

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047016.D
 Acq On : 16 Jul 2025 09:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 17 03:26:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	329194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	557691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	242580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	227784	52.377	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.760%	
35) Dibromofluoromethane	5.391	113	186872	49.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.720%	
50) Toluene-d8	8.647	98	624373	46.747	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.500%	
62) 4-Bromofluorobenzene	11.079	95	249828	49.215	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.440%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.179	85	150869	47.921	ug/l	98
3) Chloromethane	1.307	50	160931	46.787	ug/l	97
4) Vinyl Chloride	1.386	62	181170	48.367	ug/l	98
5) Bromomethane	1.618	94	108692	45.161	ug/l	98
6) Chloroethane	1.697	64	119884	48.469	ug/l	97
7) Trichlorofluoromethane	1.904	101	295330	50.991	ug/l	99
8) Diethyl Ether	2.148	74	112682	54.670	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	189580	51.369	ug/l	100
10) Methyl Iodide	2.465	142	172862	42.993	ug/l	95
11) Tert butyl alcohol	2.959	59	110234	386.477	ug/l	99
12) 1,1-Dichloroethene	2.331	96	176000	49.305	ug/l	95
13) Acrolein	2.245	56	84732	268.622	ug/l	98
14) Allyl chloride	2.678	41	336939	53.017	ug/l	99
15) Acrylonitrile	3.068	53	505824	306.730	ug/l	100
16) Acetone	2.386	43	412201	305.134	ug/l	95
17) Carbon Disulfide	2.526	76	363615	38.842	ug/l	98
18) Methyl Acetate	2.715	43	266331	74.800	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	606375	60.153	ug/l	95
20) Methylene Chloride	2.800	84	203157	50.858	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	177141	48.496	ug/l	98
22) Diisopropyl ether	3.770	45	700243	57.031	ug/l	98
23) Vinyl Acetate	3.727	43	2623382	285.194	ug/l	99
24) 1,1-Dichloroethane	3.617	63	367114	52.427	ug/l	99
25) 2-Butanone	4.556	43	596838	331.149	ug/l	98
26) 2,2-Dichloropropane	4.483	77	276849	53.124	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	228023	51.130	ug/l	97
28) Bromochloromethane	4.904	49	184178	53.294	ug/l	97
29) Tetrahydrofuran	5.007	42	374504	325.963	ug/l	99
30) Chloroform	5.099	83	372241	52.033	ug/l	99
31) Cyclohexane	5.483	56	291459	46.885	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	313916	52.522	ug/l	99
36) 1,1-Dichloropropene	5.696	75	239871	46.963	ug/l	99
37) Ethyl Acetate	4.721	43	240378	55.256	ug/l	100
38) Carbon Tetrachloride	5.678	117	261207	48.373	ug/l	97
39) Methylcyclohexane	7.385	83	283537	44.378	ug/l	99
40) Benzene	6.044	78	744412	48.186	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	146638	63.189	ug/l	96
42) 1,2-Dichloroethane	6.092	62	270721	51.606	ug/l	100
43) Isopropyl Acetate	6.342	43	411807	61.803	ug/l	99
44) Trichloroethene	7.129	130	186538	46.385	ug/l	100
45) 1,2-Dichloropropane	7.434	63	196465	50.335	ug/l	99
46) Dibromomethane	7.580	93	137353	50.790	ug/l	98
47) Bromodichloromethane	7.824	83	288758	50.006	ug/l	100
48) Methyl methacrylate	7.690	41	211715	61.535	ug/l	98
49) 1,4-Dioxane	7.659	88	53387	1339.175	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1245013	316.598	ug/l	99
52) Toluene	8.720	92	454929	47.521	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	273466	53.065	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	302907	51.495	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	184006	51.604	ug/l	99
56) Ethyl methacrylate	9.116	69	291041	58.971	ug/l	97
57) 1,3-Dichloropropane	9.305	76	314115	51.159	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	794246	285.619	ug/l	99
59) 2-Hexanone	9.427	43	851908	326.601	ug/l	99
60) Dibromochloromethane	9.519	129	212976	49.909	ug/l	98
61) 1,2-Dibromoethane	9.610	107	181210	50.601	ug/l	99
64) Tetrachloroethene	9.275	164	145870	44.753	ug/l	97
65) Chlorobenzene	10.079	112	516158	48.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	178154	50.070	ug/l	99
67) Ethyl Benzene	10.189	91	893535	49.296	ug/l	99
68) m/p-Xylenes	10.299	106	659982	96.627	ug/l	97
69) o-Xylene	10.640	106	326625	49.506	ug/l	100
70) Styrene	10.653	104	573036	50.765	ug/l	98
71) Bromoform	10.799	173	137554	51.994	ug/l #	99
73) Isopropylbenzene	10.957	105	877270	51.445	ug/l	99
74) N-amyl acetate	10.841	43	362904	62.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	262516	55.985	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	277598	74.062	ug/l	87
77) Bromobenzene	11.195	156	209727	49.376	ug/l	95
78) n-propylbenzene	11.299	91	1031313	50.156	ug/l	100
79) 2-Chlorotoluene	11.360	91	618288	50.925	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	709704	51.220	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79380	56.831	ug/l	98
82) 4-Chlorotoluene	11.451	91	716382	51.130	ug/l	99
83) tert-Butylbenzene	11.713	119	733272	51.238	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	710408	50.725	ug/l	95
85) sec-Butylbenzene	11.890	105	900054	49.882	ug/l	100
86) p-Isopropyltoluene	12.006	119	752885	49.827	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	390135	49.111	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	394339	47.697	ug/l	99
89) n-Butylbenzene	12.329	91	697969	49.161	ug/l	99
90) Hexachloroethane	12.536	117	129831	48.469	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	379822	49.340	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	50868	62.024	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	258543	49.437	ug/l	100
94) Hexachlorobutadiene	13.725	225	84355	42.770	ug/l	99
95) Naphthalene	13.774	128	793570	57.585	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	246683	49.921	ug/l	97

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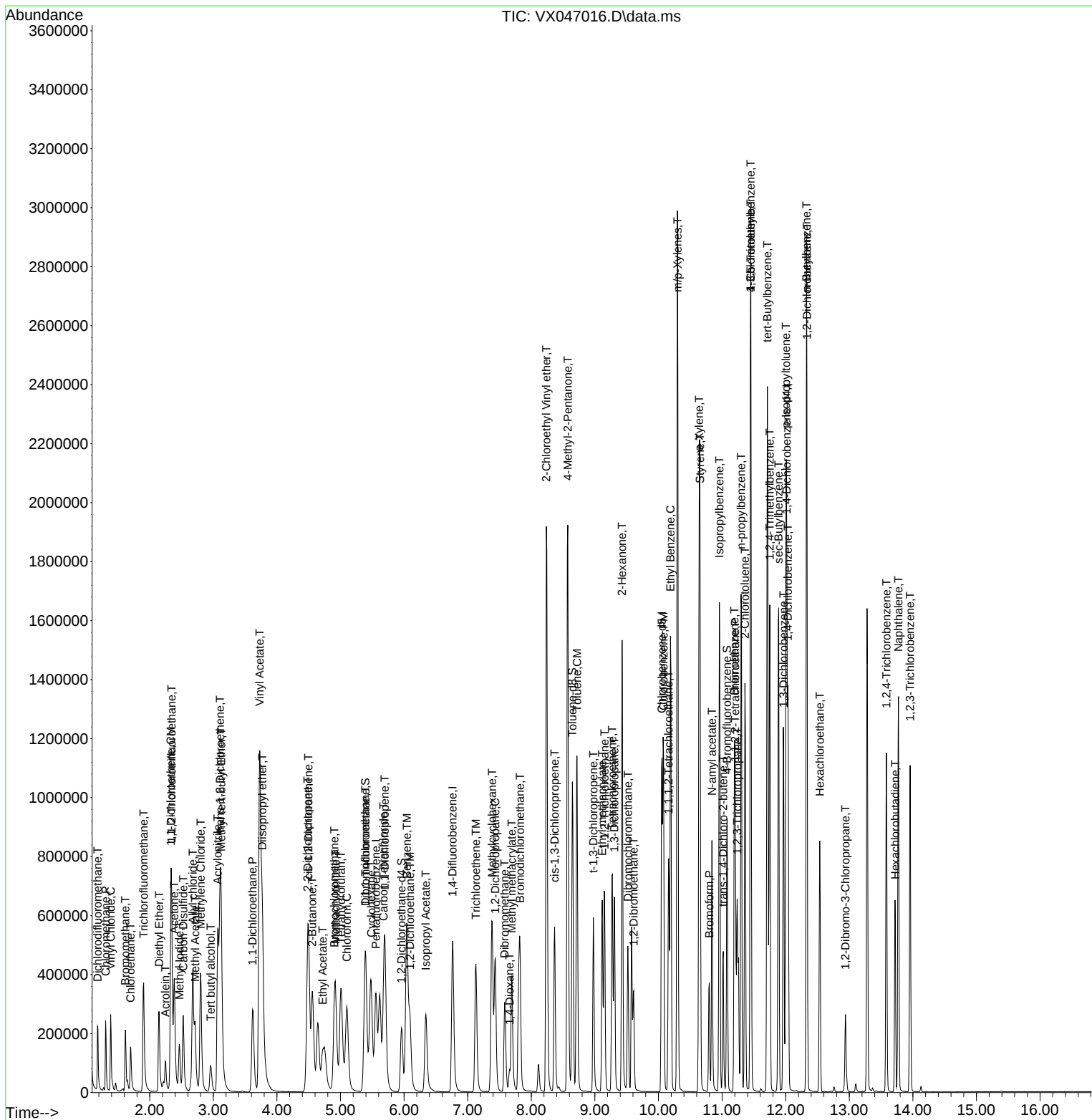
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

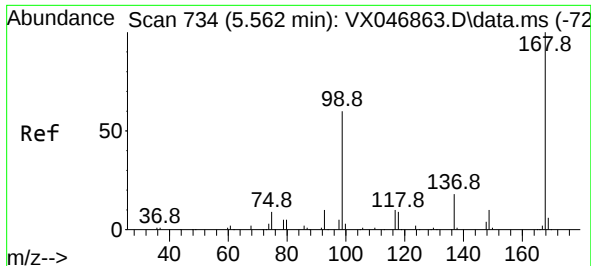
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Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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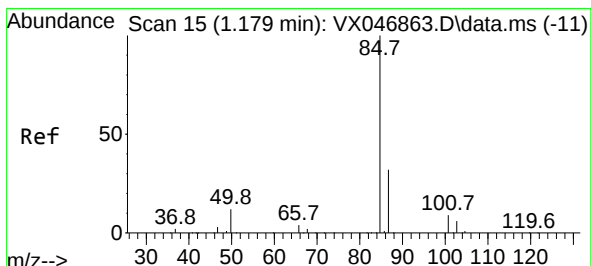
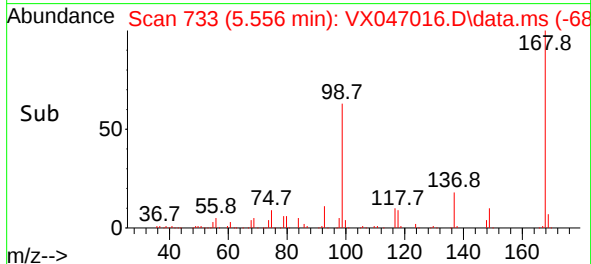
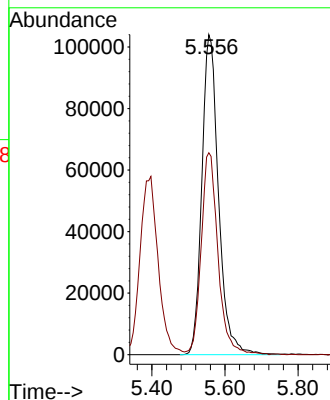
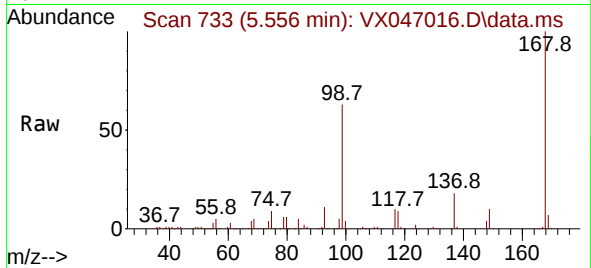




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047016.D
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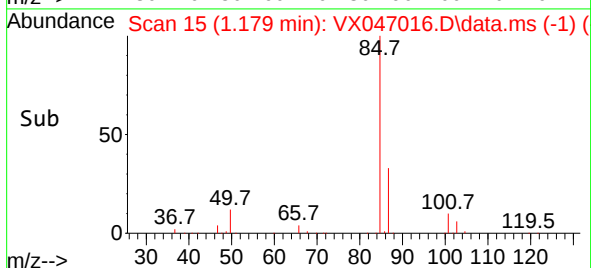
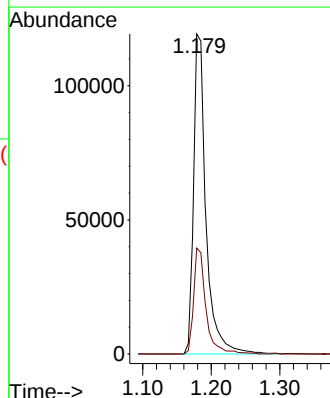
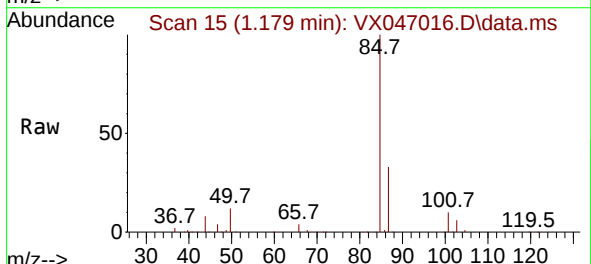
Instrument :
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ClientSampleId :
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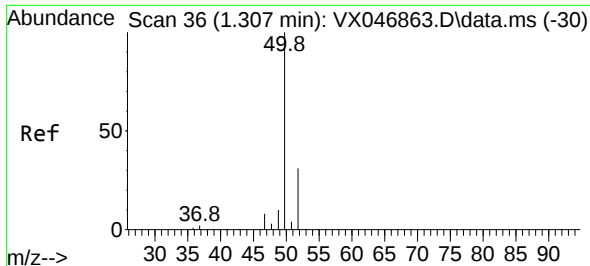
Tgt Ion:168 Resp: 329194
Ion Ratio Lower Upper
168 100
99 63.0 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 47.921 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 85 Resp: 150869
Ion Ratio Lower Upper
85 100
87 33.1 16.0 47.9

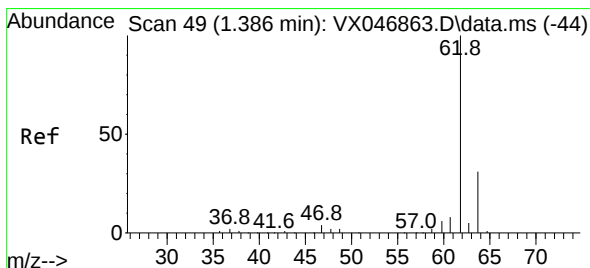
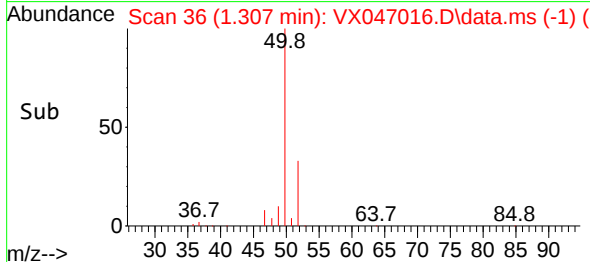
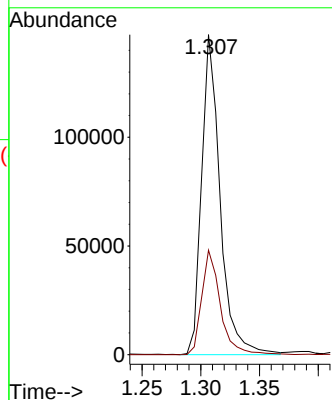
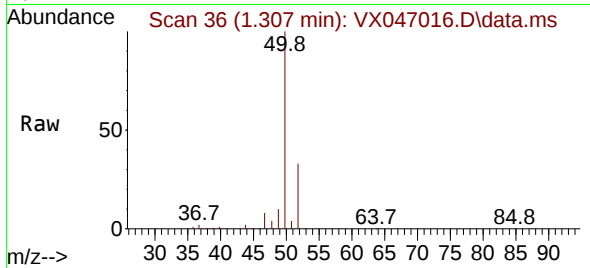




#3
Chloromethane
Concen: 46.787 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

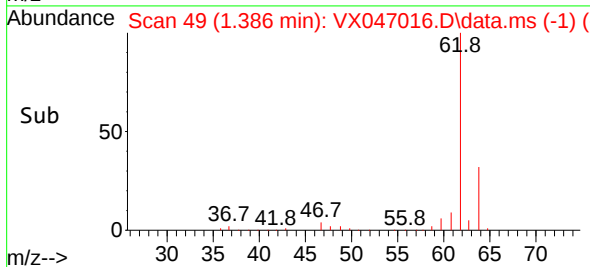
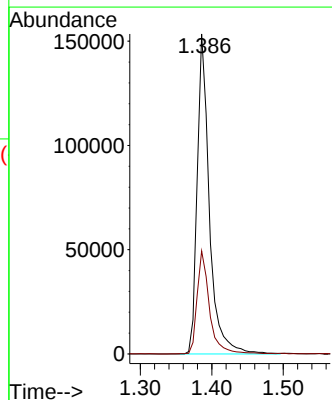
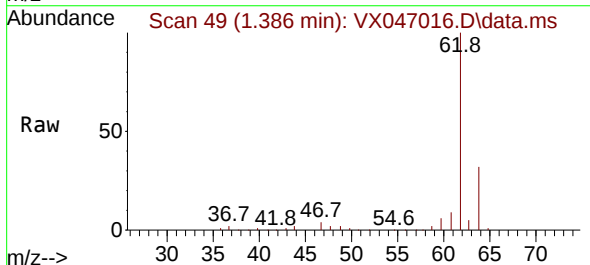
Instrument :
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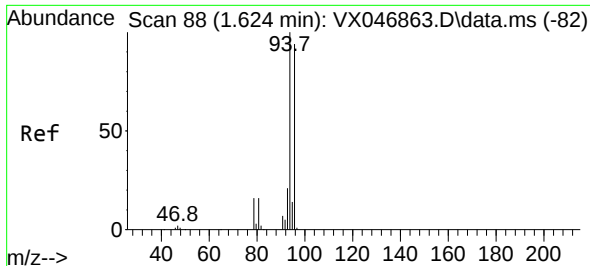
Tgt Ion: 50 Resp: 160931
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4



#4
Vinyl Chloride
Concen: 48.367 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 62 Resp: 181170
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4

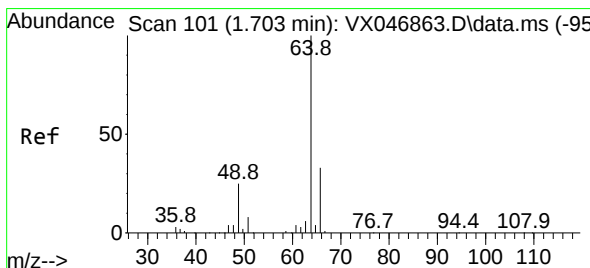
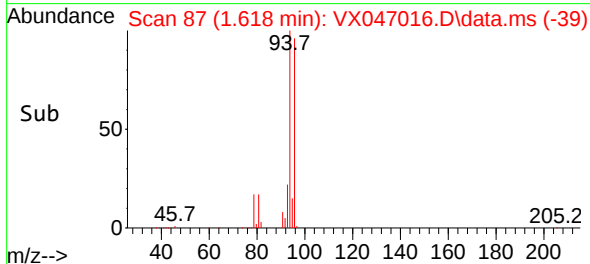
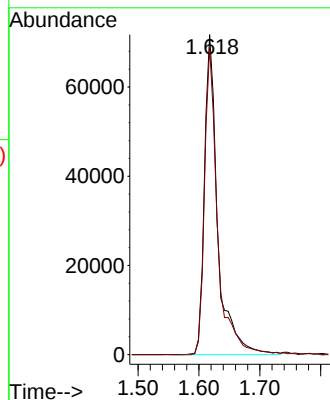
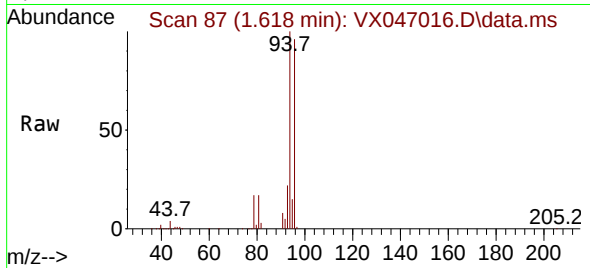




#5
Bromomethane
Concen: 45.161 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

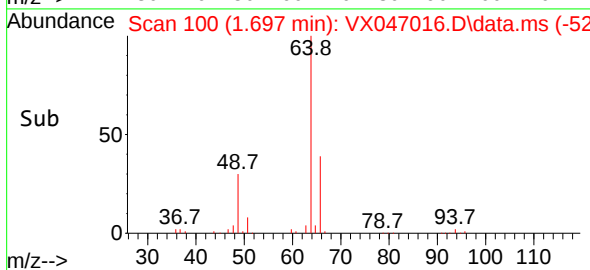
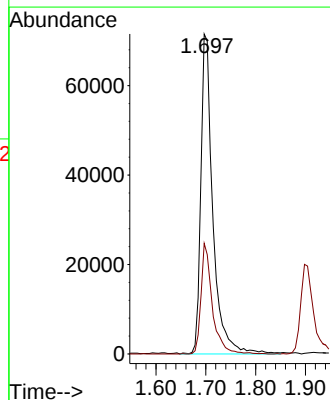
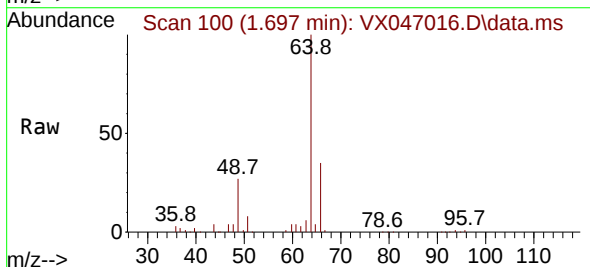
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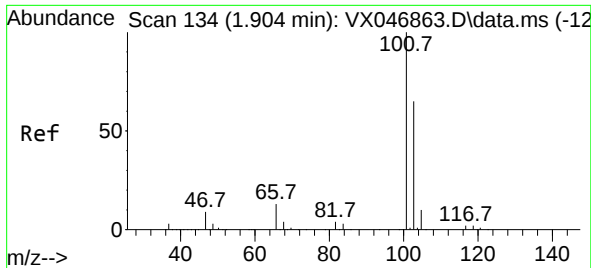
Tgt Ion: 94 Resp: 108692
Ion Ratio Lower Upper
94 100
96 96.0 75.5 113.3



#6
Chloroethane
Concen: 48.469 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 64 Resp: 119884
Ion Ratio Lower Upper
64 100
66 34.5 26.4 39.6

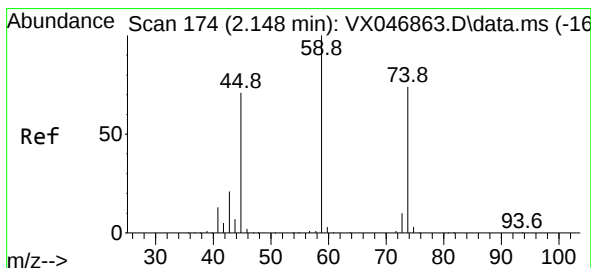
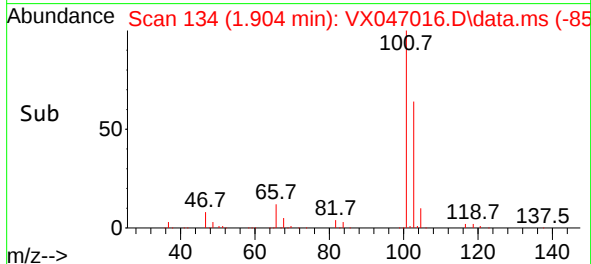
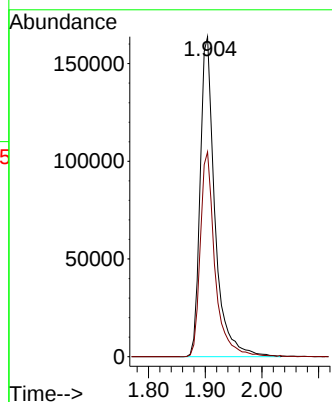
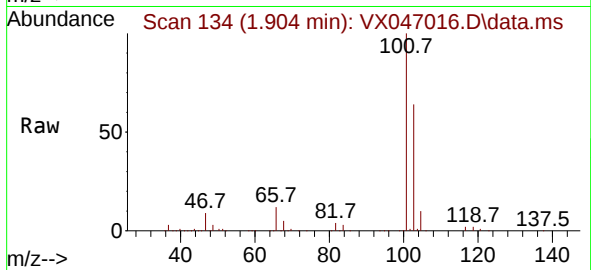




#7
Trichlorofluoromethane
Concen: 50.991 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

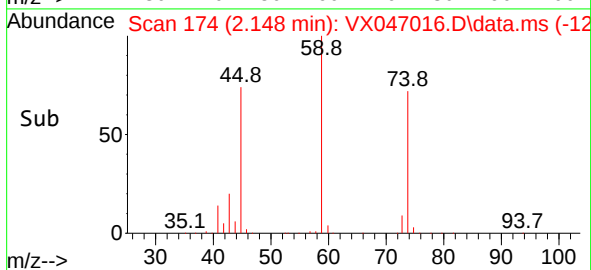
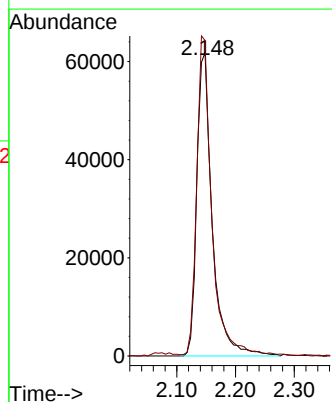
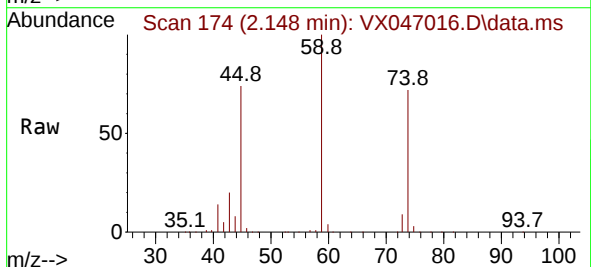
Instrument :
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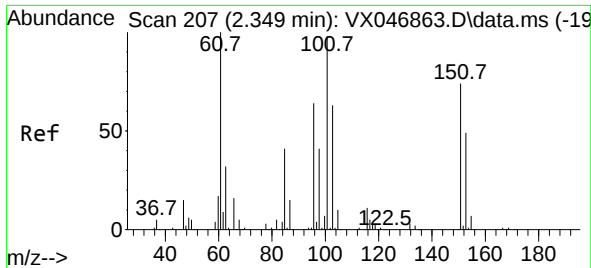
Tgt Ion:101 Resp: 295330
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9



#8
Diethyl Ether
Concen: 54.670 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 112682
Ion Ratio Lower Upper
74 100
45 103.3 50.7 152.1

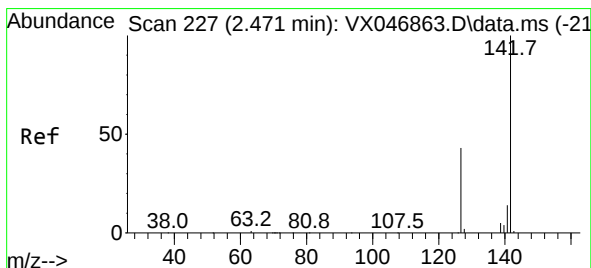
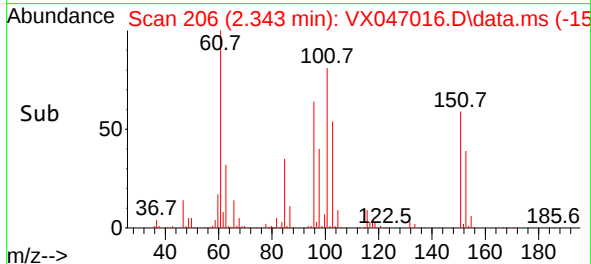
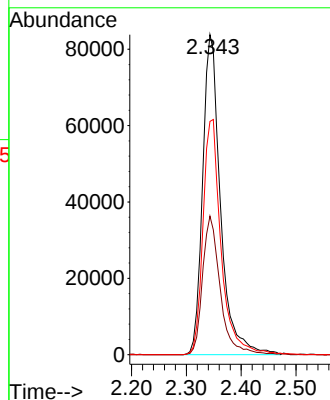
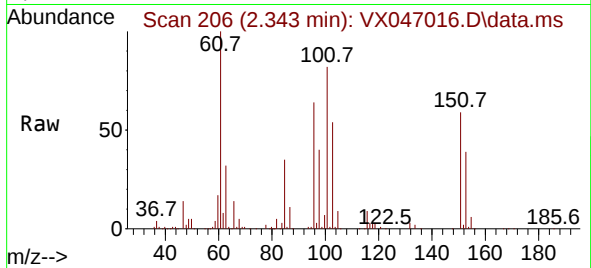




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.369 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

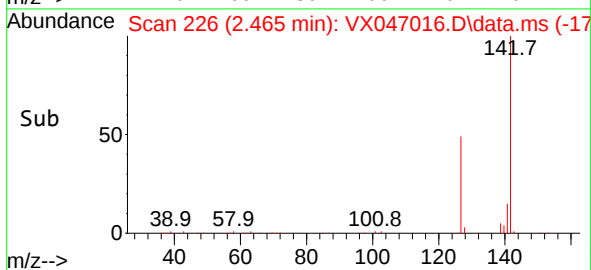
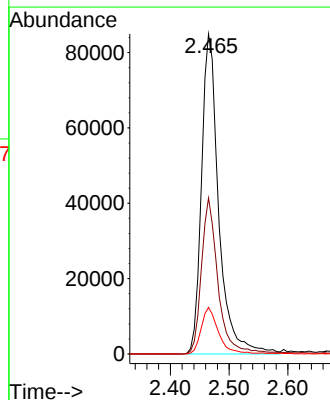
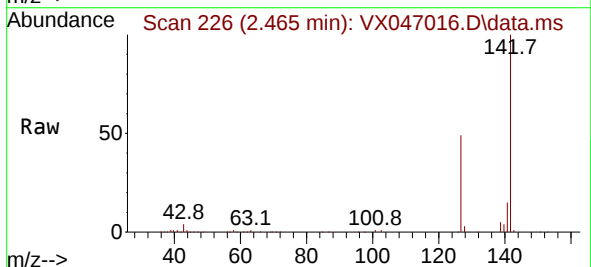
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

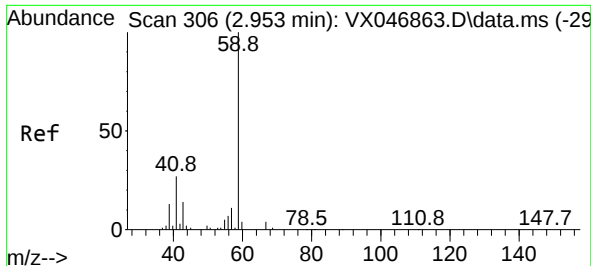
Tgt Ion:101 Resp: 189580
Ion Ratio Lower Upper
101 100
85 43.0 34.3 51.5
151 74.9 59.9 89.9



#10
Methyl Iodide
Concen: 42.993 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion:142 Resp: 172862
Ion Ratio Lower Upper
142 100
127 47.3 34.9 52.3
141 14.5 11.1 16.7

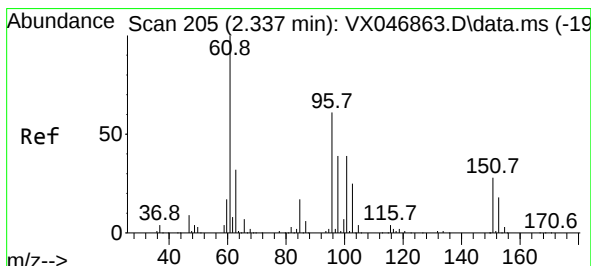
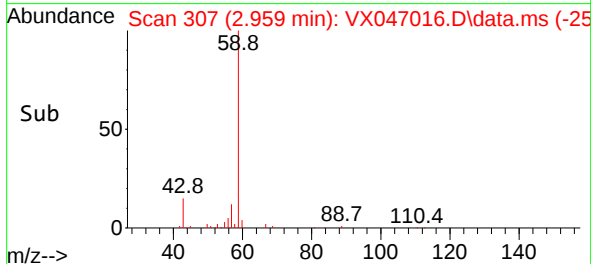
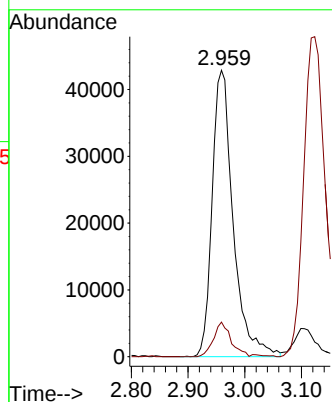
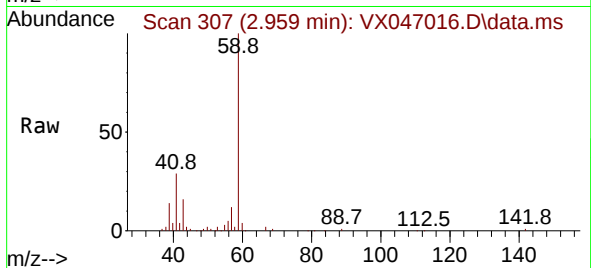




#11
Tert butyl alcohol
Concen: 386.477 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

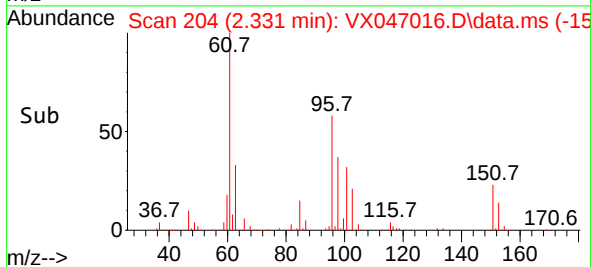
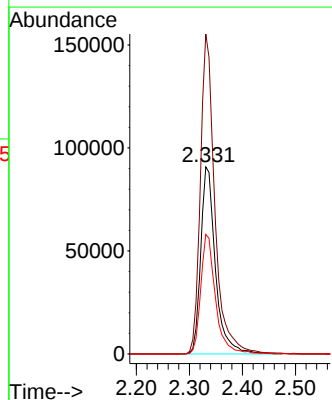
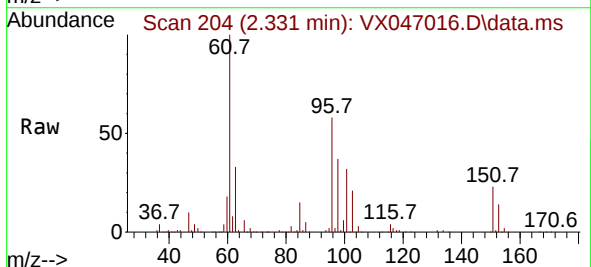
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

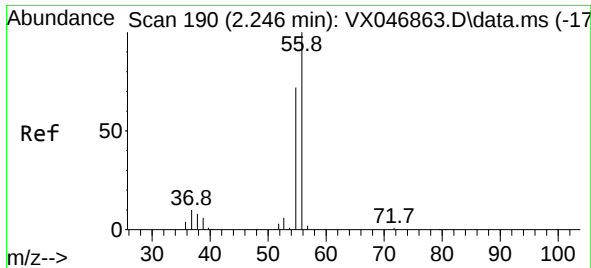
Tgt Ion: 59 Resp: 110234
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 49.305 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 96 Resp: 176000
Ion Ratio Lower Upper
96 100
61 171.1 130.2 195.4
98 63.9 51.3 76.9

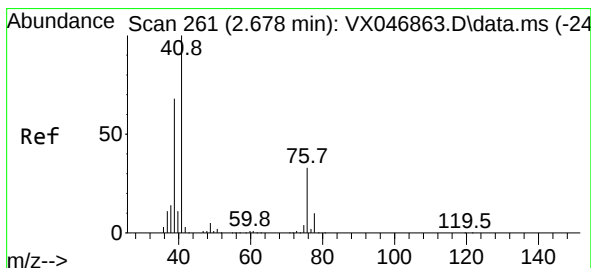
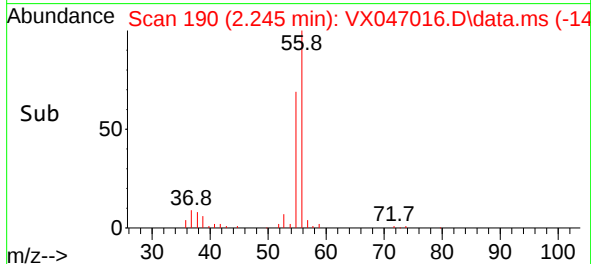
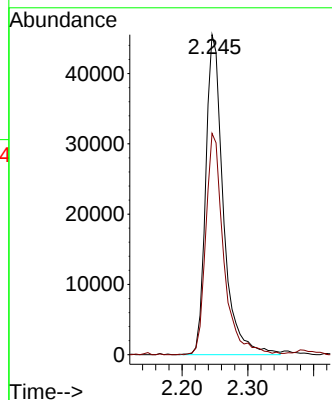
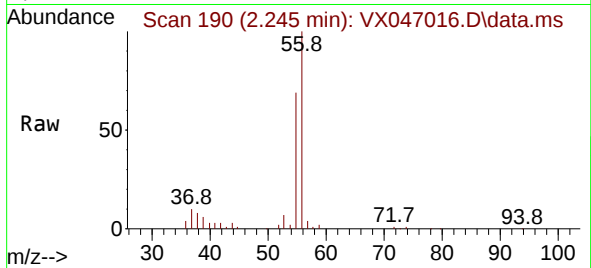




#13
Acrolein
Concen: 268.622 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

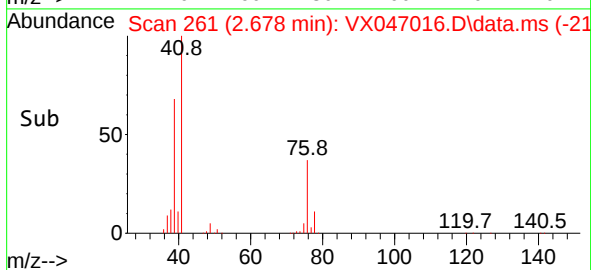
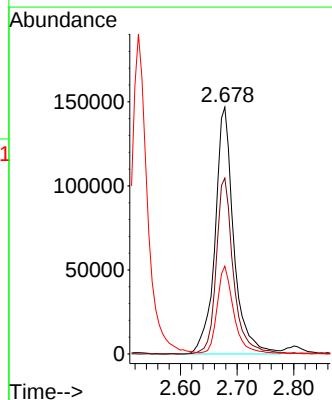
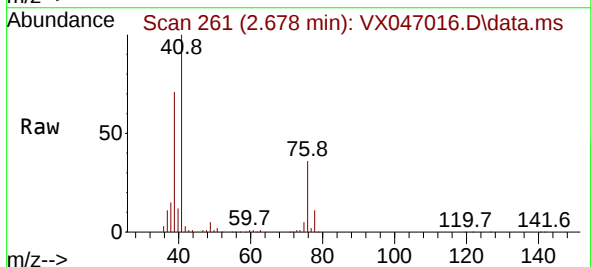
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

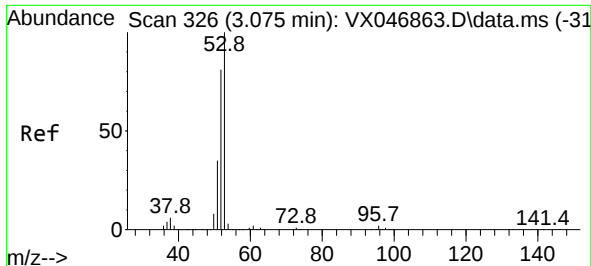
Tgt Ion: 56 Resp: 84732
Ion Ratio Lower Upper
56 100
55 70.7 55.5 83.3



#14
Allyl chloride
Concen: 53.017 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 41 Resp: 336939
Ion Ratio Lower Upper
41 100
39 65.7 52.0 78.0
76 31.5 26.2 39.2

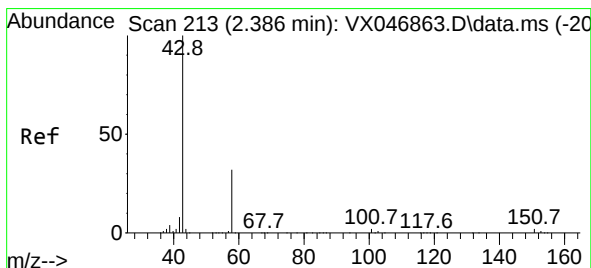
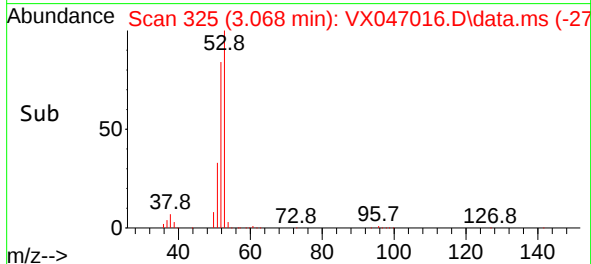
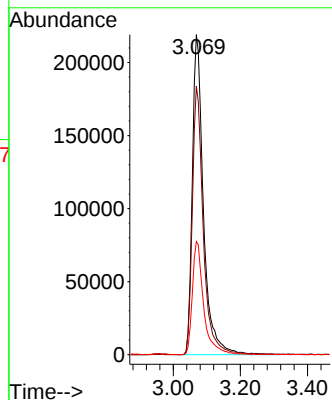
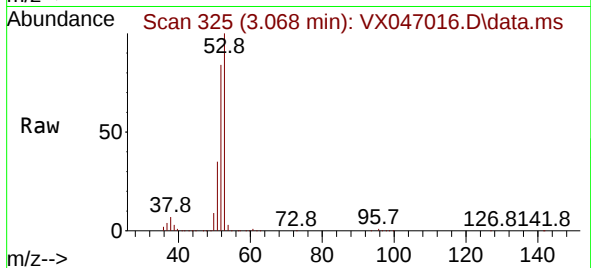




#15
Acrylonitrile
Concen: 306.730 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

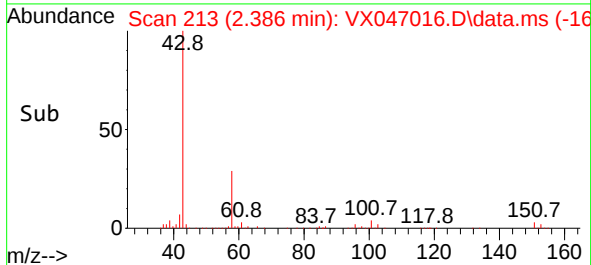
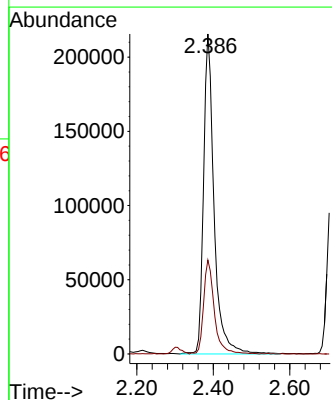
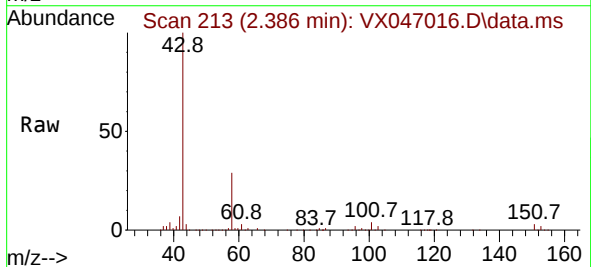
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

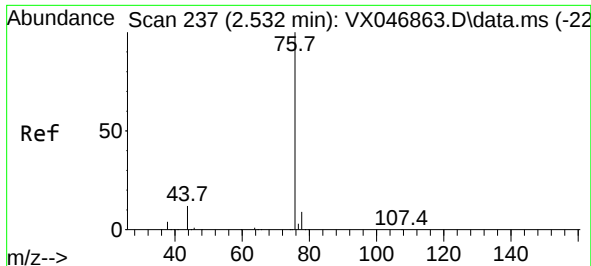
Tgt Ion: 53 Resp: 505824
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 35.9 28.6 43.0



#16
Acetone
Concen: 305.134 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 43 Resp: 412201
Ion Ratio Lower Upper
43 100
58 29.4 25.8 38.6

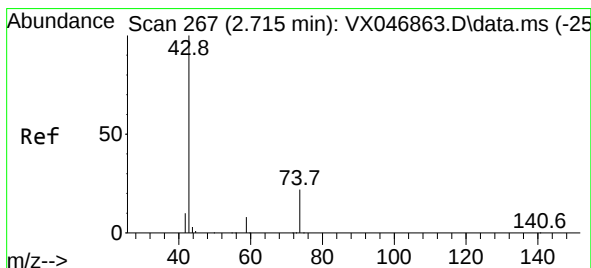
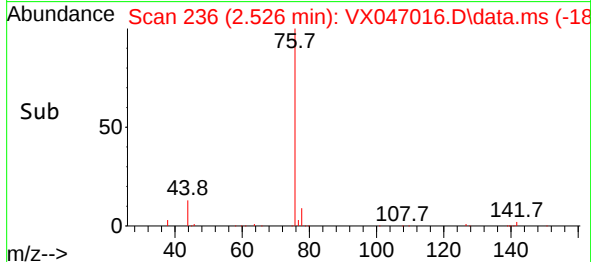
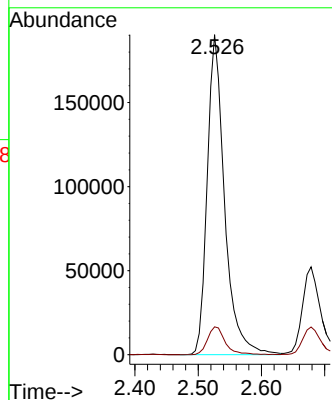
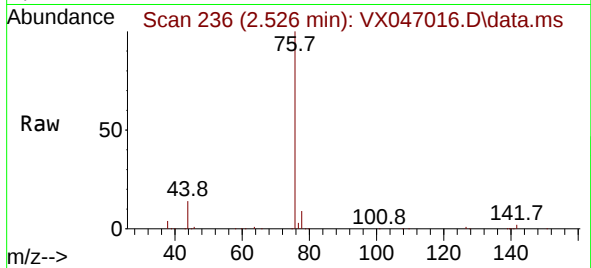




#17
Carbon Disulfide
Concen: 38.842 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

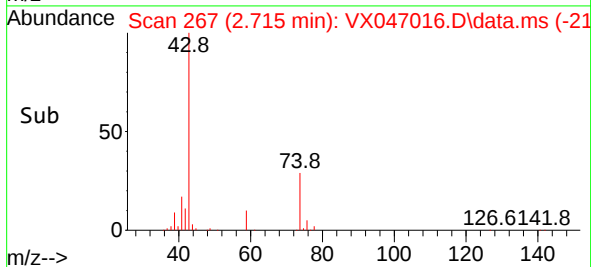
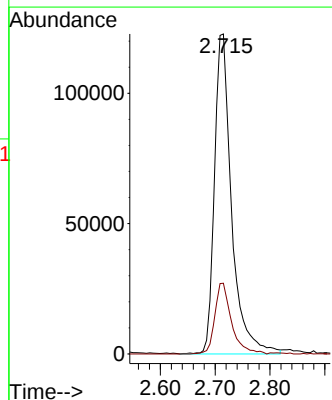
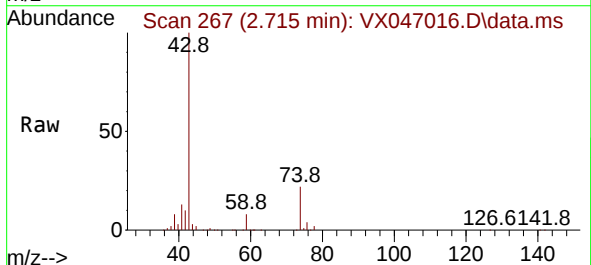
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

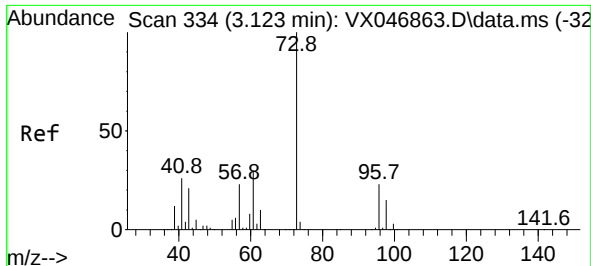
Tgt Ion: 76 Resp: 363615
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 74.800 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 43 Resp: 266331
Ion Ratio Lower Upper
43 100
74 21.5 18.3 27.5

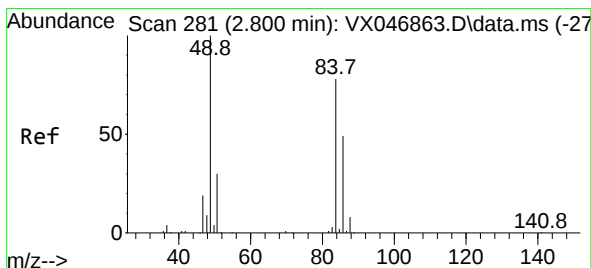
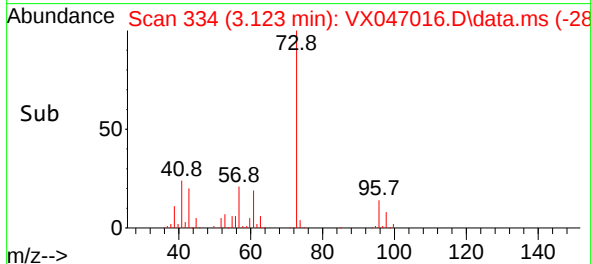
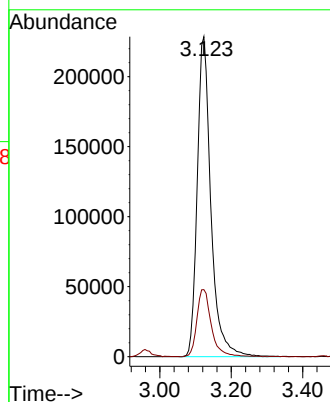
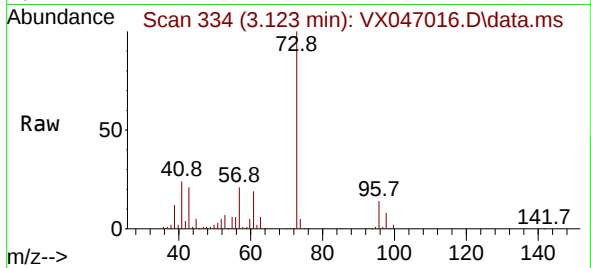




#19
Methyl tert-butyl Ether
Concen: 60.153 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

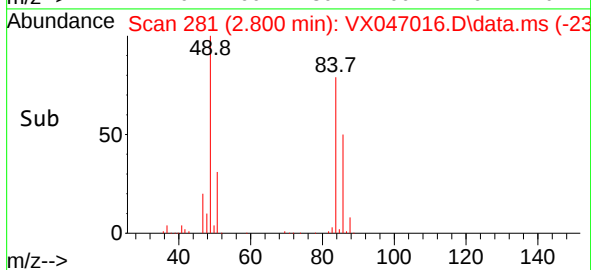
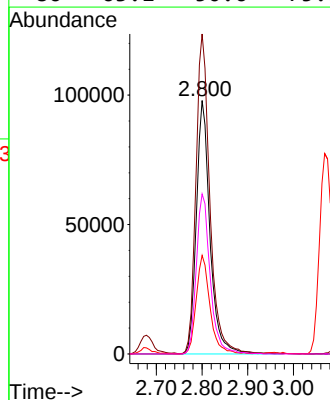
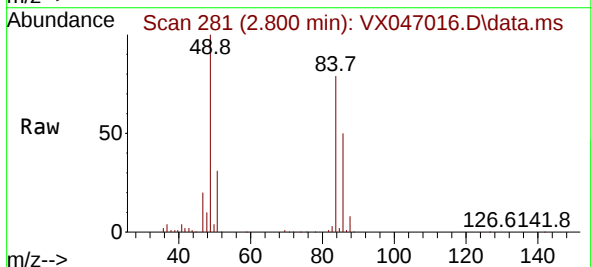
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

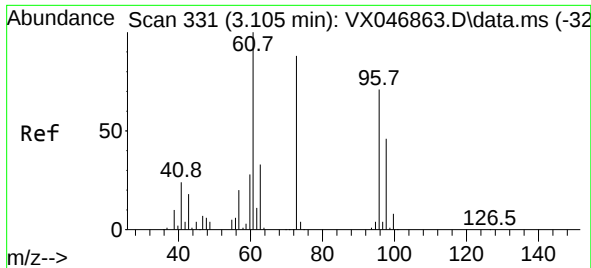
Tgt Ion: 73 Resp: 606375
Ion Ratio Lower Upper
73 100
57 21.0 18.6 28.0



#20
Methylene Chloride
Concen: 50.858 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 84 Resp: 203157
Ion Ratio Lower Upper
84 100
49 126.1 102.8 154.2
51 38.9 31.1 46.7
86 63.1 50.6 75.8

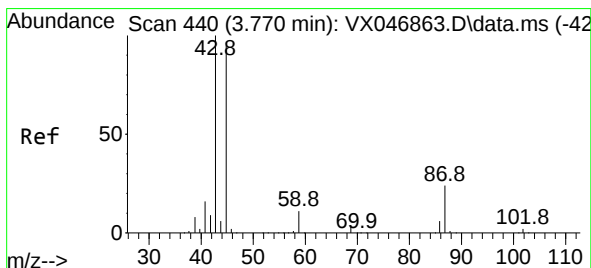
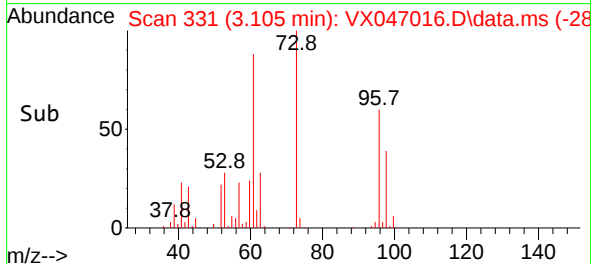
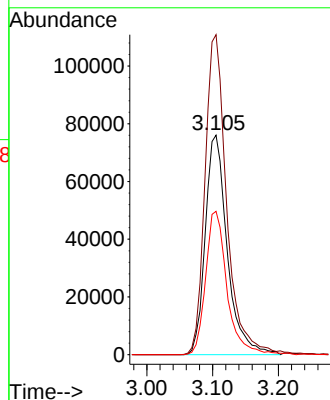
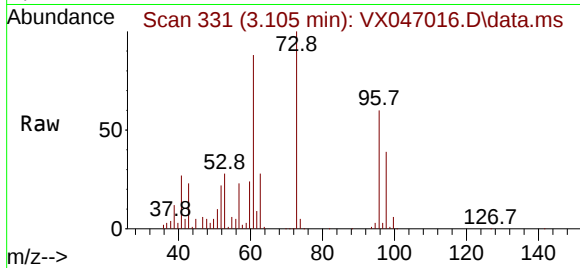




#21
trans-1,2-Dichloroethene
Concen: 48.496 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

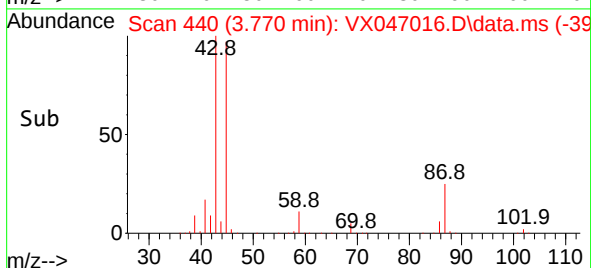
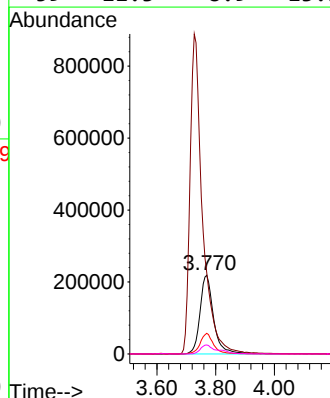
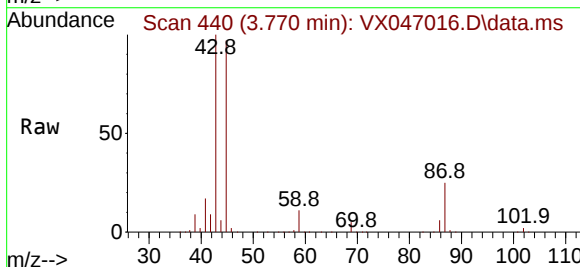
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

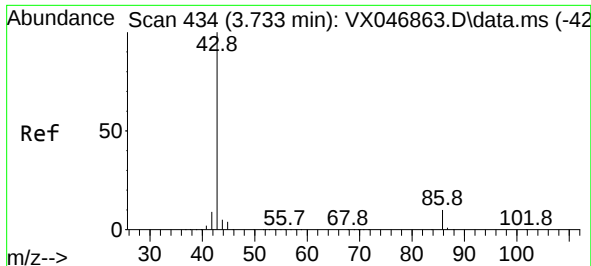
Tgt Ion: 96 Resp: 177141
Ion Ratio Lower Upper
96 100
61 145.8 113.4 170.2
98 65.3 51.8 77.6



#22
Diisopropyl ether
Concen: 57.031 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 45 Resp: 700243
Ion Ratio Lower Upper
45 100
43 102.6 84.2 126.4
87 26.1 20.3 30.5
59 11.3 8.9 13.3

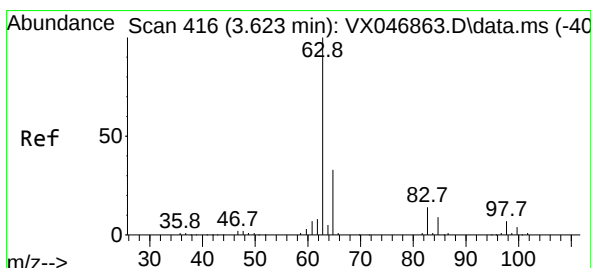
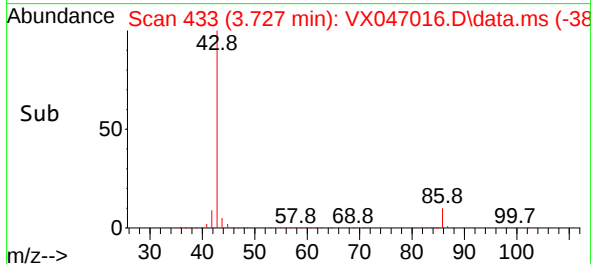
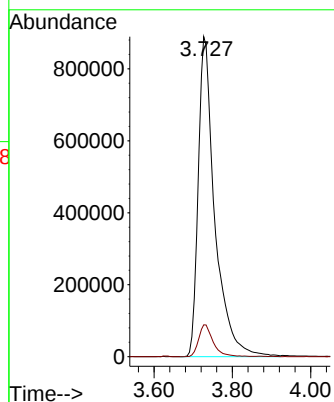
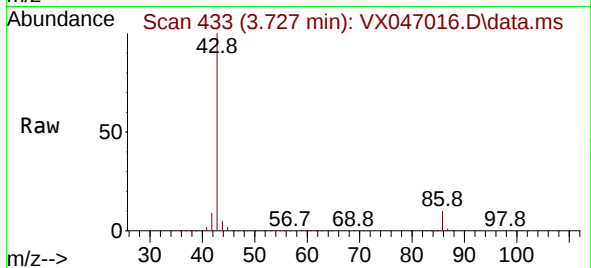




#23
 Vinyl Acetate
 Concen: 285.194 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047016.D
 Acq: 16 Jul 2025 09:26

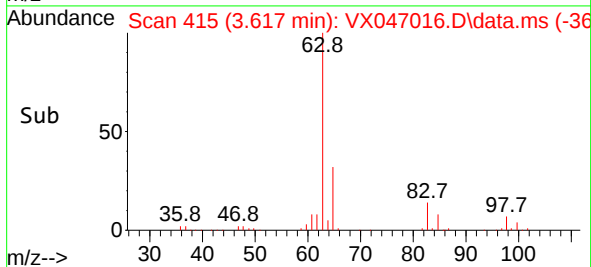
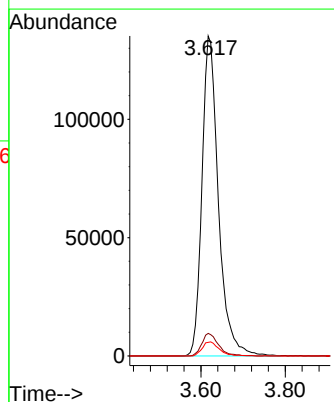
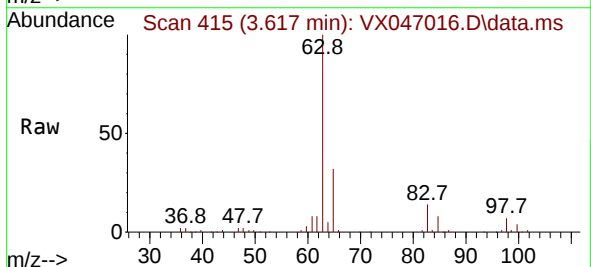
Instrument :
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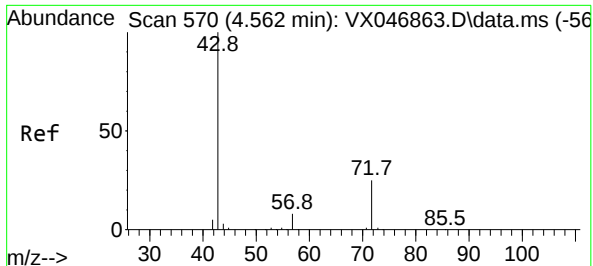
Tgt Ion: 43 Resp: 2623382
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 52.427 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047016.D
 Acq: 16 Jul 2025 09:26

Tgt Ion: 63 Resp: 367114
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 331.149 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

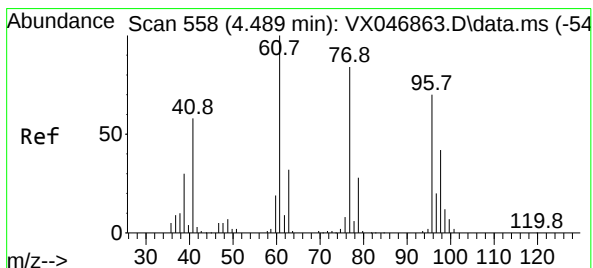
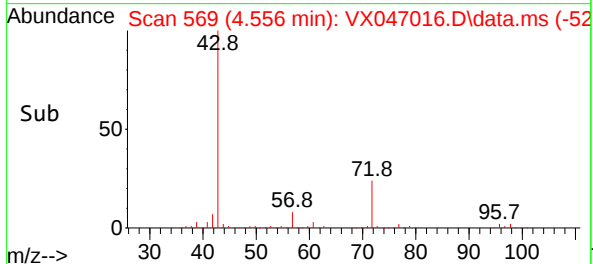
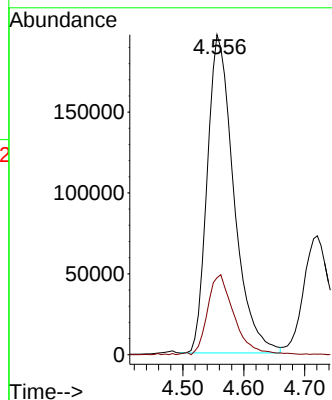
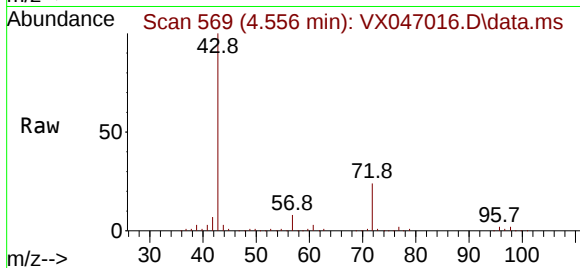
VSTDCCC050

Tgt Ion: 43 Resp: 596838

Ion Ratio Lower Upper

43 100

72 23.9 20.0 30.0



#26

2,2-Dichloropropane

Concen: 53.124 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX047016.D

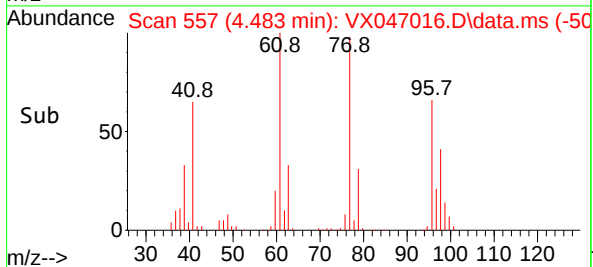
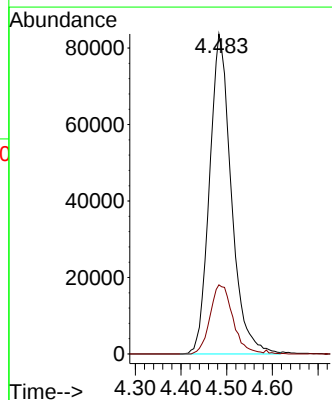
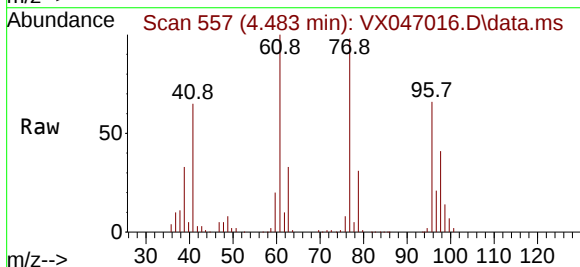
Acq: 16 Jul 2025 09:26

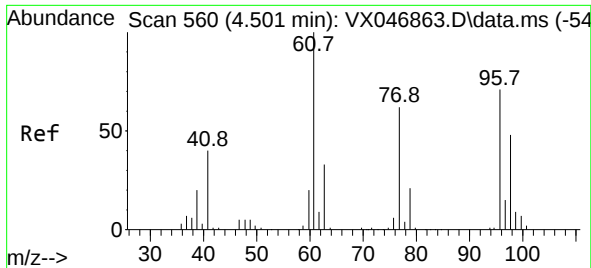
Tgt Ion: 77 Resp: 276849

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5

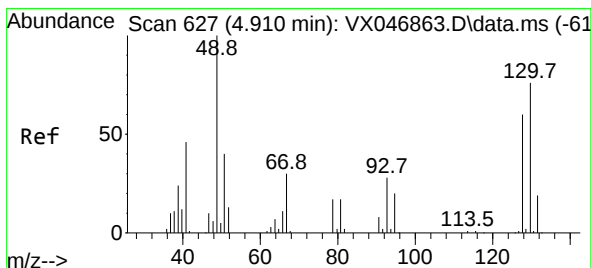
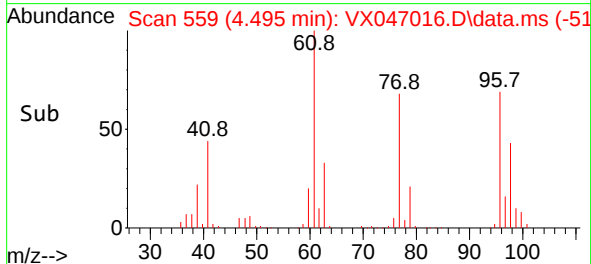
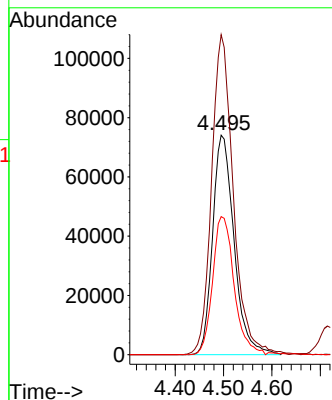
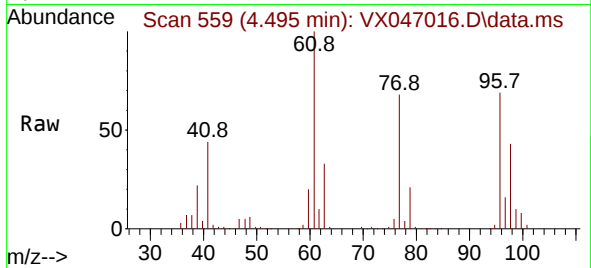




#27
 cis-1,2-Dichloroethene
 Concen: 51.130 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX047016.D
 Acq: 16 Jul 2025 09:26

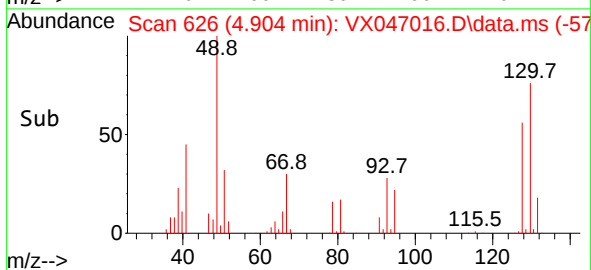
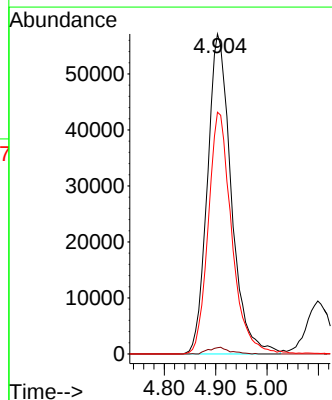
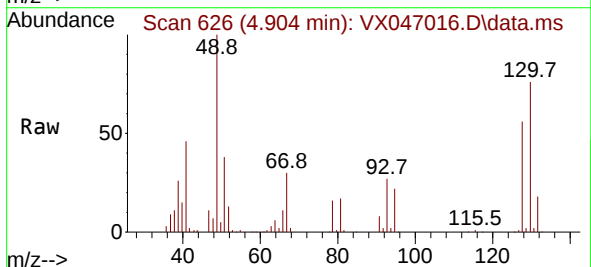
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

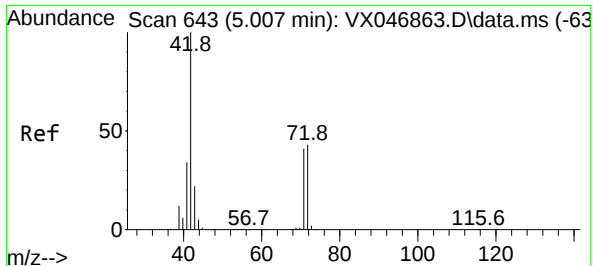
Tgt Ion: 96 Resp: 228023
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 288.6
 98 63.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 53.294 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. -0.006 min
 Lab File: VX047016.D
 Acq: 16 Jul 2025 09:26

Tgt Ion: 49 Resp: 184178
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 74.4 61.7 92.5





#29

Tetrahydrofuran

Concen: 325.963 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

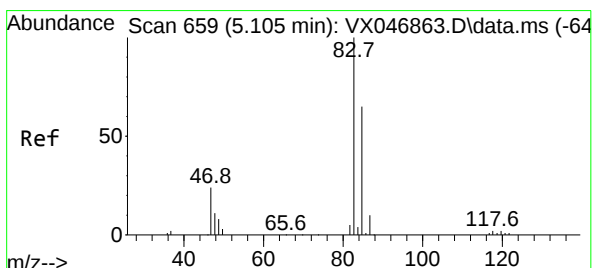
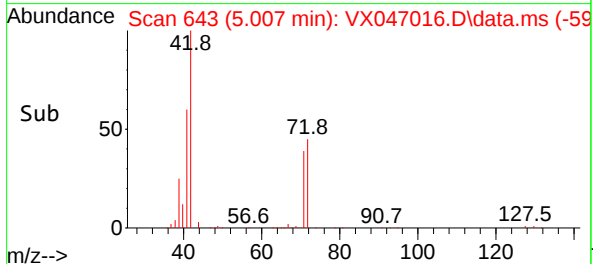
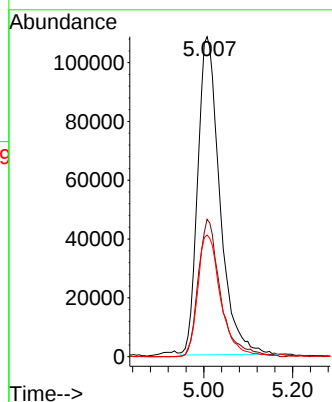
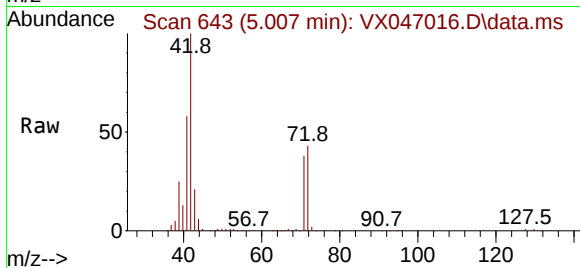
Tgt Ion: 42 Resp: 374504

Ion Ratio Lower Upper

42 100

72 43.4 35.1 52.7

71 39.6 31.9 47.9



#30

Chloroform

Concen: 52.033 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047016.D

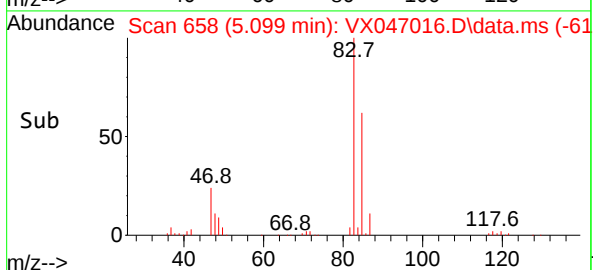
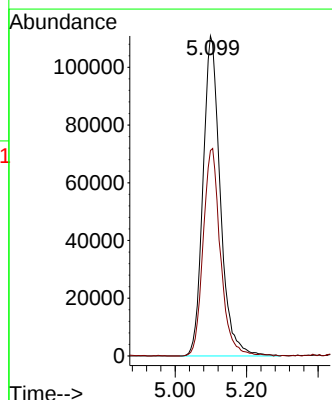
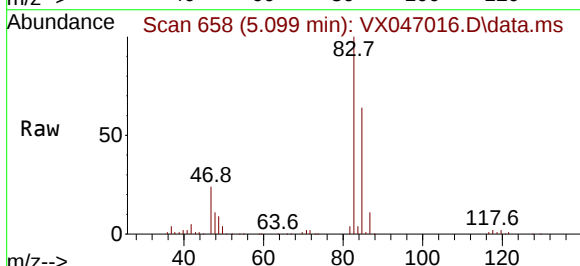
Acq: 16 Jul 2025 09:26

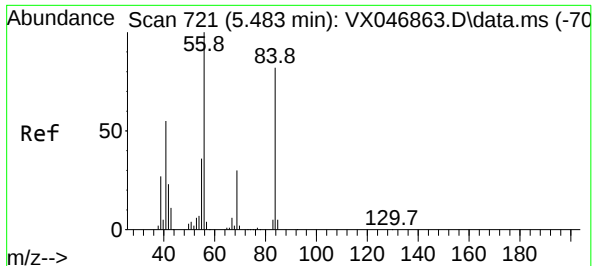
Tgt Ion: 83 Resp: 372241

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.8

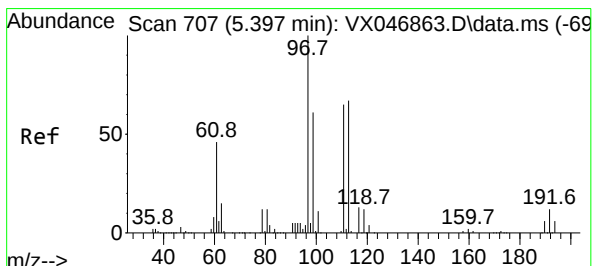
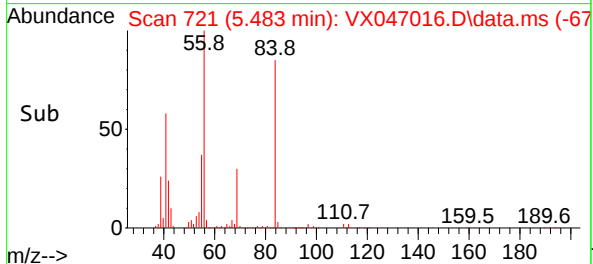
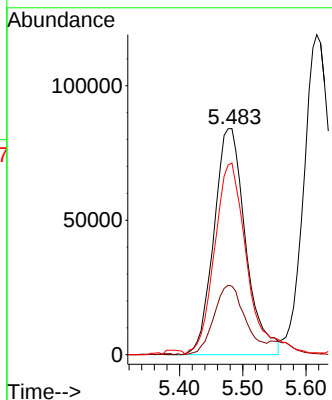
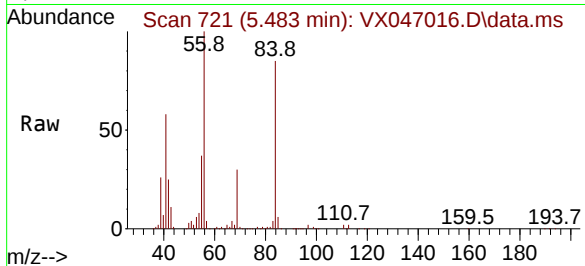




#31
Cyclohexane
Concen: 46.885 ug/l
RT: 5.483 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

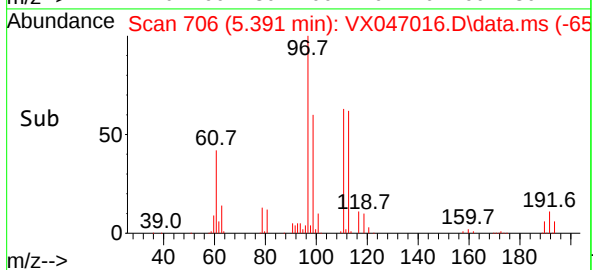
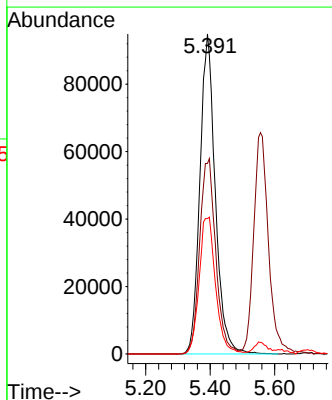
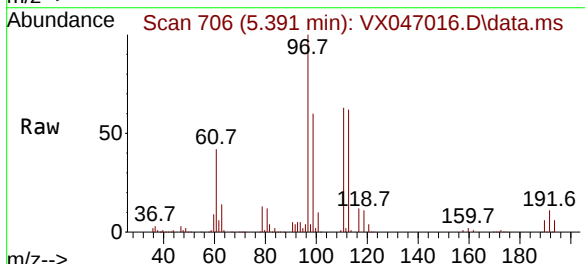
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

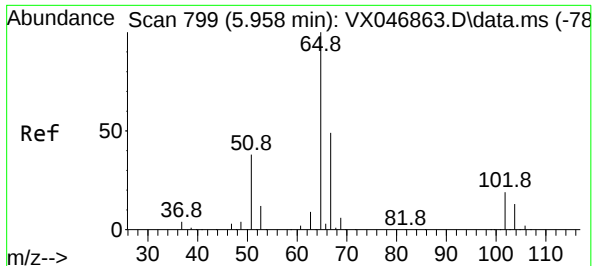
Tgt Ion: 56 Resp: 291459
Ion Ratio Lower Upper
56 100
69 29.9 24.0 36.0
84 83.0 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 52.522 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 97 Resp: 313916
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 46.0 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 52.377 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

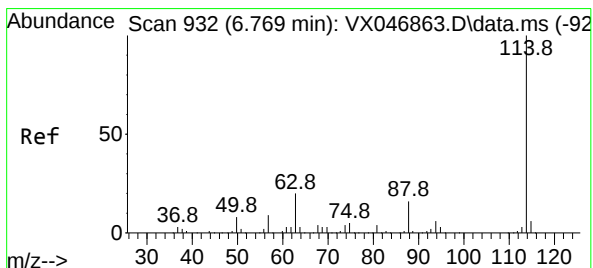
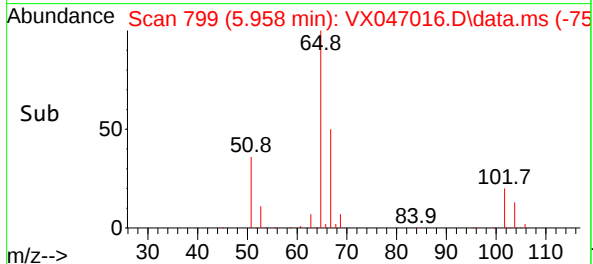
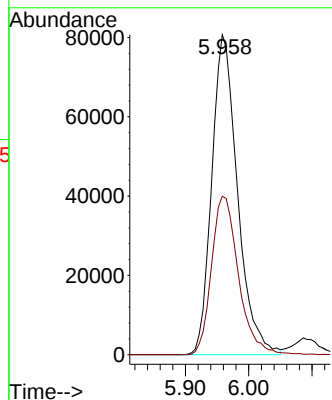
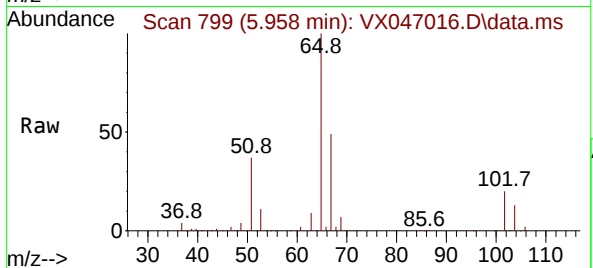
VSTDCCC050

Tgt Ion: 65 Resp: 227784

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

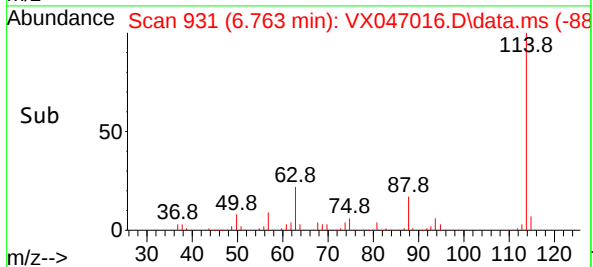
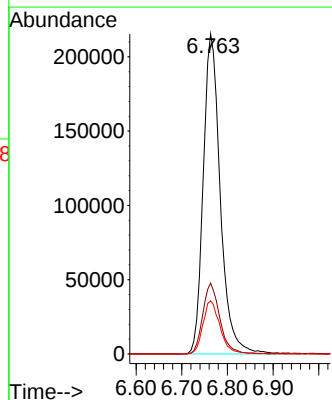
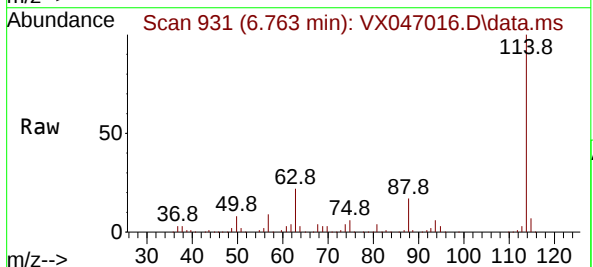
Tgt Ion: 114 Resp: 557691

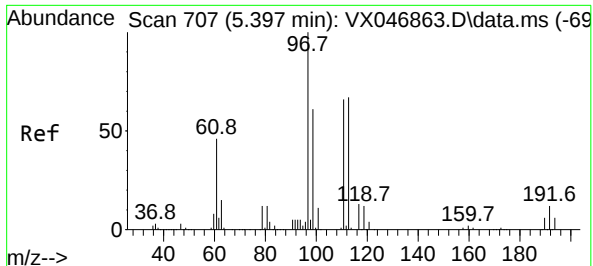
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.4

88 16.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.364 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

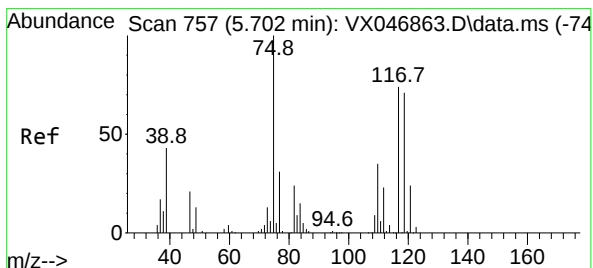
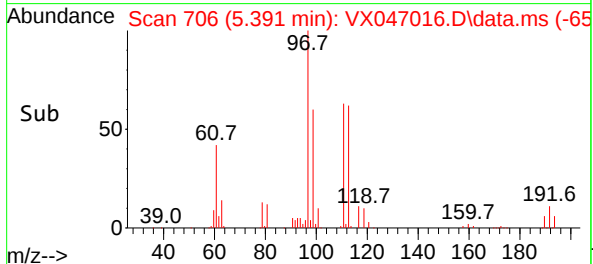
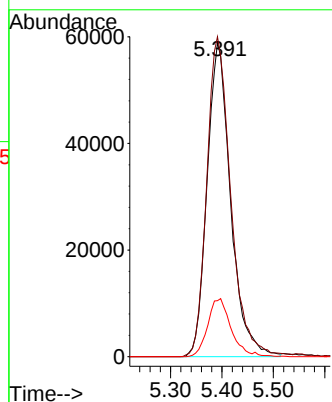
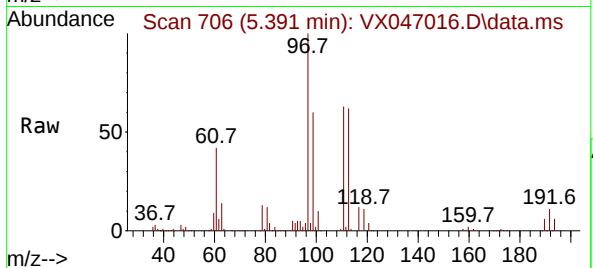
Tgt Ion:113 Resp: 186872

Ion Ratio Lower Upper

113 100

111 104.2 81.2 121.8

192 18.5 15.3 22.9



#36

1,1-Dichloropropene

Concen: 46.963 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

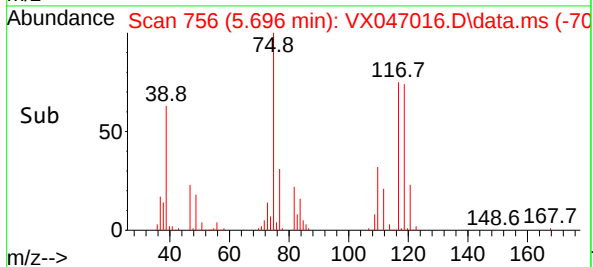
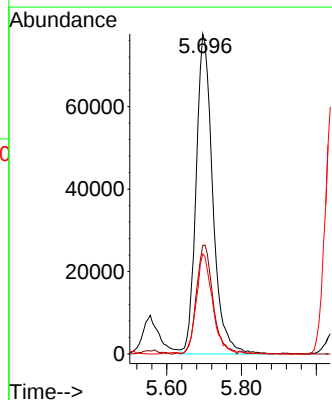
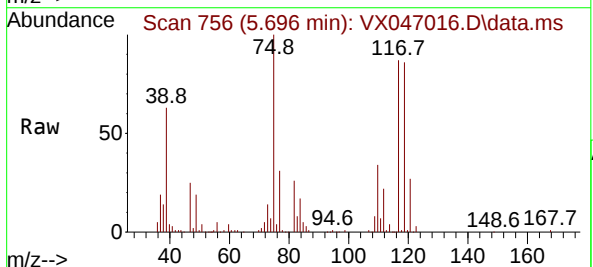
Tgt Ion: 75 Resp: 239871

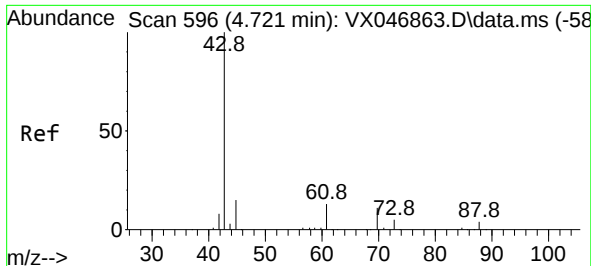
Ion Ratio Lower Upper

75 100

110 33.8 17.3 51.9

77 30.8 24.2 36.4





#37

Ethyl Acetate

Concen: 55.256 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

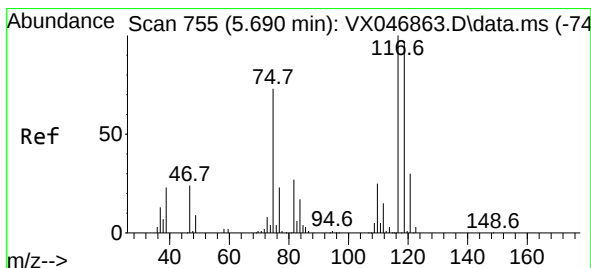
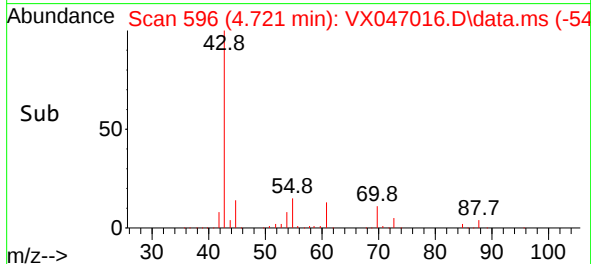
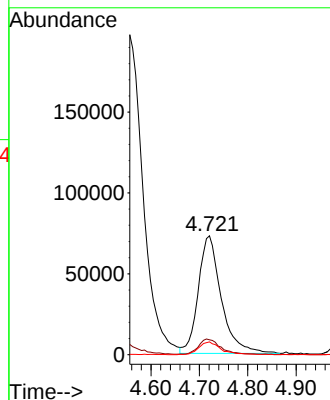
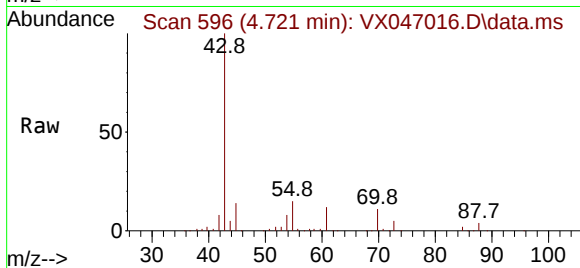
Tgt Ion: 43 Resp: 240378

Ion Ratio Lower Upper

43 100

61 12.2 9.7 14.5

70 10.6 8.3 12.5



#38

Carbon Tetrachloride

Concen: 48.373 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.012 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

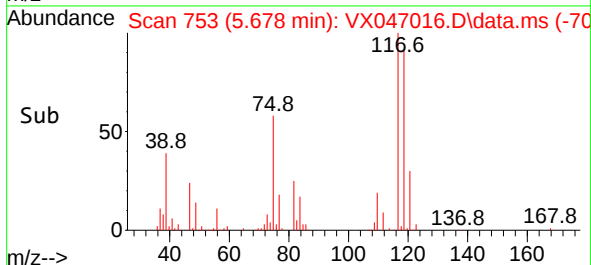
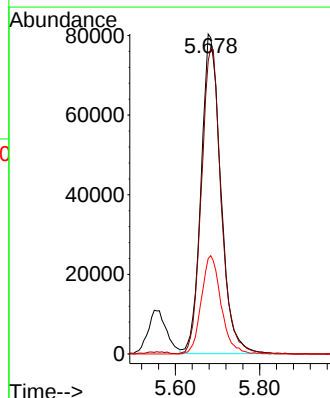
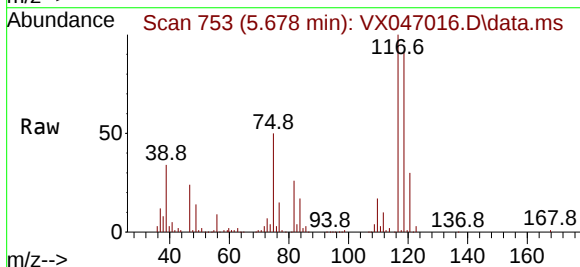
Tgt Ion: 117 Resp: 261207

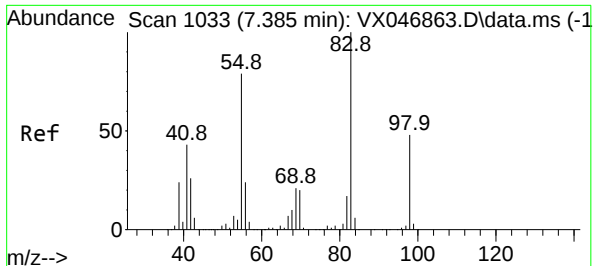
Ion Ratio Lower Upper

117 100

119 91.3 76.6 114.8

121 29.9 24.1 36.1





#39

Methylcyclohexane

Concen: 44.378 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

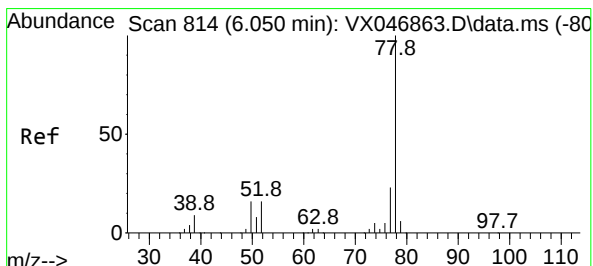
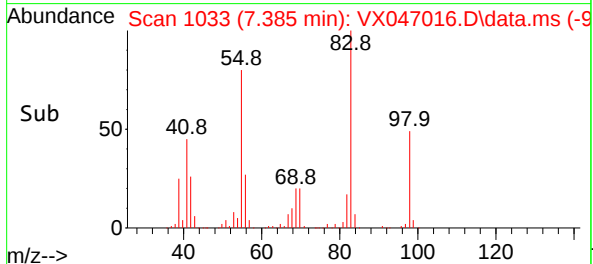
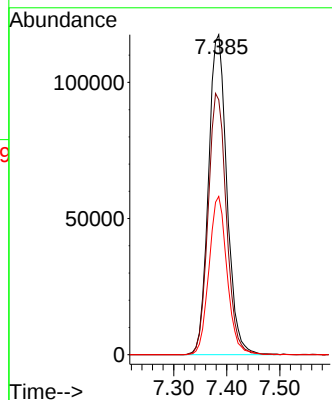
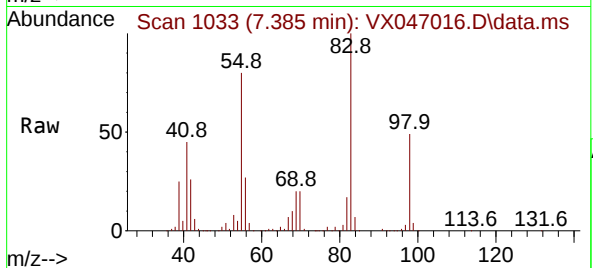
Tgt Ion: 83 Resp: 283537

Ion Ratio Lower Upper

83 100

55 79.6 63.0 94.4

98 49.5 38.5 57.7



#40

Benzene

Concen: 48.186 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.006 min

Lab File: VX047016.D

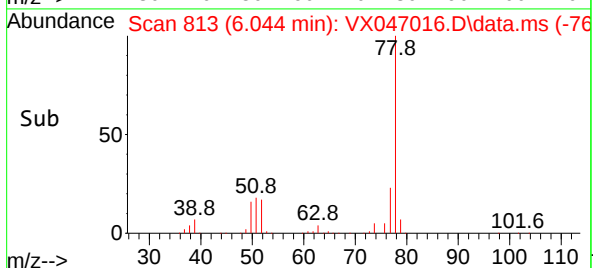
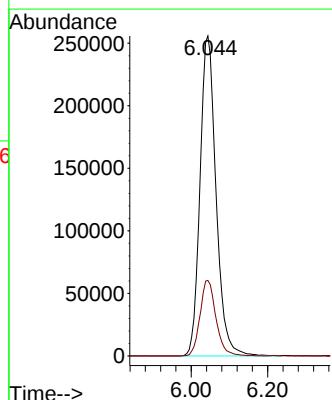
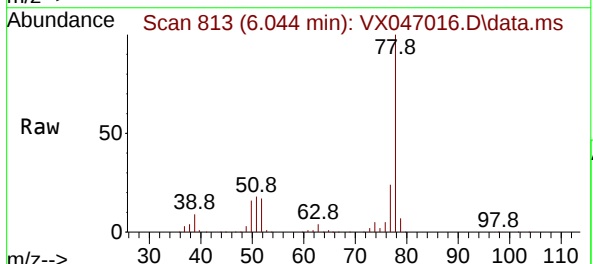
Acq: 16 Jul 2025 09:26

Tgt Ion: 78 Resp: 744412

Ion Ratio Lower Upper

78 100

77 23.6 18.7 28.1



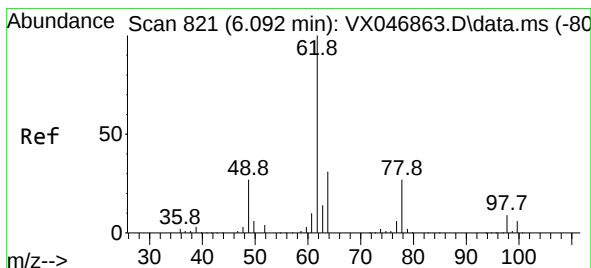
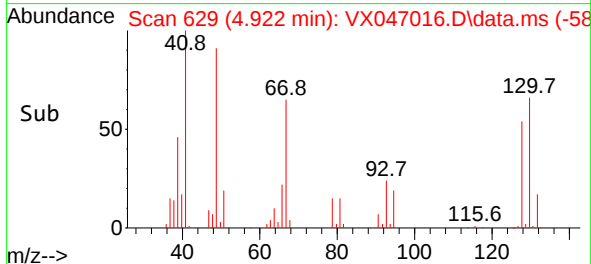
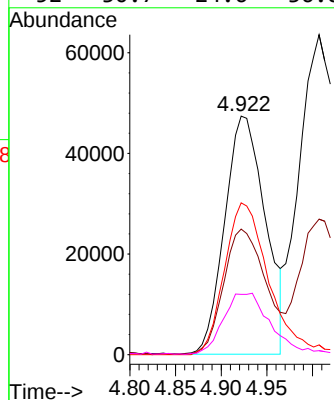
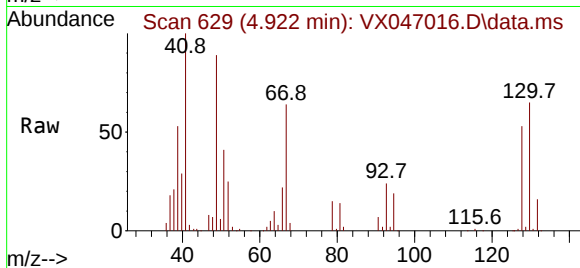


#41
Methacrylonitrile
Concen: 63.189 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 146638

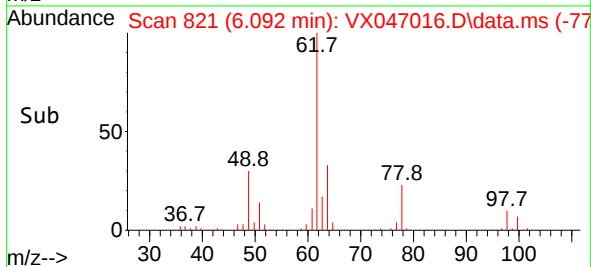
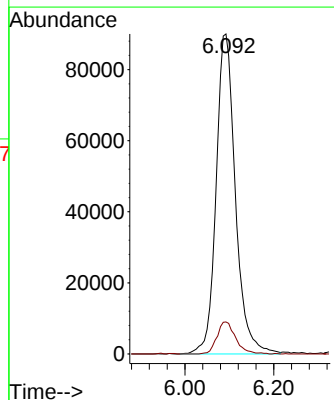
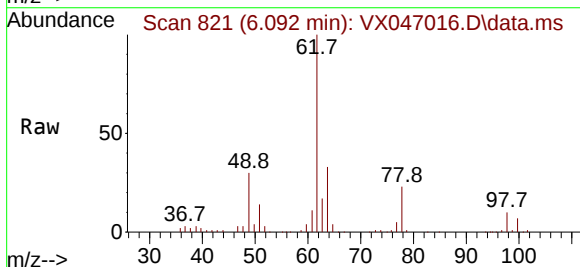
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.0	64.4
67	70.4	60.2	90.2
52	30.7	24.6	36.8

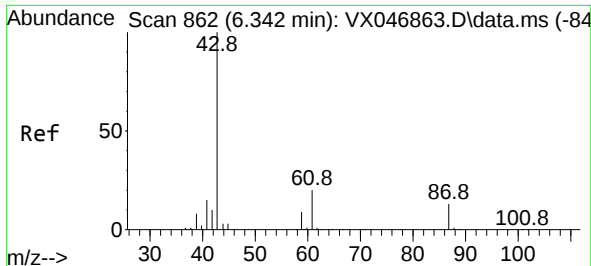


#42
1,2-Dichloroethane
Concen: 51.606 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 62 Resp: 270721

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4

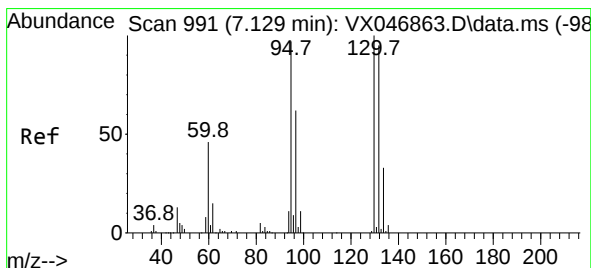
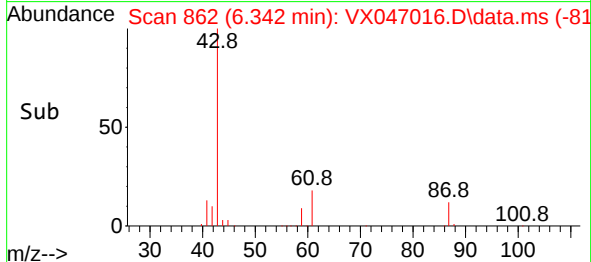
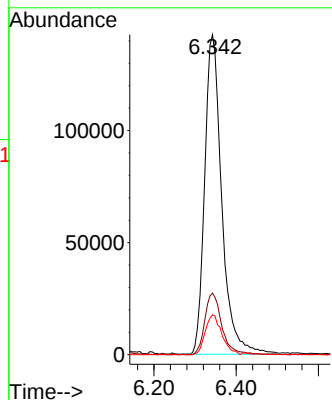
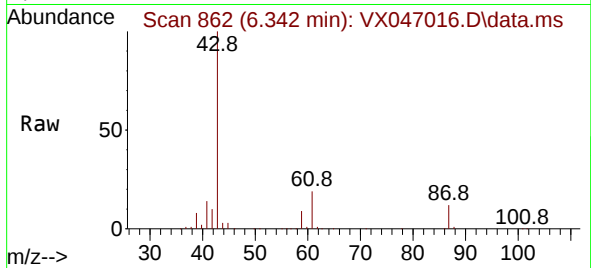




#43
Isopropyl Acetate
Concen: 61.803 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

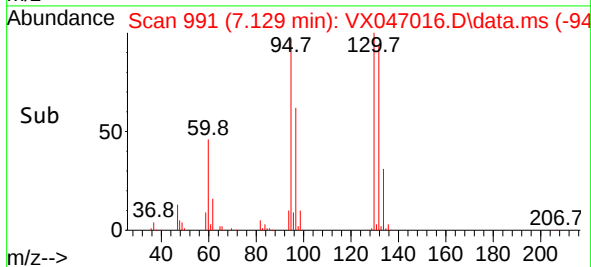
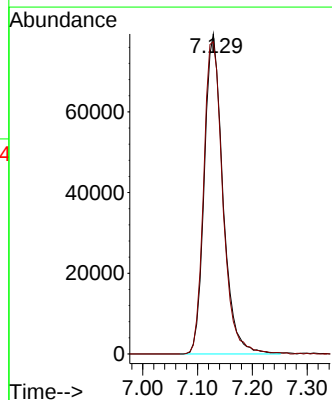
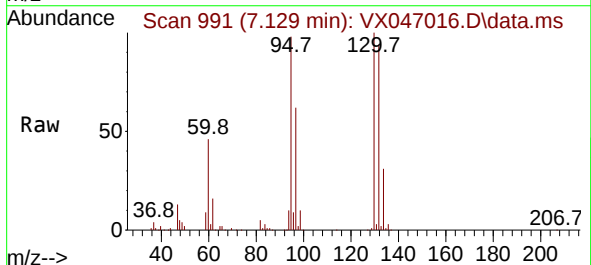
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 411807
Ion Ratio Lower Upper
43 100
61 19.2 15.7 23.5
87 12.1 10.1 15.1



#44
Trichloroethene
Concen: 46.385 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion:130 Resp: 186538
Ion Ratio Lower Upper
130 100
95 97.5 0.0 194.2

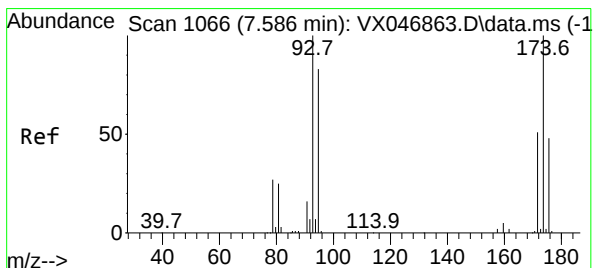
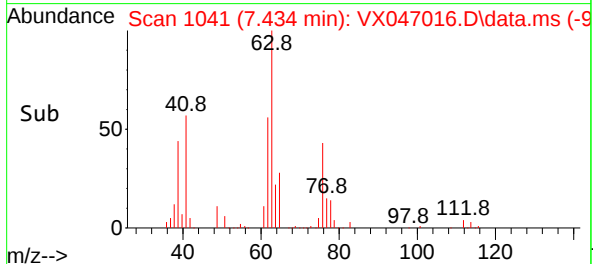
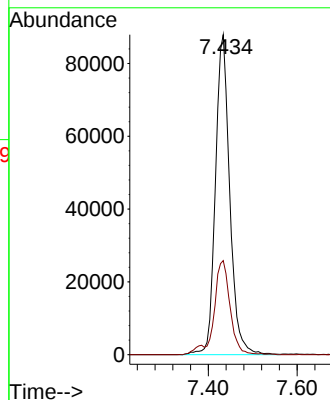
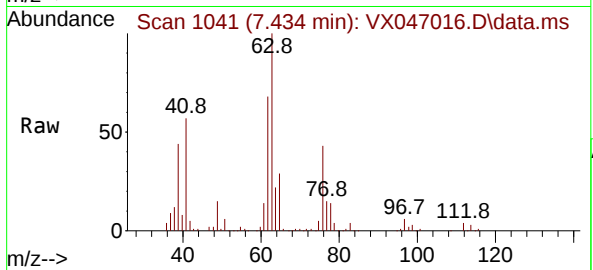




#45
1,2-Dichloropropane
Concen: 50.335 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

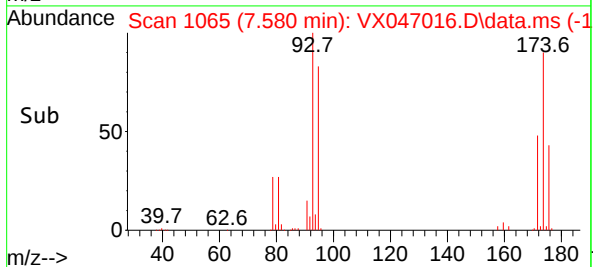
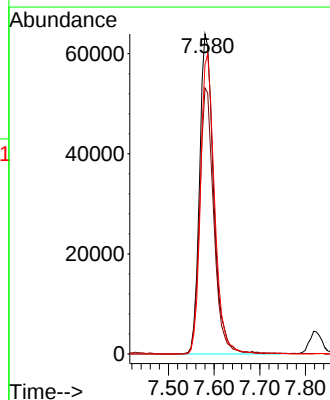
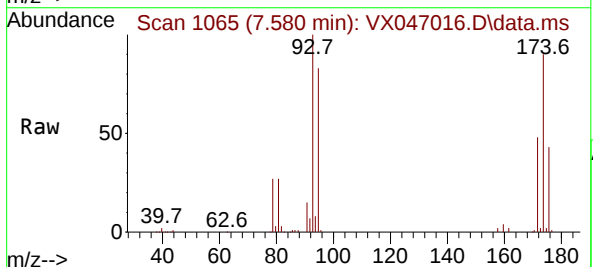
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

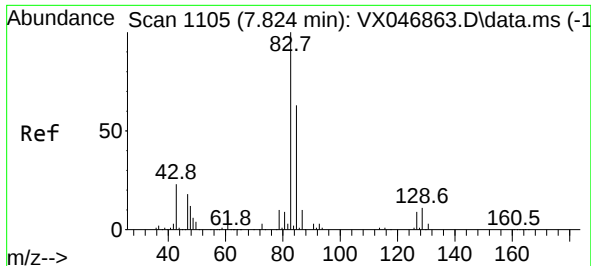
Tgt Ion: 63 Resp: 196465
Ion Ratio Lower Upper
63 100
65 29.4 24.2 36.2



#46
Dibromomethane
Concen: 50.790 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 93 Resp: 137353
Ion Ratio Lower Upper
93 100
95 82.8 66.6 99.8
174 93.2 77.4 116.2

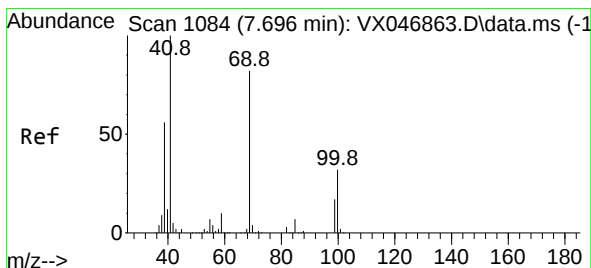
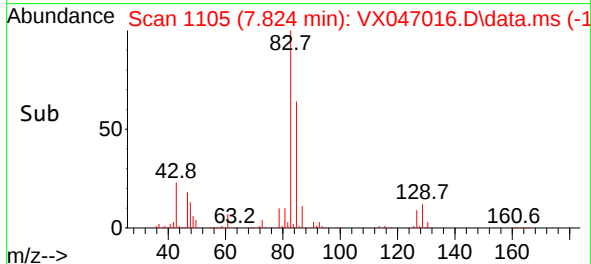
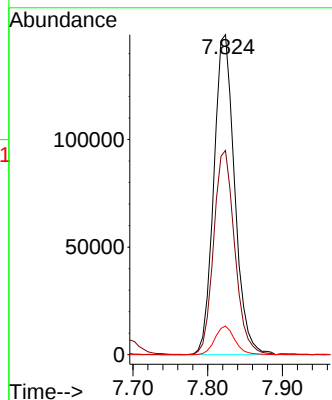
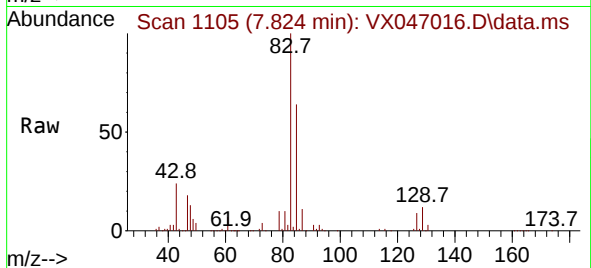




#47
Bromodichloromethane
Concen: 50.006 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

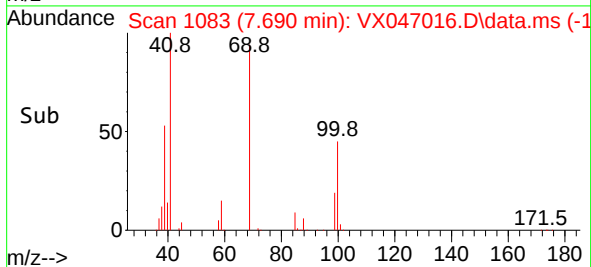
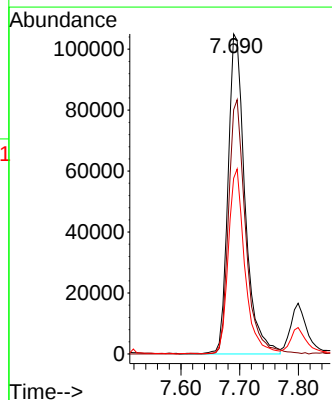
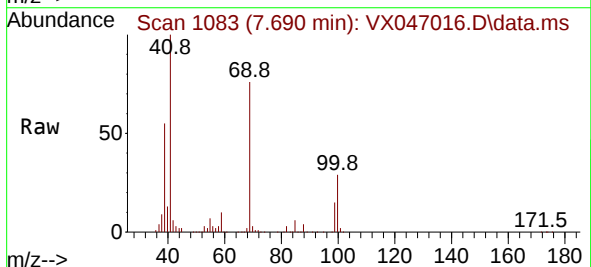
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

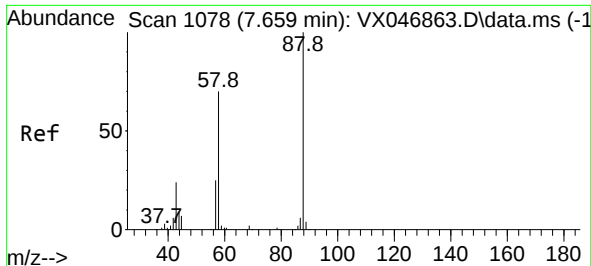
Tgt Ion: 83 Resp: 288758
Ion Ratio Lower Upper
83 100
85 62.4 50.2 75.4
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 61.535 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 41 Resp: 211715
Ion Ratio Lower Upper
41 100
69 79.6 65.8 98.8
39 55.8 43.8 65.6

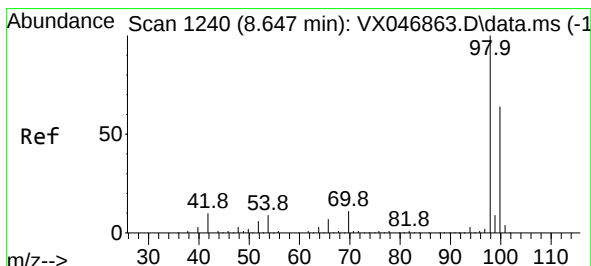
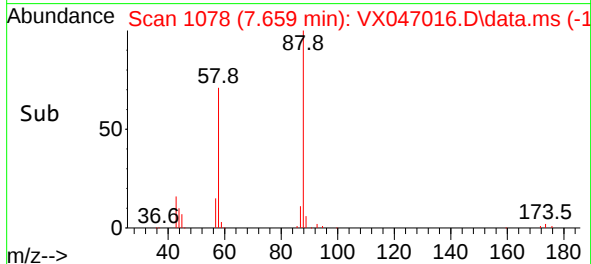
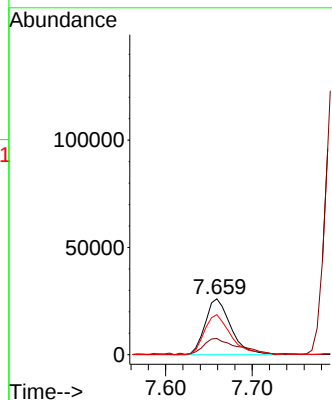
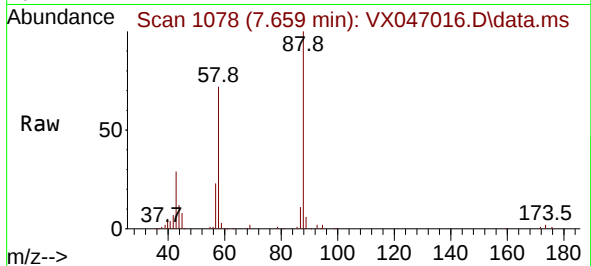




#49
1,4-Dioxane
Concen: 1339.175 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

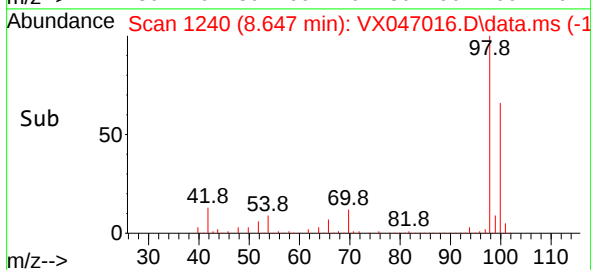
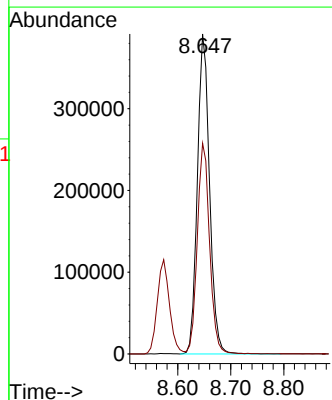
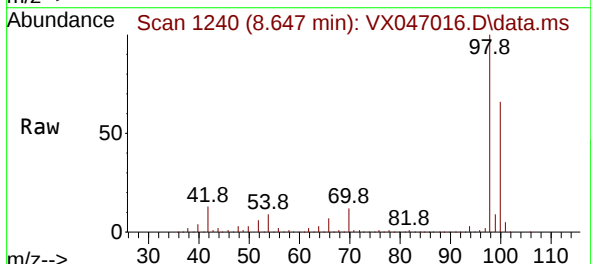
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

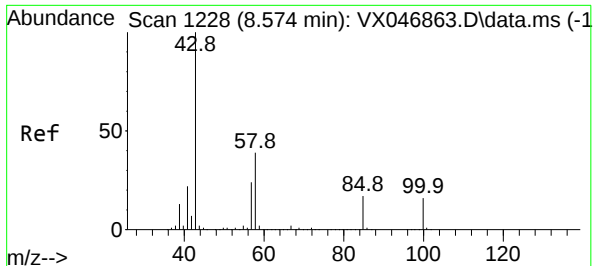
Tgt Ion: 88 Resp: 53387
Ion Ratio Lower Upper
88 100
43 40.1 31.7 47.5
58 74.6 57.5 86.3



#50
Toluene-d8
Concen: 46.747 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 98 Resp: 624373
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6

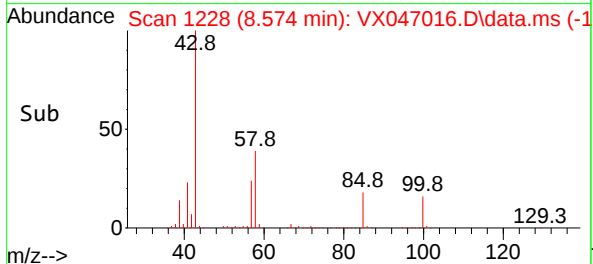
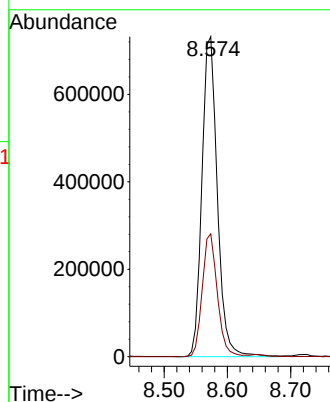
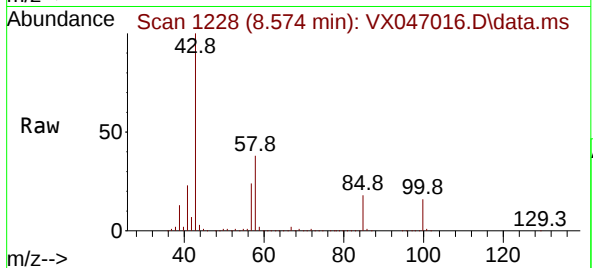




#51
4-Methyl-2-Pentanone
Concen: 316.598 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

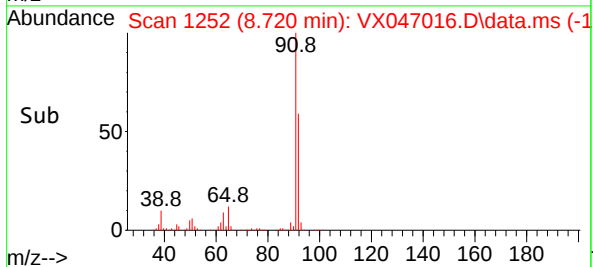
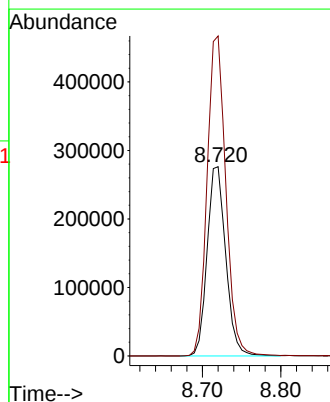
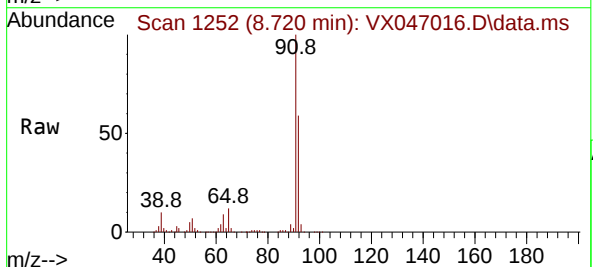
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1245013
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6



#52
Toluene
Concen: 47.521 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 92 Resp: 454929
Ion Ratio Lower Upper
92 100
91 170.4 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 53.065 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

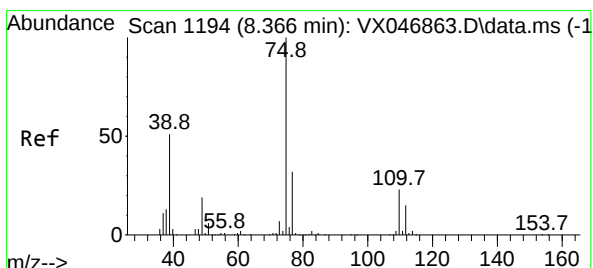
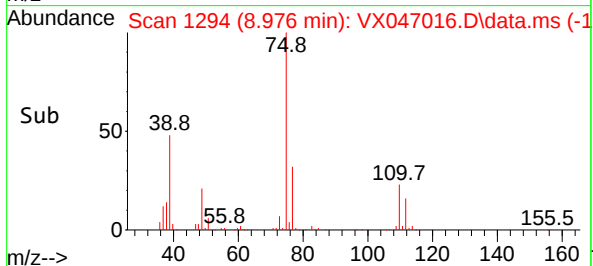
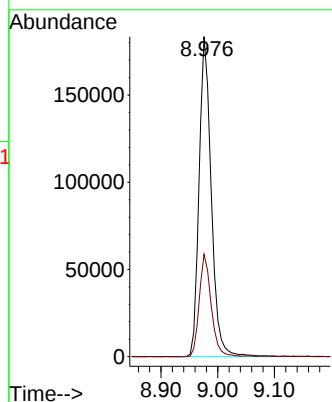
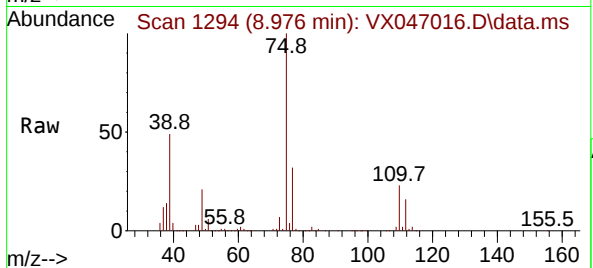
VSTDCCC050

Tgt Ion: 75 Resp: 273466

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 51.495 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

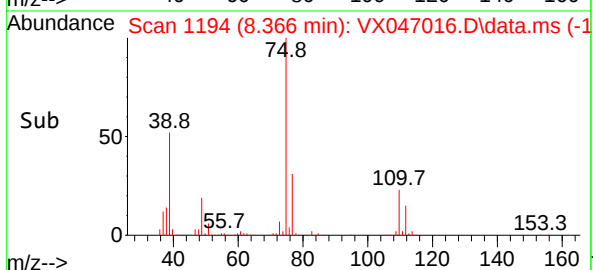
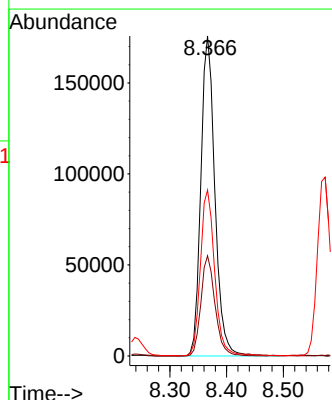
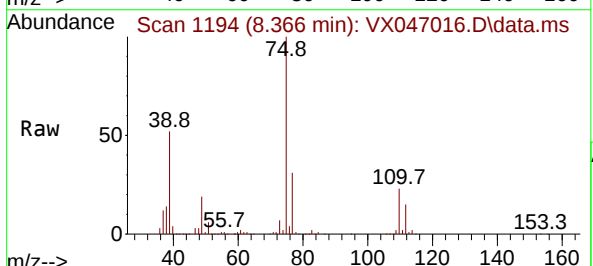
Tgt Ion: 75 Resp: 302907

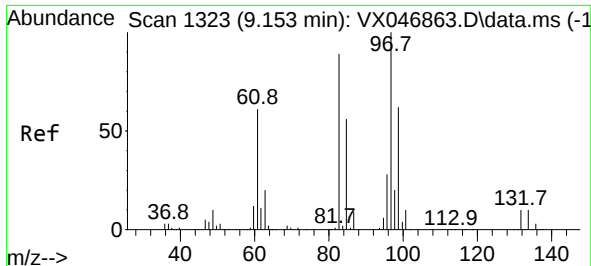
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 51.1 40.7 61.1



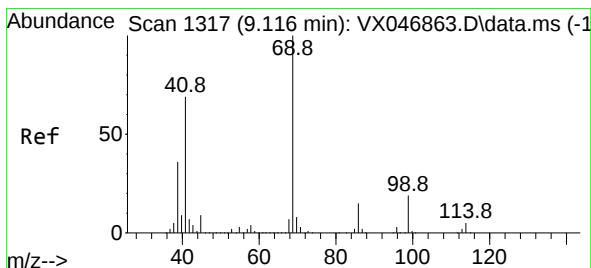
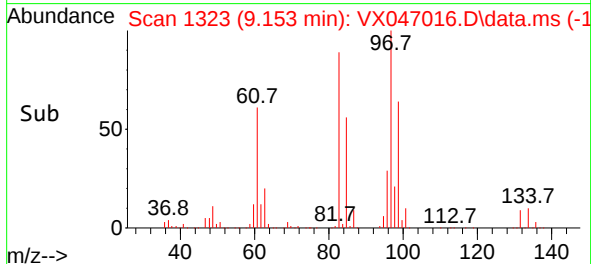
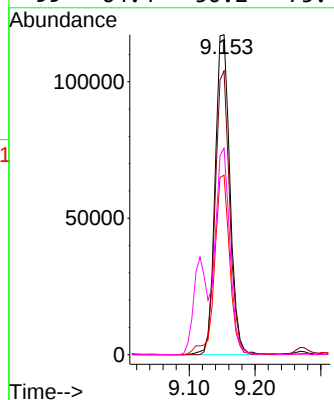
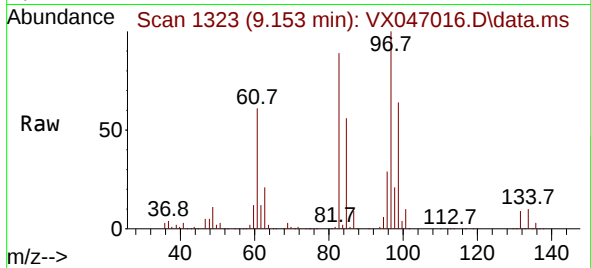


#55
 1,1,2-Trichloroethane
 Concen: 51.604 ug/l
 RT: 9.153 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047016.D
 Acq: 16 Jul 2025 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 184006

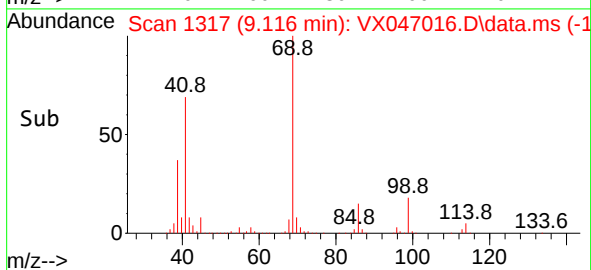
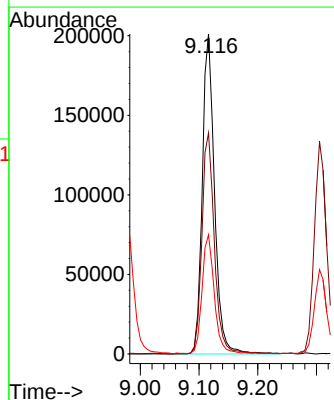
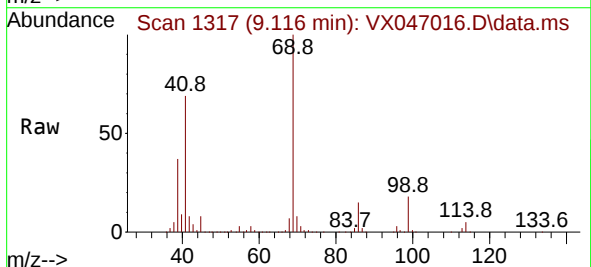
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.9	106.3
85	56.1	44.6	67.0
99	64.4	50.2	75.4

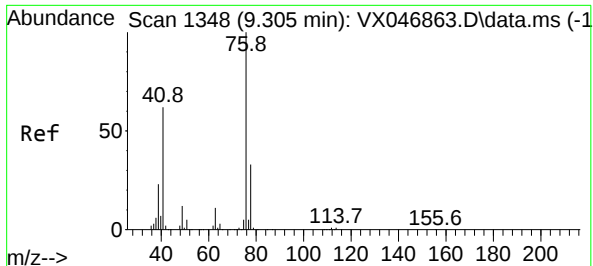


#56
 Ethyl methacrylate
 Concen: 58.971 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX047016.D
 Acq: 16 Jul 2025 09:26

Tgt Ion: 69 Resp: 291041

Ion	Ratio	Lower	Upper
69	100		
41	70.3	54.6	82.0
39	37.5	28.7	43.1

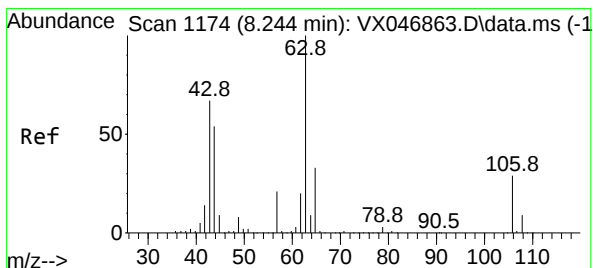
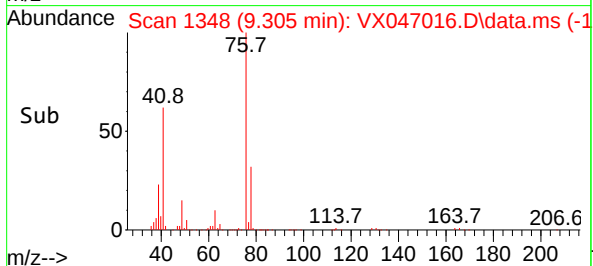
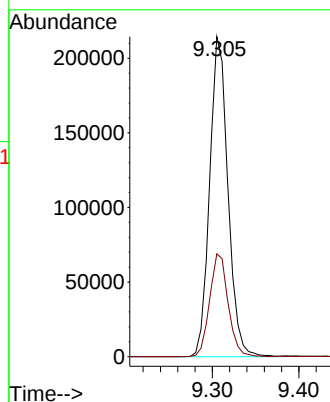
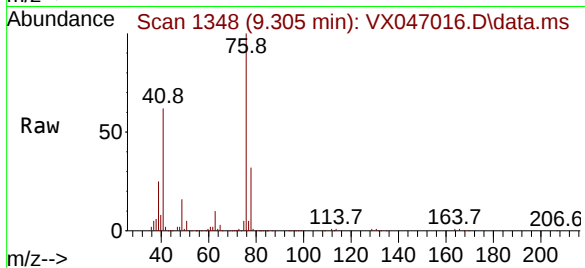




#57
1,3-Dichloropropane
Concen: 51.159 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

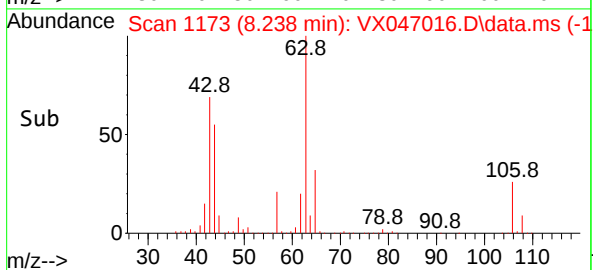
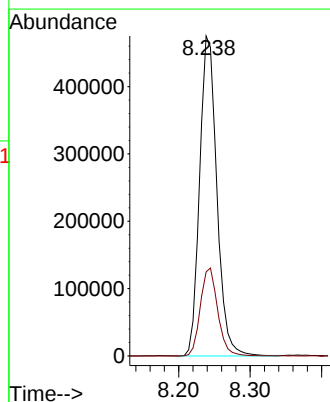
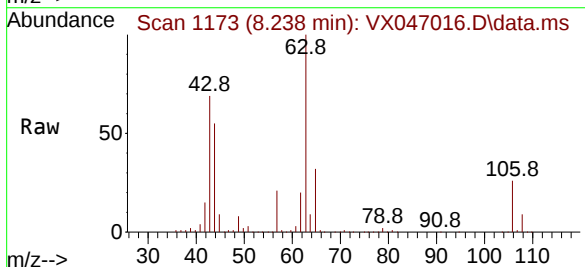
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

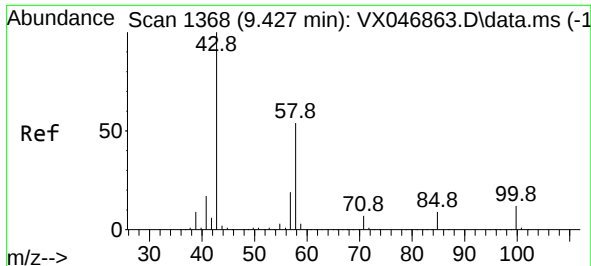
Tgt Ion: 76 Resp: 314115
Ion Ratio Lower Upper
76 100
78 32.6 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 285.619 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 63 Resp: 794246
Ion Ratio Lower Upper
63 100
106 27.7 22.6 33.8





#59

2-Hexanone

Concen: 326.601 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

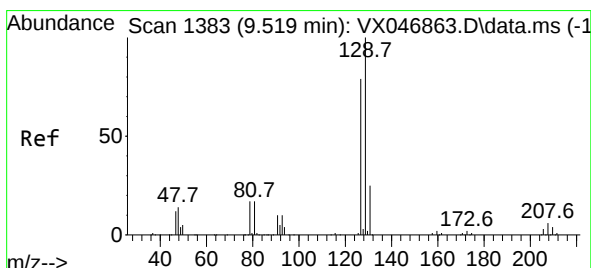
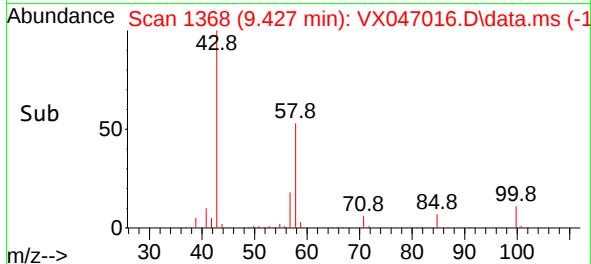
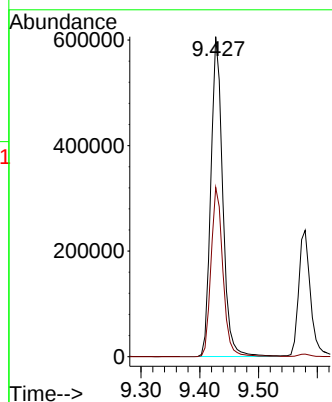
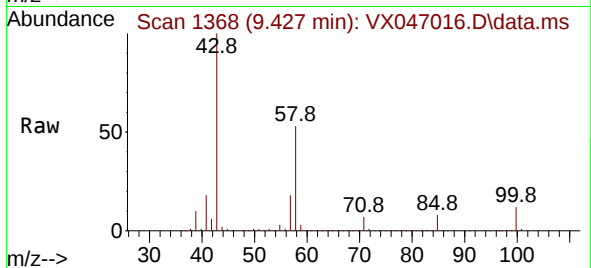
VSTDCCC050

Tgt Ion: 43 Resp: 851908

Ion Ratio Lower Upper

43 100

58 53.3 27.1 81.3



#60

Dibromochloromethane

Concen: 49.909 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX047016.D

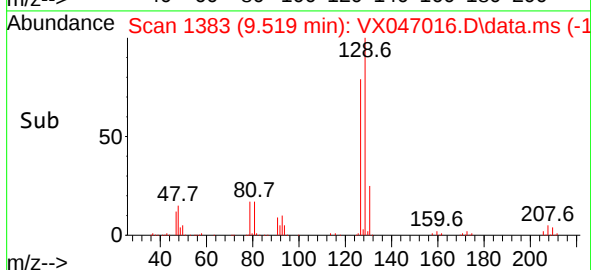
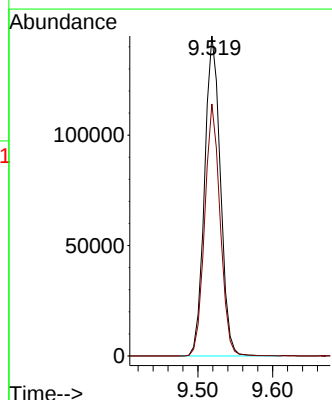
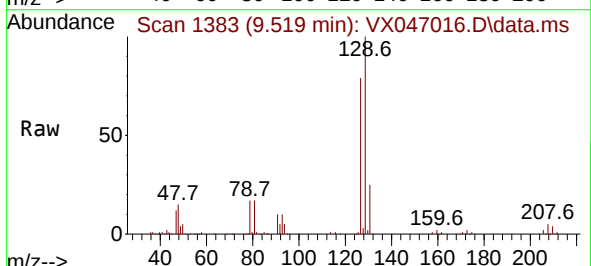
Acq: 16 Jul 2025 09:26

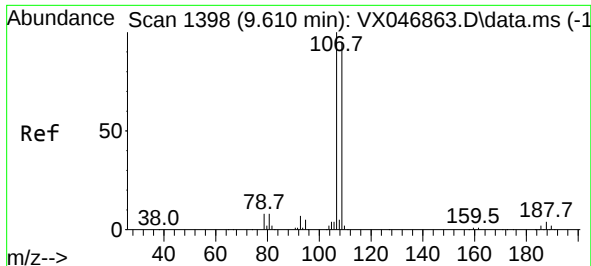
Tgt Ion: 129 Resp: 212976

Ion Ratio Lower Upper

129 100

127 76.8 39.1 117.5

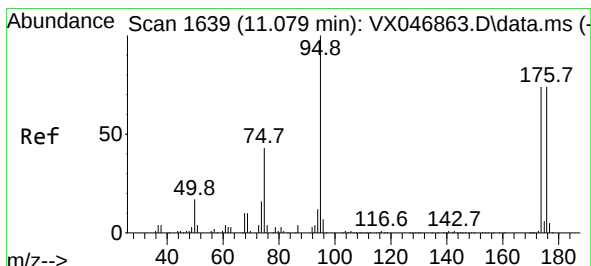
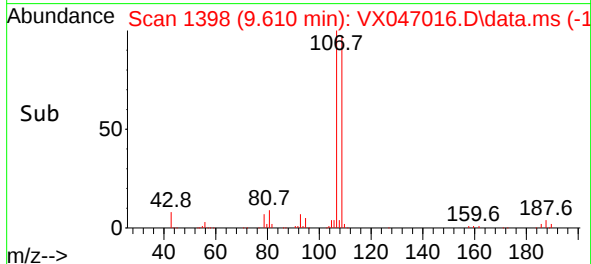
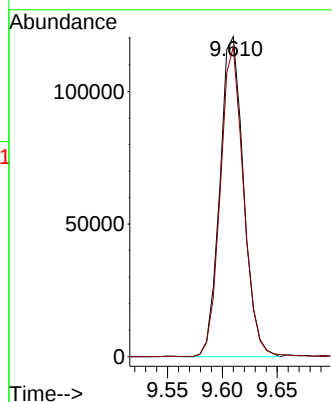
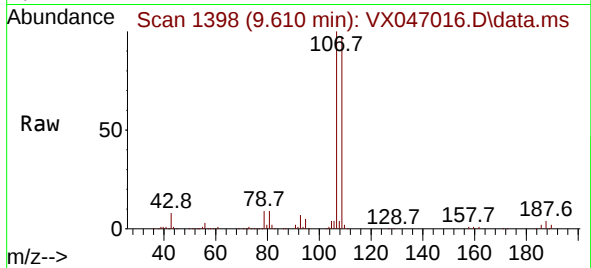




#61
1,2-Dibromoethane
Concen: 50.601 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

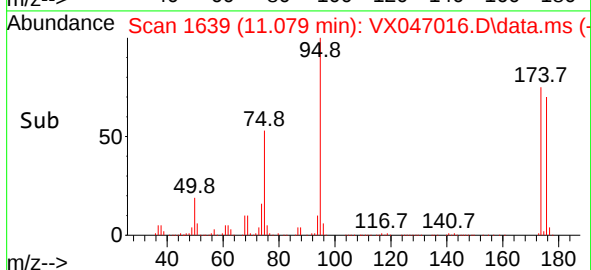
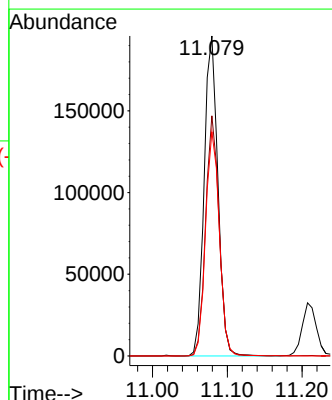
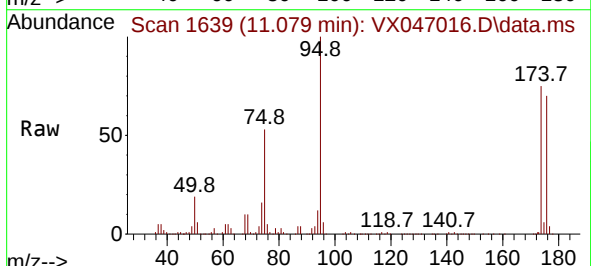
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

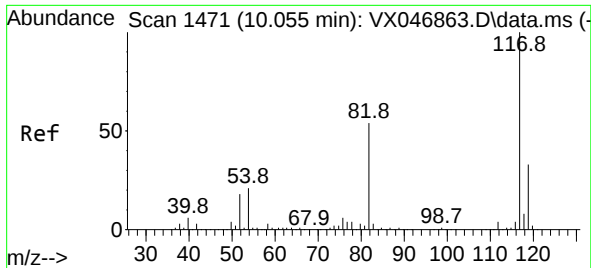
Tgt Ion:107 Resp: 181210
Ion Ratio Lower Upper
107 100
109 95.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 95 Resp: 249828
Ion Ratio Lower Upper
95 100
174 73.7 0.0 152.0
176 70.7 0.0 145.2

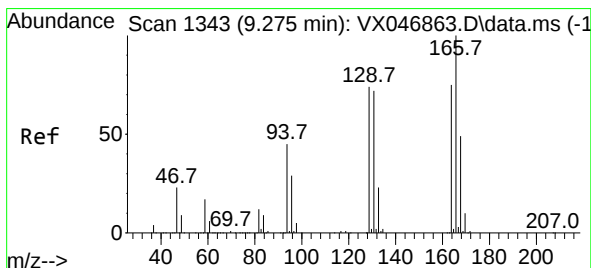
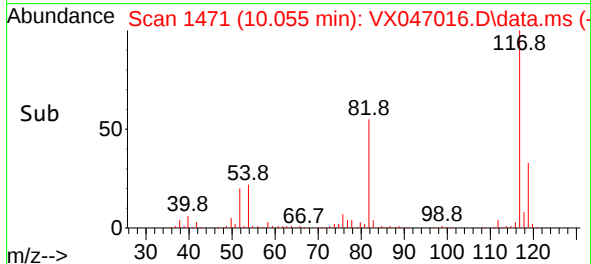
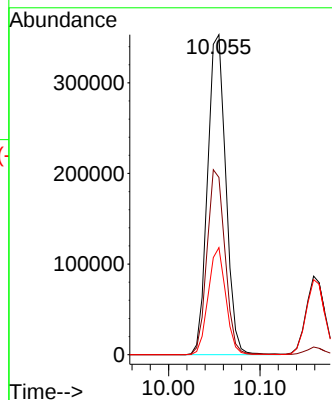
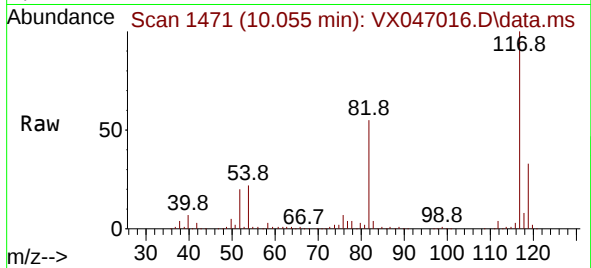




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

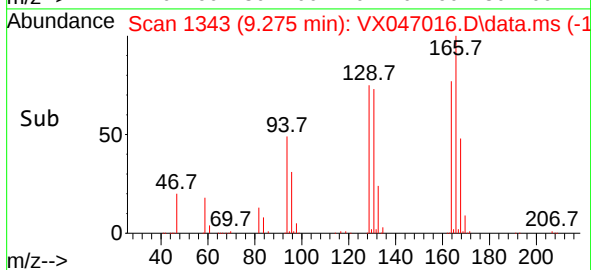
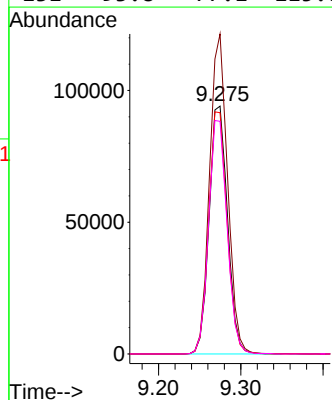
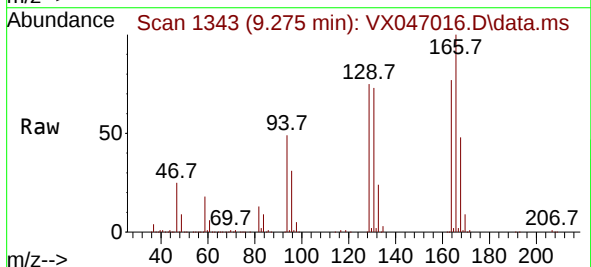
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

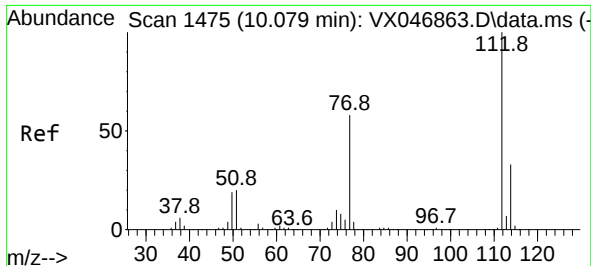
Tgt Ion:117 Resp: 489553
Ion Ratio Lower Upper
117 100
82 55.4 43.3 64.9
119 33.4 26.4 39.6



#64
Tetrachloroethene
Concen: 44.753 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion:164 Resp: 145870
Ion Ratio Lower Upper
164 100
166 129.1 107.0 160.6
129 97.3 79.7 119.5
131 93.8 77.1 115.7

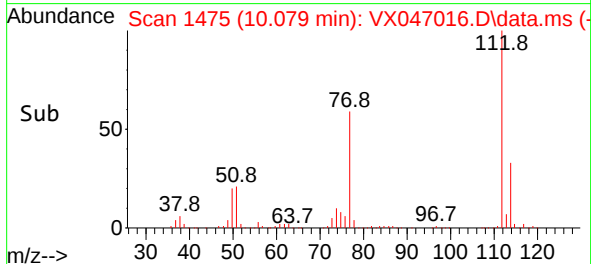
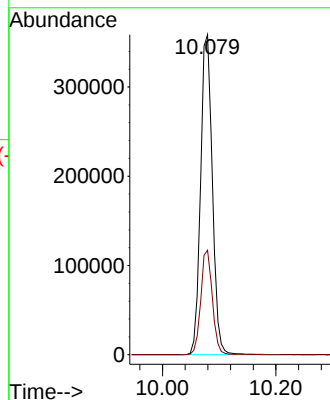
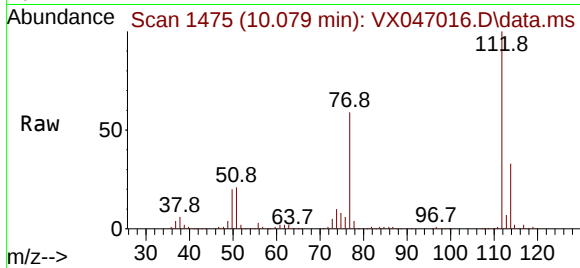




#65
Chlorobenzene
Concen: 48.766 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

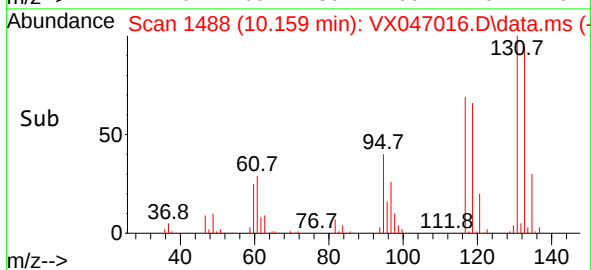
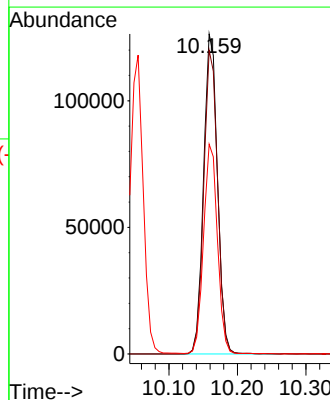
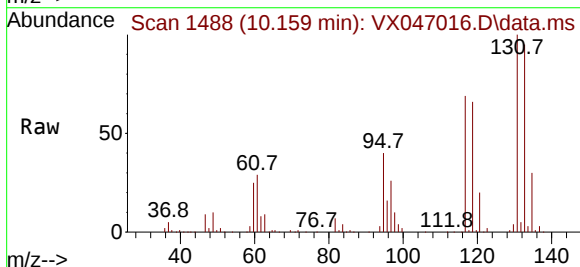
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

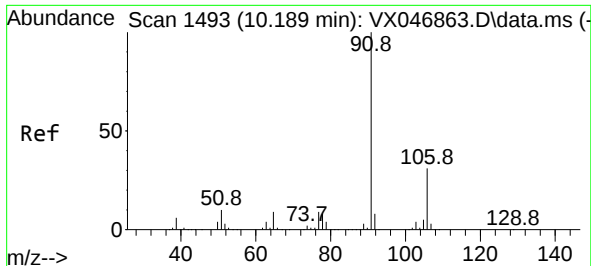
Tgt Ion:112 Resp: 516158
Ion Ratio Lower Upper
112 100
114 32.6 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.070 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion:131 Resp: 178154
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.9
119 65.7 32.4 97.2





#67

Ethyl Benzene

Concen: 49.296 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

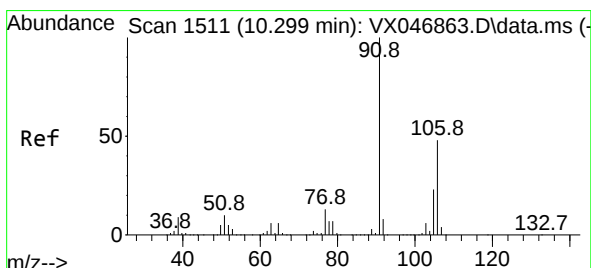
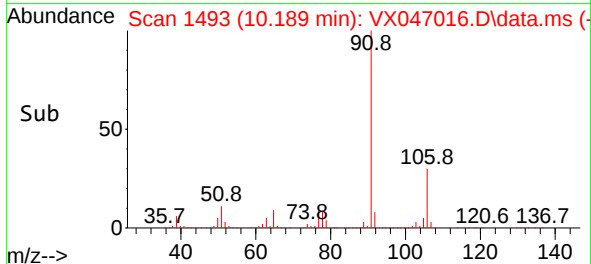
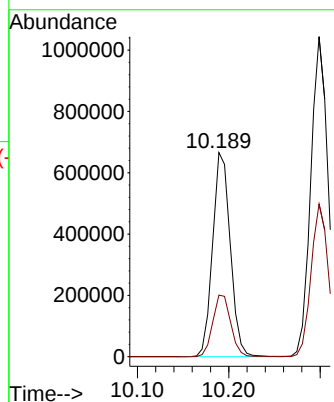
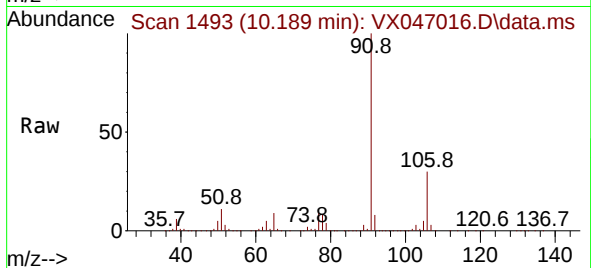
VSTDCCC050

Tgt Ion: 91 Resp: 893535

Ion Ratio Lower Upper

91 100

106 30.1 24.4 36.6



#68

m/p-Xylenes

Concen: 96.627 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX047016.D

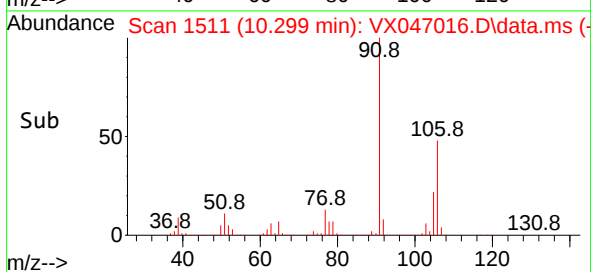
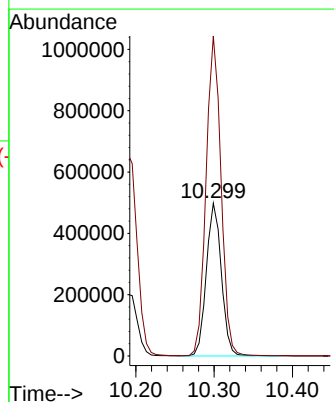
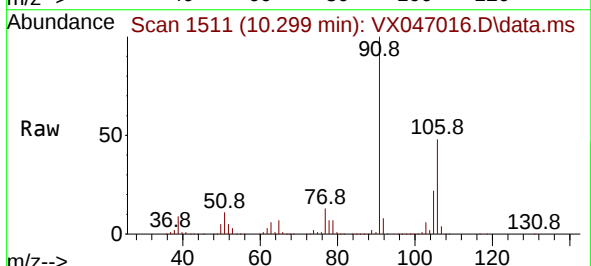
Acq: 16 Jul 2025 09:26

Tgt Ion:106 Resp: 659982

Ion Ratio Lower Upper

106 100

91 209.7 164.6 246.8

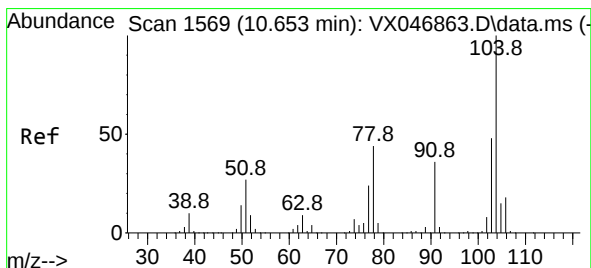
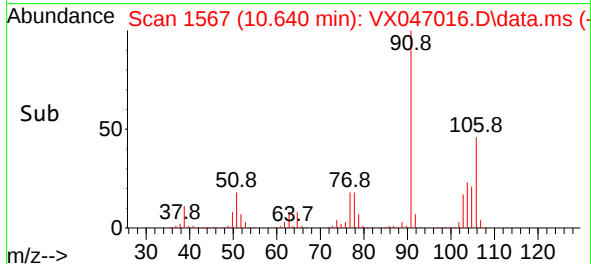
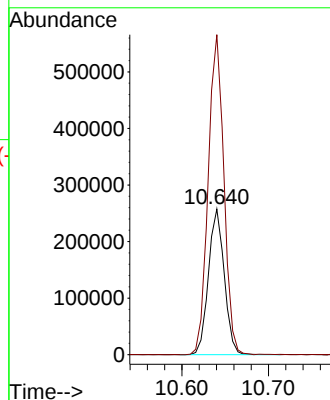
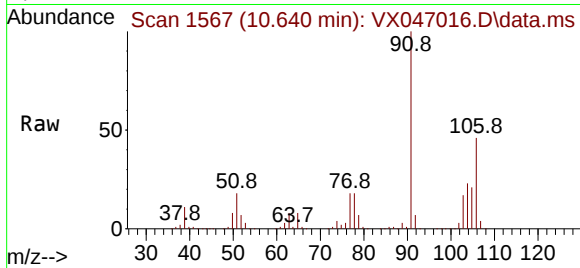




#69
o-Xylene
Concen: 49.506 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

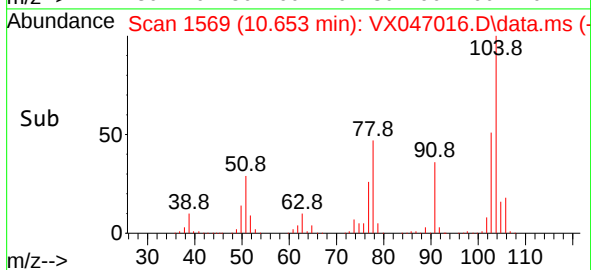
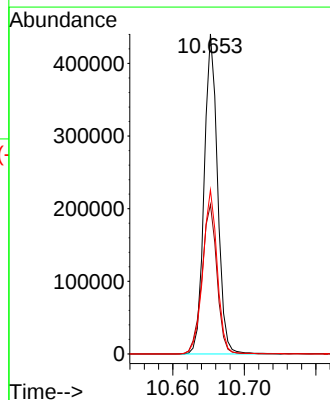
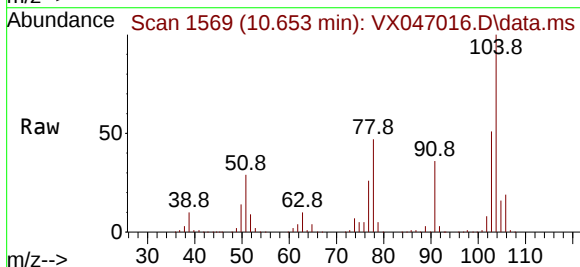
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

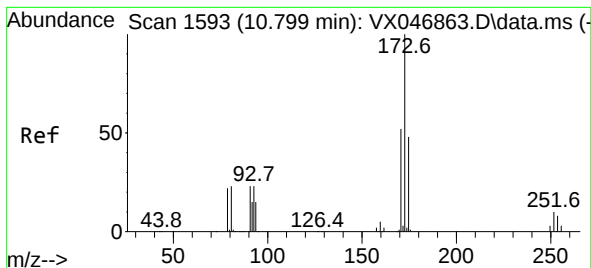
Tgt Ion:106 Resp: 326625
Ion Ratio Lower Upper
106 100
91 218.3 109.5 328.5



#70
Styrene
Concen: 50.765 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion:104 Resp: 573036
Ion Ratio Lower Upper
104 100
78 52.1 40.3 60.5
103 54.9 42.8 64.2





#71

Bromoform

Concen: 51.994 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

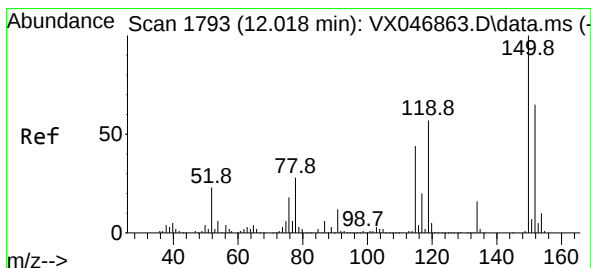
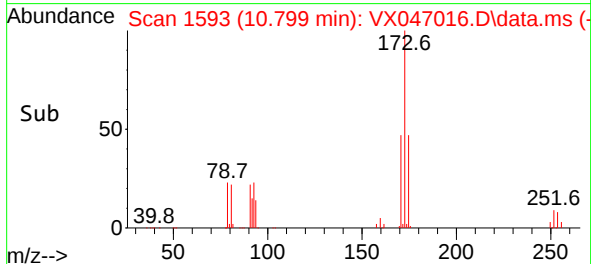
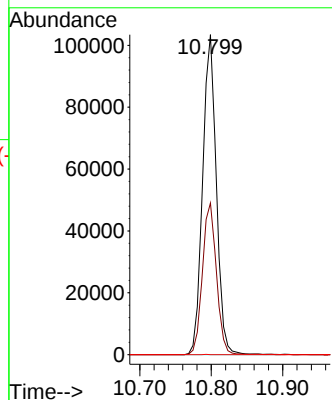
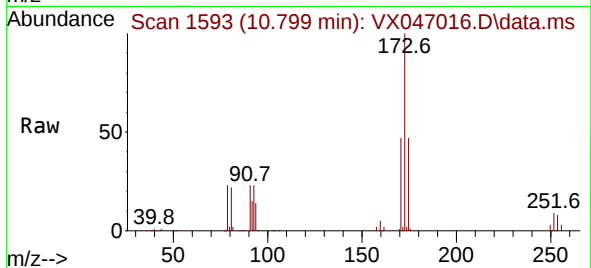
Tgt Ion:173 Resp: 137554

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

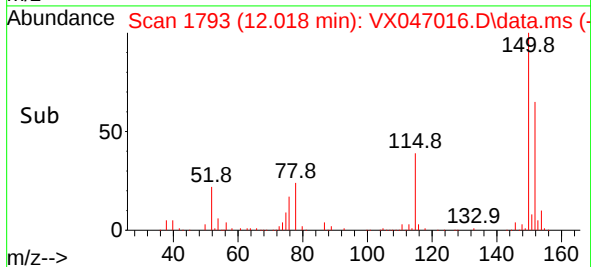
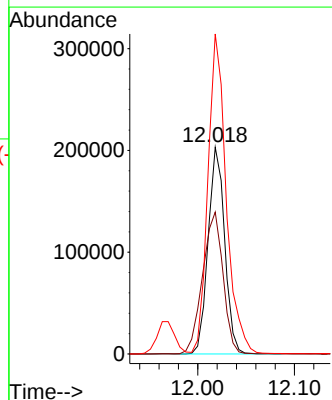
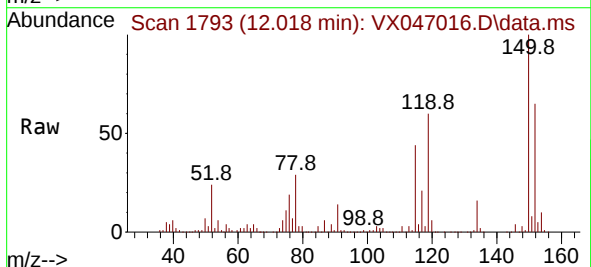
Tgt Ion:152 Resp: 242580

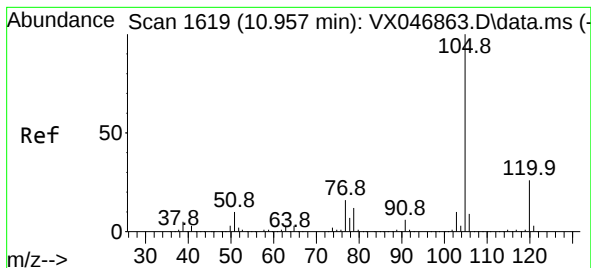
Ion Ratio Lower Upper

152 100

115 84.6 42.4 127.1

150 170.7 0.0 349.2





#73

Isopropylbenzene

Concen: 51.445 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

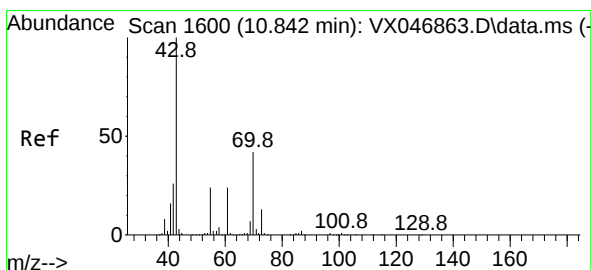
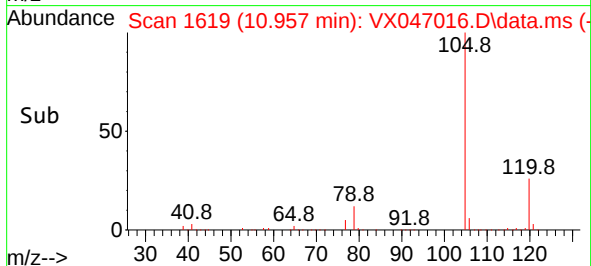
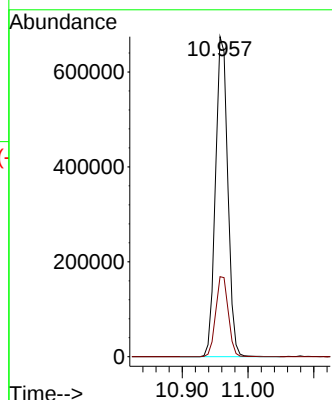
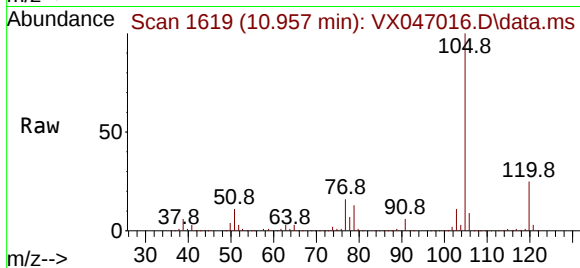
VSTDCCC050

Tgt Ion:105 Resp: 877270

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.5



#74

N-ethyl acetate

Concen: 62.627 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Tgt Ion: 43 Resp: 362904

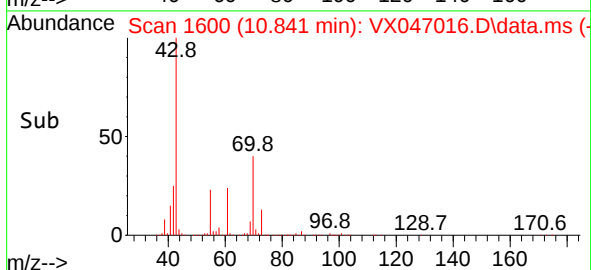
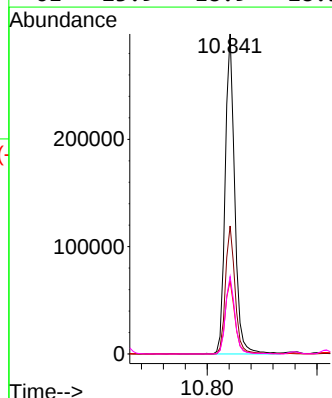
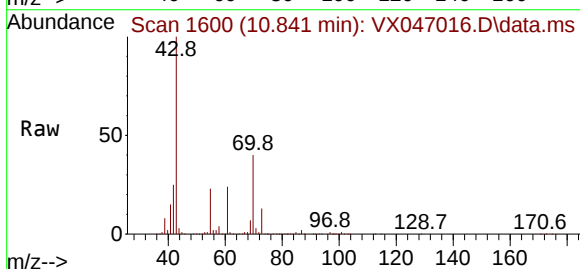
Ion Ratio Lower Upper

43 100

70 40.4 33.4 50.2

55 23.3 19.6 29.4

61 23.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 55.985 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

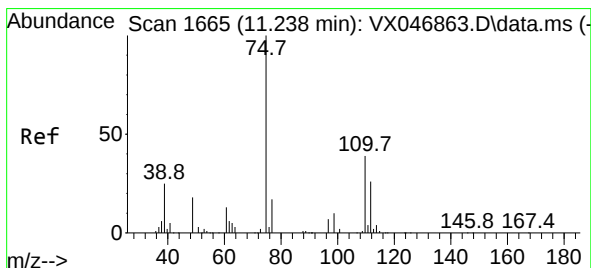
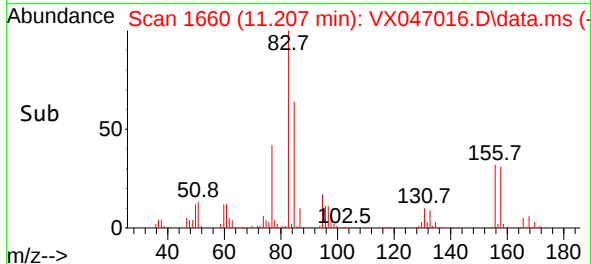
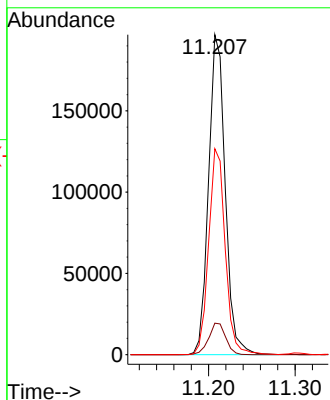
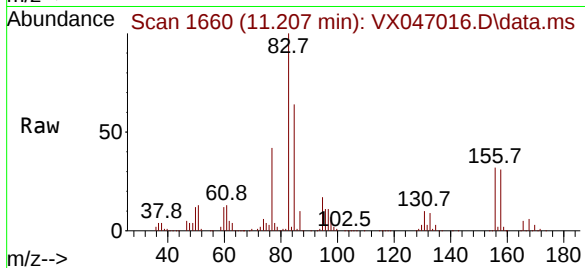
Tgt Ion: 83 Resp: 262516

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 64.1 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 74.062 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX047016.D

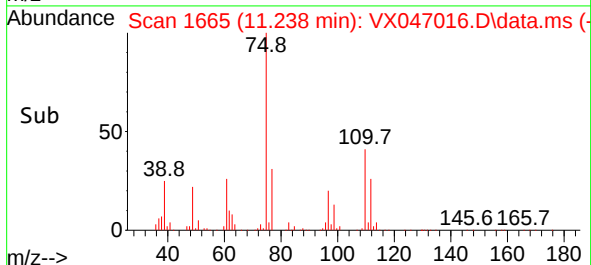
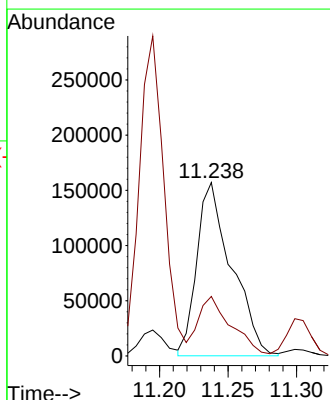
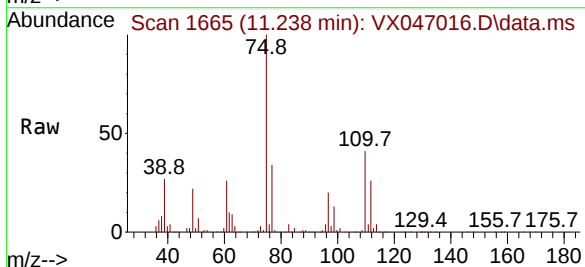
Acq: 16 Jul 2025 09:26

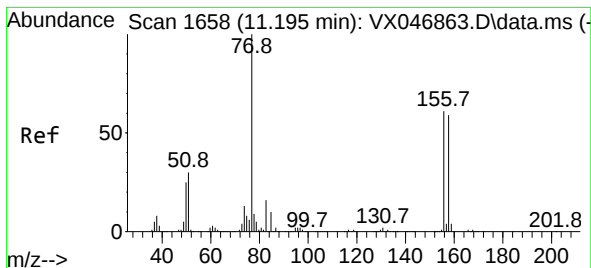
Tgt Ion: 75 Resp: 277598

Ion Ratio Lower Upper

75 100

77 33.0 20.6 61.8





#77

Bromobenzene

Concen: 49.376 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

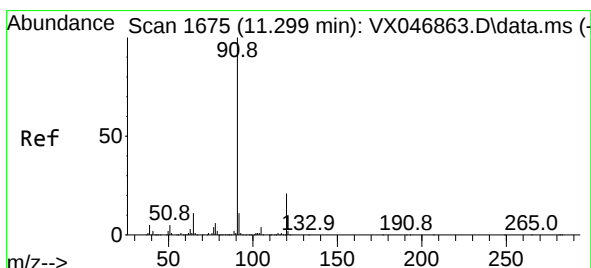
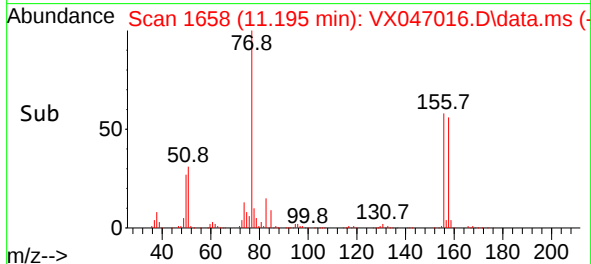
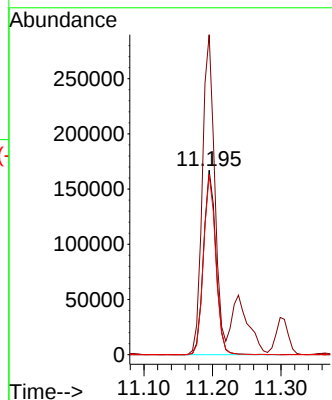
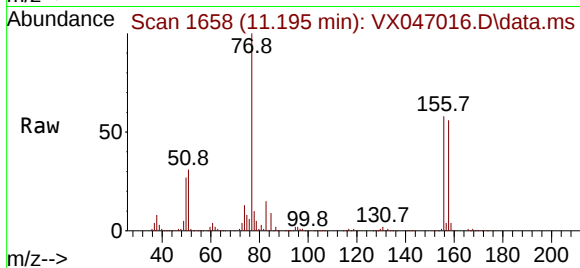
Tgt Ion:156 Resp: 209727

Ion Ratio Lower Upper

156 100

77 173.3 82.3 247.0

158 96.9 47.5 142.6



#78

n-propylbenzene

Concen: 50.156 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX047016.D

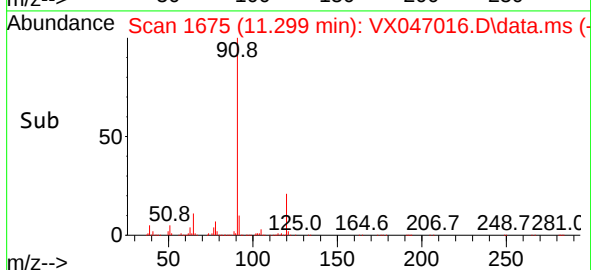
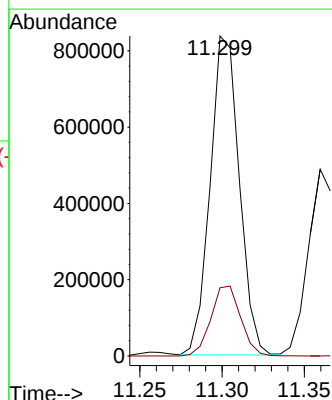
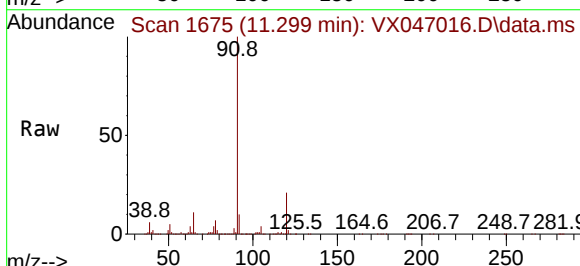
Acq: 16 Jul 2025 09:26

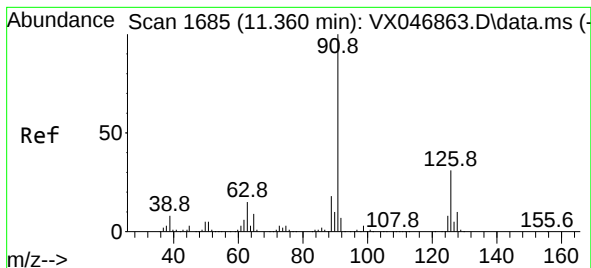
Tgt Ion: 91 Resp: 1031313

Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.5

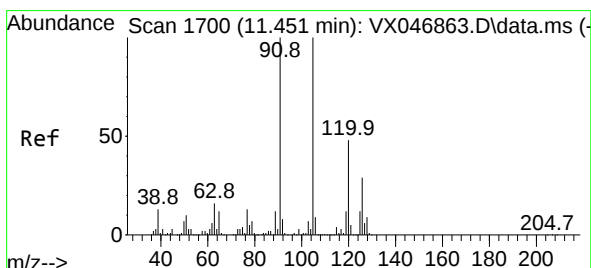
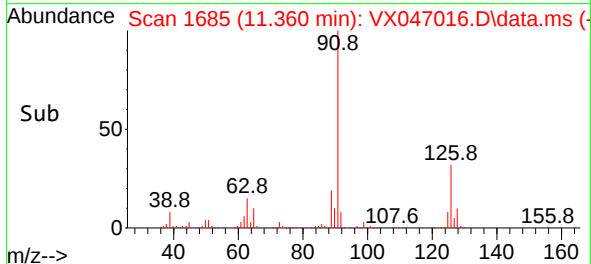
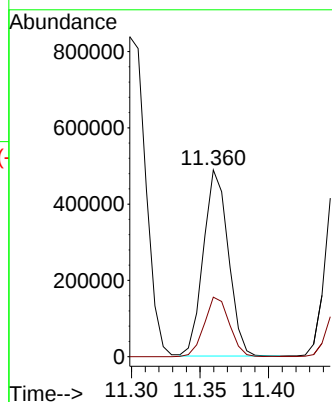
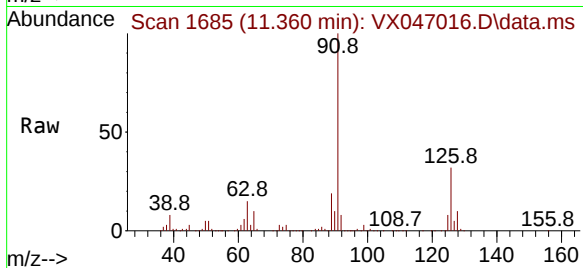




#79
2-Chlorotoluene
Concen: 50.925 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

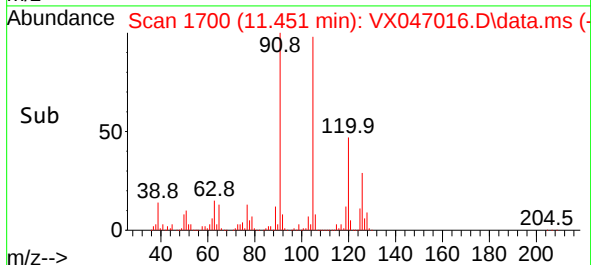
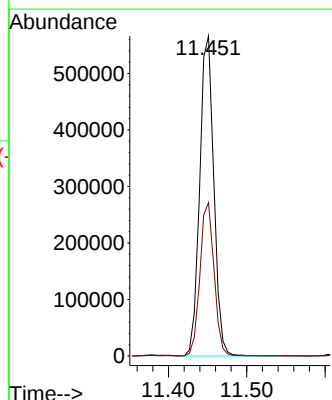
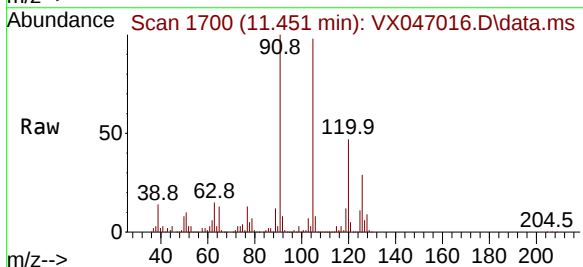
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 618288
Ion Ratio Lower Upper
91 100
126 32.3 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 51.220 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 105 Resp: 709704
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.4

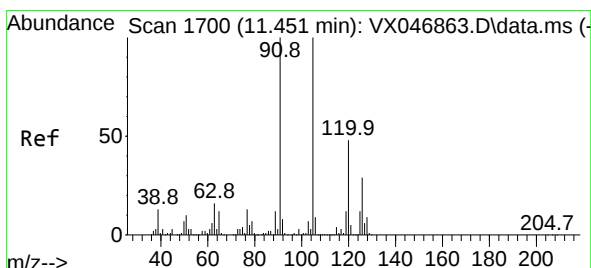
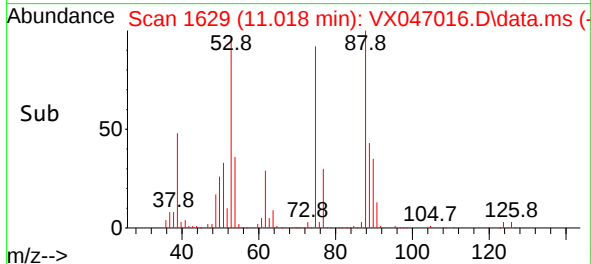
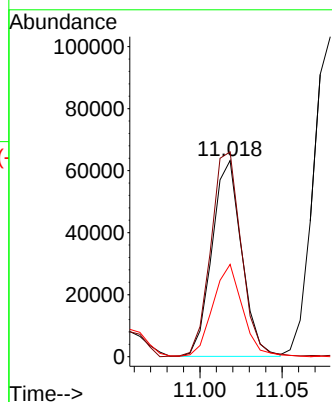
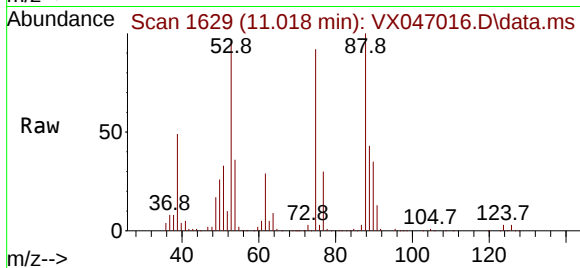




#81
trans-1,4-Dichloro-2-butene
Concen: 56.831 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

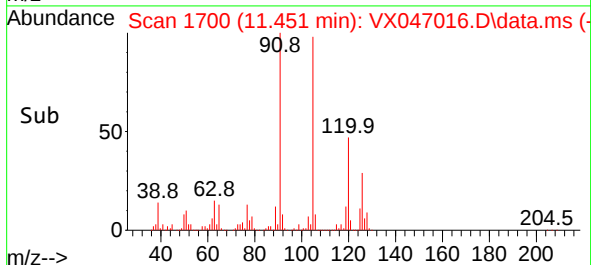
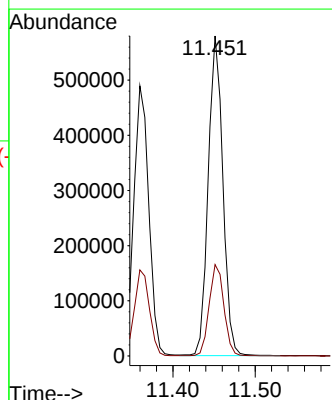
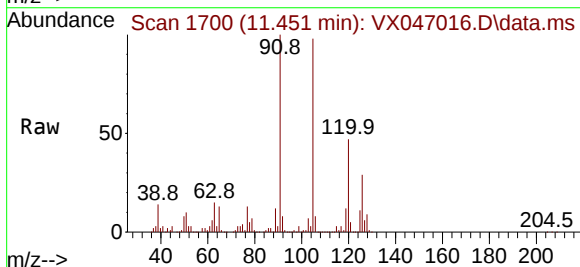
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

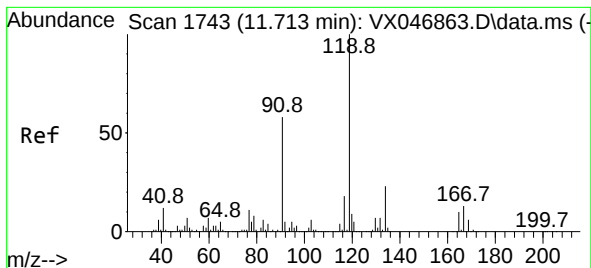
Tgt Ion: 75 Resp: 79380
Ion Ratio Lower Upper
75 100
53 107.7 83.7 125.5
89 47.3 38.2 57.2



#82
4-Chlorotoluene
Concen: 51.130 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047016.D
Acq: 16 Jul 2025 09:26

Tgt Ion: 91 Resp: 716382
Ion Ratio Lower Upper
91 100
126 28.8 14.6 44.0





#83

tert-Butylbenzene

Concen: 51.238 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

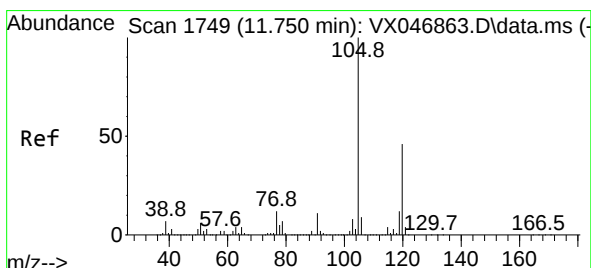
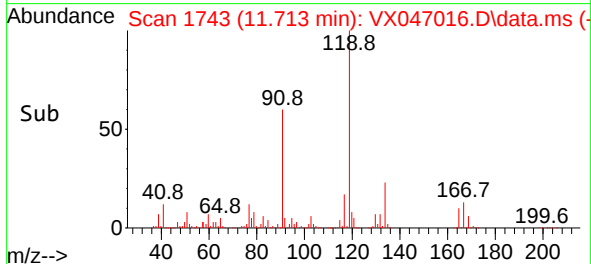
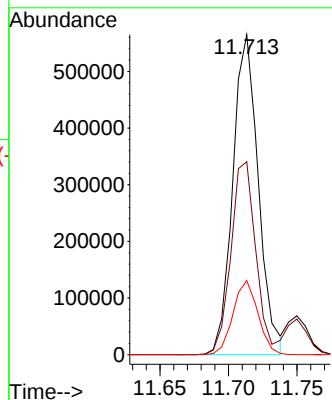
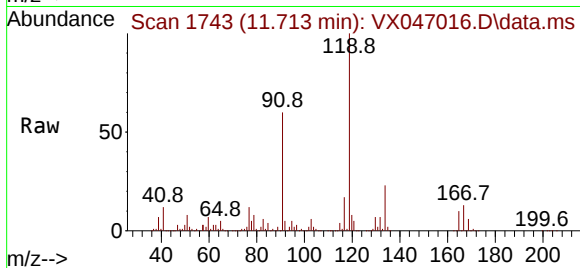
Tgt Ion:119 Resp: 733272

Ion Ratio Lower Upper

119 100

91 58.4 28.7 86.3

134 22.6 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 50.725 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX047016.D

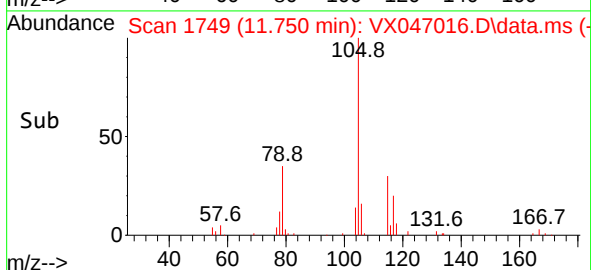
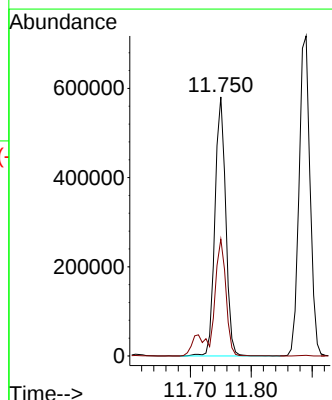
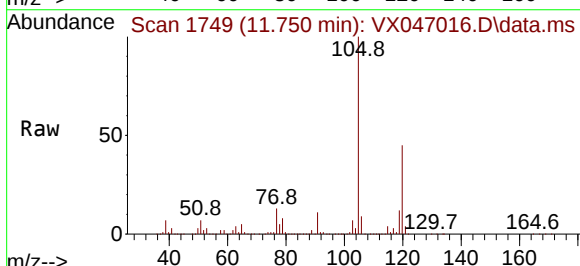
Acq: 16 Jul 2025 09:26

Tgt Ion:105 Resp: 710408

Ion Ratio Lower Upper

105 100

120 43.4 23.3 69.8

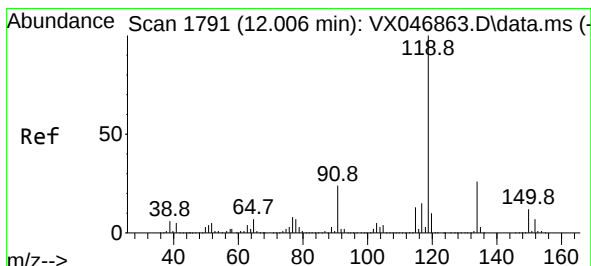
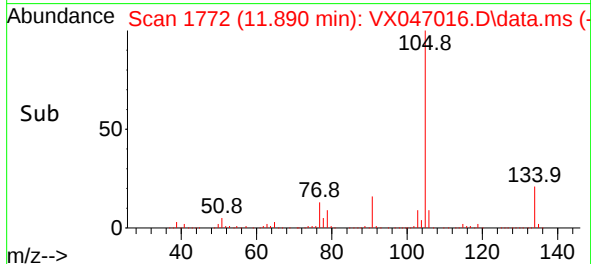
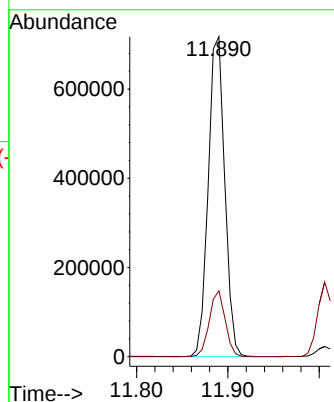
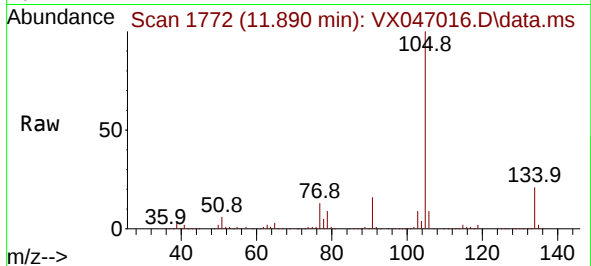




#85
 sec-Butylbenzene
 Concen: 49.882 ug/l
 RT: 11.890 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VX047016.D
 Acq: 16 Jul 2025 09:26

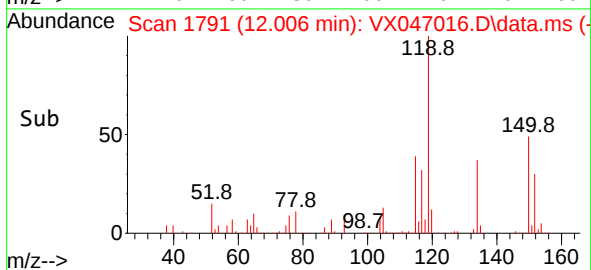
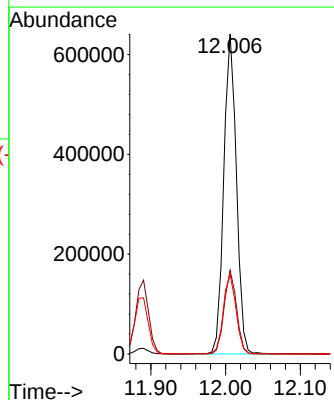
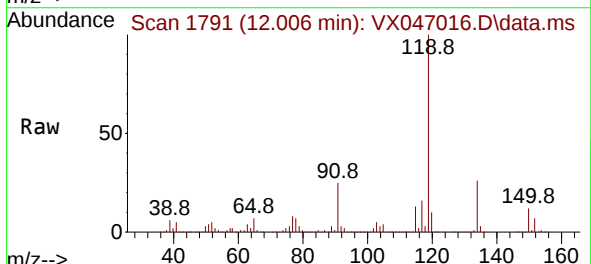
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

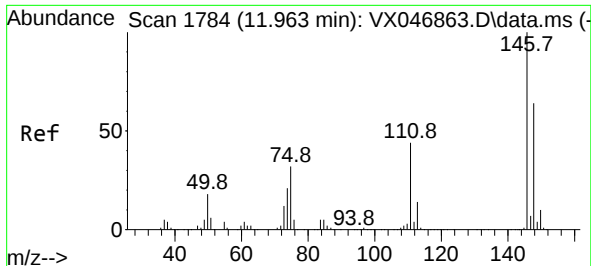
Tgt Ion:105 Resp: 900054
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 49.827 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047016.D
 Acq: 16 Jul 2025 09:26

Tgt Ion:119 Resp: 752885
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.111 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

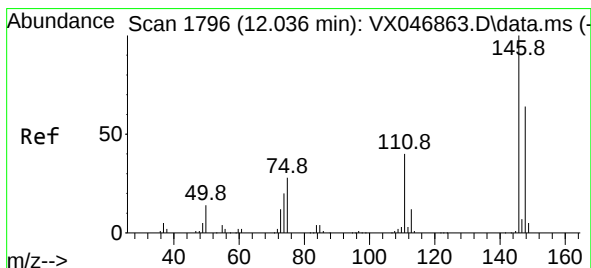
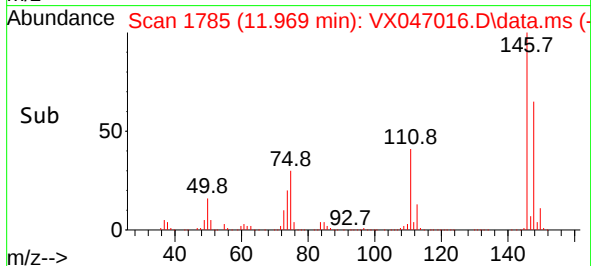
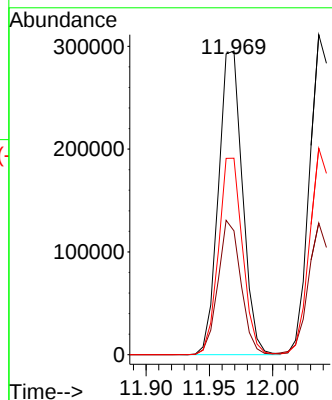
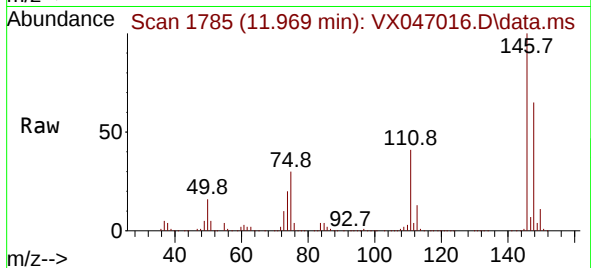
Tgt Ion:146 Resp: 390135

Ion Ratio Lower Upper

146 100

111 42.1 20.5 61.6

148 64.4 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 47.697 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

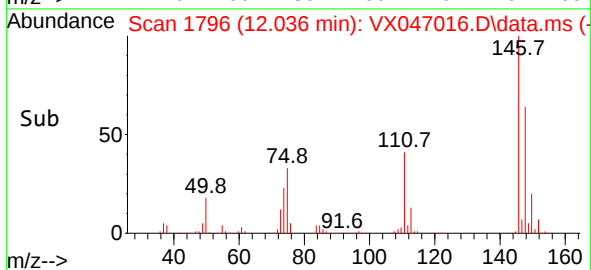
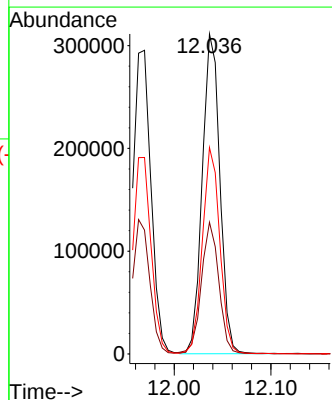
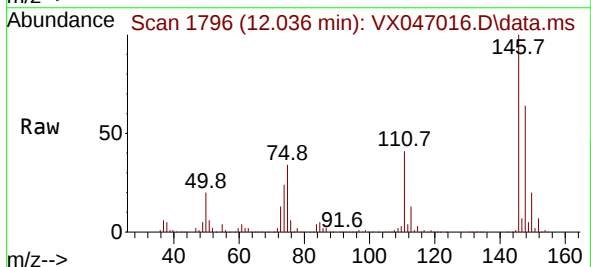
Tgt Ion:146 Resp: 394339

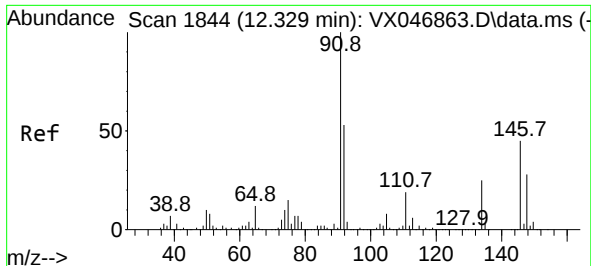
Ion Ratio Lower Upper

146 100

111 41.1 20.2 60.5

148 63.9 32.4 97.0





#89

n-Butylbenzene

Concen: 49.161 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

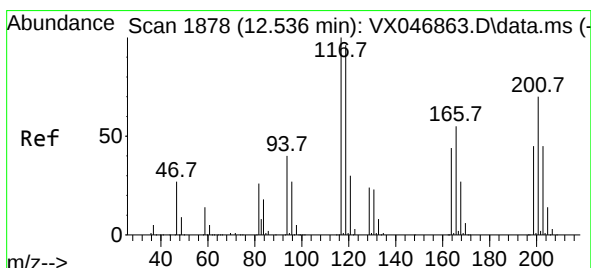
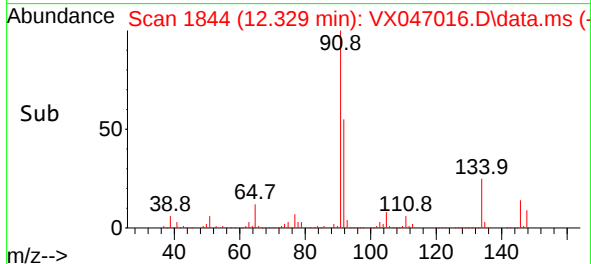
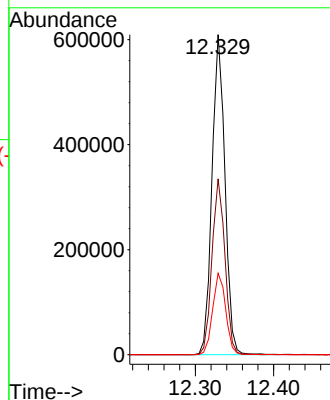
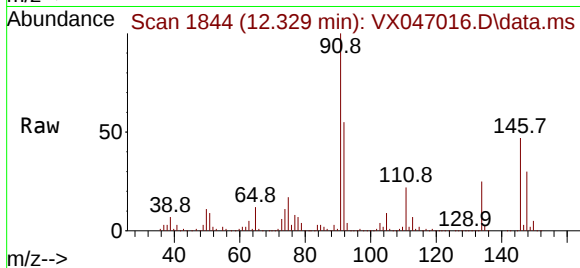
Tgt Ion: 91 Resp: 697969

Ion Ratio Lower Upper

91 100

92 54.9 27.0 81.0

134 25.7 12.8 38.4



#90

Hexachloroethane

Concen: 48.469 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX047016.D

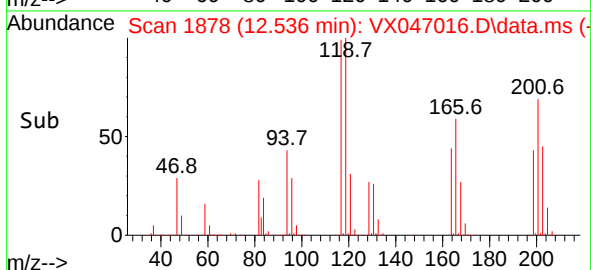
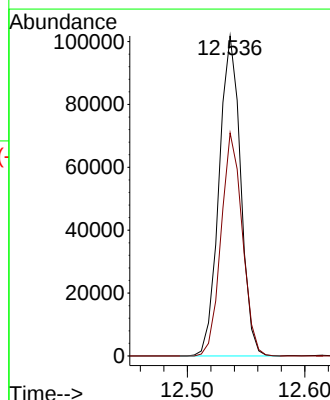
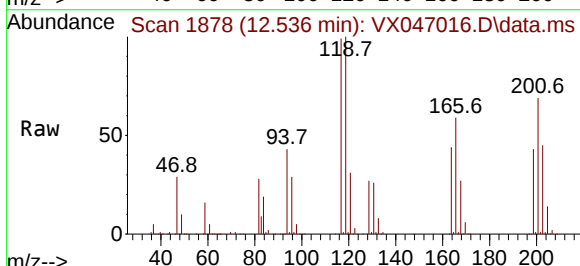
Acq: 16 Jul 2025 09:26

Tgt Ion: 117 Resp: 129831

Ion Ratio Lower Upper

117 100

201 68.7 35.8 107.4

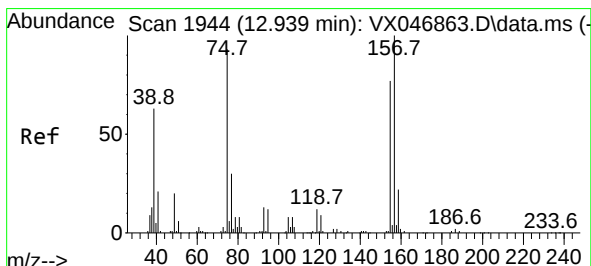
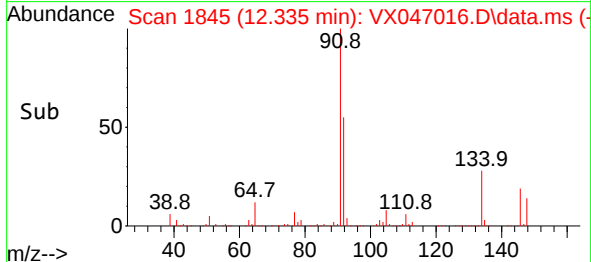
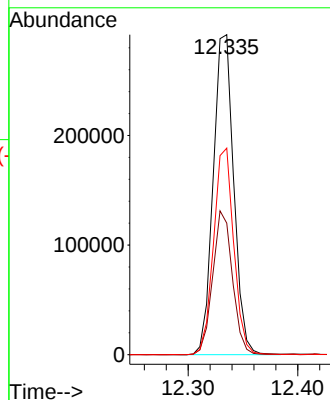
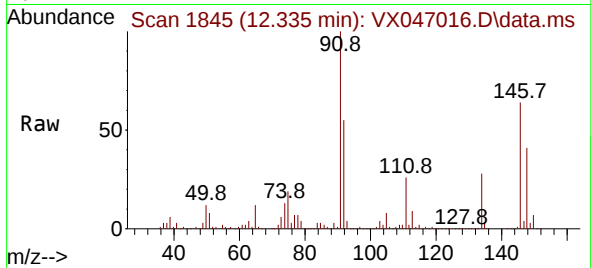




#91
 1,2-Dichlorobenzene
 Concen: 49.340 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX047016.D
 Acq: 16 Jul 2025 09:26

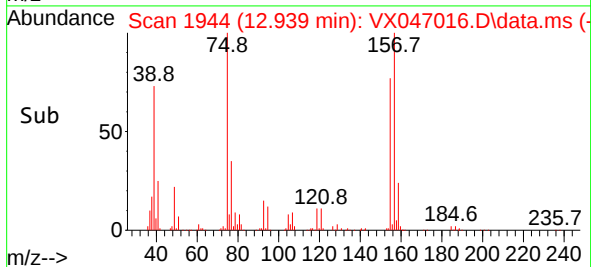
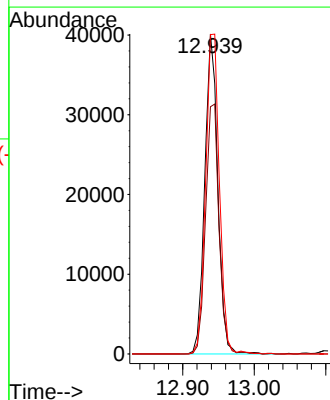
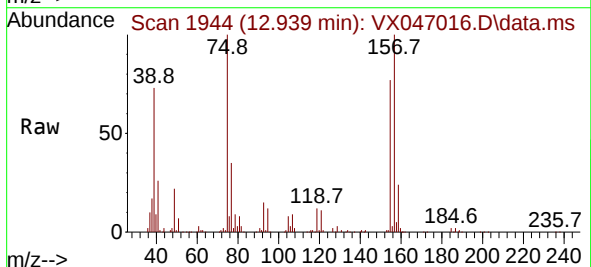
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 379822
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.1 63.1
 148 63.7 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.024 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX047016.D
 Acq: 16 Jul 2025 09:26

Tgt Ion: 75 Resp: 50868
 Ion Ratio Lower Upper
 75 100
 155 80.4 43.1 129.4
 157 105.2 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 49.437 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

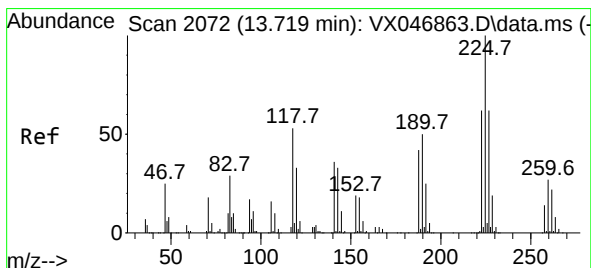
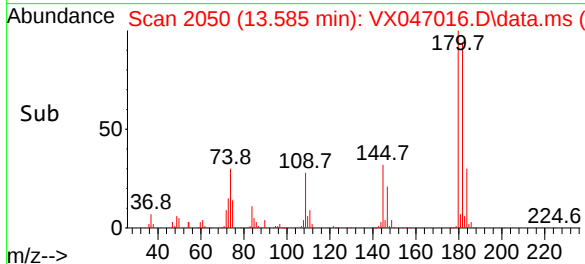
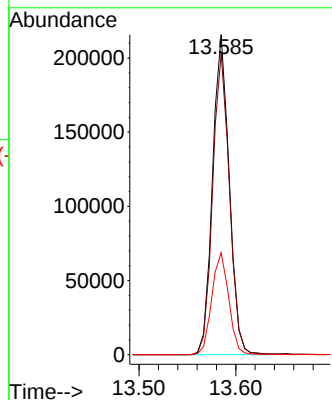
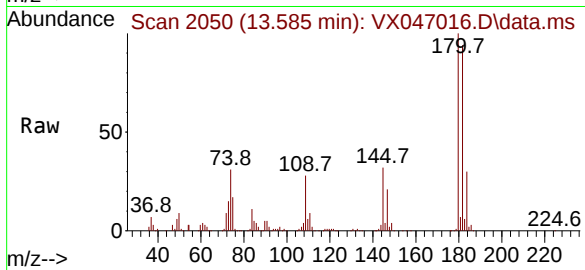
Tgt Ion:180 Resp: 258543

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 32.3 16.1 48.2



#94

Hexachlorobutadiene

Concen: 42.770 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

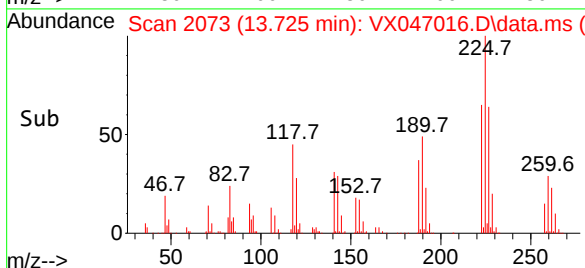
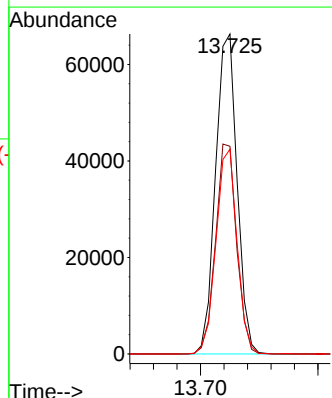
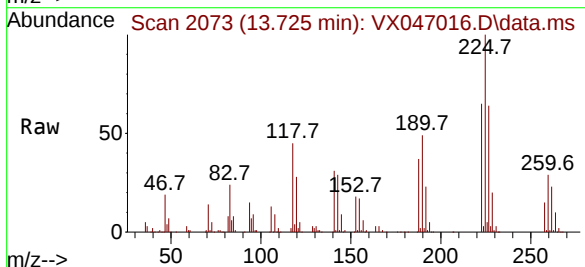
Tgt Ion:225 Resp: 84355

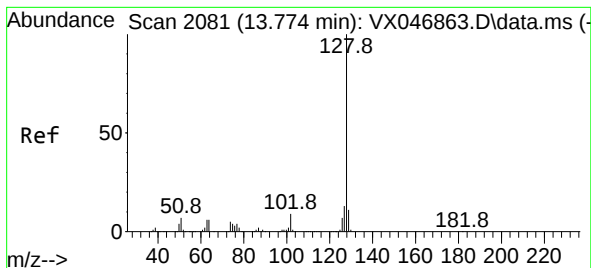
Ion Ratio Lower Upper

225 100

223 64.3 31.6 94.7

227 62.8 31.6 94.7





#95

Naphthalene

Concen: 57.585 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

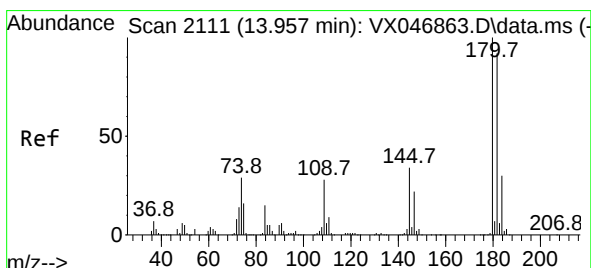
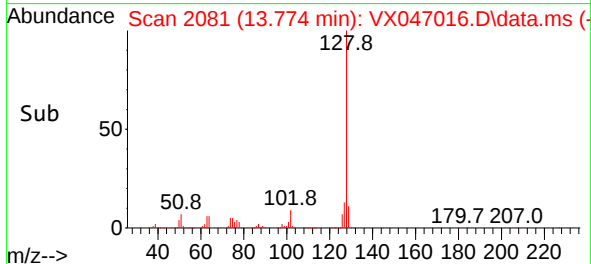
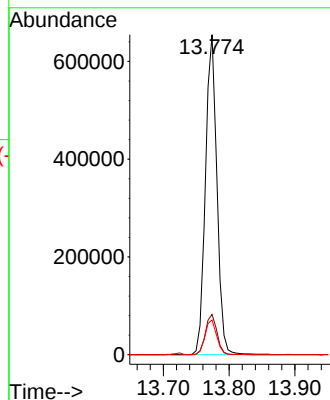
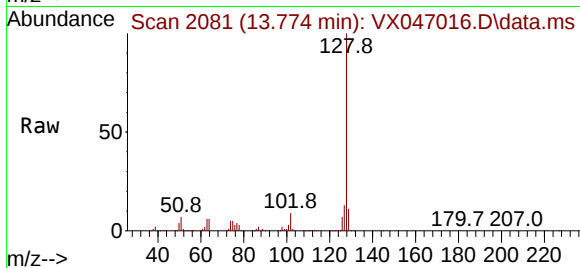
Tgt Ion:128 Resp: 793570

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.921 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX047016.D

Acq: 16 Jul 2025 09:26

Tgt Ion:180 Resp: 246683

Ion Ratio Lower Upper

180 100

182 96.2 46.7 140.1

145 34.7 16.8 50.3

