

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047227.D
 Acq On : 04 Aug 2025 16:17
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 05 02:59:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	255855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	430320	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	379663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	182434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169715	53.250	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.500%	
35) Dibromofluoromethane	5.385	113	147427	55.488	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.980%	
50) Toluene-d8	8.647	98	433439	50.374	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	11.079	95	198123	53.431	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	159062	46.805	ug/l	99
3) Chloromethane	1.313	50	141474	42.085	ug/l	97
4) Vinyl Chloride	1.392	62	175929	48.685	ug/l	97
5) Bromomethane	1.630	94	86272	43.950	ug/l	99
6) Chloroethane	1.703	64	100780	42.463	ug/l	95
7) Trichlorofluoromethane	1.904	101	263939	48.983	ug/l	98
8) Diethyl Ether	2.142	74	92908	48.902	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	156311	48.149	ug/l	100
10) Methyl Iodide	2.465	142	206429	62.392	ug/l	98
11) Tert butyl alcohol	2.953	59	80994	215.991	ug/l	99
12) 1,1-Dichloroethene	2.337	96	149746	46.572	ug/l	99
13) Acrolein	2.246	56	144188	210.110	ug/l	99
14) Allyl chloride	2.678	41	251478	43.267	ug/l	95
15) Acrylonitrile	3.075	53	354478	233.204	ug/l	99
16) Acetone	2.386	43	293609	229.961	ug/l	97
17) Carbon Disulfide	2.526	76	376244	40.448	ug/l	99
18) Methyl Acetate	2.709	43	194903	57.443	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	487448	49.813	ug/l	100
20) Methylene Chloride	2.800	84	165444	47.101	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	154203	46.866	ug/l	94
22) Diisopropyl ether	3.764	45	561242	50.225	ug/l	92
23) Vinyl Acetate	3.727	43	2166191	241.689	ug/l	99
24) 1,1-Dichloroethane	3.617	63	303771	48.886	ug/l	99
25) 2-Butanone	4.556	43	409598	220.321	ug/l	97
26) 2,2-Dichloropropane	4.483	77	226065	46.997	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	187595	48.147	ug/l	99
28) Bromochloromethane	4.898	49	147186	51.486	ug/l	100
29) Tetrahydrofuran	5.013	42	250595	208.913	ug/l	97
30) Chloroform	5.093	83	305878	48.358	ug/l	99
31) Cyclohexane	5.477	56	256406	43.035	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	265096	48.251	ug/l	99
36) 1,1-Dichloropropene	5.696	75	203560	44.946	ug/l	99
37) Ethyl Acetate	4.715	43	190006	45.529	ug/l	98
38) Carbon Tetrachloride	5.678	117	227302	47.023	ug/l	97
39) Methylcyclohexane	7.379	83	244304	43.204	ug/l	98
40) Benzene	6.038	78	619489	47.264	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	96731	44.330	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	223894	48.493	ug/l	99
43) Isopropyl Acetate	6.336	43	314705	48.372	ug/l	100
44) Trichloroethene	7.123	130	153538	45.682	ug/l	99
45) 1,2-Dichloropropane	7.428	63	158131	48.171	ug/l	97
46) Dibromomethane	7.580	93	110771	48.119	ug/l	100
47) Bromodichloromethane	7.818	83	241015	49.188	ug/l	98
48) Methyl methacrylate	7.690	41	160557	45.301	ug/l	99
49) 1,4-Dioxane	7.726	88	35039	869.215	ug/l #	73
51) 4-Methyl-2-Pentanone	8.568	43	888499	229.760	ug/l	99
52) Toluene	8.714	92	382530	47.465	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	221522	47.876	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	242506	47.887	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	145907	48.275	ug/l	98
56) Ethyl methacrylate	9.110	69	223496	49.950	ug/l	99
57) 1,3-Dichloropropane	9.305	76	245885	46.810	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	591143	237.421	ug/l	100
59) 2-Hexanone	9.427	43	595942	233.255	ug/l	100
60) Dibromochloromethane	9.519	129	173879	49.053	ug/l	100
61) 1,2-Dibromoethane	9.604	107	146504	46.358	ug/l	100
64) Tetrachloroethene	9.269	164	122197	44.647	ug/l	96
65) Chlorobenzene	10.073	112	419332	47.146	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	147220	49.163	ug/l	98
67) Ethyl Benzene	10.189	91	743192	47.790	ug/l	100
68) m/p-Xylenes	10.299	106	548118	94.185	ug/l	100
69) o-Xylene	10.640	106	267557	48.328	ug/l	99
70) Styrene	10.653	104	459653	48.418	ug/l	100
71) Bromoform	10.793	173	108908	47.878	ug/l #	100
73) Isopropylbenzene	10.957	105	701038	48.707	ug/l	100
74) N-amyl acetate	10.842	43	276893	47.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	195819	47.630	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	197956	58.623	ug/l	83
77) Bromobenzene	11.195	156	167836	48.617	ug/l	99
78) n-propylbenzene	11.299	91	837135	48.673	ug/l	100
79) 2-Chlorotoluene	11.360	91	495333	48.178	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	577125	48.536	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	45230	34.510	ug/l	99
82) 4-Chlorotoluene	11.451	91	575520	47.958	ug/l	98
83) tert-Butylbenzene	11.713	119	590049	49.440	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	579399	48.853	ug/l	100
85) sec-Butylbenzene	11.884	105	720237	48.299	ug/l	100
86) p-Isopropyltoluene	12.006	119	601501	48.641	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	314086	47.883	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	309864	46.627	ug/l	98
89) n-Butylbenzene	12.329	91	558709	48.178	ug/l	99
90) Hexachloroethane	12.536	117	109173	49.350	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	297837	47.508	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37596	47.640	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	198004	47.803	ug/l	100
94) Hexachlorobutadiene	13.719	225	69606	49.413	ug/l	98
95) Naphthalene	13.774	128	589946	48.584	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	190659	47.780	ug/l	99

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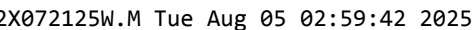
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

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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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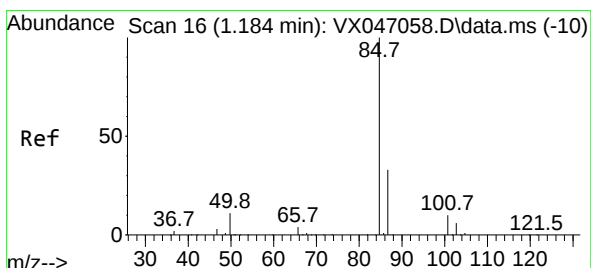
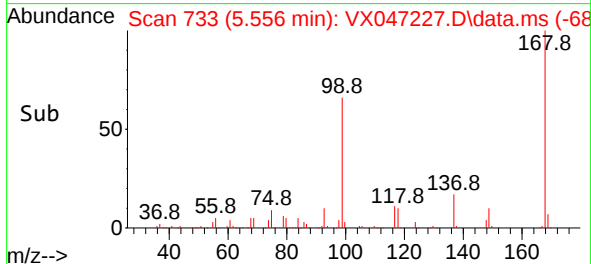
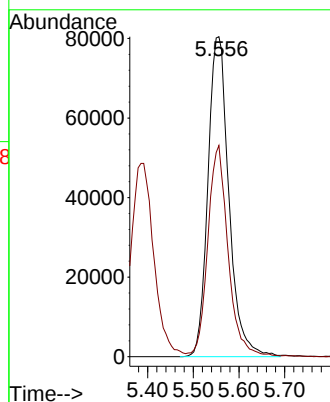
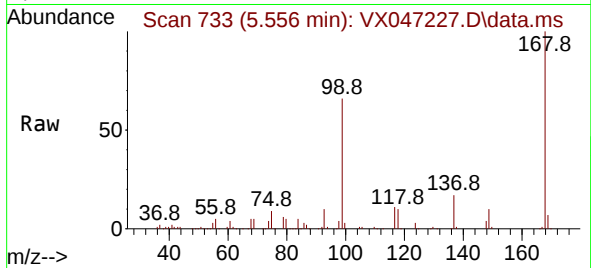




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047227.D
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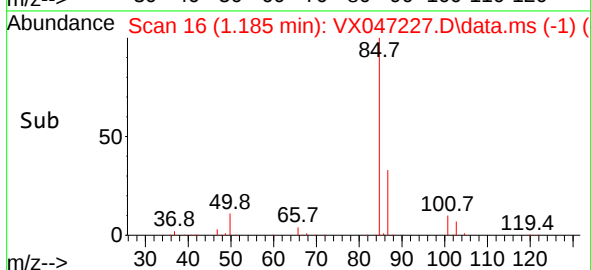
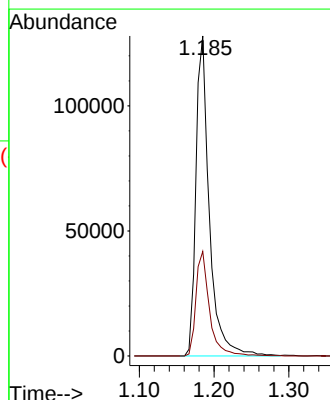
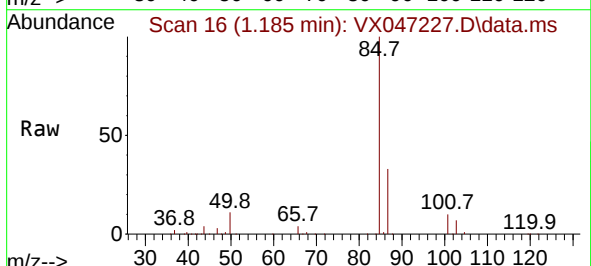
Instrument :
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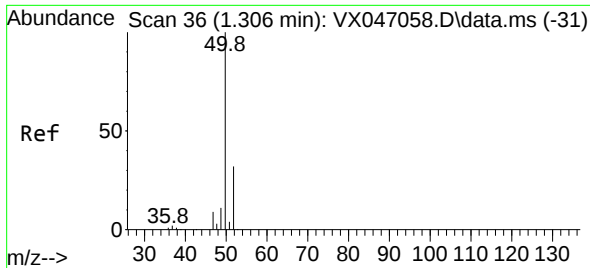
Tgt Ion:168 Resp: 255855
Ion Ratio Lower Upper
168 100
99 65.7 48.0 72.0



#2
Dichlorodifluoromethane
Concen: 46.805 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 85 Resp: 159062
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.8

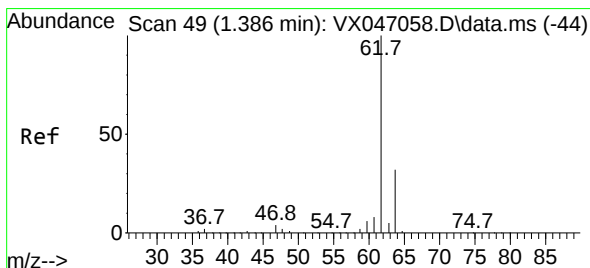
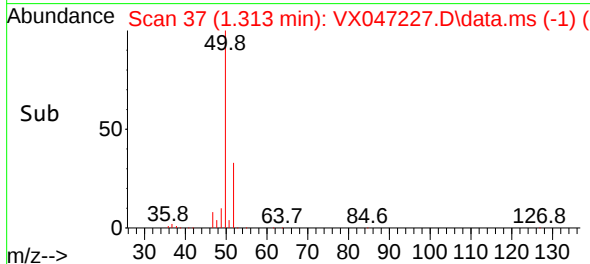
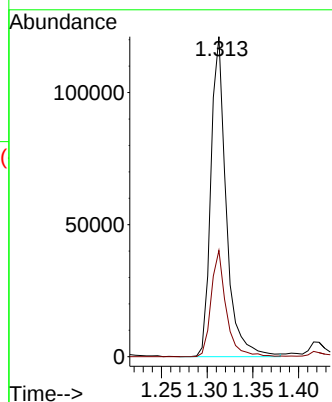
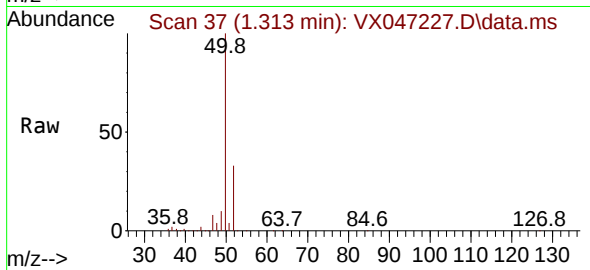




#3
Chloromethane
Concen: 42.085 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

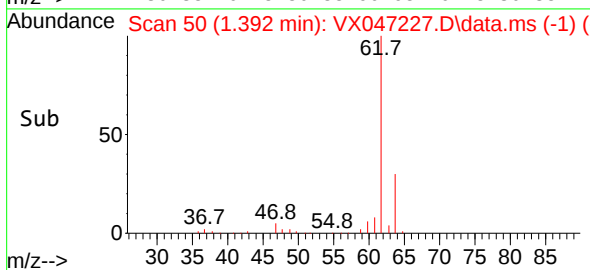
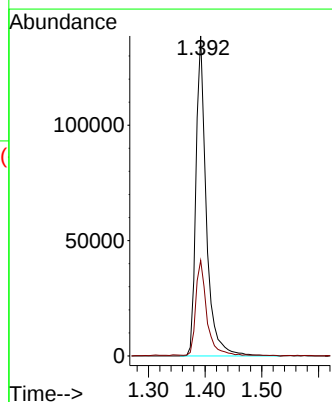
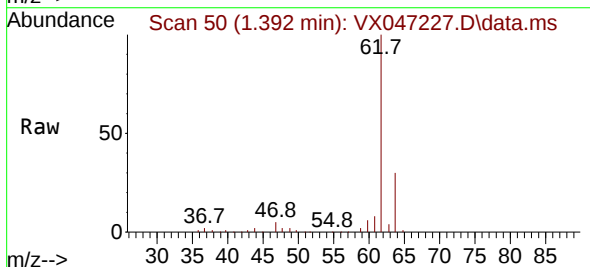
Instrument :
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ClientSampleId :
VSTDCCC050EC

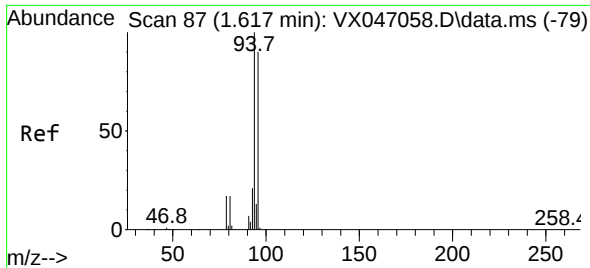
Tgt Ion: 50 Resp: 141474
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2



#4
Vinyl Chloride
Concen: 48.685 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 62 Resp: 175929
Ion Ratio Lower Upper
62 100
64 29.9 25.2 37.8

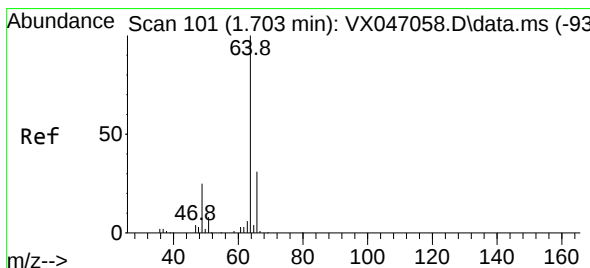
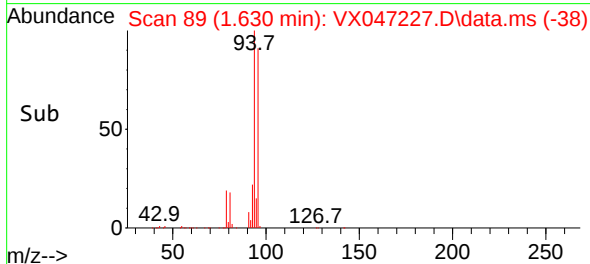
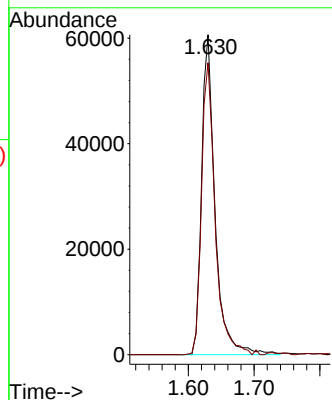
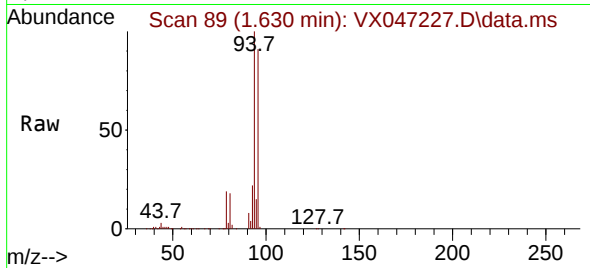




#5
Bromomethane
Concen: 43.950 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

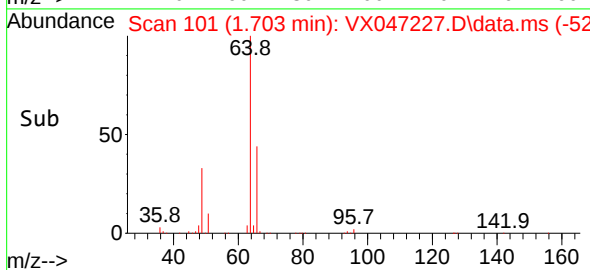
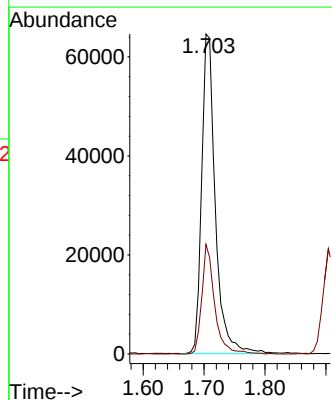
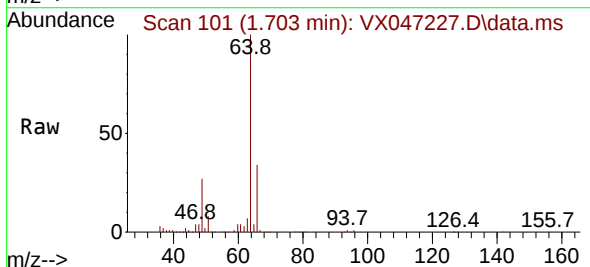
Instrument :
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Tgt Ion: 94 Resp: 86272
Ion Ratio Lower Upper
94 100
96 91.2 72.3 108.5



#6
Chloroethane
Concen: 42.463 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 64 Resp: 100780
Ion Ratio Lower Upper
64 100
66 34.3 25.0 37.6

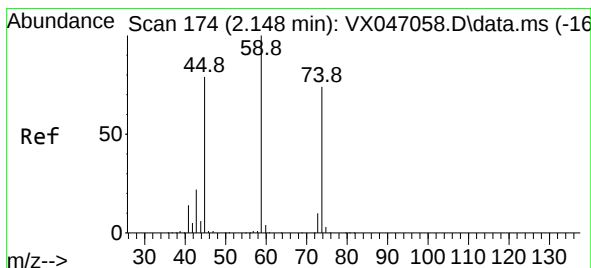
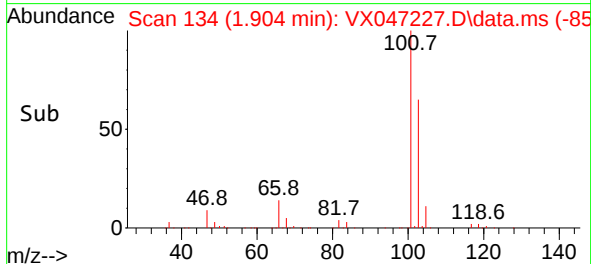
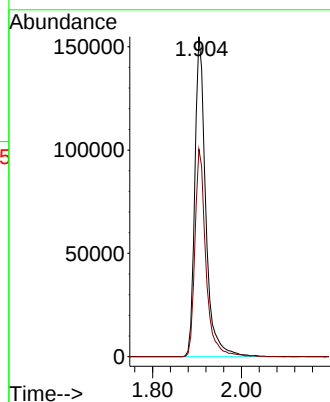
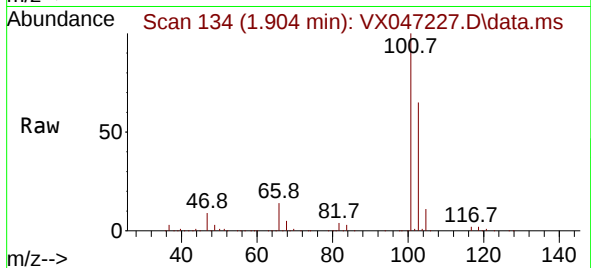




#7
 Trichlorofluoromethane
 Concen: 48.983 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

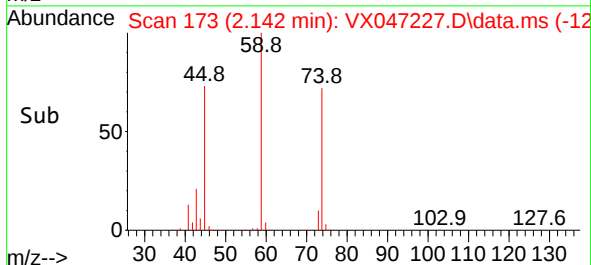
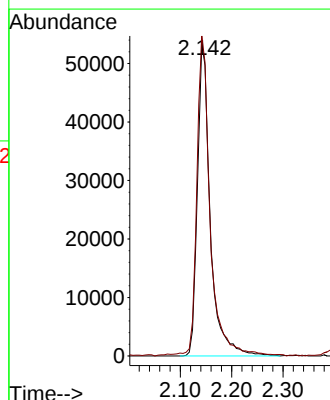
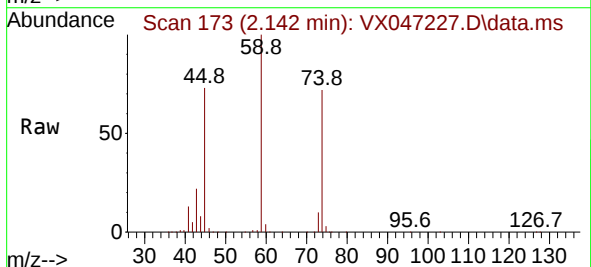
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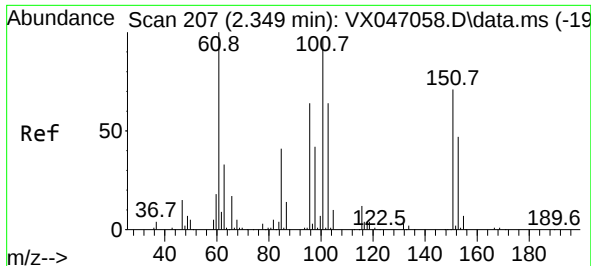
Tgt Ion:101 Resp: 263939
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.9 76.3



#8
 Diethyl Ether
 Concen: 48.902 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

Tgt Ion: 74 Resp: 92908
 Ion Ratio Lower Upper
 74 100
 45 106.7 53.0 159.0

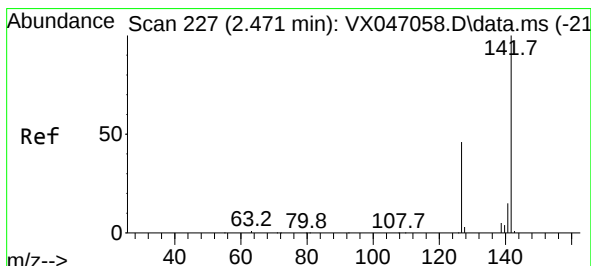
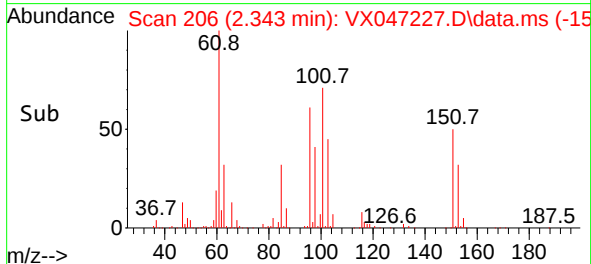
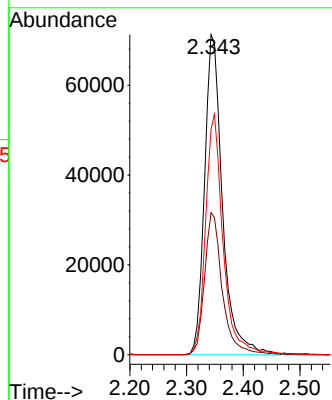
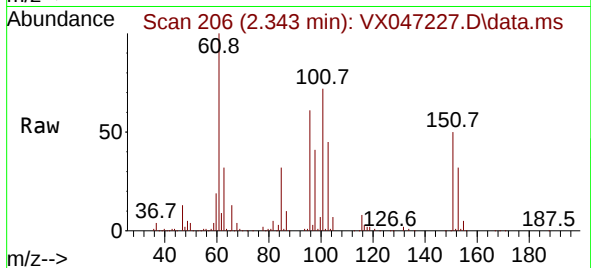




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.149 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047227.D
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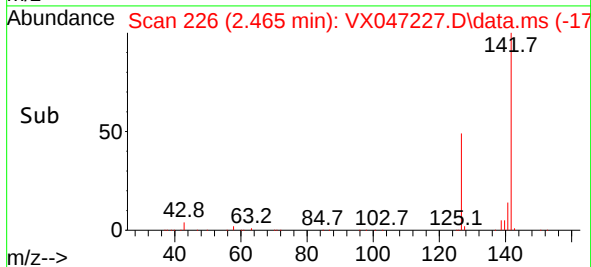
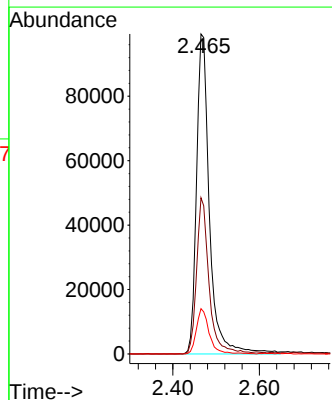
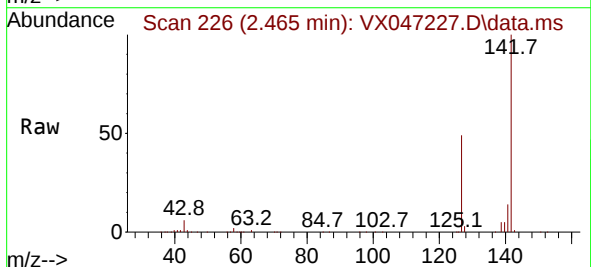
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

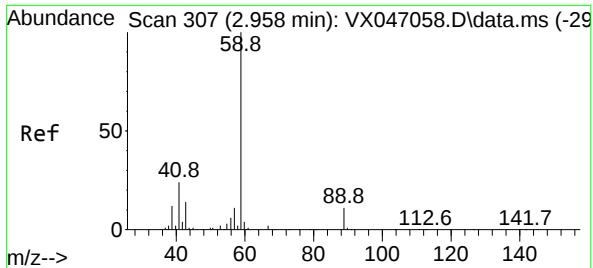
Tgt Ion:101 Resp: 156311
Ion Ratio Lower Upper
101 100
85 44.1 35.4 53.0
151 73.6 59.2 88.8



#10
Methyl Iodide
Concen: 62.392 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion:142 Resp: 206429
Ion Ratio Lower Upper
142 100
127 46.9 36.6 54.8
141 13.8 10.9 16.3

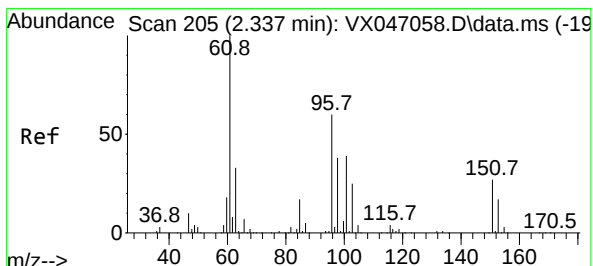
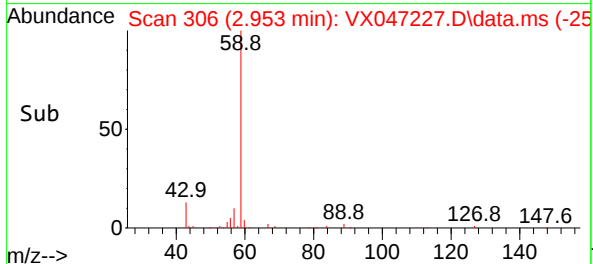
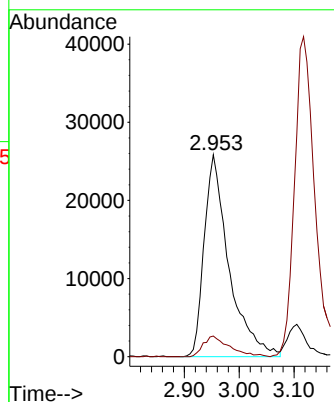
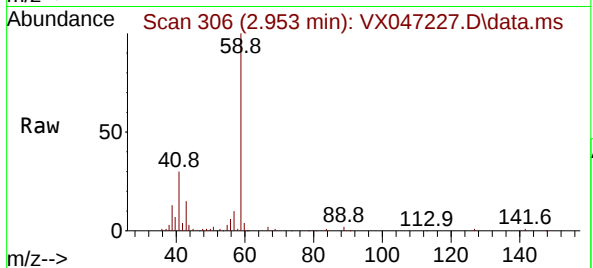




#11
Tert butyl alcohol
Concen: 215.991 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

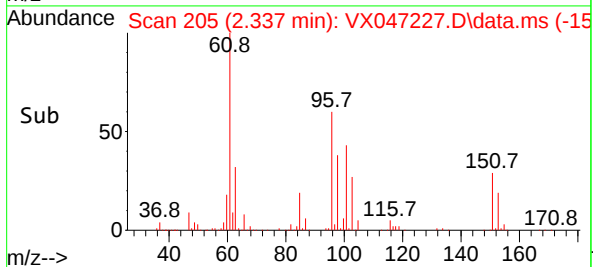
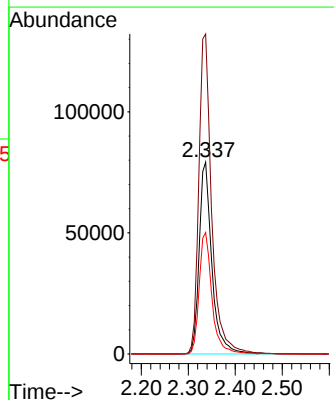
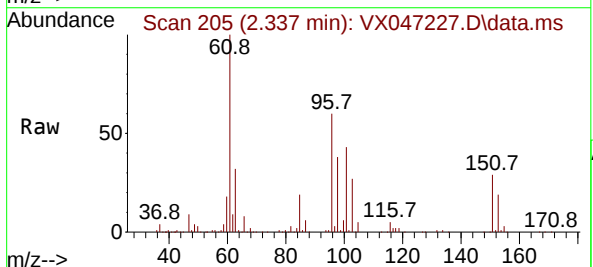
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

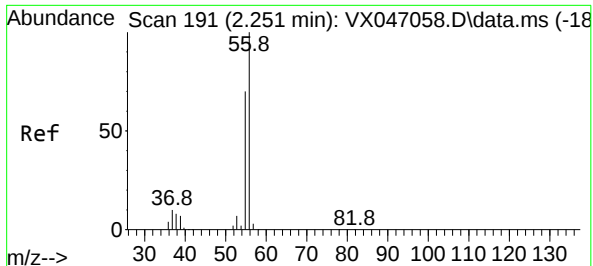
Tgt Ion: 59 Resp: 80994
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.572 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 96 Resp: 149746
Ion Ratio Lower Upper
96 100
61 166.8 132.6 198.8
98 63.3 50.2 75.4

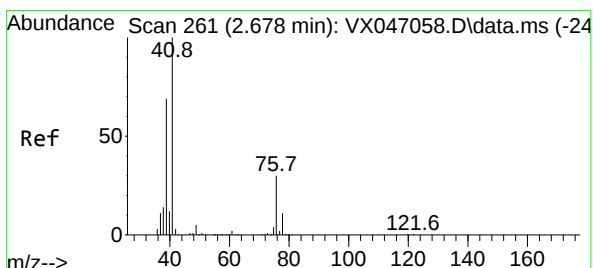
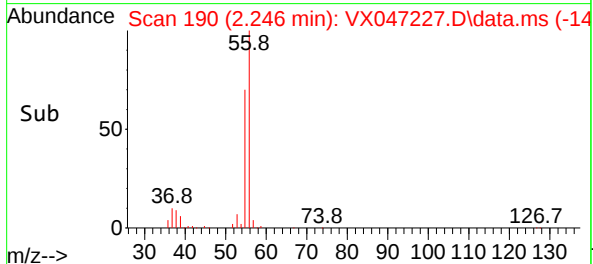
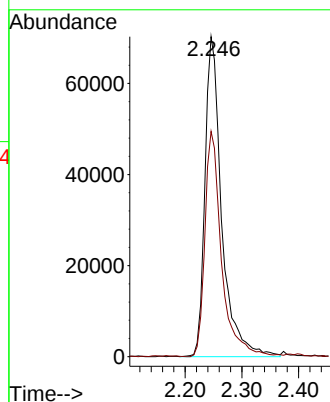
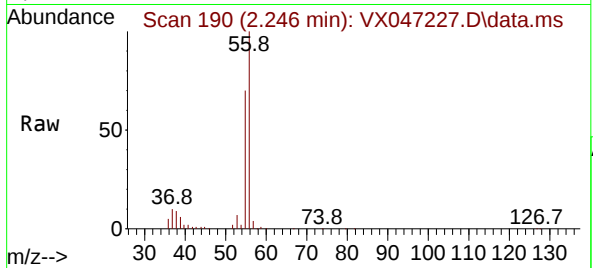




#13
Acrolein
Concen: 210.110 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

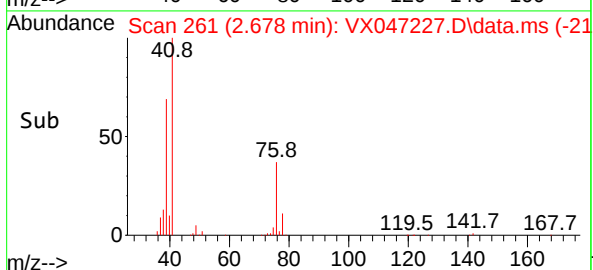
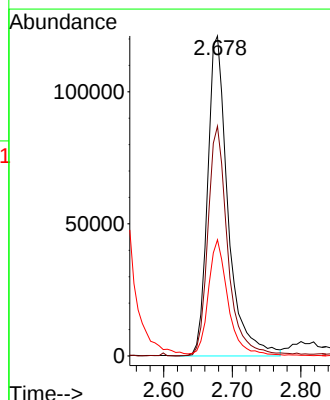
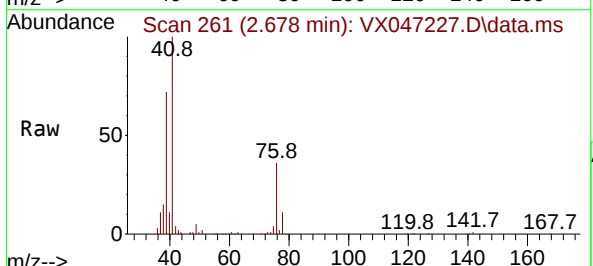
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

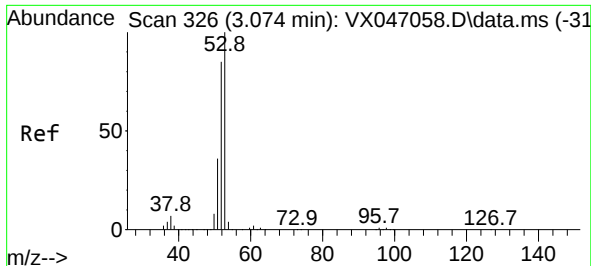
Tgt Ion: 56 Resp: 144188
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5



#14
Allyl chloride
Concen: 43.267 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 41 Resp: 251478
Ion Ratio Lower Upper
41 100
39 70.5 52.6 78.8
76 34.5 25.7 38.5

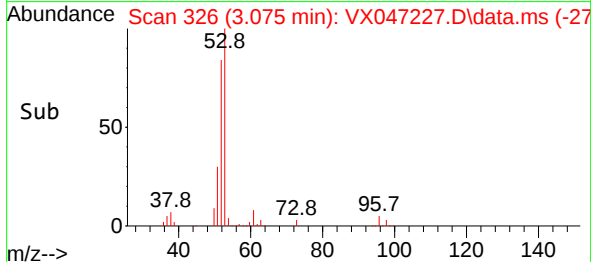
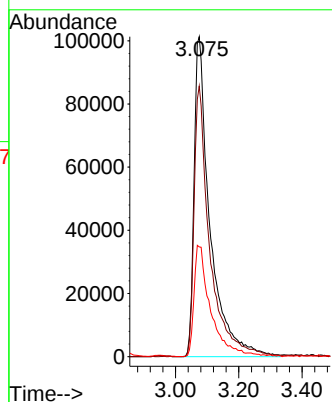
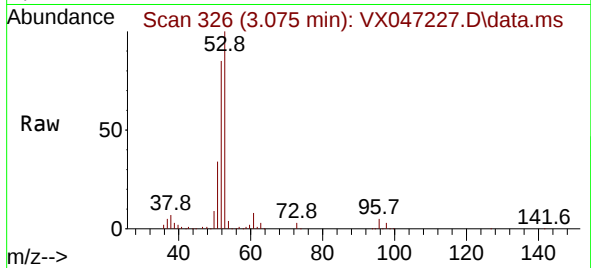




#15
Acrylonitrile
Concen: 233.204 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

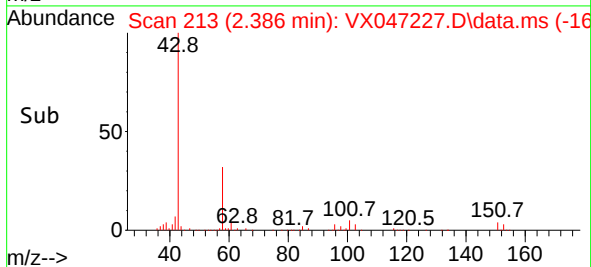
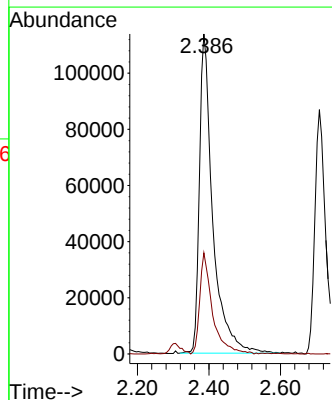
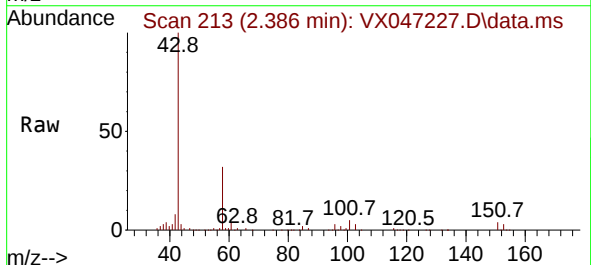
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

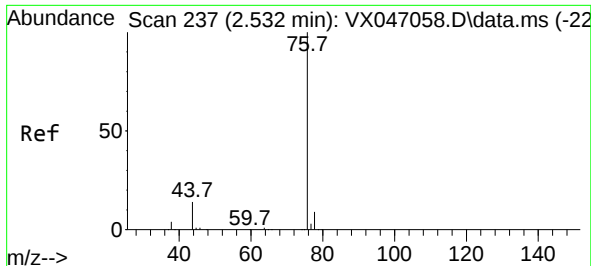
Tgt Ion: 53 Resp: 354478
Ion Ratio Lower Upper
53 100
52 83.1 65.7 98.5
51 36.5 28.8 43.2



#16
Acetone
Concen: 229.961 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 43 Resp: 293609
Ion Ratio Lower Upper
43 100
58 31.6 24.0 36.0

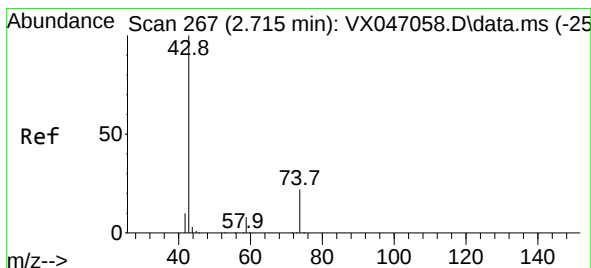
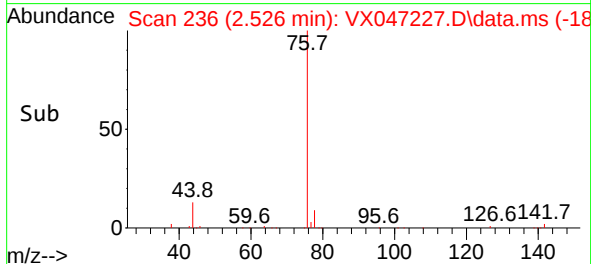
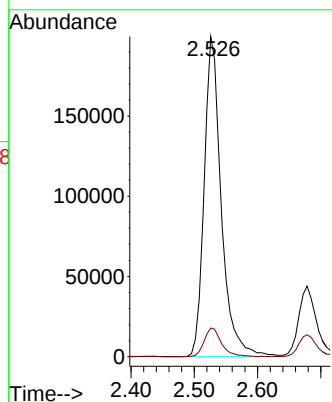
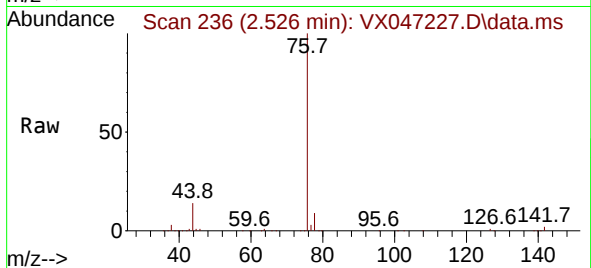




#17
Carbon Disulfide
Concen: 40.448 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

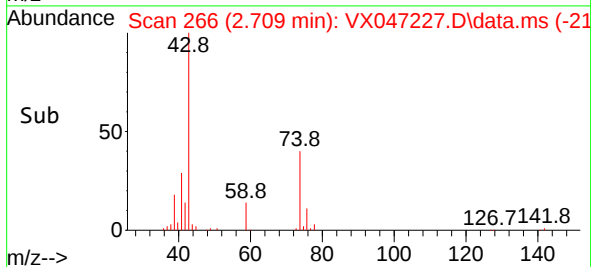
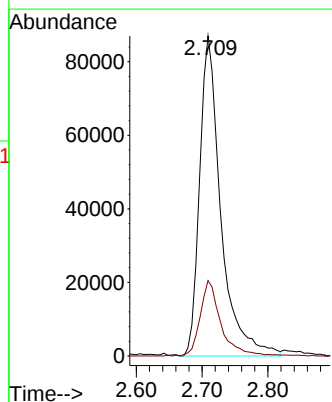
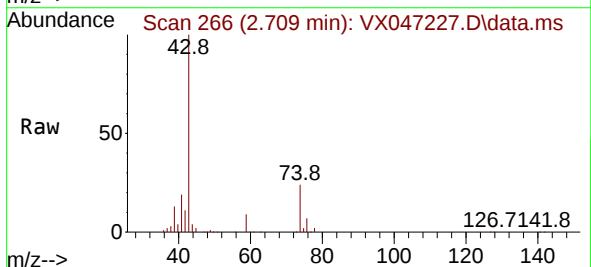
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

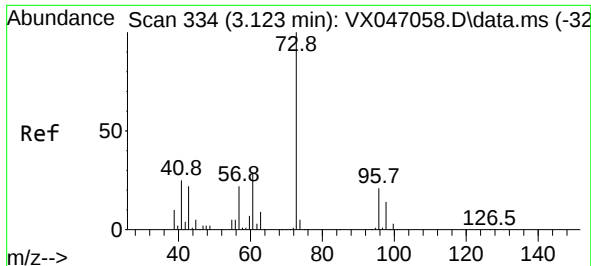
Tgt Ion: 76 Resp: 376244
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 57.443 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 43 Resp: 194903
Ion Ratio Lower Upper
43 100
74 23.2 17.7 26.5

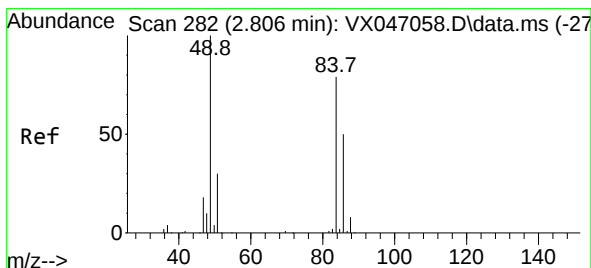
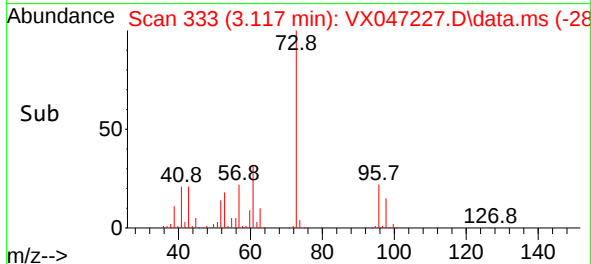
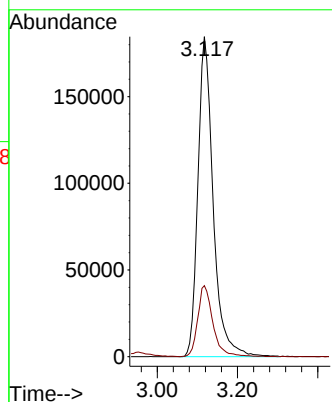
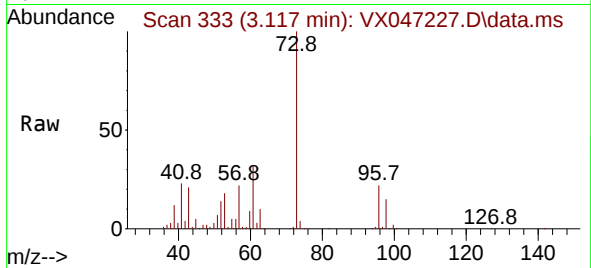




#19
Methyl tert-butyl Ether
Concen: 49.813 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

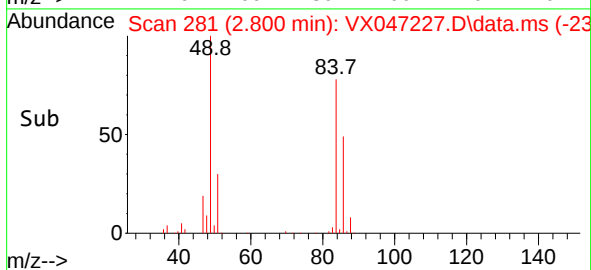
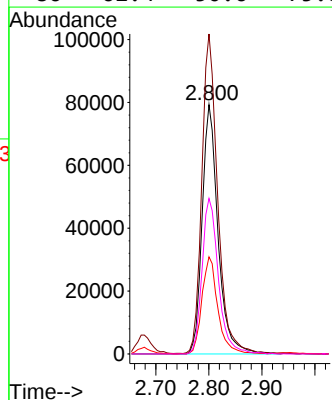
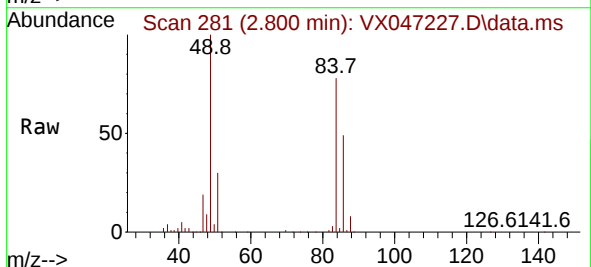
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

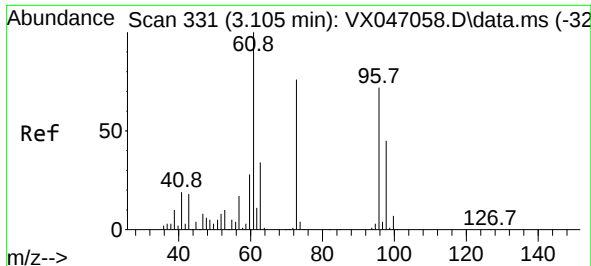
Tgt Ion: 73 Resp: 487448
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 47.101 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 84 Resp: 165444
Ion Ratio Lower Upper
84 100
49 128.1 101.6 152.4
51 38.9 30.3 45.5
86 62.4 50.6 75.8

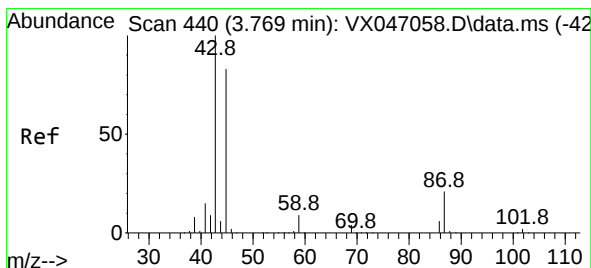
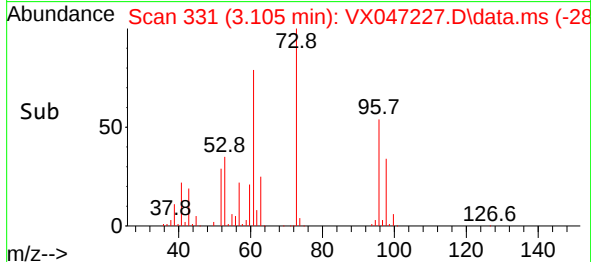
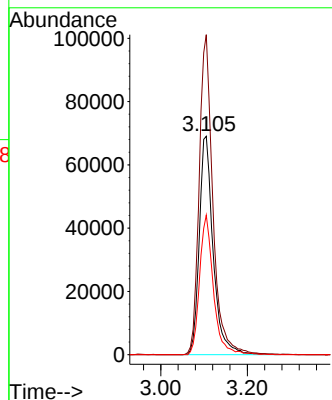
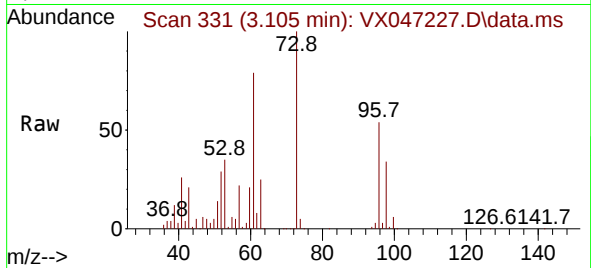




#21
trans-1,2-Dichloroethene
Concen: 46.866 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

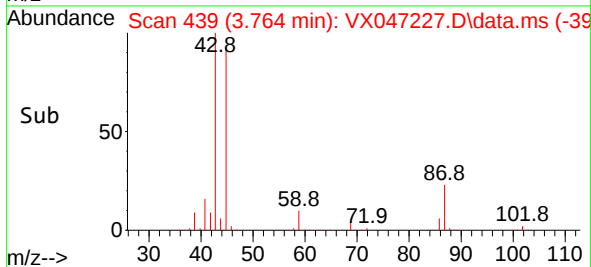
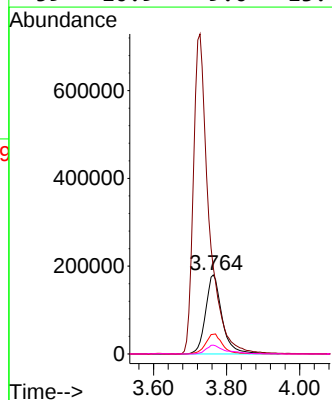
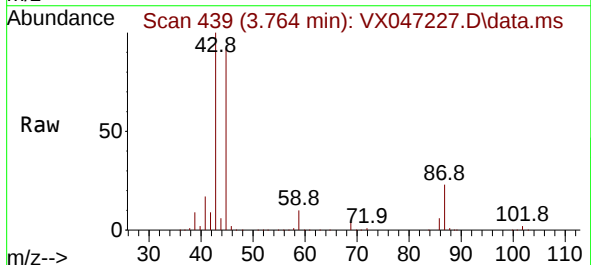
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

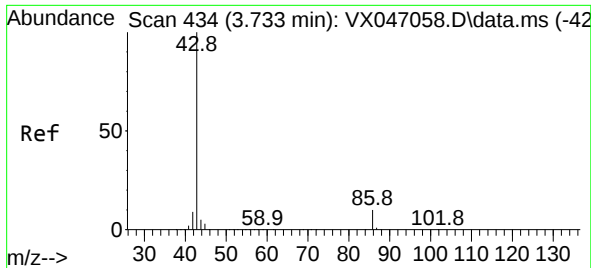
Tgt Ion: 96 Resp: 154203
Ion Ratio Lower Upper
96 100
61 146.5 111.1 166.7
98 65.8 49.6 74.4



#22
Diisopropyl ether
Concen: 50.225 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 45 Resp: 561242
Ion Ratio Lower Upper
45 100
43 109.1 96.8 145.2
87 24.9 20.5 30.7
59 10.9 9.0 13.4

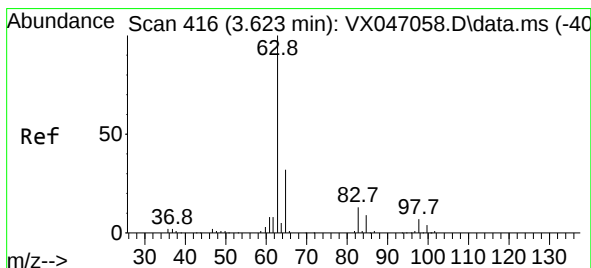
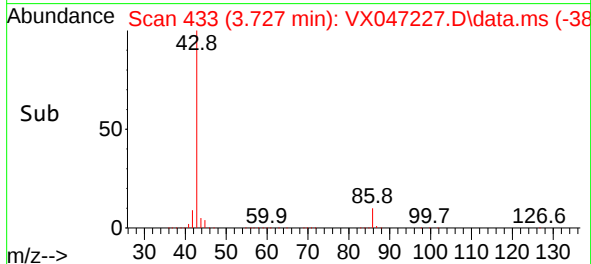
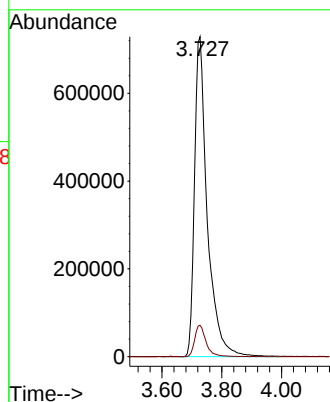
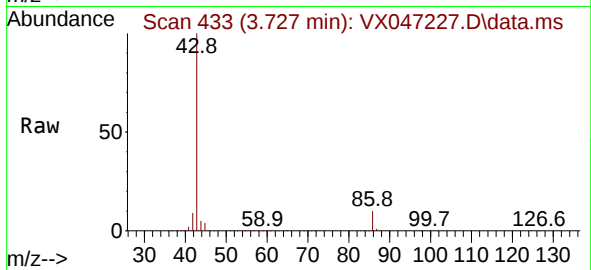




#23
 Vinyl Acetate
 Concen: 241.689 ug/l
 RT: 3.727 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

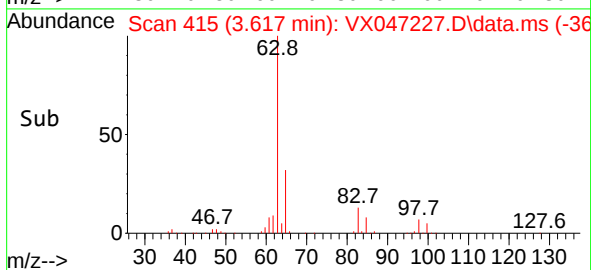
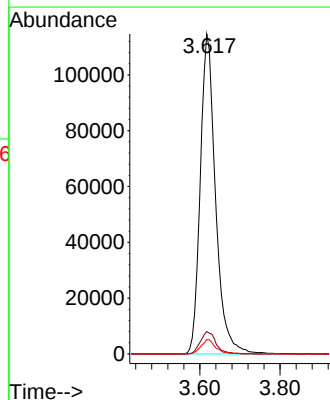
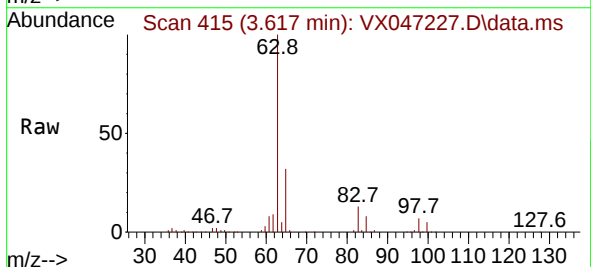
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

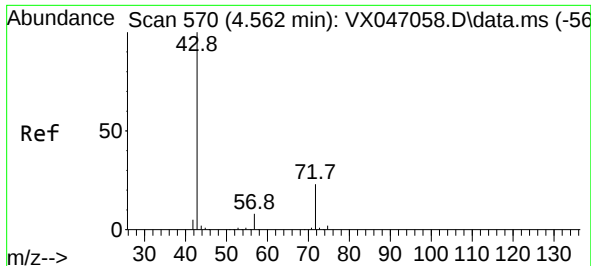
Tgt Ion: 43 Resp: 2166191
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 48.886 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

Tgt Ion: 63 Resp: 303771
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.5 2.3 6.8

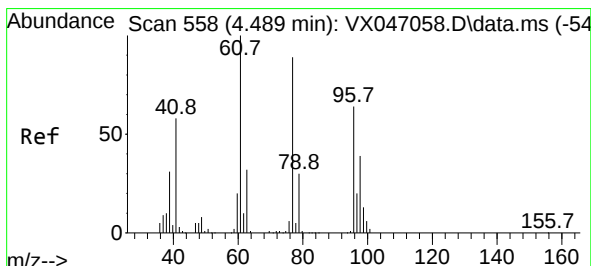
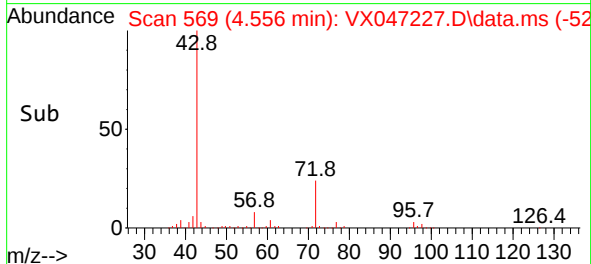
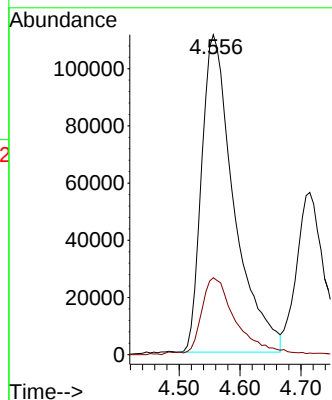
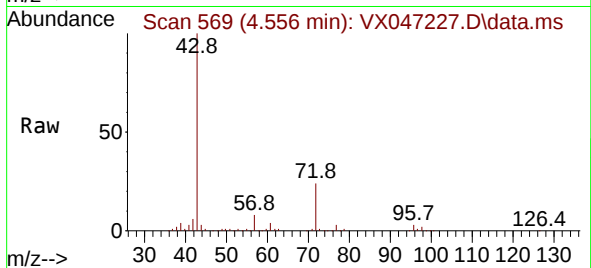




#25
2-Butanone
Concen: 220.321 ug/l
RT: 4.556 min Scan# 509
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

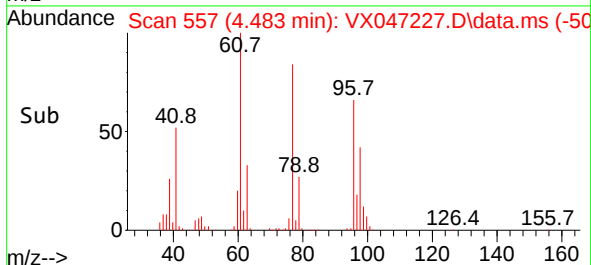
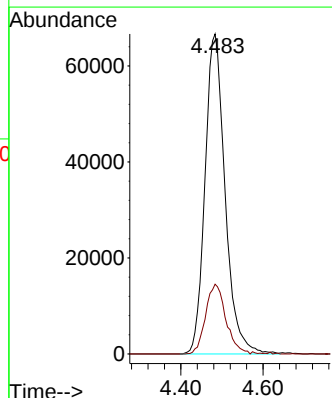
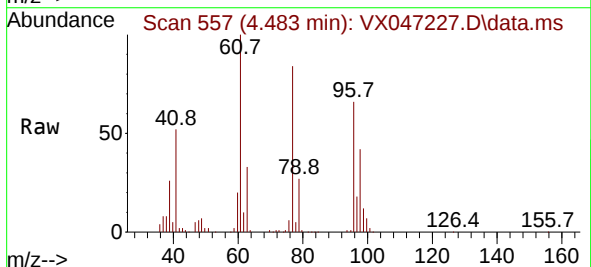
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 409598
Ion Ratio Lower Upper
43 100
72 24.7 18.8 28.2



#26
2,2-Dichloropropane
Concen: 46.997 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 77 Resp: 226065
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.147 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

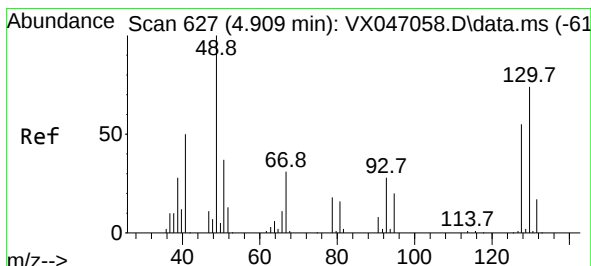
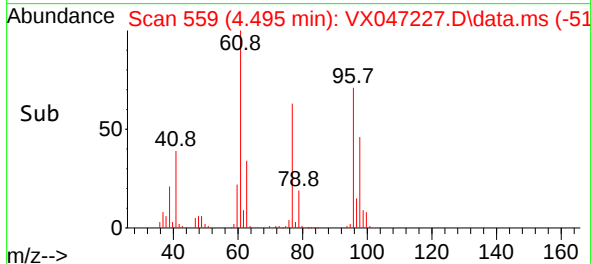
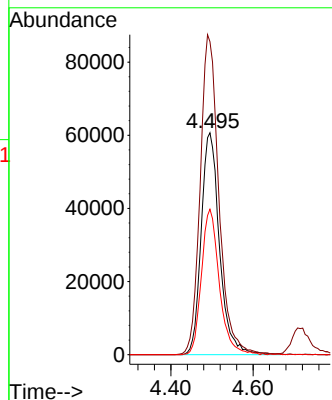
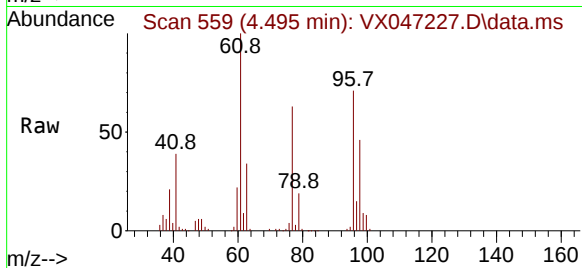
Tgt Ion: 96 Resp: 187595

Ion Ratio Lower Upper

96 100

61 147.3 0.0 298.6

98 64.0 0.0 128.8



#28

Bromochloromethane

Concen: 51.486 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.012 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

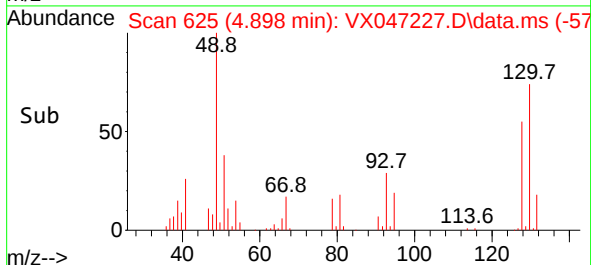
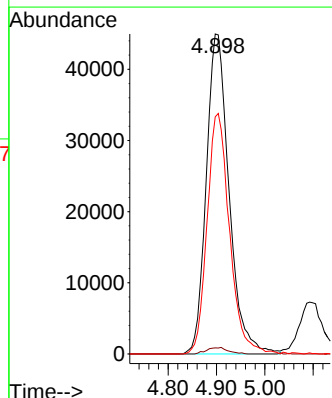
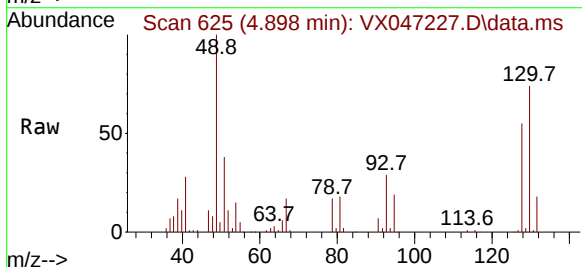
Tgt Ion: 49 Resp: 147186

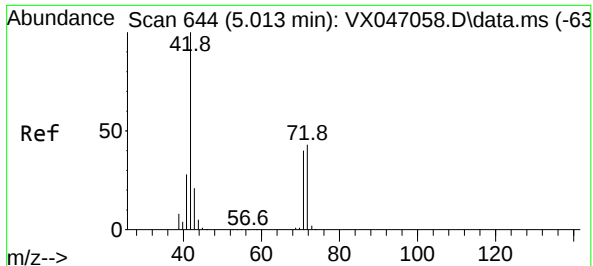
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 73.9 59.0 88.4





#29

Tetrahydrofuran

Concen: 208.913 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

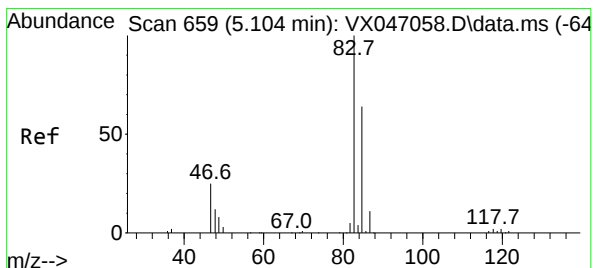
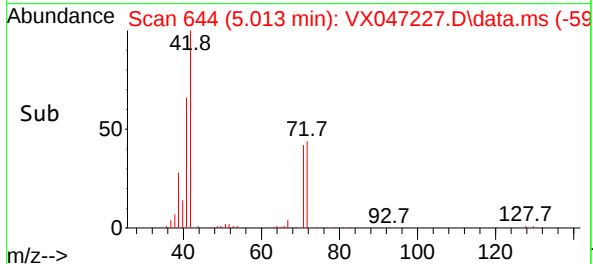
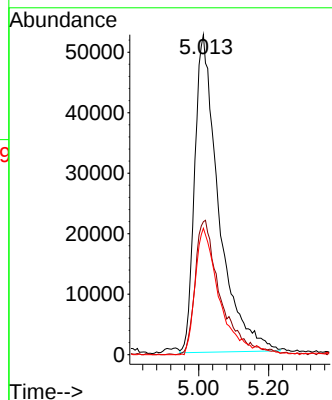
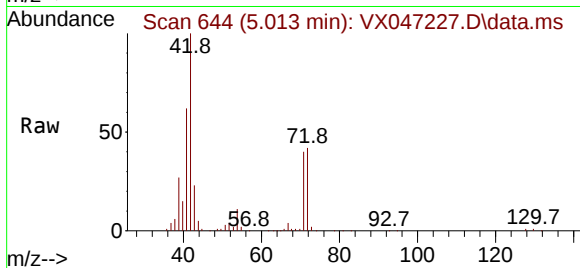
Tgt Ion: 42 Resp: 250595

Ion Ratio Lower Upper

42 100

72 44.9 33.7 50.5

71 39.1 31.0 46.4



#30

Chloroform

Concen: 48.358 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.012 min

Lab File: VX047227.D

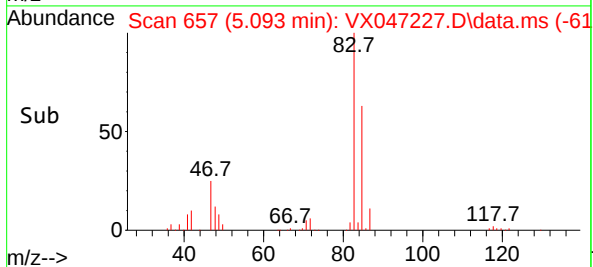
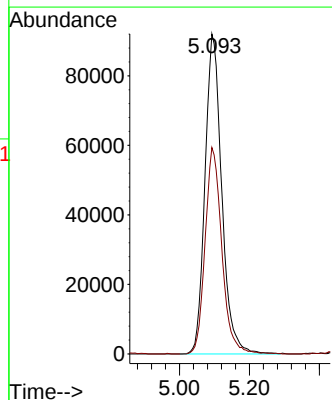
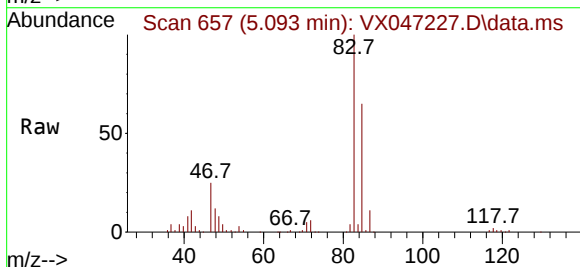
Acq: 04 Aug 2025 16:17

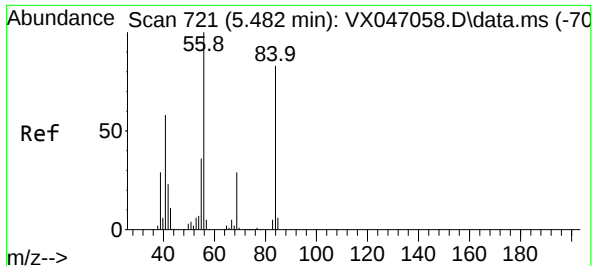
Tgt Ion: 83 Resp: 305878

Ion Ratio Lower Upper

83 100

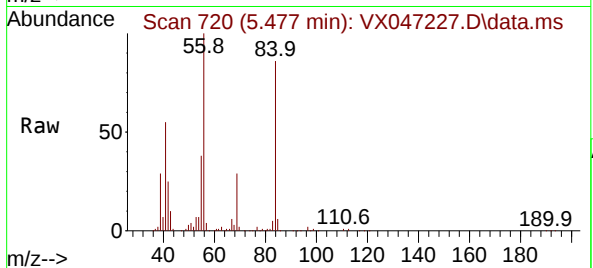
85 64.5 50.9 76.3



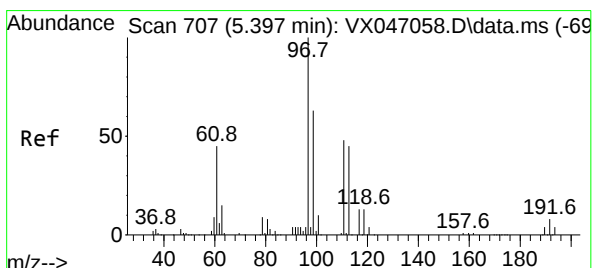
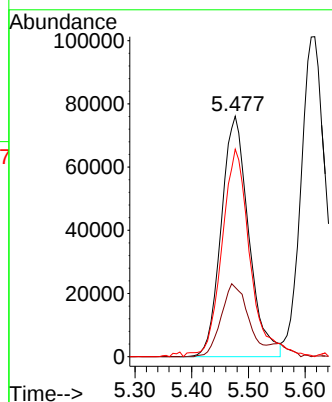
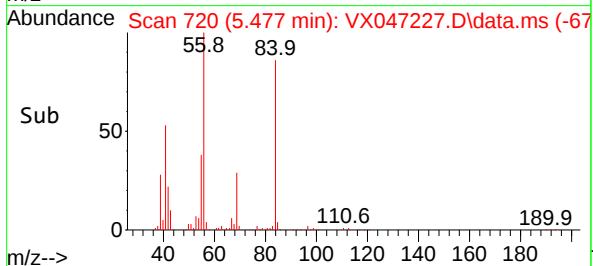


#31
Cyclohexane
Concen: 43.035 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

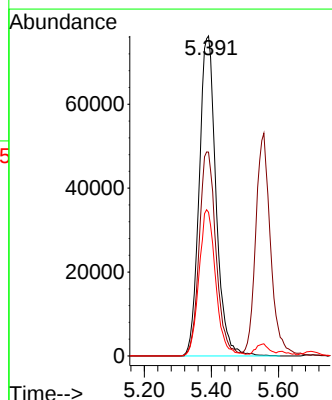
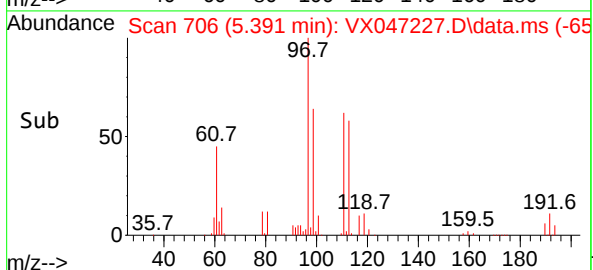
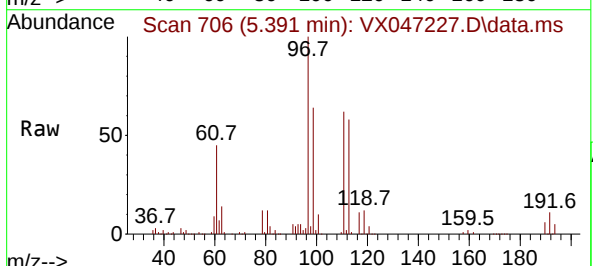


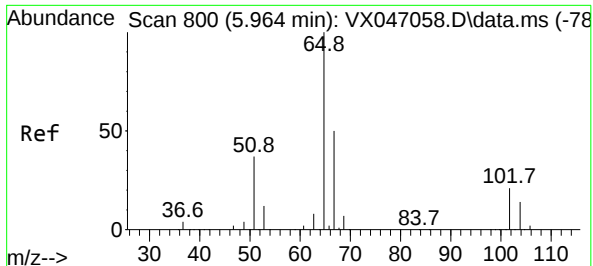
Tgt Ion: 56 Resp: 256406
Ion Ratio Lower Upper
56 100
69 30.3 23.3 34.9
84 84.4 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 48.251 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 97 Resp: 265096
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 45.7 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 53.250 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

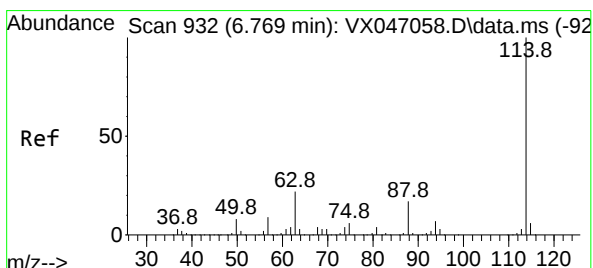
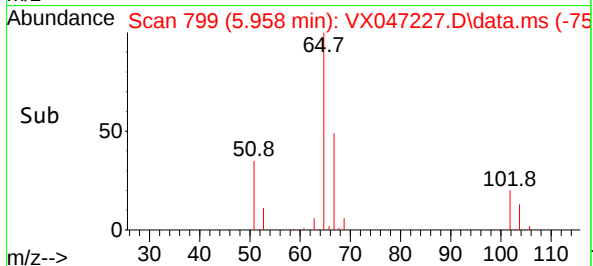
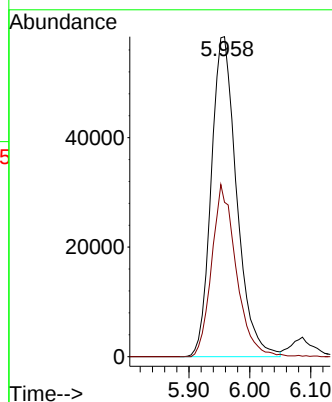
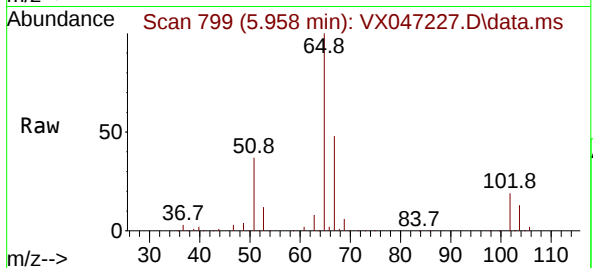
VSTDCCC050EC

Tgt Ion: 65 Resp: 169715

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.012 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

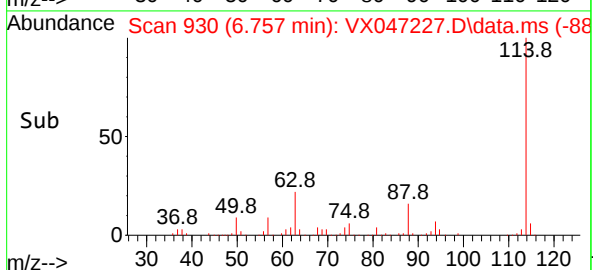
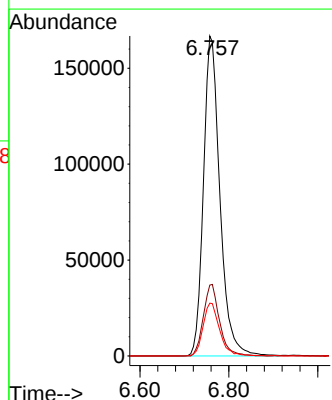
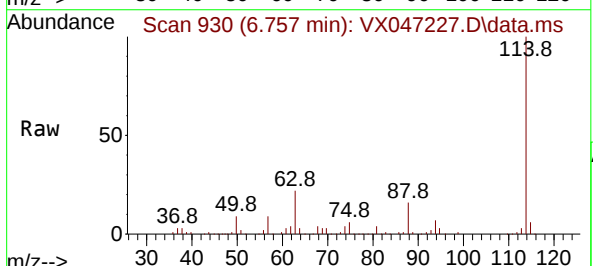
Tgt Ion: 114 Resp: 430320

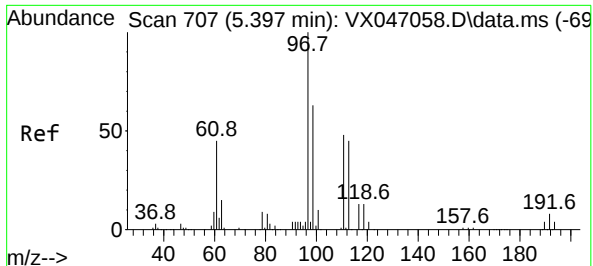
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.488 ug/l

RT: 5.385 min Scan# 707

Delta R.T. -0.012 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

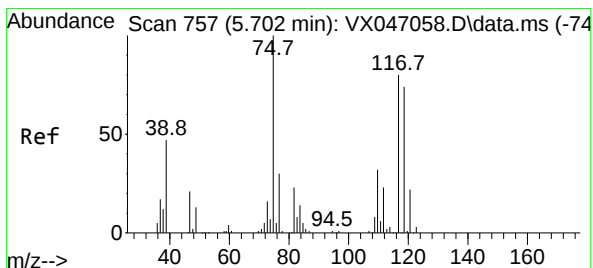
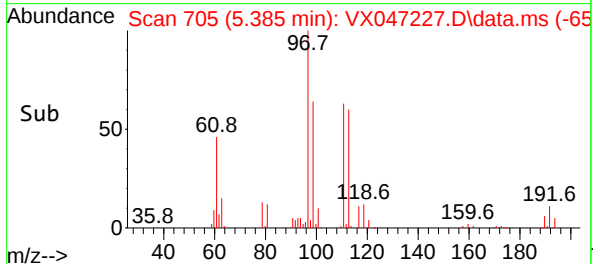
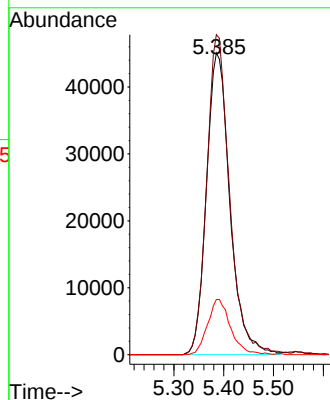
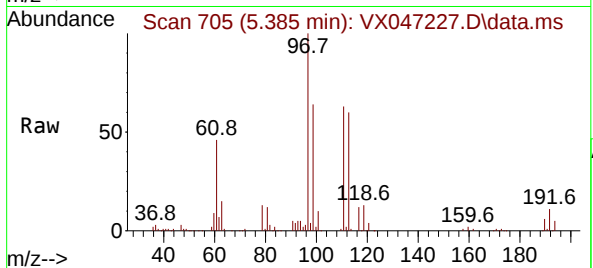
Tgt Ion:113 Resp: 147427

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 18.0 14.9 22.3



#36

1,1-Dichloropropene

Concen: 44.946 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

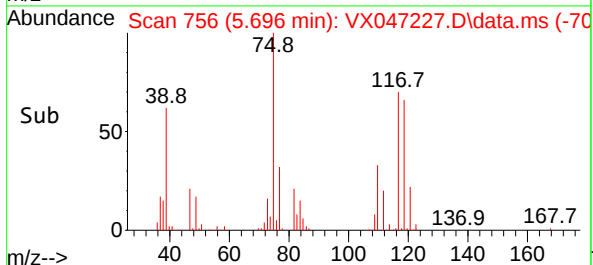
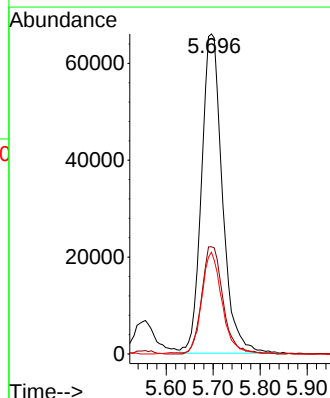
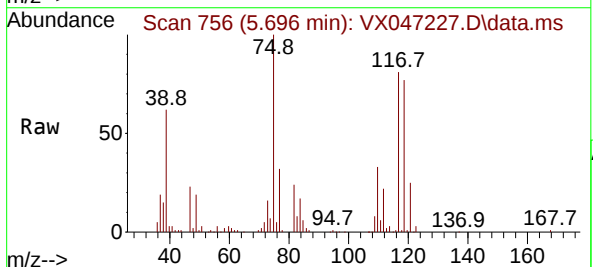
Tgt Ion: 75 Resp: 203560

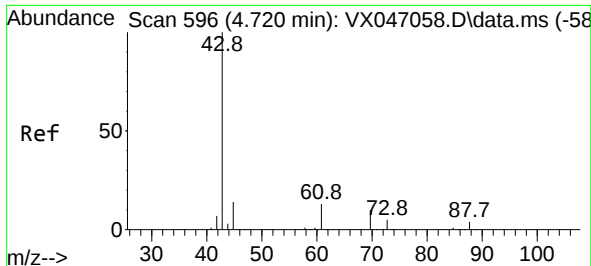
Ion Ratio Lower Upper

75 100

110 34.4 17.2 51.5

77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 45.529 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

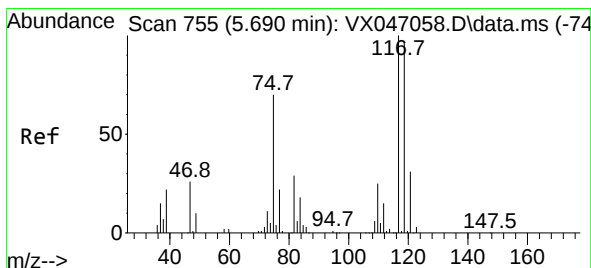
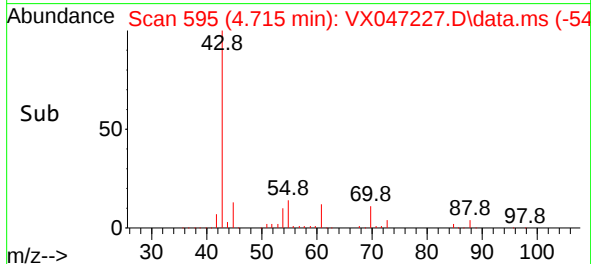
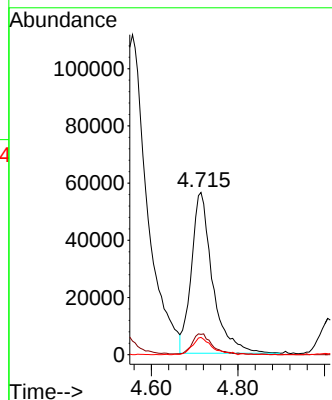
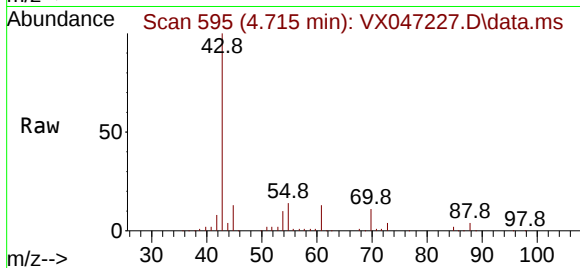
Tgt Ion: 43 Resp: 190006

Ion Ratio Lower Upper

43 100

61 11.4 10.2 15.2

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 47.023 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.012 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

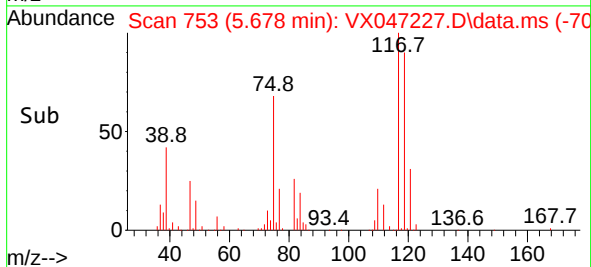
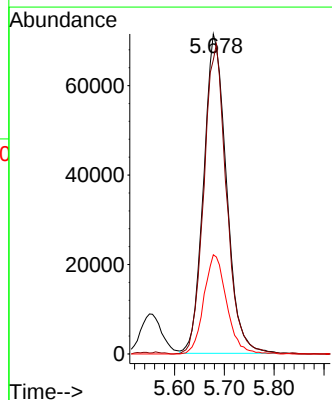
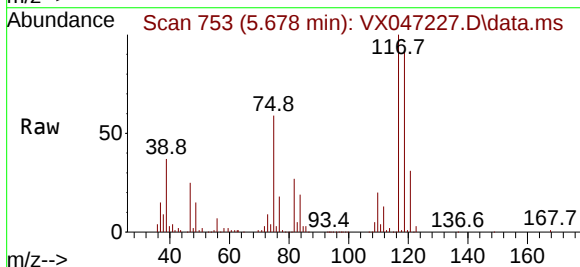
Tgt Ion: 117 Resp: 227302

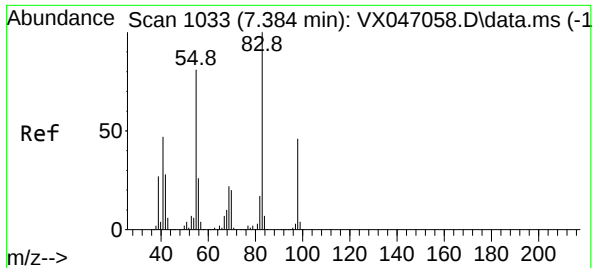
Ion Ratio Lower Upper

117 100

119 91.9 76.6 115.0

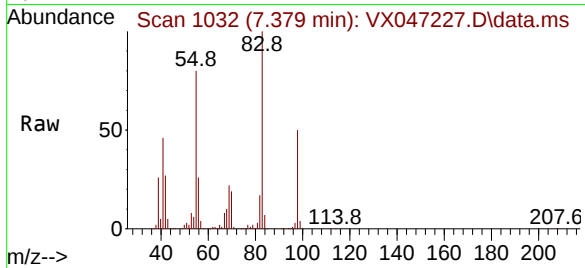
121 31.1 24.4 36.6



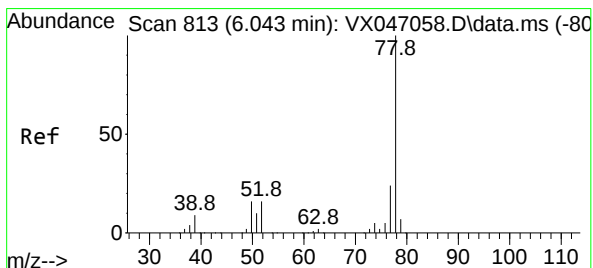
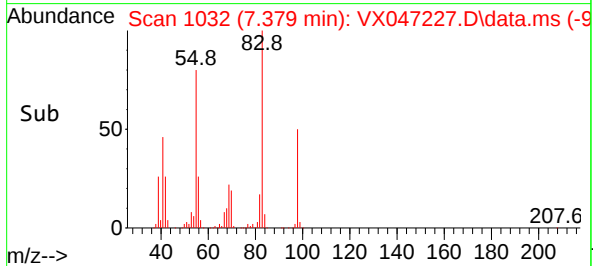
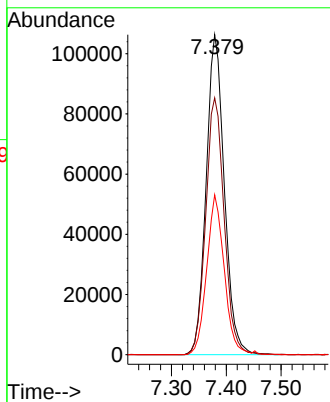


#39
Methylcyclohexane
Concen: 43.204 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

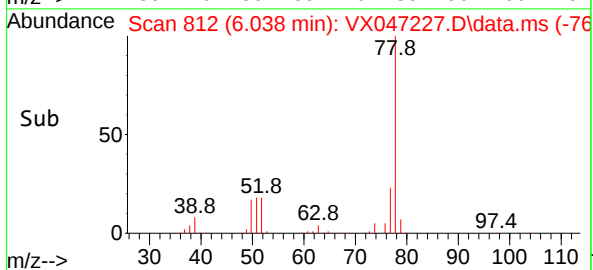
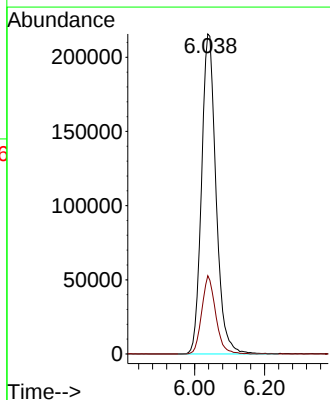
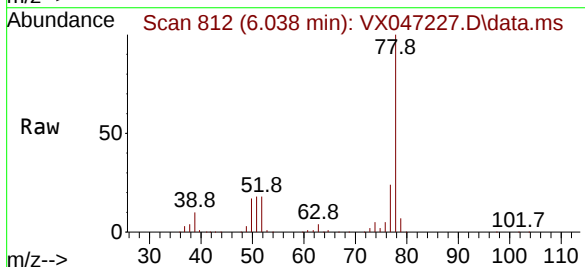


Tgt Ion: 83 Resp: 244304
Ion Ratio Lower Upper
83 100
55 80.3 64.5 96.7
98 50.0 36.9 55.3



#40
Benzene
Concen: 47.264 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 78 Resp: 619489
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

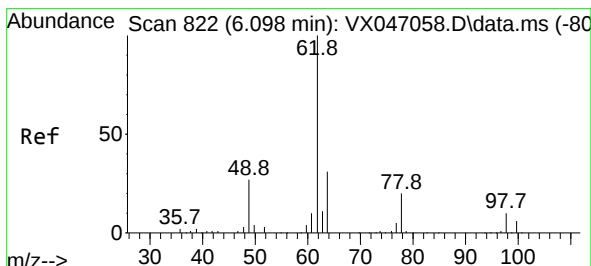
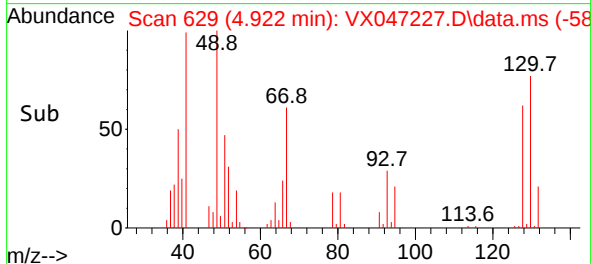
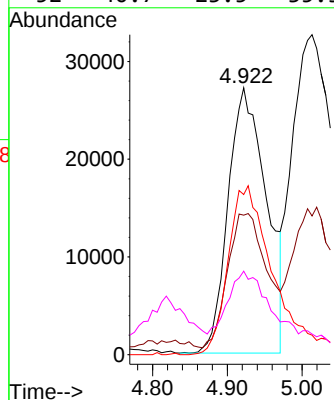
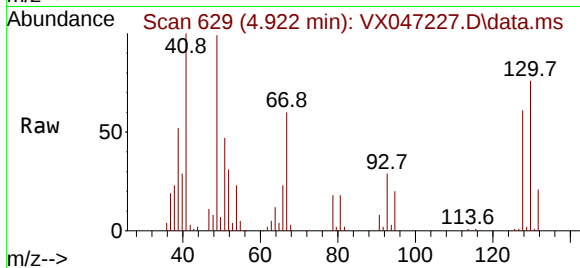




#41
Methacrylonitrile
Concen: 44.330 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

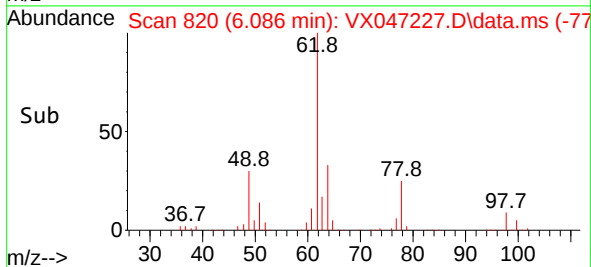
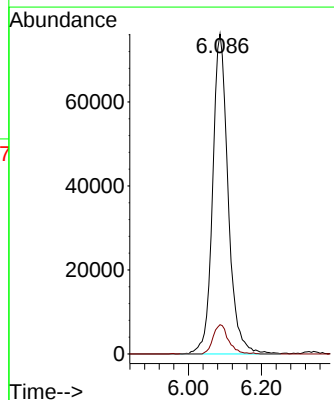
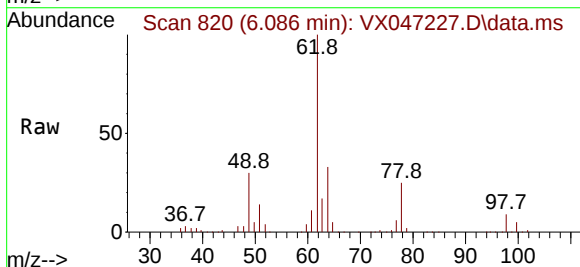
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

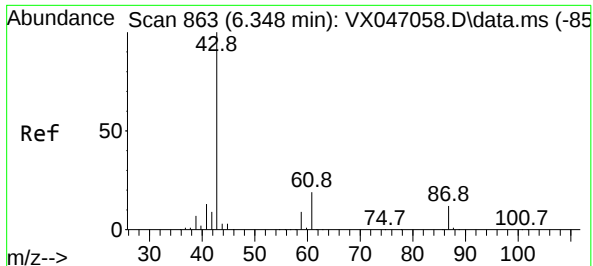
Tgt Ion: 41 Resp: 96731
Ion Ratio Lower Upper
41 100
39 51.9 44.2 66.2
67 76.0 56.4 84.6
52 40.7 23.5 35.3#



#42
1,2-Dichloroethane
Concen: 48.493 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 62 Resp: 223894
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.8

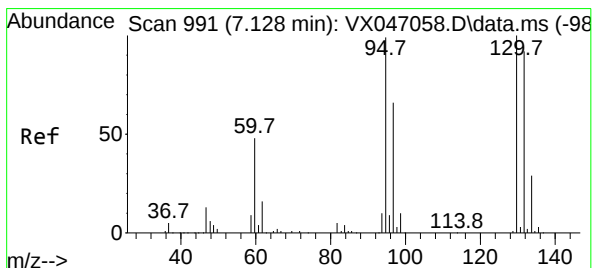
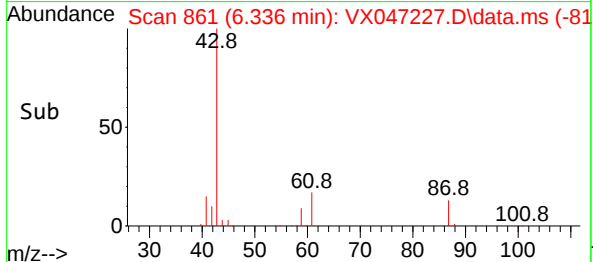
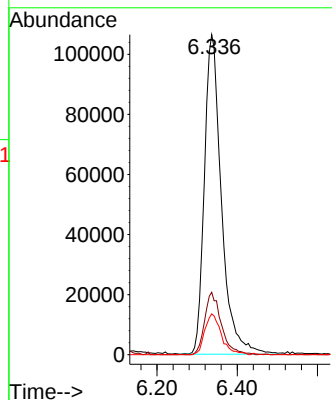
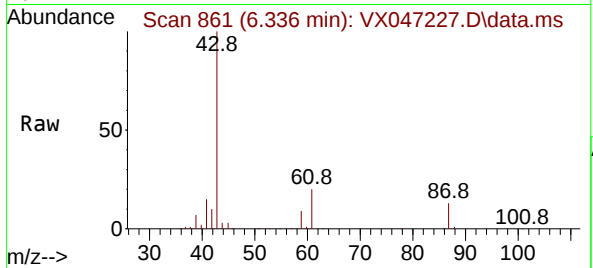




#43
Isopropyl Acetate
Concen: 48.372 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

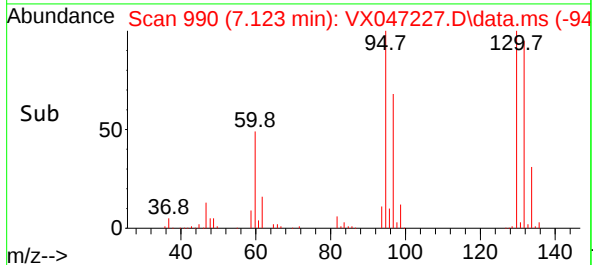
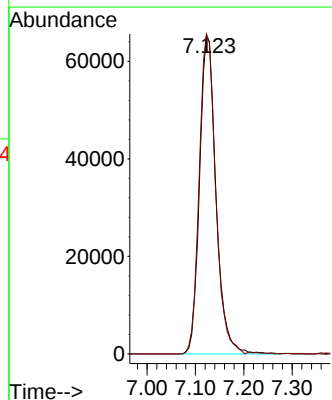
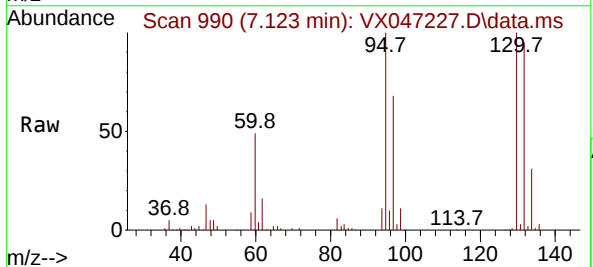
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

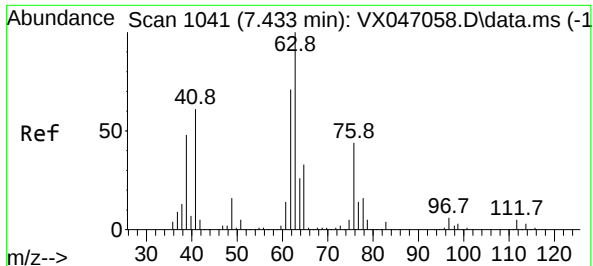
Tgt Ion: 43 Resp: 314705
Ion Ratio Lower Upper
43 100
61 19.0 15.1 22.7
87 12.4 9.7 14.5



#44
Trichloroethene
Concen: 45.682 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion:130 Resp: 153538
Ion Ratio Lower Upper
130 100
95 100.4 0.0 198.6





#45

1,2-Dichloropropane

Concen: 48.171 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

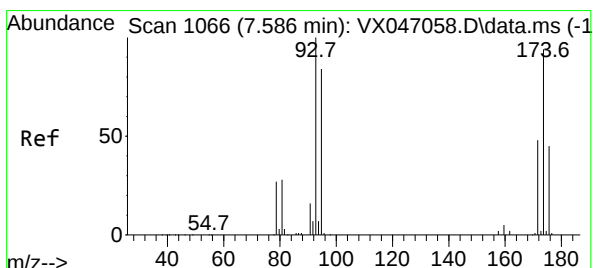
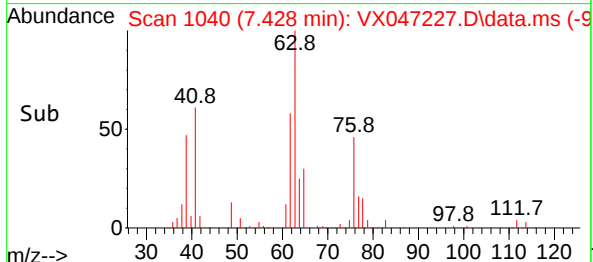
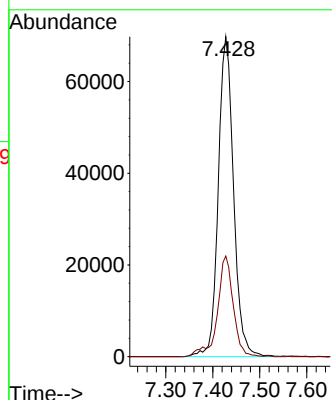
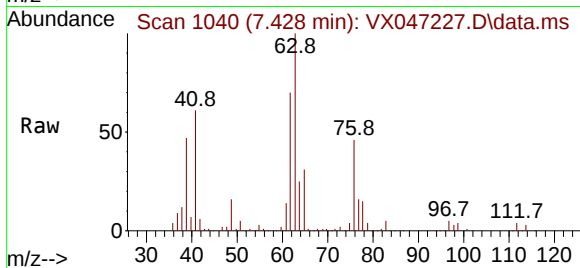
VSTDCCC050EC

Tgt Ion: 63 Resp: 158131

Ion Ratio Lower Upper

63 100

65 31.5 26.3 39.5



#46

Dibromomethane

Concen: 48.119 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

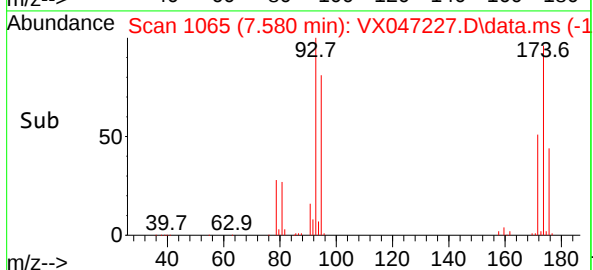
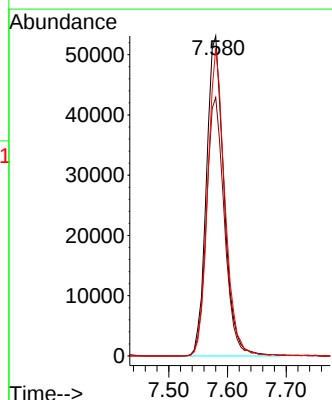
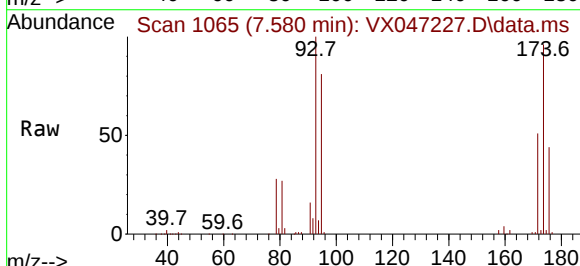
Tgt Ion: 93 Resp: 110771

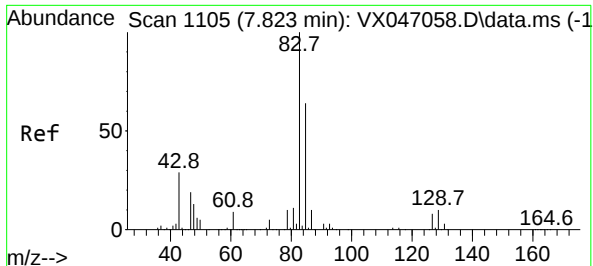
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

174 93.5 74.6 112.0

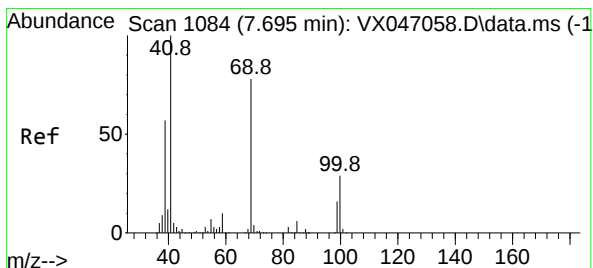
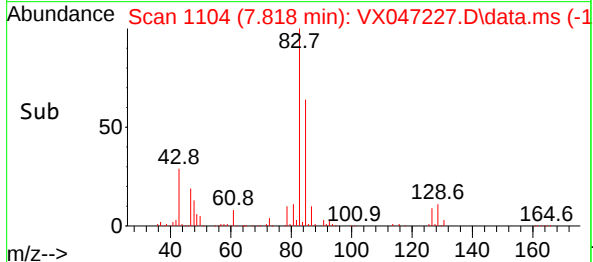
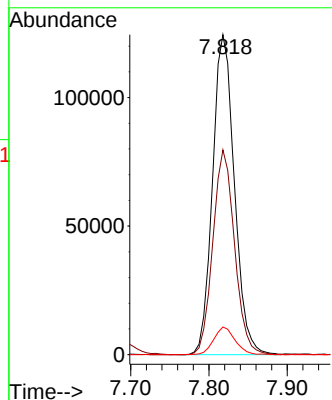
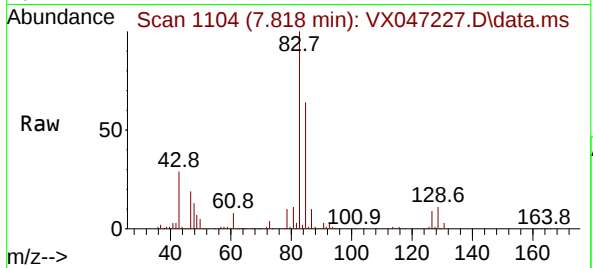




#47
Bromodichloromethane
Concen: 49.188 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

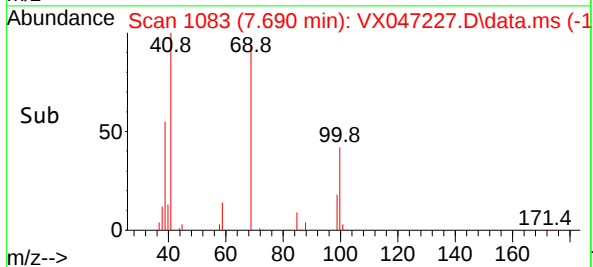
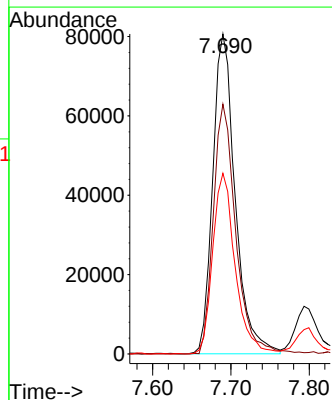
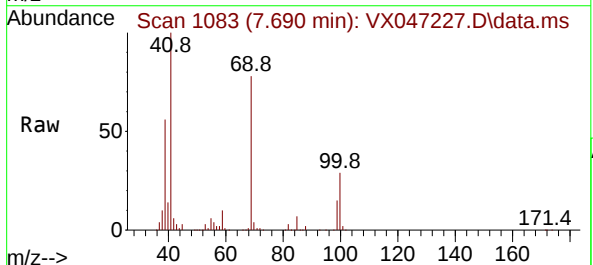
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

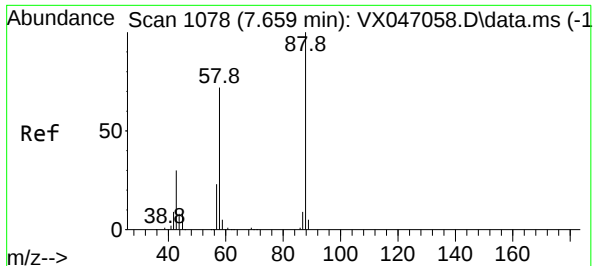
Tgt Ion: 83 Resp: 241015
Ion Ratio Lower Upper
83 100
85 64.0 49.9 74.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 45.301 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 41 Resp: 160557
Ion Ratio Lower Upper
41 100
69 78.5 62.3 93.5
39 56.7 44.8 67.2





#49

1,4-Dioxane

Concen: 869.215 ug/l

RT: 7.726 min Scan# 1089

Delta R.T. 0.067 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

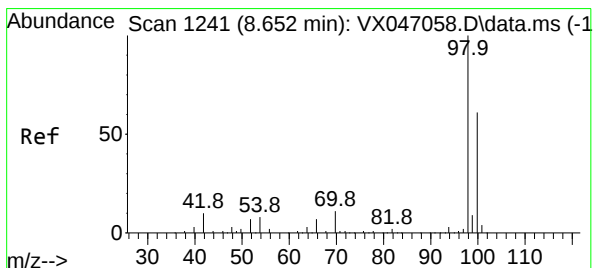
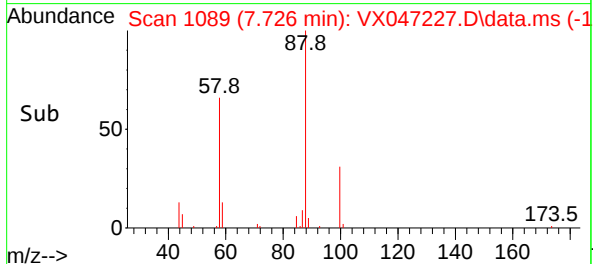
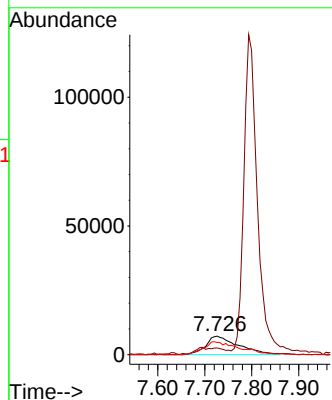
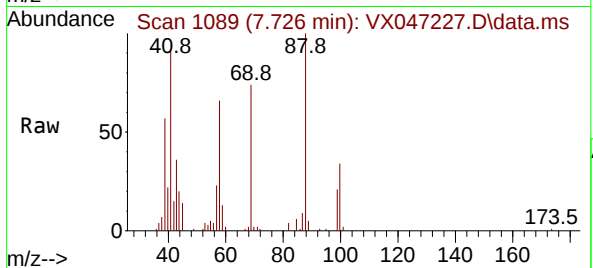
Tgt Ion: 88 Resp: 35039

Ion Ratio Lower Upper

88 100

43 0.0 33.6 50.4#

58 76.9 58.8 88.2



#50

Toluene-d8

Concen: 50.374 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047227.D

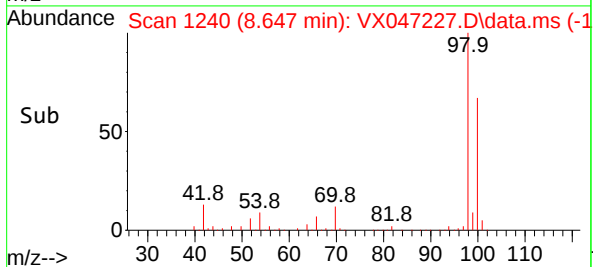
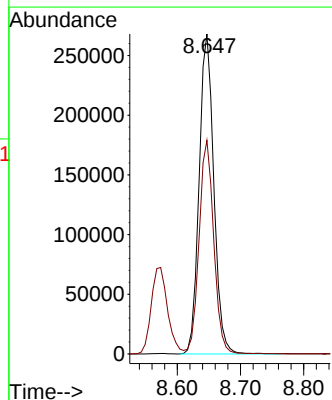
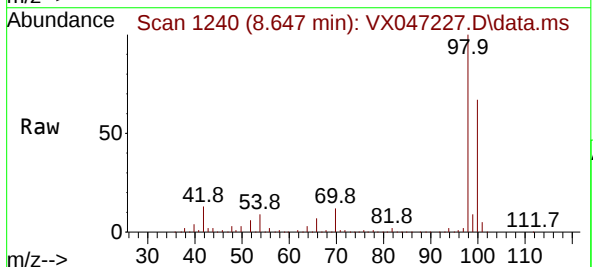
Acq: 04 Aug 2025 16:17

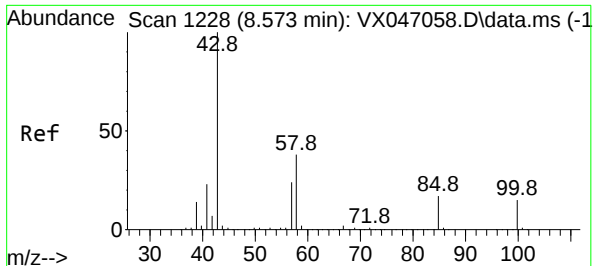
Tgt Ion: 98 Resp: 433439

Ion Ratio Lower Upper

98 100

100 66.2 53.3 79.9

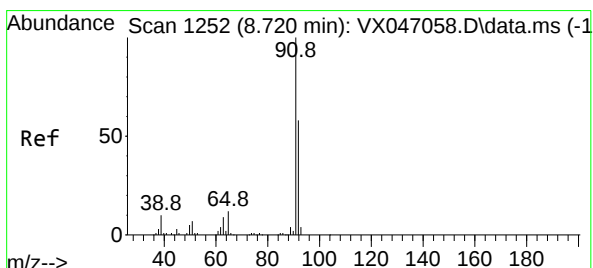
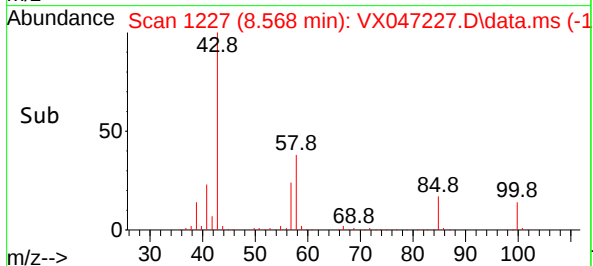
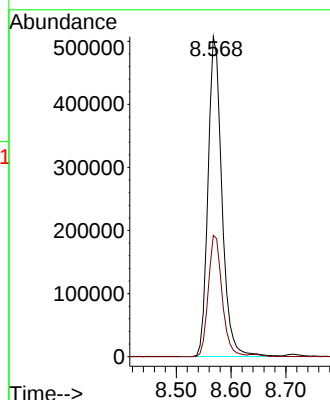
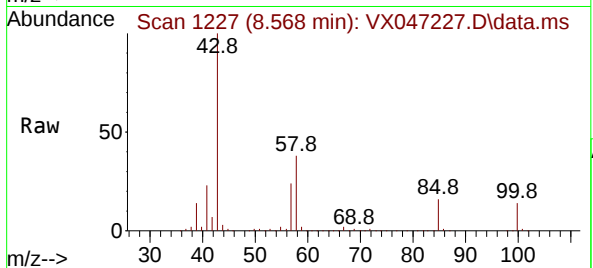




#51
4-Methyl-2-Pentanone
Concen: 229.760 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

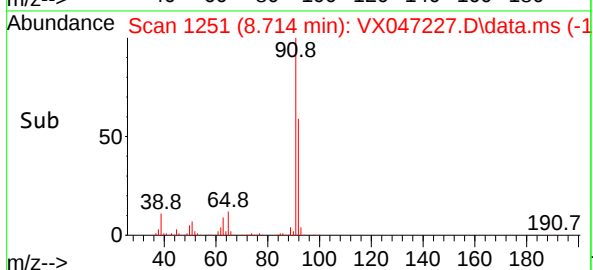
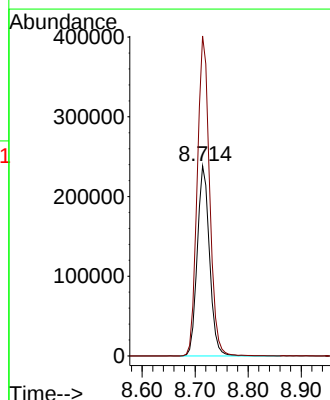
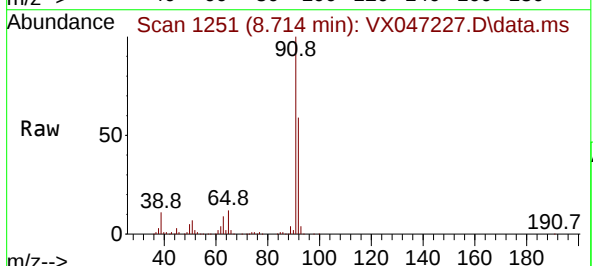
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

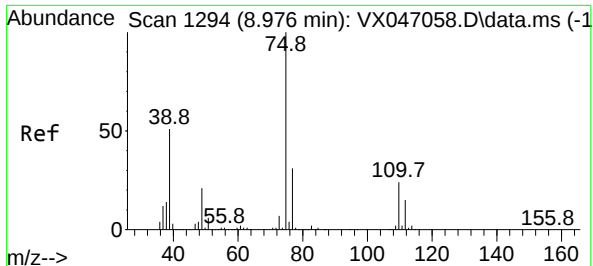
Tgt Ion: 43 Resp: 888499
Ion Ratio Lower Upper
43 100
58 37.9 30.6 45.8



#52
Toluene
Concen: 47.465 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 92 Resp: 382530
Ion Ratio Lower Upper
92 100
91 169.8 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 47.876 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

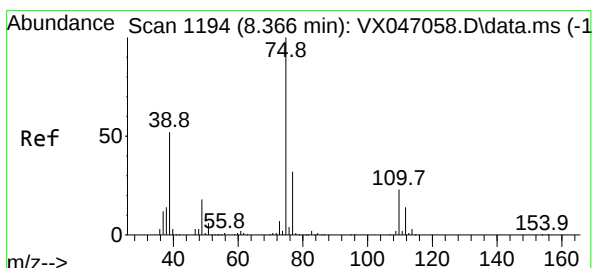
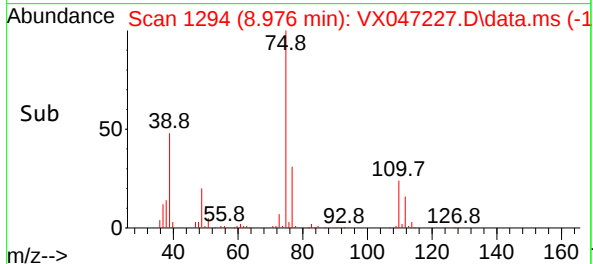
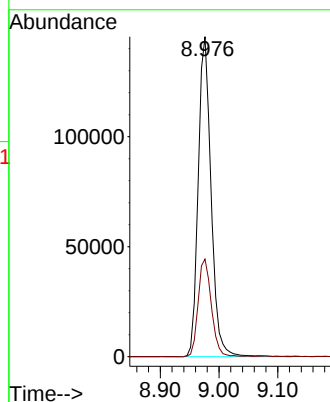
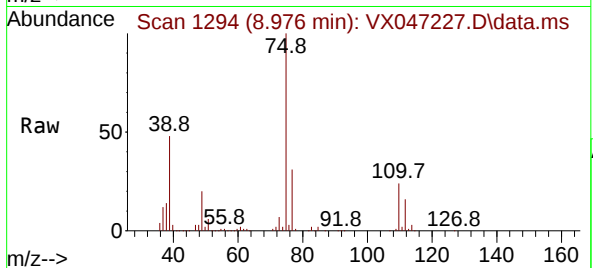
VSTDCCC050EC

Tgt Ion: 75 Resp: 221522

Ion Ratio Lower Upper

75 100

77 30.5 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 47.887 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

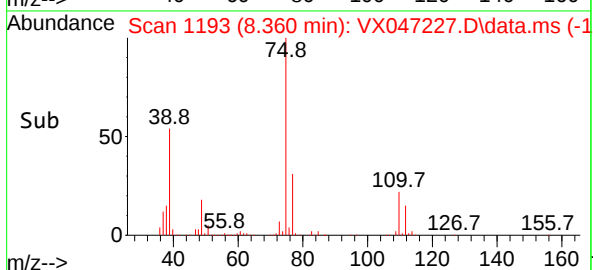
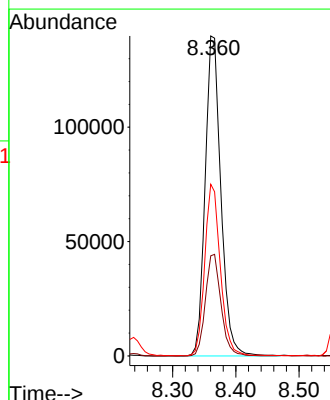
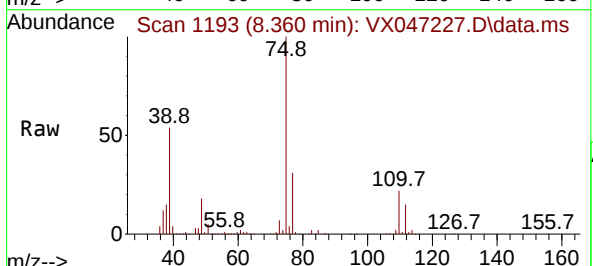
Tgt Ion: 75 Resp: 242506

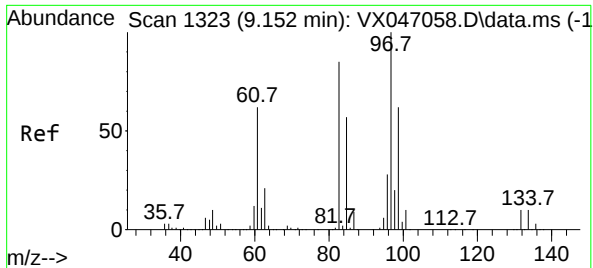
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 53.5 41.8 62.6



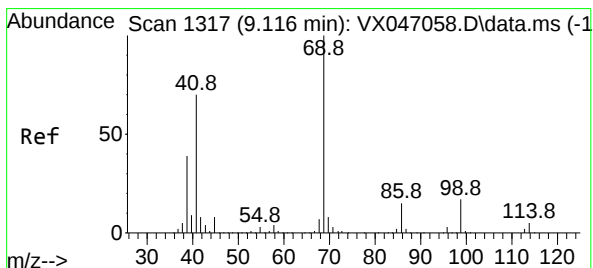
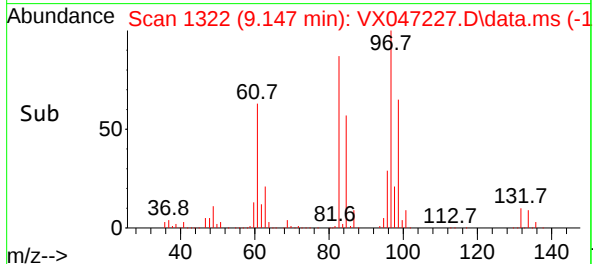
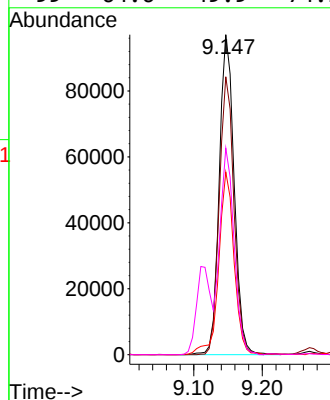
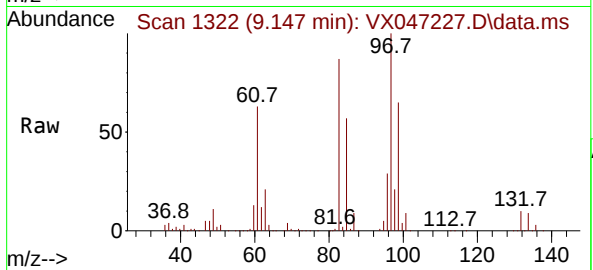


#55
1,1,2-Trichloroethane
Concen: 48.275 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 145907

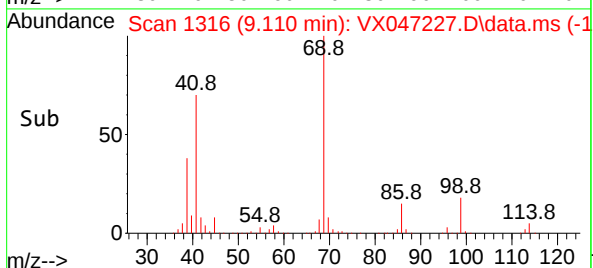
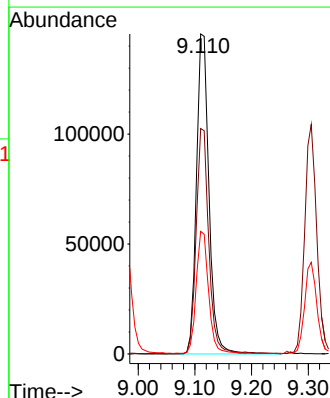
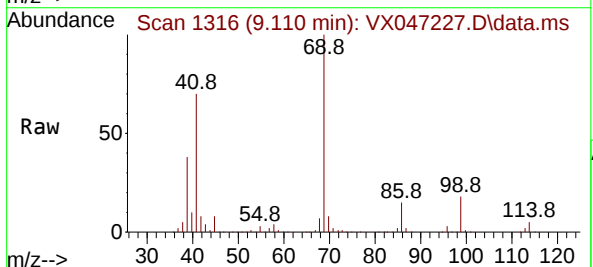
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.0	102.0
85	57.0	45.2	67.8
99	64.6	49.9	74.9

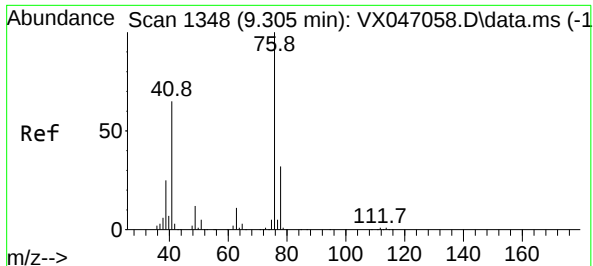


#56
Ethyl methacrylate
Concen: 49.950 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 69 Resp: 223496

Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.1	84.1
39	37.6	31.1	46.7





#57

1,3-Dichloropropane

Concen: 46.810 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

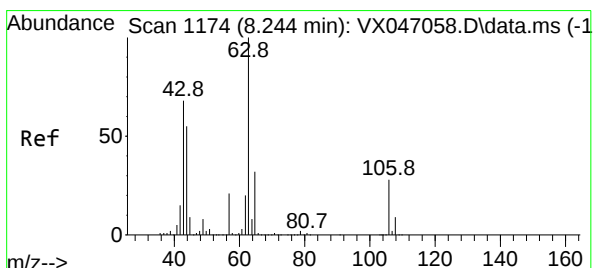
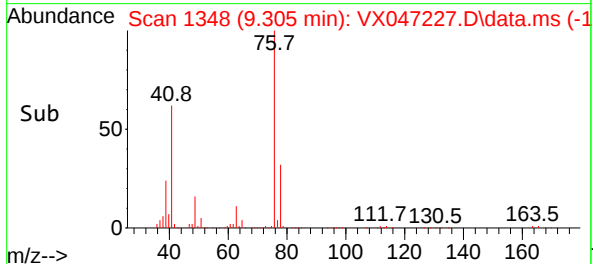
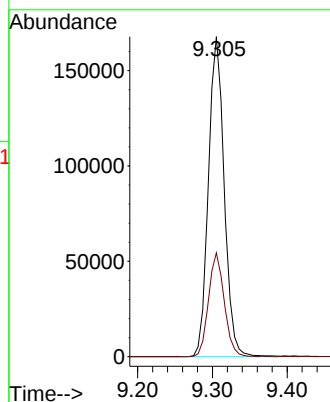
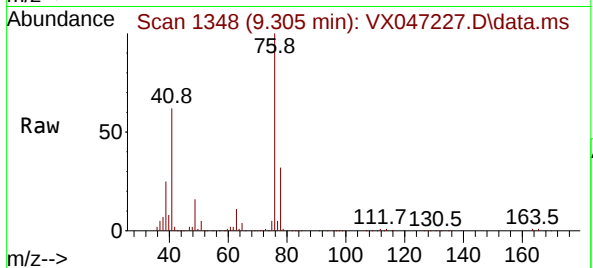
VSTDCCC050EC

Tgt Ion: 76 Resp: 245885

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 237.421 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047227.D

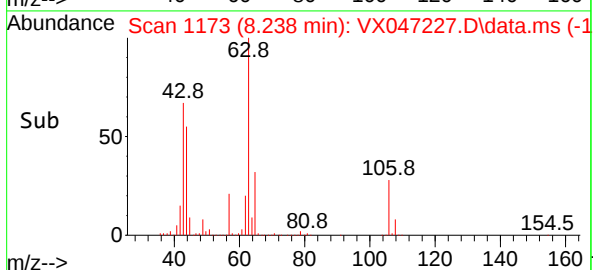
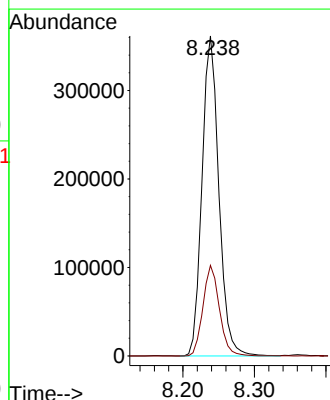
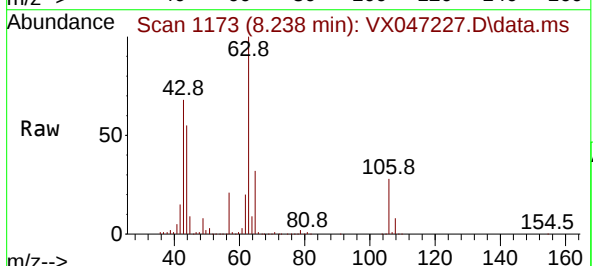
Acq: 04 Aug 2025 16:17

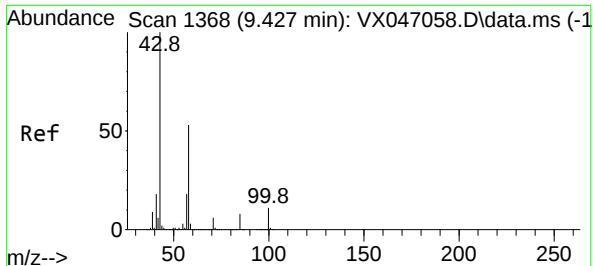
Tgt Ion: 63 Resp: 591143

Ion Ratio Lower Upper

63 100

106 27.6 22.2 33.4





#59

2-Hexanone

Concen: 233.255 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

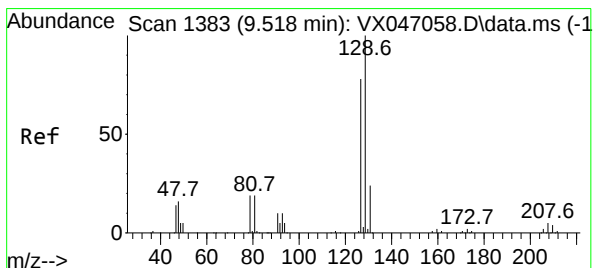
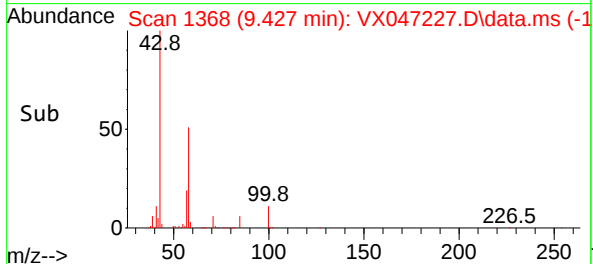
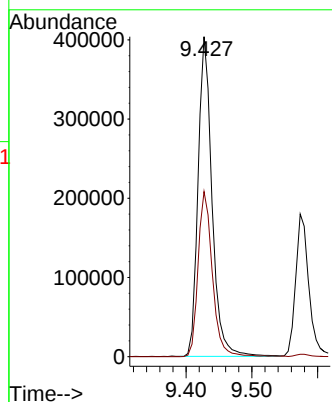
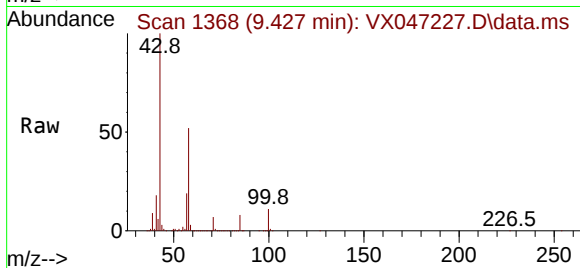
VSTDCCC050EC

Tgt Ion: 43 Resp: 595942

Ion Ratio Lower Upper

43 100

58 53.1 26.5 79.5



#60

Dibromochloromethane

Concen: 49.053 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047227.D

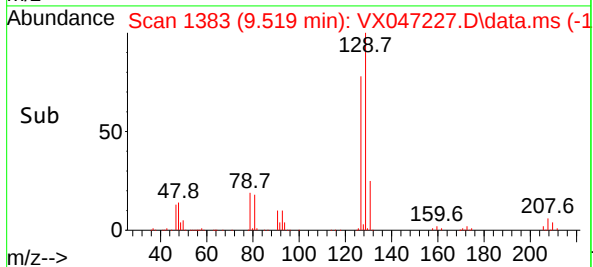
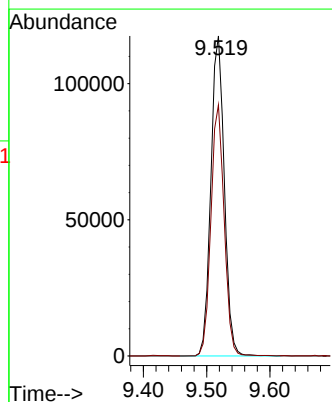
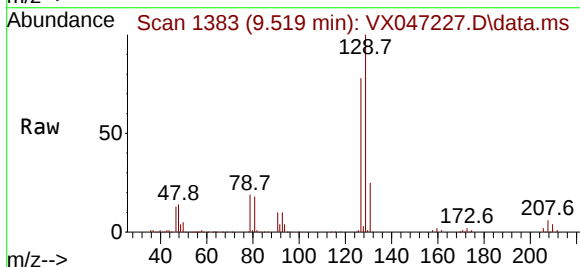
Acq: 04 Aug 2025 16:17

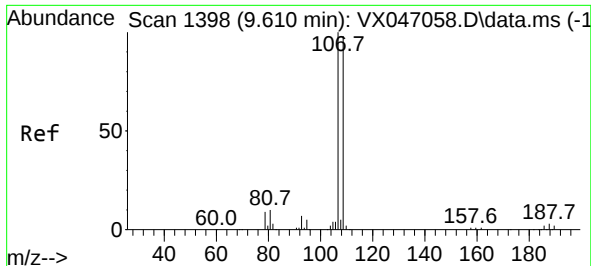
Tgt Ion:129 Resp: 173879

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.8

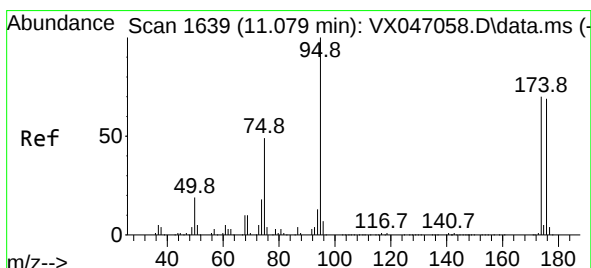
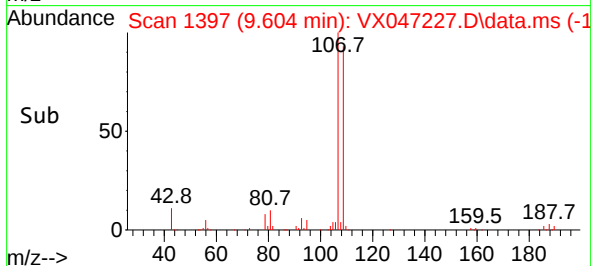
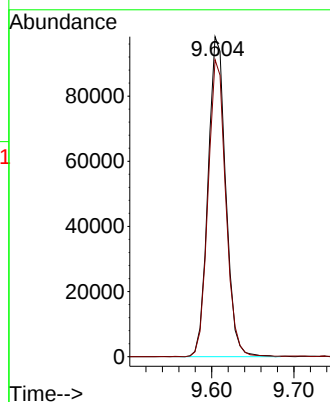
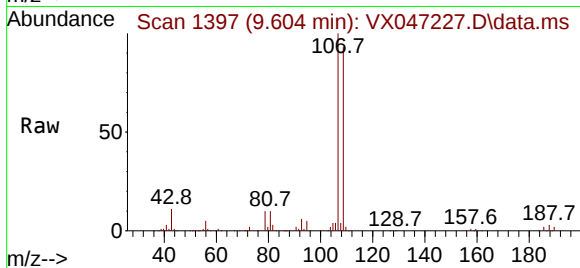




#61
1,2-Dibromoethane
Concen: 46.358 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

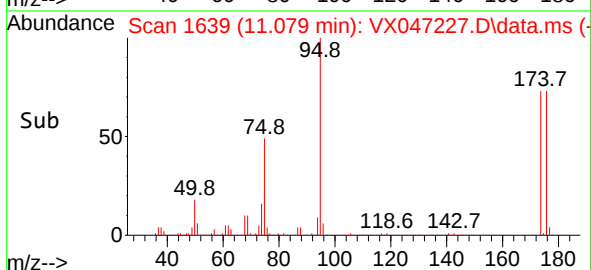
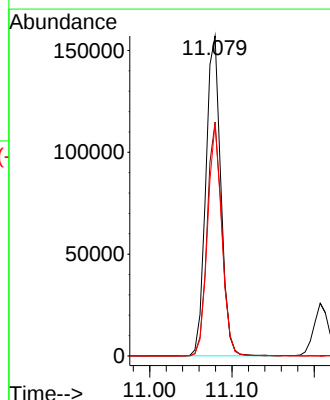
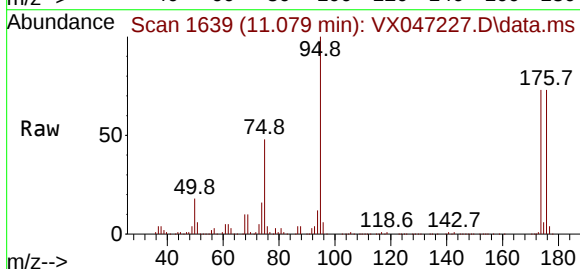
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

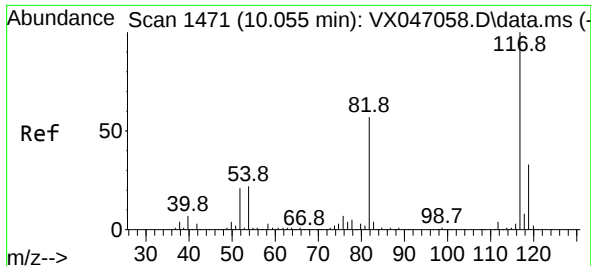
Tgt Ion:107 Resp: 146504
Ion Ratio Lower Upper
107 100
109 93.2 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 53.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 95 Resp: 198123
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.6
176 69.1 0.0 139.6

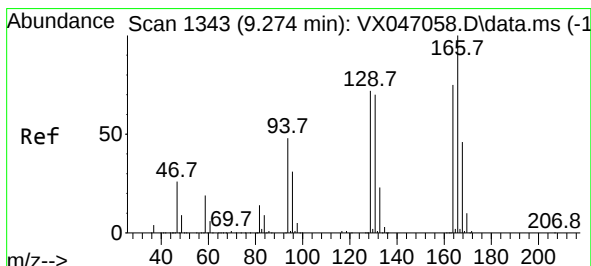
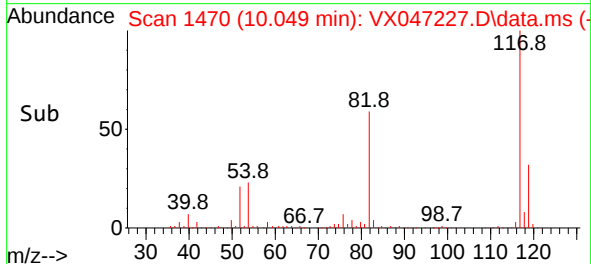
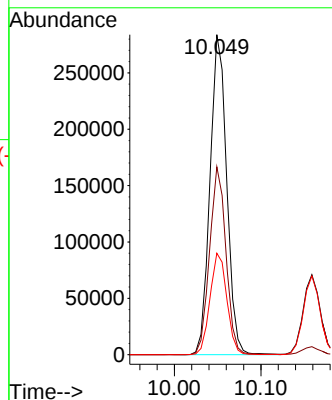
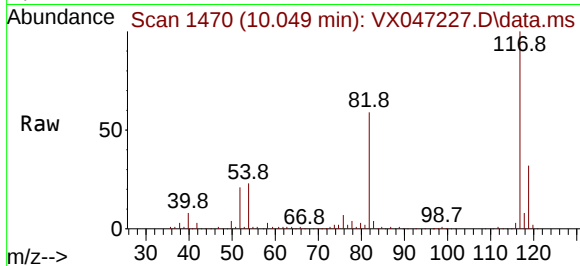




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

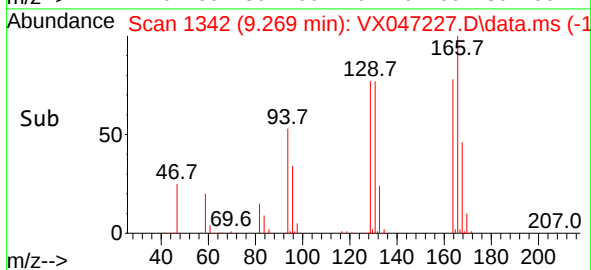
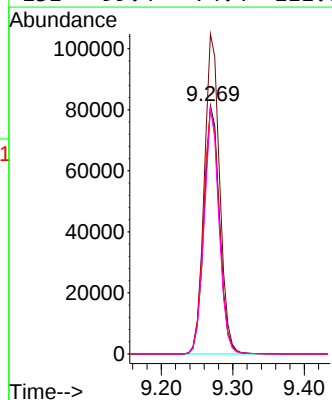
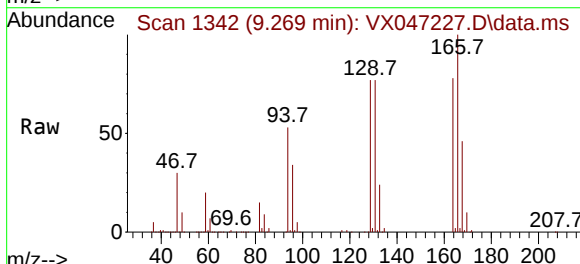
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

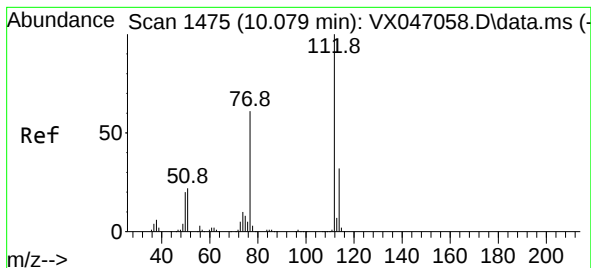
Tgt Ion:117 Resp: 379663
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 31.7 26.1 39.1



#64
Tetrachloroethene
Concen: 44.647 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion:164 Resp: 122197
Ion Ratio Lower Upper
164 100
166 128.9 106.2 159.4
129 99.2 76.6 114.8
131 99.4 74.4 111.6





#65

Chlorobenzene

Concen: 47.146 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

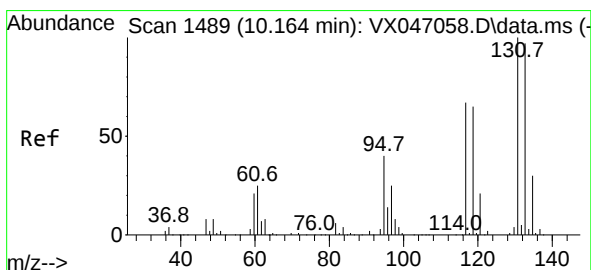
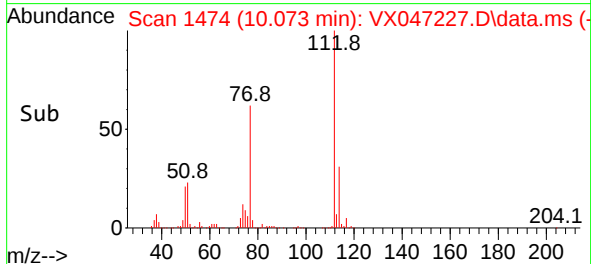
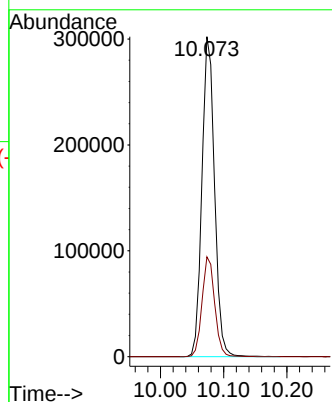
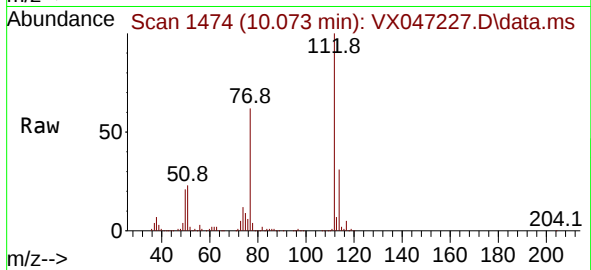
VSTDCCC050EC

Tgt Ion:112 Resp: 419332

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.163 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

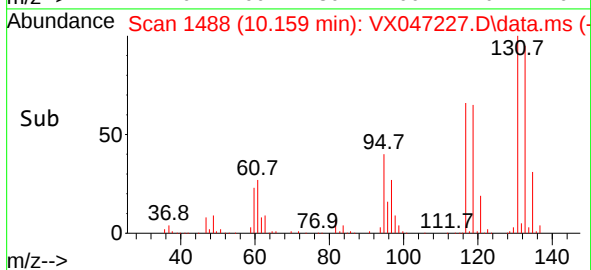
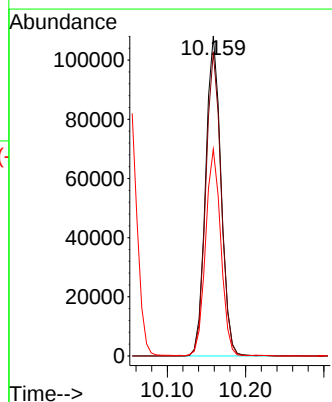
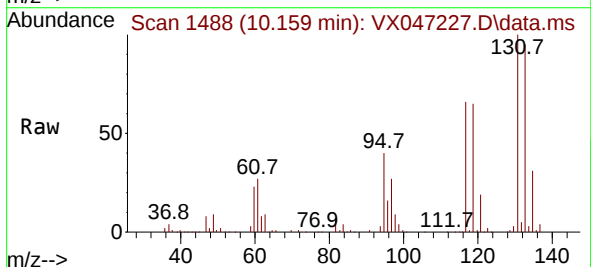
Tgt Ion:131 Resp: 147220

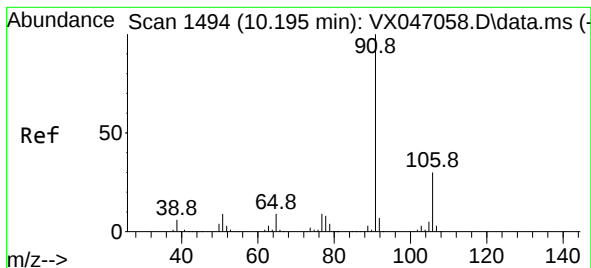
Ion Ratio Lower Upper

131 100

133 94.6 48.4 145.3

119 63.8 32.4 97.0





#67

Ethyl Benzene

Concen: 47.790 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

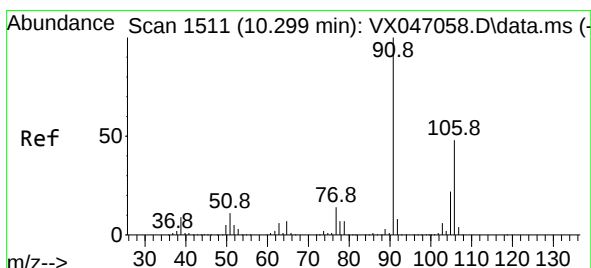
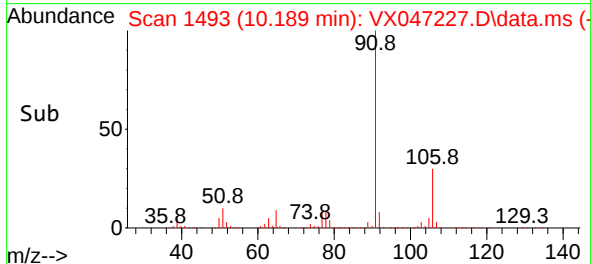
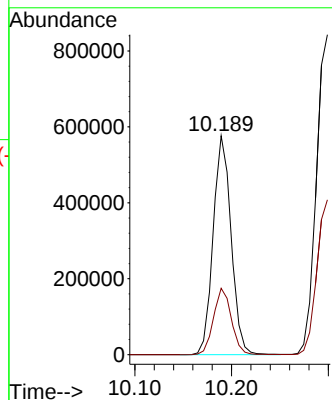
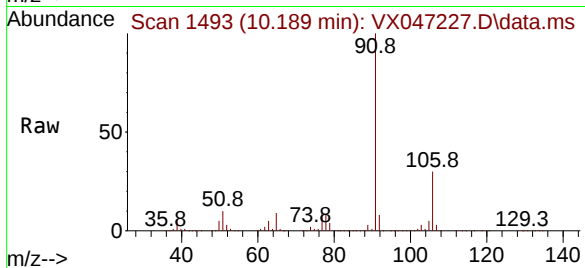
VSTDCCC050EC

Tgt Ion: 91 Resp: 743192

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.4



#68

m/p-Xylenes

Concen: 94.185 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047227.D

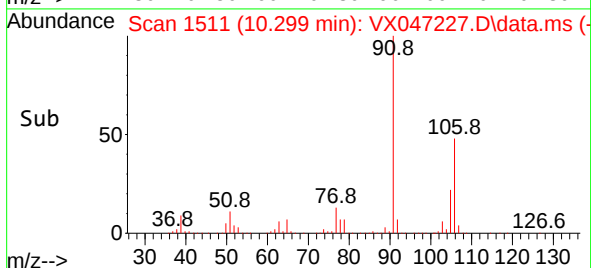
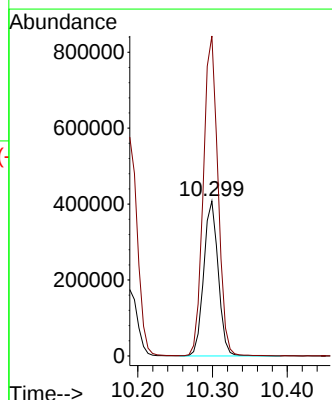
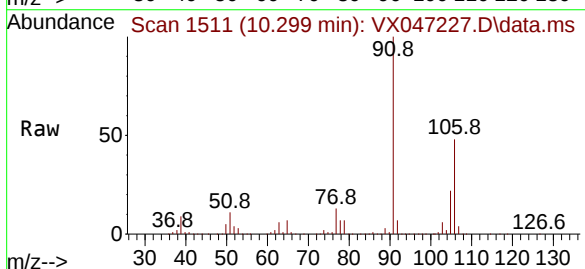
Acq: 04 Aug 2025 16:17

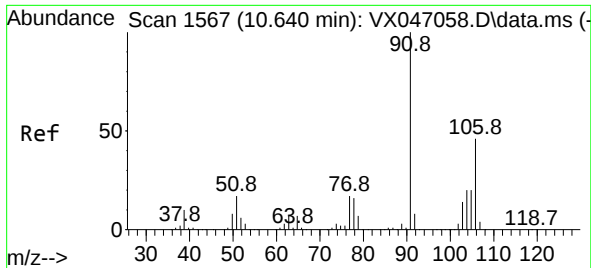
Tgt Ion: 106 Resp: 548118

Ion Ratio Lower Upper

106 100

91 208.9 167.4 251.0

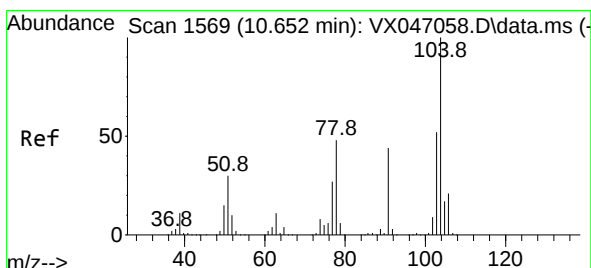
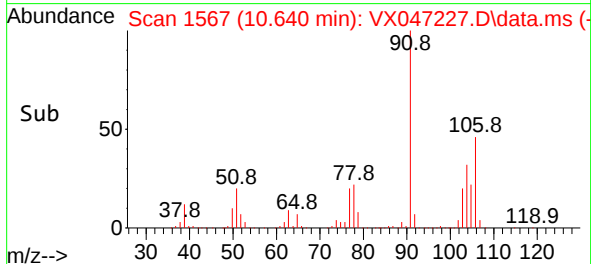
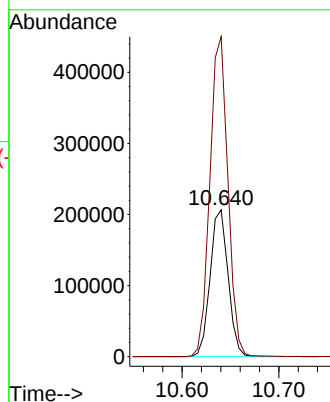
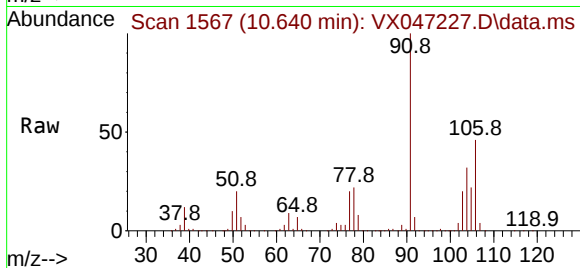




#69
o-Xylene
Concen: 48.328 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

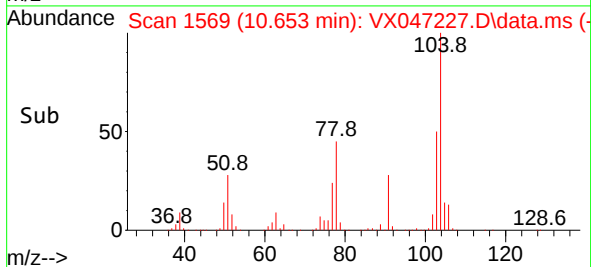
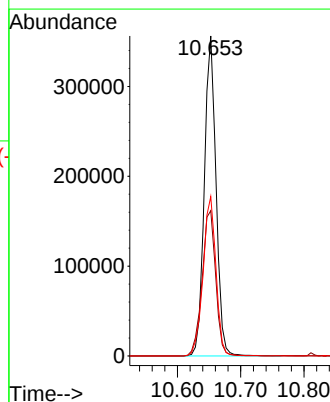
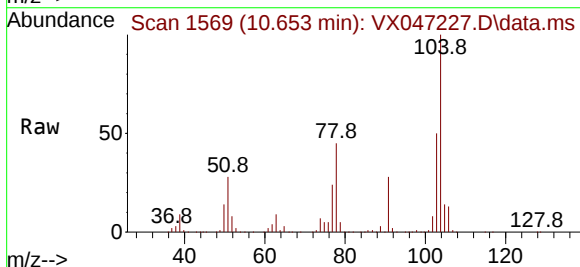
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

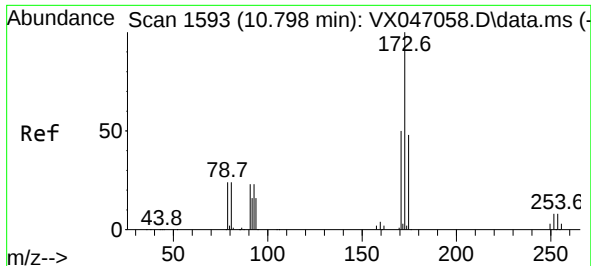
Tgt Ion:106 Resp: 267557
Ion Ratio Lower Upper
106 100
91 218.4 110.3 331.0



#70
Styrene
Concen: 48.418 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion:104 Resp: 459653
Ion Ratio Lower Upper
104 100
78 52.8 42.0 63.0
103 54.7 43.8 65.6

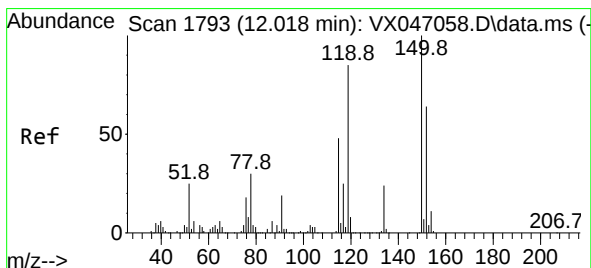
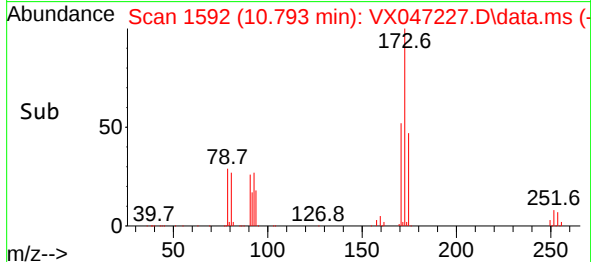
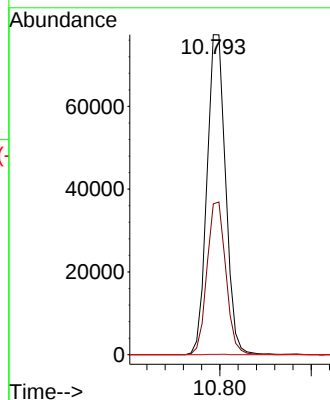
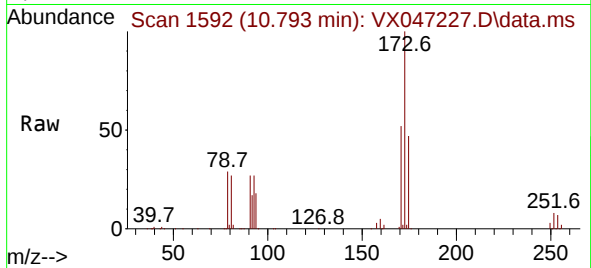




#71
Bromoform
Concen: 47.878 ug/l
RT: 10.793 min Scan# 1592
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

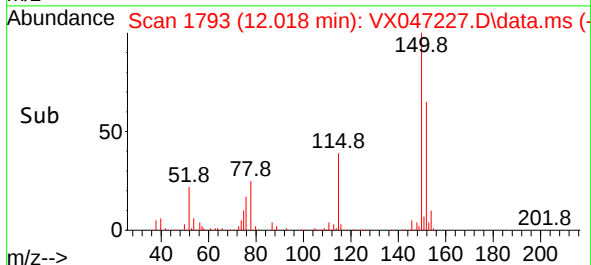
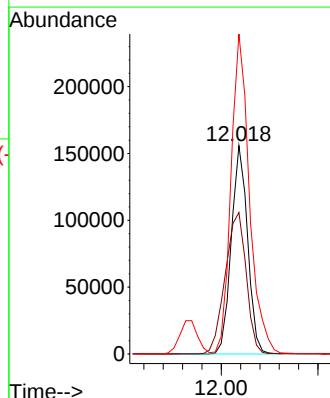
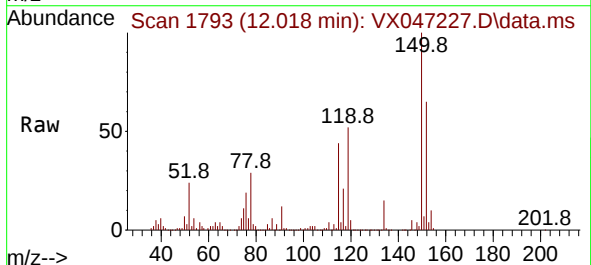
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

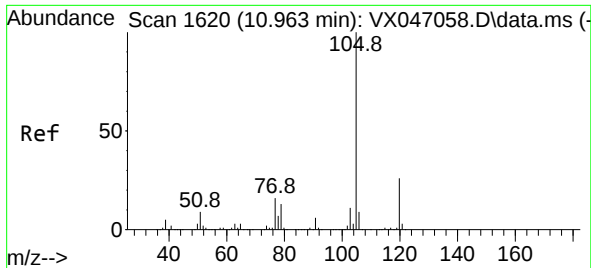
Tgt Ion:173 Resp: 108908
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion:152 Resp: 182434
Ion Ratio Lower Upper
152 100
115 87.8 45.6 136.7
150 174.0 0.0 354.6

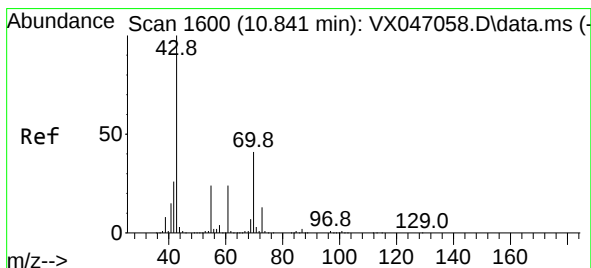
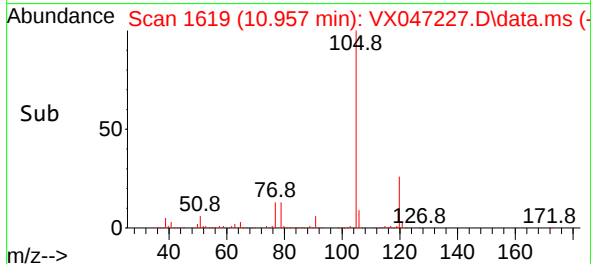
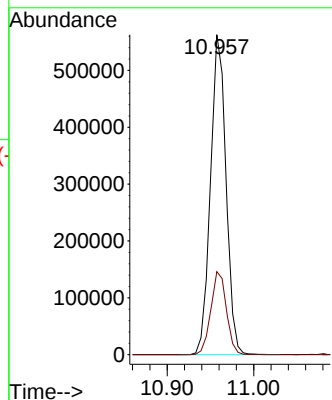
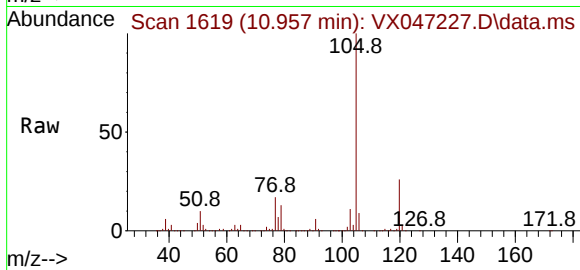




#73
Isopropylbenzene
Concen: 48.707 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

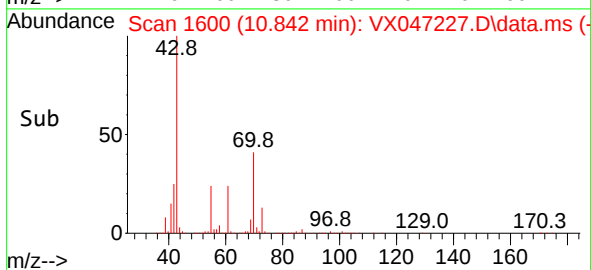
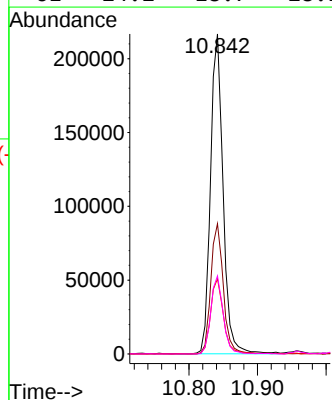
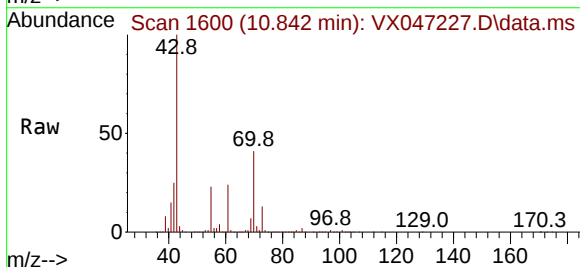
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

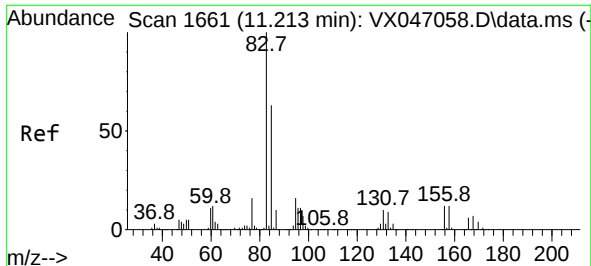
Tgt Ion:105 Resp: 701038
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 47.680 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 43 Resp: 276893
Ion Ratio Lower Upper
43 100
70 40.7 32.3 48.5
55 23.9 18.9 28.3
61 24.2 18.7 28.1

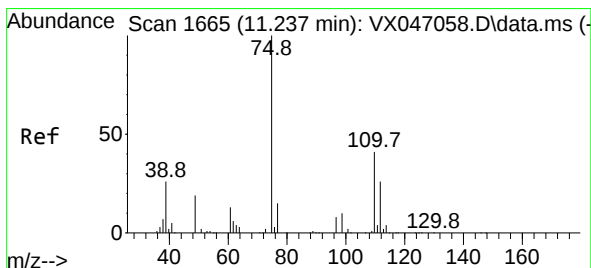
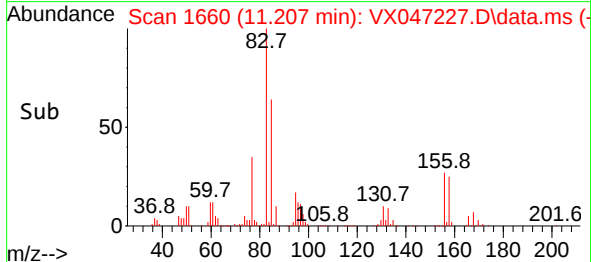
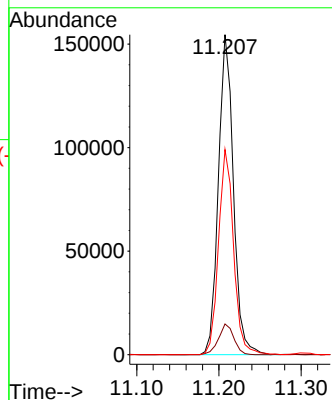
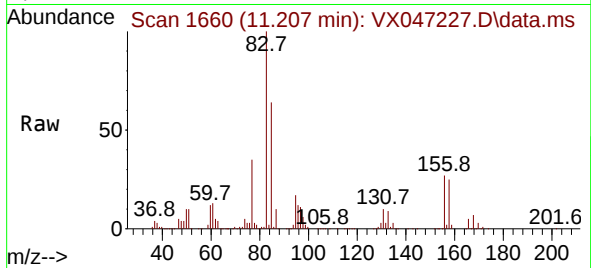




#75
1,1,2,2-Tetrachloroethane
Concen: 47.630 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

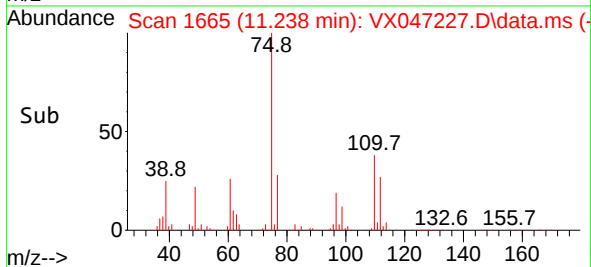
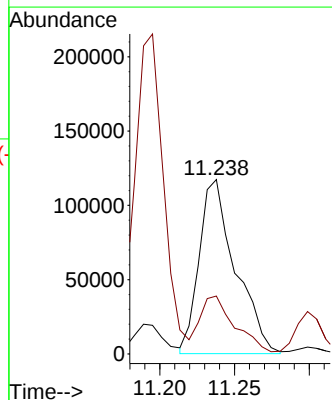
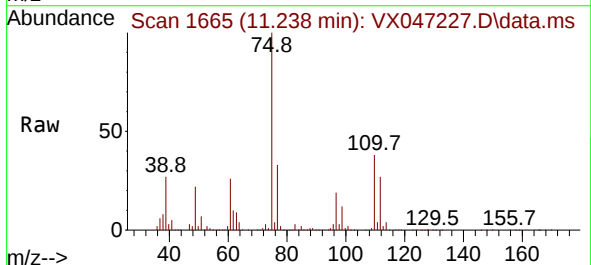
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

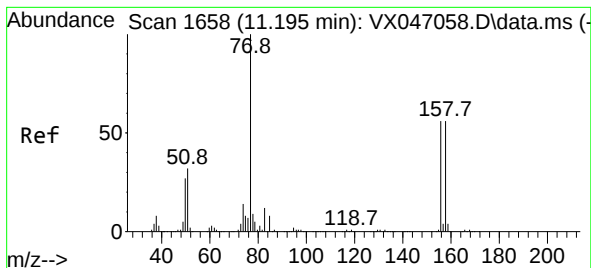
Tgt Ion: 83 Resp: 195819
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.5 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 58.623 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 75 Resp: 197956
Ion Ratio Lower Upper
75 100
77 32.1 21.6 65.0





#77

Bromobenzene

Concen: 48.617 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

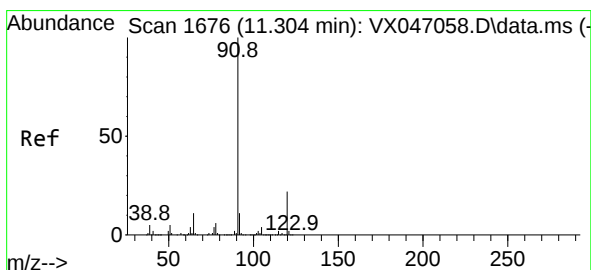
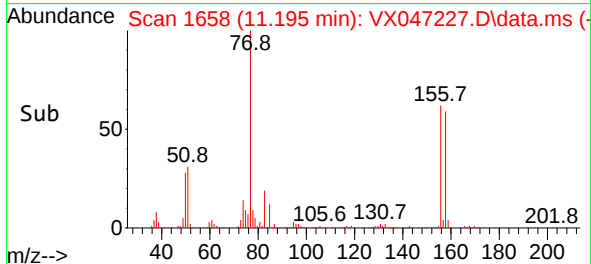
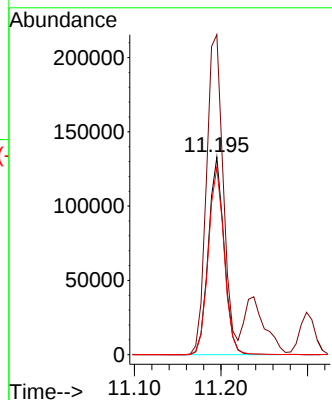
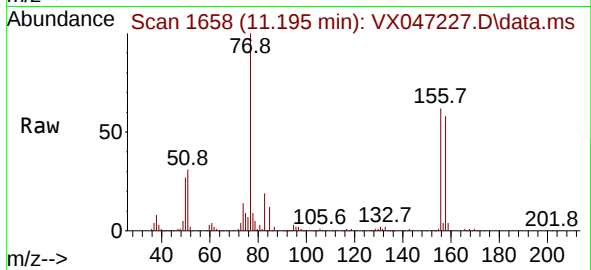
Tgt Ion:156 Resp: 167836

Ion Ratio Lower Upper

156 100

77 173.0 87.3 261.9

158 95.9 48.9 146.6



#78

n-propylbenzene

Concen: 48.673 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX047227.D

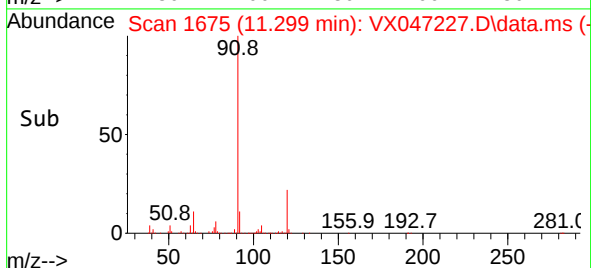
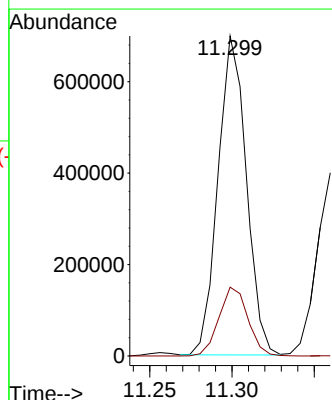
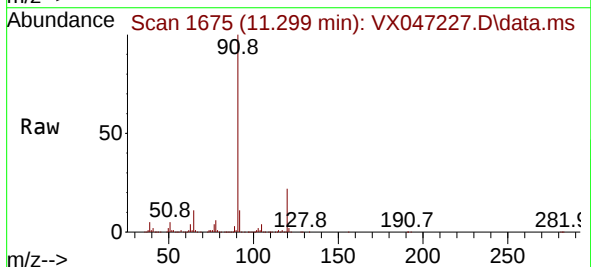
Acq: 04 Aug 2025 16:17

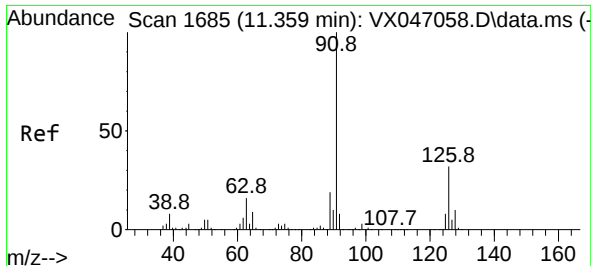
Tgt Ion: 91 Resp: 837135

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 48.178 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

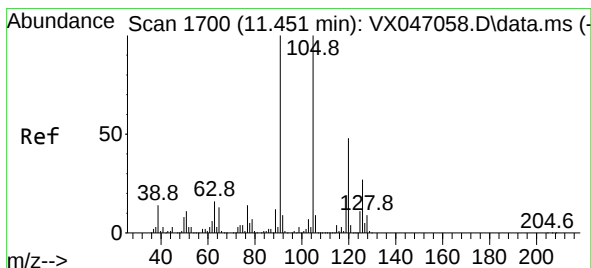
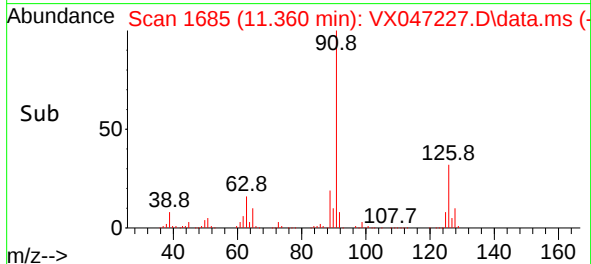
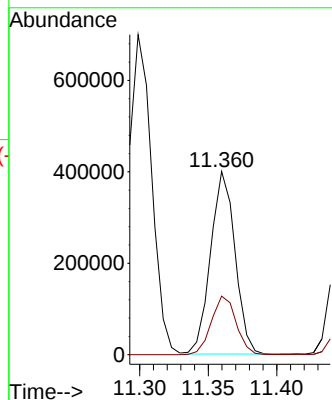
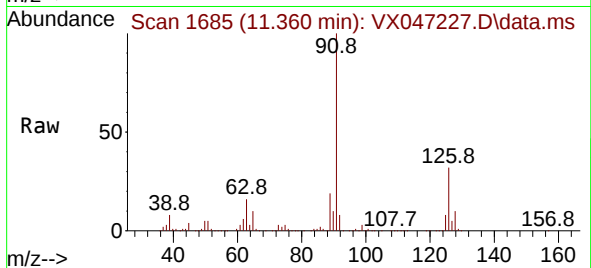
VSTDCCC050EC

Tgt Ion: 91 Resp: 495333

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 48.536 ug/l

RT: 11.445 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VX047227.D

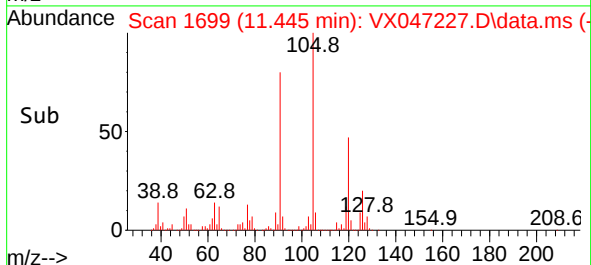
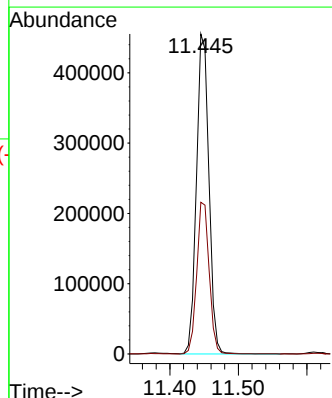
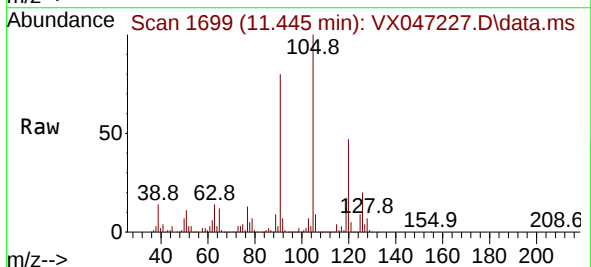
Acq: 04 Aug 2025 16:17

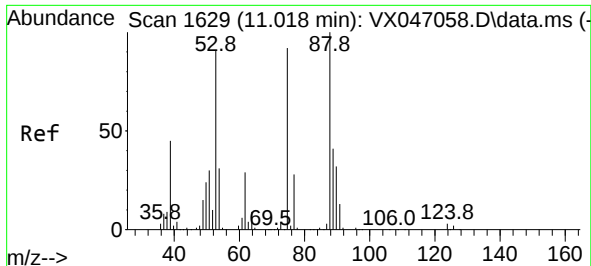
Tgt Ion: 105 Resp: 577125

Ion Ratio Lower Upper

105 100

120 47.3 23.8 71.5

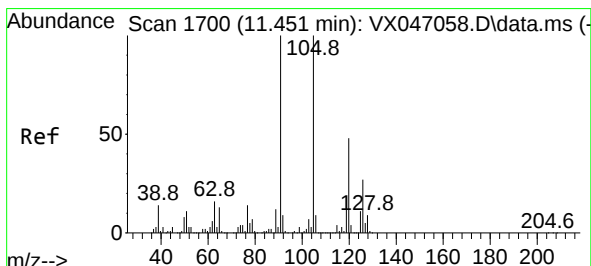
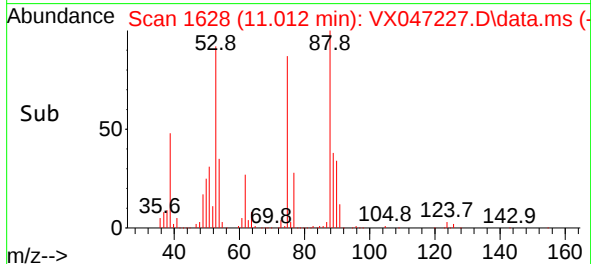
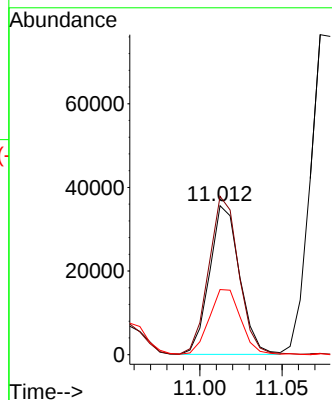
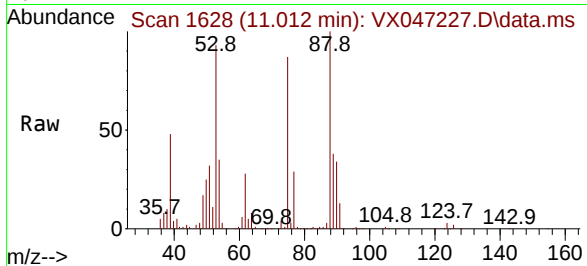




#81
trans-1,4-Dichloro-2-butene
Concen: 34.510 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

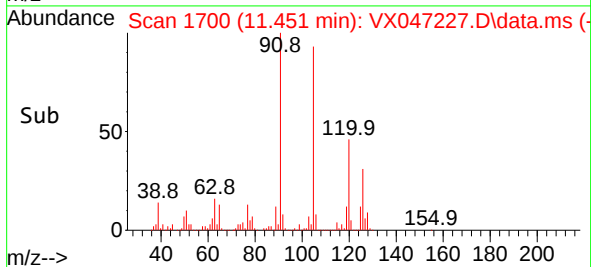
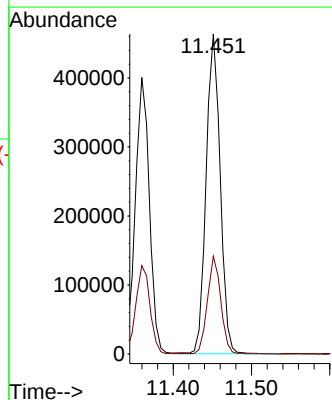
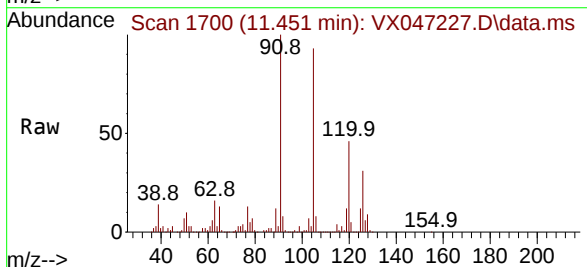
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

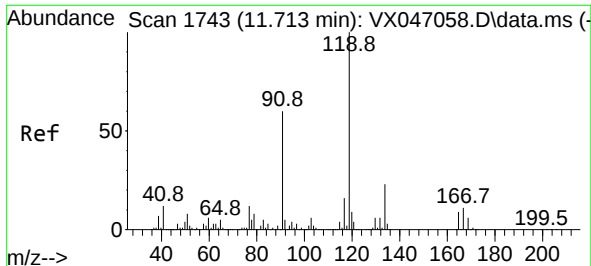
Tgt Ion: 75 Resp: 45230
Ion Ratio Lower Upper
75 100
53 105.2 84.2 126.4
89 46.4 36.0 54.0



#82
4-Chlorotoluene
Concen: 47.958 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 91 Resp: 575520
Ion Ratio Lower Upper
91 100
126 29.2 14.1 42.3

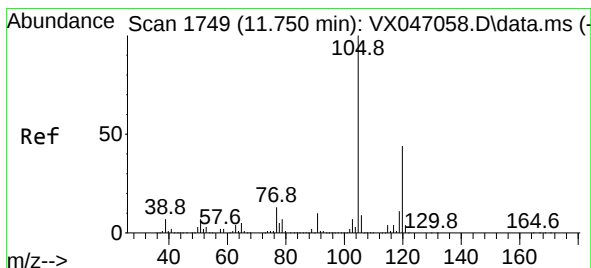
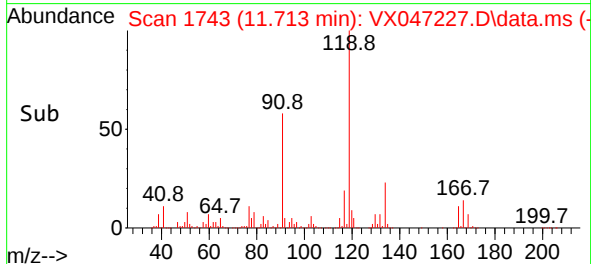
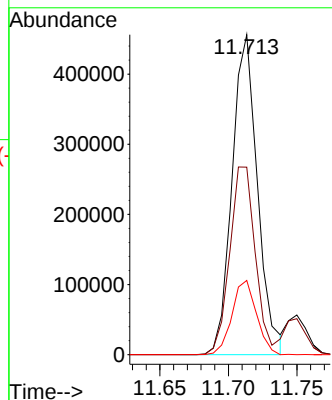
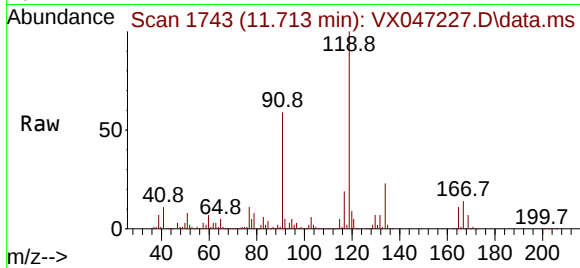




#83
 tert-Butylbenzene
 Concen: 49.440 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

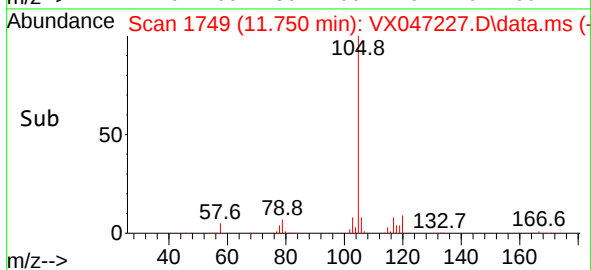
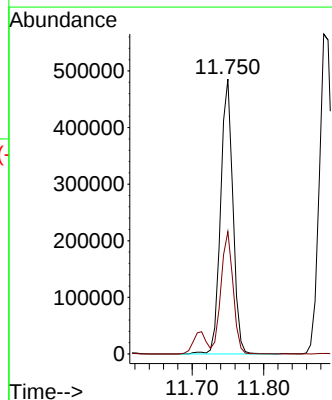
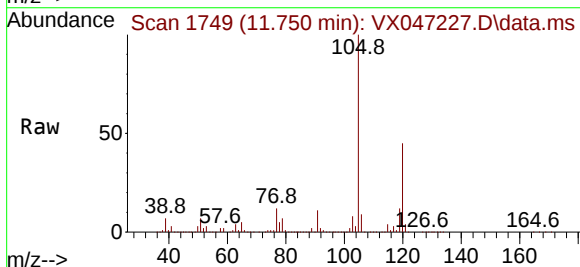
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

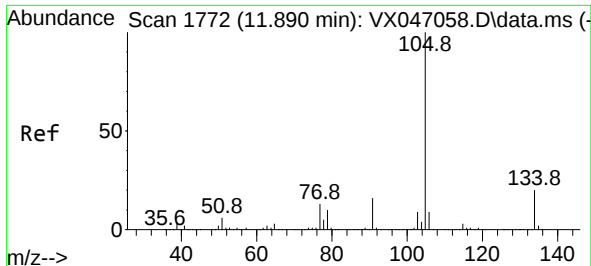
Tgt Ion:119 Resp: 590049
 Ion Ratio Lower Upper
 119 100
 91 58.8 29.6 88.8
 134 22.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.853 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

Tgt Ion:105 Resp: 579399
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.0 66.0

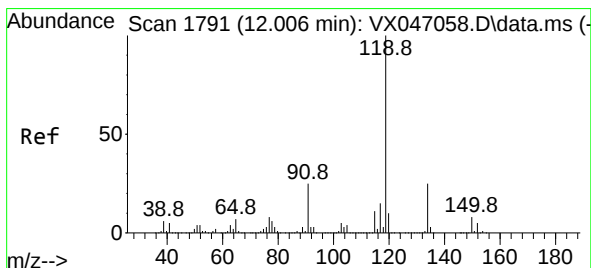
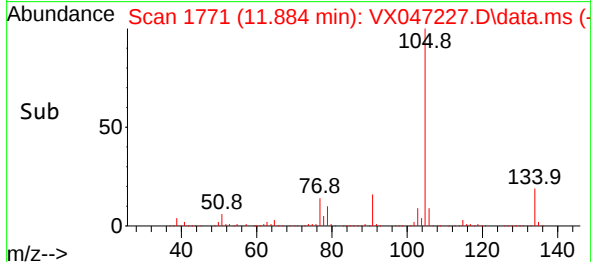
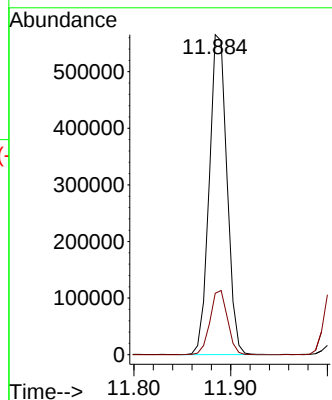
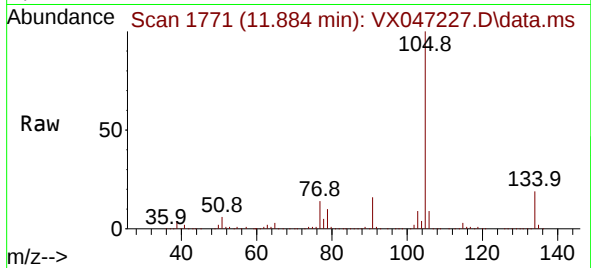




#85
 sec-Butylbenzene
 Concen: 48.299 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

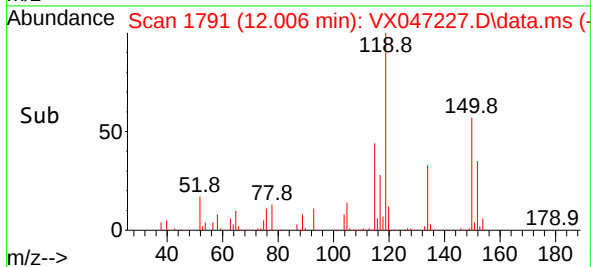
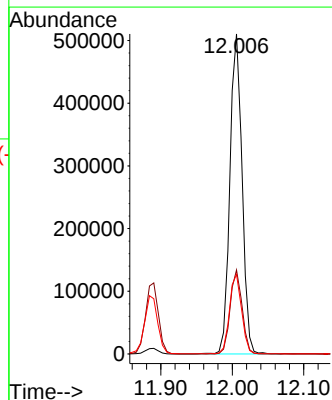
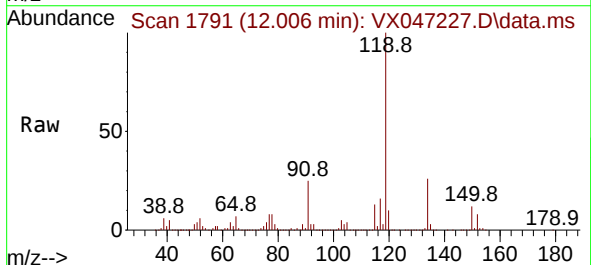
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

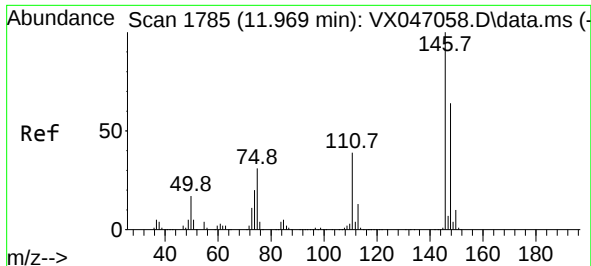
Tgt Ion:105 Resp: 720237
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 48.641 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

Tgt Ion:119 Resp: 601501
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.883 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

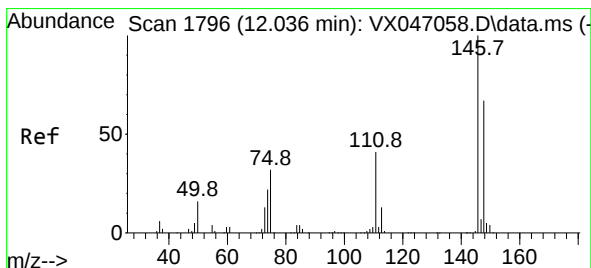
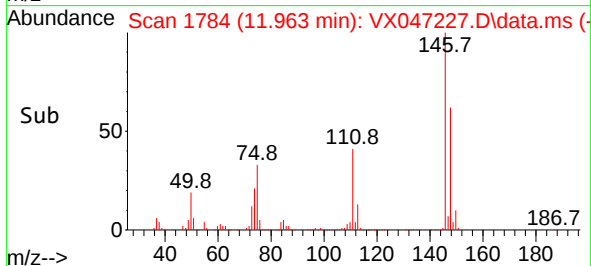
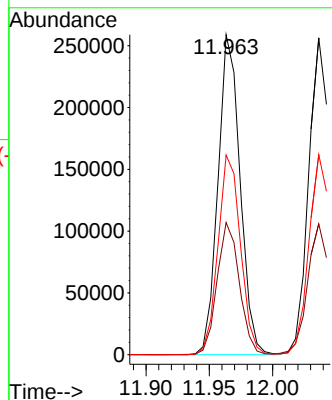
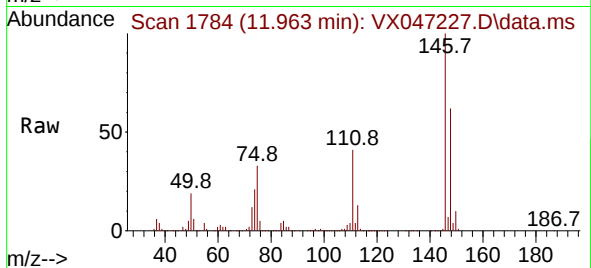
Tgt Ion:146 Resp: 314086

Ion Ratio Lower Upper

146 100

111 41.7 21.0 63.0

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 46.627 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

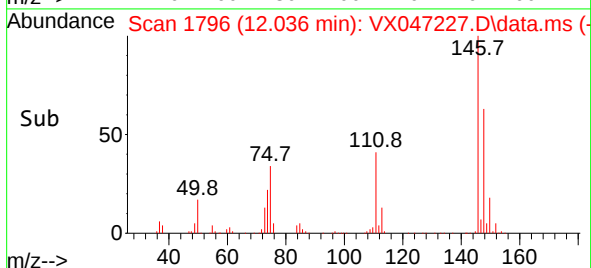
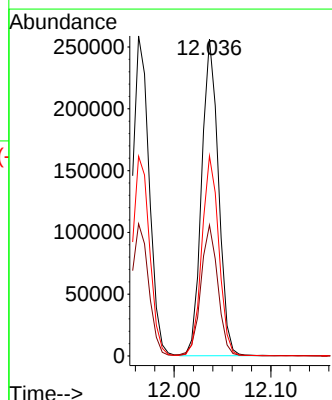
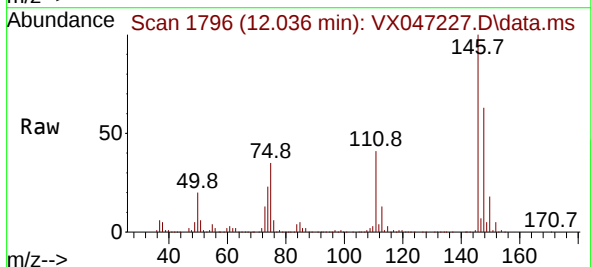
Tgt Ion:146 Resp: 309864

Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

148 63.6 33.0 98.9





#89

n-Butylbenzene

Concen: 48.178 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

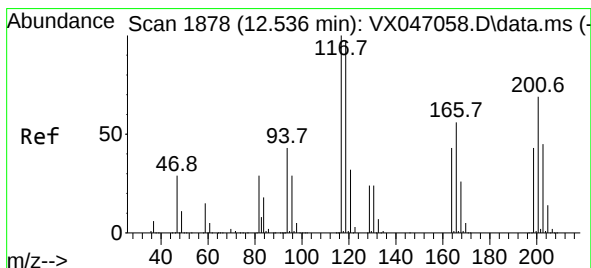
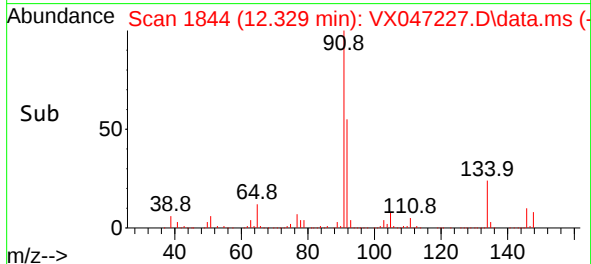
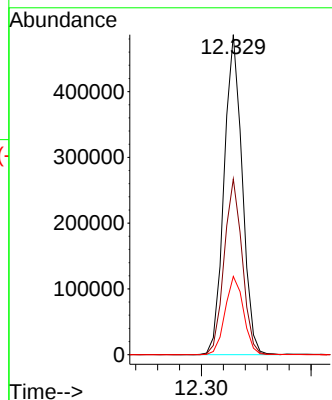
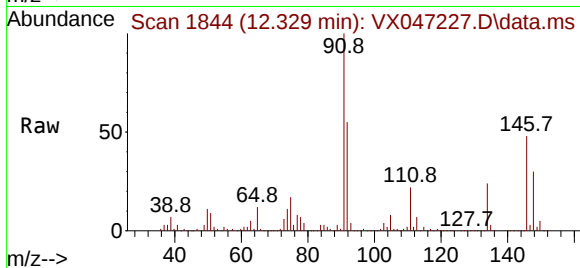
Tgt Ion: 91 Resp: 558709

Ion Ratio Lower Upper

91 100

92 54.8 27.5 82.5

134 24.9 12.8 38.3



#90

Hexachloroethane

Concen: 49.350 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047227.D

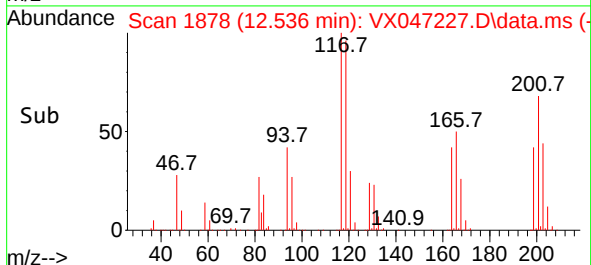
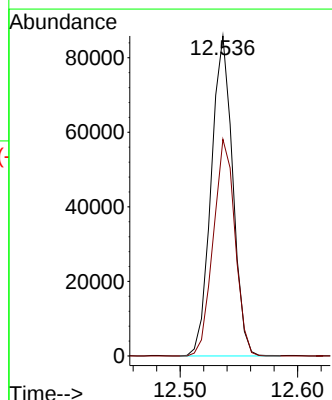
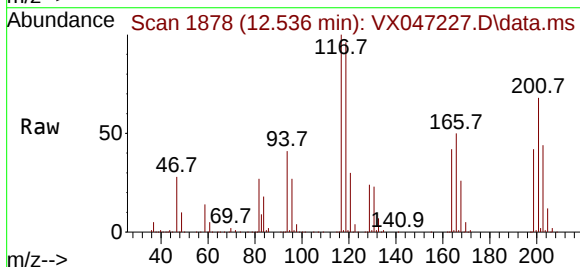
Acq: 04 Aug 2025 16:17

Tgt Ion: 117 Resp: 109173

Ion Ratio Lower Upper

117 100

201 68.4 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 47.508 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

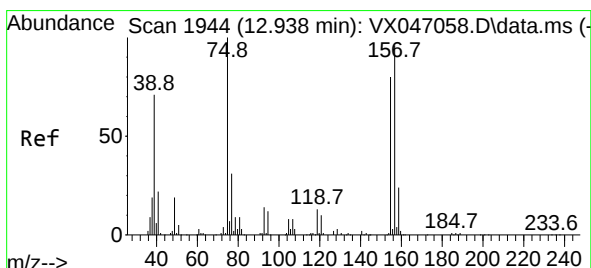
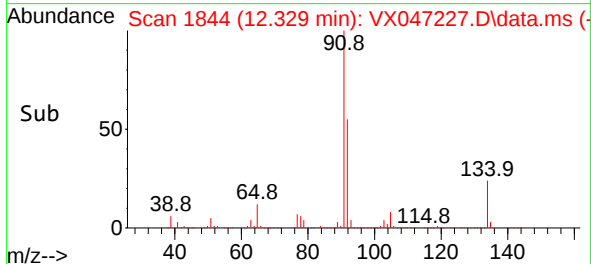
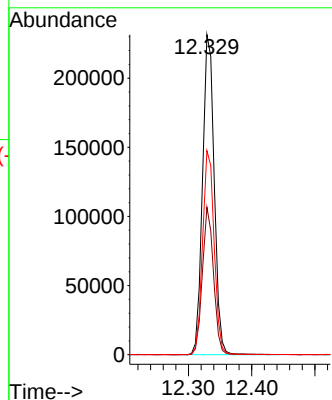
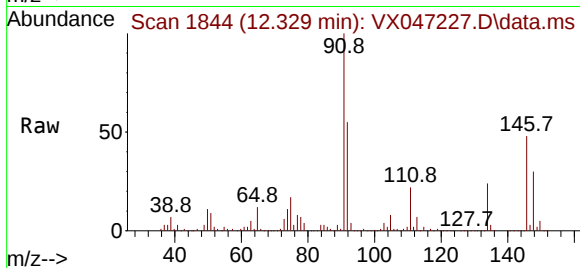
Tgt Ion:146 Resp: 297837

Ion Ratio Lower Upper

146 100

111 44.2 21.6 64.6

148 63.4 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.640 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

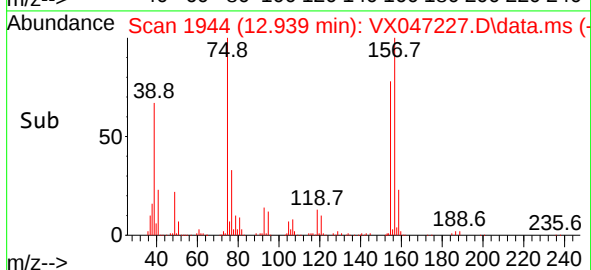
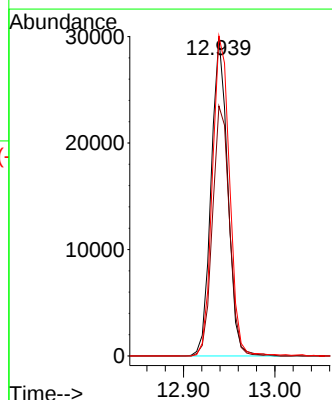
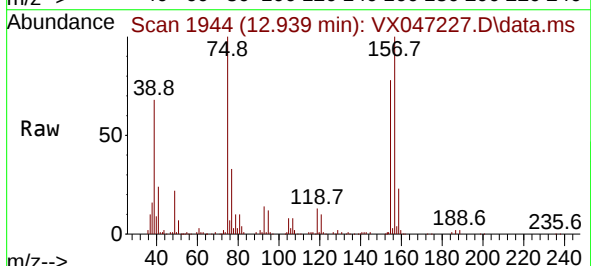
Tgt Ion: 75 Resp: 37596

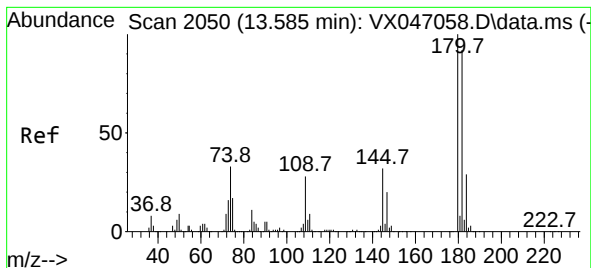
Ion Ratio Lower Upper

75 100

155 80.4 41.3 124.1

157 104.7 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 47.803 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

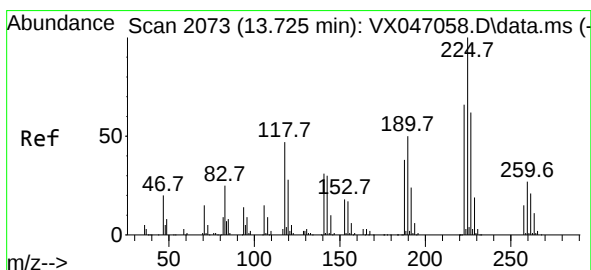
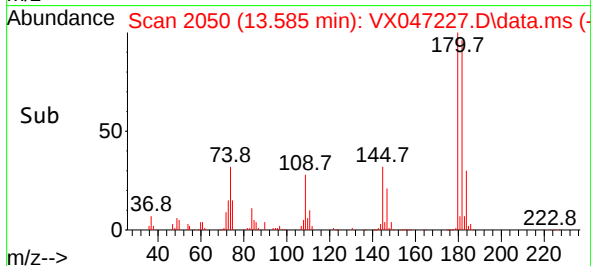
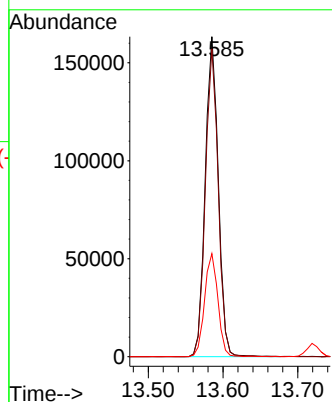
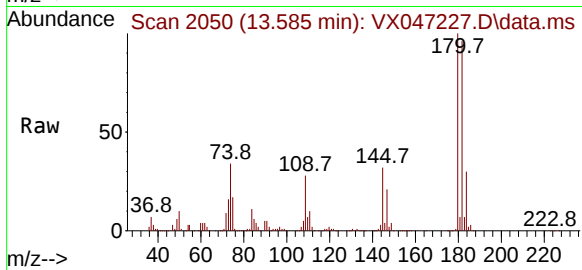
Tgt Ion:180 Resp: 198004

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

145 32.9 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.413 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

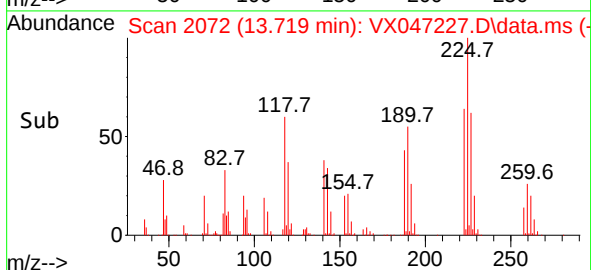
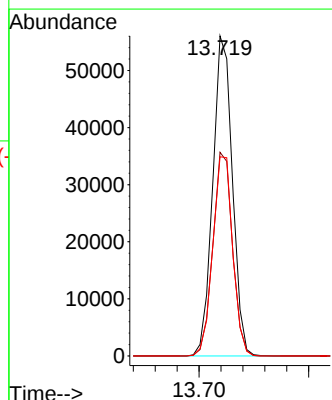
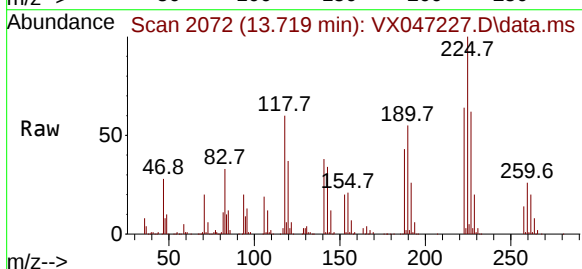
Tgt Ion:225 Resp: 69606

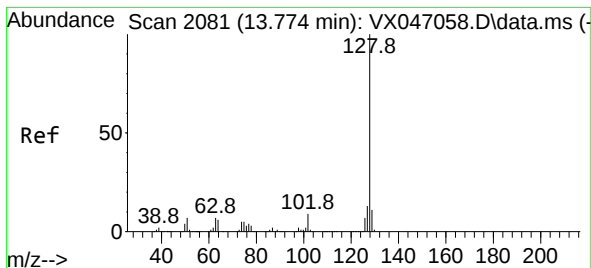
Ion Ratio Lower Upper

225 100

223 63.5 31.6 95.0

227 63.3 32.9 98.6





#95

Naphthalene

Concen: 48.584 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

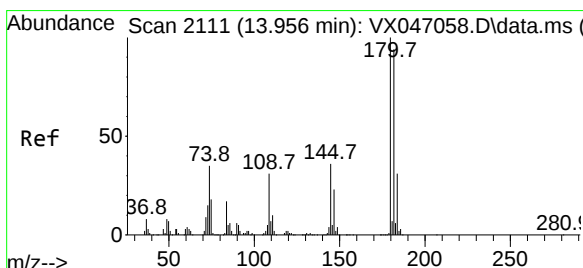
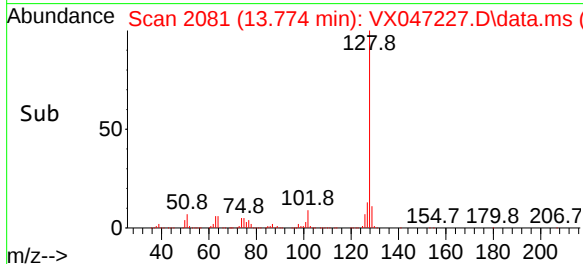
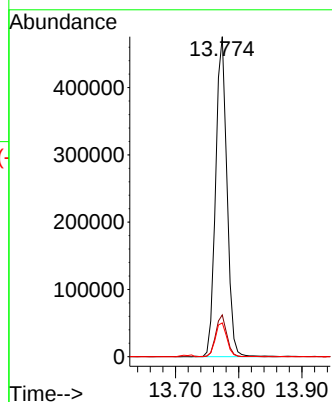
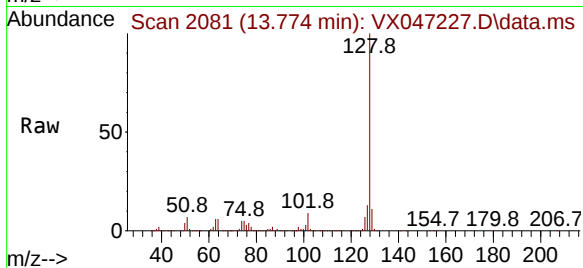
Tgt Ion:128 Resp: 589946

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.780 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Tgt Ion:180 Resp: 190659

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.6

145 34.3 17.3 52.0

