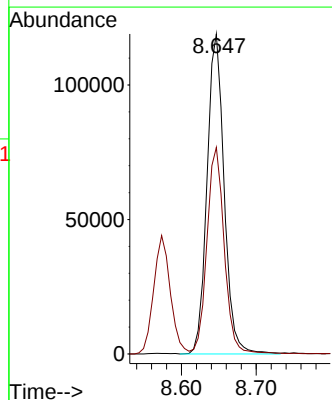
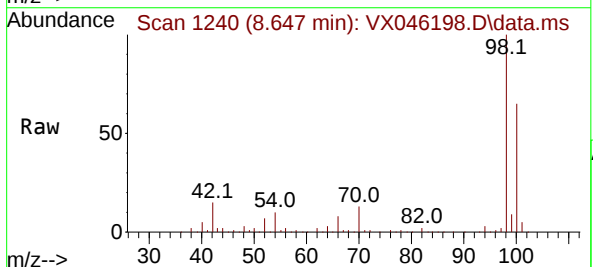
Acq: 14 May 2025 16:42

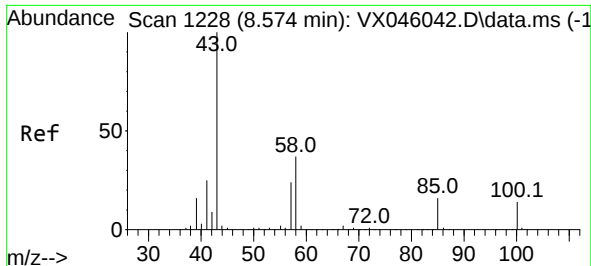
Tgt Ion: 98 Resp: 188999

Ion Ratio Lower Upper

98 100

100 64.9 53.5 80.3

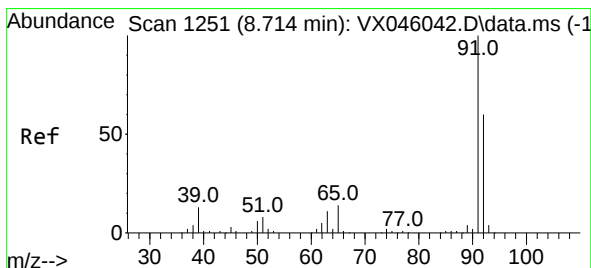
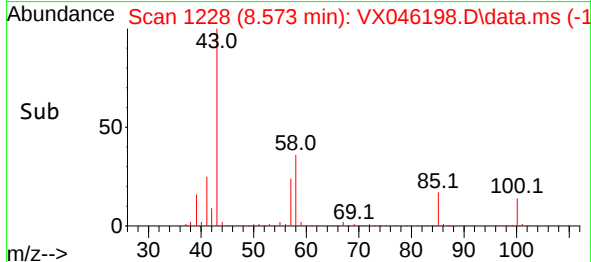
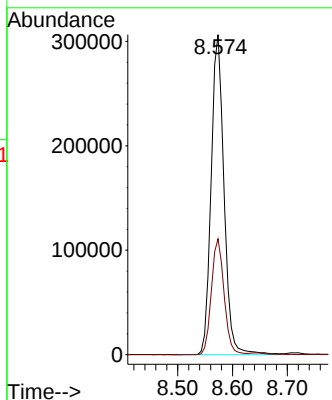
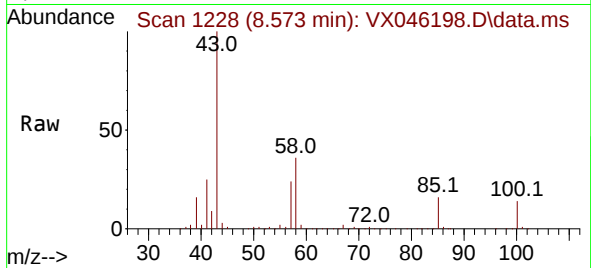




#51
4-Methyl-2-Pentanone
Concen: 275.897 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

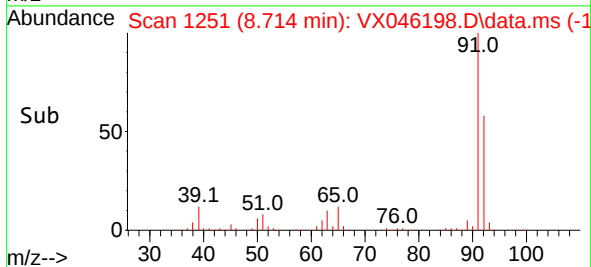
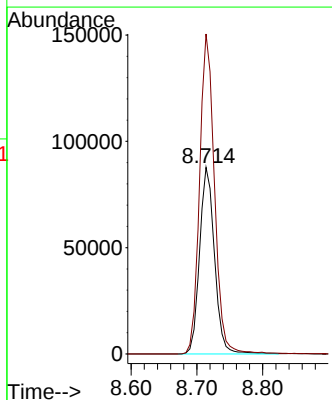
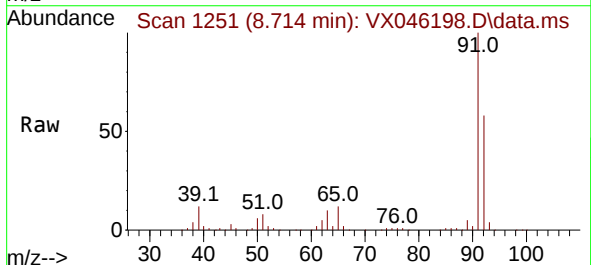
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 497733
Ion Ratio Lower Upper
43 100
58 35.7 28.9 43.3



#52
Toluene
Concen: 53.523 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 92 Resp: 138616
Ion Ratio Lower Upper
92 100
91 171.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.818 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

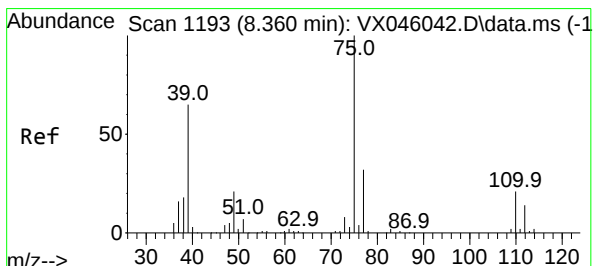
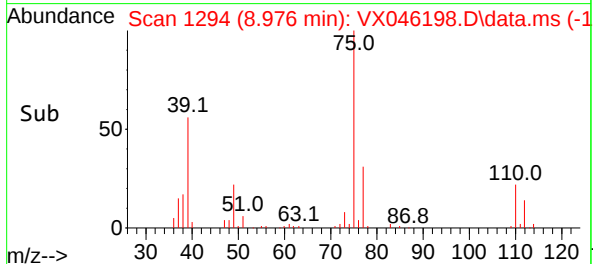
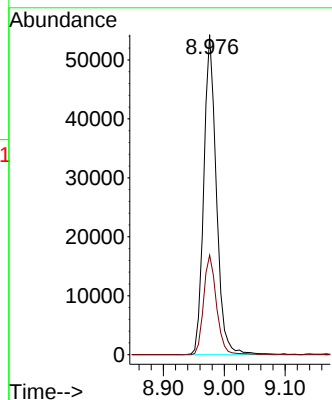
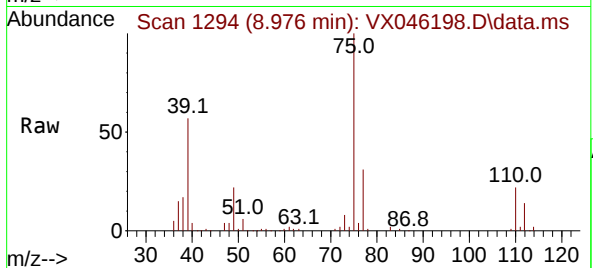
VSTDCCC050EC

Tgt Ion: 75 Resp: 78041

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.882 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

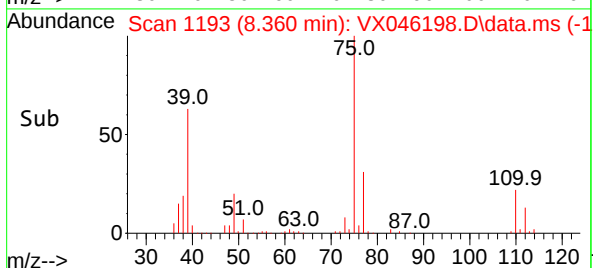
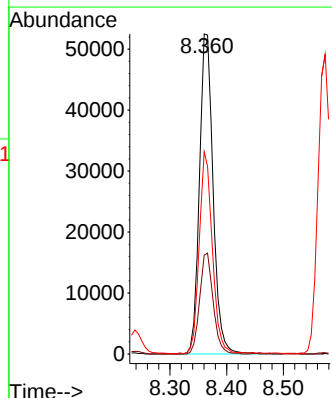
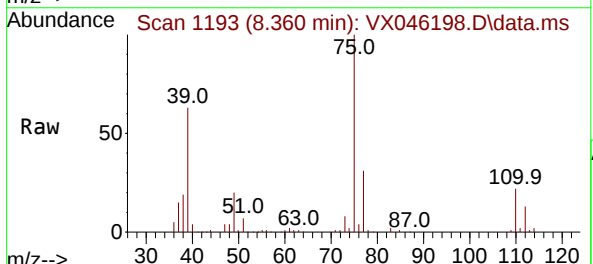
Tgt Ion: 75 Resp: 87961

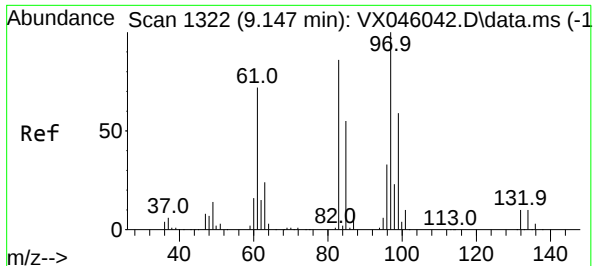
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0

39 63.0 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 54.342 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 55493

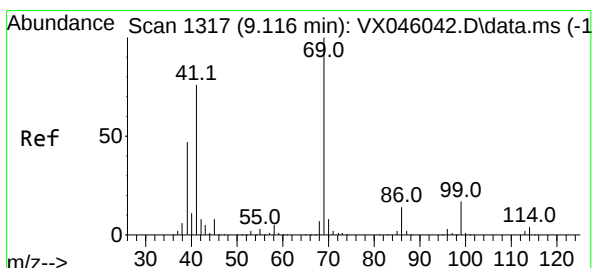
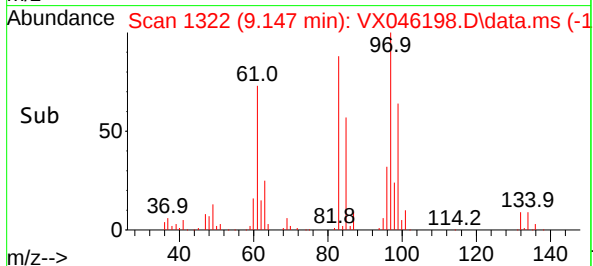
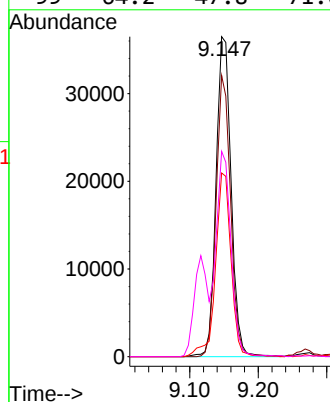
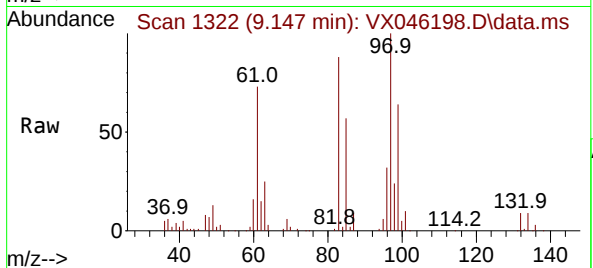
Ion Ratio Lower Upper

97 100

83 87.8 69.0 103.6

85 57.4 44.3 66.5

99 64.2 47.8 71.6



#56

Ethyl methacrylate

Concen: 56.301 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

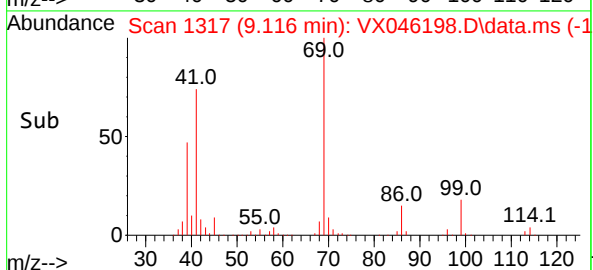
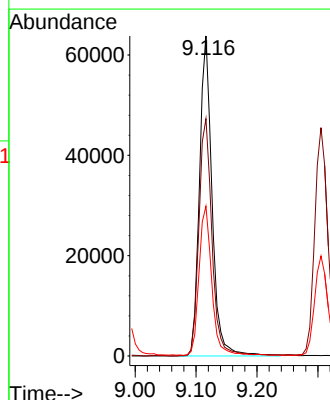
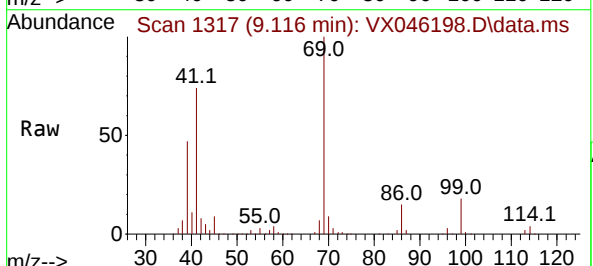
Tgt Ion: 69 Resp: 91632

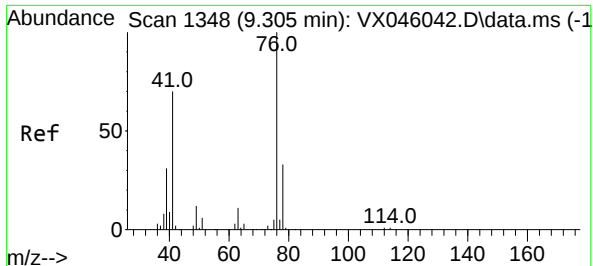
Ion Ratio Lower Upper

69 100

41 77.8 60.8 91.2

39 46.9 39.0 58.6





#57

1,3-Dichloropropane

Concen: 53.526 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

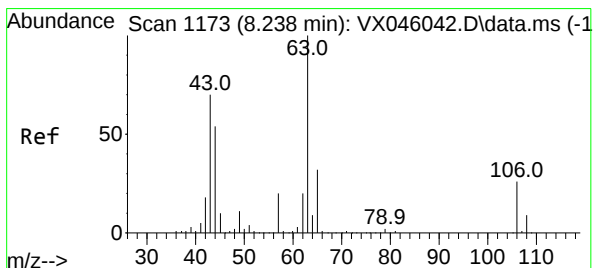
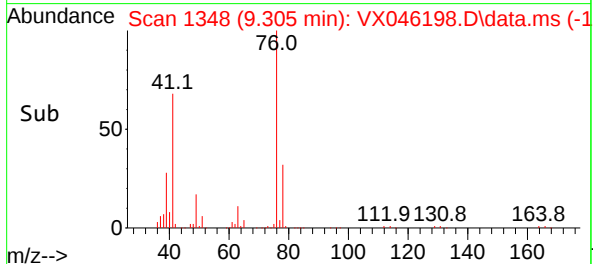
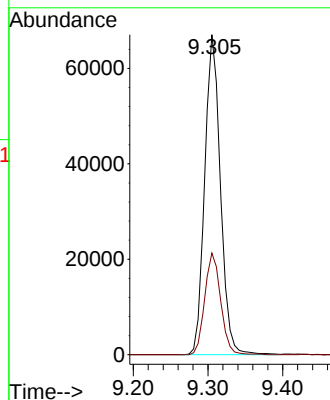
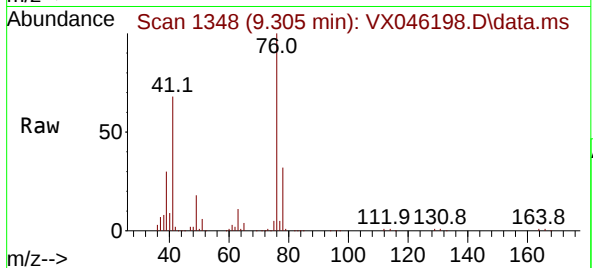
VSTDCCC050EC

Tgt Ion: 76 Resp: 98165

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 276.135 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046198.D

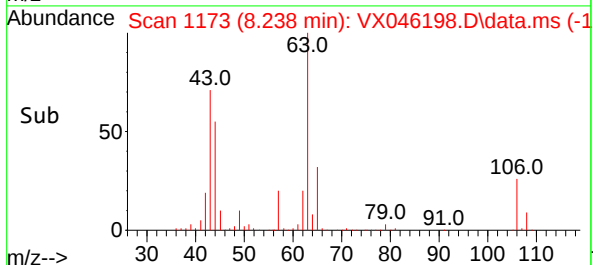
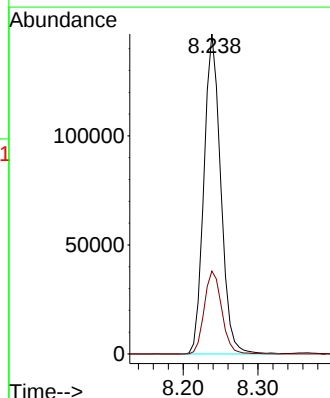
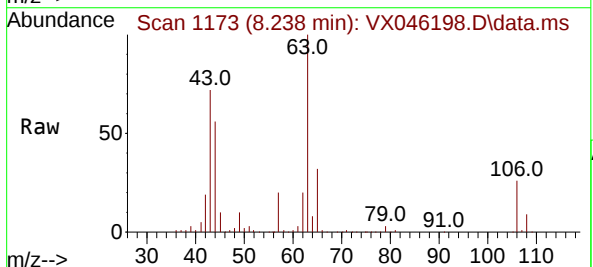
Acq: 14 May 2025 16:42

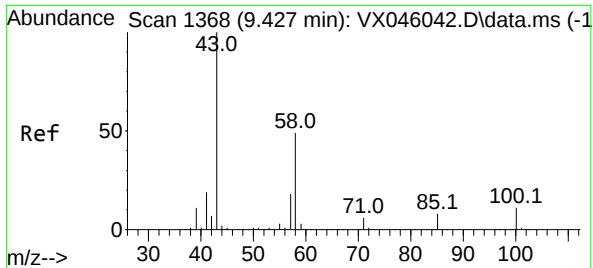
Tgt Ion: 63 Resp: 229122

Ion Ratio Lower Upper

63 100

106 26.9 21.5 32.3

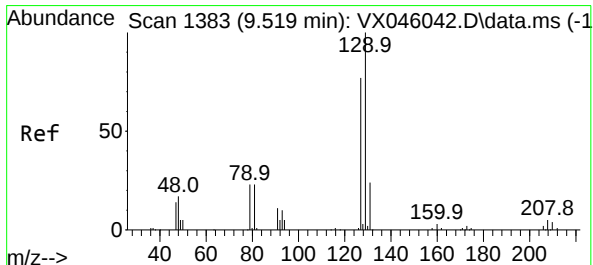
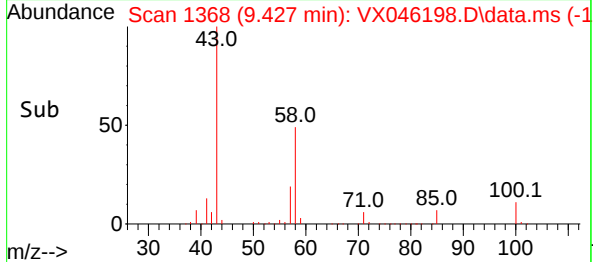
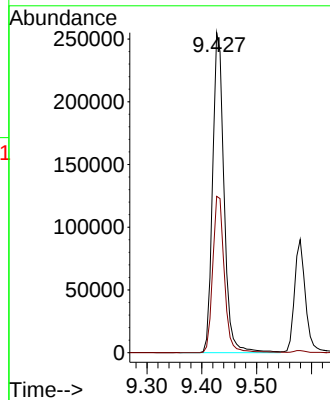
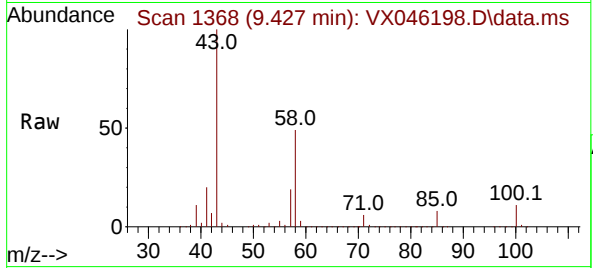




#59
2-Hexanone
Concen: 275.649 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

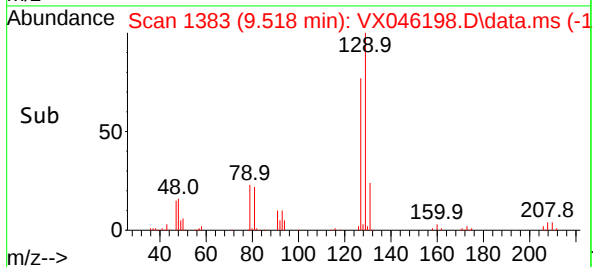
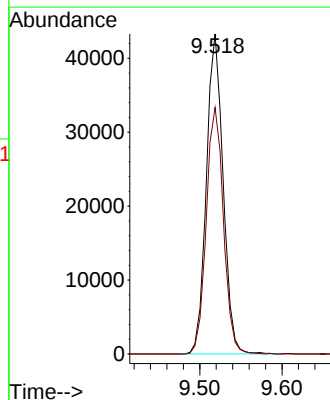
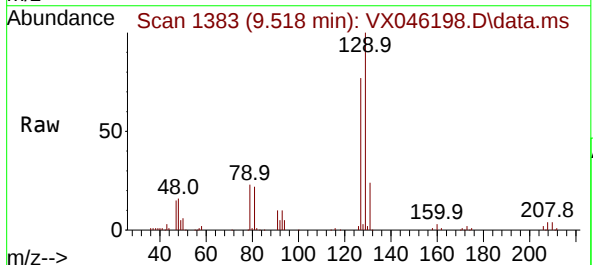
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

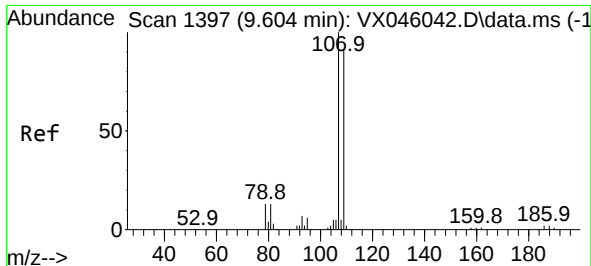
Tgt Ion: 43 Resp: 367908
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.6



#60
Dibromochloromethane
Concen: 54.519 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 129 Resp: 61142
Ion Ratio Lower Upper
129 100
127 79.1 39.3 117.8

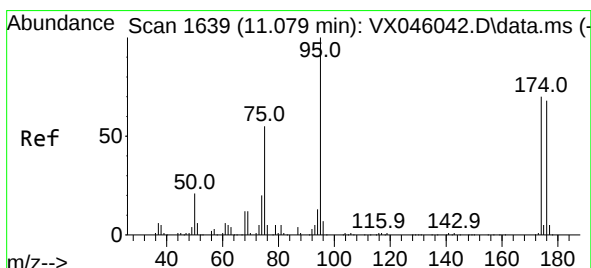
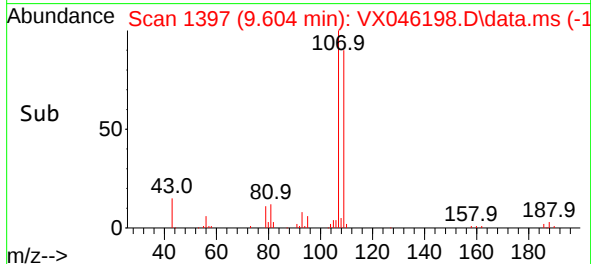
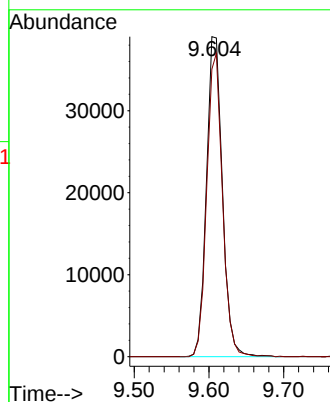
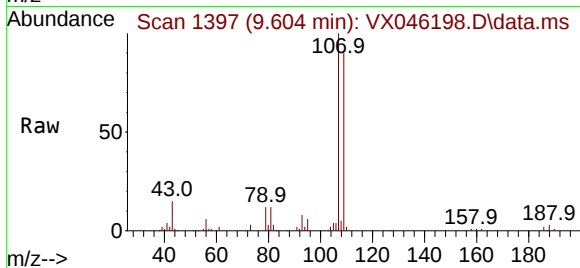




#61
1,2-Dibromoethane
Concen: 54.453 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

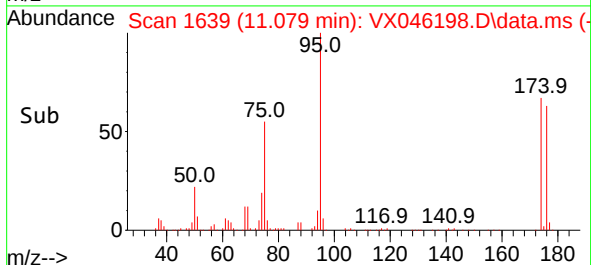
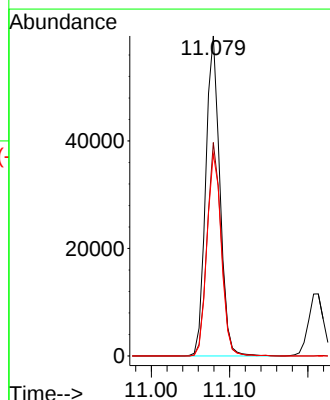
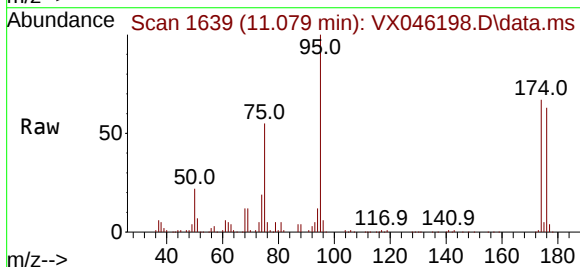
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

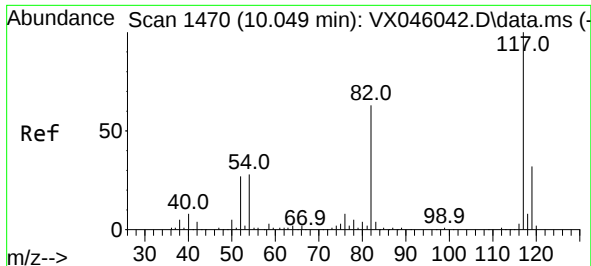
Tgt Ion:107 Resp: 57795
Ion Ratio Lower Upper
107 100
109 93.3 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 52.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 95 Resp: 74437
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.3 0.0 131.4

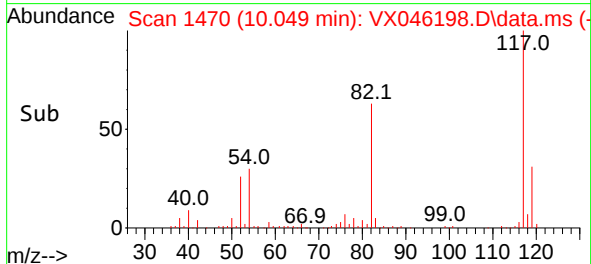
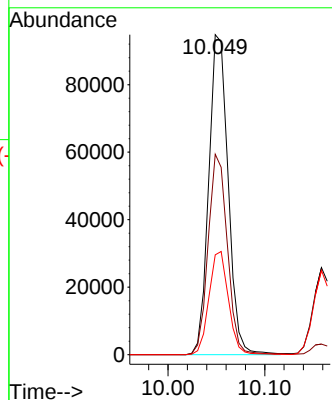
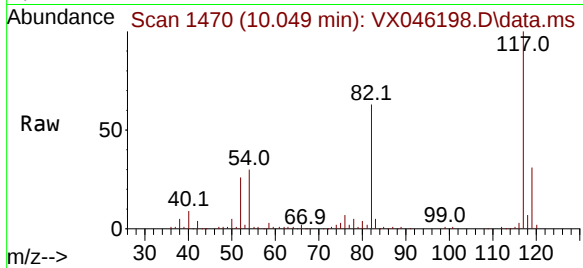




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

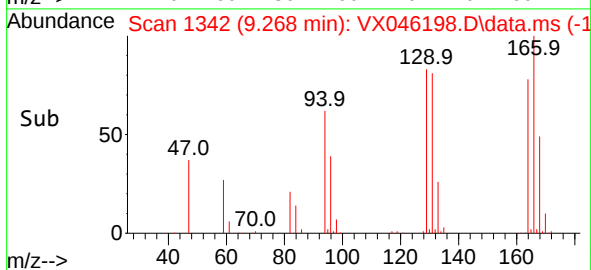
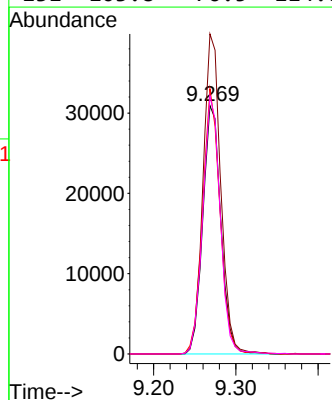
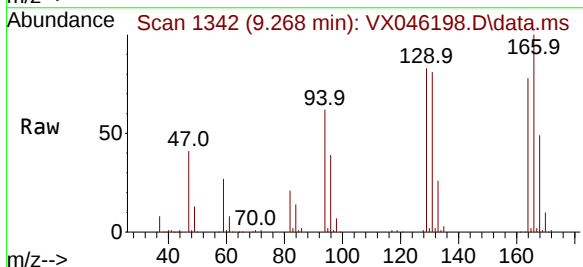
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

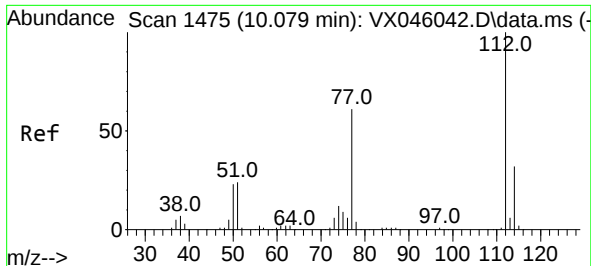
Tgt Ion:117 Resp: 131939
Ion Ratio Lower Upper
117 100
82 62.7 50.6 76.0
119 31.2 25.8 38.6



#64
Tetrachloroethene
Concen: 50.415 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion:164 Resp: 47064
Ion Ratio Lower Upper
164 100
166 128.9 105.0 157.6
129 106.8 83.5 125.3
131 103.8 76.5 114.7

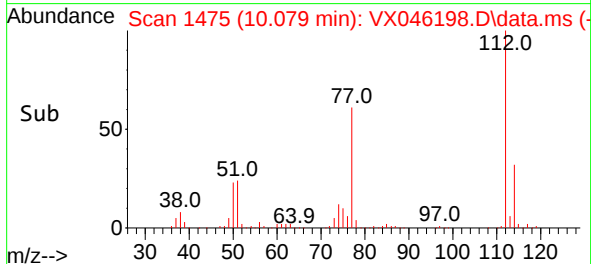
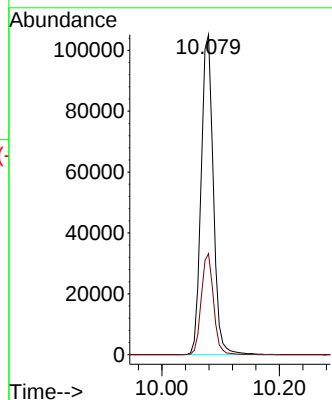
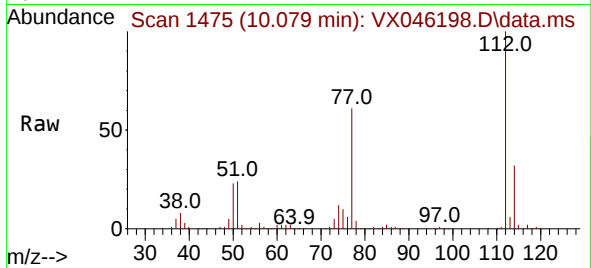




#65
Chlorobenzene
Concen: 52.266 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

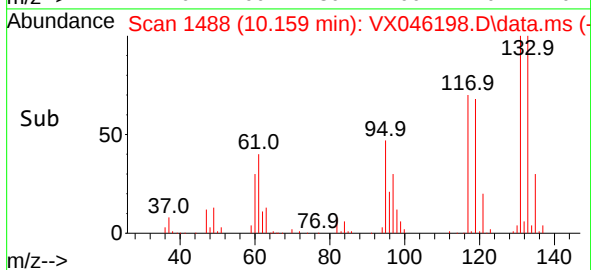
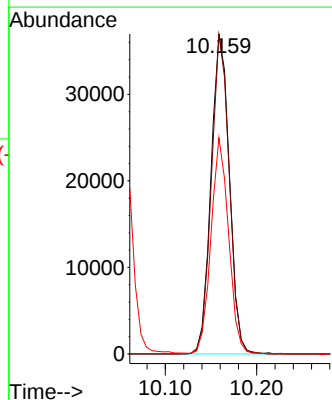
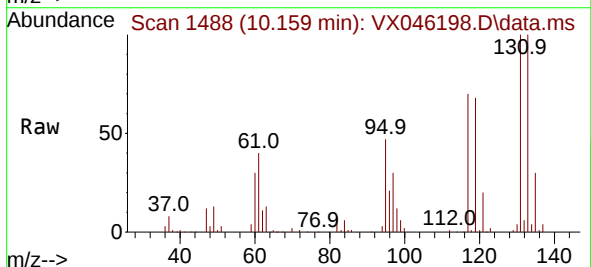
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

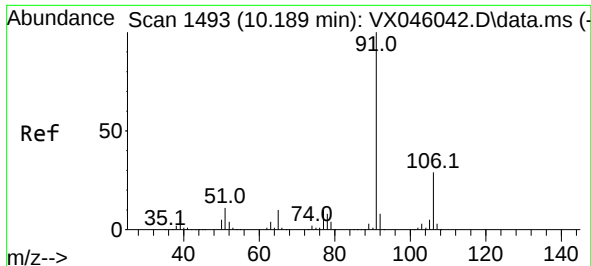
Tgt Ion:112 Resp: 150934
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.187 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion:131 Resp: 51462
Ion Ratio Lower Upper
131 100
133 97.0 47.3 141.9
119 64.8 31.6 95.0

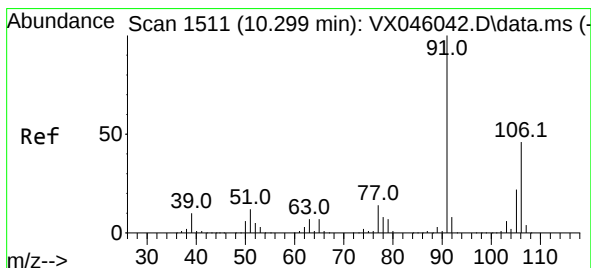
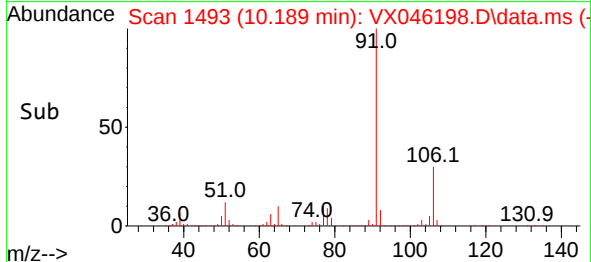
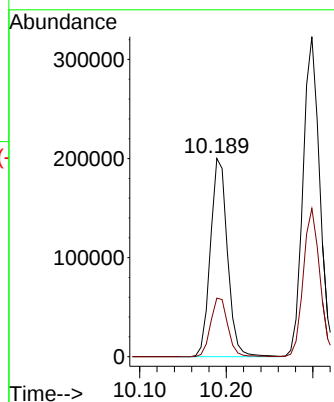
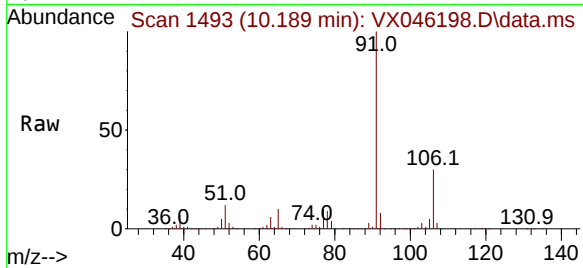




#67
Ethyl Benzene
Concen: 53.789 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

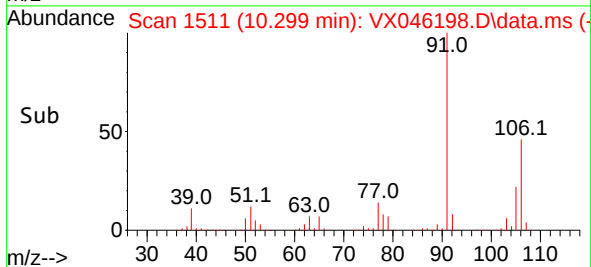
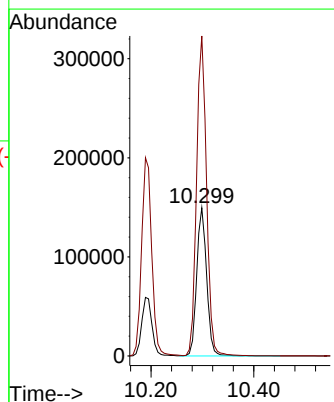
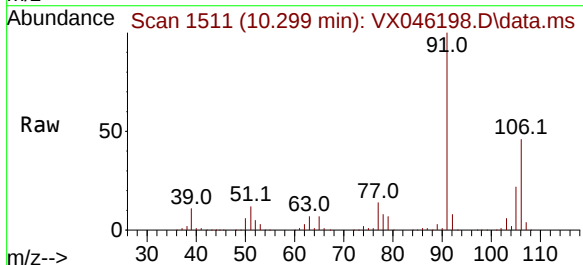
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

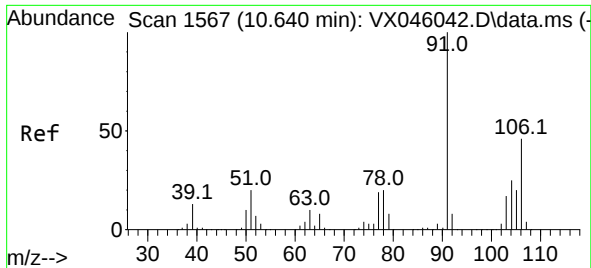
Tgt Ion: 91 Resp: 273809
Ion Ratio Lower Upper
91 100
106 29.6 23.4 35.2



#68
m/p-Xylenes
Concen: 108.255 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion:106 Resp: 201549
Ion Ratio Lower Upper
106 100
91 216.4 171.2 256.8

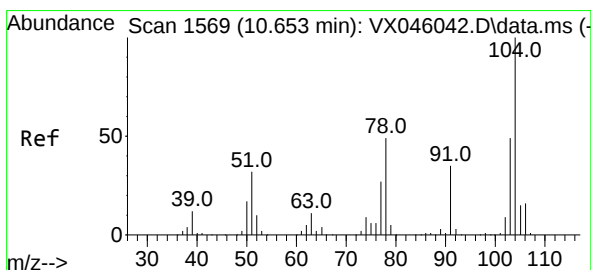
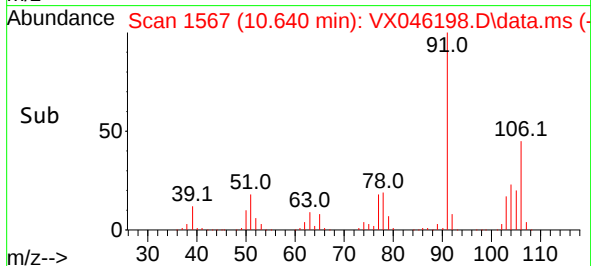
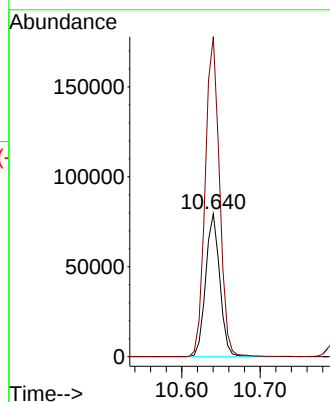
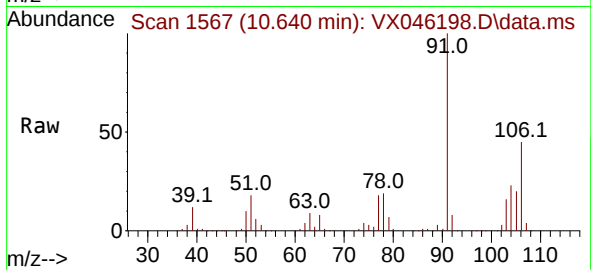




#69
o-Xylene
Concen: 54.613 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

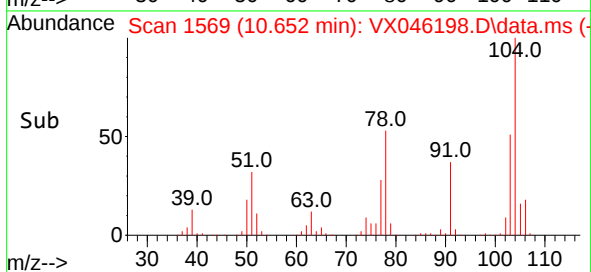
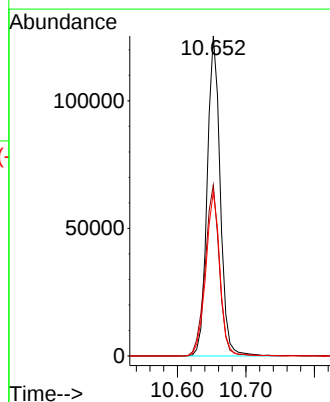
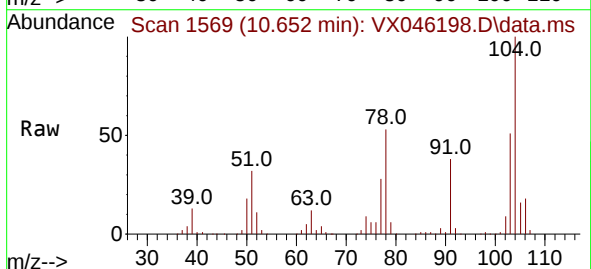
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

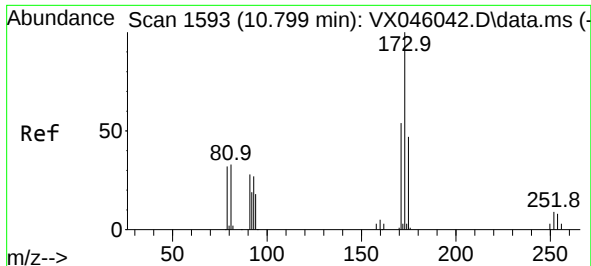
Tgt Ion:106 Resp: 99126
Ion Ratio Lower Upper
106 100
91 226.9 112.7 338.1



#70
Styrene
Concen: 55.892 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion:104 Resp: 166184
Ion Ratio Lower Upper
104 100
78 58.5 45.7 68.5
103 55.7 43.7 65.5

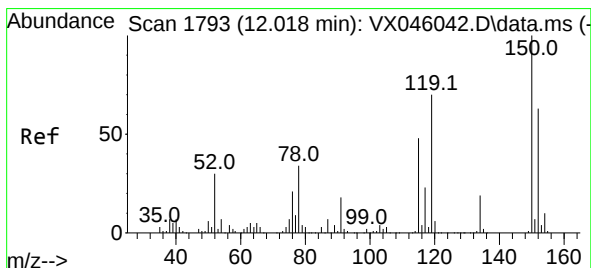
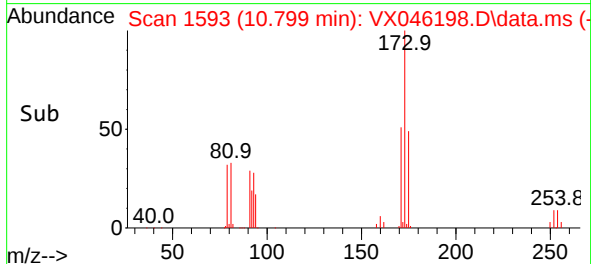
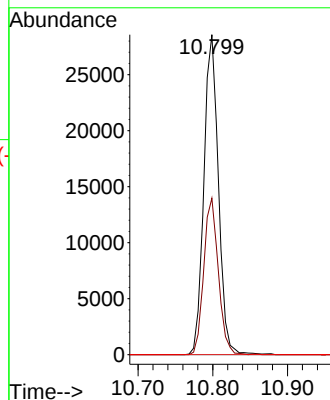
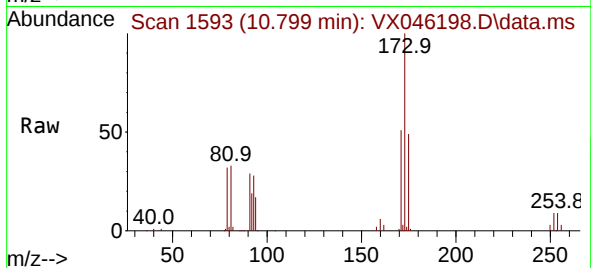




#71
Bromoform
Concen: 52.072 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

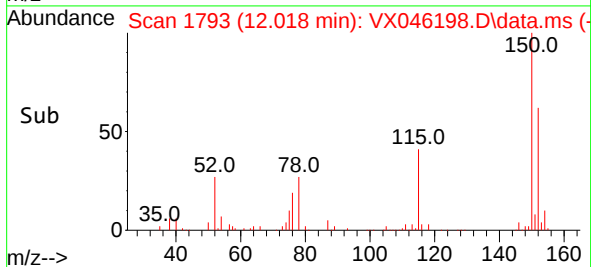
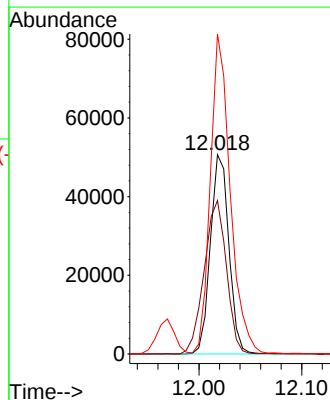
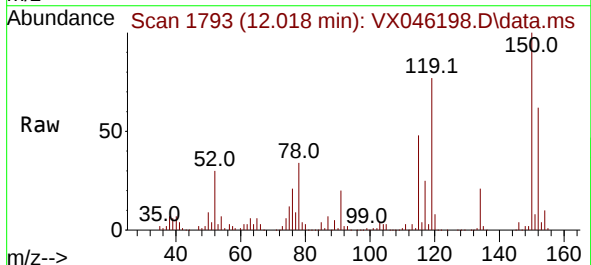
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

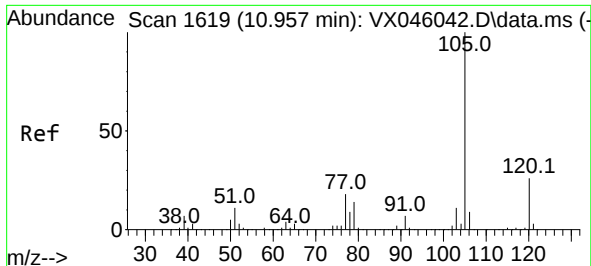
Tgt Ion:173 Resp: 38551
Ion Ratio Lower Upper
173 100
175 48.9 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion:152 Resp: 63176
Ion Ratio Lower Upper
152 100
115 92.9 46.9 140.7
150 172.3 0.0 351.0

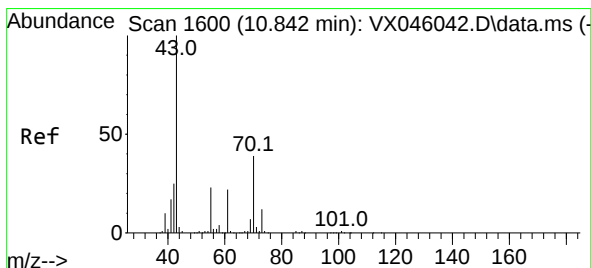
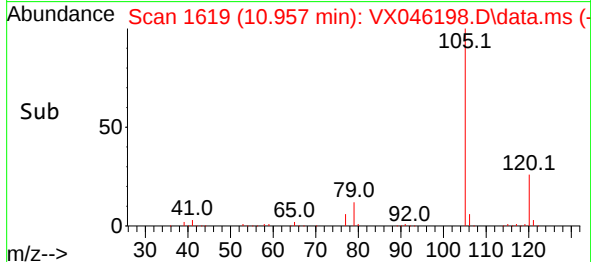
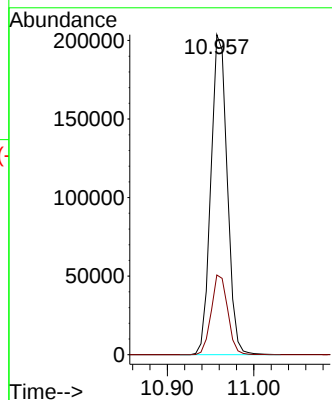
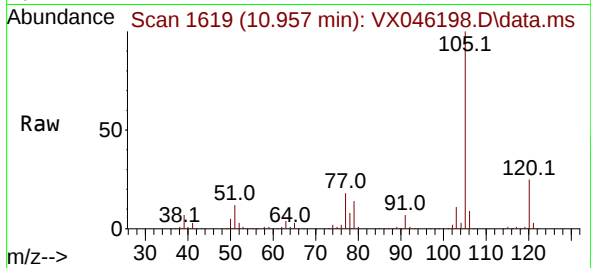




#73
Isopropylbenzene
Concen: 54.243 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

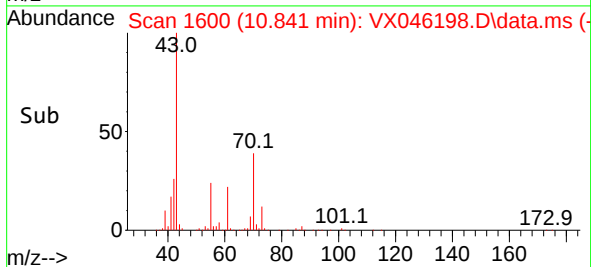
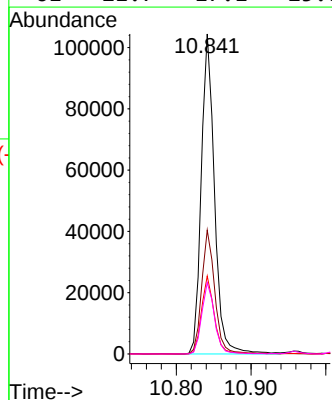
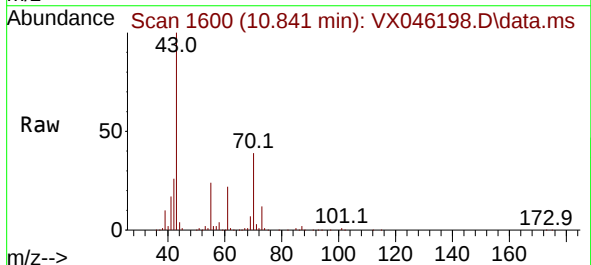
Instrument :
MSVOA_X
ClientSampleId :
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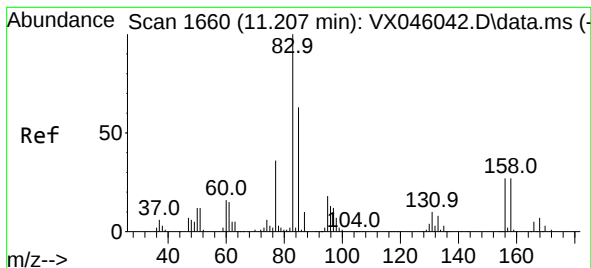
Tgt Ion:105 Resp: 266789
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.4



#74
N-ethyl acetate
Concen: 52.828 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 43 Resp: 128395
Ion Ratio Lower Upper
43 100
70 38.5 30.9 46.3
55 23.6 18.7 28.1
61 21.7 17.1 25.7

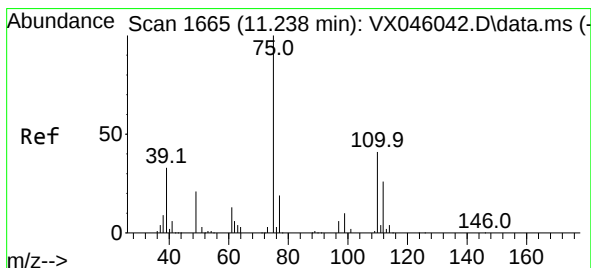
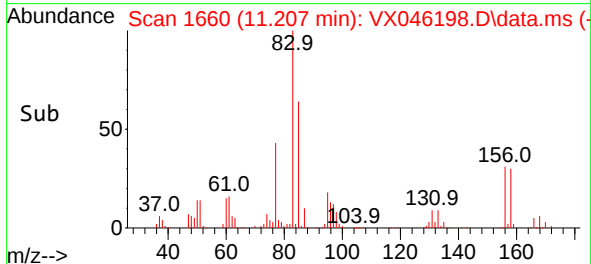
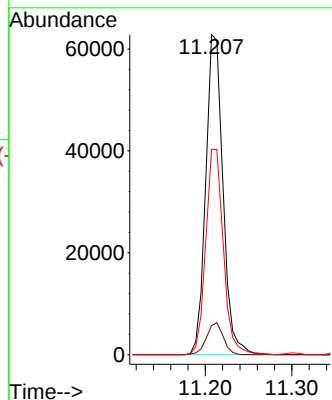
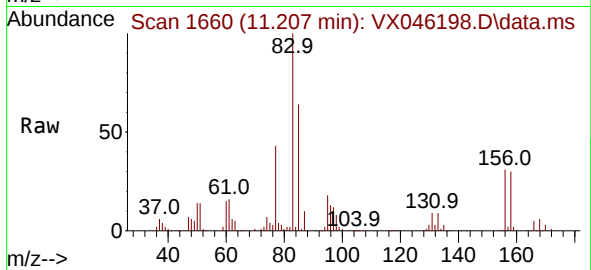




#75
1,1,2,2-Tetrachloroethane
Concen: 50.435 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

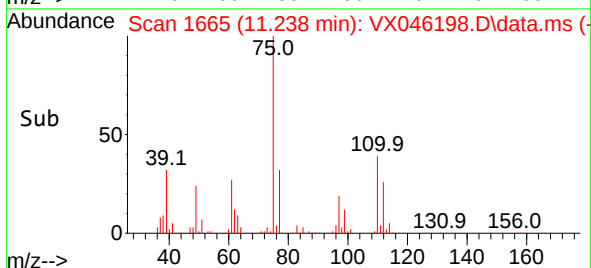
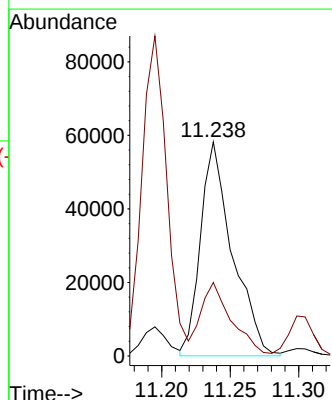
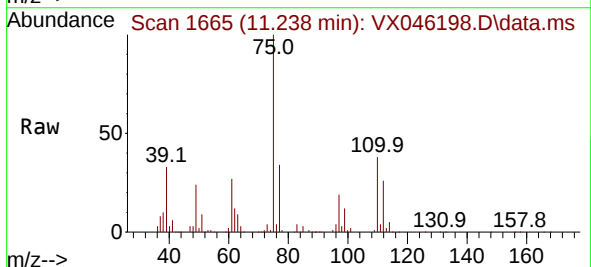
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 86930
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 65.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 62.166 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 75 Resp: 94535
Ion Ratio Lower Upper
75 100
77 33.2 20.5 61.5

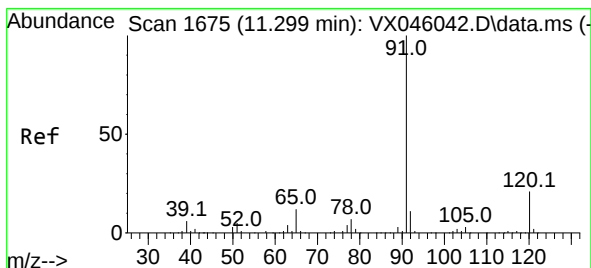
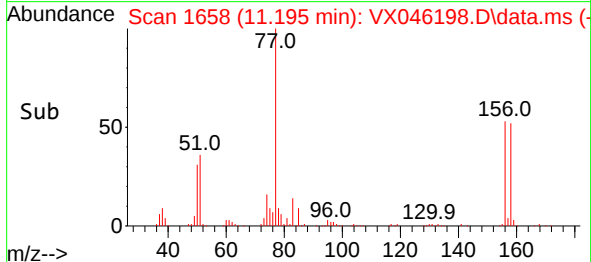
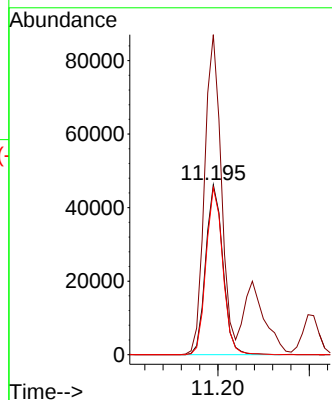
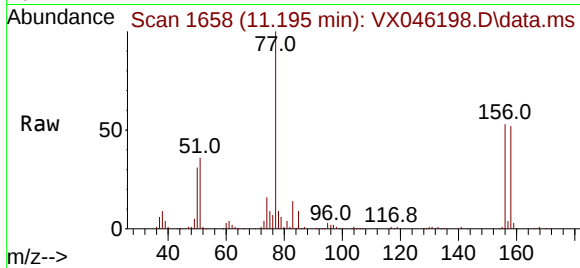




#77
Bromobenzene
Concen: 52.534 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

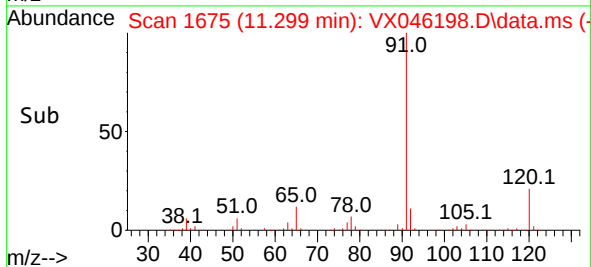
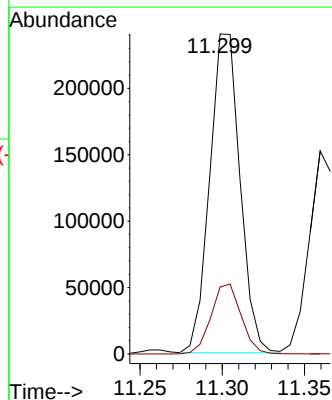
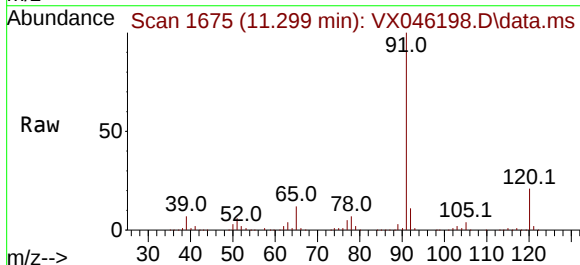
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 59987
Ion Ratio Lower Upper
156 100
77 184.3 92.8 278.3
158 96.3 48.8 146.3



#78
n-propylbenzene
Concen: 53.795 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 91 Resp: 307644
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4

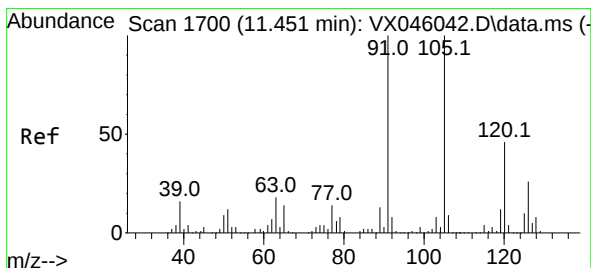
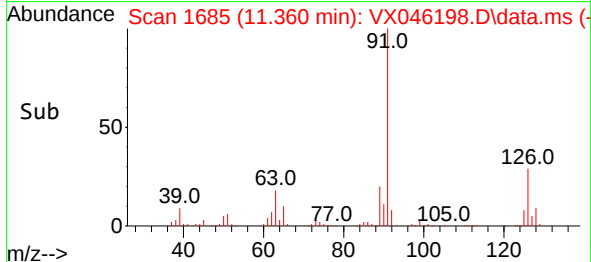
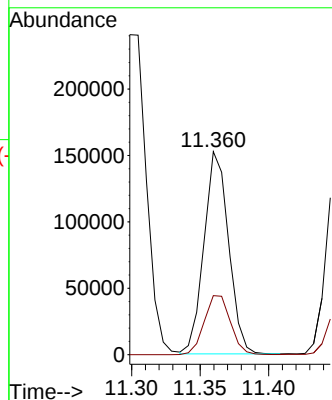
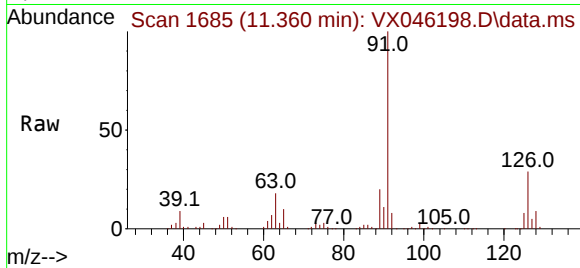




#79
2-Chlorotoluene
Concen: 51.606 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

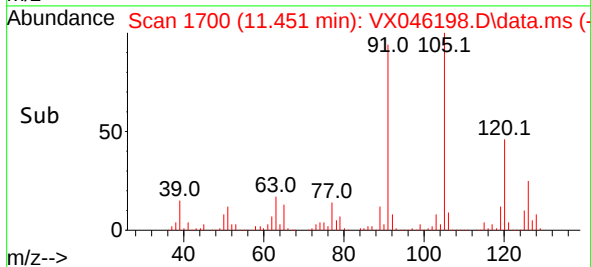
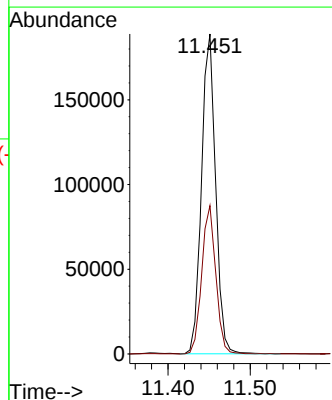
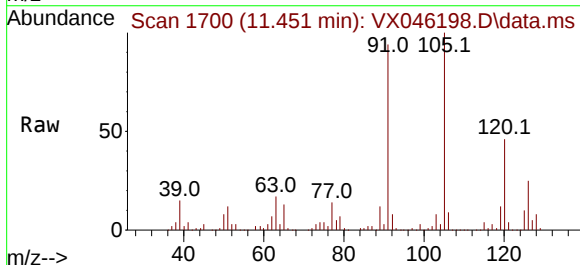
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 190361
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 54.635 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 105 Resp: 224497
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2

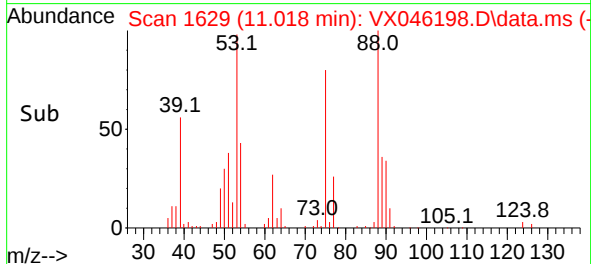
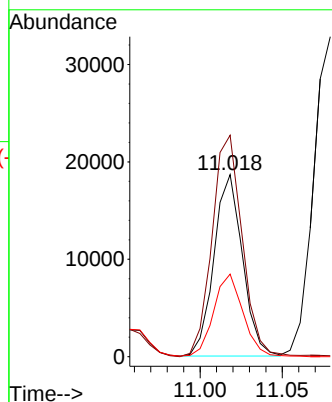
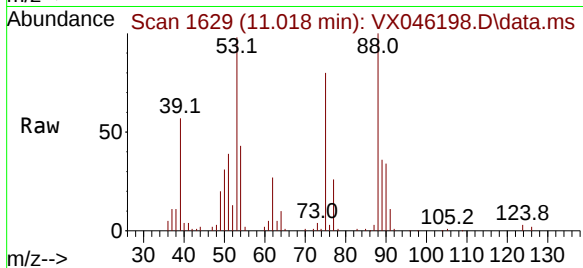




#81
trans-1,4-Dichloro-2-butene
Concen: 48.163 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

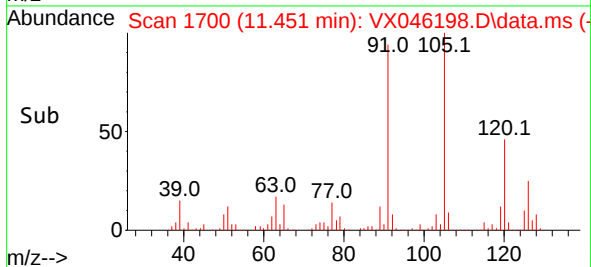
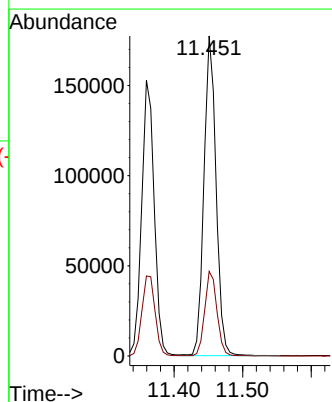
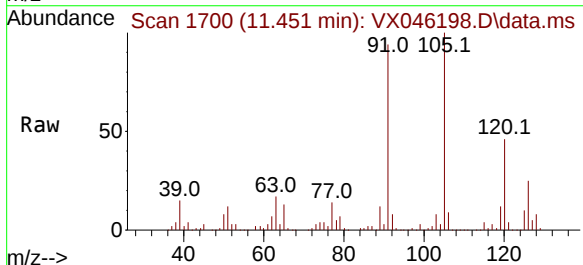
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

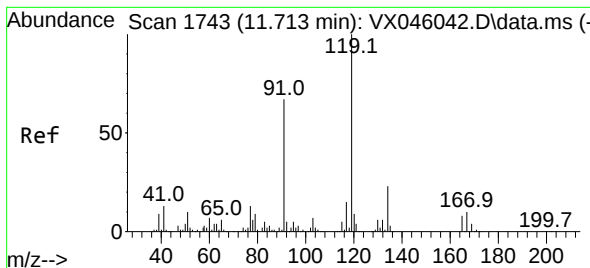
Tgt Ion: 75 Resp: 22496
Ion Ratio Lower Upper
75 100
53 129.9 100.5 150.7
89 46.9 37.0 55.6



#82
4-Chlorotoluene
Concen: 53.520 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 91 Resp: 218932
Ion Ratio Lower Upper
91 100
126 26.7 13.3 39.8





#83

tert-Butylbenzene

Concen: 53.174 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

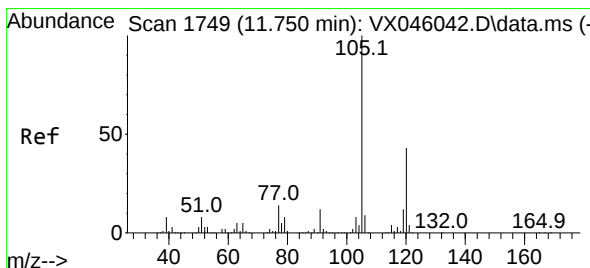
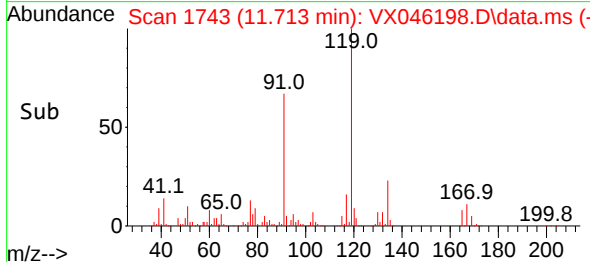
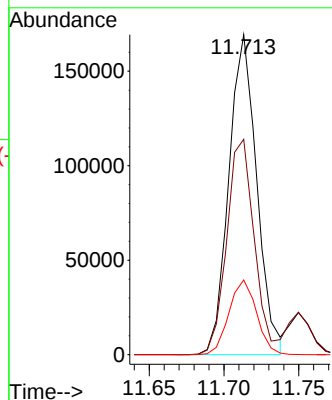
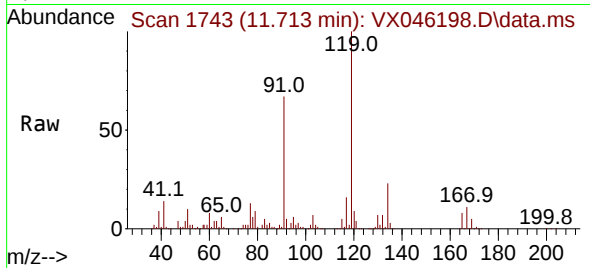
Tgt Ion:119 Resp: 220082

Ion Ratio Lower Upper

119 100

91 67.0 32.9 98.7

134 23.1 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 54.256 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046198.D

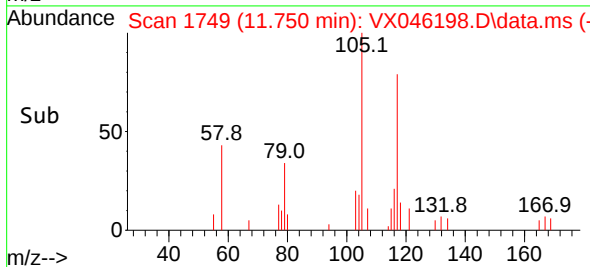
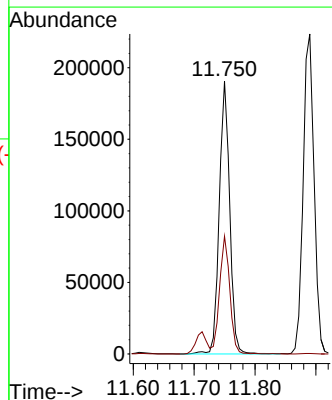
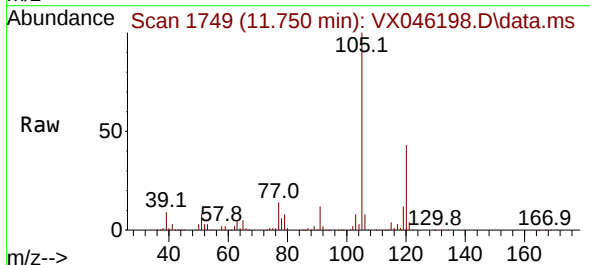
Acq: 14 May 2025 16:42

Tgt Ion:105 Resp: 225764

Ion Ratio Lower Upper

105 100

120 42.3 21.2 63.6

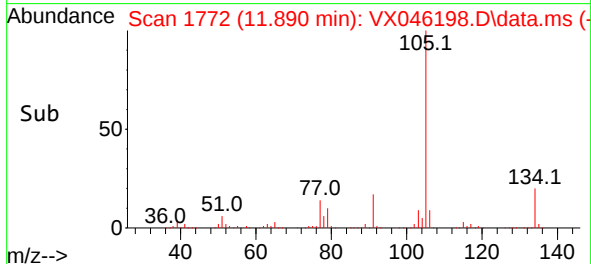
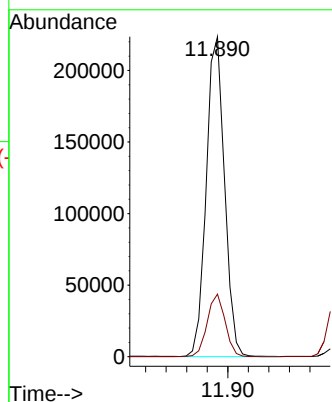
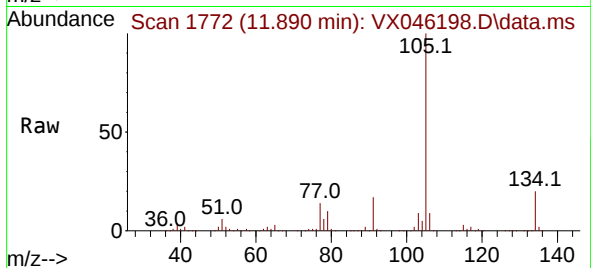




#85
 sec-Butylbenzene
 Concen: 54.497 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046198.D
 Acq: 14 May 2025 16:42

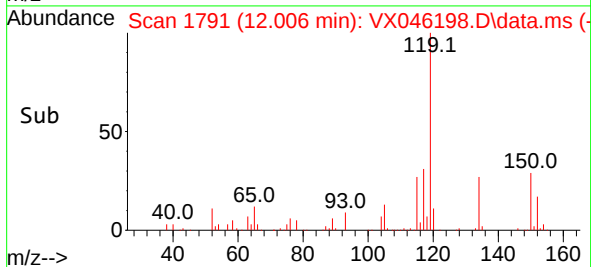
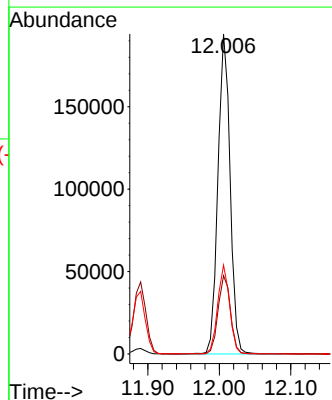
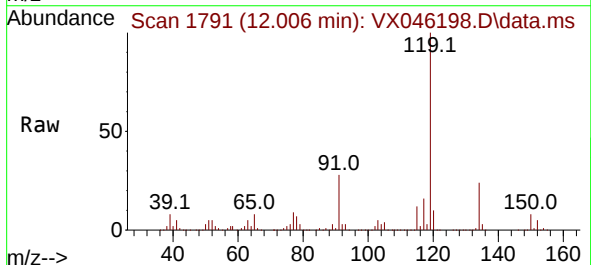
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 276947
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 54.526 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046198.D
 Acq: 14 May 2025 16:42

Tgt Ion:119 Resp: 228723
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.5 37.5
 91 27.3 13.8 41.4

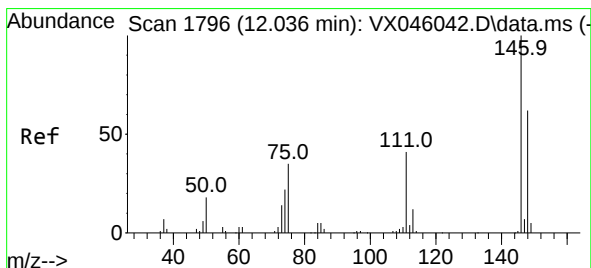
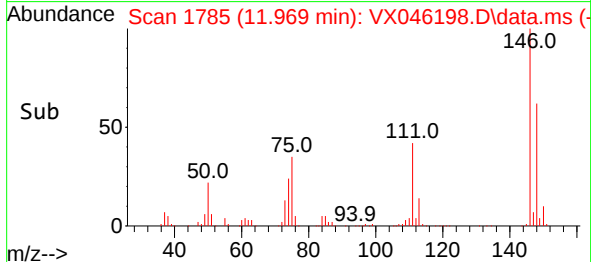
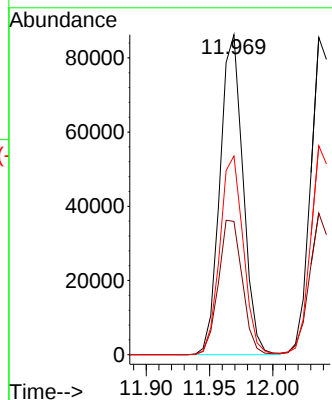
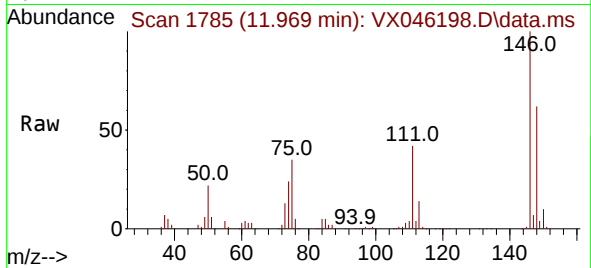




#87
1,3-Dichlorobenzene
Concen: 52.485 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

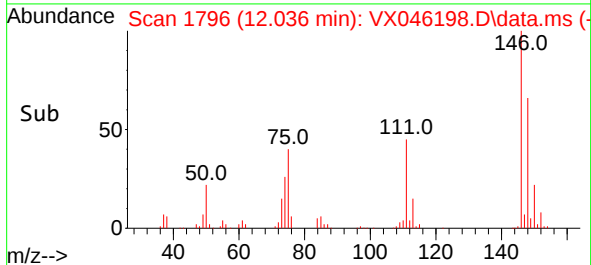
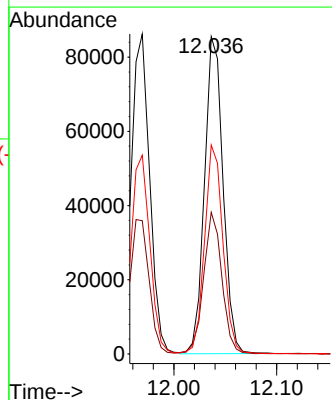
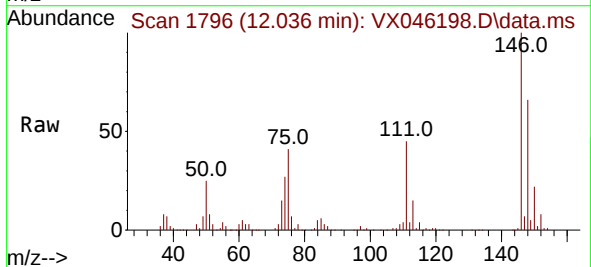
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

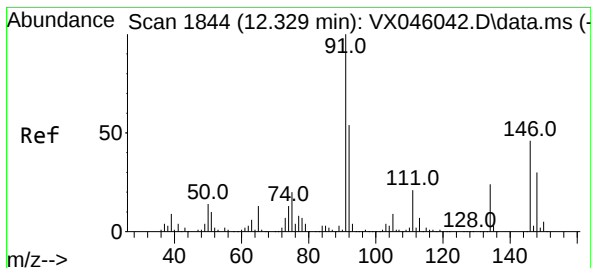
Tgt Ion:146 Resp: 109378
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.3
148 63.1 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 50.361 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion:146 Resp: 107183
Ion Ratio Lower Upper
146 100
111 44.1 21.3 63.9
148 65.5 31.9 95.5





#89

n-Butylbenzene

Concen: 54.109 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

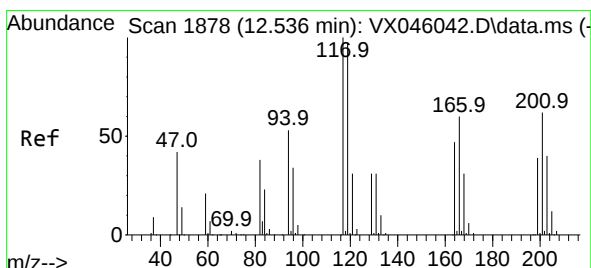
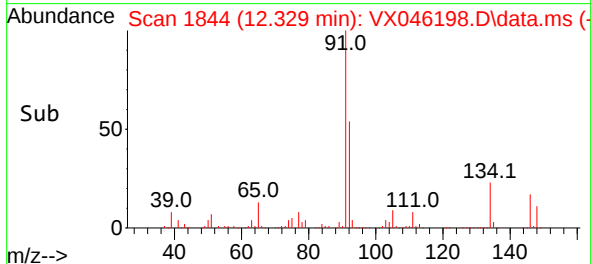
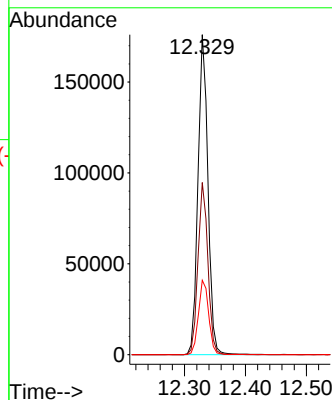
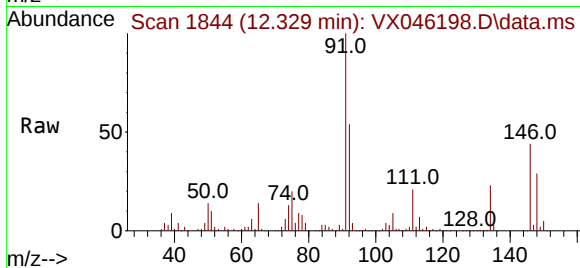
Tgt Ion: 91 Resp: 199097

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.7

134 24.0 11.8 35.3



#90

Hexachloroethane

Concen: 50.732 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046198.D

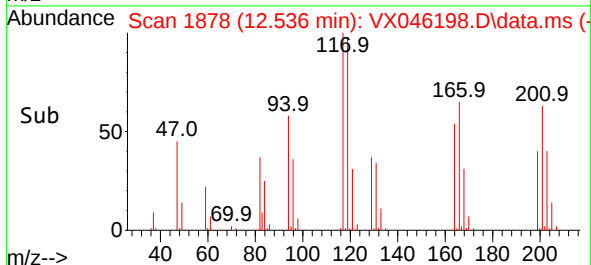
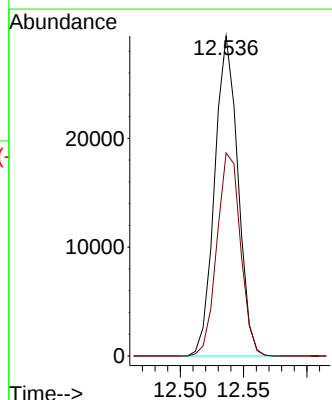
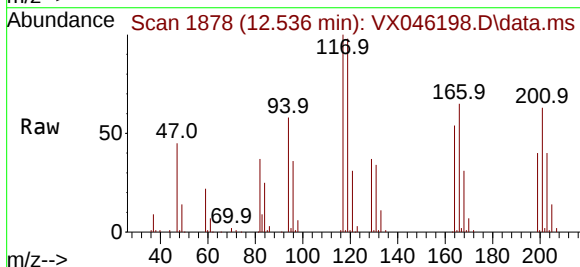
Acq: 14 May 2025 16:42

Tgt Ion: 117 Resp: 37492

Ion Ratio Lower Upper

117 100

201 64.6 31.6 94.7

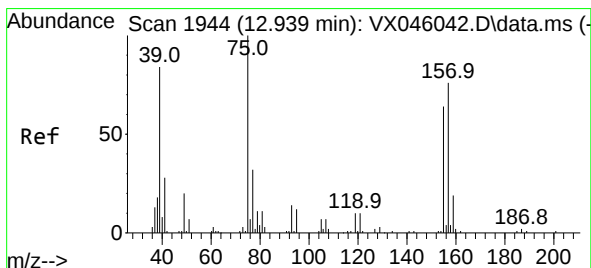
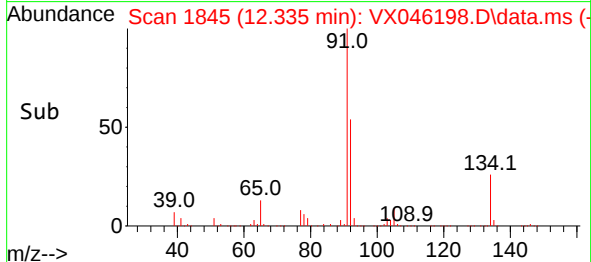
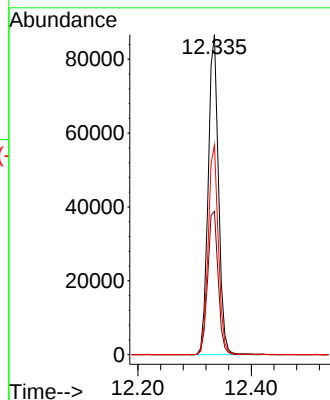
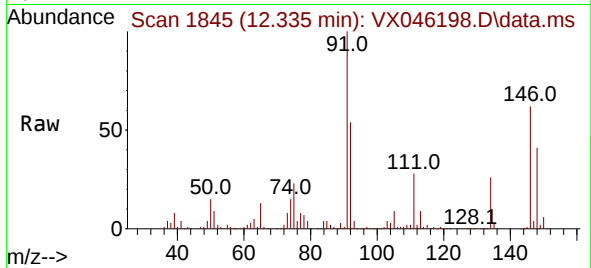




#91
1,2-Dichlorobenzene
Concen: 52.305 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

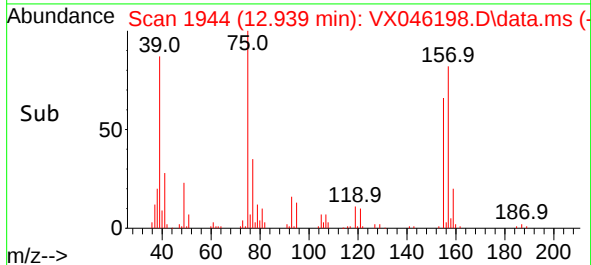
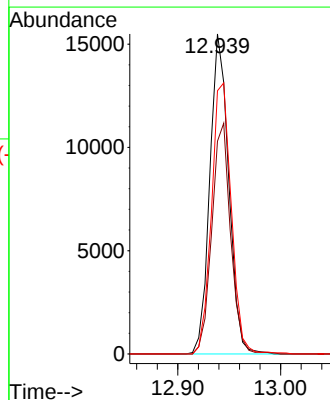
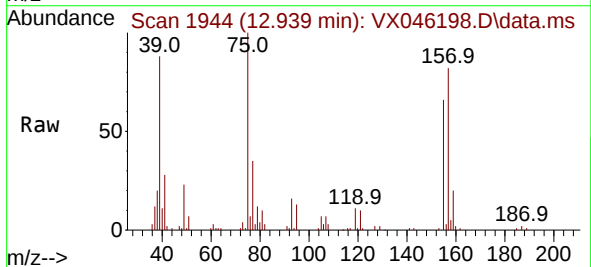
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 109382
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.3
148 64.5 31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.701 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion: 75 Resp: 19741
Ion Ratio Lower Upper
75 100
155 72.0 34.9 104.8
157 88.9 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 53.185 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

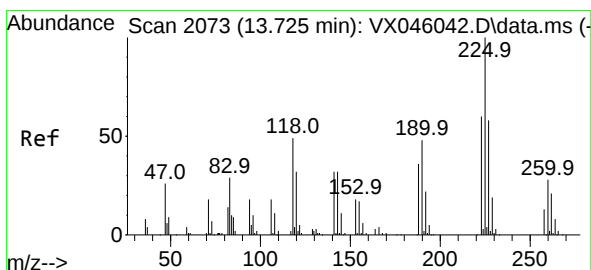
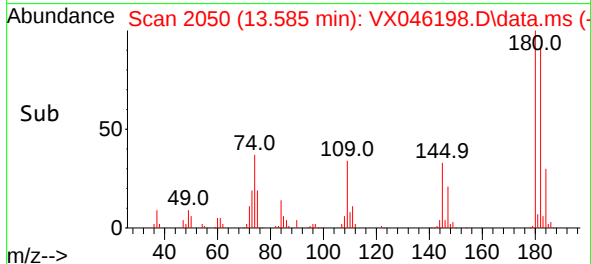
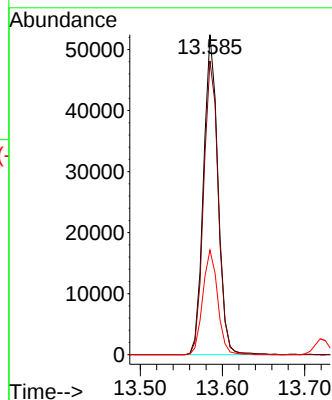
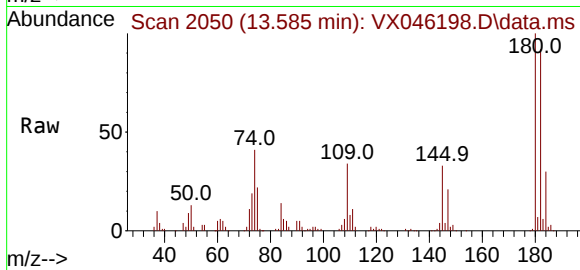
Tgt Ion:180 Resp: 63882

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.8

145 33.7 17.1 51.2



#94

Hexachlorobutadiene

Concen: 51.771 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX046198.D

Acq: 14 May 2025 16:42

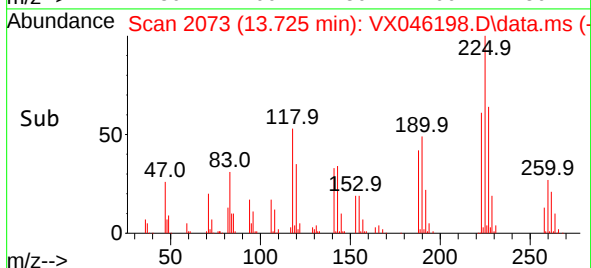
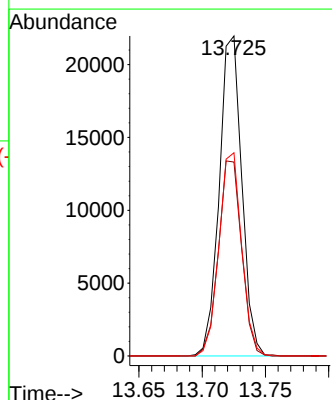
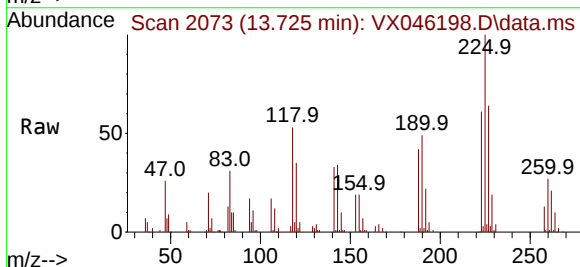
Tgt Ion:225 Resp: 27158

Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.4

227 64.1 30.9 92.7

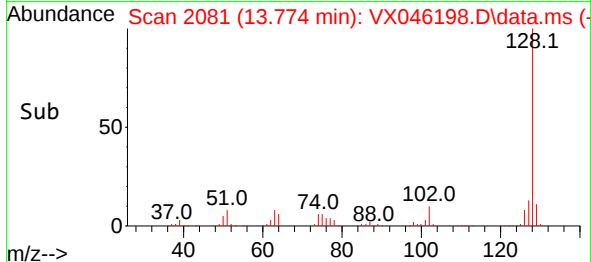
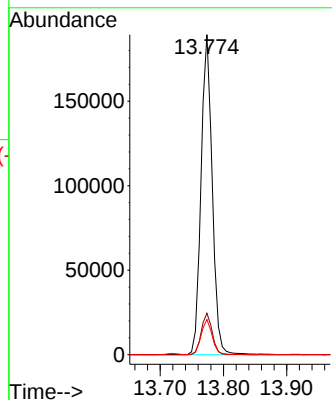
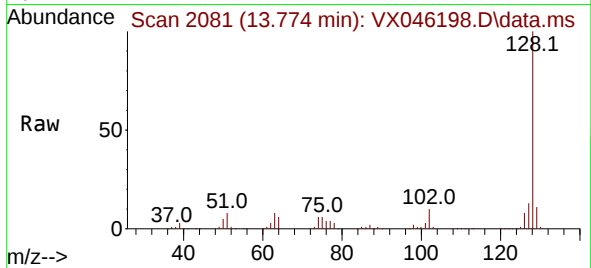




#95
Naphthalene
Concen: 52.969 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 233346
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.997 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046198.D
Acq: 14 May 2025 16:42

Tgt Ion:180 Resp: 65682
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.3
145 36.3 18.1 54.3

