

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047284.D
 Acq On : 12 Aug 2025 09:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 13 01:14:58 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	222209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	370615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	329997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	165820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129559	46.806	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.620%
35) Dibromofluoromethane	5.385	113	117517	51.356	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.720%
50) Toluene-d8	8.647	98	328825	44.372	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.740%#
62) 4-Bromofluorobenzene	11.079	95	158071	49.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.185	85	155590	52.715	ug/l	100
3) Chloromethane	1.307	50	137480	47.089	ug/l	99
4) Vinyl Chloride	1.392	62	157861	50.300	ug/l	99
5) Bromomethane	1.624	94	93907	55.083	ug/l	93
6) Chloroethane	1.703	64	93985	45.596	ug/l	98
7) Trichlorofluoromethane	1.904	101	235450	50.312	ug/l	100
8) Diethyl Ether	2.142	74	84117	50.979	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	139422	49.450	ug/l	99
10) Methyl Iodide	2.465	142	233157	81.141	ug/l	98
11) Tert butyl alcohol	2.959	59	83732	259.145	ug/l	96
12) 1,1-Dichloroethene	2.331	96	136776	48.979	ug/l	98
13) Acrolein	2.246	56	206229	346.019	ug/l	98
14) Allyl chloride	2.678	41	244509	48.438	ug/l	98
15) Acrylonitrile	3.075	53	342687	259.583	ug/l	99
16) Acetone	2.386	43	290870	262.311	ug/l	99
17) Carbon Disulfide	2.526	76	386866	47.887	ug/l	99
18) Methyl Acetate	2.709	43	170441	57.839	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	450282	52.982	ug/l	100
20) Methylene Chloride	2.800	84	150032	49.181	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	143173	50.102	ug/l	97
22) Diisopropyl ether	3.764	45	493086	50.807	ug/l	93
23) Vinyl Acetate	3.727	43	2086840	268.090	ug/l	99
24) 1,1-Dichloroethane	3.617	63	262729	48.683	ug/l	99
25) 2-Butanone	4.562	43	386326	239.268	ug/l	99
26) 2,2-Dichloropropane	4.483	77	212515	50.870	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	166093	49.083	ug/l	99
28) Bromochloromethane	4.904	49	126965	51.137	ug/l	99
29) Tetrahydrofuran	5.019	42	247390	237.470	ug/l	99
30) Chloroform	5.099	83	270514	49.242	ug/l	99
31) Cyclohexane	5.477	56	241451	46.661	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	235167	49.285	ug/l	99
36) 1,1-Dichloropropene	5.696	75	186422	47.793	ug/l	100
37) Ethyl Acetate	4.715	43	207345	57.688	ug/l	96
38) Carbon Tetrachloride	5.678	117	204829	49.200	ug/l	98
39) Methylcyclohexane	7.379	83	232810	47.804	ug/l	98
40) Benzene	6.044	78	561481	49.740	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	86875	46.227	ug/l	91
42) 1,2-Dichloroethane	6.092	62	205046	51.566	ug/l	99
43) Isopropyl Acetate	6.342	43	307837	54.939	ug/l	99
44) Trichloroethene	7.129	130	142617	49.268	ug/l	98
45) 1,2-Dichloropropane	7.428	63	143089	50.611	ug/l	98
46) Dibromomethane	7.580	93	104791	52.854	ug/l	99
47) Bromodichloromethane	7.818	83	218872	51.865	ug/l	99
48) Methyl methacrylate	7.690	41	155179	50.837	ug/l	97
49) 1,4-Dioxane	7.671	88	33749	972.087	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	882345	264.926	ug/l	98
52) Toluene	8.714	92	348287	50.178	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	209827	52.654	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	225848	51.782	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	136289	52.358	ug/l	98
56) Ethyl methacrylate	9.116	69	213603	55.430	ug/l	99
57) 1,3-Dichloropropane	9.305	76	233683	51.654	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	507700	236.756	ug/l	99
59) 2-Hexanone	9.427	43	616087	279.986	ug/l	100
60) Dibromochloromethane	9.519	129	163831	53.664	ug/l	100
61) 1,2-Dibromoethane	9.610	107	140997	51.802	ug/l	99
64) Tetrachloroethene	9.275	164	116103	48.805	ug/l	97
65) Chlorobenzene	10.073	112	384598	49.749	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	135093	51.903	ug/l	99
67) Ethyl Benzene	10.189	91	678292	50.181	ug/l	99
68) m/p-Xylenes	10.299	106	507852	100.400	ug/l	99
69) o-Xylene	10.640	106	244621	50.835	ug/l	99
70) Styrene	10.653	104	425811	51.604	ug/l	99
71) Bromoform	10.799	173	105702	53.462	ug/l #	97
73) Isopropylbenzene	10.957	105	634683	48.515	ug/l	99
74) N-amyl acetate	10.842	43	274324	51.971	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	189270	50.649	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	188422	61.390	ug/l	84
77) Bromobenzene	11.195	156	155095	49.428	ug/l	99
78) n-propylbenzene	11.299	91	754576	48.268	ug/l	100
79) 2-Chlorotoluene	11.360	91	451205	48.283	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	523346	48.423	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	39232	32.932	ug/l	97
82) 4-Chlorotoluene	11.451	91	529783	48.570	ug/l	99
83) tert-Butylbenzene	11.713	119	526971	48.579	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	530631	49.223	ug/l	100
85) sec-Butylbenzene	11.890	105	641966	47.364	ug/l	100
86) p-Isopropyltoluene	12.006	119	536874	47.765	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	289704	48.591	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	291463	48.252	ug/l	98
89) n-Butylbenzene	12.329	91	496208	47.076	ug/l	99
90) Hexachloroethane	12.536	117	99243	49.356	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	279057	48.972	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38332	53.439	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	185818	49.356	ug/l	99
94) Hexachlorobutadiene	13.719	225	59948	46.820	ug/l	99
95) Naphthalene	13.774	128	563399	51.047	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	174714	48.170	ug/l	99

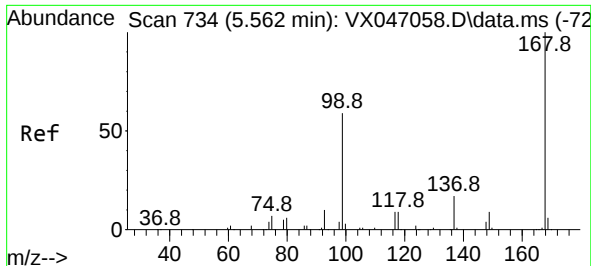
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
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Response via : Initial Calibration

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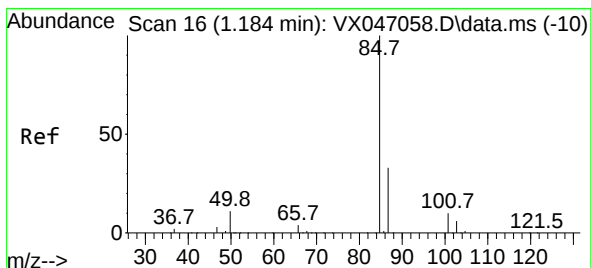
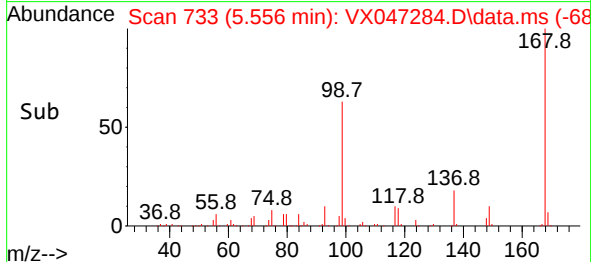
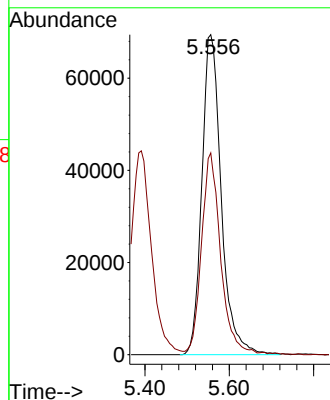
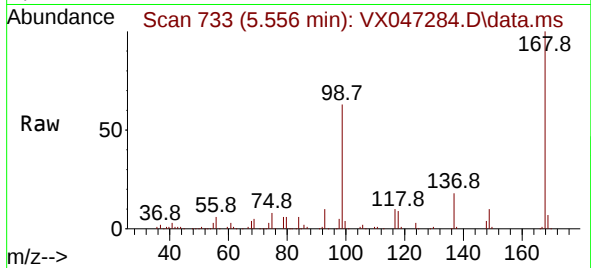
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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Acq: 12 Aug 2025 09:53

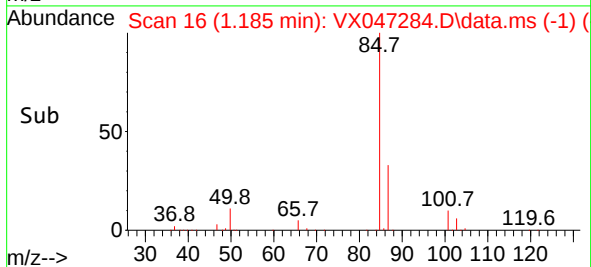
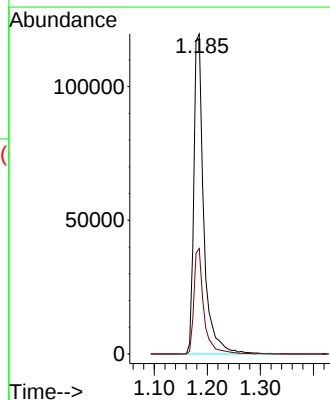
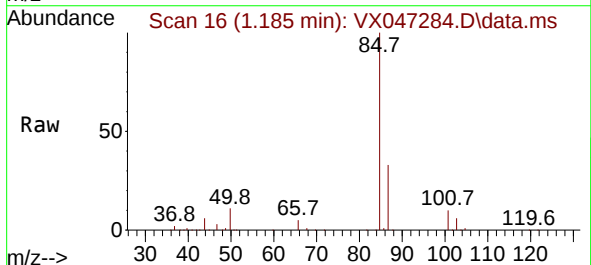
Instrument :
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VSTDCCC050

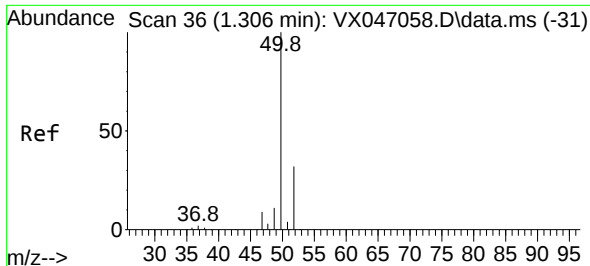
Tgt Ion:168 Resp: 222209
Ion Ratio Lower Upper
168 100
99 62.8 48.0 72.0



#2
Dichlorodifluoromethane
Concen: 52.715 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 85 Resp: 155590
Ion Ratio Lower Upper
85 100
87 33.0 16.6 49.8

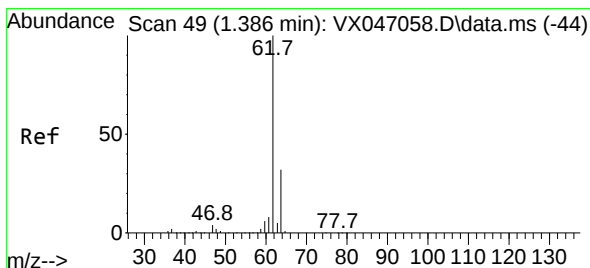
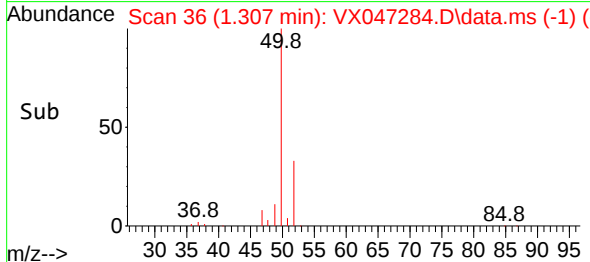
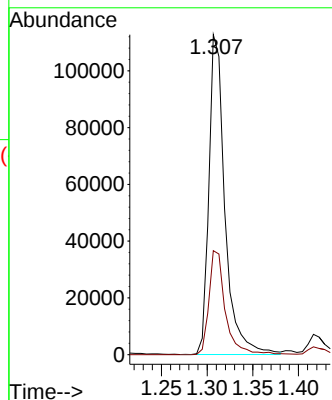
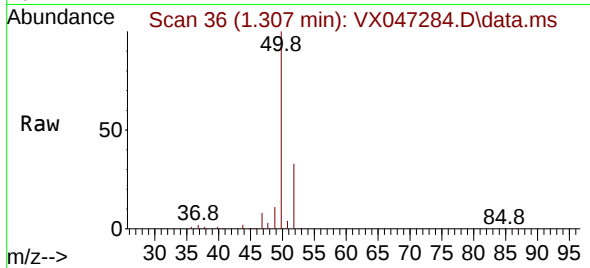




#3
Chloromethane
Concen: 47.089 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

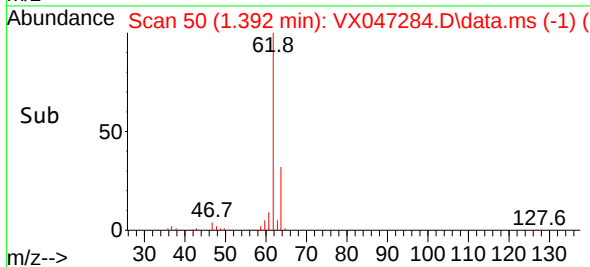
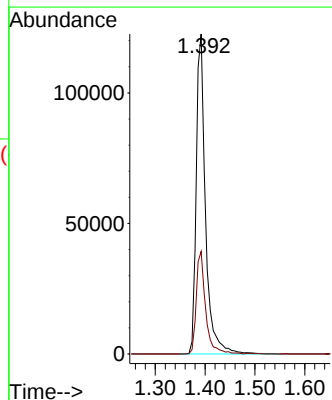
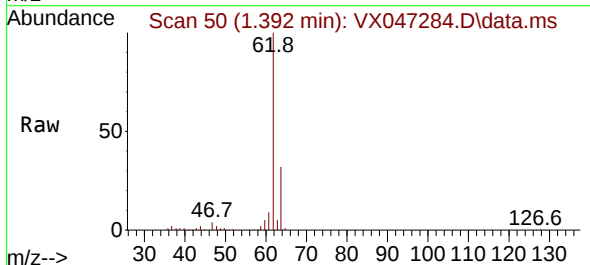
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 137480
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2



#4
Vinyl Chloride
Concen: 50.300 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 62 Resp: 157861
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8

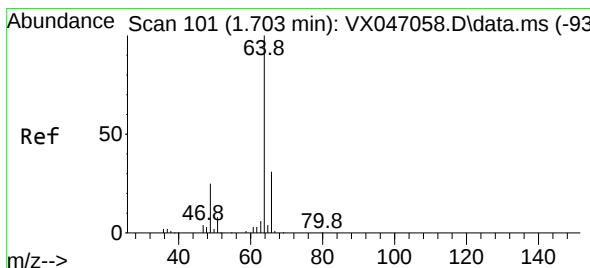
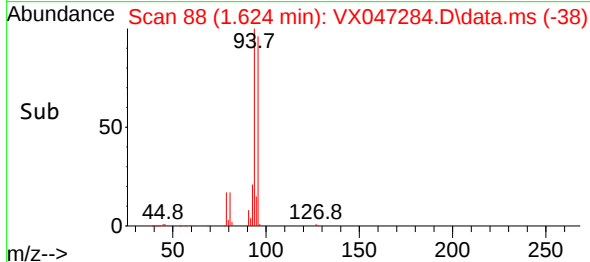
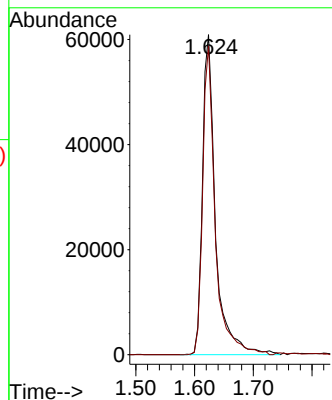
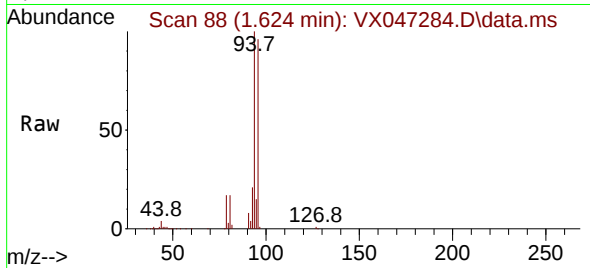




#5
Bromomethane
Concen: 55.083 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

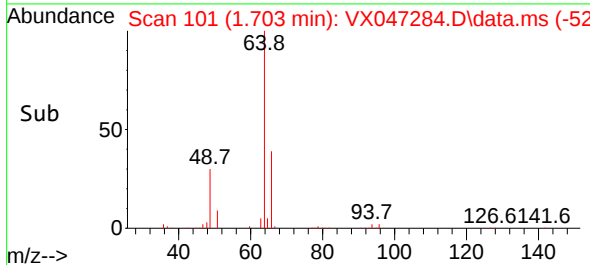
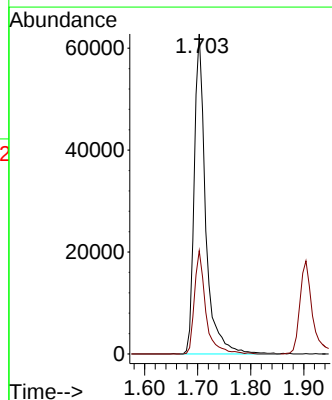
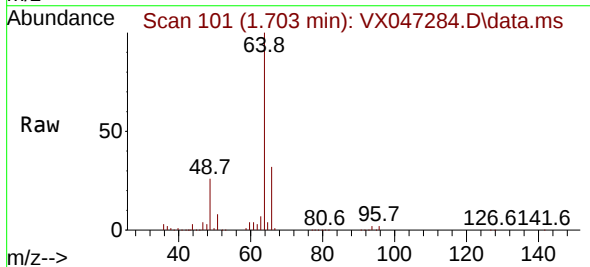
Instrument :
MSVOA_X
ClientSampleId :
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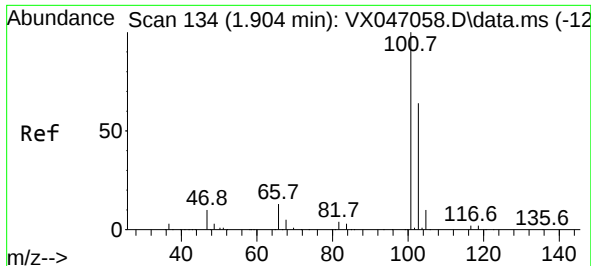
Tgt Ion: 94 Resp: 93907
Ion Ratio Lower Upper
94 100
96 97.4 72.3 108.5



#6
Chloroethane
Concen: 45.596 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 64 Resp: 93985
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.6

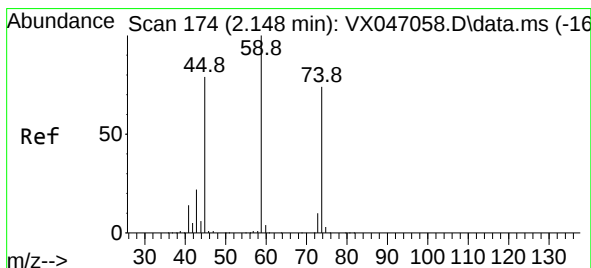
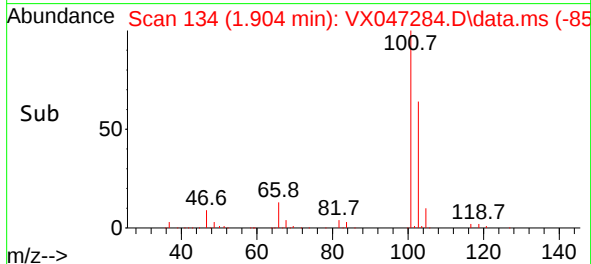
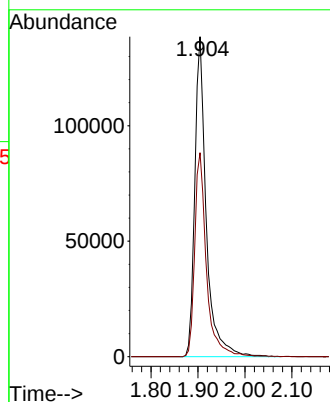
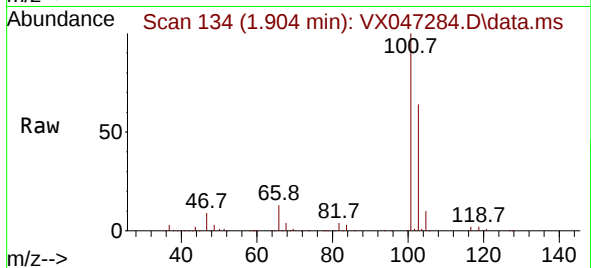




#7
 Trichlorofluoromethane
 Concen: 50.312 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047284.D
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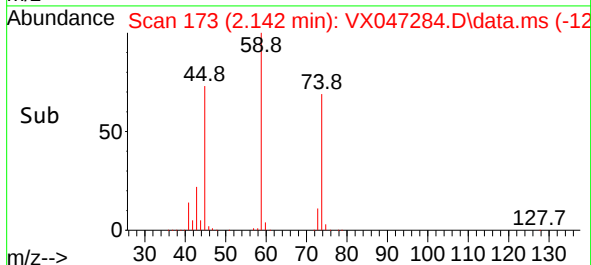
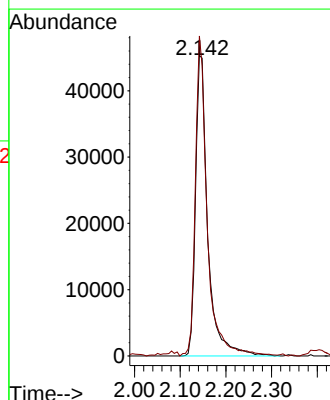
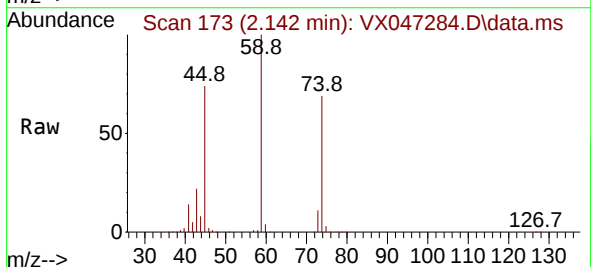
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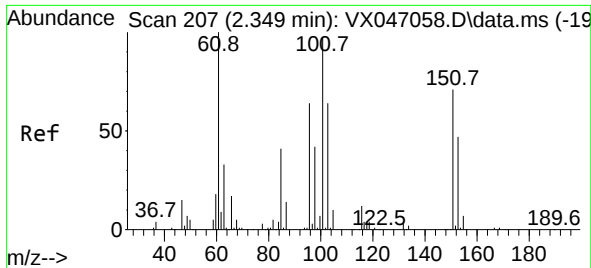
Tgt Ion:101 Resp: 235450
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.9 76.3



#8
 Diethyl Ether
 Concen: 50.979 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

Tgt Ion: 74 Resp: 84117
 Ion Ratio Lower Upper
 74 100
 45 103.5 53.0 159.0

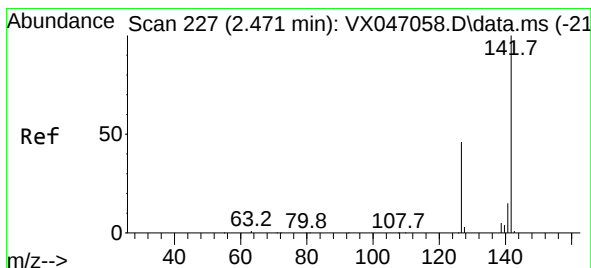
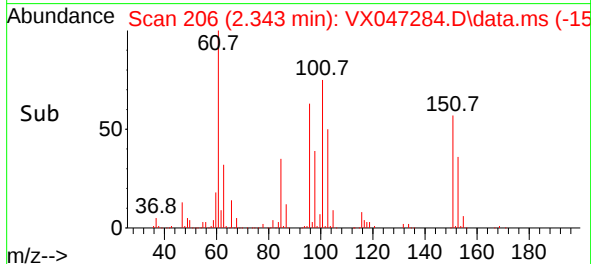
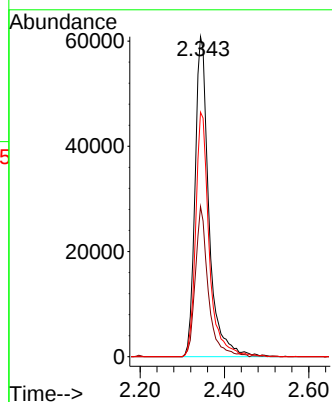
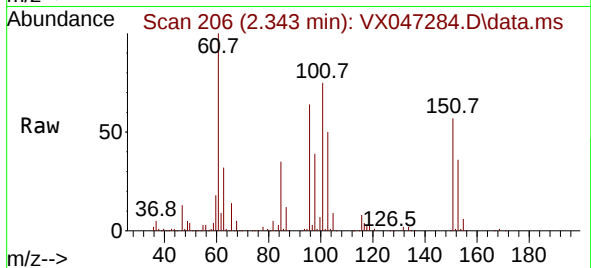




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.450 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047284.D
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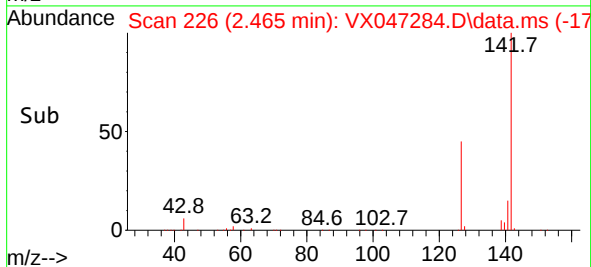
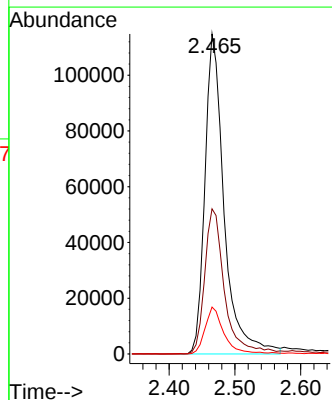
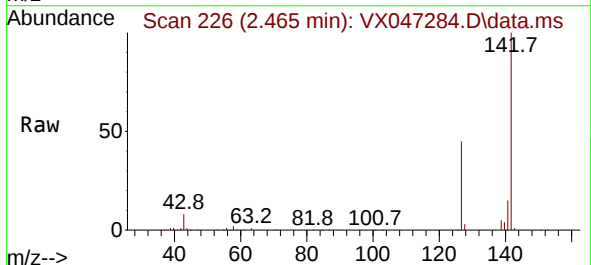
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

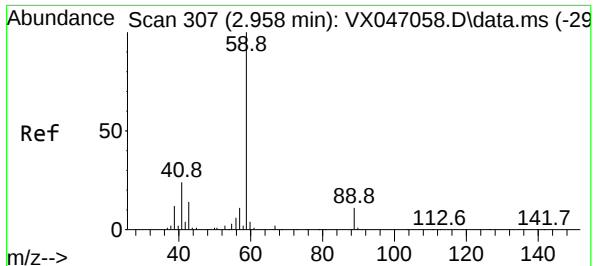
Tgt Ion:101 Resp: 139422
Ion Ratio Lower Upper
101 100
85 43.7 35.4 53.0
151 74.7 59.2 88.8



#10
Methyl Iodide
Concen: 81.141 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion:142 Resp: 233157
Ion Ratio Lower Upper
142 100
127 47.1 36.6 54.8
141 14.3 10.9 16.3

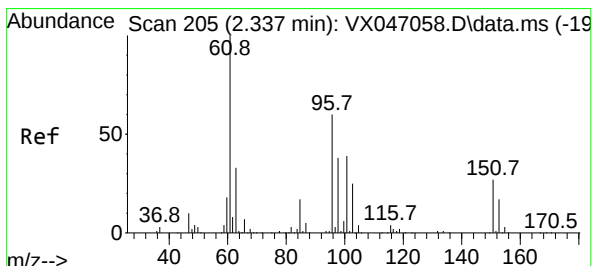
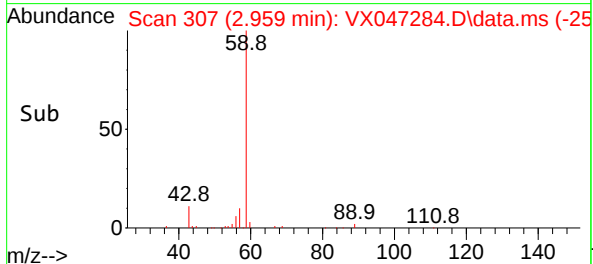
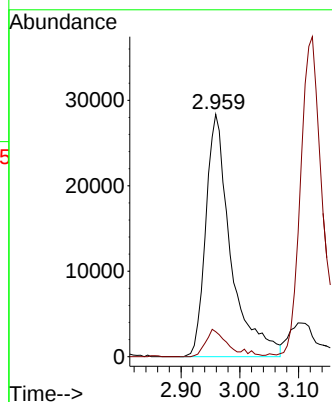
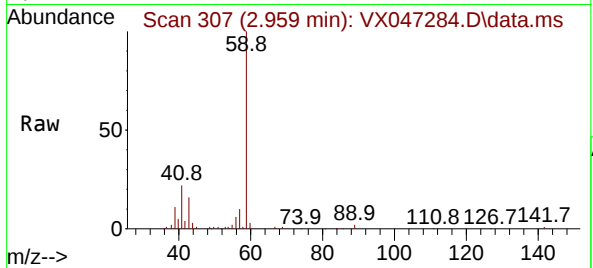




#11
Tert butyl alcohol
Concen: 259.145 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

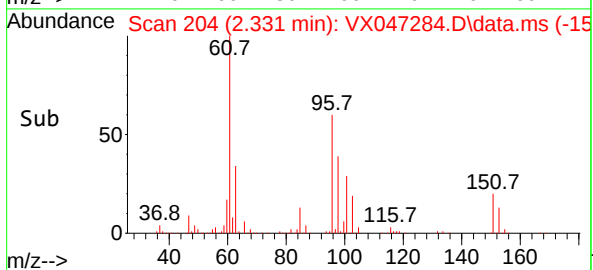
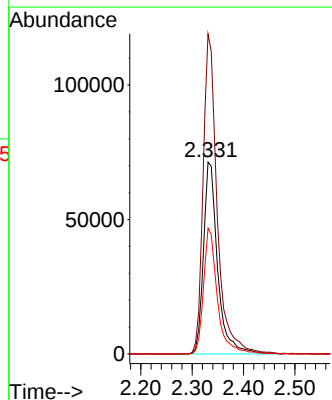
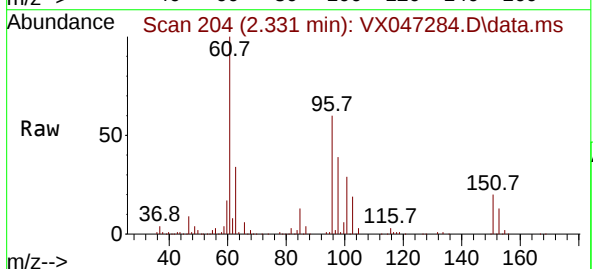
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

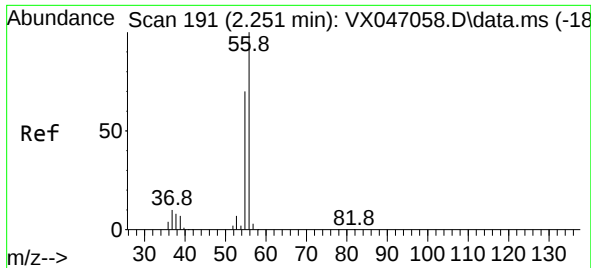
Tgt Ion: 59 Resp: 83732
Ion Ratio Lower Upper
59 100
57 9.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.979 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 96 Resp: 136776
Ion Ratio Lower Upper
96 100
61 166.8 132.6 198.8
98 67.1 50.2 75.4

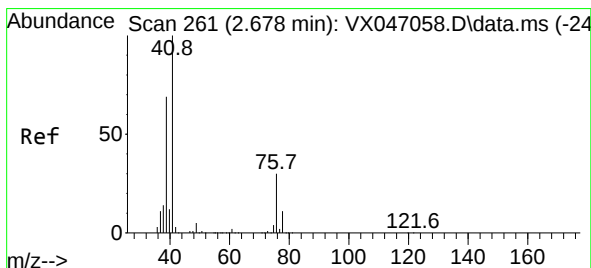
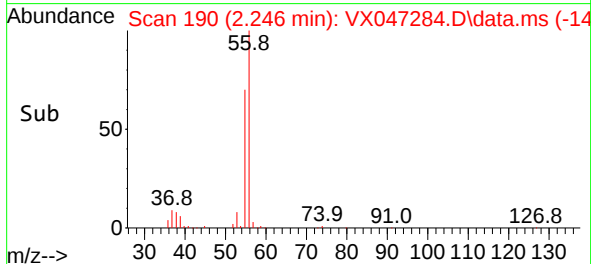
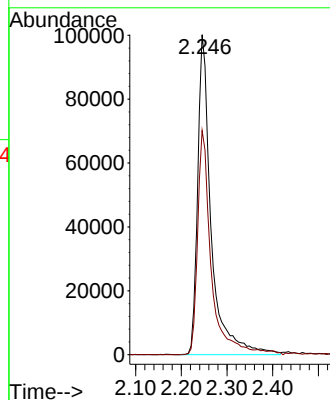
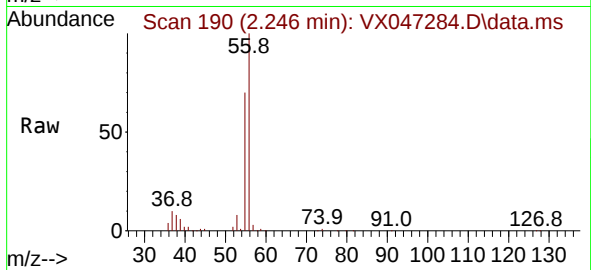




#13
Acrolein
Concen: 346.019 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

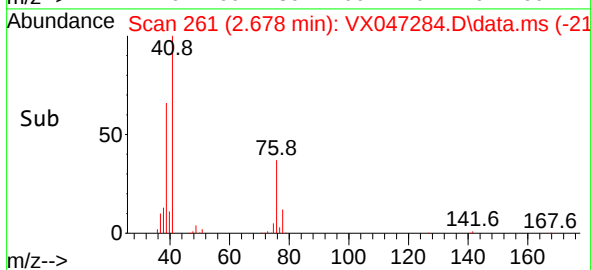
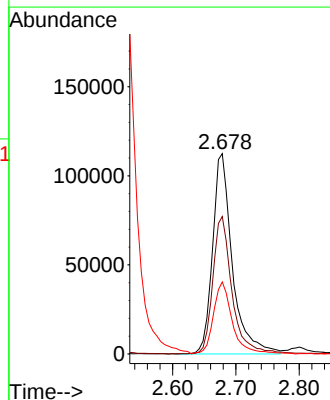
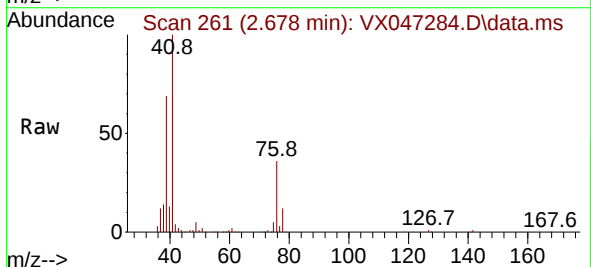
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

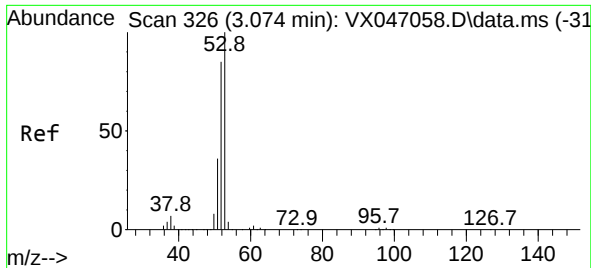
Tgt Ion: 56 Resp: 206229
Ion Ratio Lower Upper
56 100
55 70.9 55.7 83.5



#14
Allyl chloride
Concen: 48.438 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 41 Resp: 244509
Ion Ratio Lower Upper
41 100
39 67.1 52.6 78.8
76 34.3 25.7 38.5





#15

Acrylonitrile

Concen: 259.583 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.001 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

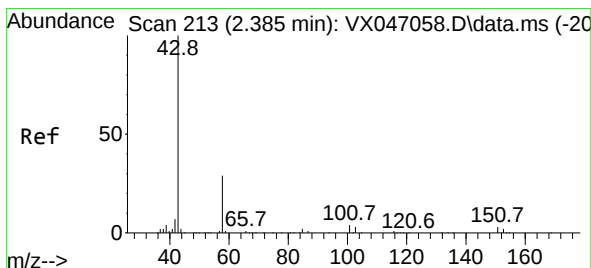
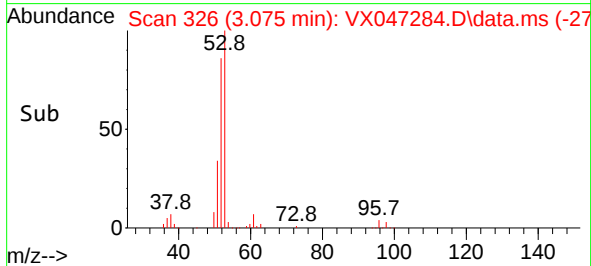
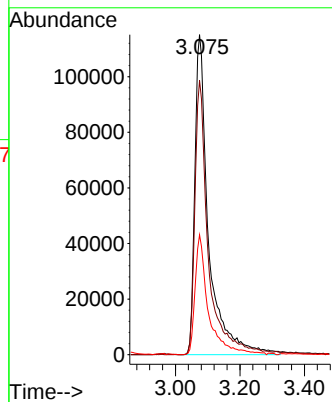
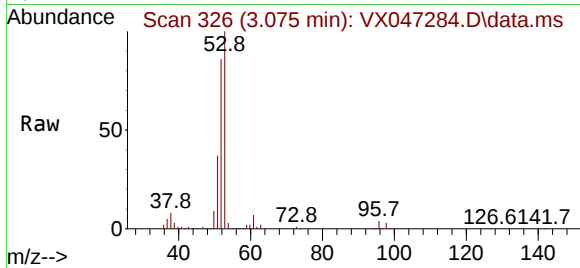
Tgt Ion: 53 Resp: 342687

Ion Ratio Lower Upper

53 100

52 83.2 65.7 98.5

51 36.3 28.8 43.2



#16

Acetone

Concen: 262.311 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX047284.D

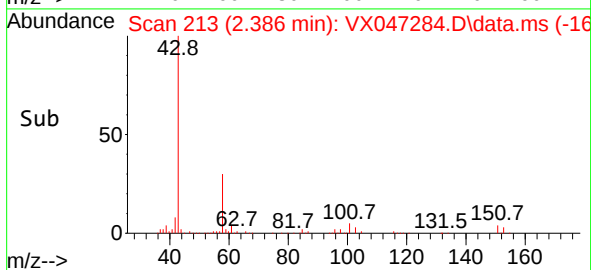
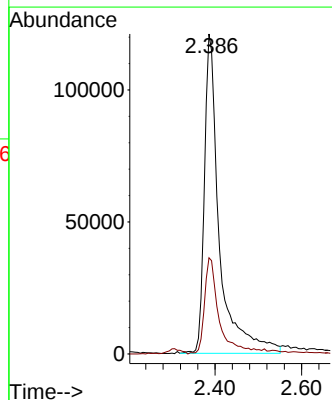
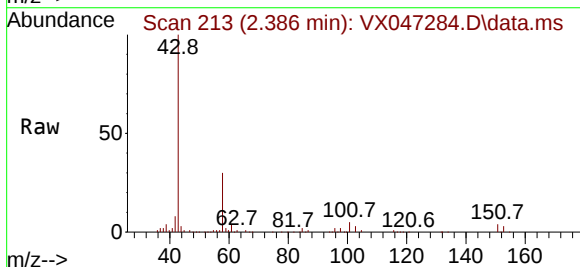
Acq: 12 Aug 2025 09:53

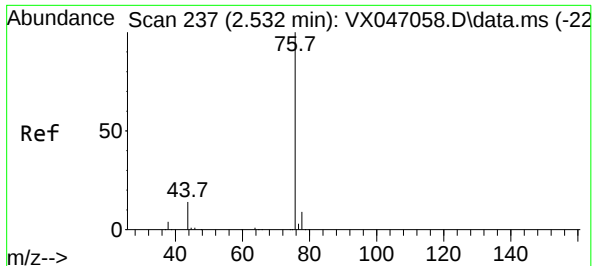
Tgt Ion: 43 Resp: 290870

Ion Ratio Lower Upper

43 100

58 29.7 24.0 36.0

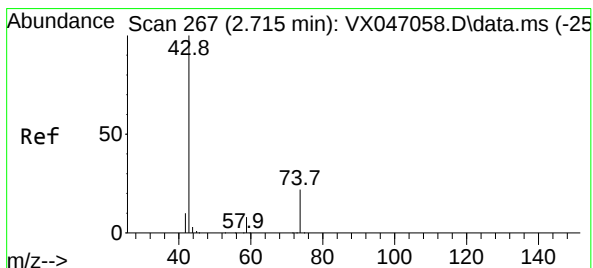
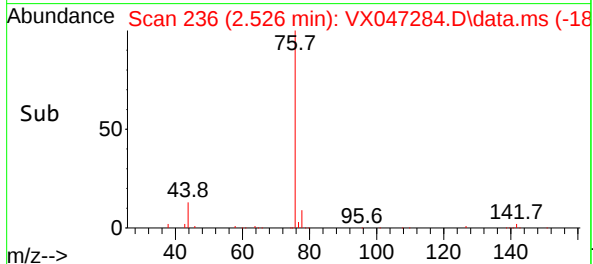
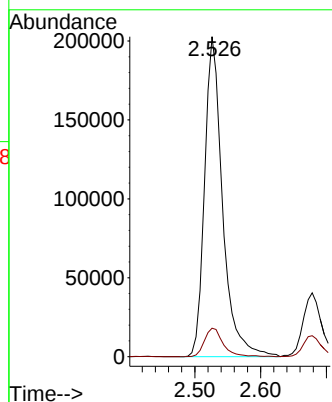
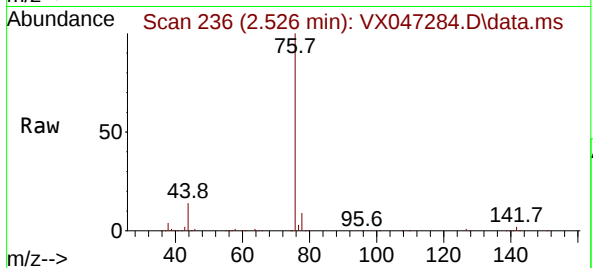




#17
Carbon Disulfide
Concen: 47.887 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

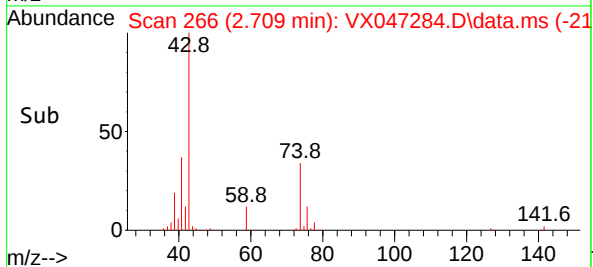
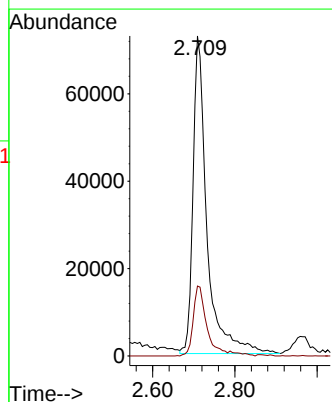
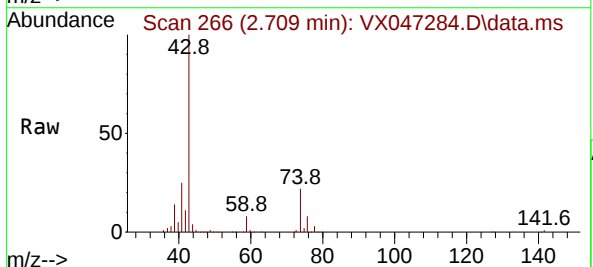
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

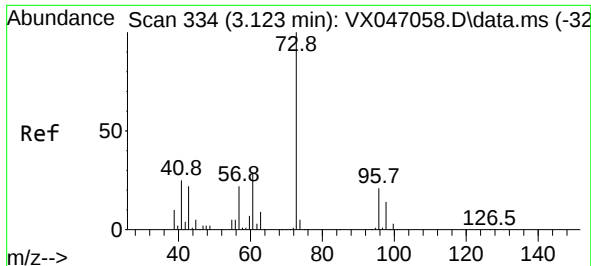
Tgt Ion: 76 Resp: 386866
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 57.839 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 43 Resp: 170441
Ion Ratio Lower Upper
43 100
74 21.1 17.7 26.5

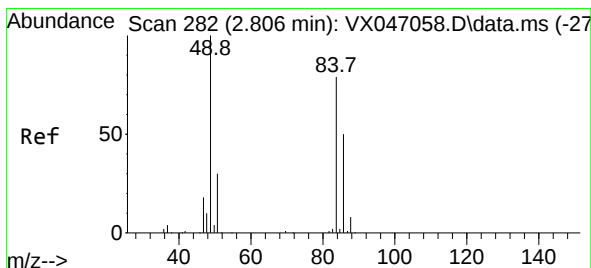
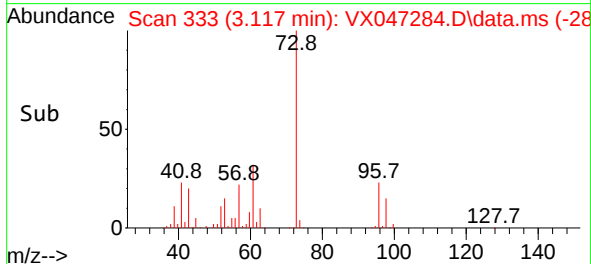
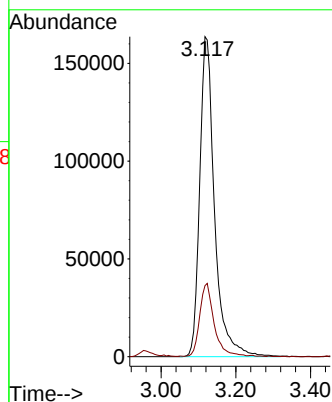
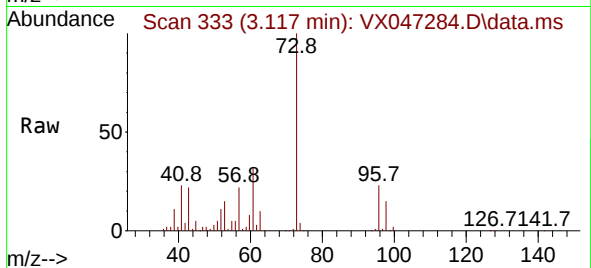




#19
Methyl tert-butyl Ether
Concen: 52.982 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

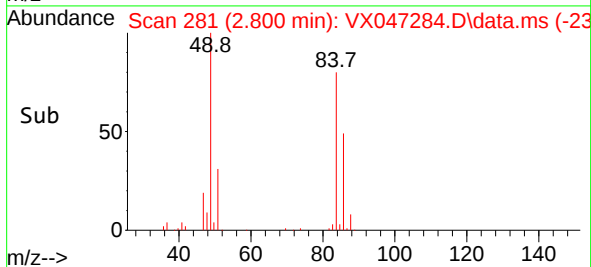
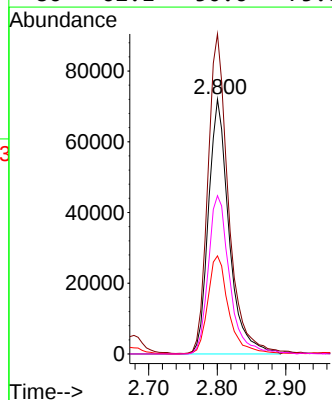
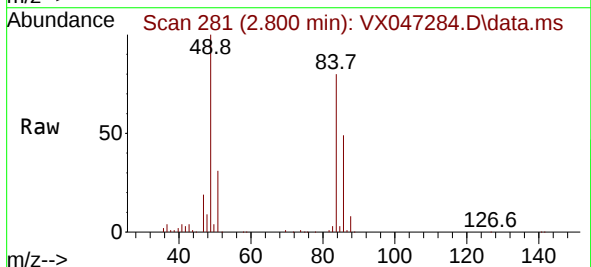
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

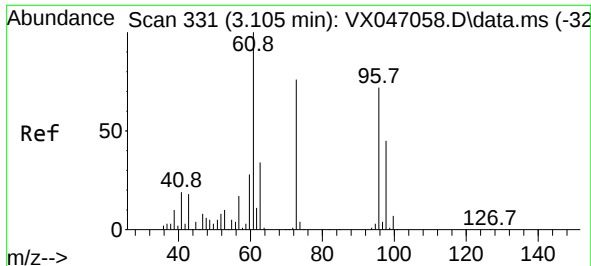
Tgt Ion: 73 Resp: 450282
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 49.181 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 84 Resp: 150032
Ion Ratio Lower Upper
84 100
49 125.4 101.6 152.4
51 38.5 30.3 45.5
86 62.1 50.6 75.8

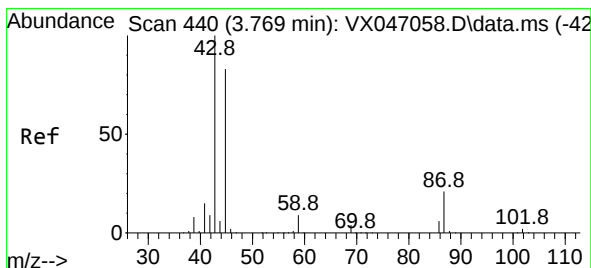
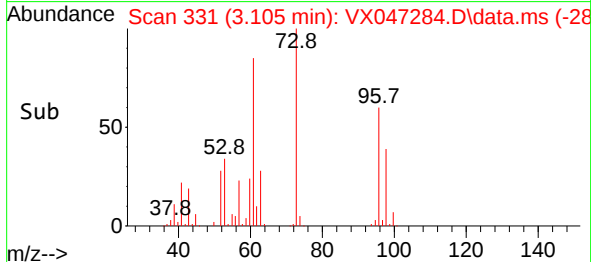
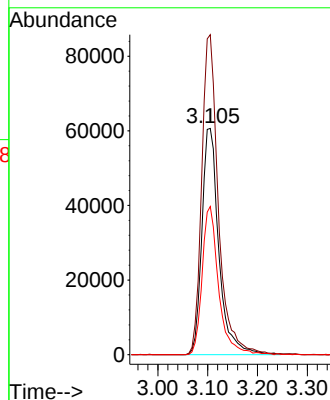
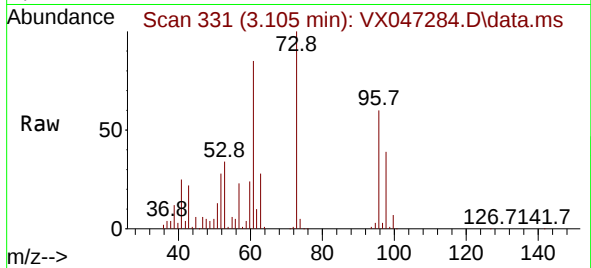




#21
trans-1,2-Dichloroethene
Concen: 50.102 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

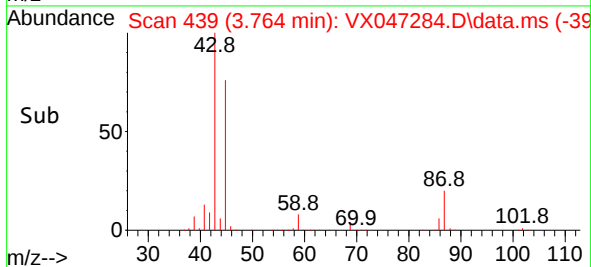
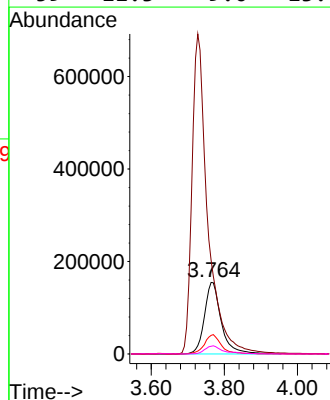
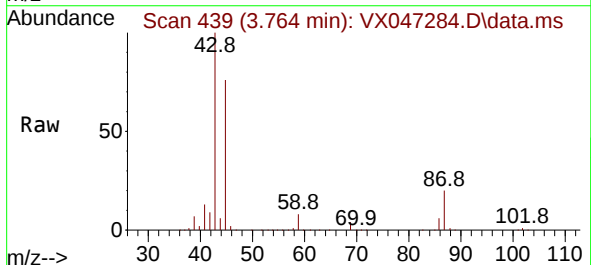
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

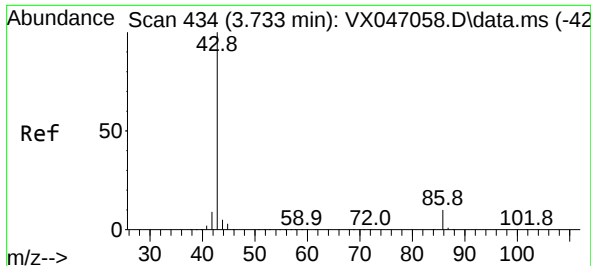
Tgt Ion: 96 Resp: 143173
Ion Ratio Lower Upper
96 100
61 141.4 111.1 166.7
98 65.5 49.6 74.4



#22
Diisopropyl ether
Concen: 50.807 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 45 Resp: 493086
Ion Ratio Lower Upper
45 100
43 130.8 96.8 145.2
87 26.0 20.5 30.7
59 11.3 9.0 13.4

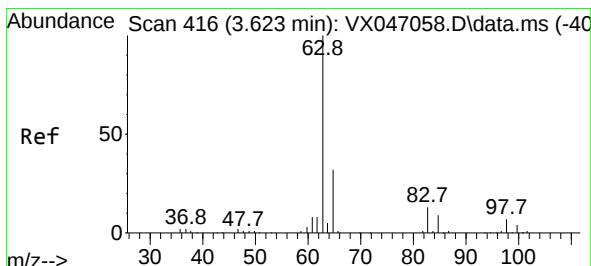
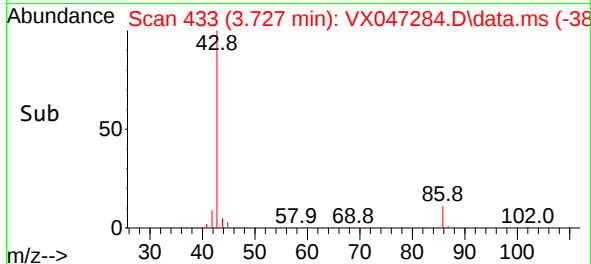
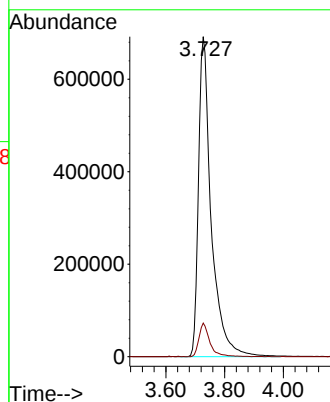
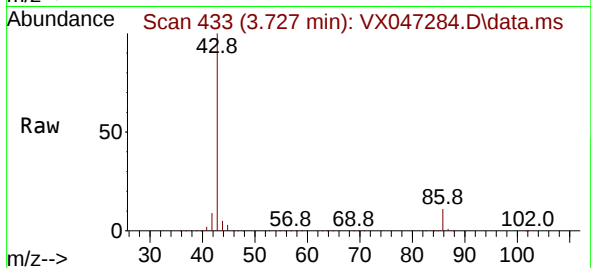




#23
 Vinyl Acetate
 Concen: 268.090 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

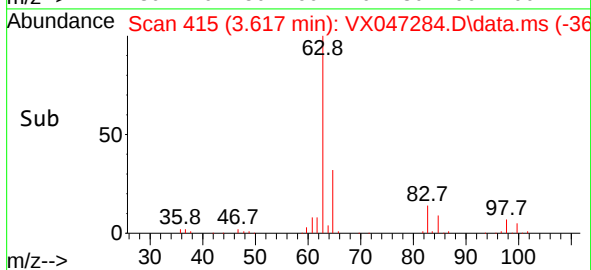
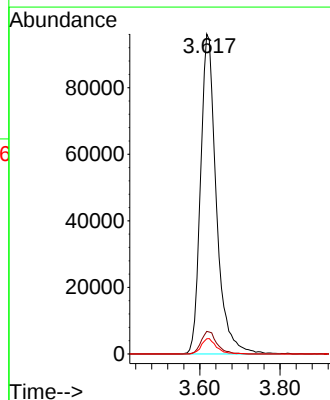
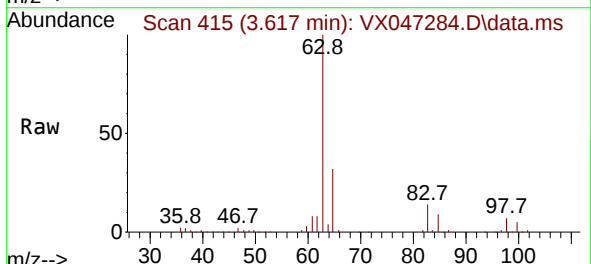
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

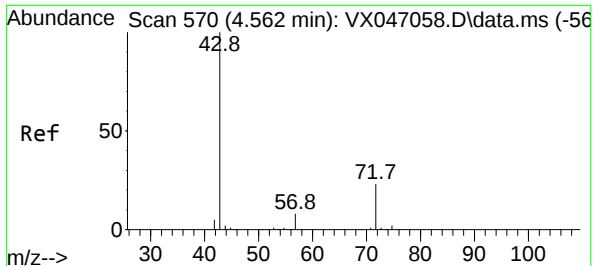
Tgt Ion: 43 Resp: 2086840
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 48.683 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

Tgt Ion: 63 Resp: 262729
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.9 2.3 6.8

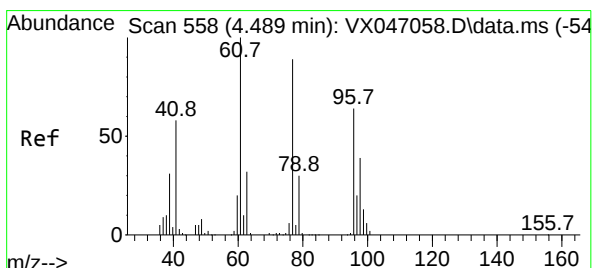
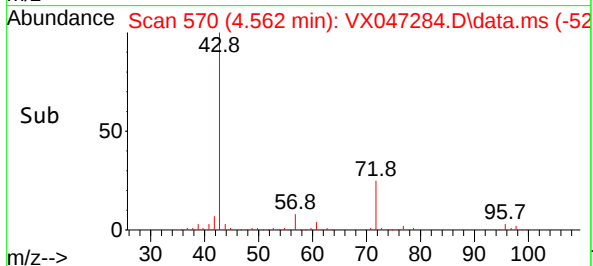
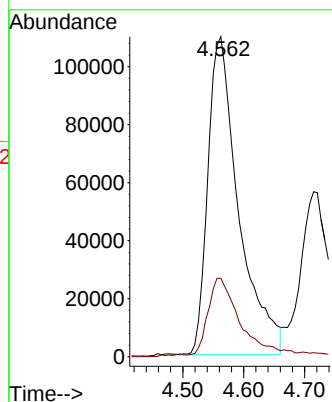
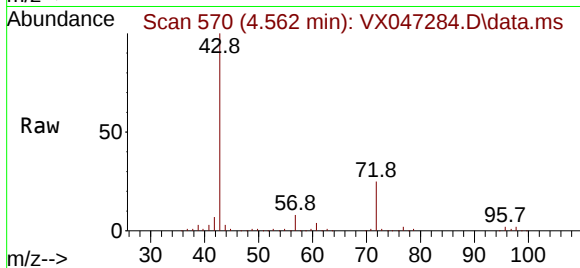




#25
2-Butanone
Concen: 239.268 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

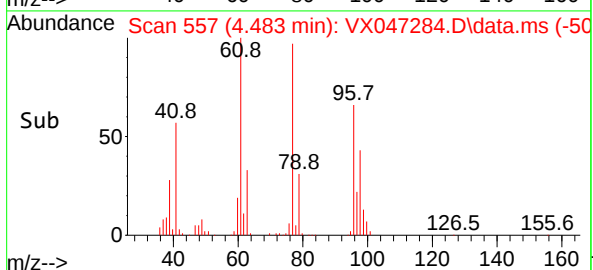
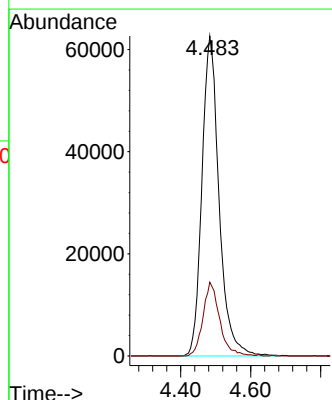
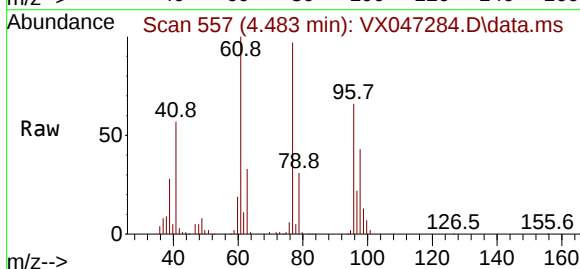
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

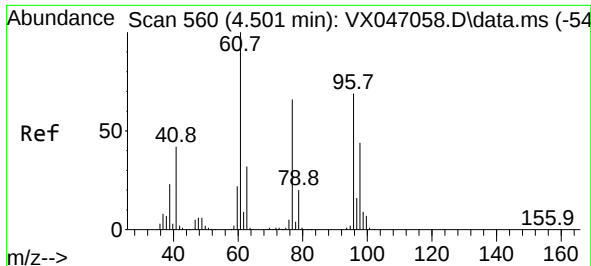
Tgt Ion: 43 Resp: 386326
Ion Ratio Lower Upper
43 100
72 23.8 18.8 28.2



#26
2,2-Dichloropropane
Concen: 50.870 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 77 Resp: 212515
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.083 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

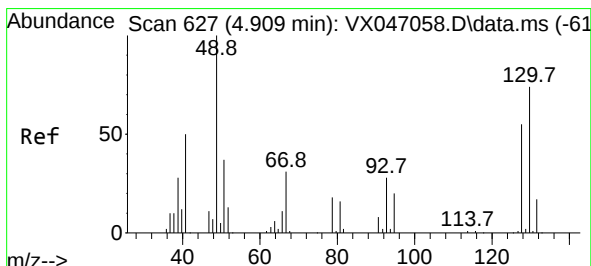
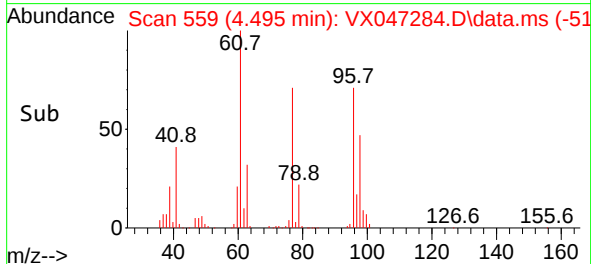
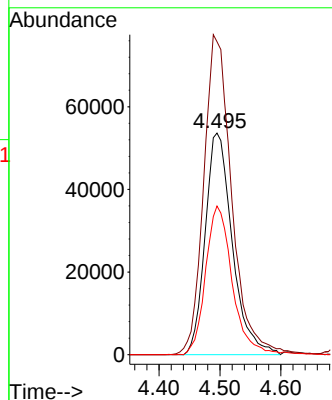
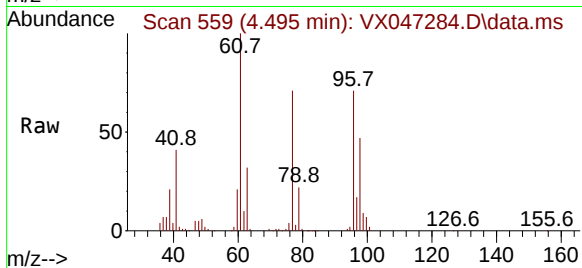
Tgt Ion: 96 Resp: 166093

Ion Ratio Lower Upper

96 100

61 149.1 0.0 298.6

98 66.4 0.0 128.8



#28

Bromochloromethane

Concen: 51.137 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

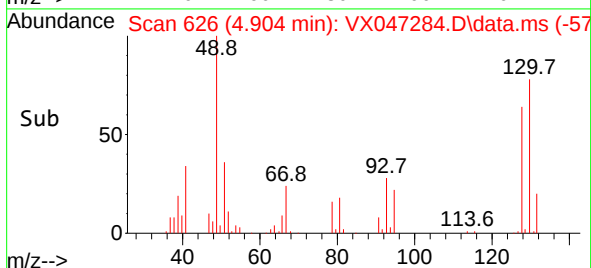
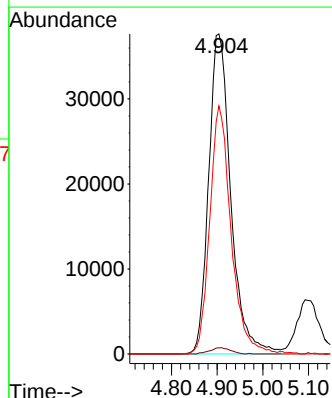
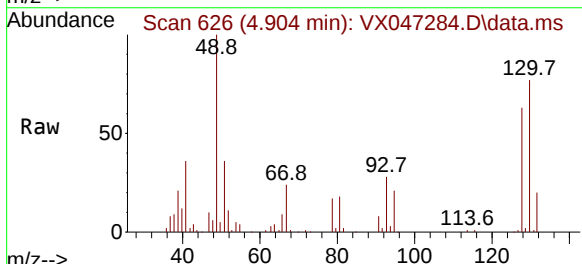
Tgt Ion: 49 Resp: 126965

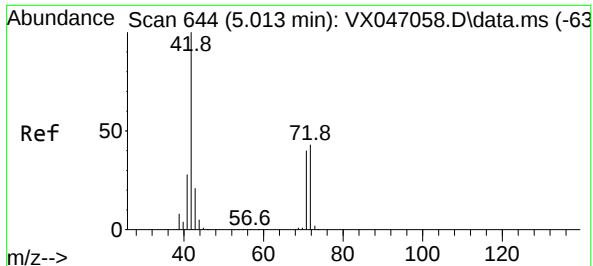
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 74.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 237.470 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.007 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

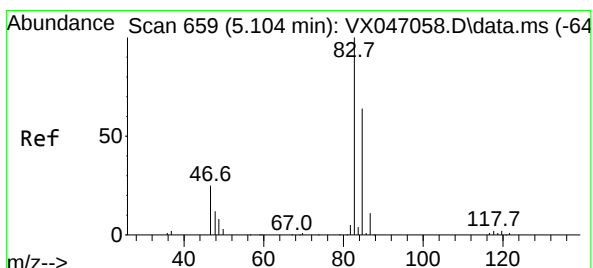
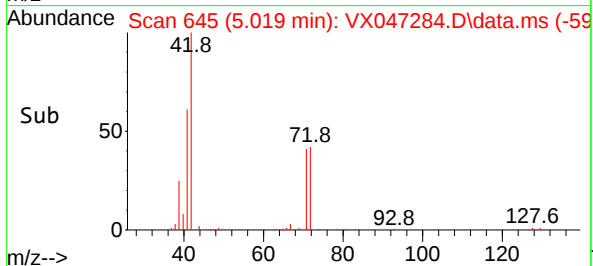
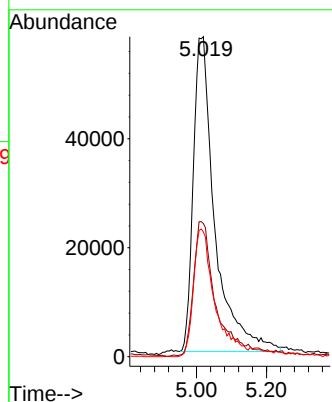
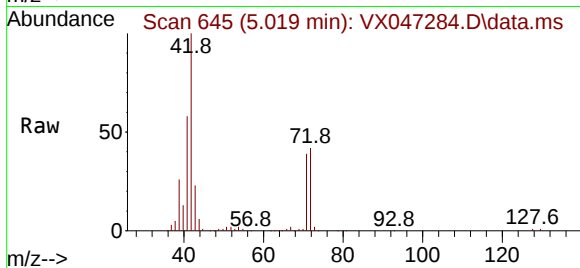
Tgt Ion: 42 Resp: 247390

Ion Ratio Lower Upper

42 100

72 42.6 33.7 50.5

71 39.9 31.0 46.4



#30

Chloroform

Concen: 49.242 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047284.D

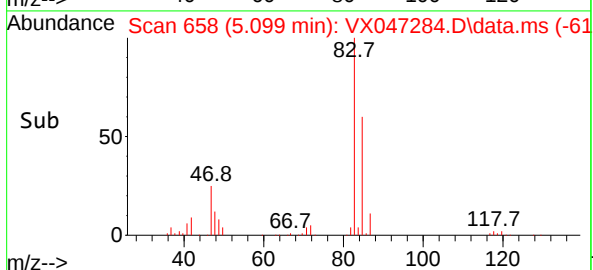
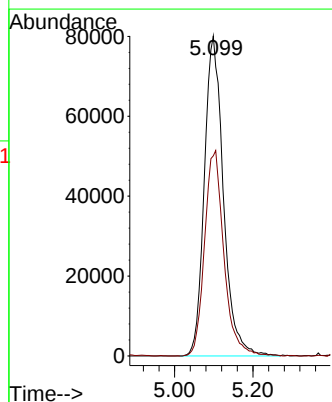
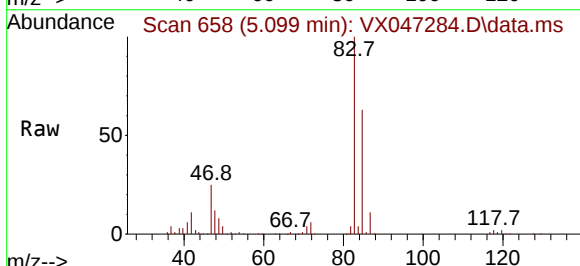
Acq: 12 Aug 2025 09:53

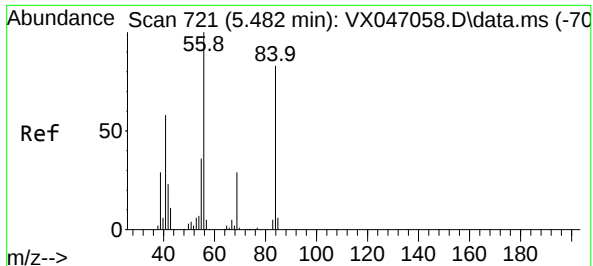
Tgt Ion: 83 Resp: 270514

Ion Ratio Lower Upper

83 100

85 62.5 50.9 76.3

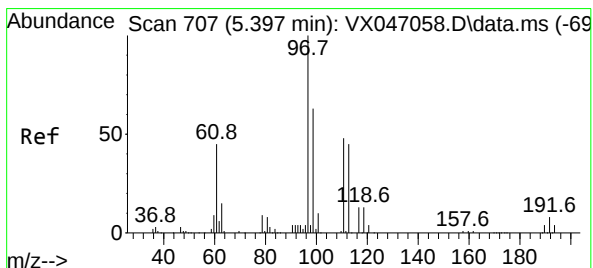
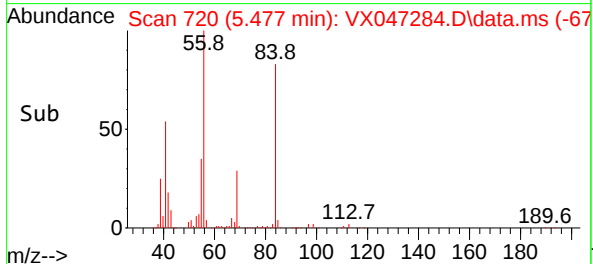
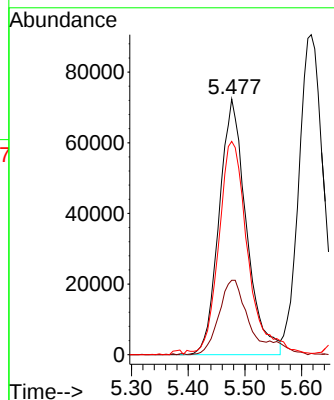
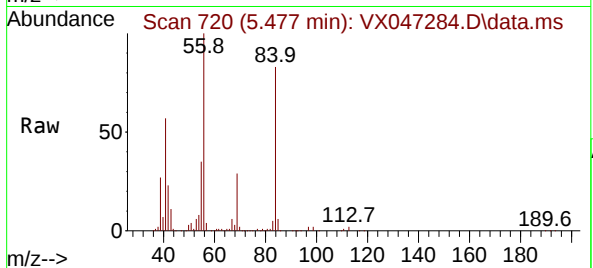




#31
Cyclohexane
Concen: 46.661 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

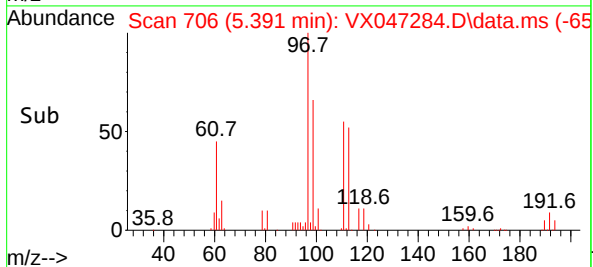
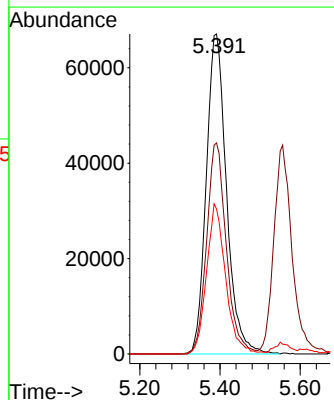
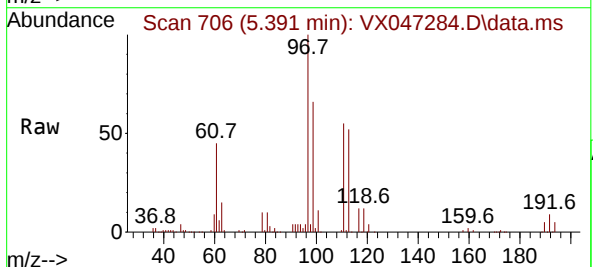
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

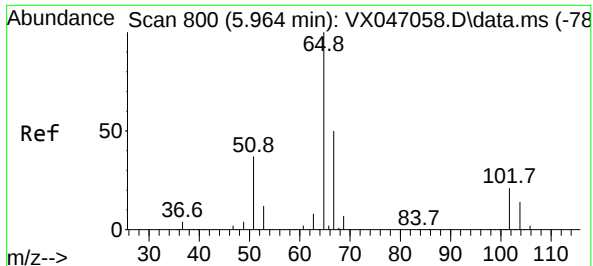
Tgt Ion: 56 Resp: 241451
Ion Ratio Lower Upper
56 100
69 28.8 23.3 34.9
84 81.7 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 49.285 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 97 Resp: 235167
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 44.5 37.1 55.7

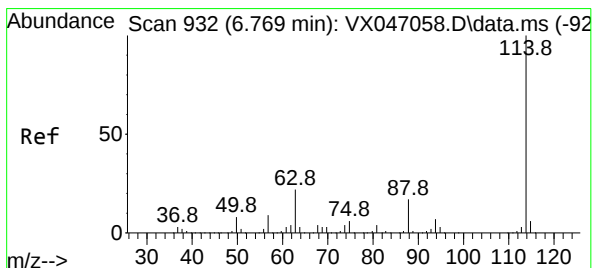
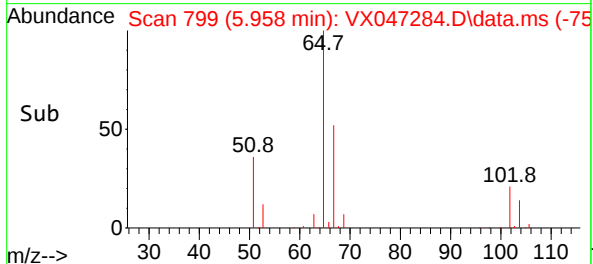
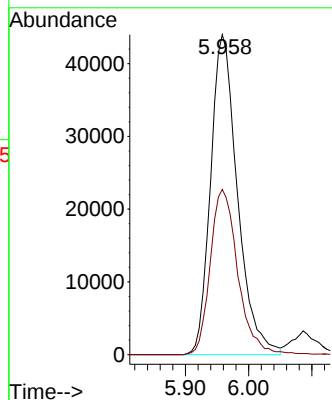
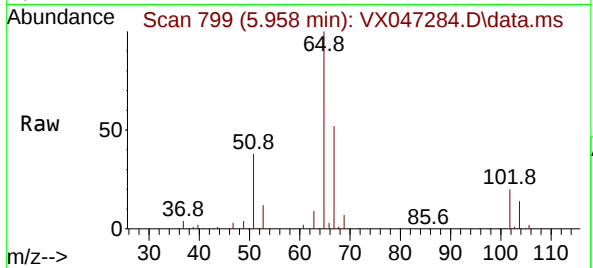




#33
 1,2-Dichloroethane-d4
 Concen: 46.806 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

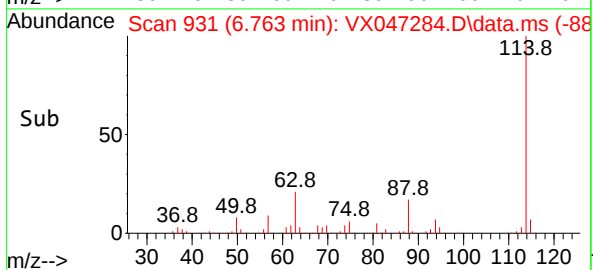
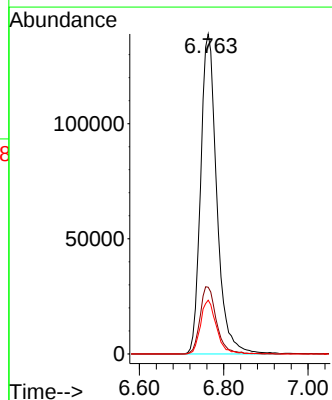
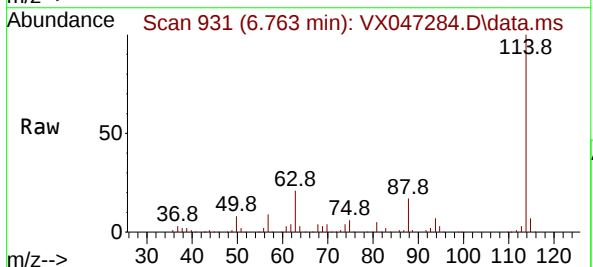
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

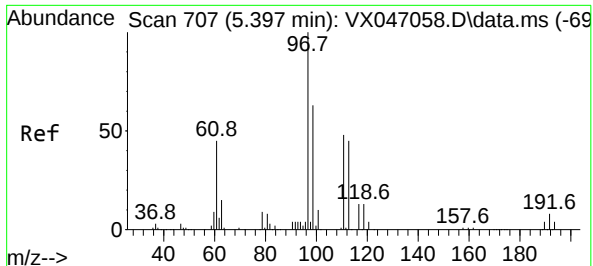
Tgt Ion: 65 Resp: 129559
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

Tgt Ion: 114 Resp: 370615
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 16.8 0.0 33.8

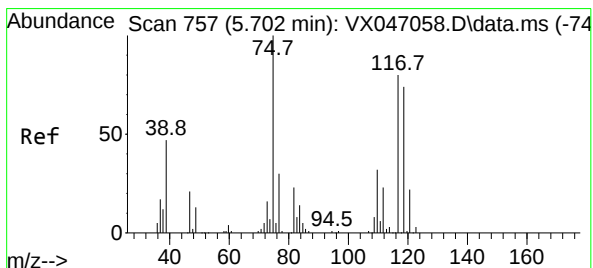
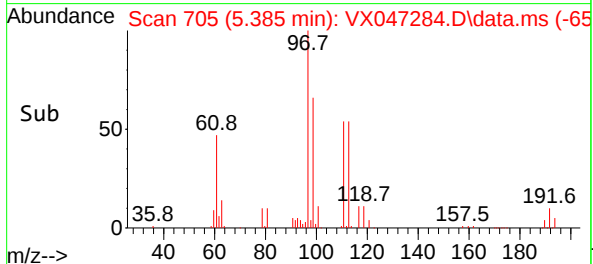
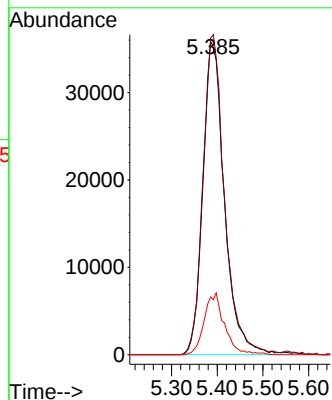
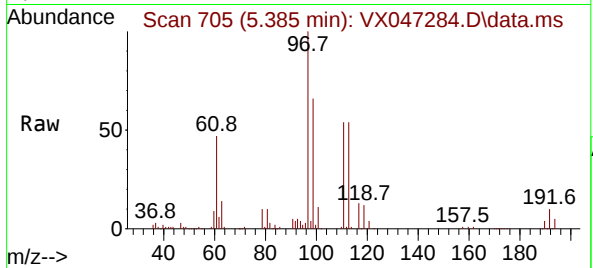




#35
Dibromofluoromethane
Concen: 51.356 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

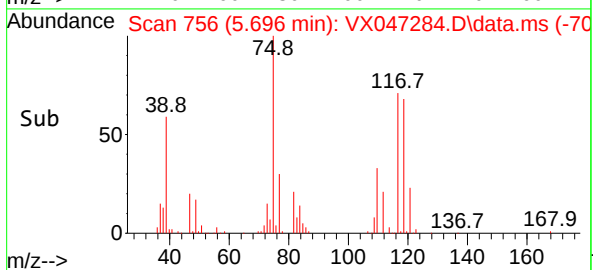
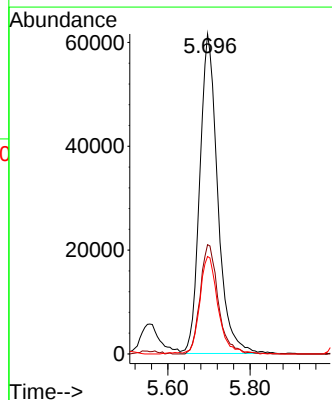
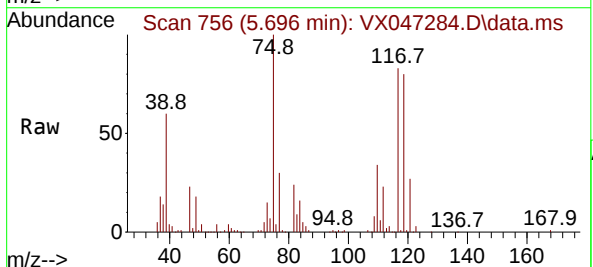
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

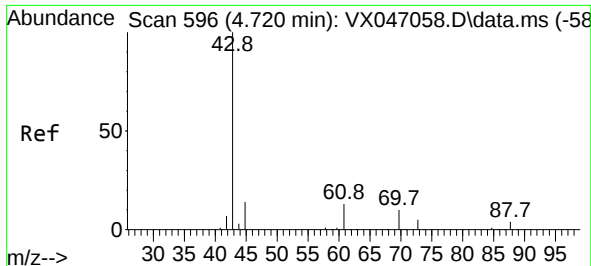
Tgt Ion:113 Resp: 117517
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 18.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 47.793 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 75 Resp: 186422
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.5
77 31.0 25.1 37.7

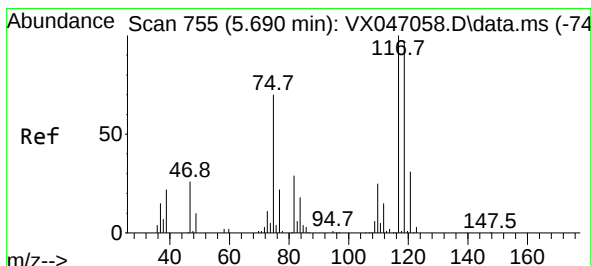
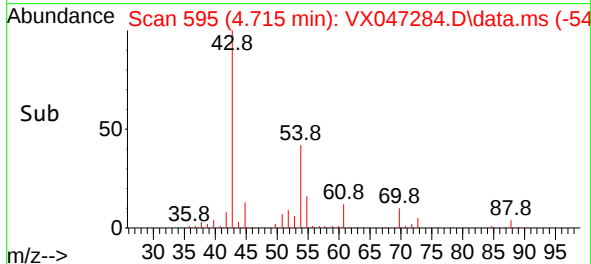
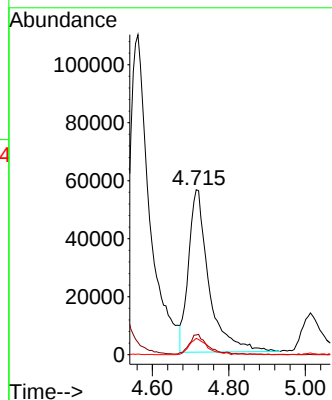
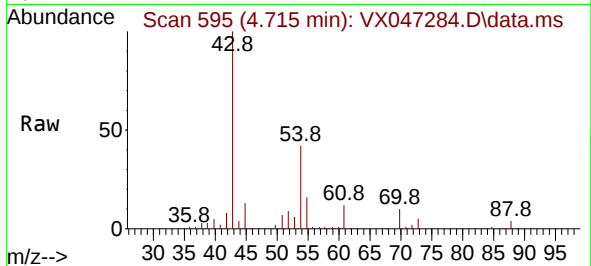




#37
Ethyl Acetate
Concen: 57.688 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

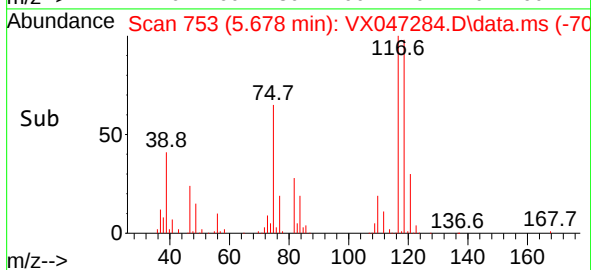
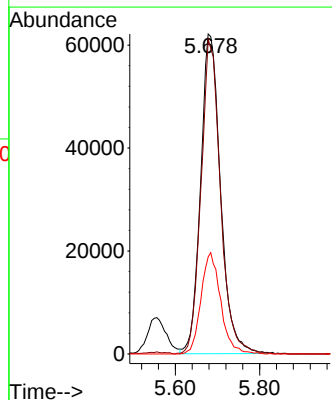
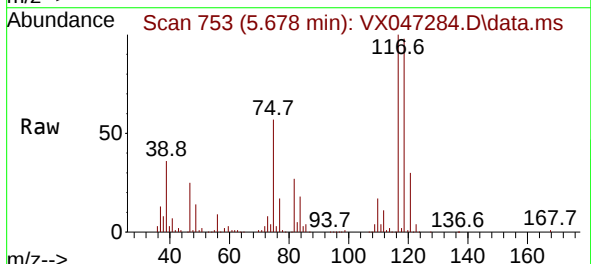
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

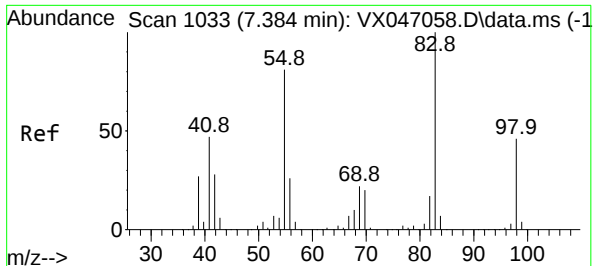
Tgt Ion: 43 Resp: 207345
Ion Ratio Lower Upper
43 100
61 11.1 10.2 15.2
70 9.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.200 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 117 Resp: 204829
Ion Ratio Lower Upper
117 100
119 98.4 76.6 115.0
121 30.4 24.4 36.6





#39

Methylcyclohexane

Concen: 47.804 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

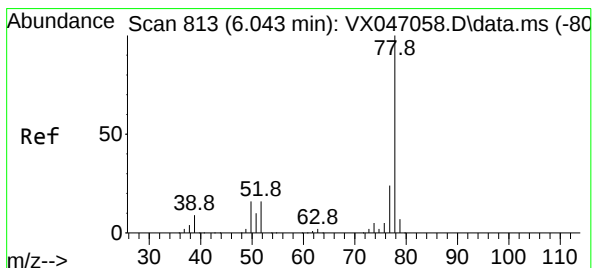
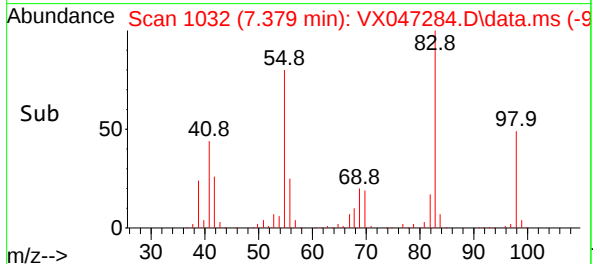
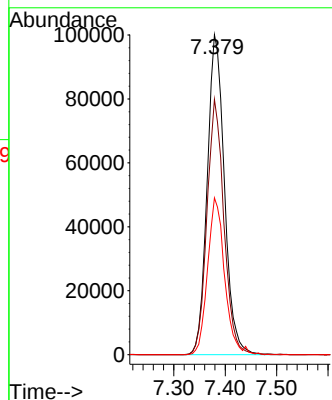
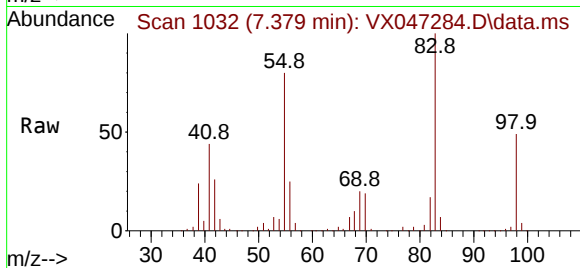
Tgt Ion: 83 Resp: 232810

Ion Ratio Lower Upper

83 100

55 79.8 64.5 96.7

98 49.0 36.9 55.3



#40

Benzene

Concen: 49.740 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047284.D

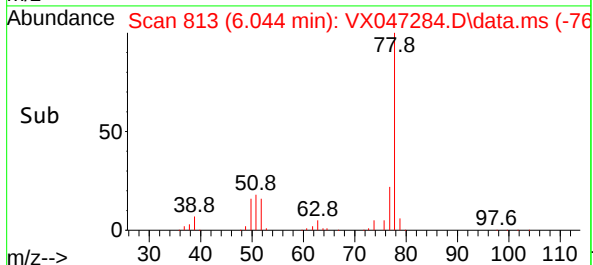
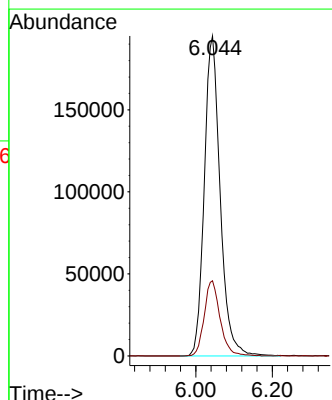
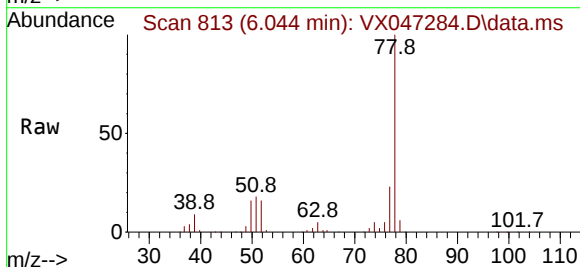
Acq: 12 Aug 2025 09:53

Tgt Ion: 78 Resp: 561481

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4

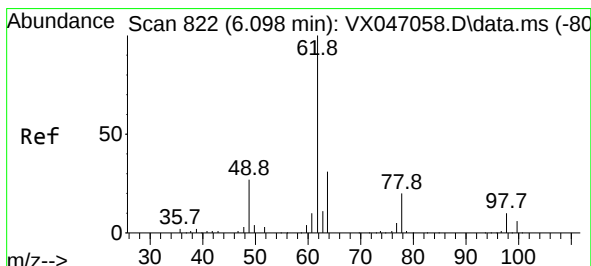
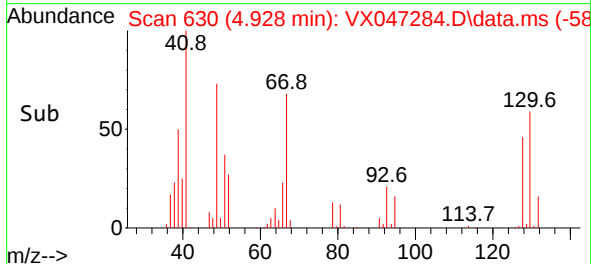
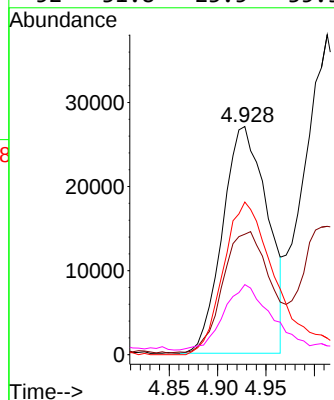
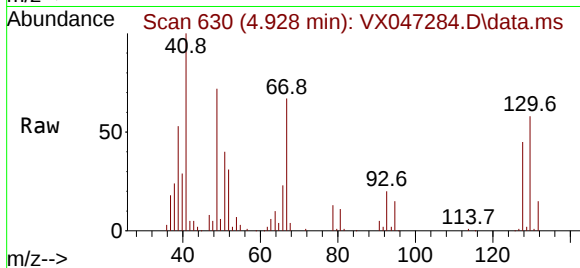




#41
Methacrylonitrile
Concen: 46.227 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

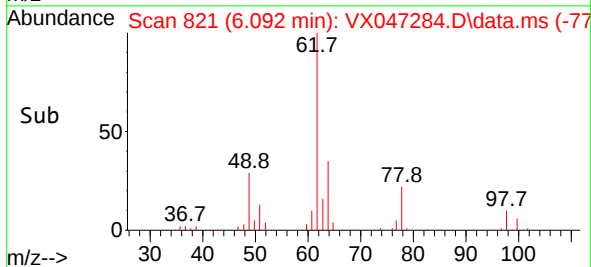
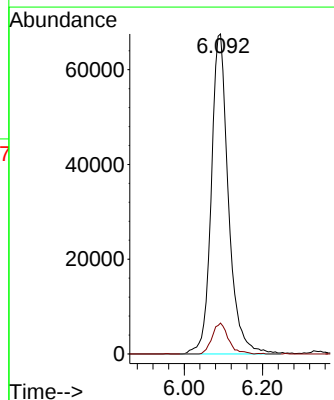
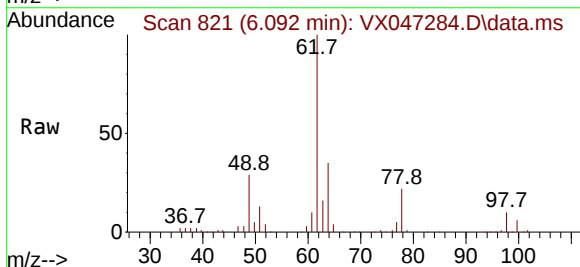
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

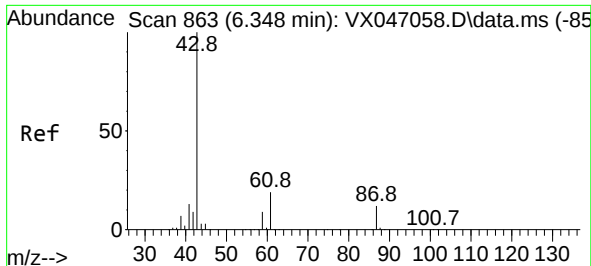
Tgt Ion:	41	Resp:	86875
Ion	Ratio	Lower	Upper
41	100		
39	57.6	44.2	66.2
67	83.7	56.4	84.6
52	31.8	23.5	35.3



#42
1,2-Dichloroethane
Concen: 51.566 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion:	62	Resp:	205046
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8

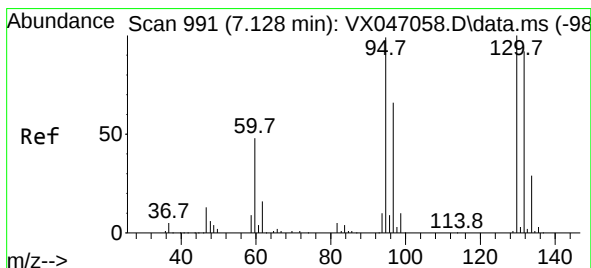
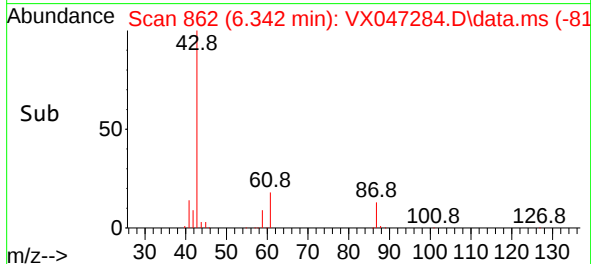
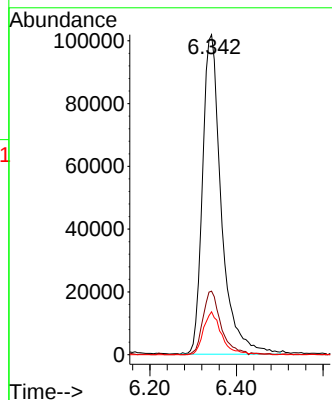
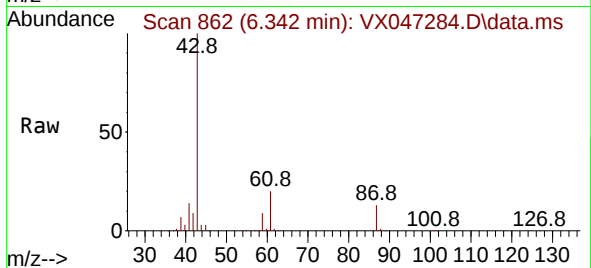




#43
Isopropyl Acetate
Concen: 54.939 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

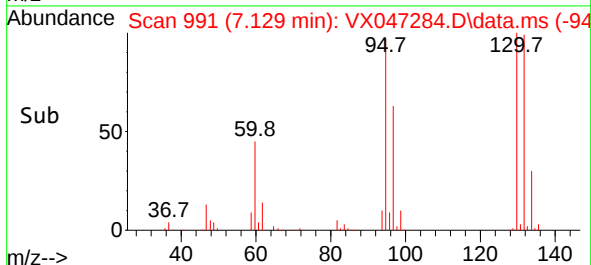
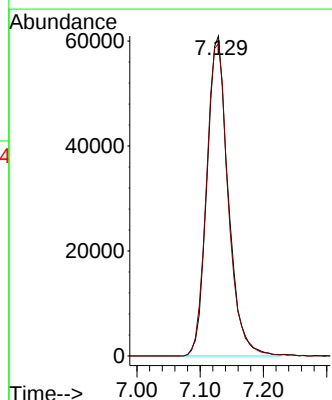
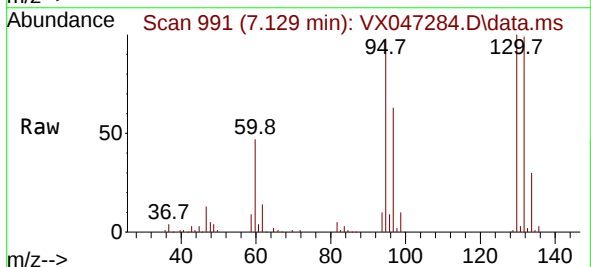
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

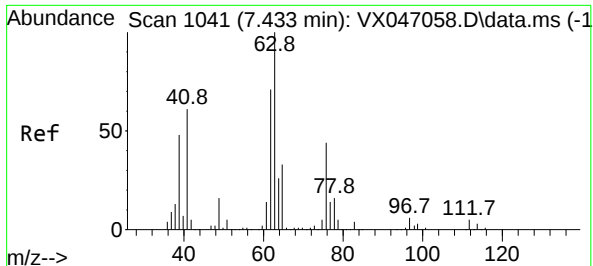
Tgt Ion: 43 Resp: 307837
Ion Ratio Lower Upper
43 100
61 19.1 15.1 22.7
87 12.9 9.7 14.5



#44
Trichloroethene
Concen: 49.268 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion:130 Resp: 142617
Ion Ratio Lower Upper
130 100
95 97.6 0.0 198.6





#45

1,2-Dichloropropane

Concen: 50.611 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

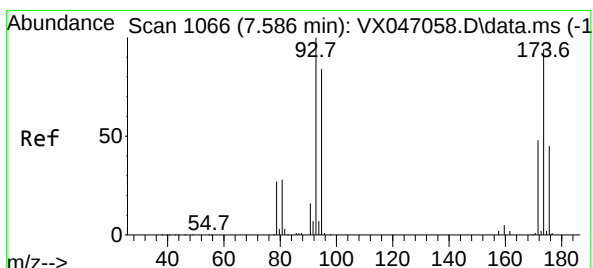
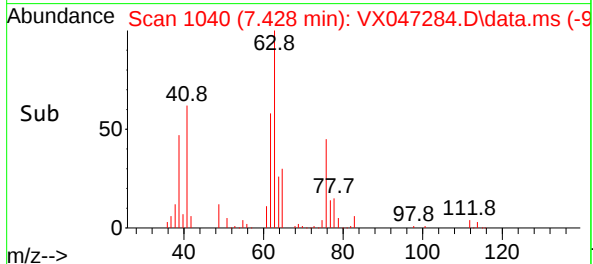
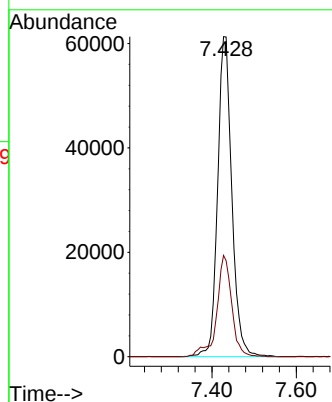
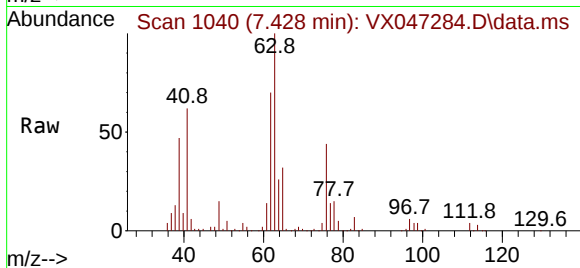
VSTDCCC050

Tgt Ion: 63 Resp: 143089

Ion Ratio Lower Upper

63 100

65 31.6 26.3 39.5



#46

Dibromomethane

Concen: 52.854 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

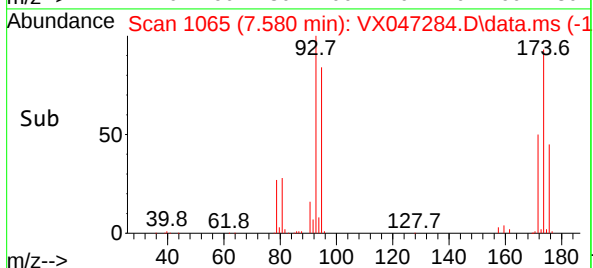
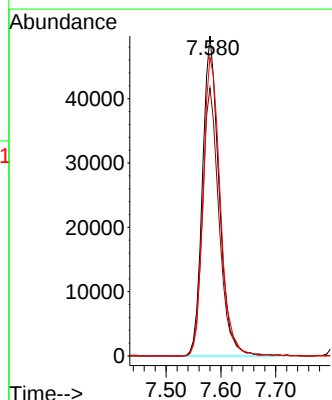
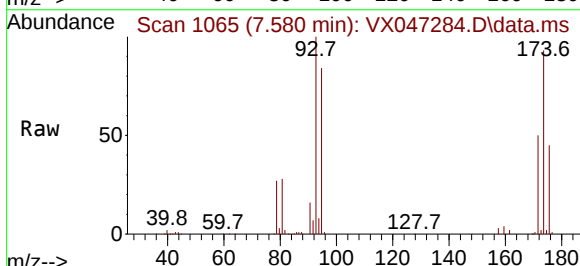
Tgt Ion: 93 Resp: 104791

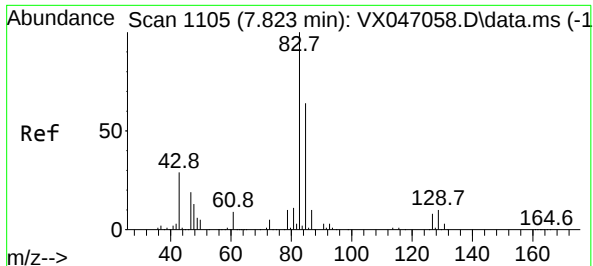
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

174 95.0 74.6 112.0

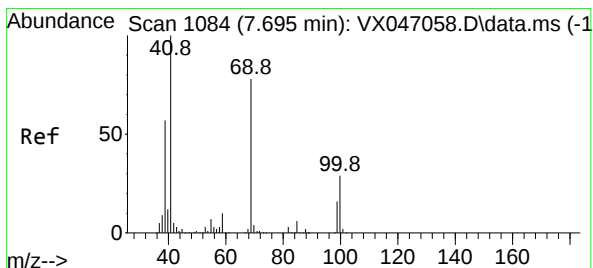
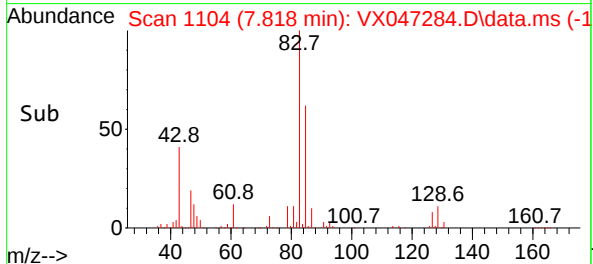
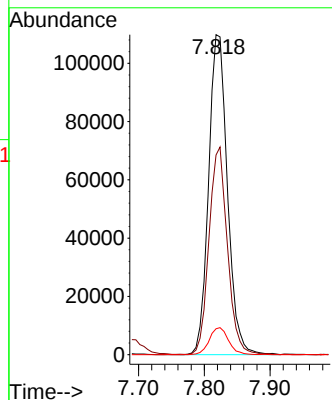
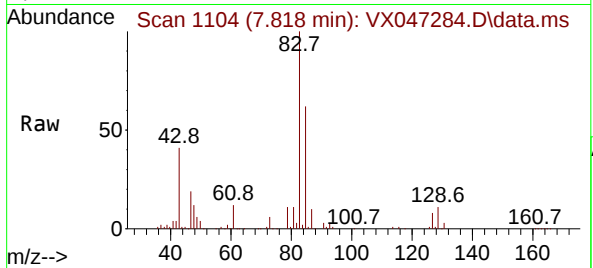




#47
Bromodichloromethane
Concen: 51.865 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

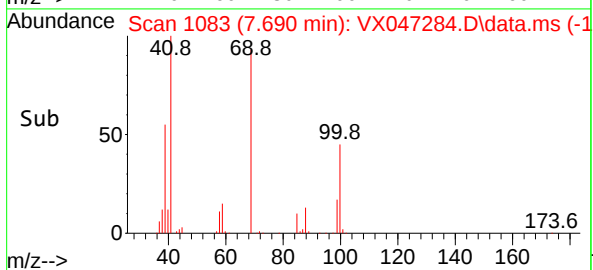
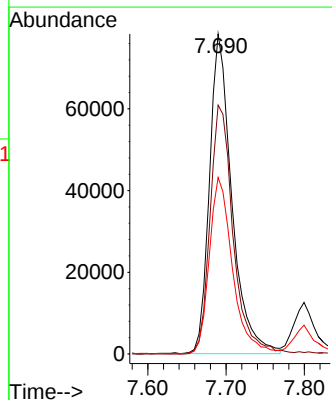
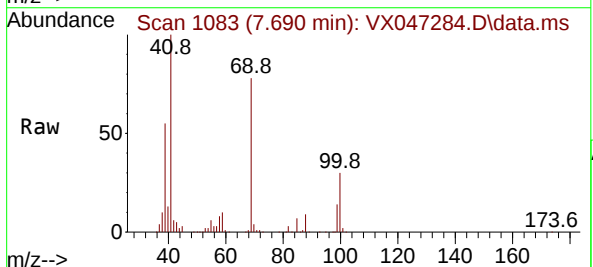
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

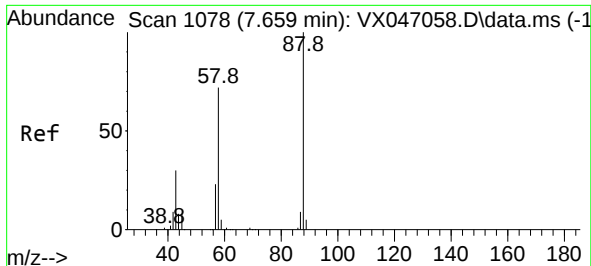
Tgt Ion: 83 Resp: 218872
Ion Ratio Lower Upper
83 100
85 63.1 49.9 74.9
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 50.837 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 41 Resp: 155179
Ion Ratio Lower Upper
41 100
69 80.7 62.3 93.5
39 57.5 44.8 67.2





#49

1,4-Dioxane

Concen: 972.087 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.013 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

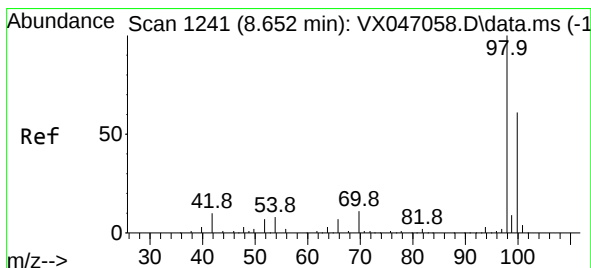
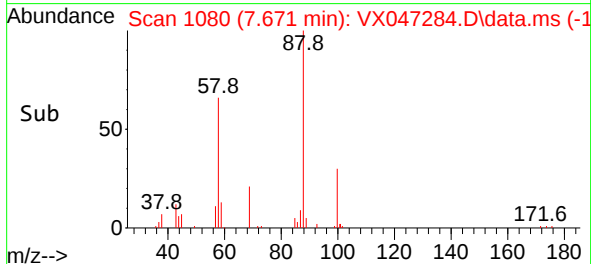
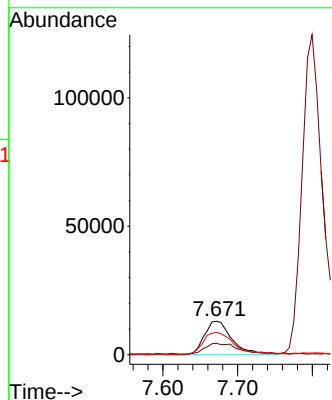
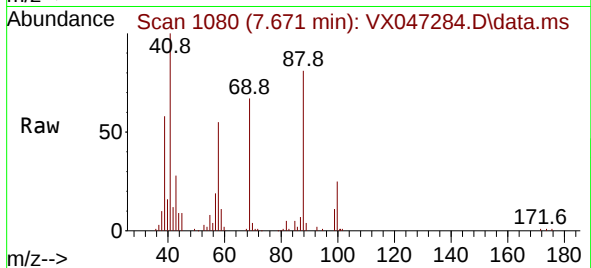
Tgt Ion: 88 Resp: 33749

Ion Ratio Lower Upper

88 100

43 37.2 33.6 50.4

58 74.5 58.8 88.2



#50

Toluene-d8

Concen: 44.372 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047284.D

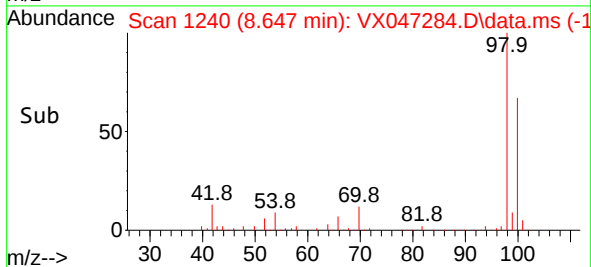
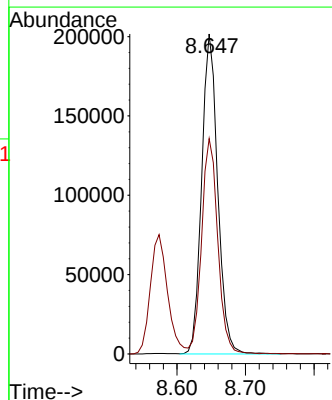
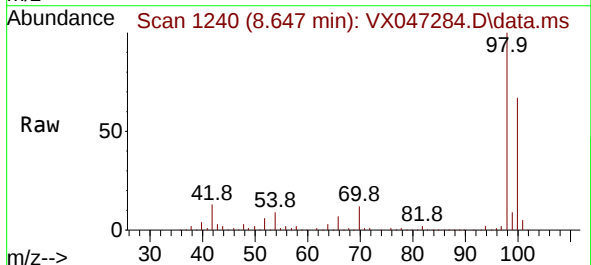
Acq: 12 Aug 2025 09:53

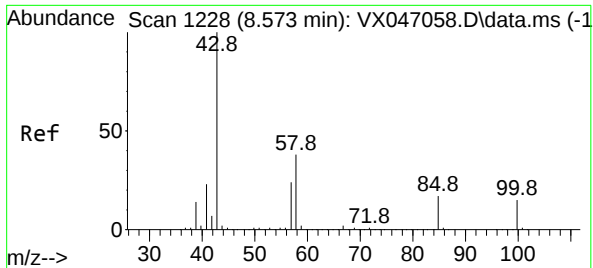
Tgt Ion: 98 Resp: 328825

Ion Ratio Lower Upper

98 100

100 67.2 53.3 79.9

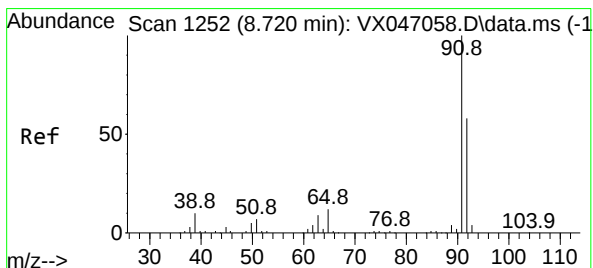
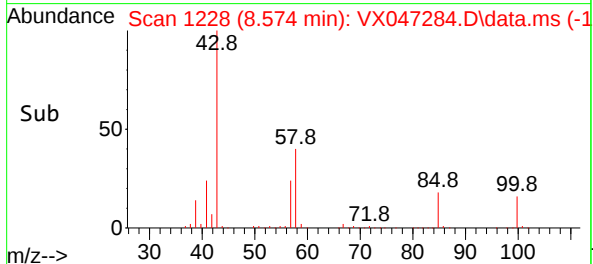
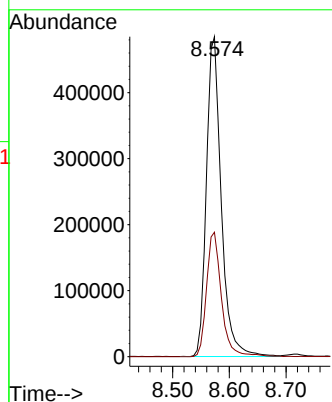
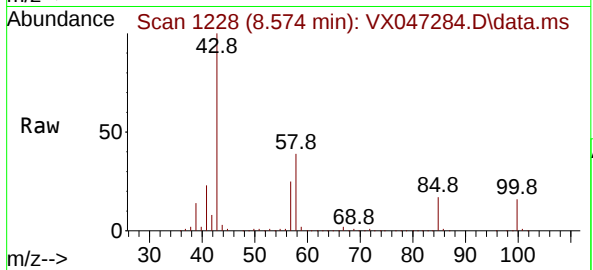




#51
4-Methyl-2-Pentanone
Concen: 264.926 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

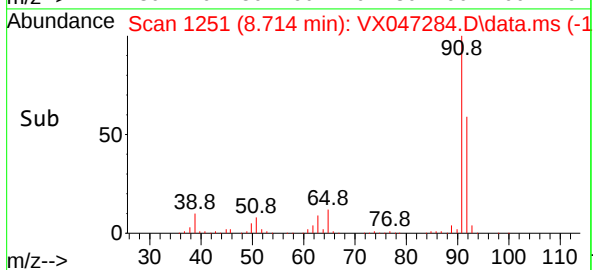
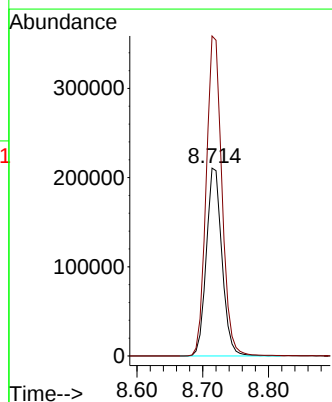
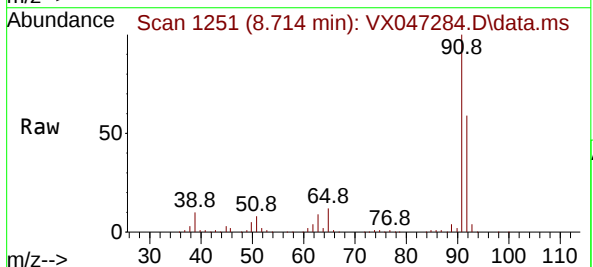
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

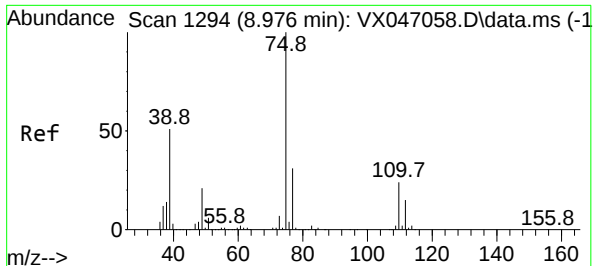
Tgt Ion: 43 Resp: 882345
Ion Ratio Lower Upper
43 100
58 39.1 30.6 45.8



#52
Toluene
Concen: 50.178 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 92 Resp: 348287
Ion Ratio Lower Upper
92 100
91 171.3 137.9 206.9

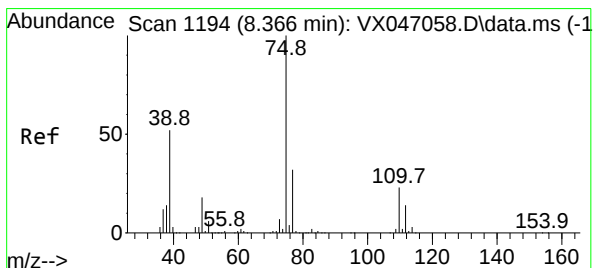
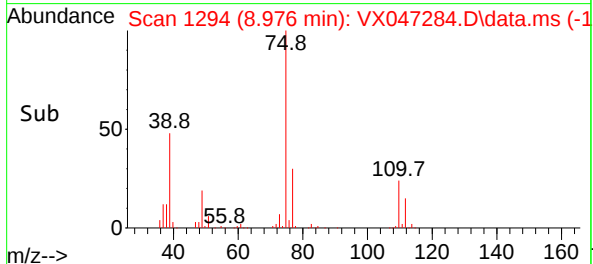
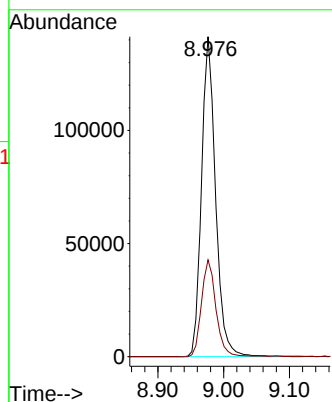
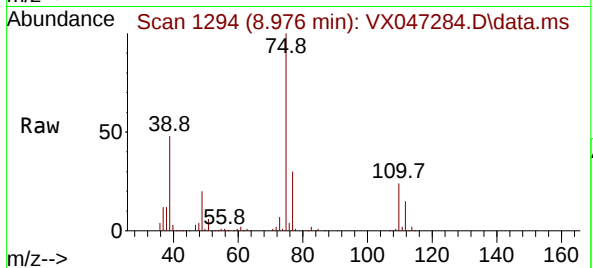




#53
t-1,3-Dichloropropene
Concen: 52.654 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

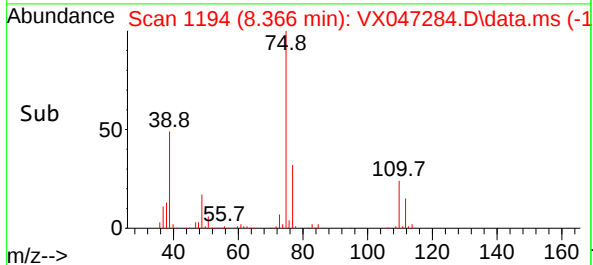
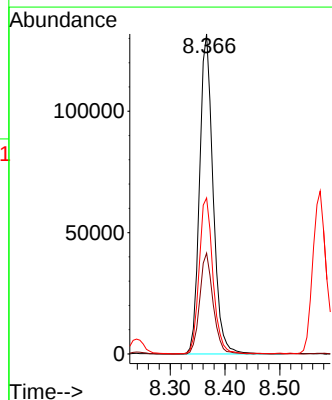
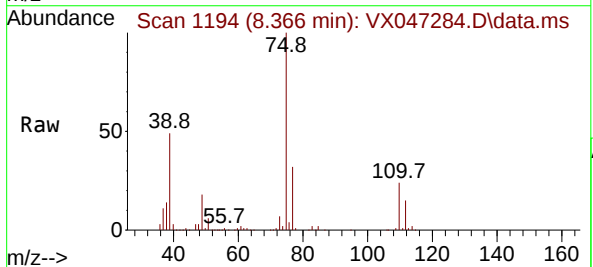
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

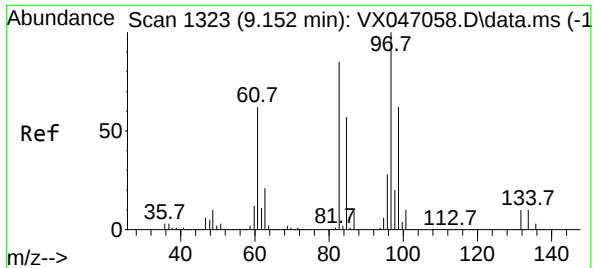
Tgt Ion: 75 Resp: 209827
Ion Ratio Lower Upper
75 100
77 30.3 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 51.782 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 75 Resp: 225848
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 48.1 41.8 62.6



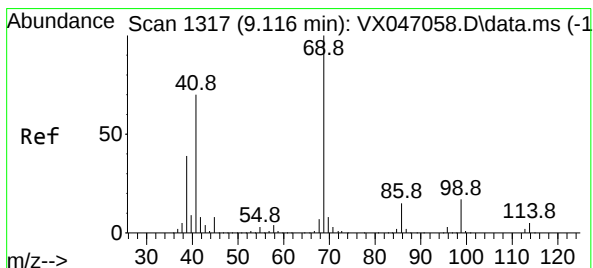
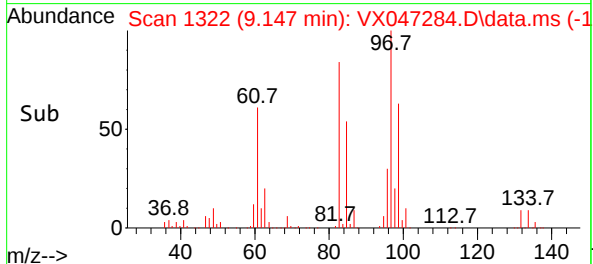
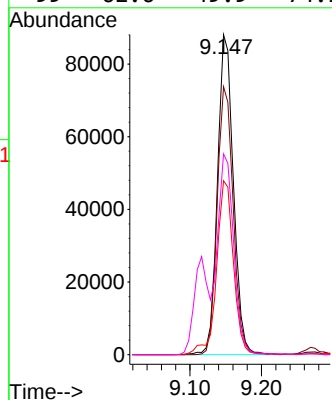
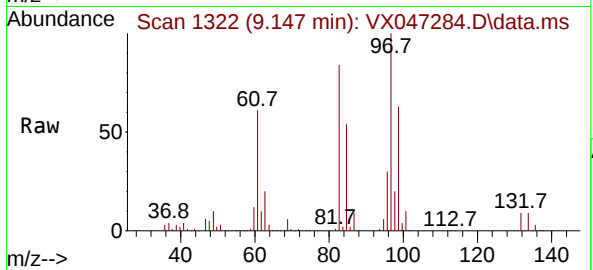


#55
1,1,2-Trichloroethane
Concen: 52.358 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 136289

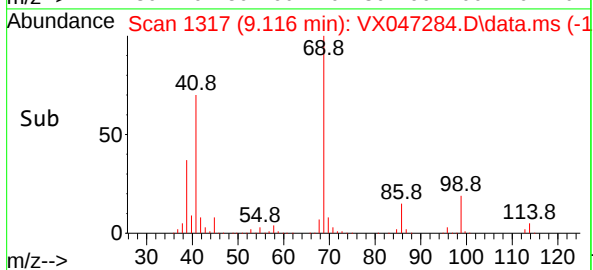
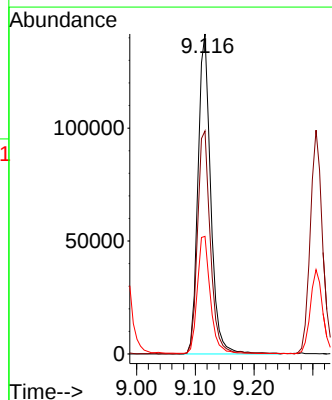
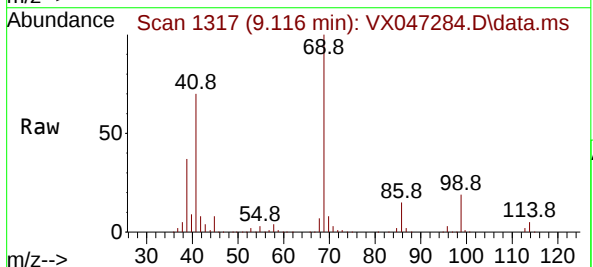
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.0	102.0
85	54.3	45.2	67.8
99	62.6	49.9	74.9

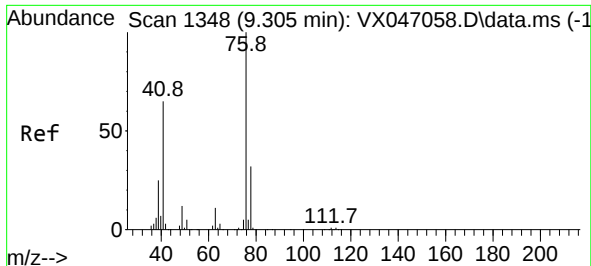


#56
Ethyl methacrylate
Concen: 55.430 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 69 Resp: 213603

Ion	Ratio	Lower	Upper
69	100		
41	70.4	56.1	84.1
39	37.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.654 ug/l

RT: 9.305 min Scan# 111

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

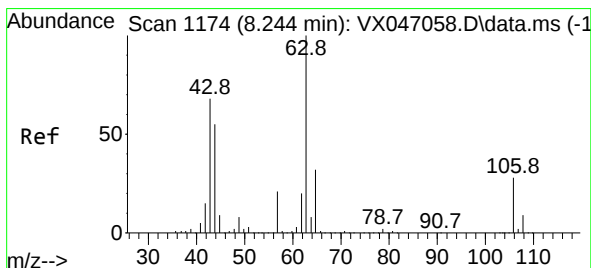
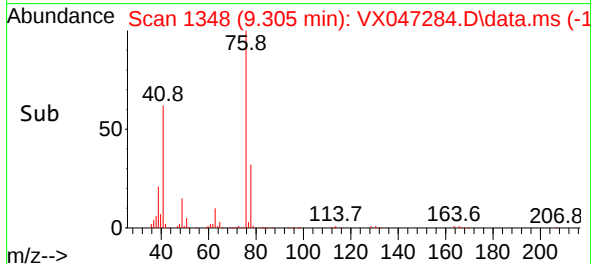
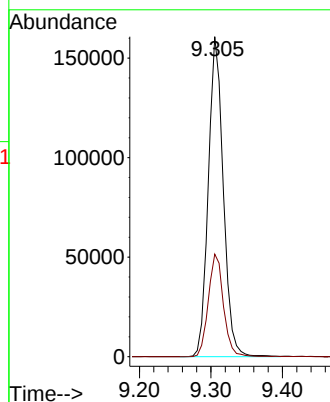
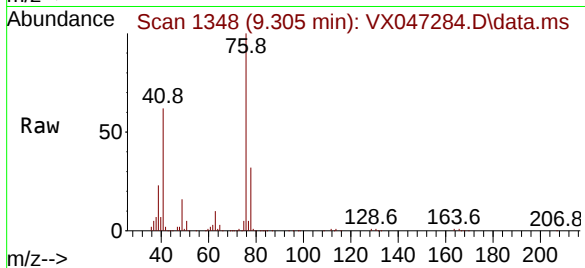
VSTDCCC050

Tgt Ion: 76 Resp: 233683

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 236.756 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047284.D

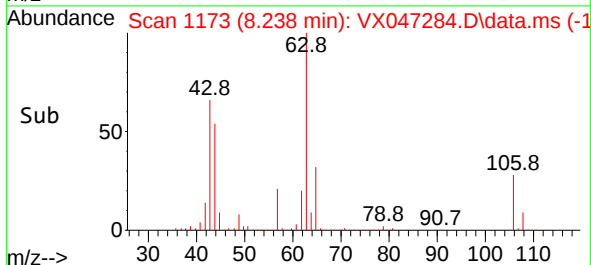
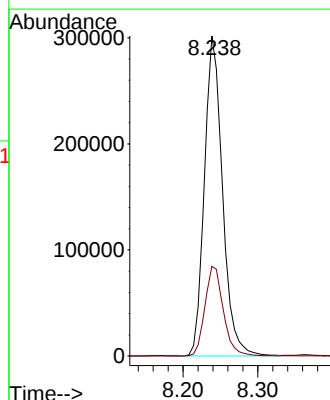
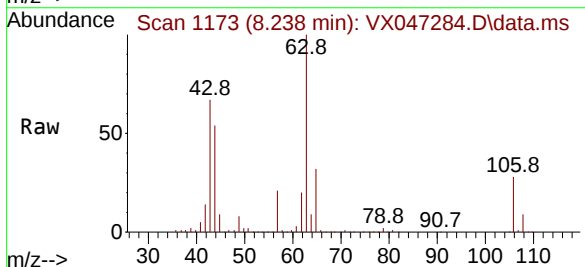
Acq: 12 Aug 2025 09:53

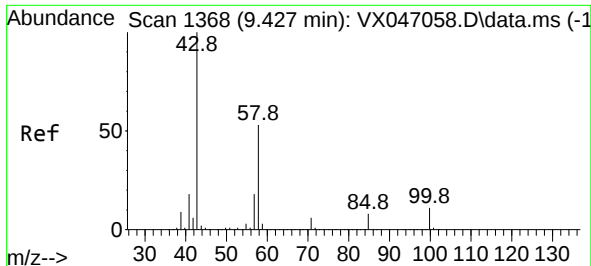
Tgt Ion: 63 Resp: 507700

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.4

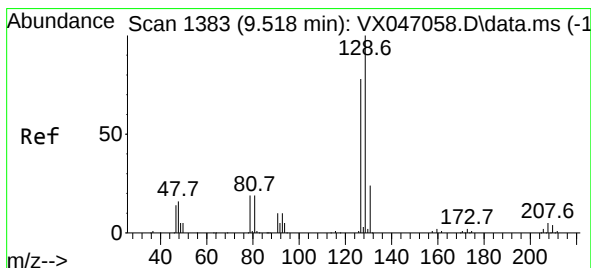
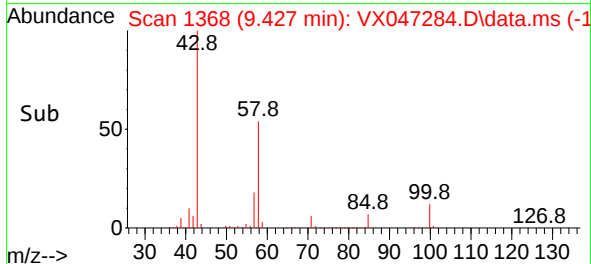
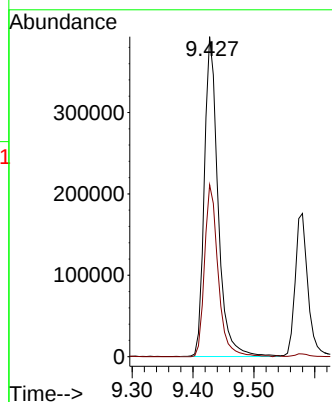
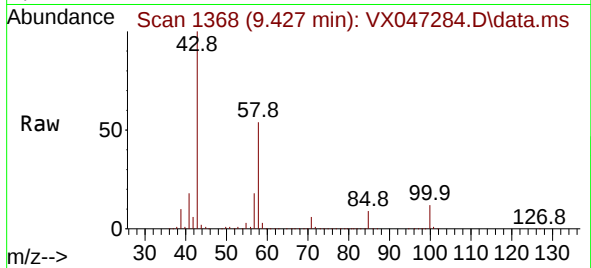




#59
2-Hexanone
Concen: 279.986 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

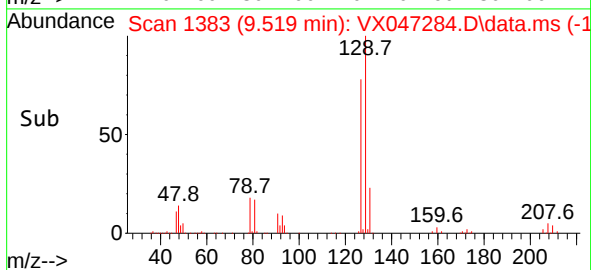
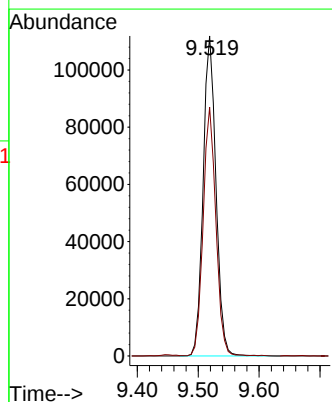
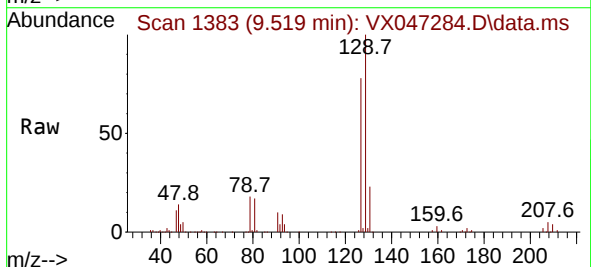
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

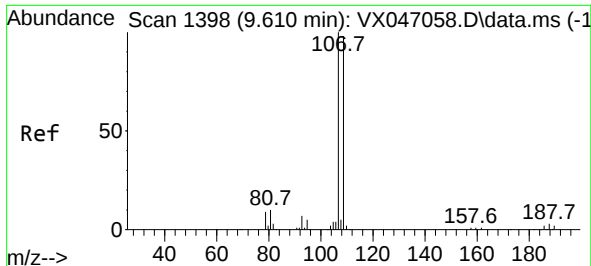
Tgt Ion: 43 Resp: 616087
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.5



#60
Dibromochloromethane
Concen: 53.664 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 129 Resp: 163831
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8

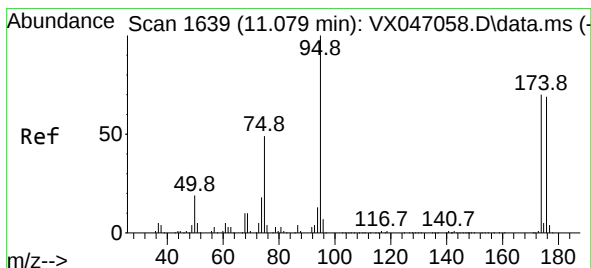
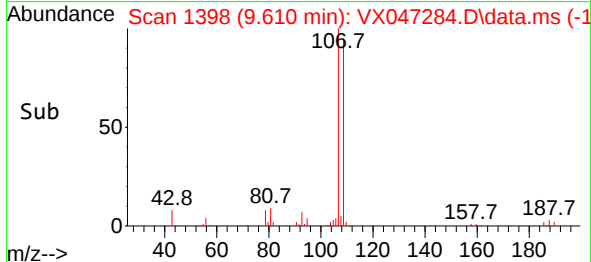
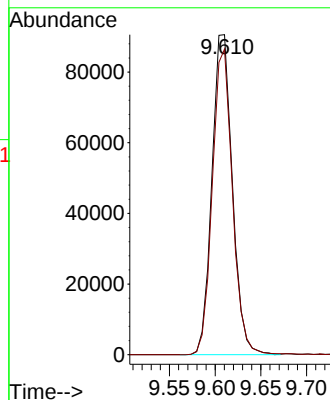
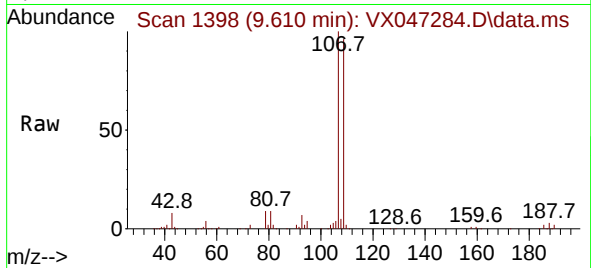




#61
1,2-Dibromoethane
Concen: 51.802 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

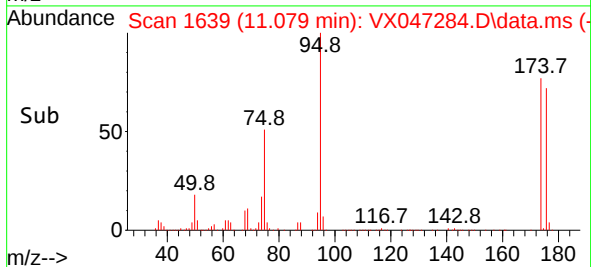
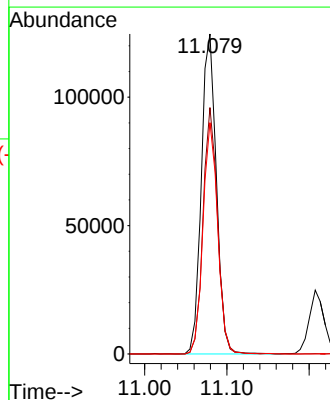
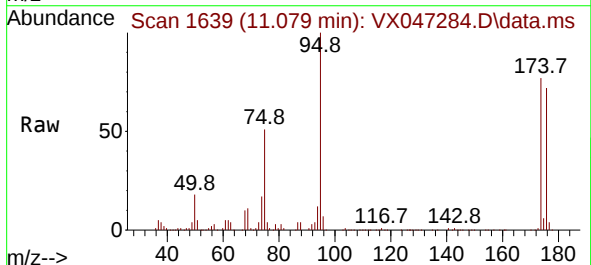
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

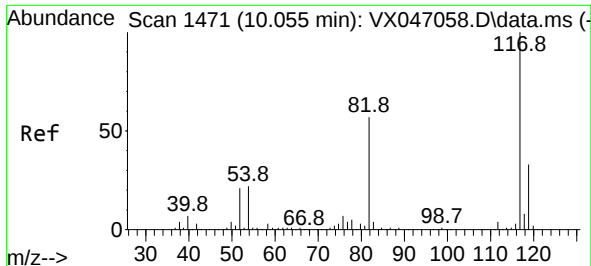
Tgt Ion:107 Resp: 140997
Ion Ratio Lower Upper
107 100
109 94.0 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 49.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 95 Resp: 158071
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.6
176 70.7 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: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

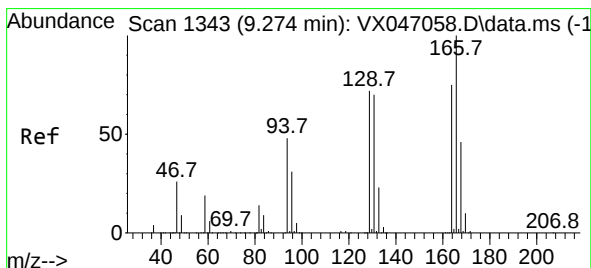
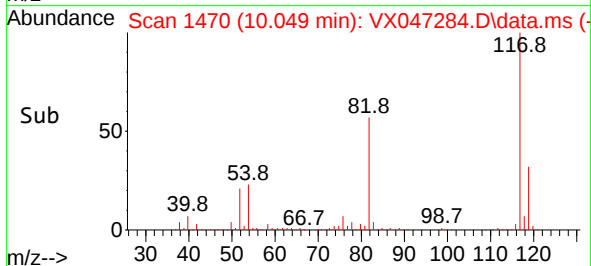
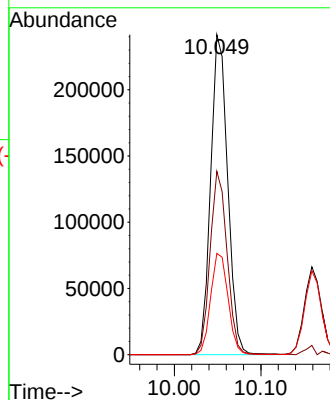
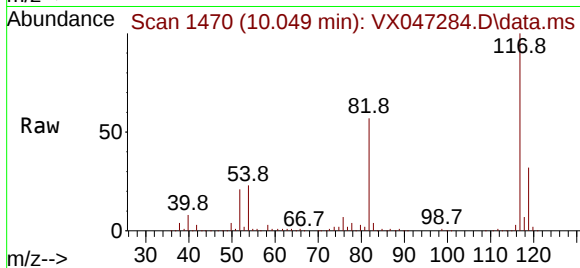
Tgt Ion:117 Resp: 329997

Ion Ratio Lower Upper

117 100

82 57.3 45.4 68.2

119 31.7 26.1 39.1



#64

Tetrachloroethene

Concen: 48.805 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Tgt Ion:164 Resp: 116103

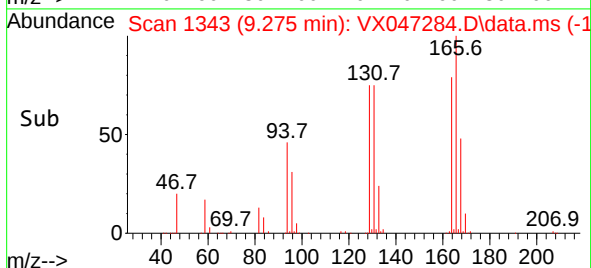
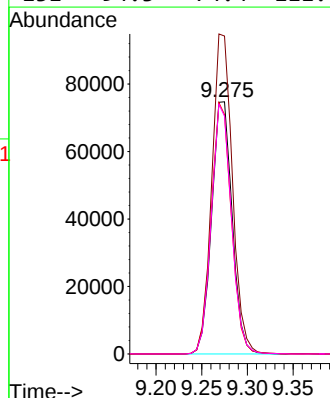
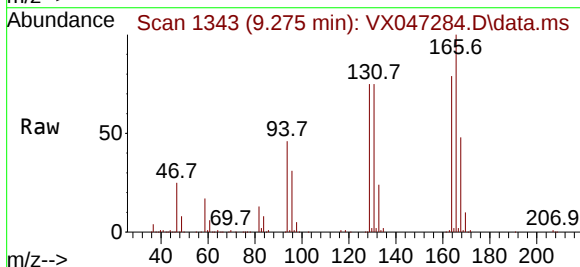
Ion Ratio Lower Upper

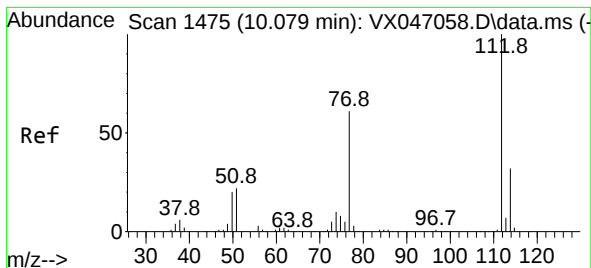
164 100

166 126.1 106.2 159.4

129 94.9 76.6 114.8

131 94.3 74.4 111.6

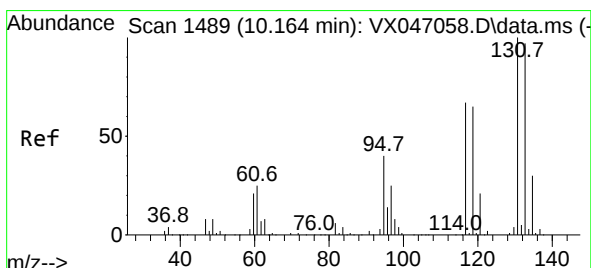
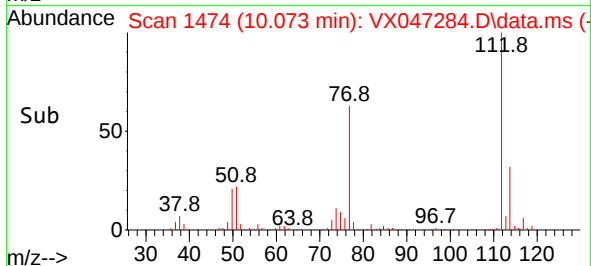
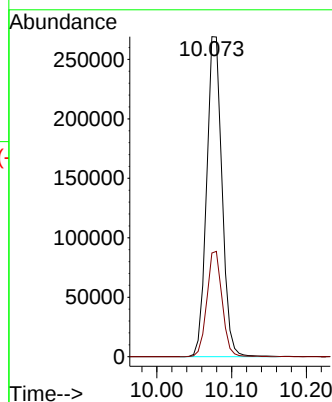
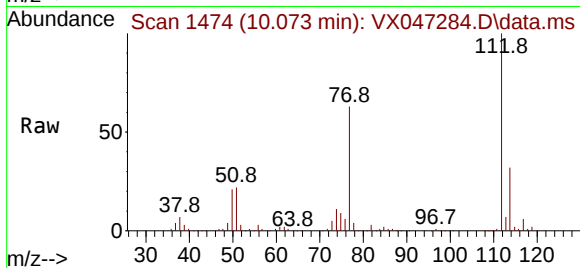




#65
Chlorobenzene
Concen: 49.749 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

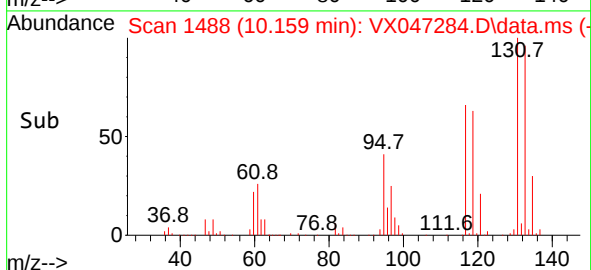
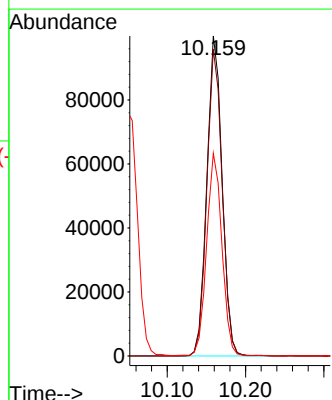
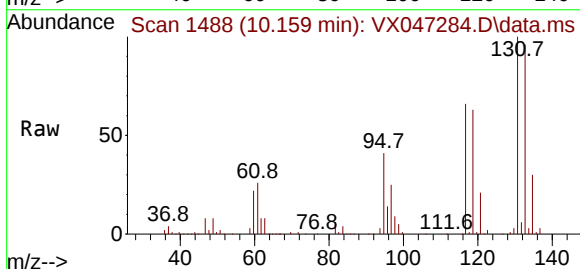
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

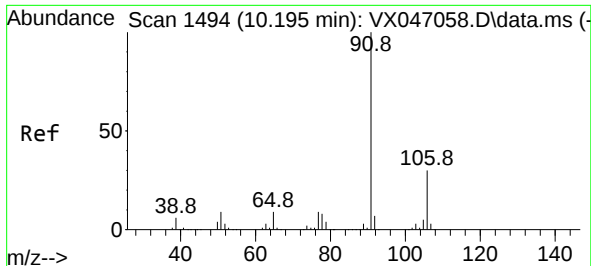
Tgt Ion:112 Resp: 384598
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.903 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion:131 Resp: 135093
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.3
119 63.2 32.4 97.0





#67

Ethyl Benzene

Concen: 50.181 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

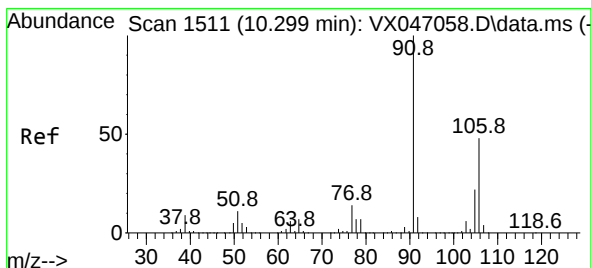
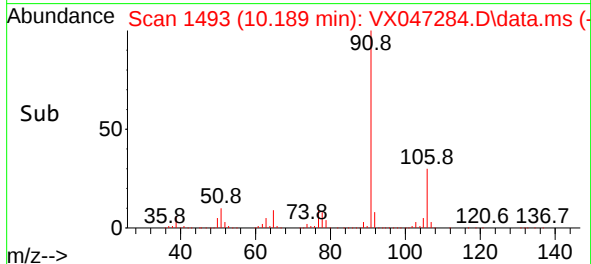
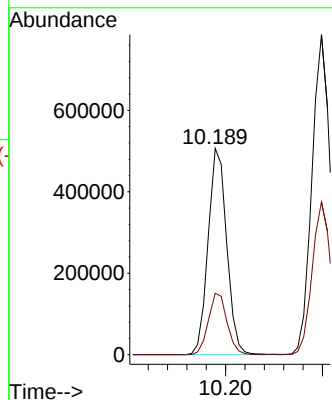
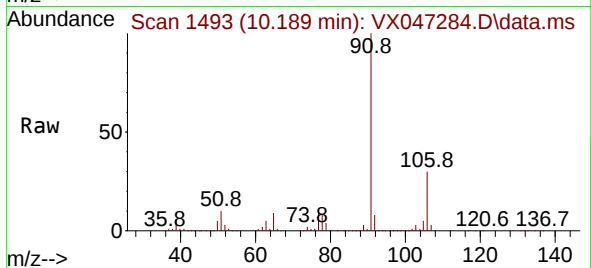
VSTDCCC050

Tgt Ion: 91 Resp: 678292

Ion Ratio Lower Upper

91 100

106 29.8 24.2 36.4



#68

m/p-Xylenes

Concen: 100.400 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047284.D

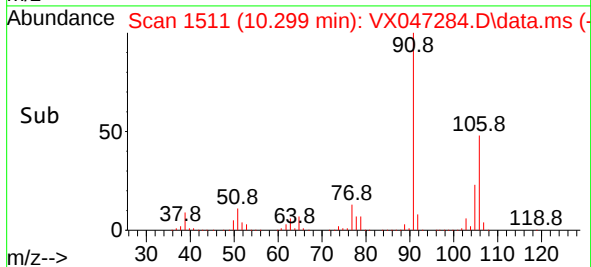
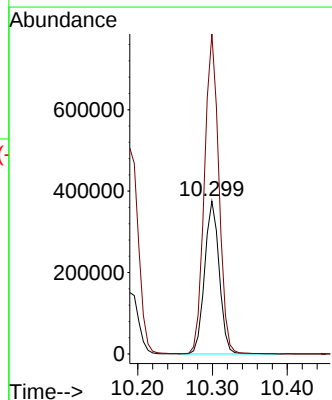
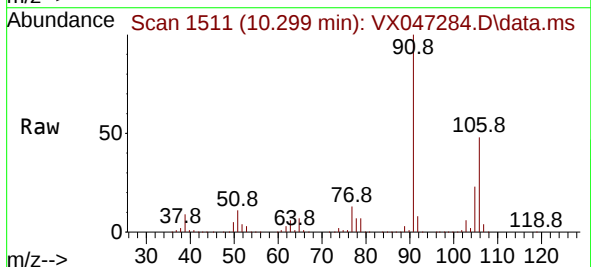
Acq: 12 Aug 2025 09:53

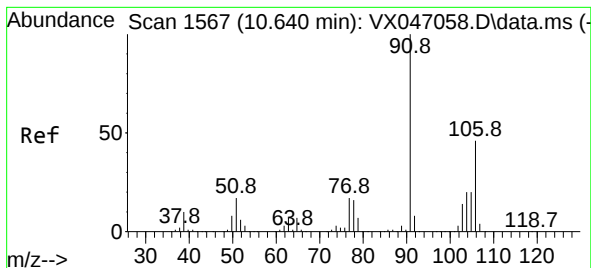
Tgt Ion:106 Resp: 507852

Ion Ratio Lower Upper

106 100

91 207.8 167.4 251.0





#69

o-Xylene

Concen: 50.835 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

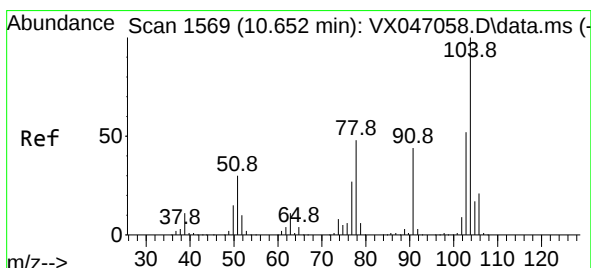
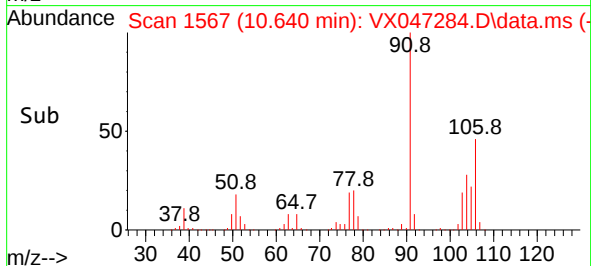
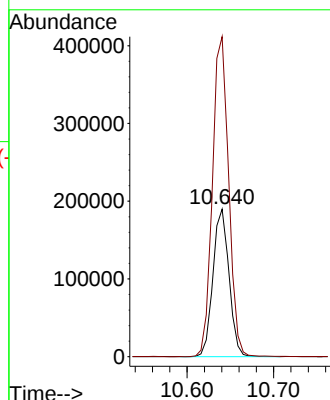
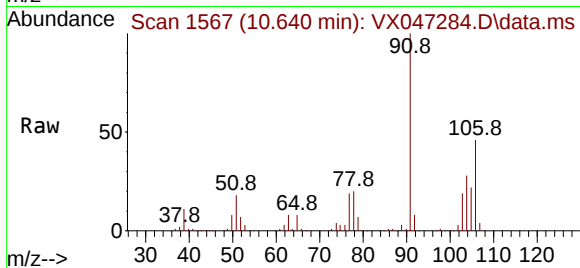
VSTDCCC050

Tgt Ion:106 Resp: 244621

Ion Ratio Lower Upper

106 100

91 219.5 110.3 331.0



#70

Styrene

Concen: 51.604 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

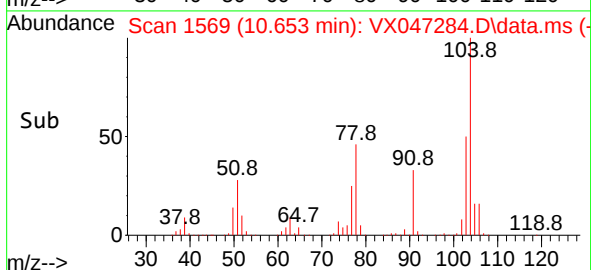
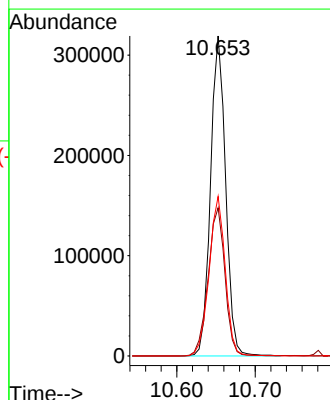
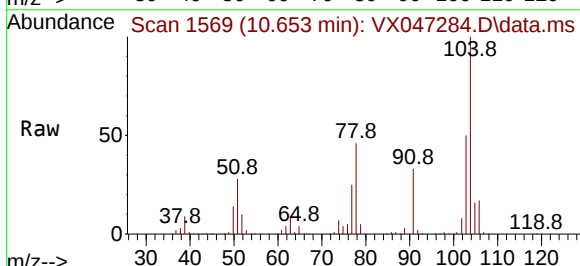
Tgt Ion:104 Resp: 425811

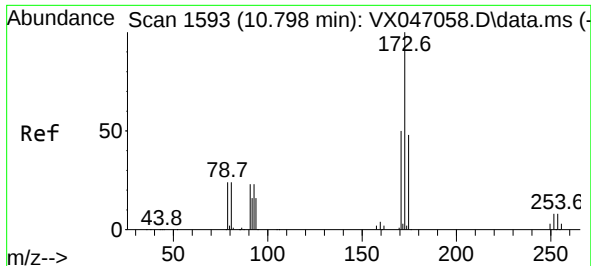
Ion Ratio Lower Upper

104 100

78 51.7 42.0 63.0

103 53.6 43.8 65.6

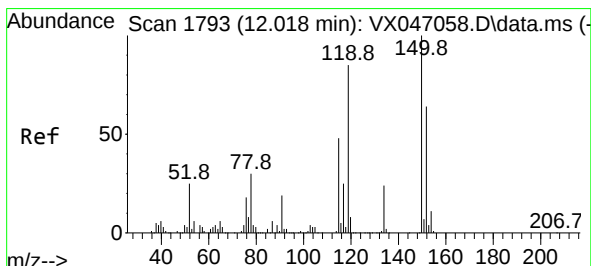
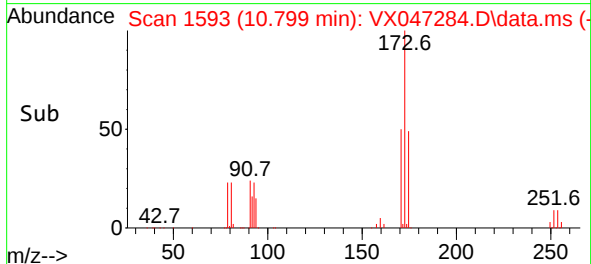
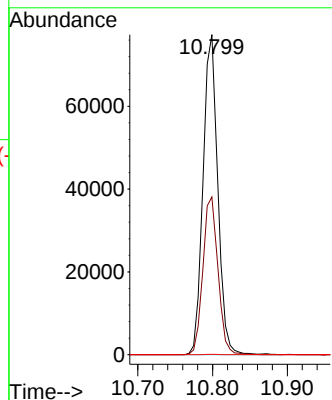
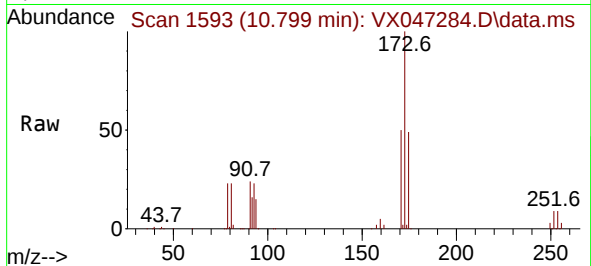




#71
Bromoform
Concen: 53.462 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

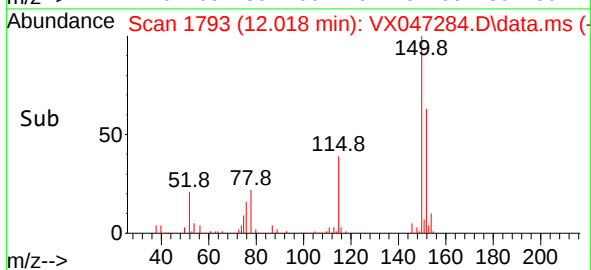
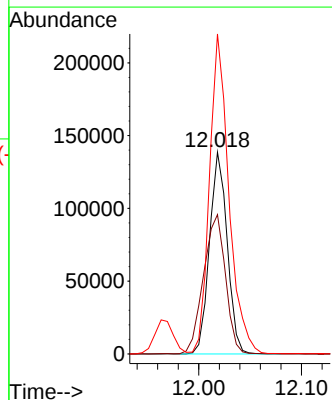
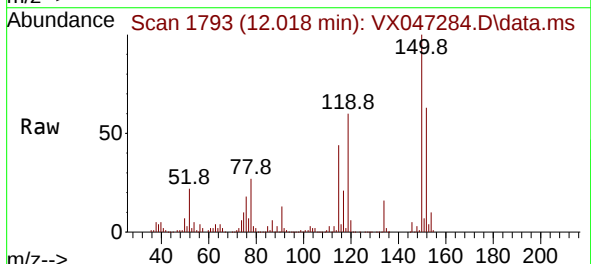
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

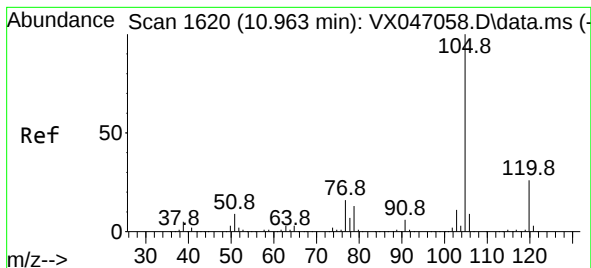
Tgt Ion:173 Resp: 105702
Ion Ratio Lower Upper
173 100
175 50.5 24.2 72.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion:152 Resp: 165820
Ion Ratio Lower Upper
152 100
115 86.1 45.6 136.7
150 173.5 0.0 354.6





#73

Isopropylbenzene

Concen: 48.515 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

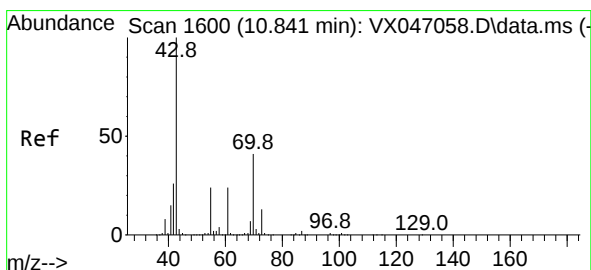
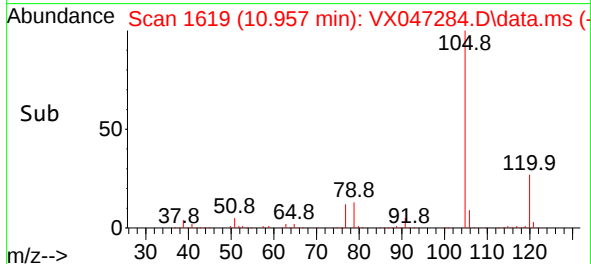
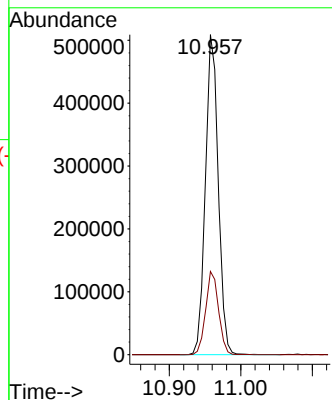
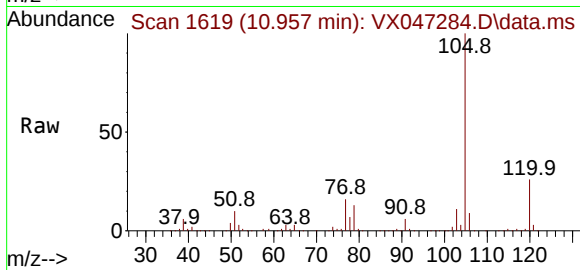
VSTDCCC050

Tgt Ion:105 Resp: 634683

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.7



#74

N-ethyl acetate

Concen: 51.971 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Tgt Ion: 43 Resp: 274324

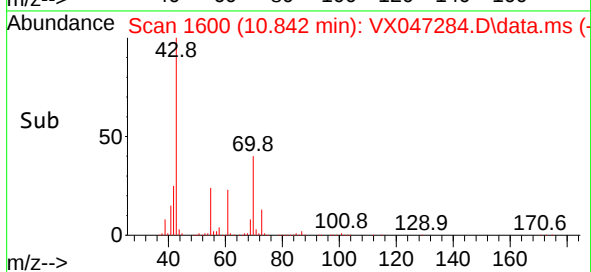
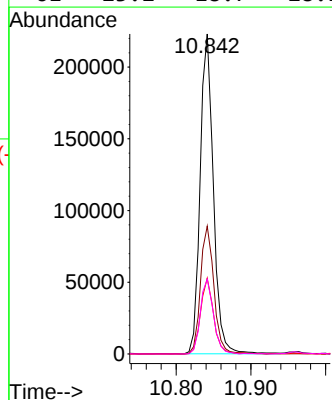
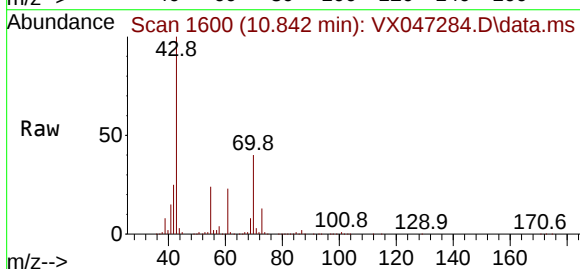
Ion Ratio Lower Upper

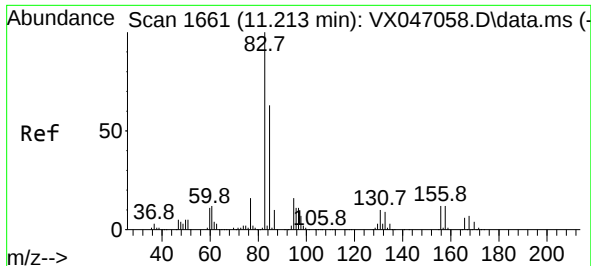
43 100

70 40.6 32.3 48.5

55 23.5 18.9 28.3

61 23.2 18.7 28.1

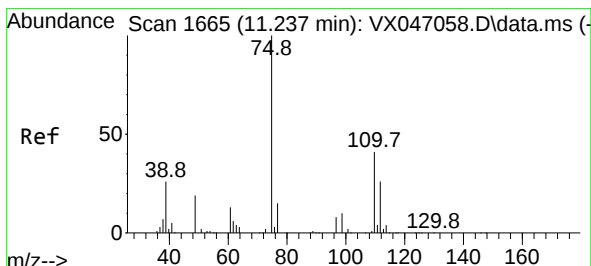
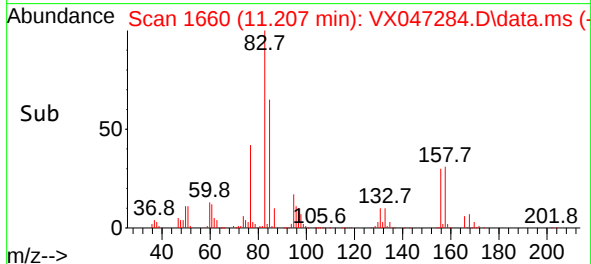
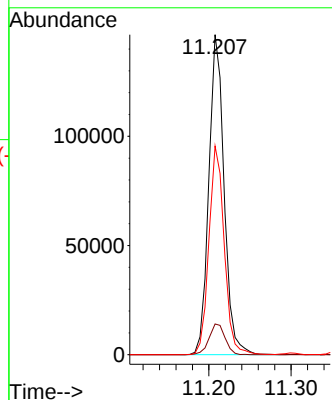
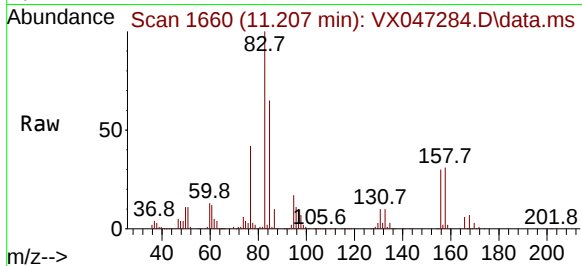




#75
1,1,2,2-Tetrachloroethane
Concen: 50.649 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

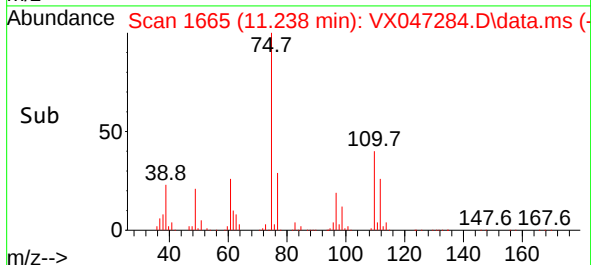
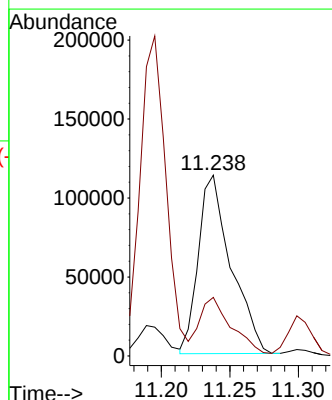
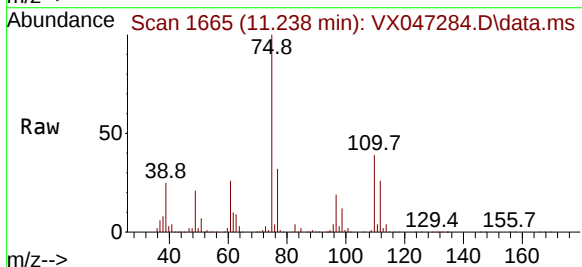
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

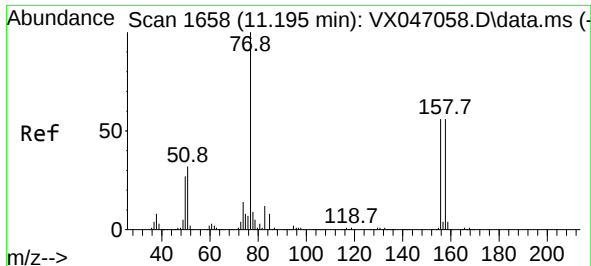
Tgt Ion: 83 Resp: 189270
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 65.3 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 61.390 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 75 Resp: 188422
Ion Ratio Lower Upper
75 100
77 32.7 21.6 65.0

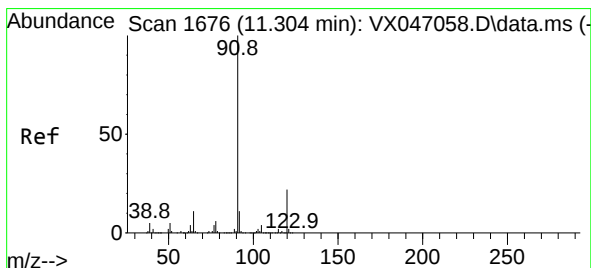
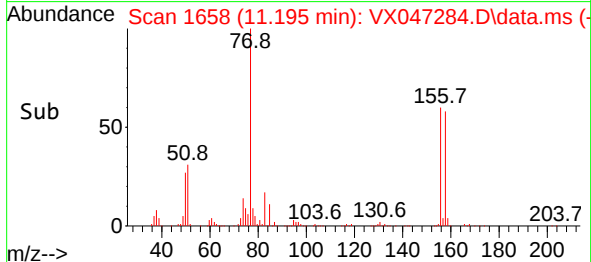
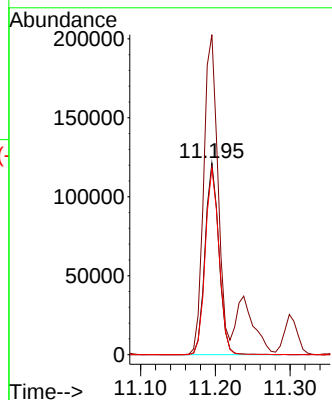
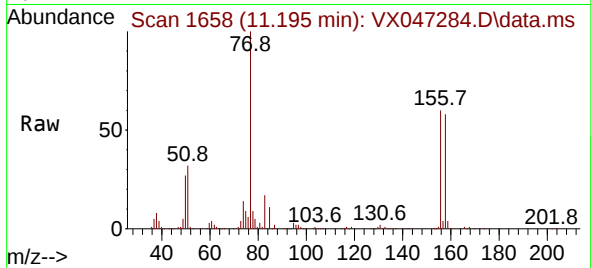




#77
Bromobenzene
Concen: 49.428 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

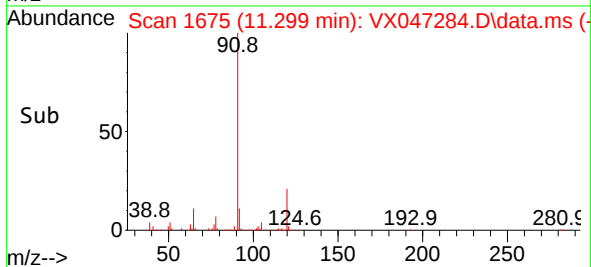
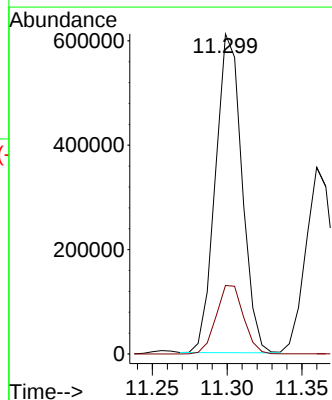
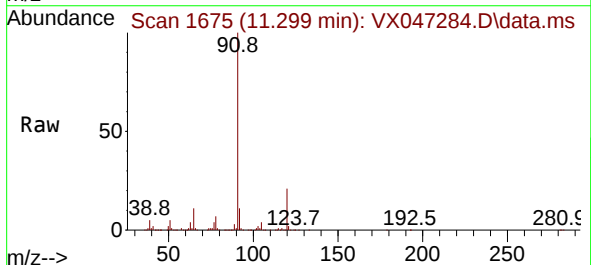
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

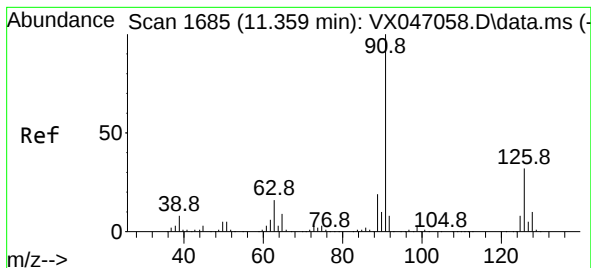
Tgt Ion:156 Resp: 155095
Ion Ratio Lower Upper
156 100
77 173.1 87.3 261.9
158 97.6 48.9 146.6



#78
n-propylbenzene
Concen: 48.268 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 91 Resp: 754576
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 48.283 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

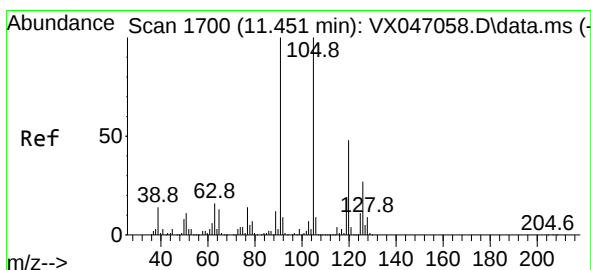
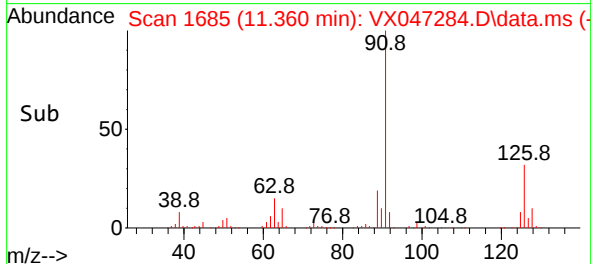
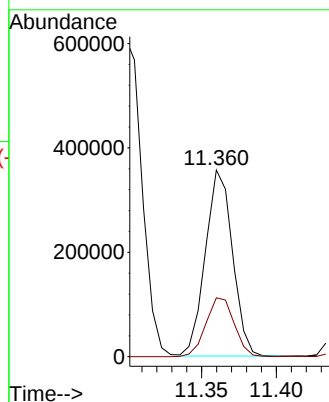
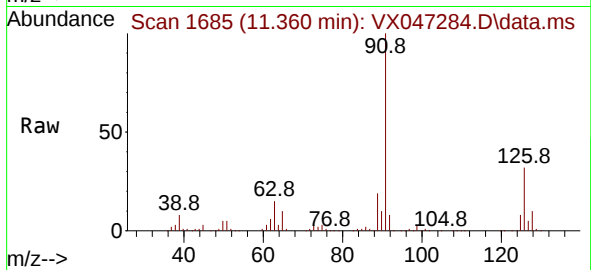
VSTDCCC050

Tgt Ion: 91 Resp: 451205

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 48.423 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX047284.D

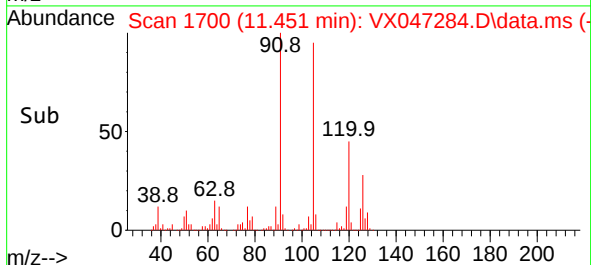
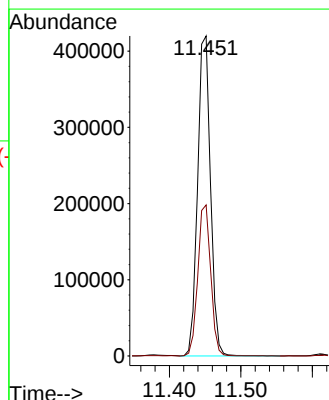
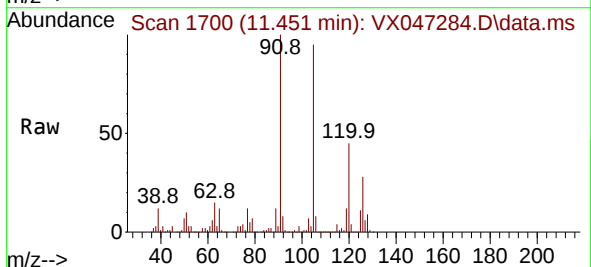
Acq: 12 Aug 2025 09:53

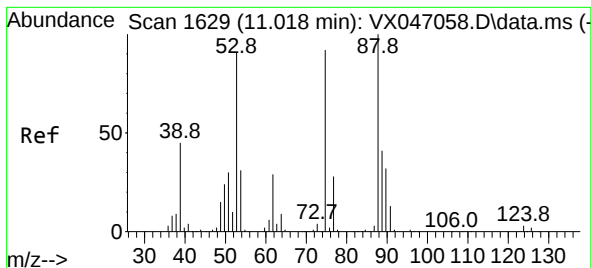
Tgt Ion: 105 Resp: 523346

Ion Ratio Lower Upper

105 100

120 47.4 23.8 71.5

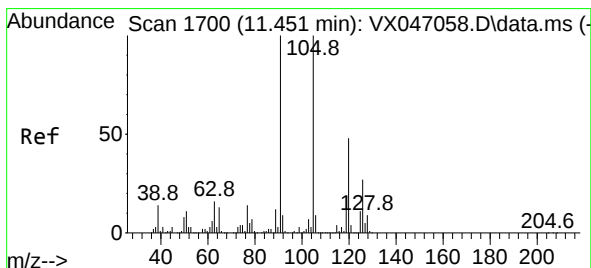
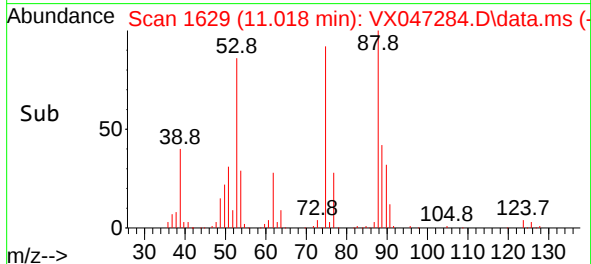
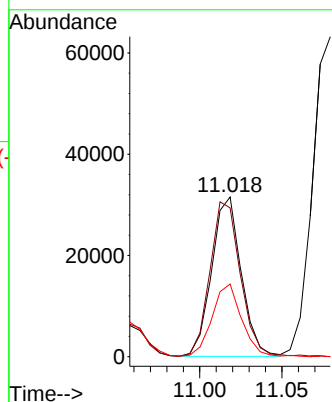
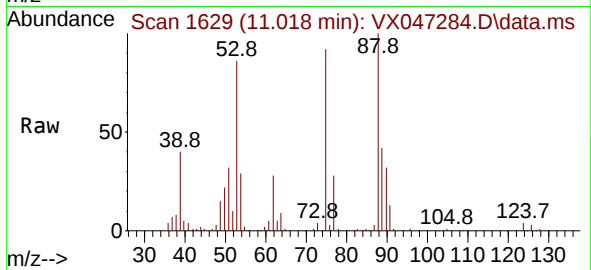




#81
trans-1,4-Dichloro-2-butene
Concen: 32.932 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

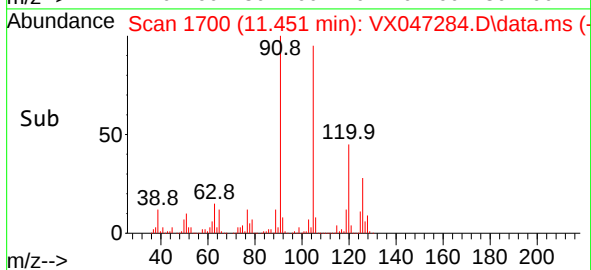
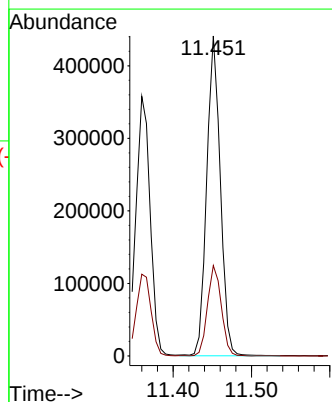
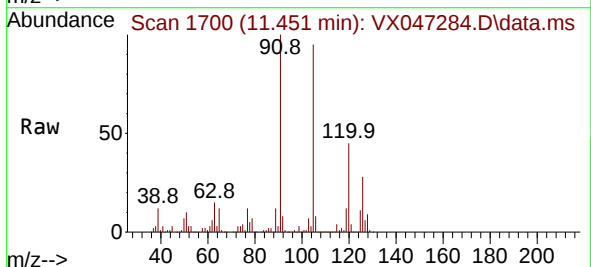
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 39232
Ion Ratio Lower Upper
75 100
53 101.2 84.2 126.4
89 46.0 36.0 54.0



#82
4-Chlorotoluene
Concen: 48.570 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 91 Resp: 529783
Ion Ratio Lower Upper
91 100
126 28.9 14.1 42.3





#83

tert-Butylbenzene

Concen: 48.579 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

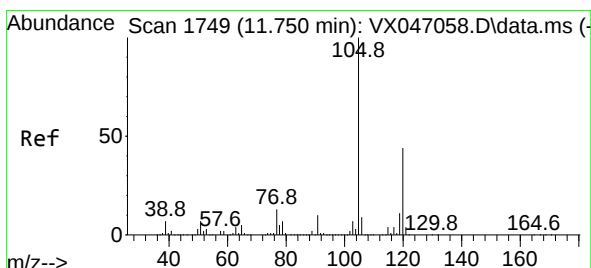
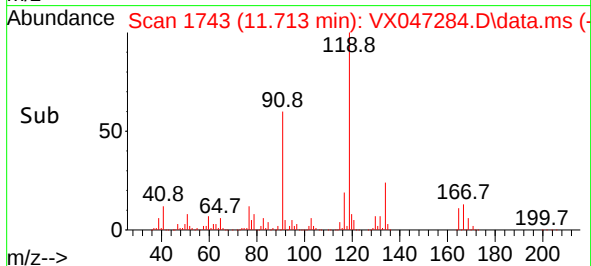
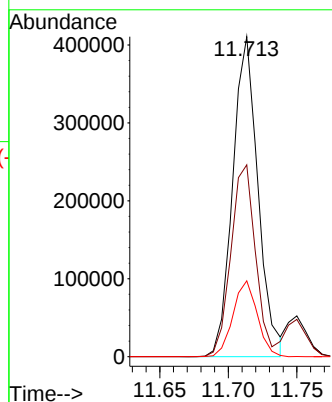
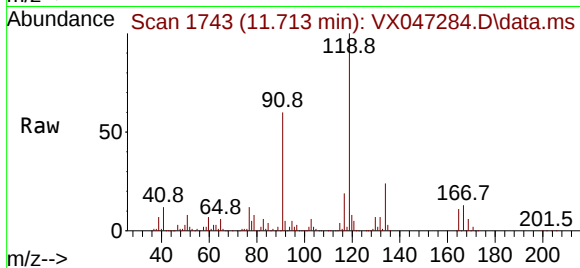
Tgt Ion:119 Resp: 526971

Ion Ratio Lower Upper

119 100

91 58.2 29.6 88.8

134 22.9 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 49.223 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047284.D

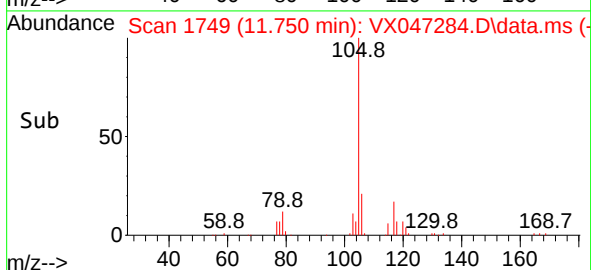
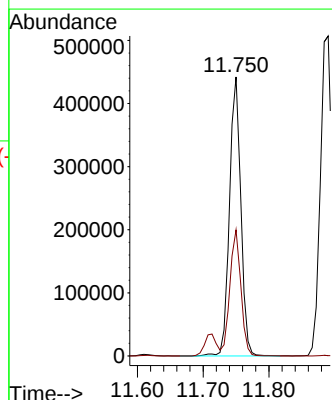
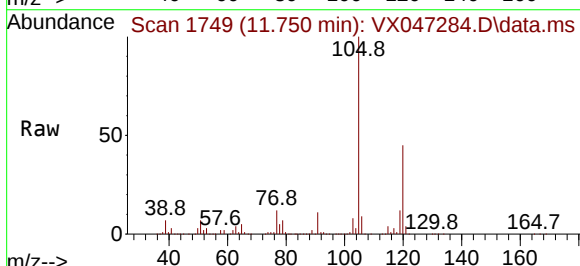
Acq: 12 Aug 2025 09:53

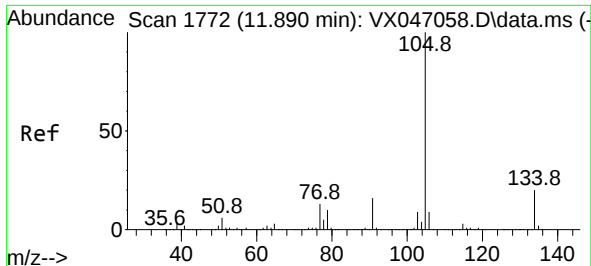
Tgt Ion:105 Resp: 530631

Ion Ratio Lower Upper

105 100

120 44.0 22.0 66.0

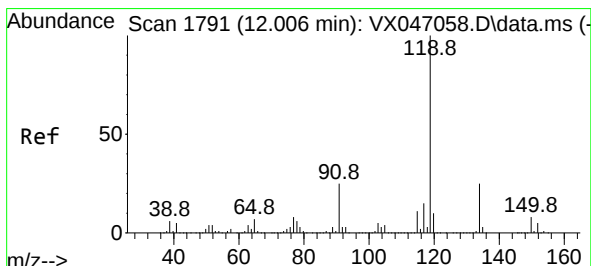
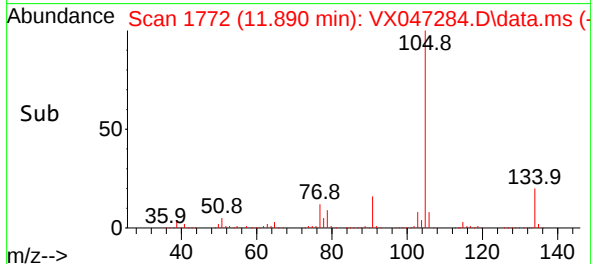
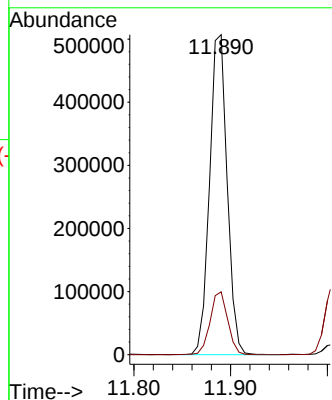
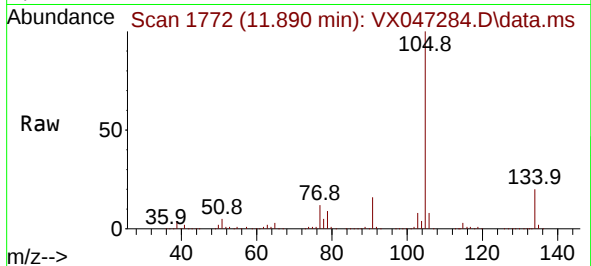




#85
sec-Butylbenzene
Concen: 47.364 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

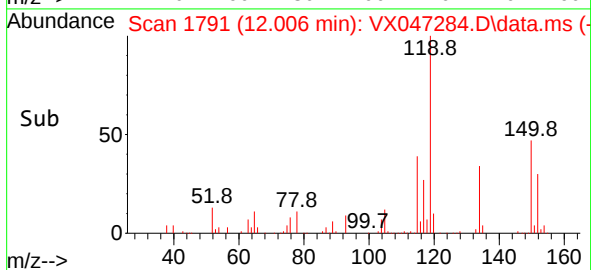
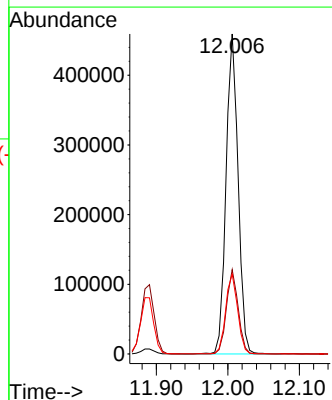
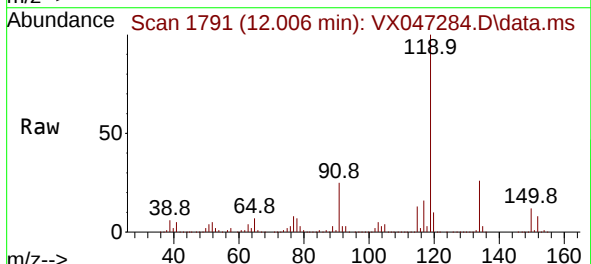
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

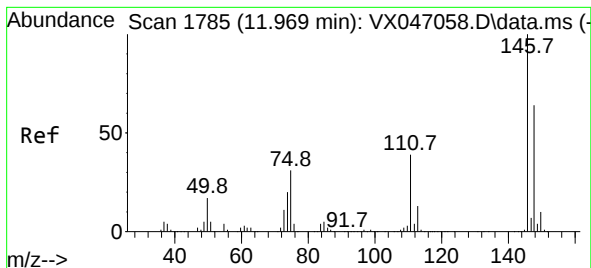
Tgt Ion:105 Resp: 641966
Ion Ratio Lower Upper
105 100
134 19.6 9.9 29.7



#86
p-Isopropyltoluene
Concen: 47.765 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion:119 Resp: 536874
Ion Ratio Lower Upper
119 100
134 25.7 12.8 38.4
91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.591 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

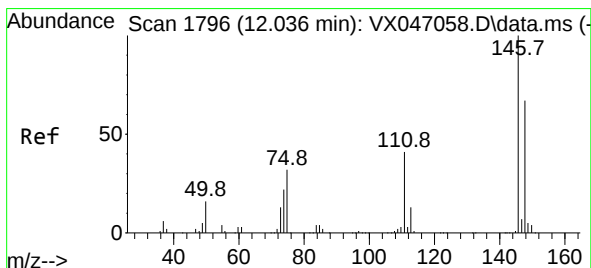
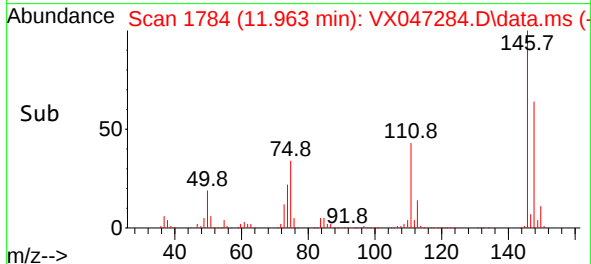
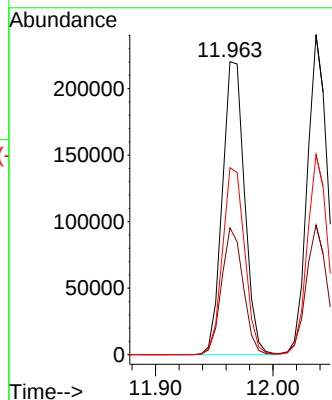
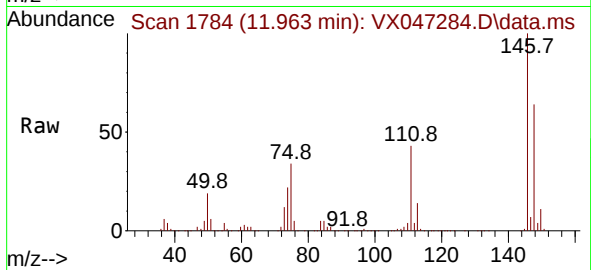
Tgt Ion:146 Resp: 289704

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.252 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

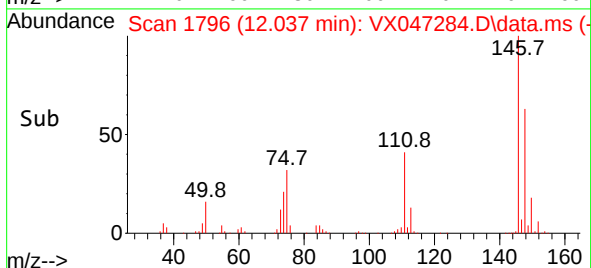
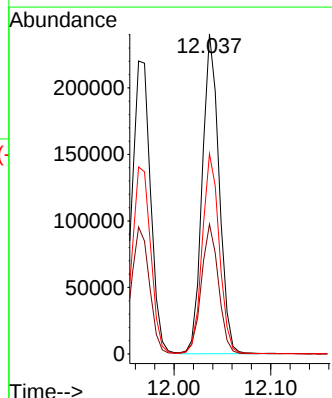
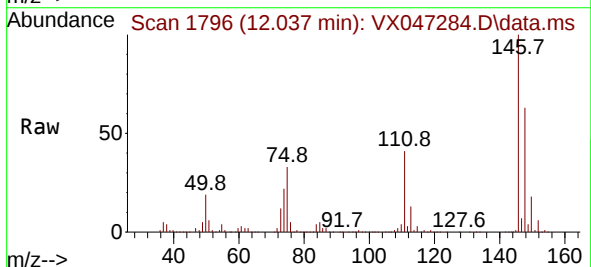
Tgt Ion:146 Resp: 291463

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

148 63.3 33.0 98.9

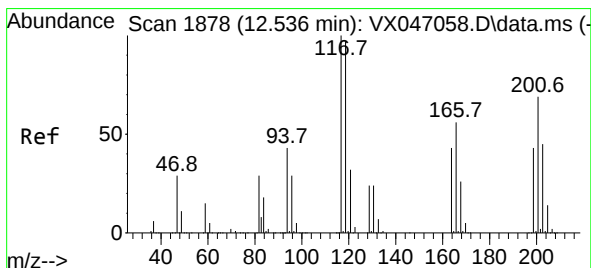
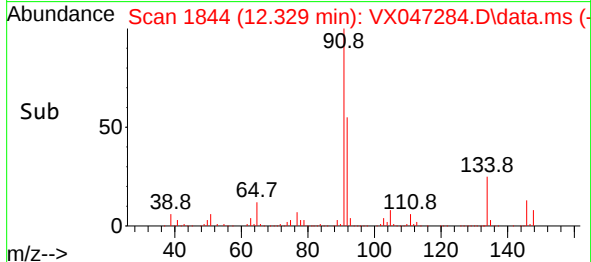
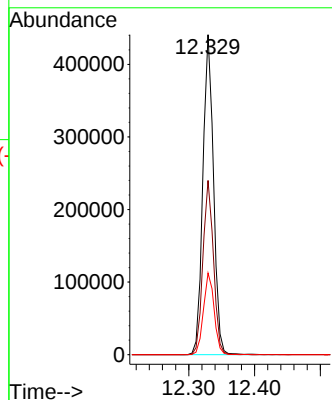
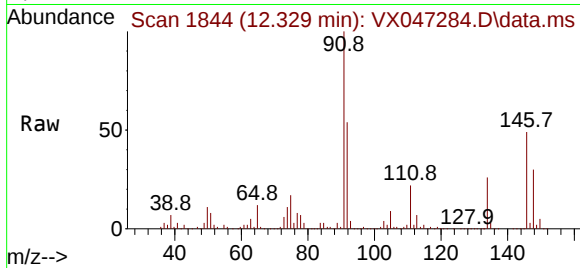




#89
n-Butylbenzene
Concen: 47.076 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

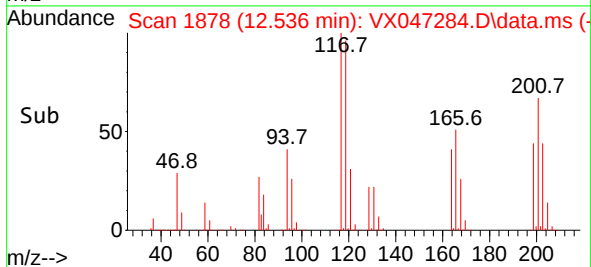
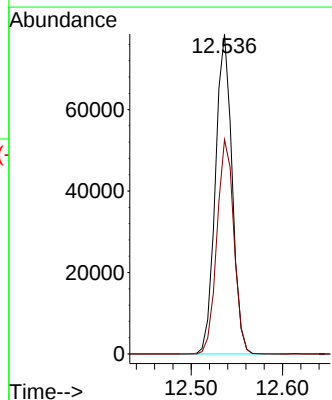
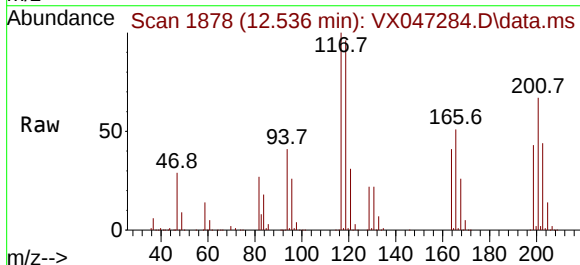
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 496208
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.5
134 25.6 12.8 38.3



#90
Hexachloroethane
Concen: 49.356 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 117 Resp: 99243
Ion Ratio Lower Upper
117 100
201 68.3 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 48.972 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

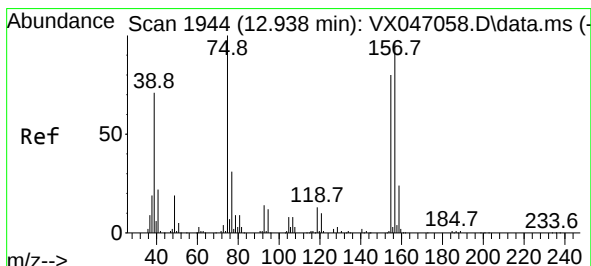
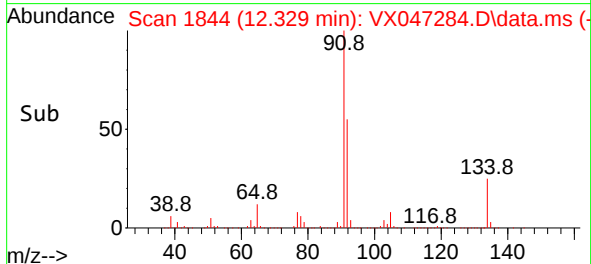
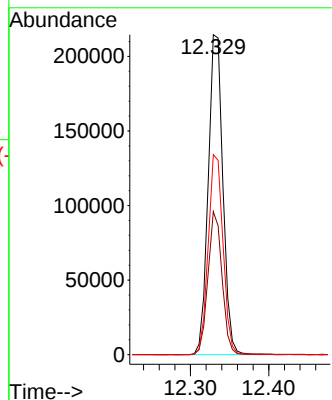
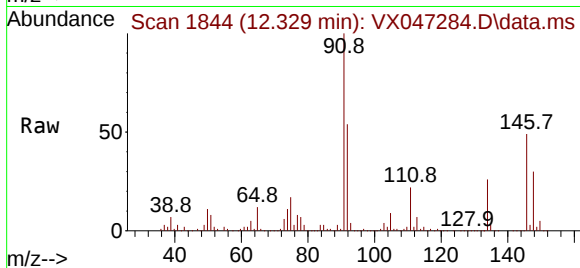
Tgt Ion:146 Resp: 279057

Ion Ratio Lower Upper

146 100

111 42.8 21.6 64.6

148 63.0 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.439 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

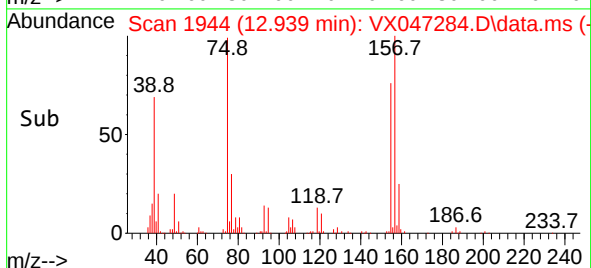
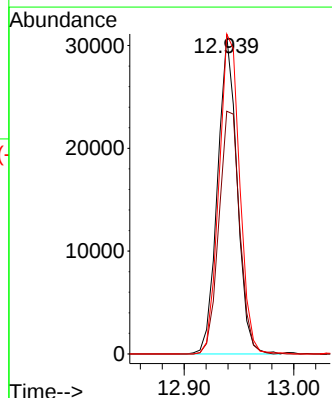
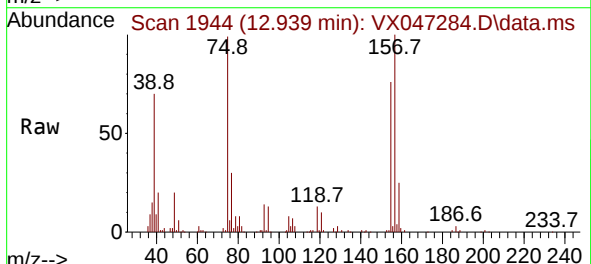
Tgt Ion: 75 Resp: 38332

Ion Ratio Lower Upper

75 100

155 81.1 41.3 124.1

157 106.4 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 49.356 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

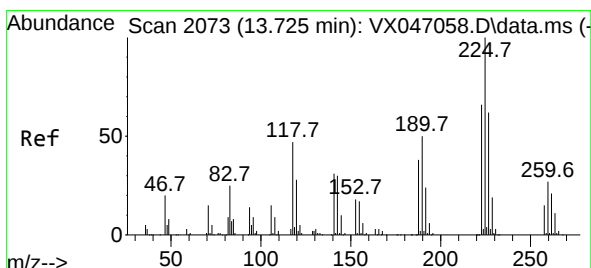
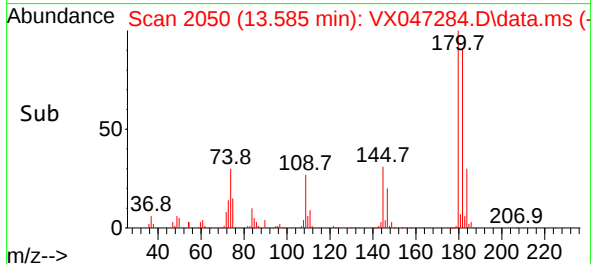
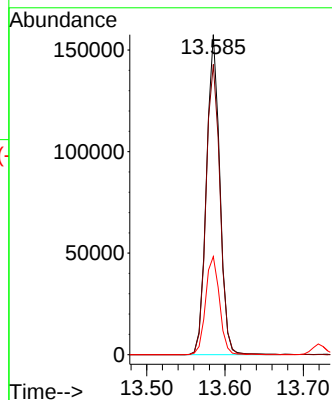
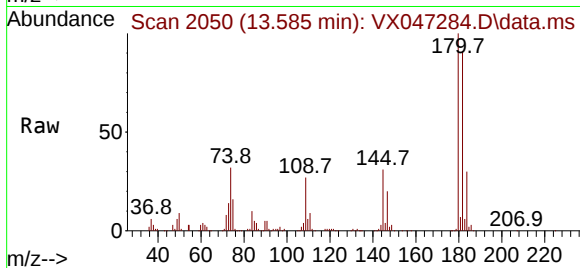
Tgt Ion:180 Resp: 185818

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

145 32.0 16.4 49.1



#94

Hexachlorobutadiene

Concen: 46.820 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

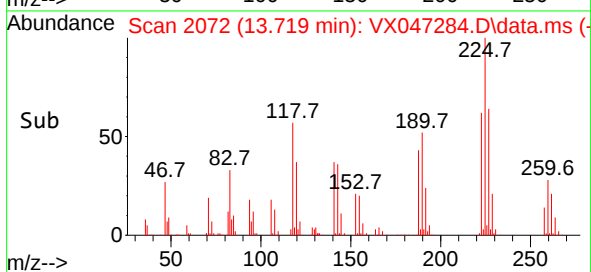
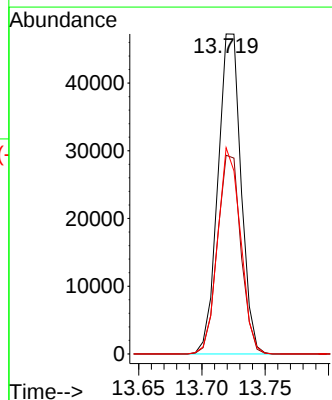
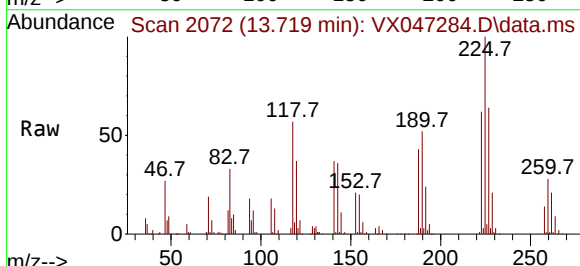
Tgt Ion:225 Resp: 59948

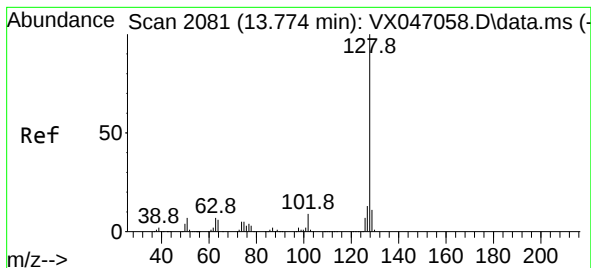
Ion Ratio Lower Upper

225 100

223 63.0 31.6 95.0

227 63.8 32.9 98.6





#95

Naphthalene

Concen: 51.047 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

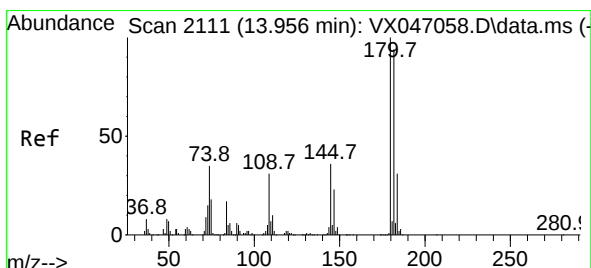
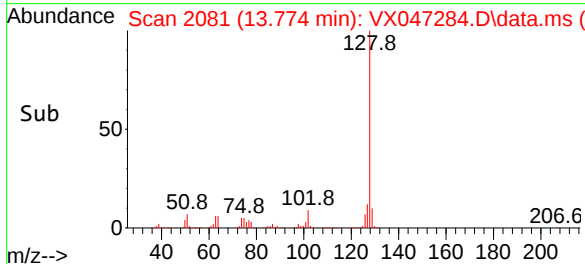
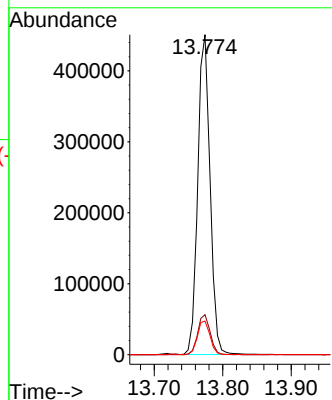
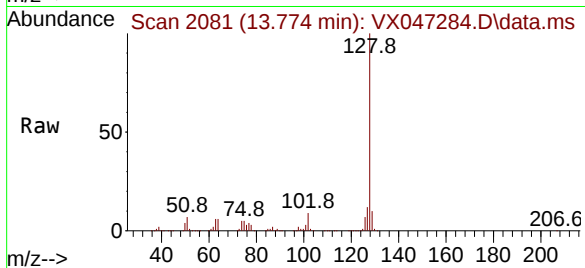
Tgt Ion:128 Resp: 563399

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.170 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Tgt Ion:180 Resp: 174714

Ion Ratio Lower Upper

180 100

182 95.0 46.9 140.6

145 34.2 17.3 52.0

