

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048712.D
 Acq On : 03 Dec 2025 17:50
 Operator : JC/MD
 Sample : VSTDECC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDECC050EC

Quant Time: Dec 04 02:34:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 02:13:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	142149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	290830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	214950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	106777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	118218	61.597	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	123.200%#
35) Dibromofluoromethane	5.373	113	77955	39.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	78.660%
50) Toluene-d8	8.635	98	331891	48.824	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.640%
62) 4-Bromofluorobenzene	11.061	95	97309	39.006	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.020%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	76945	46.962	ug/l	98
3) Chloromethane	1.301	50	104017	65.131	ug/l	97
4) Vinyl Chloride	1.380	62	115409	65.958	ug/l	96
5) Bromomethane	1.611	94	79976	68.792	ug/l	95
6) Chloroethane	1.697	64	69818	67.382	ug/l	100
7) Trichlorofluoromethane	1.898	101	155676	61.231	ug/l	98
8) Diethyl Ether	2.136	74	67998	75.110	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	73553	48.545	ug/l	96
10) Methyl Iodide	2.459	142	121865	55.830	ug/l	98
11) Tert butyl alcohol	2.941	59	78280	269.677	ug/l	100
12) 1,1-Dichloroethene	2.325	96	82794	54.964	ug/l	91
13) Acrolein	2.233	56	63424	404.038	ug/l	100
14) Allyl chloride	2.666	41	116553	40.888	ug/l	96
15) Acrylonitrile	3.056	53	227976	247.077	ug/l	98
16) Acetone	2.374	43	160064	255.188	ug/l	99
17) Carbon Disulfide	2.514	76	204303	44.527	ug/l	99
18) Methyl Acetate	2.697	43	94403	45.440	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	272193	53.029	ug/l	97
20) Methylene Chloride	2.788	84	84155	48.066	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	78933	50.772	ug/l	93
22) Diisopropyl ether	3.751	45	243841	47.767	ug/l	98
23) Vinyl Acetate	3.715	43	1085508	244.626	ug/l	97
24) 1,1-Dichloroethane	3.605	63	138635	47.692	ug/l	98
25) 2-Butanone	4.538	43	285506	261.391	ug/l	94
26) 2,2-Dichloropropane	4.465	77	117075	43.658	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	98930	50.761	ug/l	92
28) Bromochloromethane	4.885	49	55840	40.008	ug/l #	79
29) Tetrahydrofuran	4.983	42	196617	236.358	ug/l	92
30) Chloroform	5.080	83	152250	49.442	ug/l	98
31) Cyclohexane	5.458	56	107368	43.355	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	136988	49.474	ug/l	97
36) 1,1-Dichloropropene	5.684	75	95941	35.819	ug/l	96
37) Ethyl Acetate	4.696	43	129010	37.939	ug/l #	97
38) Carbon Tetrachloride	5.666	117	119545	38.839	ug/l	98
39) Methylcyclohexane	7.367	83	147588	47.341	ug/l	96
40) Benzene	6.025	78	421501	53.540	ug/l	97

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 ClientSampleId :
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 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 02:13:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	59099	38.397	ug/l	95
42) 1,2-Dichloroethane	6.074	62	151983	53.763	ug/l	98
43) Isopropyl Acetate	6.324	43	277482	58.109	ug/l	97
44) Trichloroethene	7.110	130	105176	50.746	ug/l	98
45) 1,2-Dichloropropane	7.415	63	106236	55.211	ug/l	97
46) Dibromomethane	7.568	93	79492	53.698	ug/l	98
47) Bromodichloromethane	7.805	83	160506	52.887	ug/l	100
48) Methyl methacrylate	7.677	41	134859	59.110	ug/l	97
49) 1,4-Dioxane	7.647	88	37363	1336.169	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	883211	293.440	ug/l	97
52) Toluene	8.702	92	209739	43.410	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	130553	43.214	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	176994	55.238	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	83254	43.464	ug/l	99
56) Ethyl methacrylate	9.098	69	133982	43.651	ug/l	100
57) 1,3-Dichloropropane	9.293	76	135057	41.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	461039	292.843	ug/l	96
59) 2-Hexanone	9.415	43	442337	204.821	ug/l	98
60) Dibromochloromethane	9.506	129	107132	44.842	ug/l	98
61) 1,2-Dibromoethane	9.592	107	91214	43.069	ug/l	98
64) Tetrachloroethene	9.256	164	73036	49.479	ug/l	98
65) Chlorobenzene	10.061	112	229992	50.508	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	84878	53.578	ug/l	99
67) Ethyl Benzene	10.177	91	375692	50.222	ug/l	100
68) m/p-Xylenes	10.287	106	290215	100.713	ug/l	98
69) o-Xylene	10.628	106	145359	52.359	ug/l	99
70) Styrene	10.640	104	252447	54.102	ug/l	99
71) Bromoform	10.781	173	79394	55.022	ug/l #	100
73) Isopropylbenzene	10.945	105	356925	50.014	ug/l	99
74) N-amyl acetate	10.823	43	157016	48.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	119961	49.095	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	143147	66.721	ug/l	89
77) Bromobenzene	11.183	156	100681	52.348	ug/l	96
78) n-propylbenzene	11.287	91	401924	48.096	ug/l	99
79) 2-Chlorotoluene	11.348	91	256344	50.473	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	297243	50.921	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	42850	51.367	ug/l #	95
82) 4-Chlorotoluene	11.439	91	298466	50.526	ug/l	100
83) tert-Butylbenzene	11.695	119	313533	51.782	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	306845	52.769	ug/l	99
85) sec-Butylbenzene	11.872	105	356557	48.648	ug/l	100
86) p-Isopropyltoluene	11.988	119	313212	51.730	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	179168	51.185	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	182163	50.985	ug/l	98
89) n-Butylbenzene	12.311	91	269277	47.217	ug/l	99
90) Hexachloroethane	12.518	117	59346	48.690	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	173113	53.111	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	28434	51.202	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	114963	55.400	ug/l	100
94) Hexachlorobutadiene	13.707	225	42208	48.850	ug/l	99
95) Naphthalene	13.756	128	384979	60.781	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	110933	57.913	ug/l	99

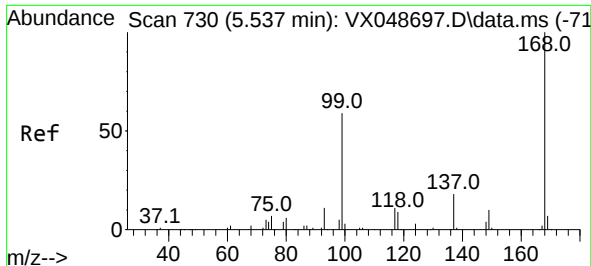
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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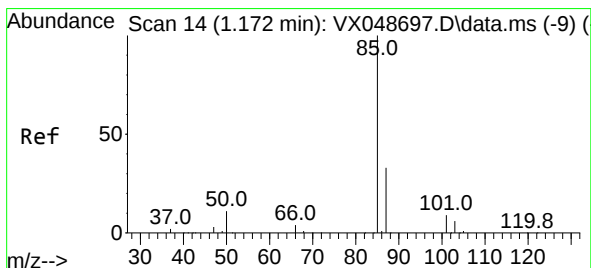
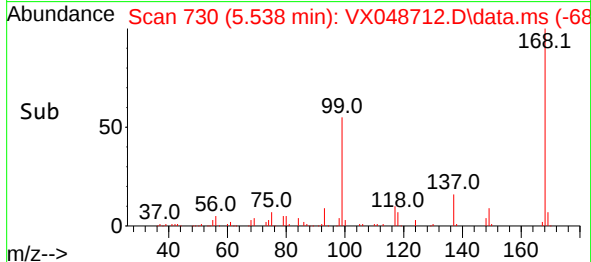
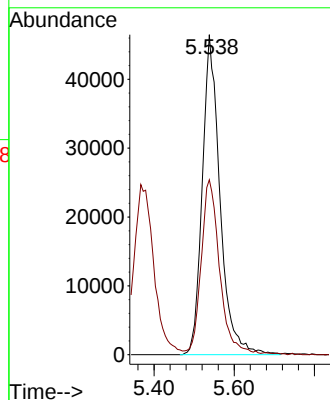
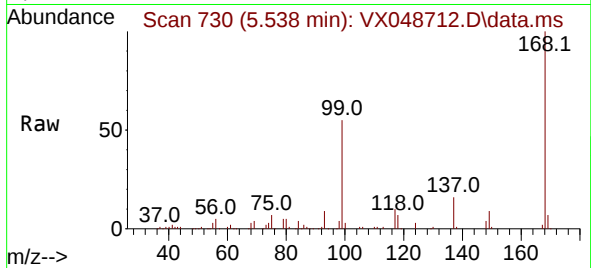
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

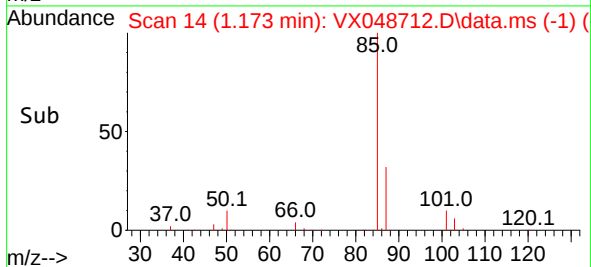
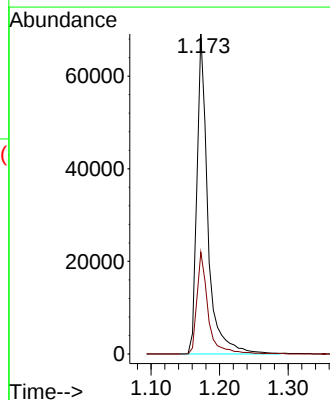
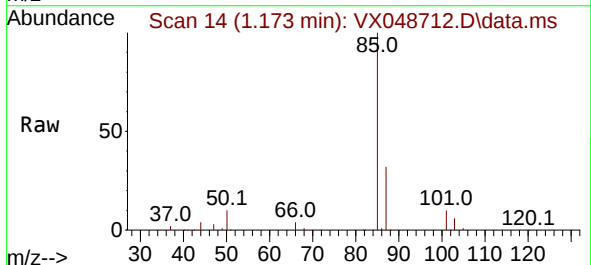
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

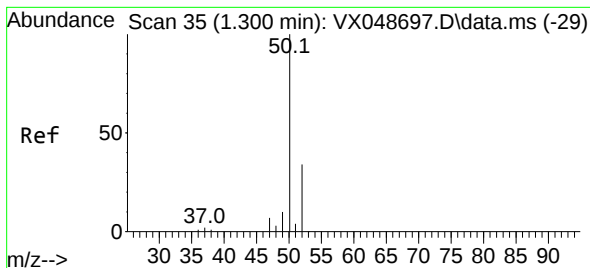
Tgt Ion:168 Resp: 142149
Ion Ratio Lower Upper
168 100
99 54.4 48.3 72.5



#2
Dichlorodifluoromethane
Concen: 46.962 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 85 Resp: 76945
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.7





#3

Chloromethane

Concen: 65.131 ug/l

RT: 1.301 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

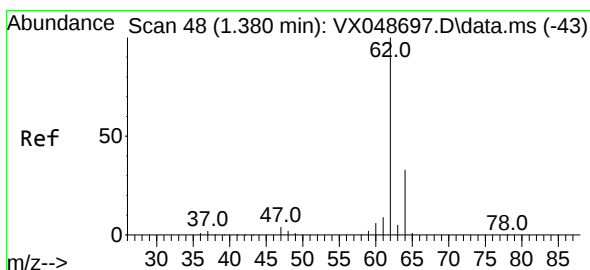
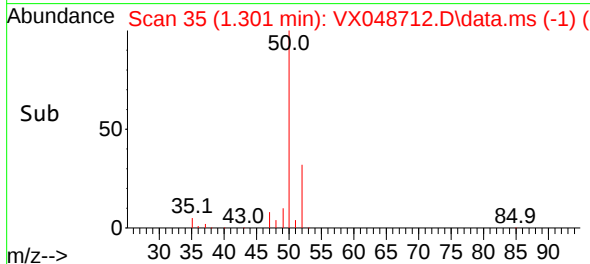
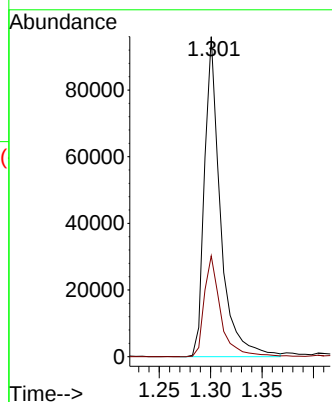
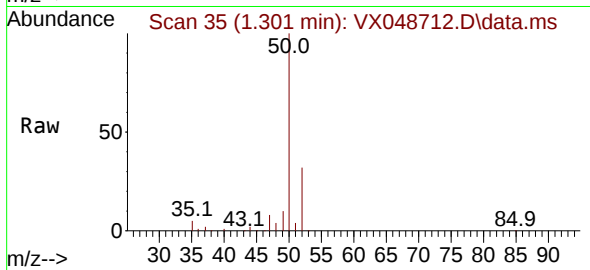
VSTDCCC050EC

Tgt Ion: 50 Resp: 104017

Ion Ratio Lower Upper

50 100

52 31.5 26.8 40.2



#4

Vinyl Chloride

Concen: 65.958 ug/l

RT: 1.380 min Scan# 48

Delta R.T. 0.000 min

Lab File: VX048712.D

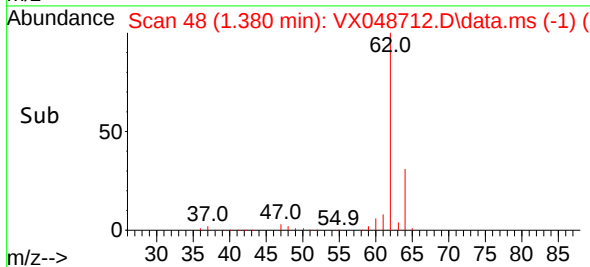
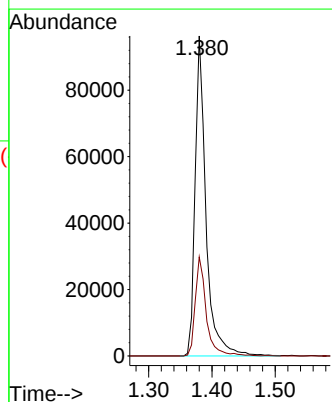
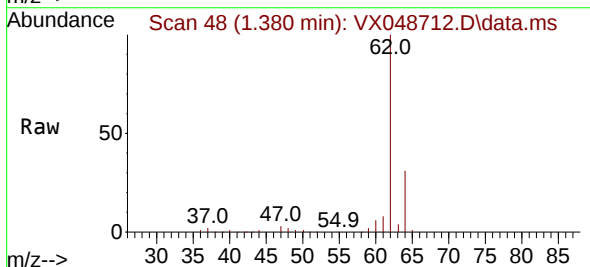
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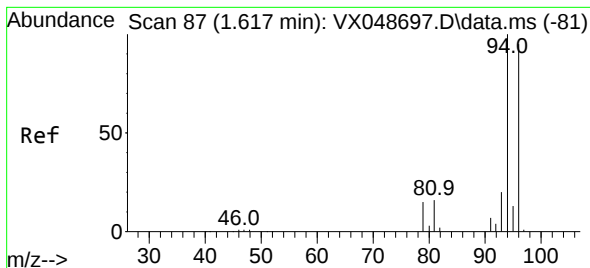
Tgt Ion: 62 Resp: 115409

Ion Ratio Lower Upper

62 100

64 31.0 26.7 40.1





#5

Bromomethane

Concen: 68.792 ug/l

RT: 1.611 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

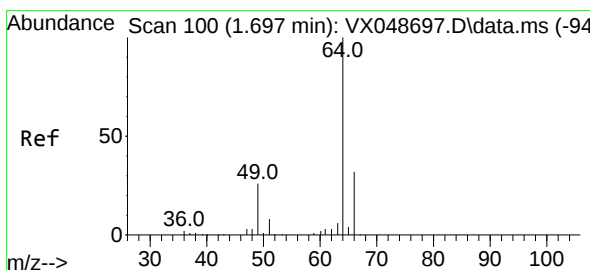
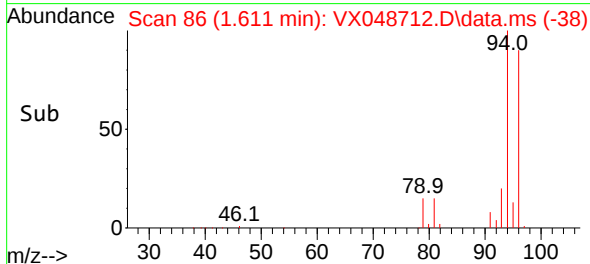
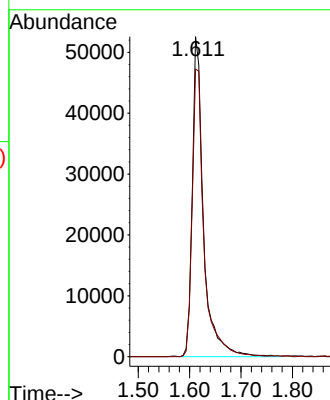
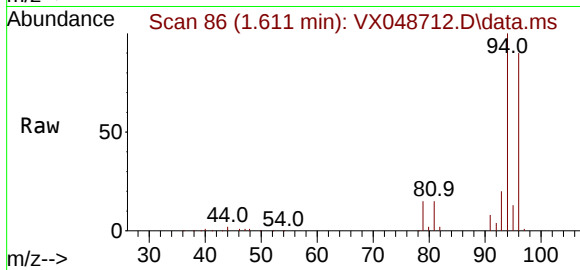
VSTDCCC050EC

Tgt Ion: 94 Resp: 79976

Ion Ratio Lower Upper

94 100

96 89.9 76.1 114.1



#6

Chloroethane

Concen: 67.382 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.000 min

Lab File: VX048712.D

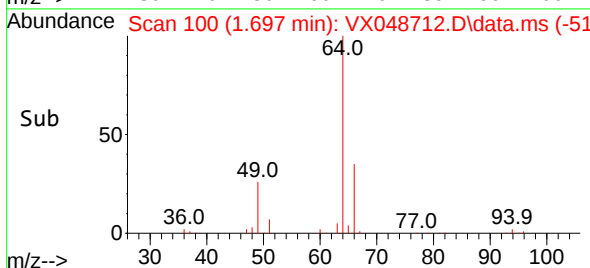
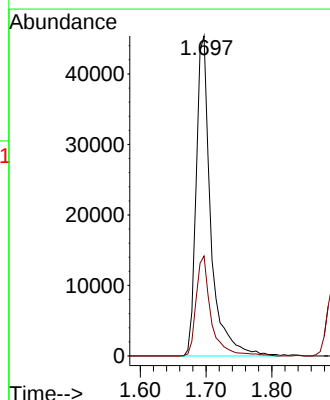
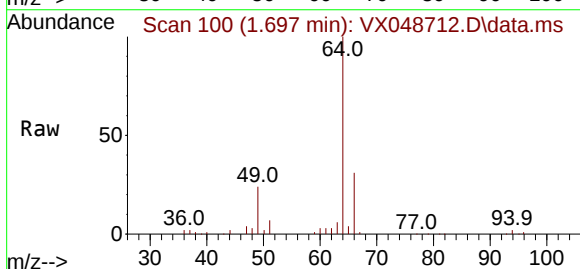
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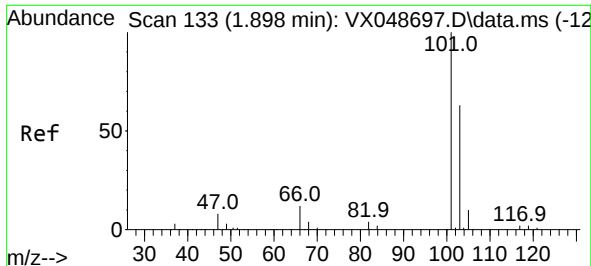
Tgt Ion: 64 Resp: 69818

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8

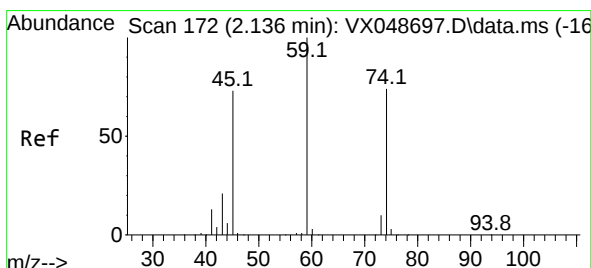
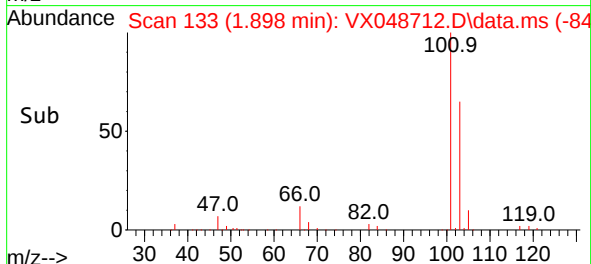
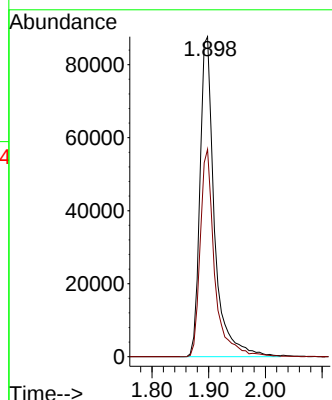
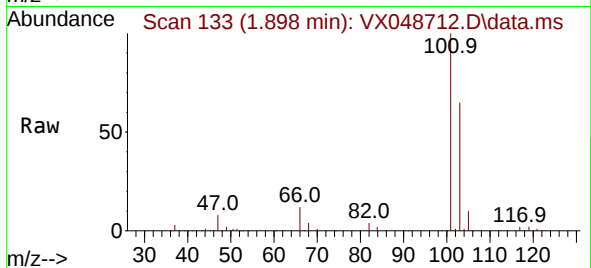




#7
 Trichlorofluoromethane
 Concen: 61.231 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048712.D
 Acq: 03 Dec 2025 17:50

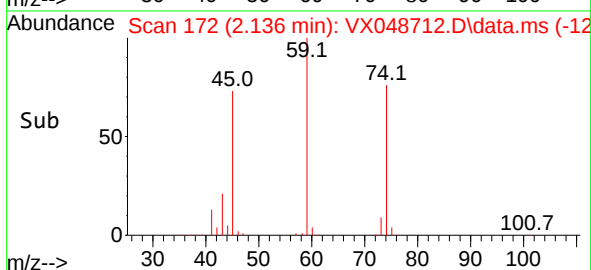
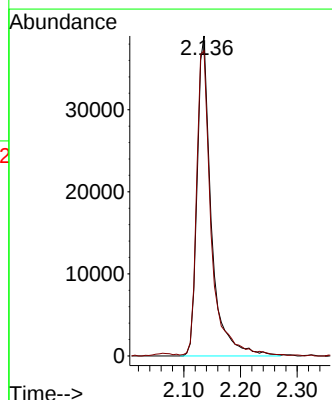
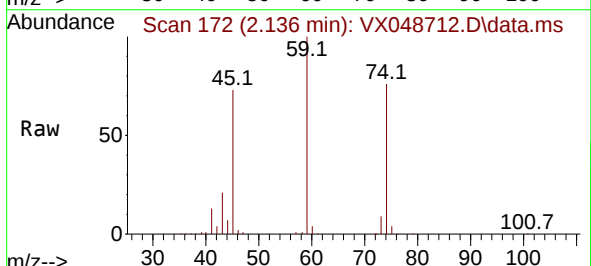
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

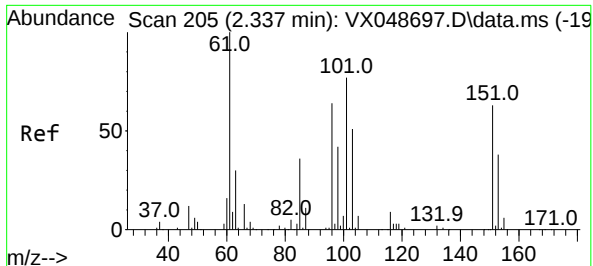
Tgt Ion:101 Resp: 155676
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.5 75.7



#8
 Diethyl Ether
 Concen: 75.110 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048712.D
 Acq: 03 Dec 2025 17:50

Tgt Ion: 74 Resp: 67998
 Ion Ratio Lower Upper
 74 100
 45 97.7 48.1 144.4

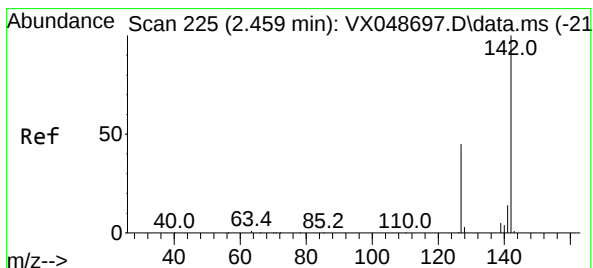
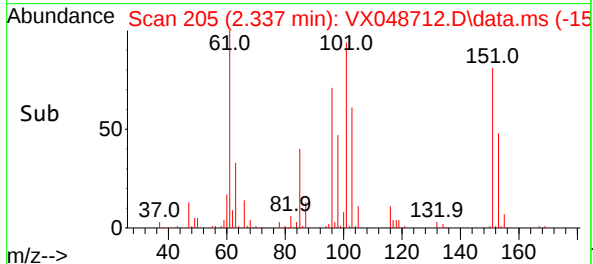
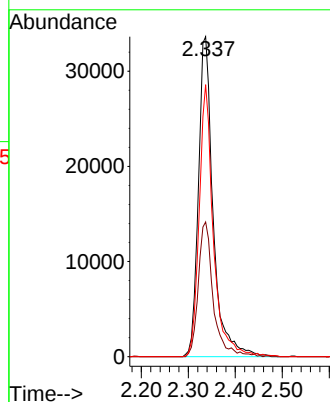
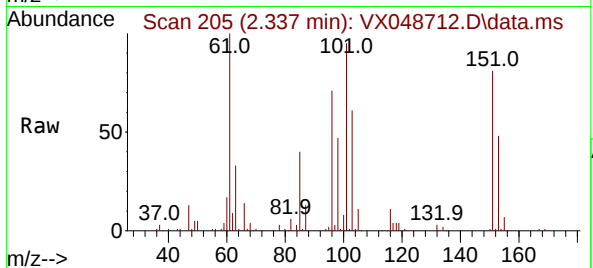




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.545 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048712.D
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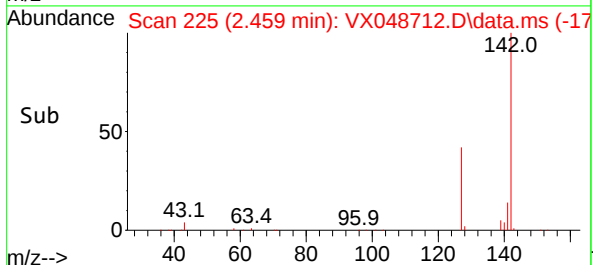
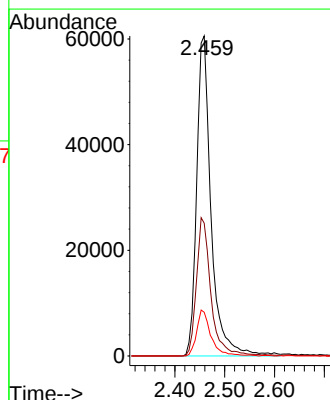
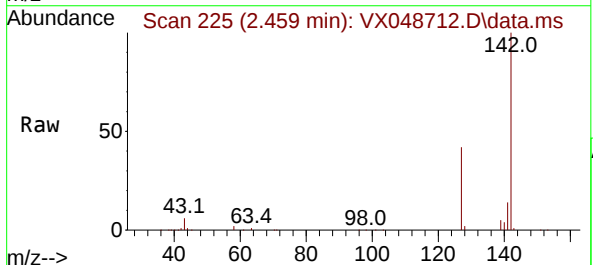
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

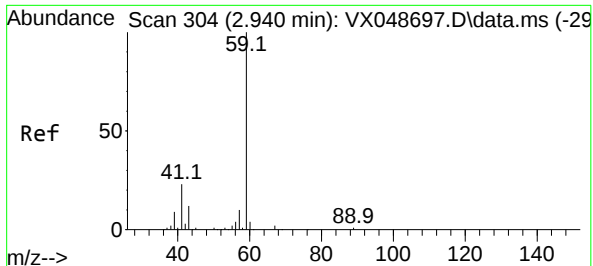
Tgt Ion:101 Resp: 73553
Ion Ratio Lower Upper
101 100
85 42.7 35.5 53.3
151 82.0 62.2 93.4



#10
Methyl Iodide
Concen: 55.830 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion:142 Resp: 121865
Ion Ratio Lower Upper
142 100
127 43.6 36.1 54.1
141 14.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 269.677 ug/l

RT: 2.941 min Scan# 304

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

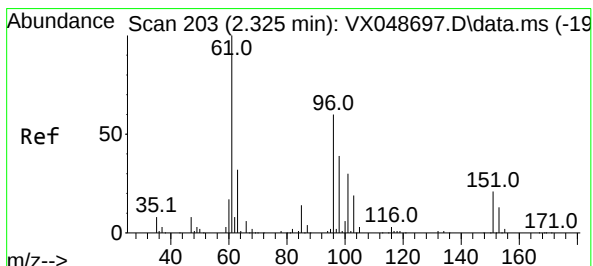
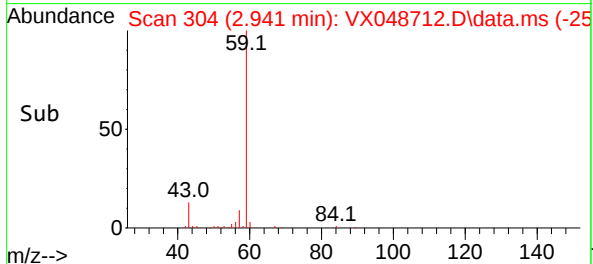
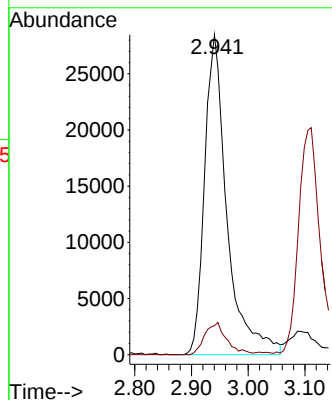
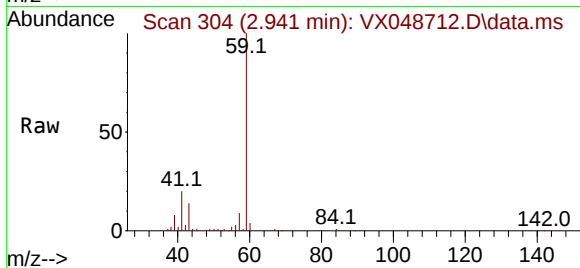
VSTDCCC050EC

Tgt Ion: 59 Resp: 78280

Ion Ratio Lower Upper

59 100

57 9.8 8.0 12.0



#12

1,1-Dichloroethene

Concen: 54.964 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

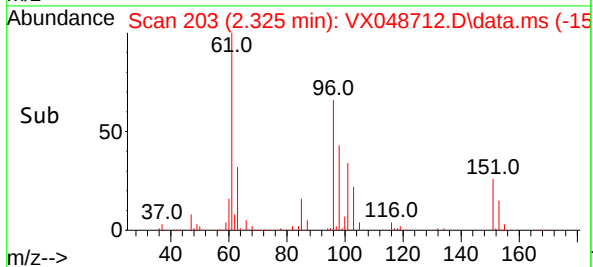
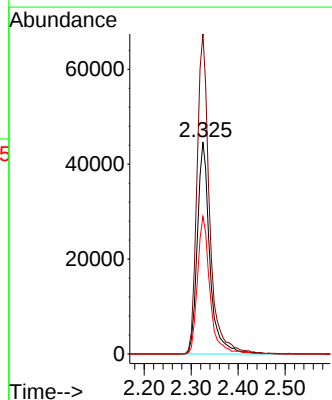
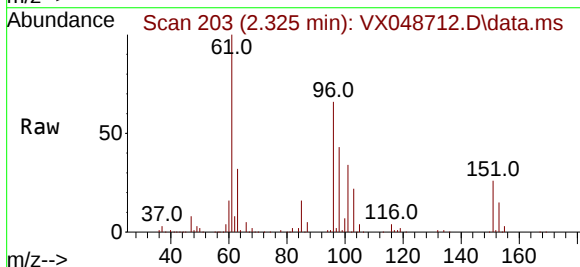
Tgt Ion: 96 Resp: 82794

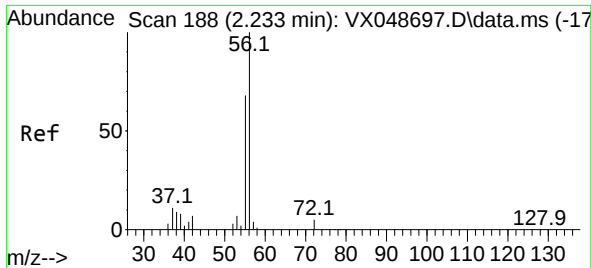
Ion Ratio Lower Upper

96 100

61 151.0 133.5 200.3

98 64.9 52.2 78.4

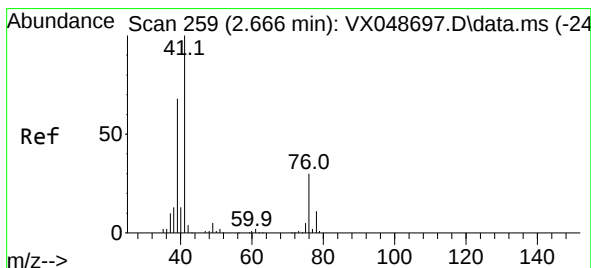
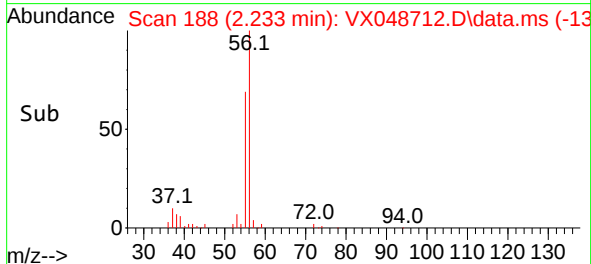
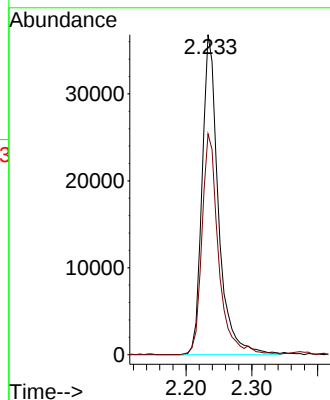
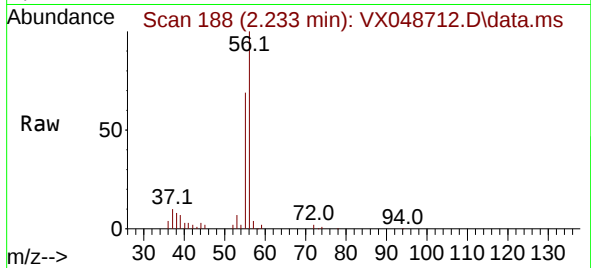




#13
Acrolein
Concen: 404.038 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

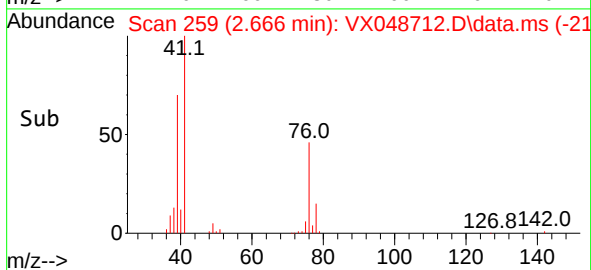
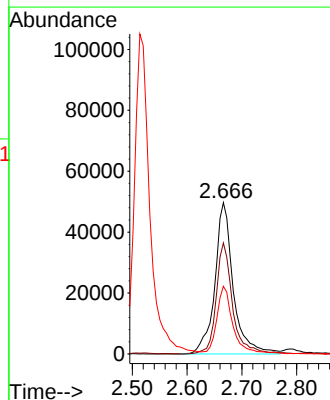
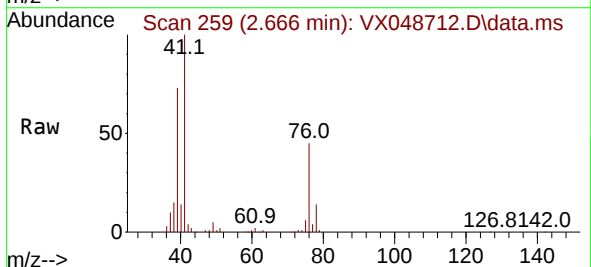
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

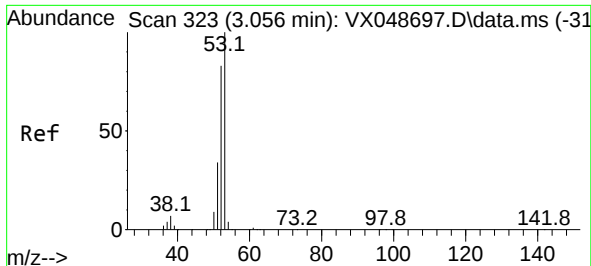
Tgt Ion: 56 Resp: 63424
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.4



#14
Allyl chloride
Concen: 40.888 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 41 Resp: 116553
Ion Ratio Lower Upper
41 100
39 64.4 50.7 76.1
76 38.9 27.1 40.7

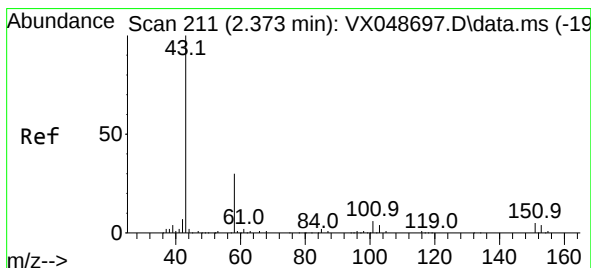
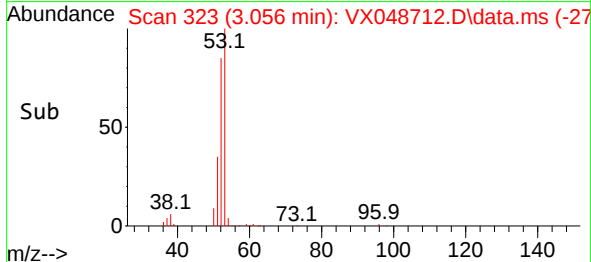
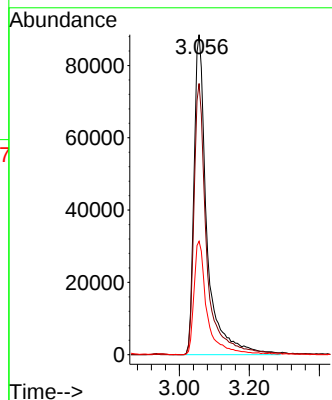
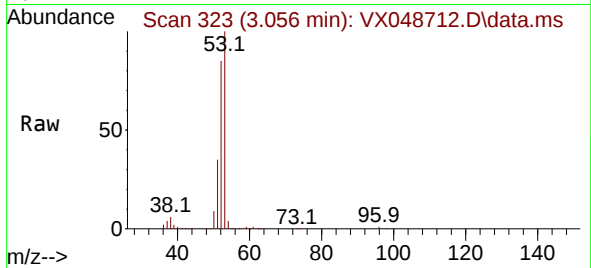




#15
Acrylonitrile
Concen: 247.077 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

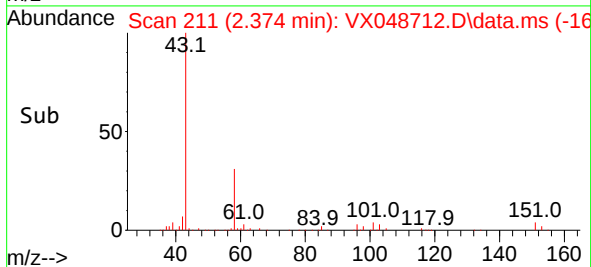
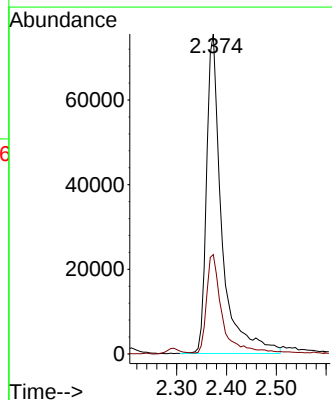
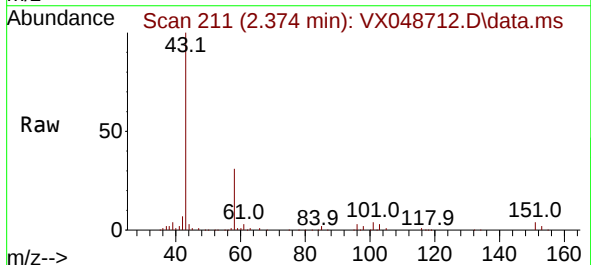
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

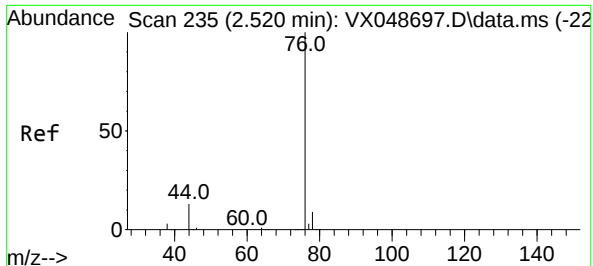
Tgt Ion: 53 Resp: 227976
Ion Ratio Lower Upper
53 100
52 83.3 65.4 98.0
51 36.0 28.3 42.5



#16
Acetone
Concen: 255.188 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 43 Resp: 160064
Ion Ratio Lower Upper
43 100
58 30.3 24.9 37.3

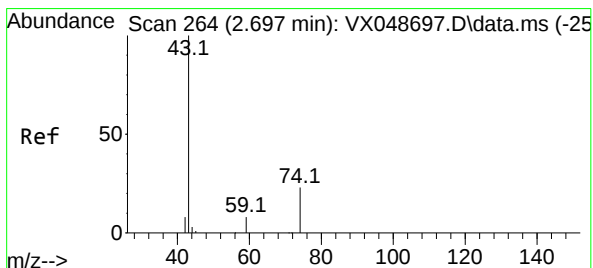
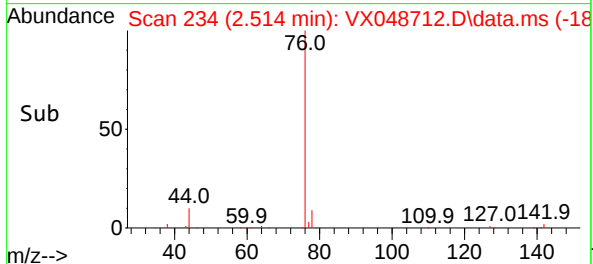
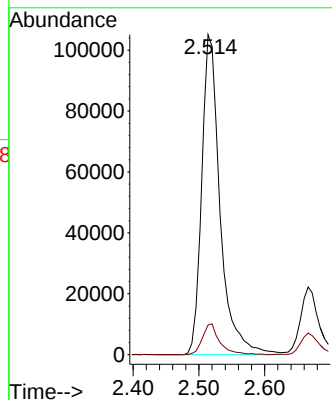
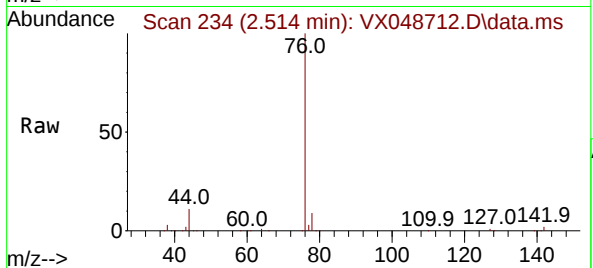




#17
Carbon Disulfide
Concen: 44.527 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

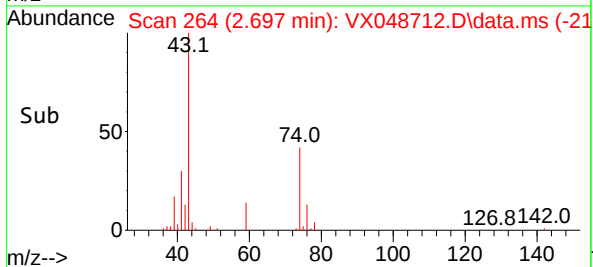
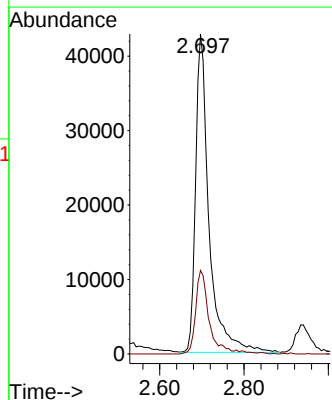
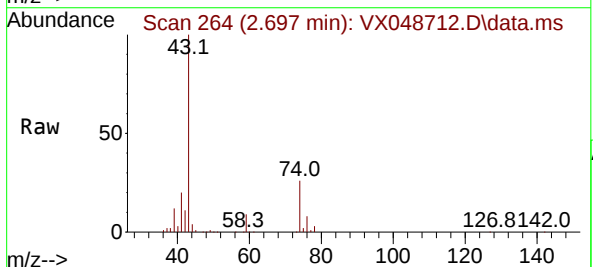
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

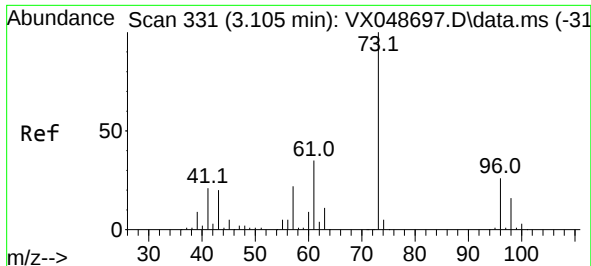
Tgt Ion: 76 Resp: 204303
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 45.440 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 43 Resp: 94403
Ion Ratio Lower Upper
43 100
74 25.8 19.0 28.6

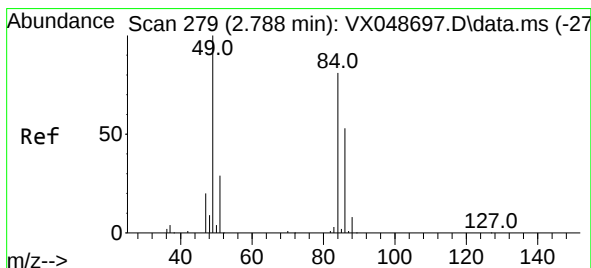
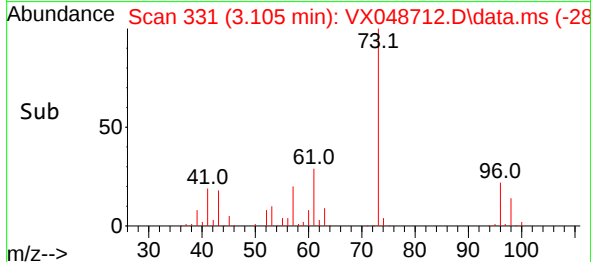
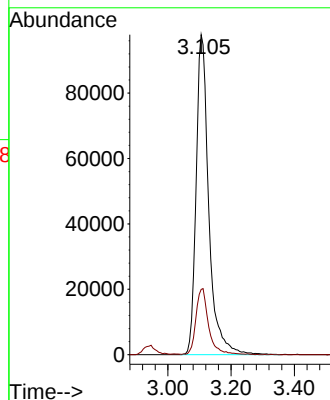
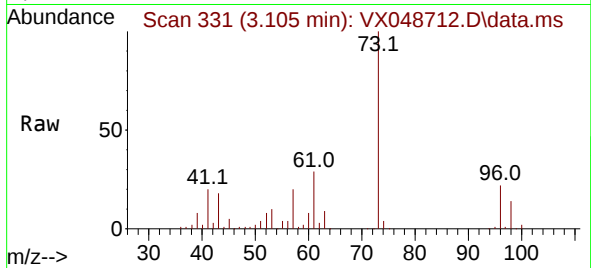




#19
Methyl tert-butyl Ether
Concen: 53.029 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

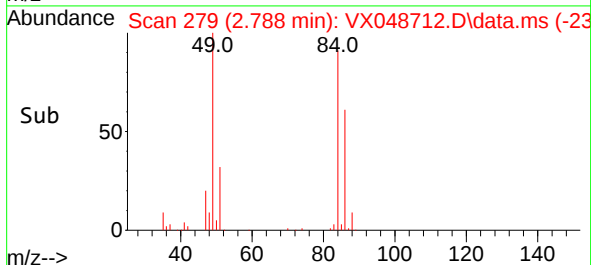
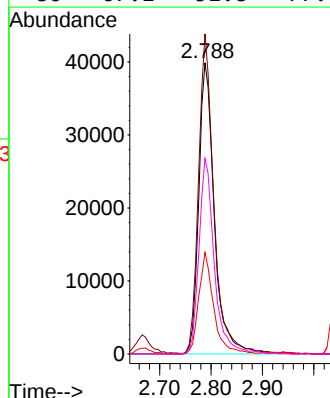
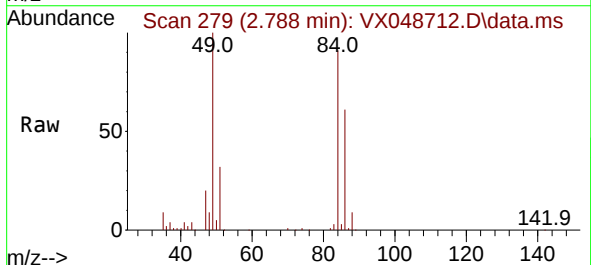
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

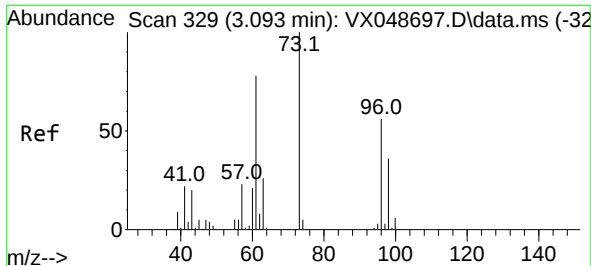
Tgt Ion: 73 Resp: 272193
Ion Ratio Lower Upper
73 100
57 20.4 17.5 26.3



#20
Methylene Chloride
Concen: 48.066 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 84 Resp: 84155
Ion Ratio Lower Upper
84 100
49 109.7 98.6 148.0
51 34.8 28.7 43.1
86 67.1 51.8 77.8

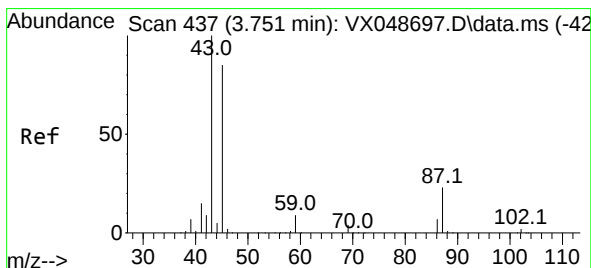
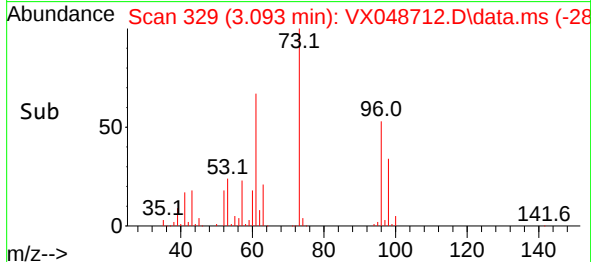
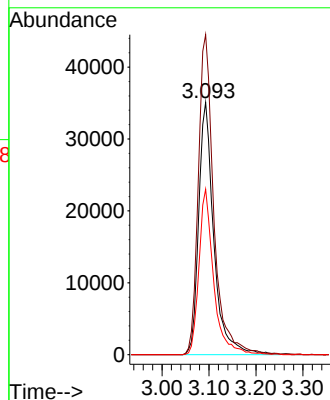
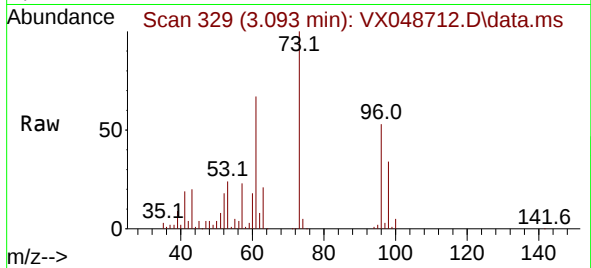




#21
trans-1,2-Dichloroethene
Concen: 50.772 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

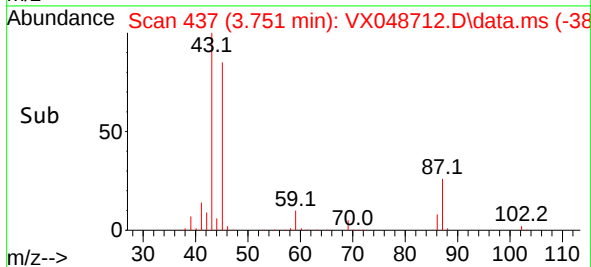
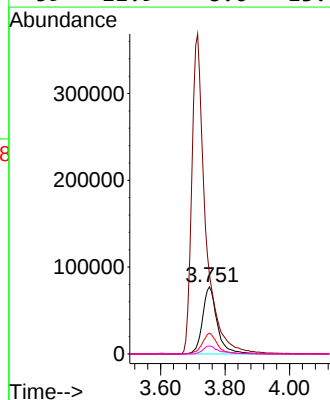
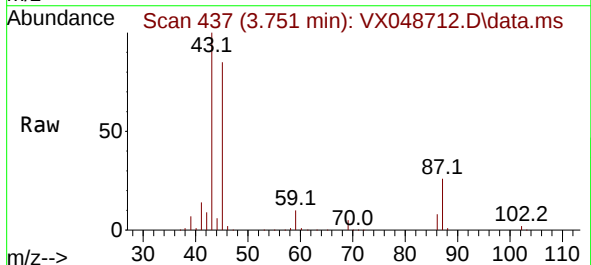
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

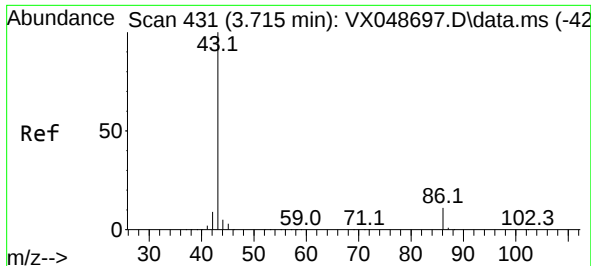
Tgt Ion: 96 Resp: 78933
Ion Ratio Lower Upper
96 100
61 126.9 110.6 166.0
98 65.6 51.1 76.7



#22
Diisopropyl ether
Concen: 47.767 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 45 Resp: 243841
Ion Ratio Lower Upper
45 100
43 117.5 94.6 141.8
87 30.9 21.7 32.5
59 11.9 8.6 13.0

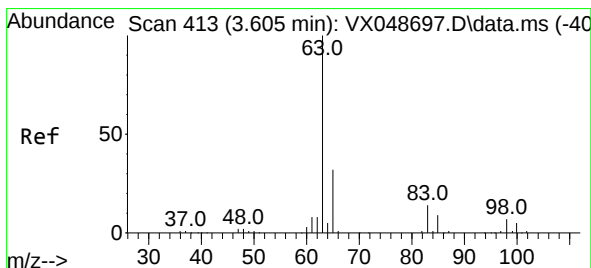
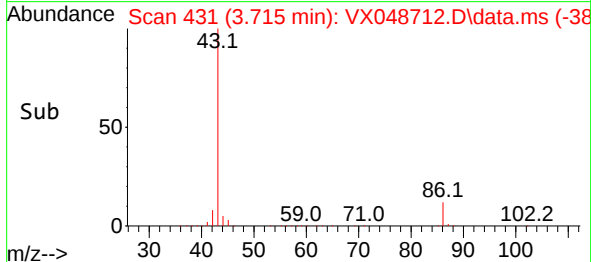
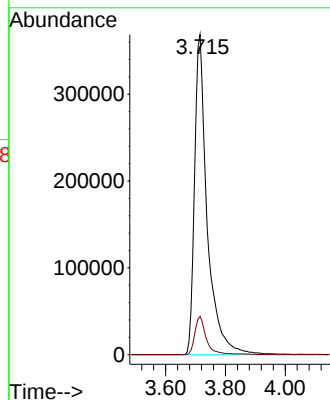
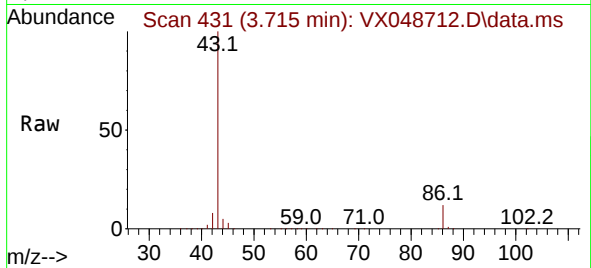




#23
 Vinyl Acetate
 Concen: 244.626 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048712.D
 Acq: 03 Dec 2025 17:50

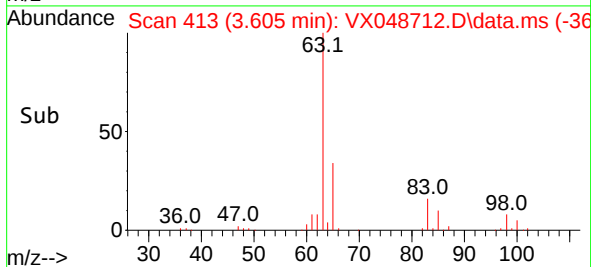
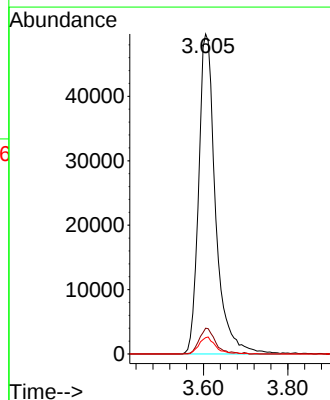
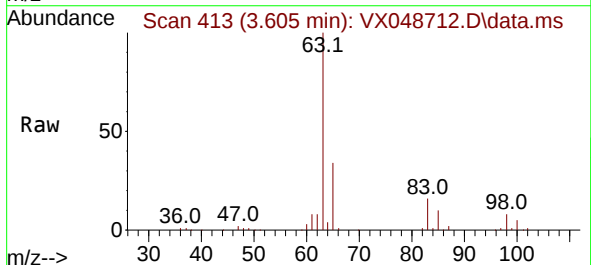
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

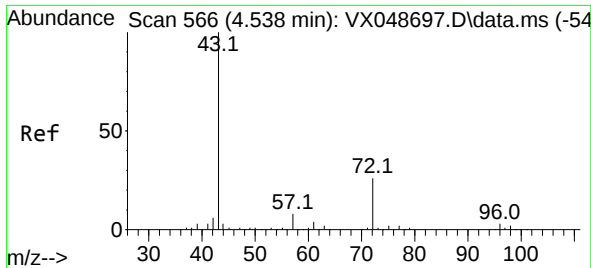
Tgt Ion: 43 Resp: 1085508
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 47.692 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048712.D
 Acq: 03 Dec 2025 17:50

Tgt Ion: 63 Resp: 138635
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.5
 100 5.1 2.3 6.9

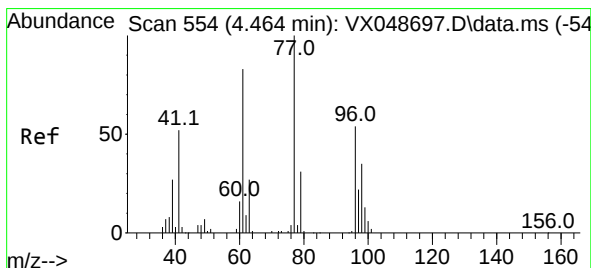
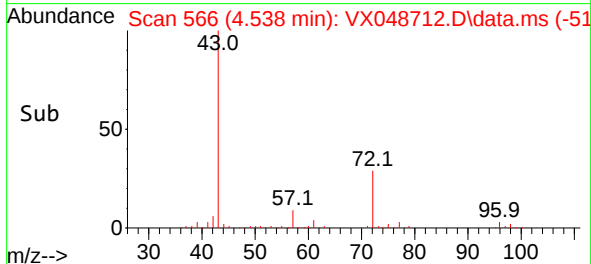
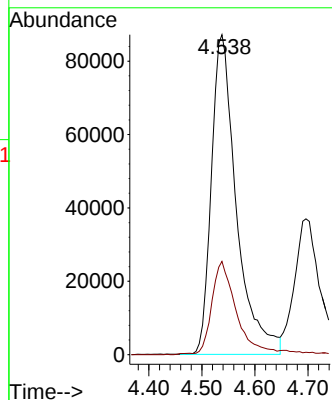
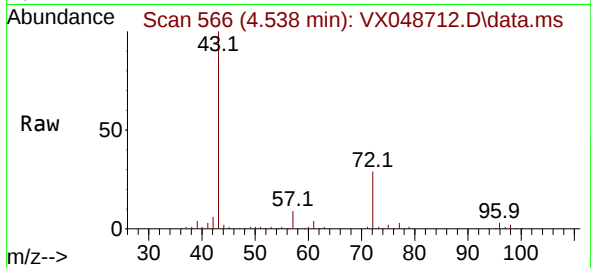




#25
2-Butanone
Concen: 261.391 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

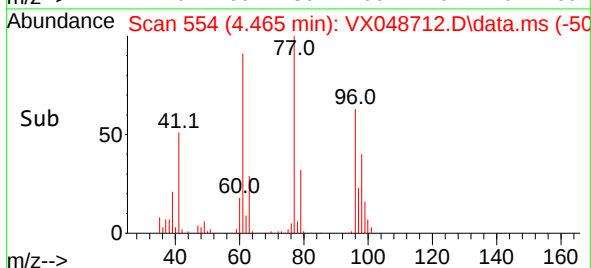
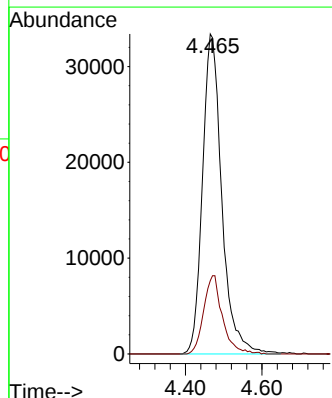
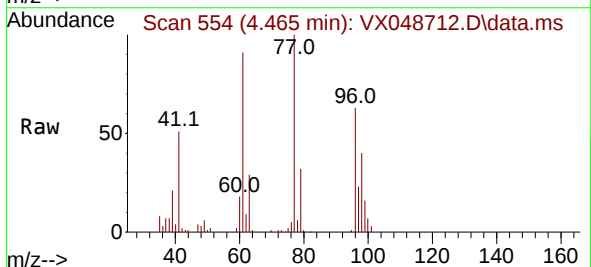
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

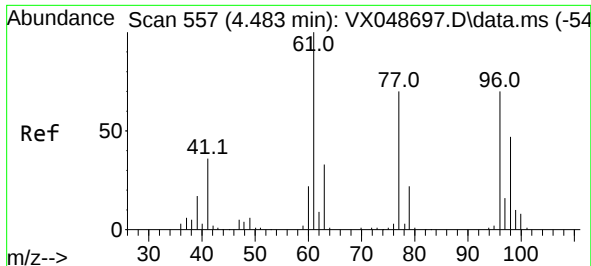
Tgt Ion: 43 Resp: 285506
Ion Ratio Lower Upper
43 100
72 28.8 20.6 31.0



#26
2,2-Dichloropropane
Concen: 43.658 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 77 Resp: 117075
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.761 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

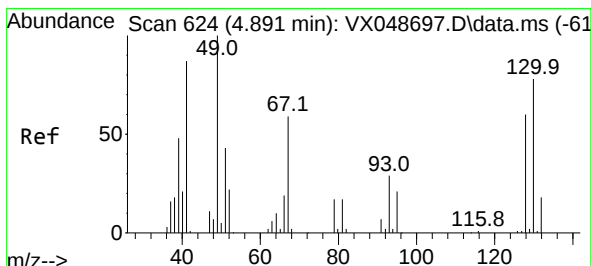
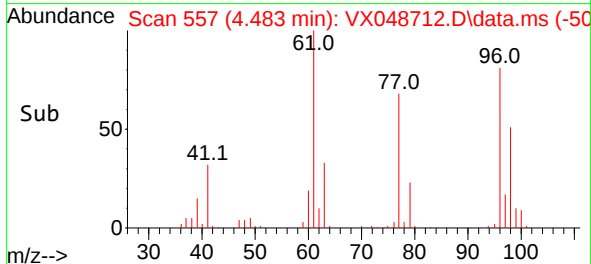
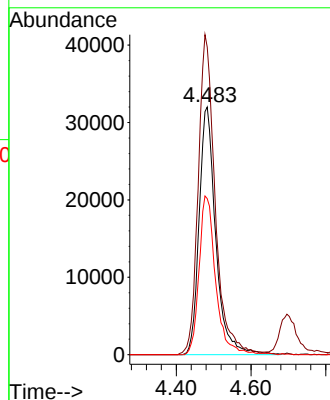
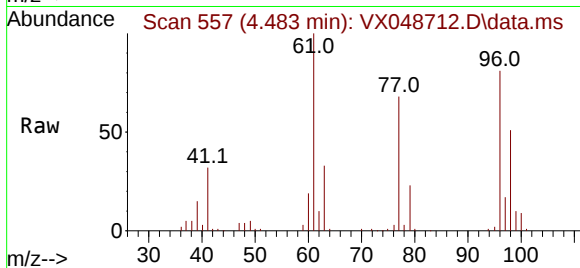
Tgt Ion: 96 Resp: 98930

Ion Ratio Lower Upper

96 100

61 131.9 0.0 291.6

98 63.8 0.0 128.6



#28

Bromochloromethane

Concen: 40.008 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

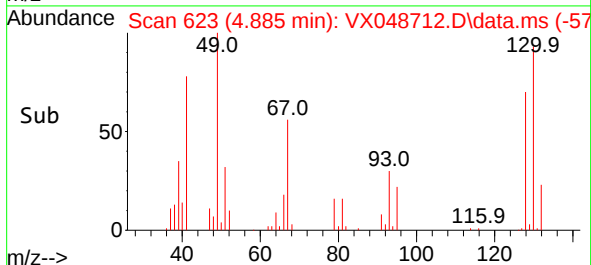
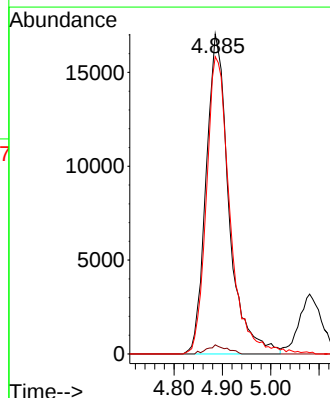
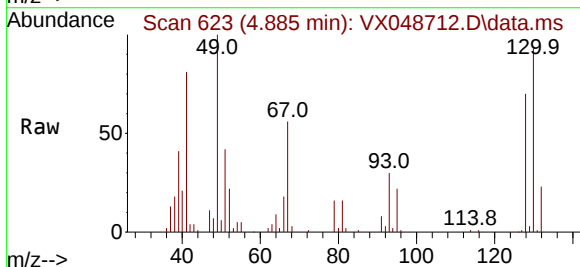
Tgt Ion: 49 Resp: 55840

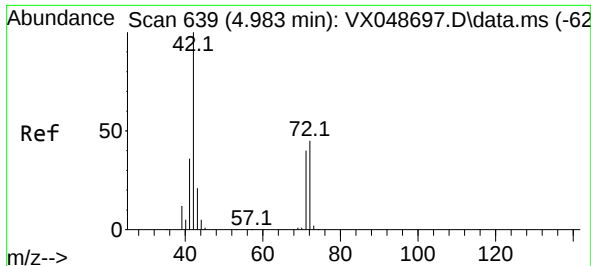
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.0

130 96.0 61.8 92.8#





#29

Tetrahydrofuran

Concen: 236.358 ug/l

RT: 4.983 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

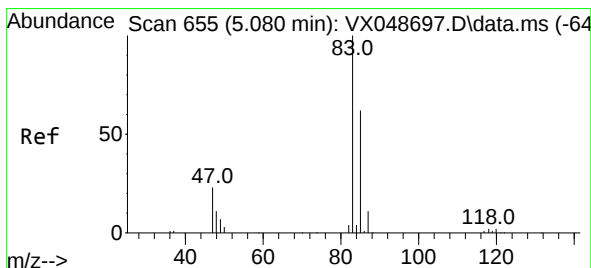
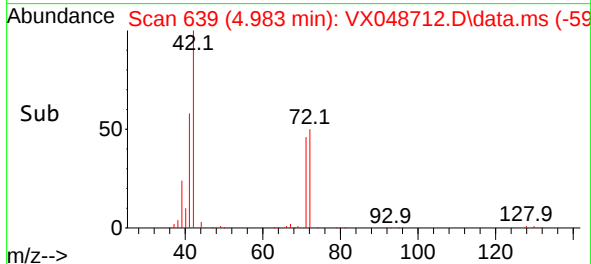
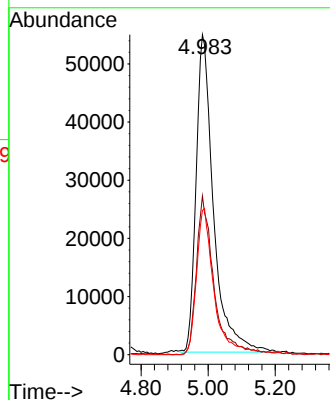
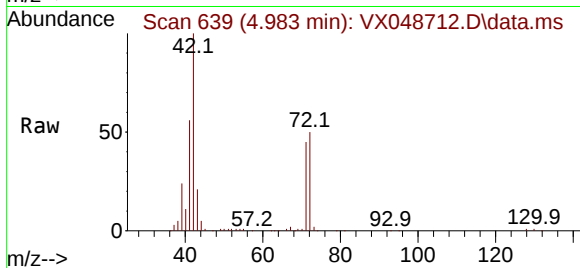
Tgt Ion: 42 Resp: 196617

Ion Ratio Lower Upper

42 100

72 50.4 36.6 55.0

71 46.8 33.0 49.6



#30

Chloroform

Concen: 49.442 ug/l

RT: 5.080 min Scan# 655

Delta R.T. 0.000 min

Lab File: VX048712.D

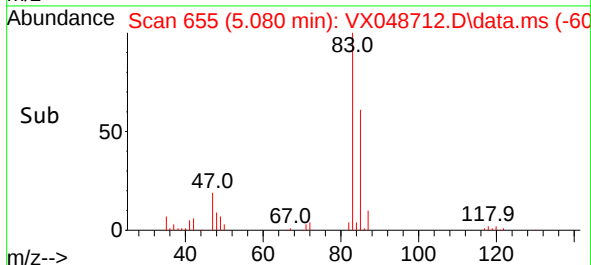
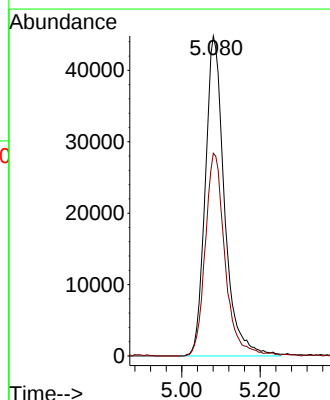
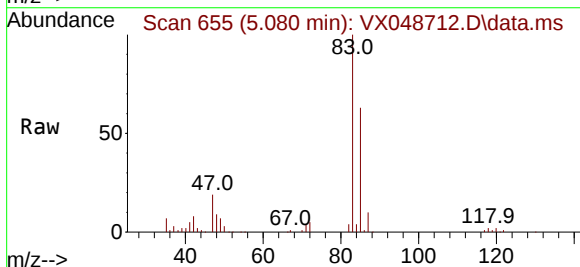
Acq: 03 Dec 2025 17:50

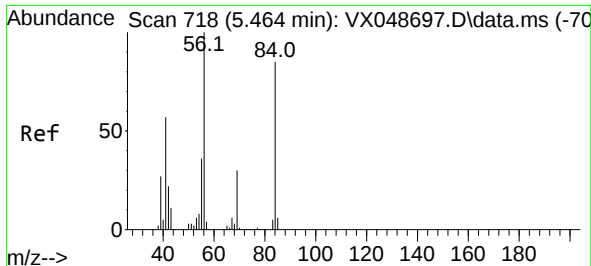
Tgt Ion: 83 Resp: 152250

Ion Ratio Lower Upper

83 100

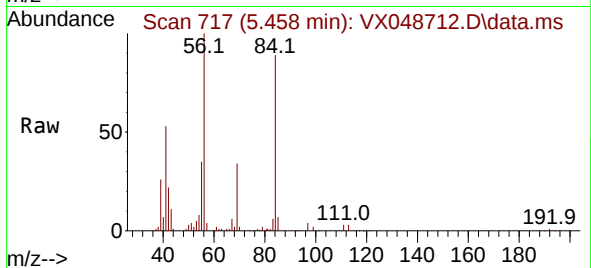
85 63.4 49.6 74.4



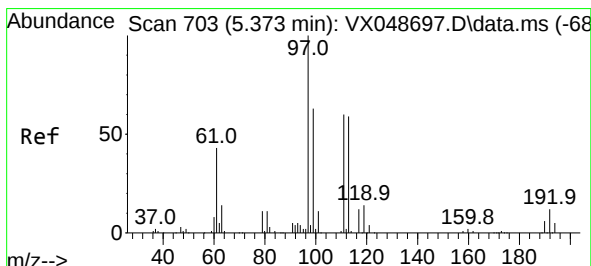
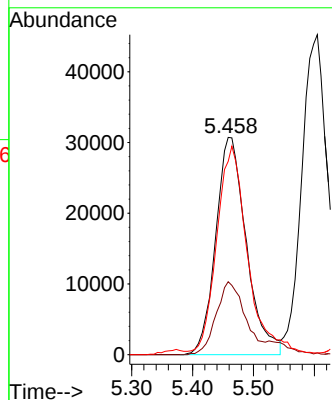
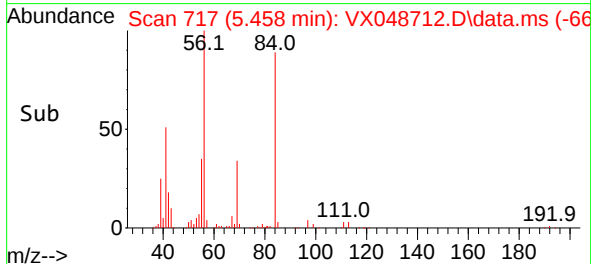


#31
Cyclohexane
Concen: 43.355 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

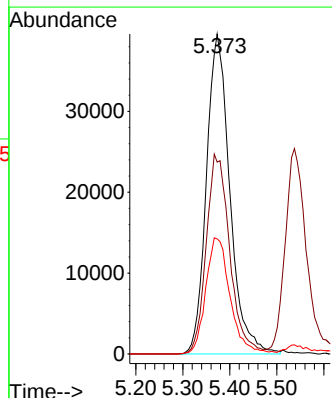
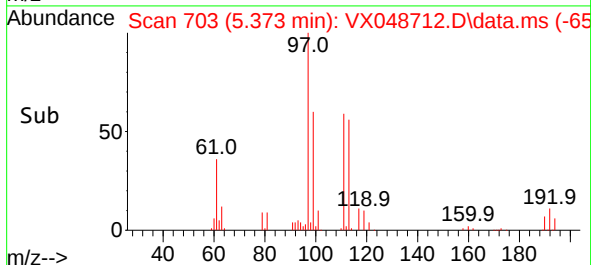
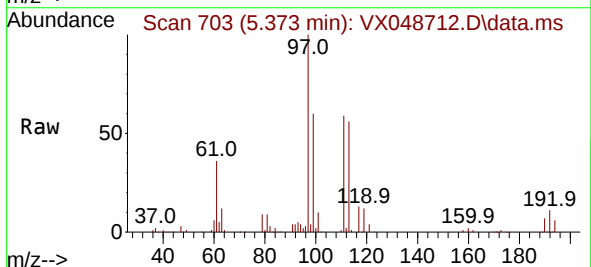


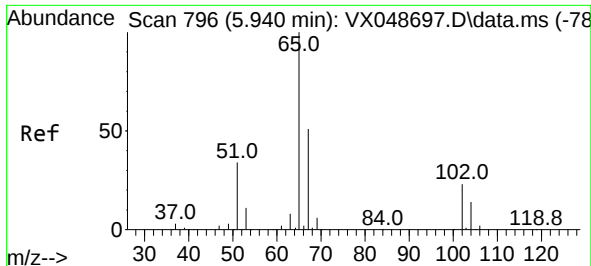
Tgt Ion: 56 Resp: 107368
Ion Ratio Lower Upper
56 100
69 33.6 24.2 36.4
84 87.0 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 49.474 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 97 Resp: 136988
Ion Ratio Lower Upper
97 100
99 62.5 50.2 75.4
61 37.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 61.597 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

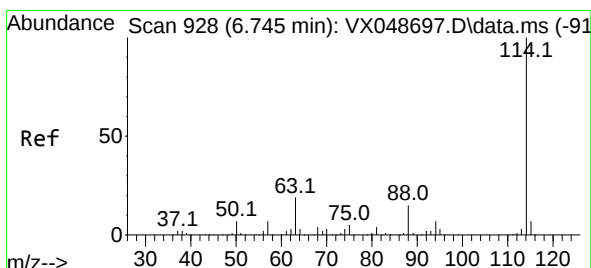
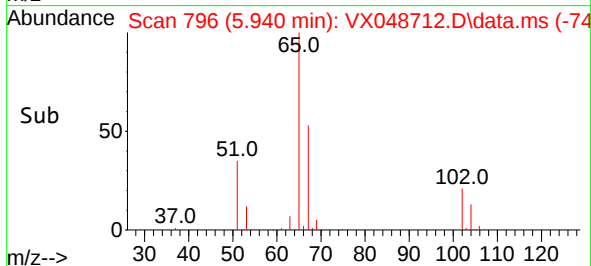
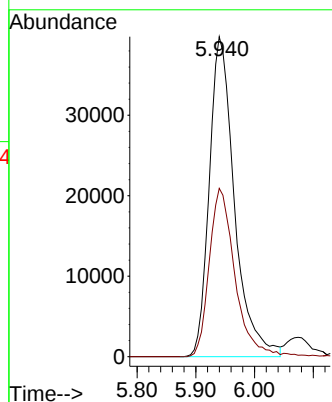
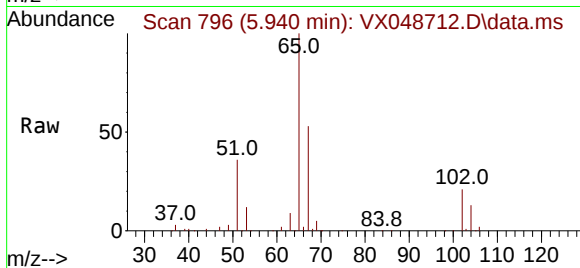
VSTDCCC050EC

Tgt Ion: 65 Resp: 118218

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

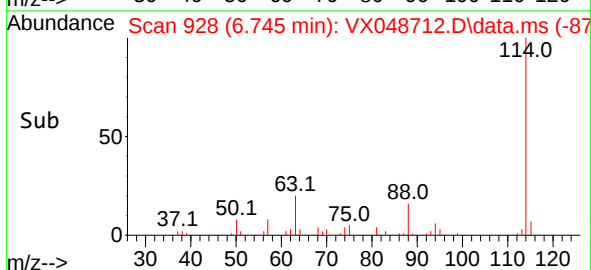
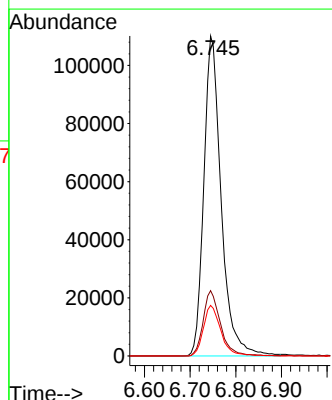
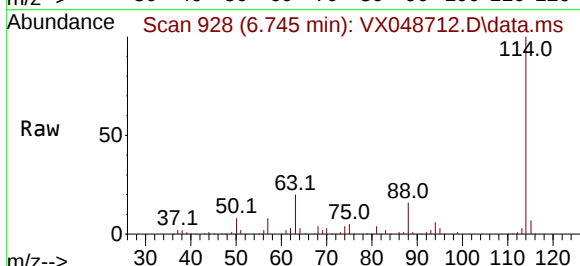
Tgt Ion: 114 Resp: 290830

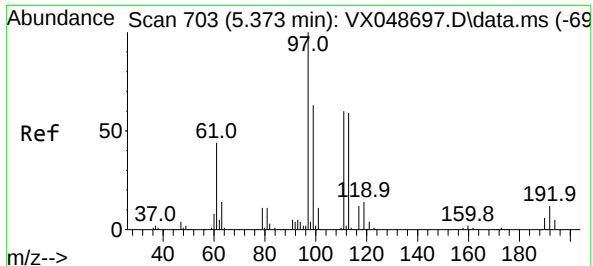
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

88 15.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 39.326 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

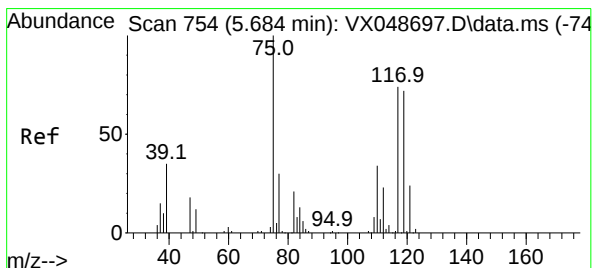
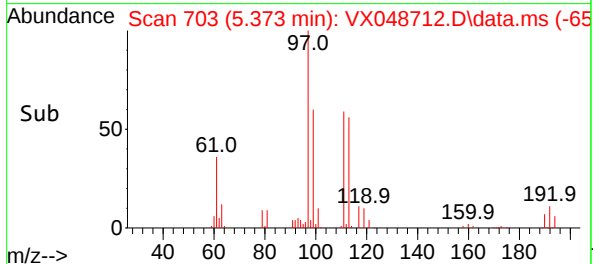
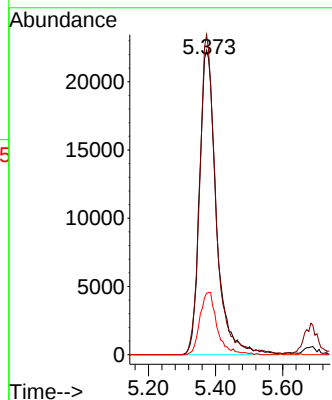
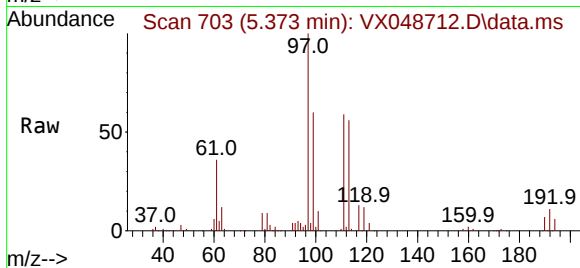
Tgt Ion:113 Resp: 77955

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

192 20.9 15.5 23.3



#36

1,1-Dichloropropene

Concen: 35.819 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

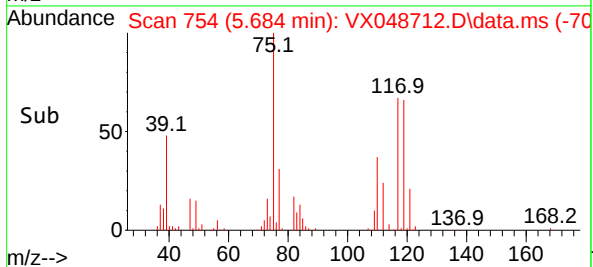
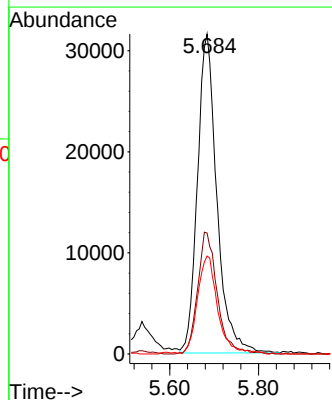
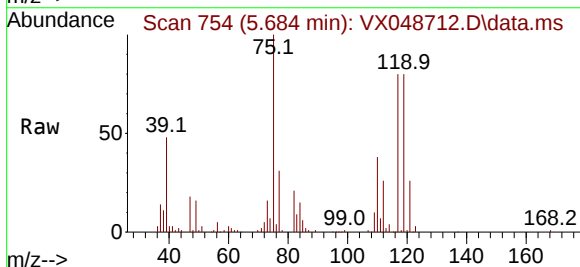
Tgt Ion: 75 Resp: 95941

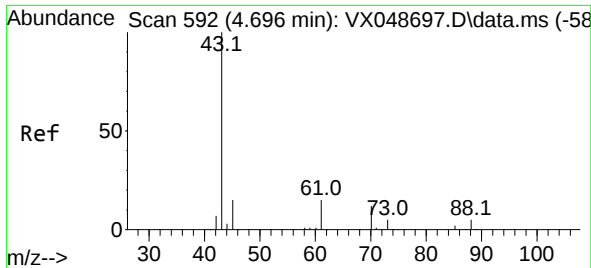
Ion Ratio Lower Upper

75 100

110 38.4 17.3 51.9

77 30.9 24.9 37.3

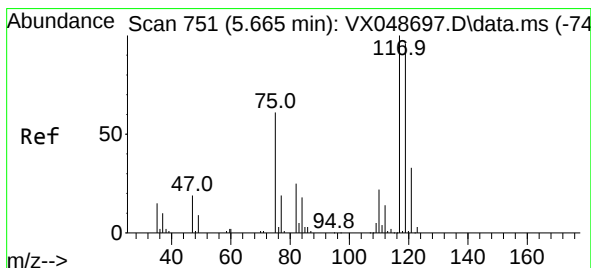
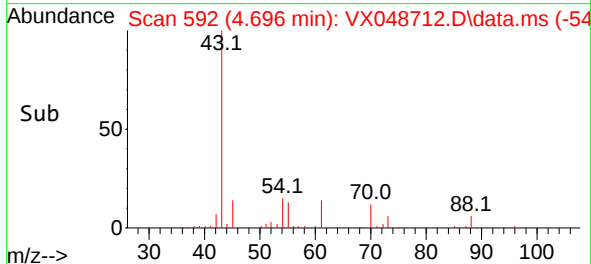
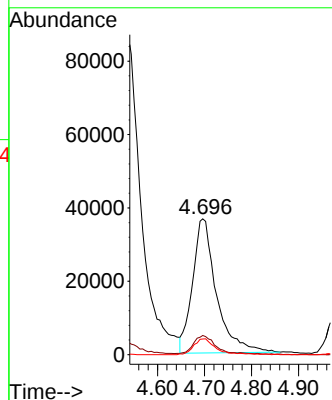
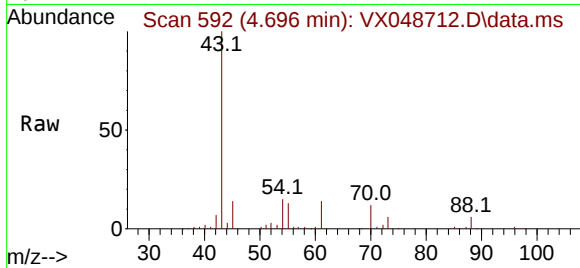




#37
Ethyl Acetate
Concen: 37.939 ug/l
RT: 4.696 min Scan# 592
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

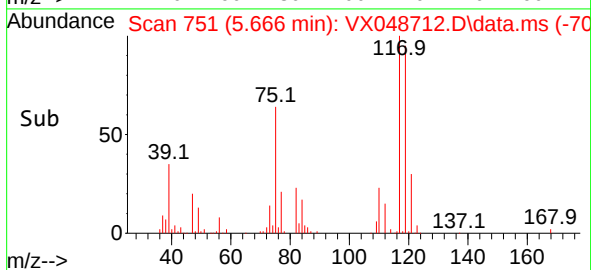
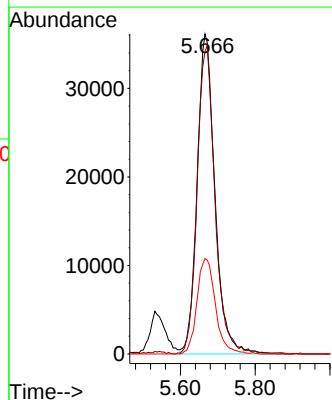
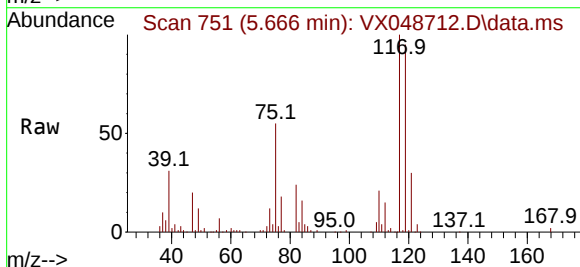
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

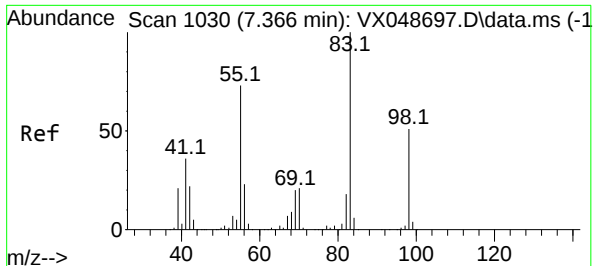
Tgt Ion: 43 Resp: 129010
Ion Ratio Lower Upper
43 100
61 12.1 9.4 14.0
70 11.0 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 38.839 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 117 Resp: 119545
Ion Ratio Lower Upper
117 100
119 94.3 76.0 114.0
121 29.8 26.1 39.1





#39

Methylcyclohexane

Concen: 47.341 ug/l

RT: 7.367 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

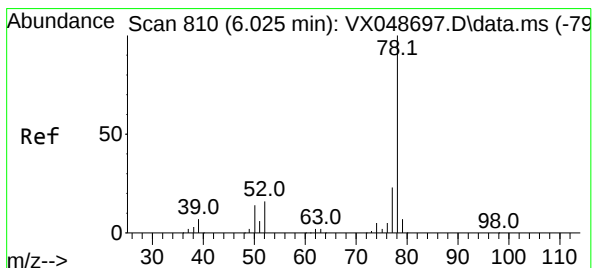
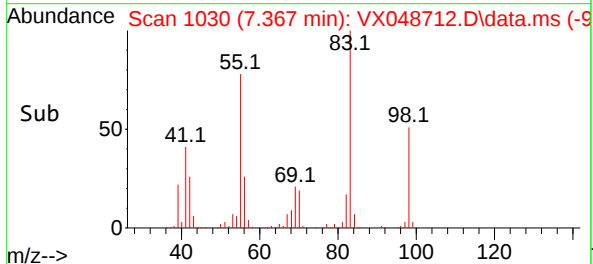
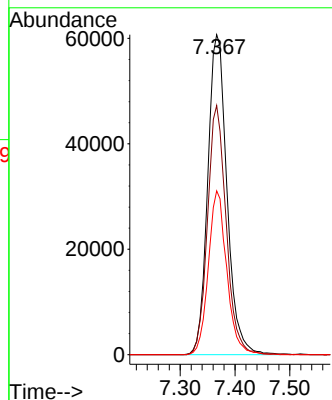
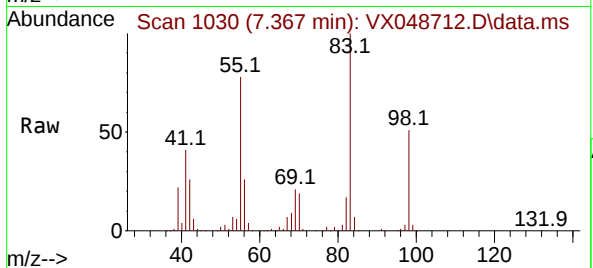
Tgt Ion: 83 Resp: 147588

Ion Ratio Lower Upper

83 100

55 77.8 58.2 87.2

98 51.2 41.2 61.8



#40

Benzene

Concen: 53.540 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX048712.D

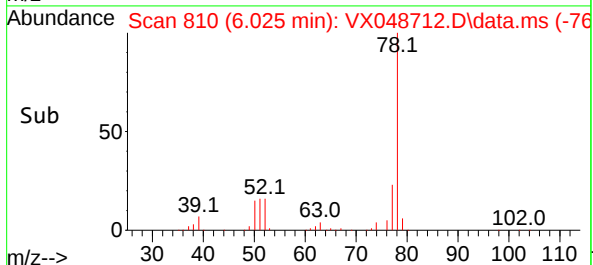
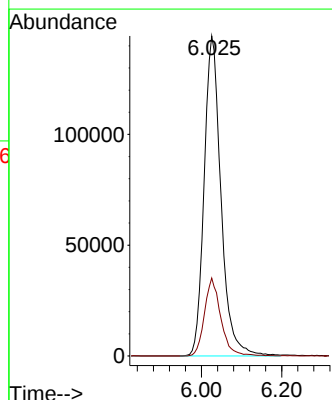
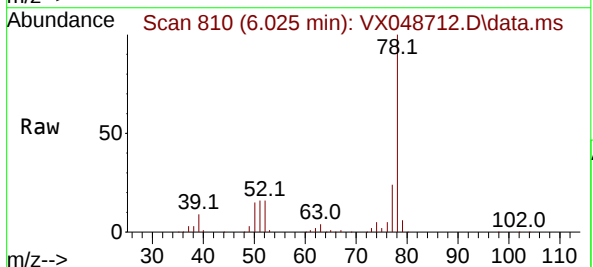
Acq: 03 Dec 2025 17:50

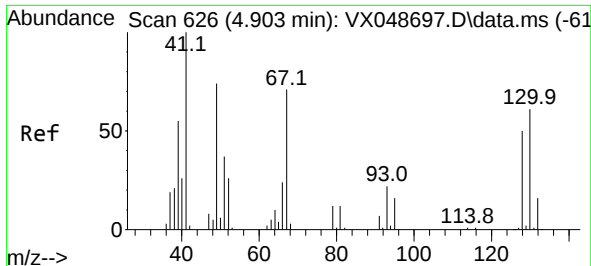
Tgt Ion: 78 Resp: 421501

Ion Ratio Lower Upper

78 100

77 24.3 18.5 27.7



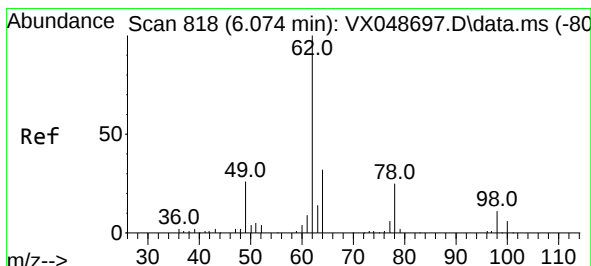
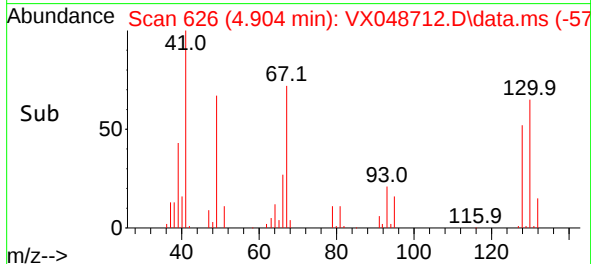
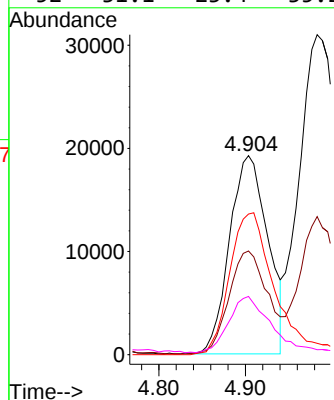
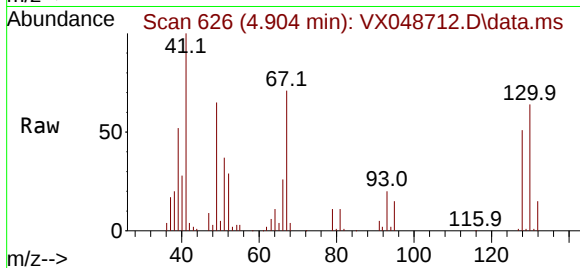


#41
Methacrylonitrile
Concen: 38.397 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 59099

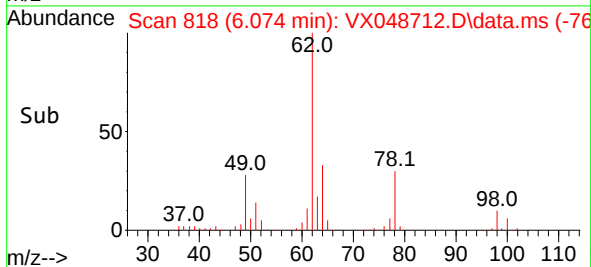
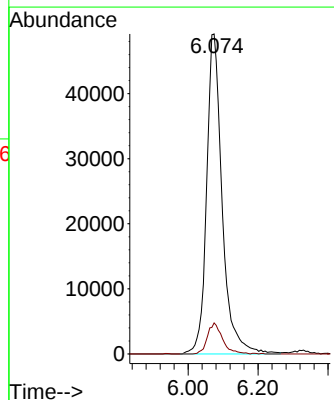
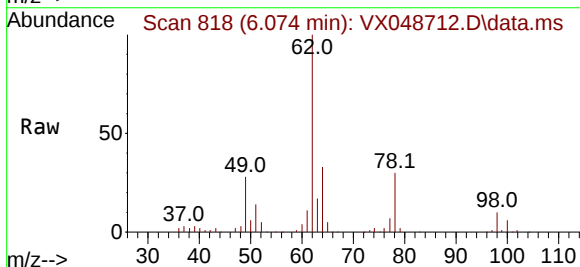
Ion	Ratio	Lower	Upper
41	100		
39	52.1	44.9	67.3
67	84.7	63.7	95.5
52	31.1	23.4	35.2

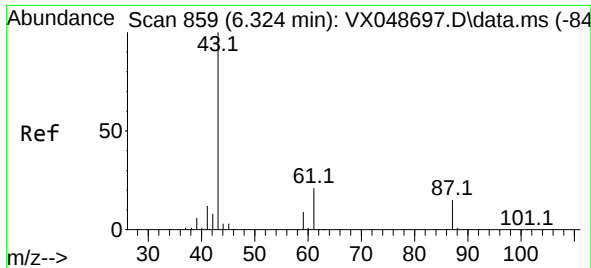


#42
1,2-Dichloroethane
Concen: 53.763 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 62 Resp: 151983

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.0

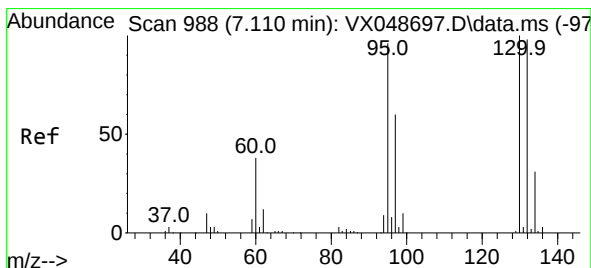
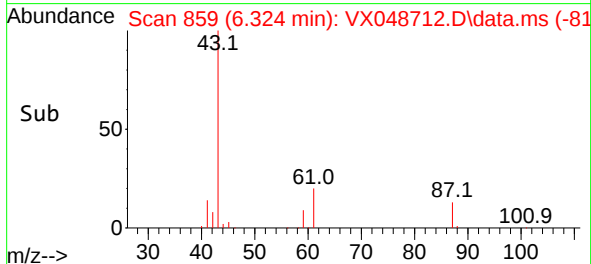
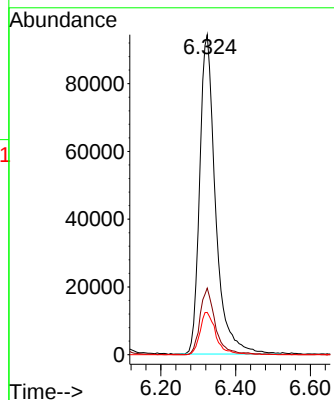
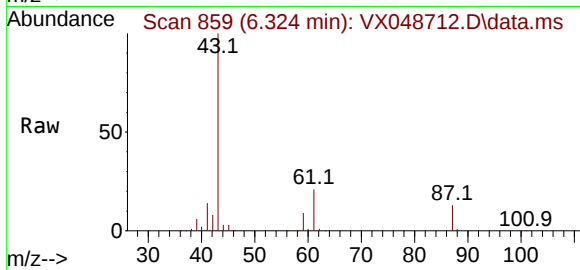




#43
Isopropyl Acetate
Concen: 58.109 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

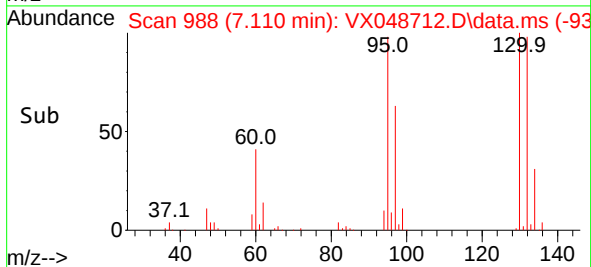
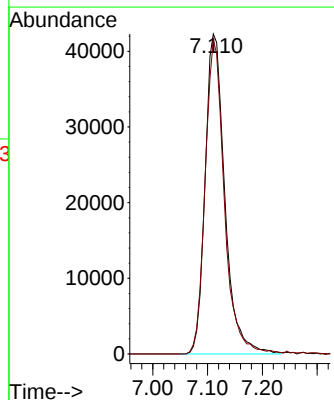
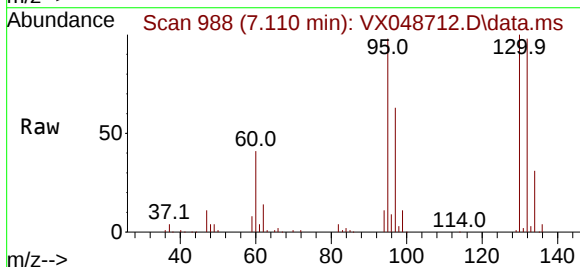
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

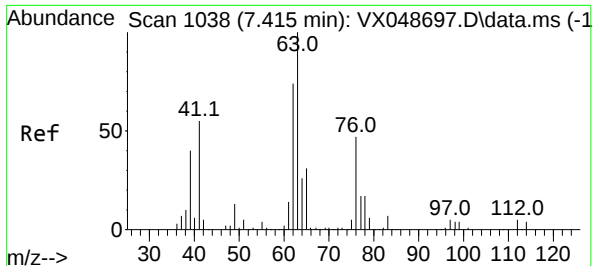
Tgt Ion: 43 Resp: 277482
Ion Ratio Lower Upper
43 100
61 20.3 17.3 25.9
87 13.5 11.8 17.6



#44
Trichloroethene
Concen: 50.746 ug/l
RT: 7.110 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion:130 Resp: 105176
Ion Ratio Lower Upper
130 100
95 98.3 0.0 192.0





#45

1,2-Dichloropropane

Concen: 55.211 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

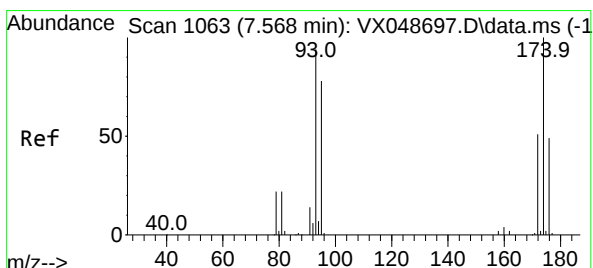
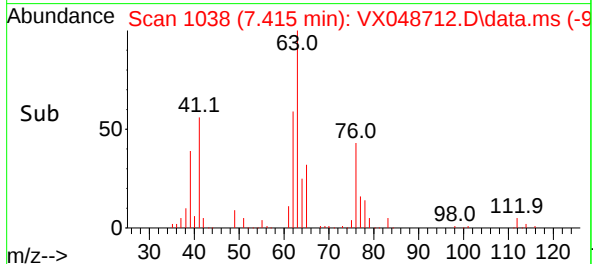
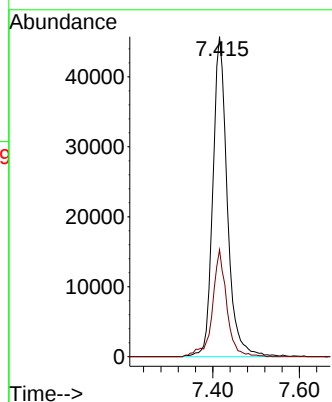
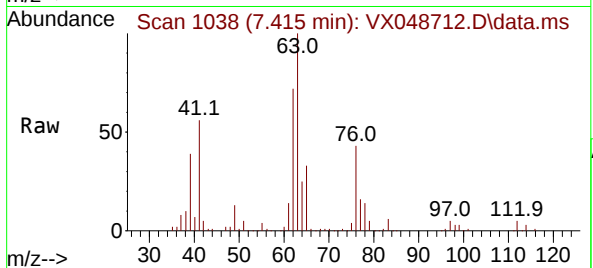
VSTDCCC050EC

Tgt Ion: 63 Resp: 106236

Ion Ratio Lower Upper

63 100

65 33.4 25.2 37.8



#46

Dibromomethane

Concen: 53.698 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

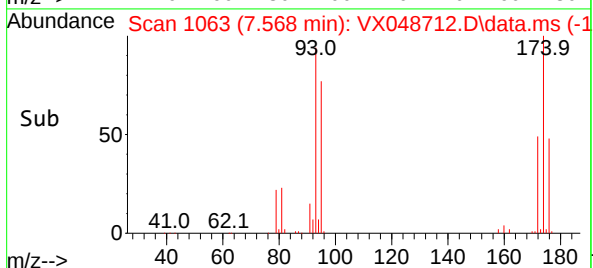
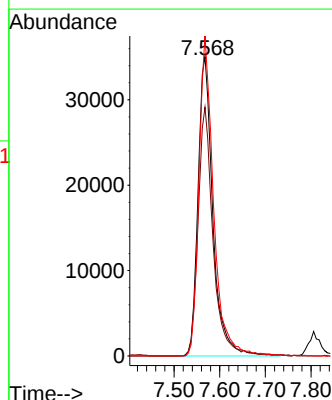
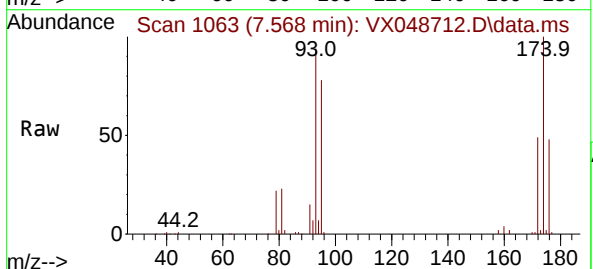
Tgt Ion: 93 Resp: 79492

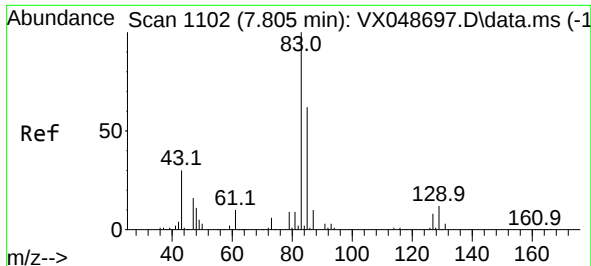
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.2

174 104.8 86.1 129.1

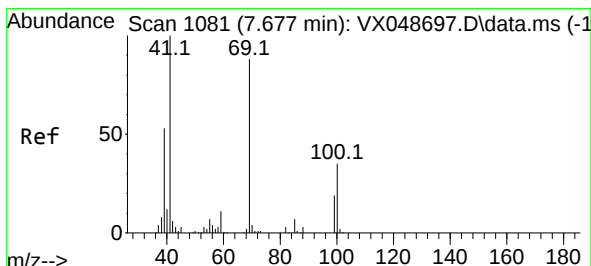
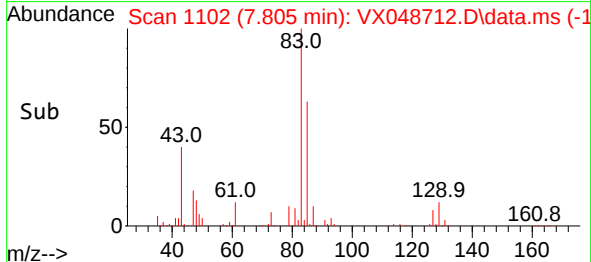
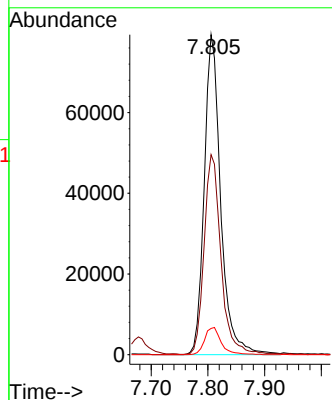
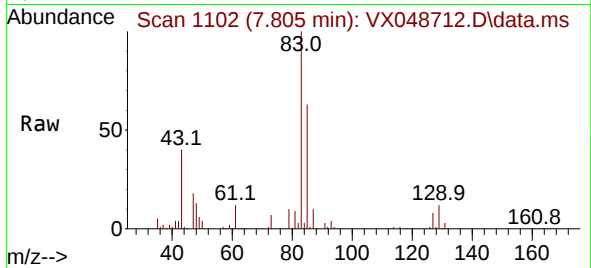




#47
Bromodichloromethane
Concen: 52.887 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

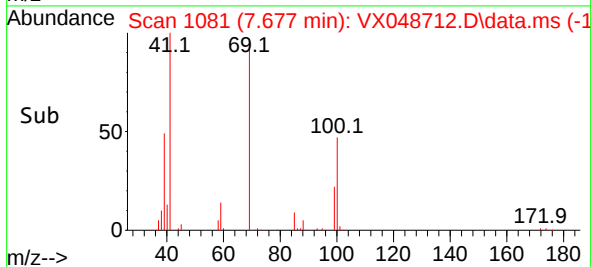
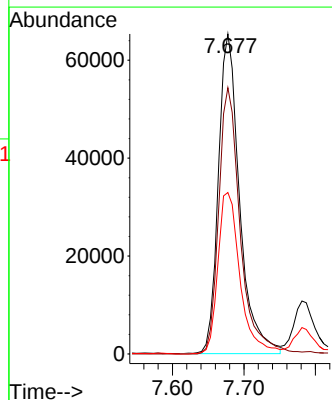
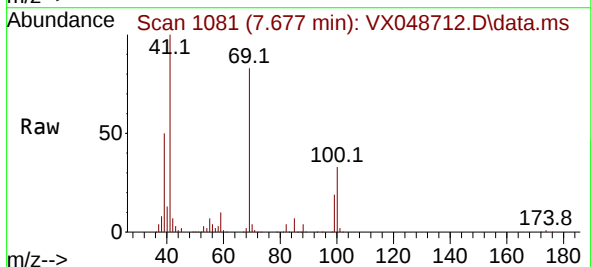
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

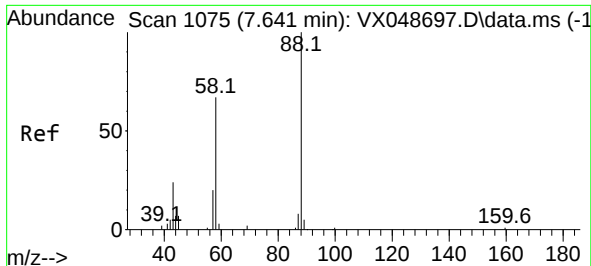
Tgt Ion: 83 Resp: 160506
Ion Ratio Lower Upper
83 100
85 62.4 49.8 74.8
127 8.2 6.7 10.1



#48
Methyl methacrylate
Concen: 59.110 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 41 Resp: 134859
Ion Ratio Lower Upper
41 100
69 84.9 70.9 106.3
39 52.7 42.0 63.0





#49

1,4-Dioxane

Concen: 1336.169 ug/l

RT: 7.647 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

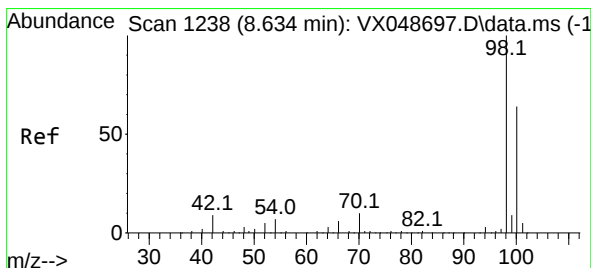
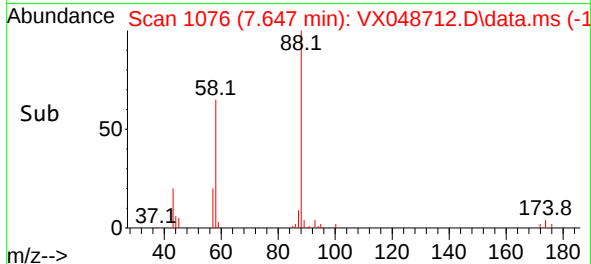
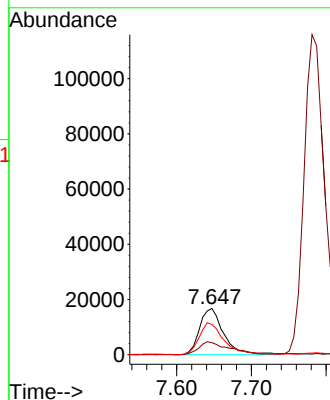
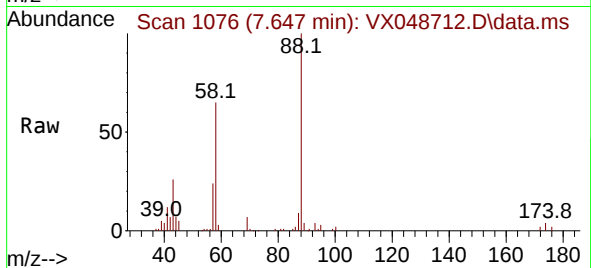
Tgt Ion: 88 Resp: 37363

Ion Ratio Lower Upper

88 100

43 35.9 27.9 41.9

58 71.4 54.9 82.3



#50

Toluene-d8

Concen: 48.824 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048712.D

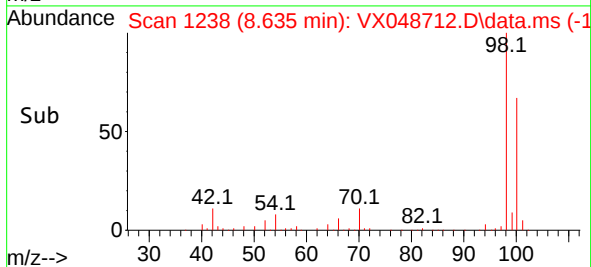
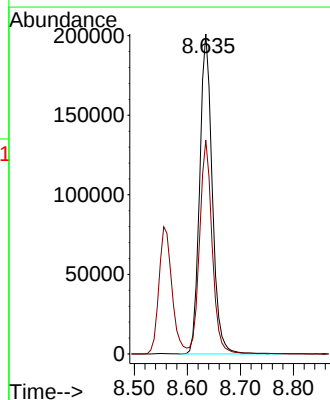
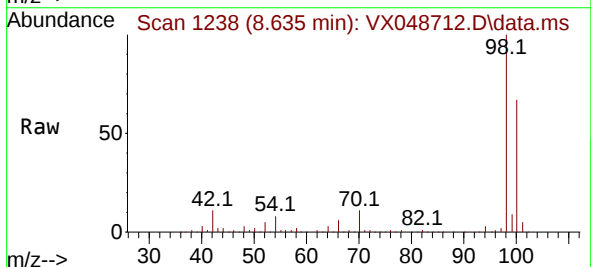
Acq: 03 Dec 2025 17:50

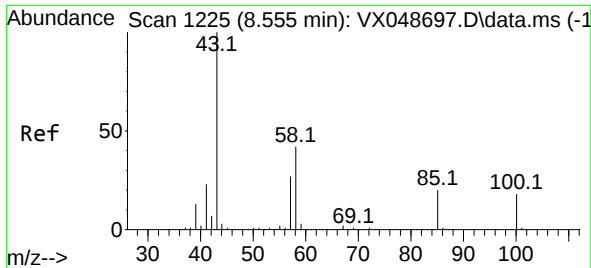
Tgt Ion: 98 Resp: 331891

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.2

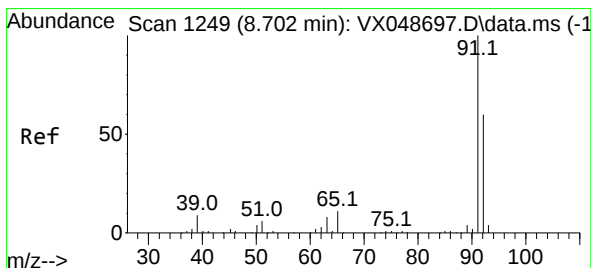
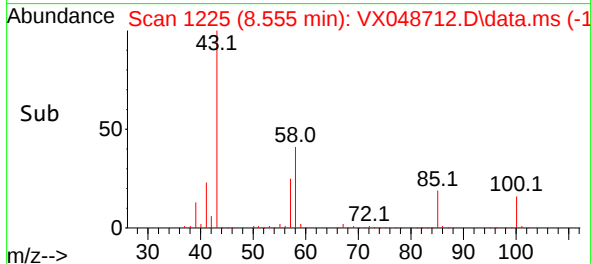
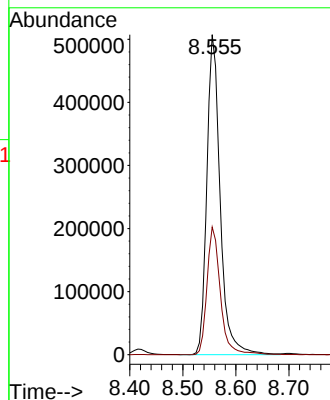
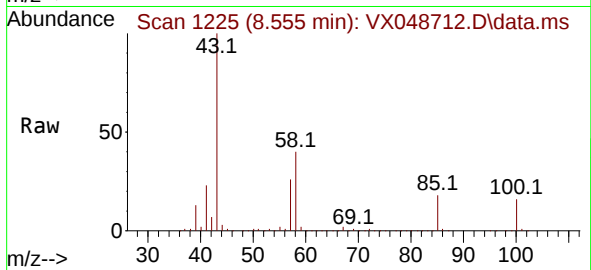




#51
4-Methyl-2-Pentanone
Concen: 293.440 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

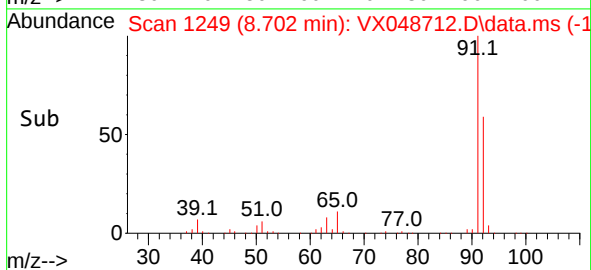
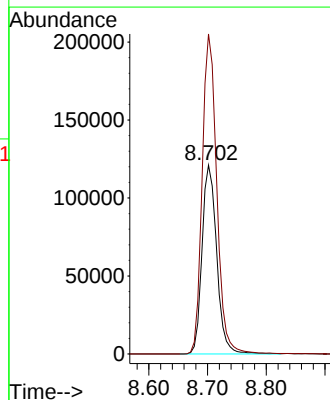
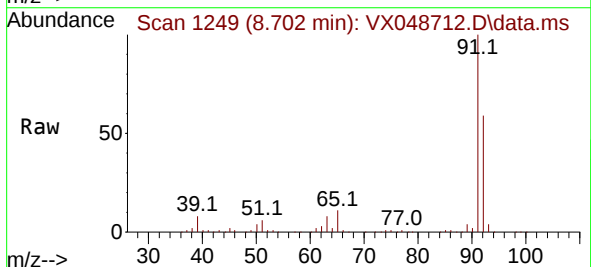
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

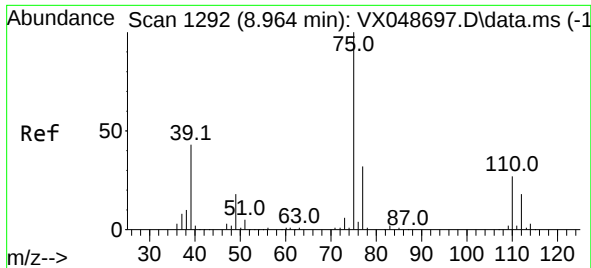
Tgt Ion: 43 Resp: 883211
Ion Ratio Lower Upper
43 100
58 40.3 33.6 50.4



#52
Toluene
Concen: 43.410 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 92 Resp: 209739
Ion Ratio Lower Upper
92 100
91 168.5 134.7 202.1





#53

t-1,3-Dichloropropene

Concen: 43.214 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

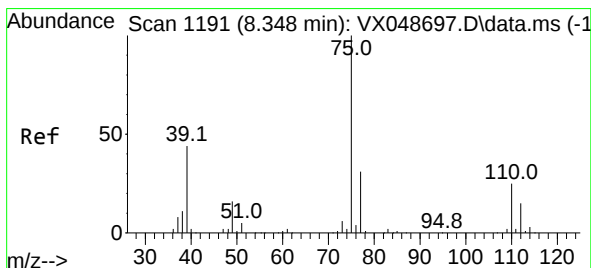
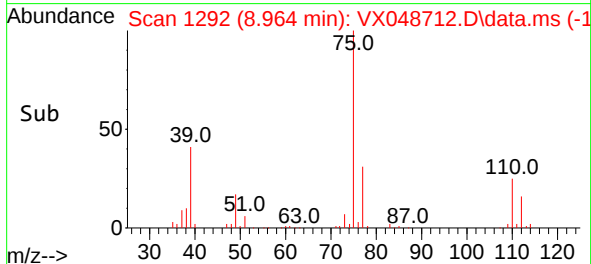
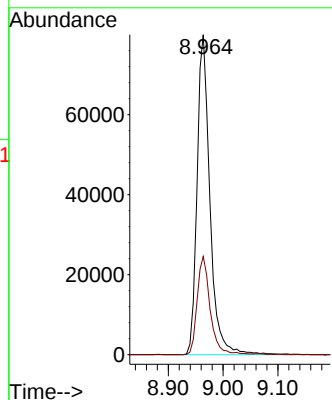
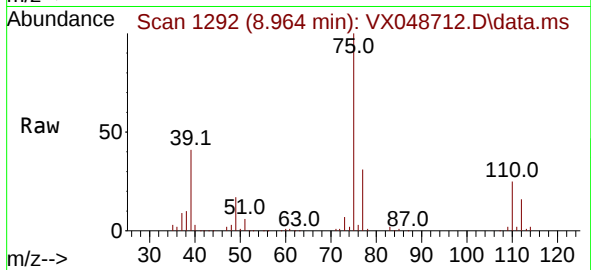
VSTDCCC050EC

Tgt Ion: 75 Resp: 130553

Ion Ratio Lower Upper

75 100

77 30.7 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 55.238 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

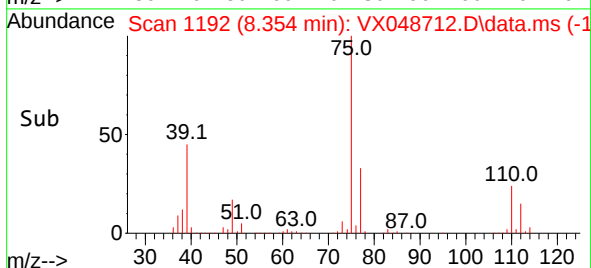
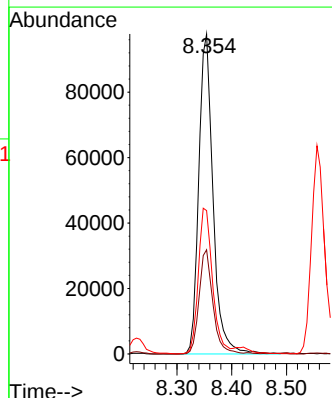
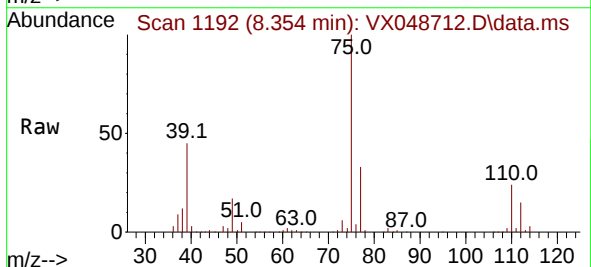
Tgt Ion: 75 Resp: 176994

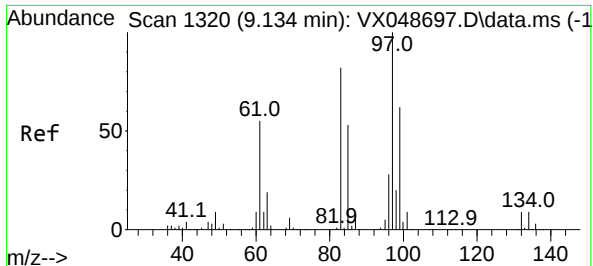
Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7

39 44.7 35.2 52.8





#55

1,1,2-Trichloroethane

Concen: 43.464 ug/l

RT: 9.135 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 83254

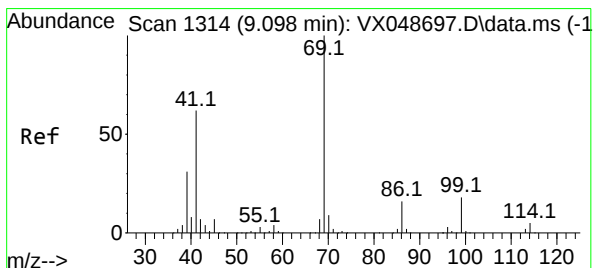
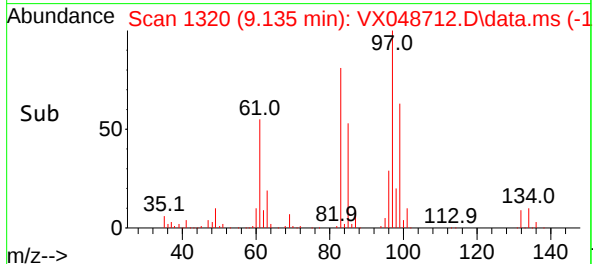
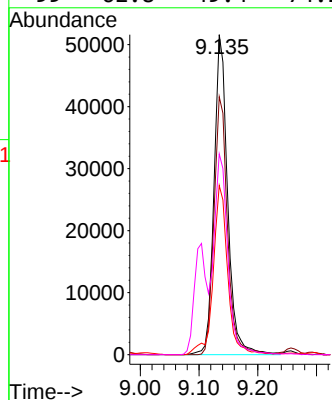
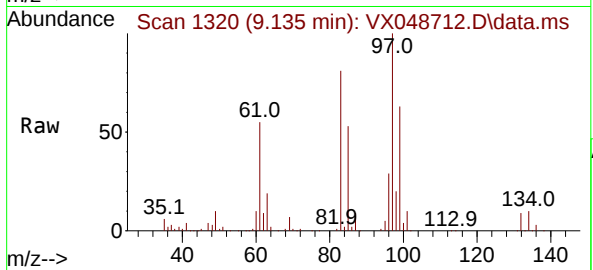
Ion Ratio Lower Upper

97 100

83 80.6 65.8 98.6

85 52.9 42.5 63.7

99 62.8 49.4 74.2



#56

Ethyl methacrylate

Concen: 43.651 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

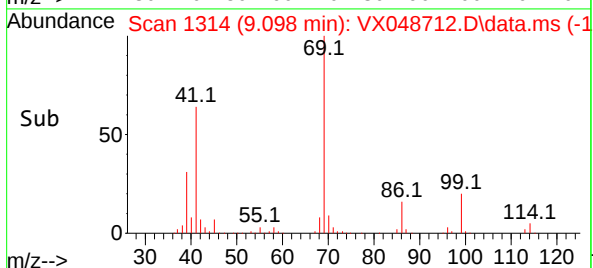
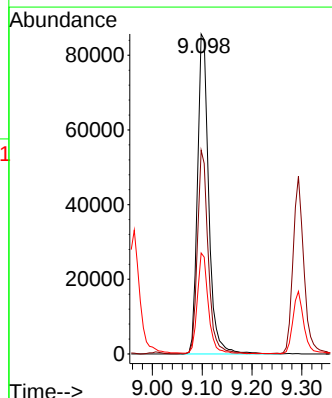
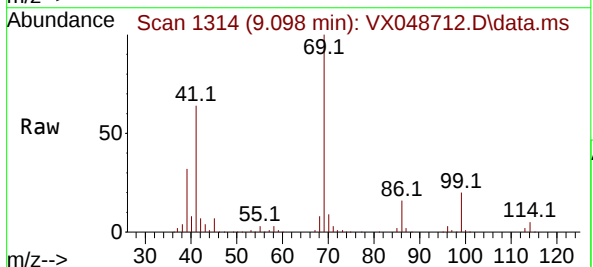
Tgt Ion: 69 Resp: 133982

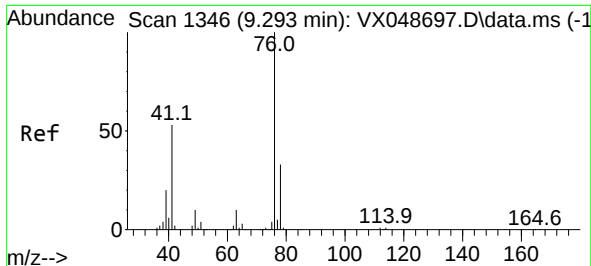
Ion Ratio Lower Upper

69 100

41 61.2 49.0 73.6

39 30.8 25.1 37.7





#57

1,3-Dichloropropane

Concen: 41.908 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

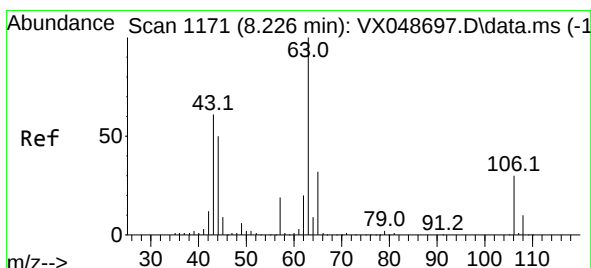
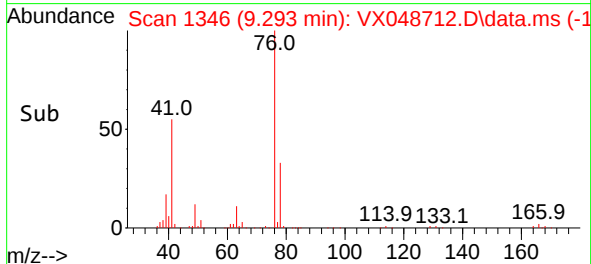
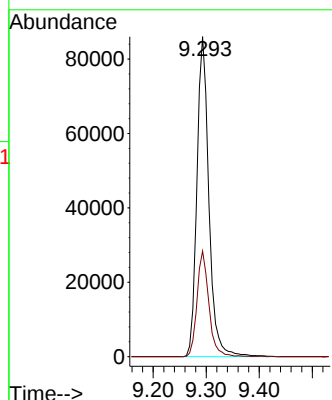
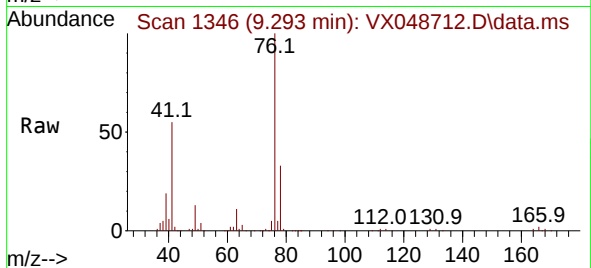
VSTDCCC050EC

Tgt Ion: 76 Resp: 135057

Ion Ratio Lower Upper

76 100

78 32.8 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 292.843 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048712.D

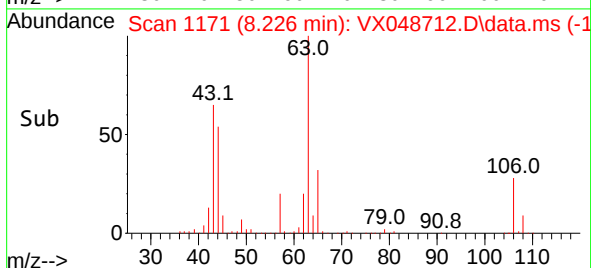
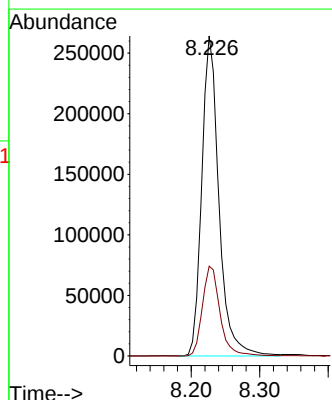
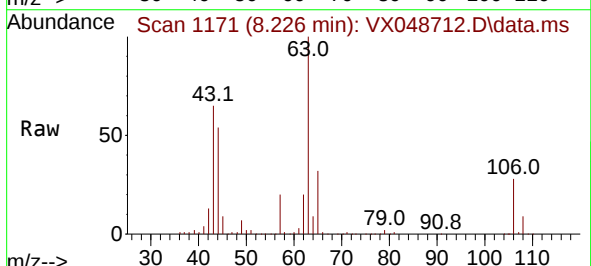
Acq: 03 Dec 2025 17:50

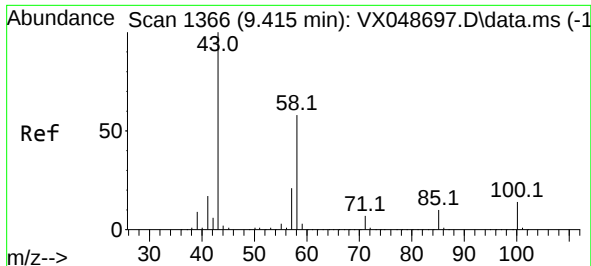
Tgt Ion: 63 Resp: 461039

Ion Ratio Lower Upper

63 100

106 28.7 24.6 37.0

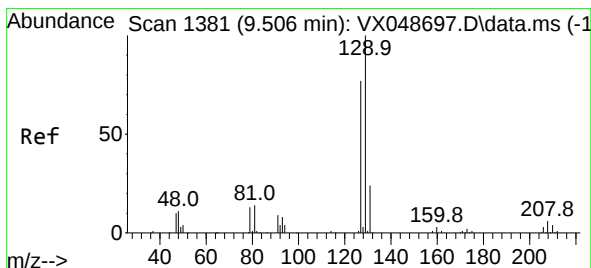
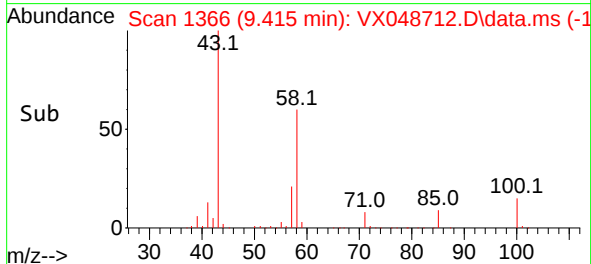
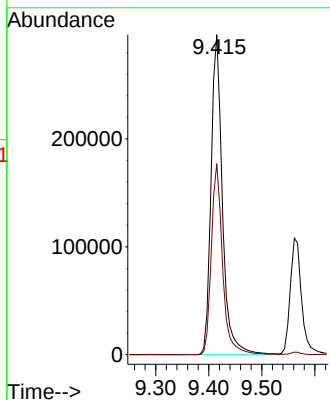
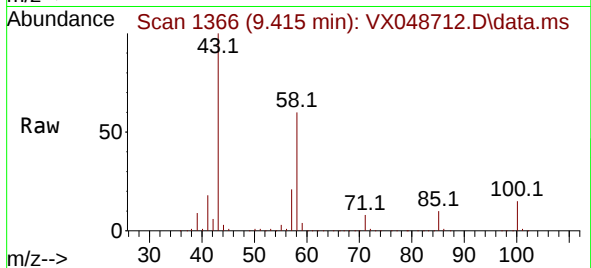




#59
2-Hexanone
Concen: 204.821 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

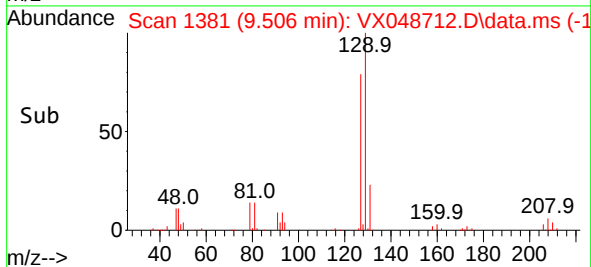
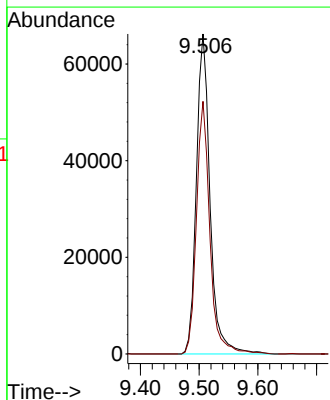
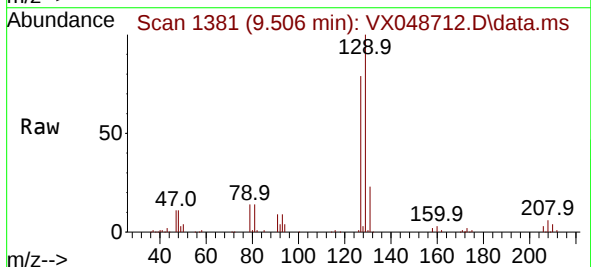
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

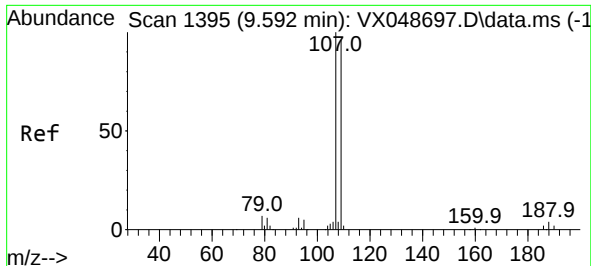
Tgt Ion: 43 Resp: 442337
Ion Ratio Lower Upper
43 100
58 59.1 28.8 86.5



#60
Dibromochloromethane
Concen: 44.842 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 129 Resp: 107132
Ion Ratio Lower Upper
129 100
127 77.5 38.0 113.9

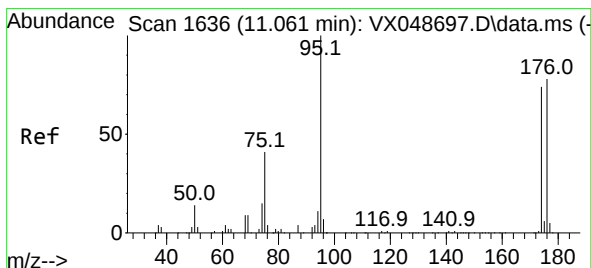
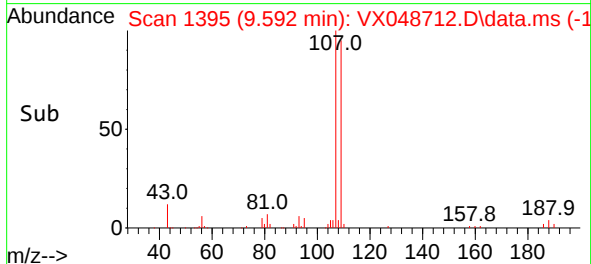
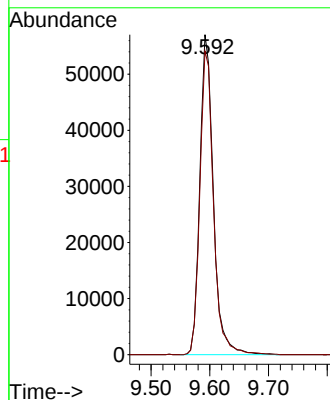
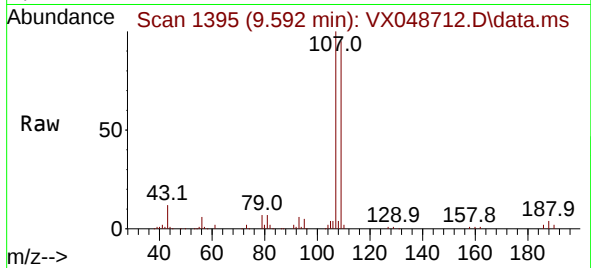




#61
1,2-Dibromoethane
Concen: 43.069 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

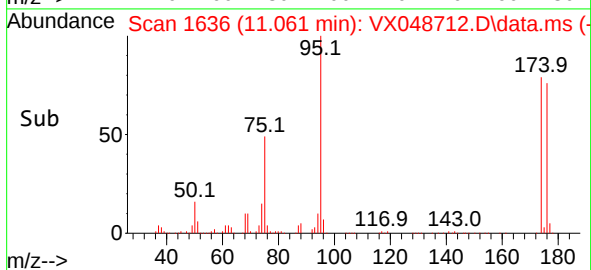
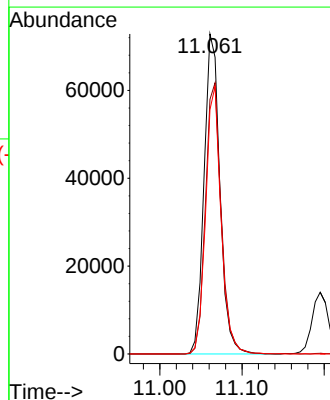
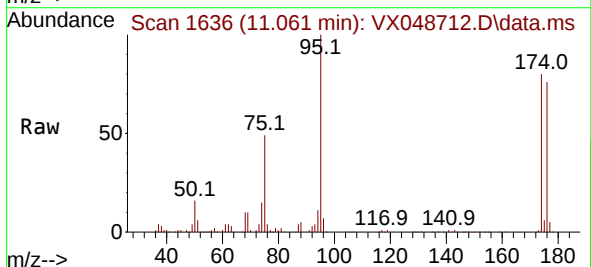
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

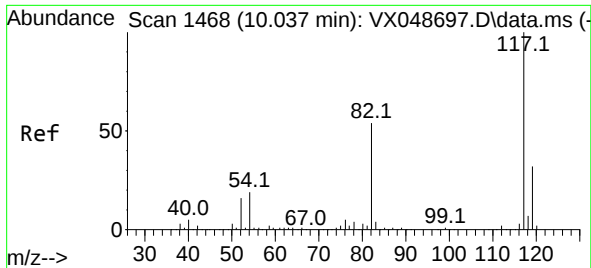
Tgt Ion:107 Resp: 91214
Ion Ratio Lower Upper
107 100
109 96.1 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 39.006 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 95 Resp: 97309
Ion Ratio Lower Upper
95 100
174 84.8 0.0 164.6
176 81.7 0.0 163.0

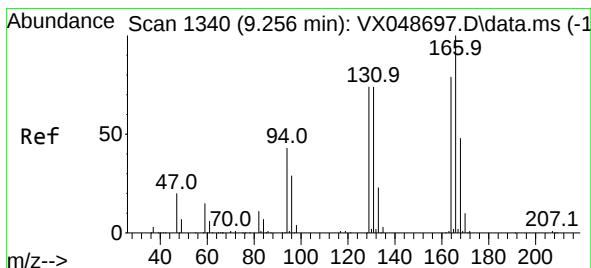
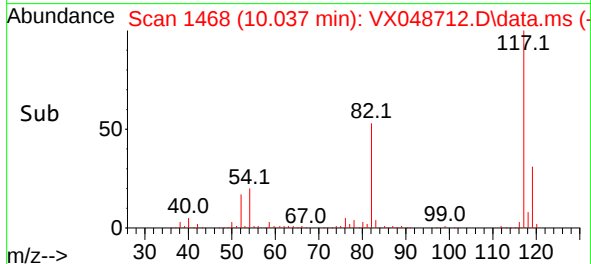
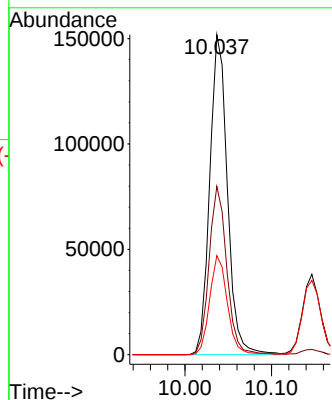
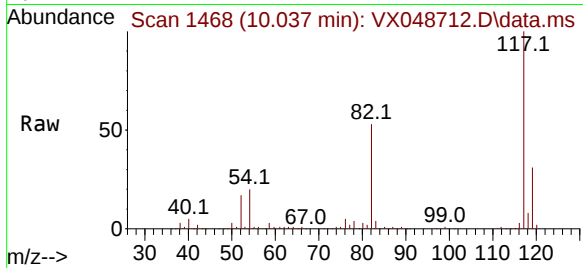




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

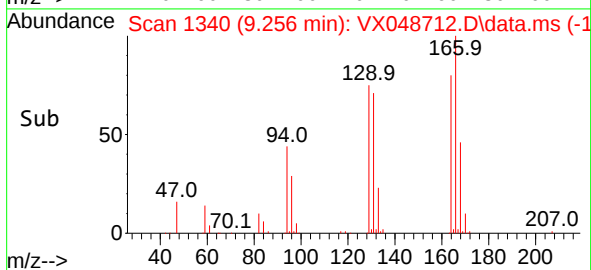
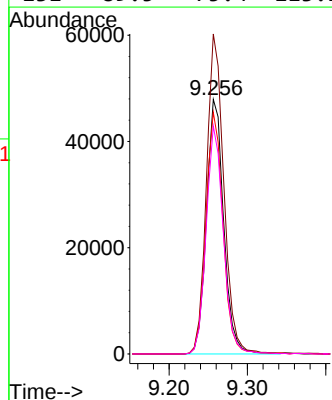
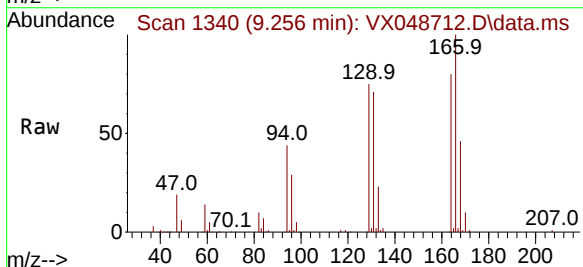
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

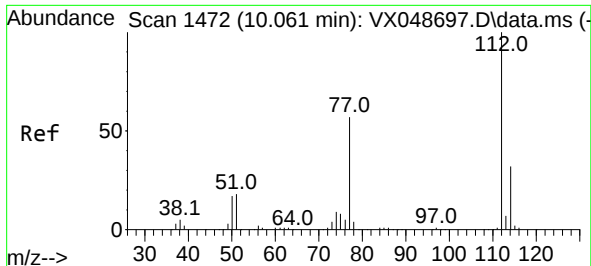
Tgt Ion:117 Resp: 214950
Ion Ratio Lower Upper
117 100
82 52.6 42.9 64.3
119 31.0 25.3 37.9



#64
Tetrachloroethene
Concen: 49.479 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion:164 Resp: 73036
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.2
129 94.9 75.5 113.3
131 89.5 75.4 113.2

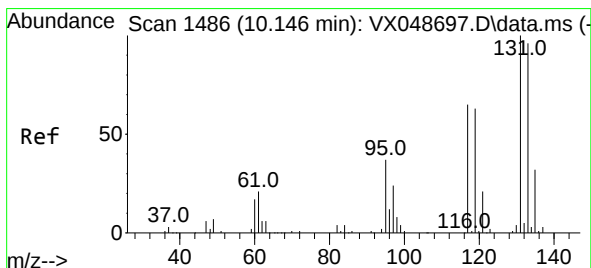
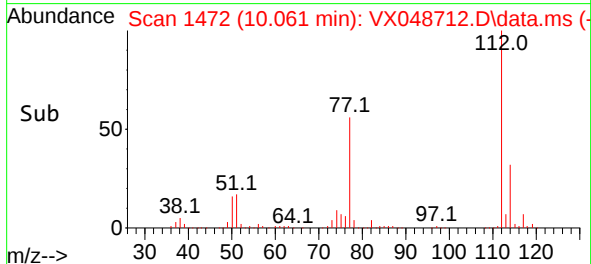
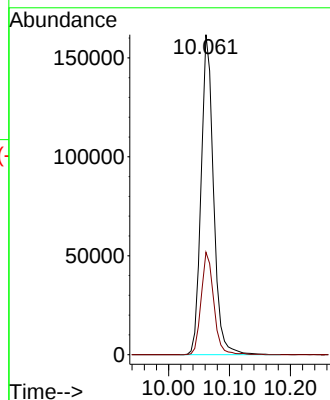
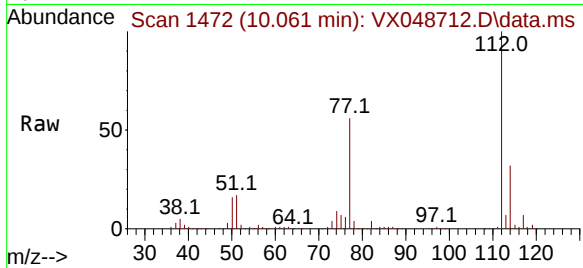




#65
Chlorobenzene
Concen: 50.508 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

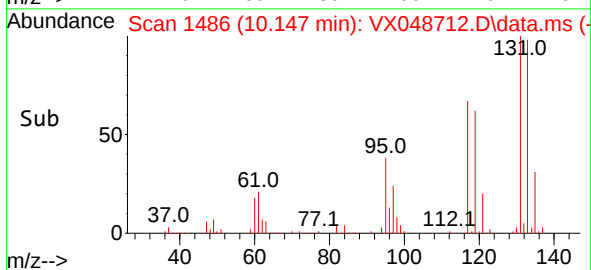
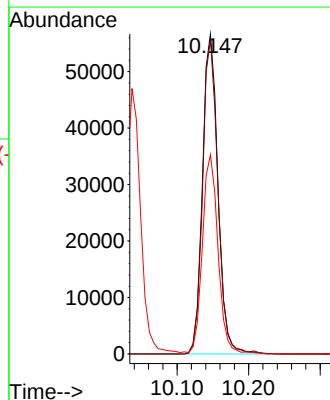
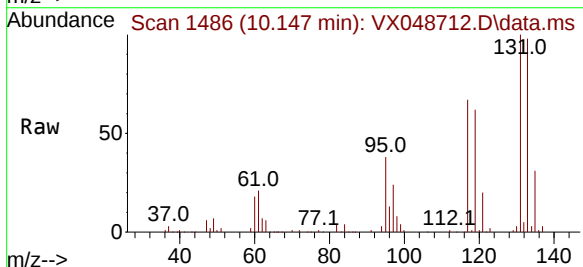
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

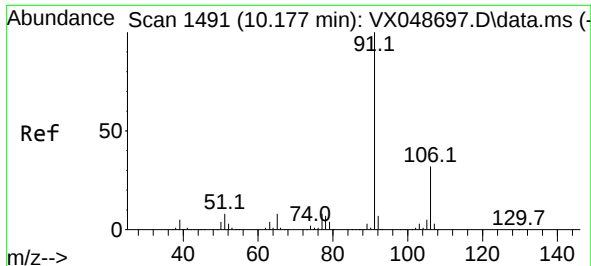
Tgt Ion:112 Resp: 229992
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.578 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion:131 Resp: 84878
Ion Ratio Lower Upper
131 100
133 97.4 48.0 144.0
119 63.3 32.1 96.5





#67

Ethyl Benzene

Concen: 50.222 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

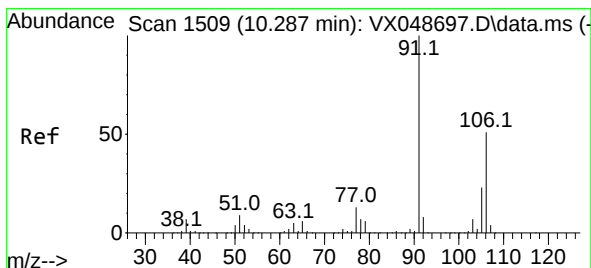
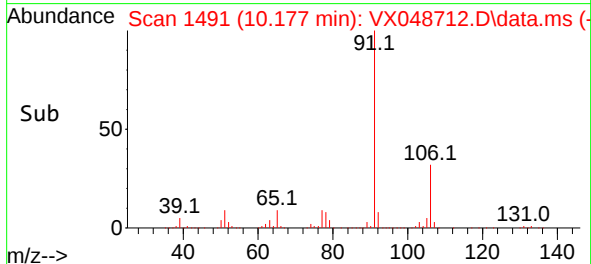
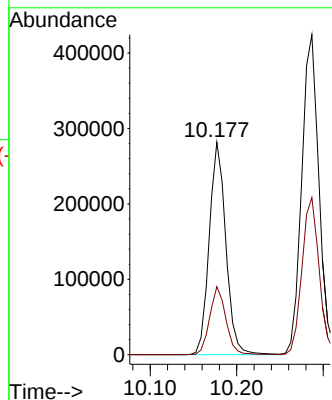
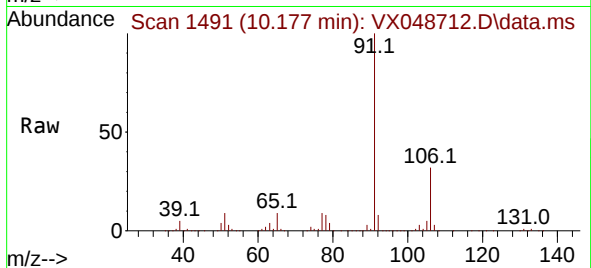
VSTDCCC050EC

Tgt Ion: 91 Resp: 375692

Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4



#68

m/p-Xylenes

Concen: 100.713 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX048712.D

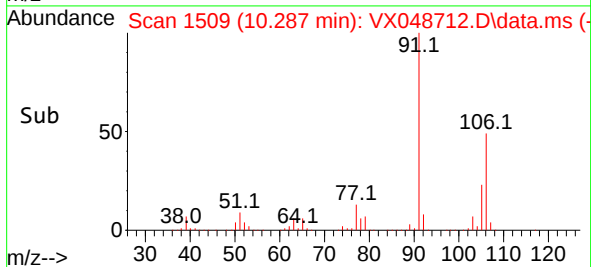
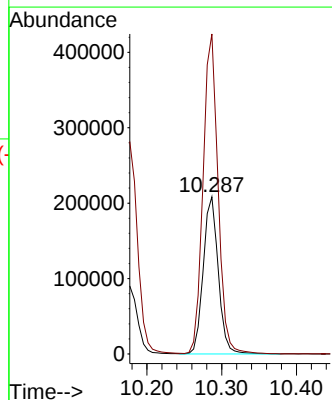
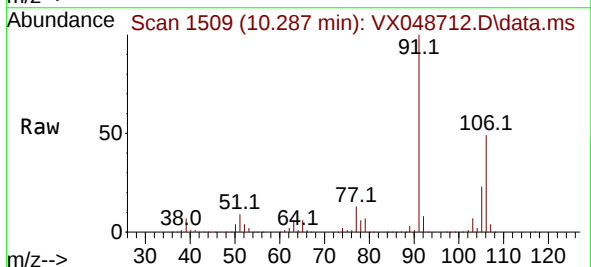
Acq: 03 Dec 2025 17:50

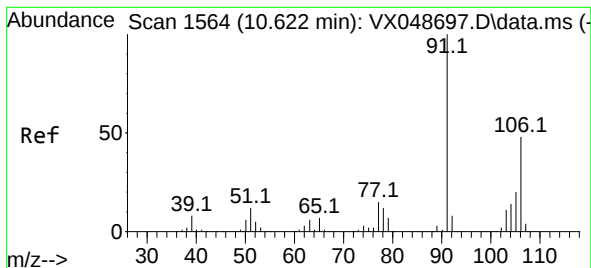
Tgt Ion: 106 Resp: 290215

Ion Ratio Lower Upper

106 100

91 203.6 161.0 241.6





#69

o-Xylene

Concen: 52.359 ug/l

RT: 10.628 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

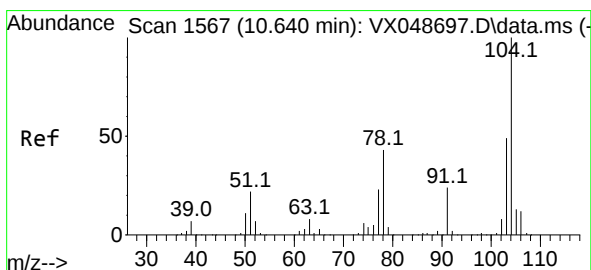
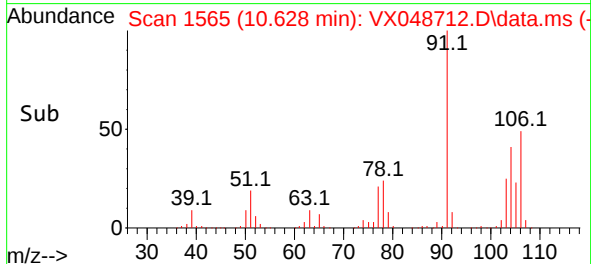
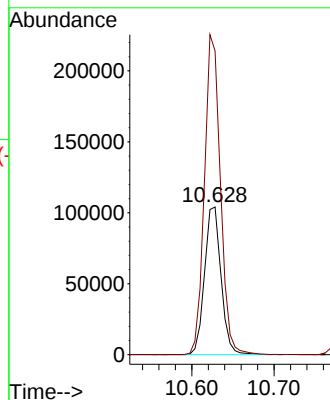
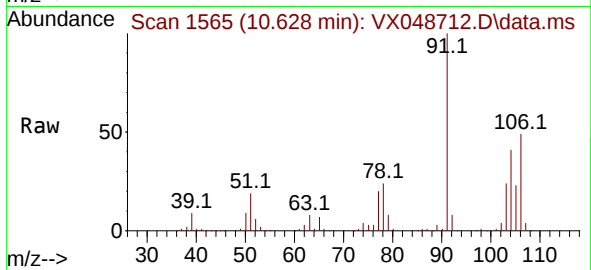
VSTDCCC050EC

Tgt Ion:106 Resp: 145359

Ion Ratio Lower Upper

106 100

91 210.4 106.1 318.3



#70

Styrene

Concen: 54.102 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

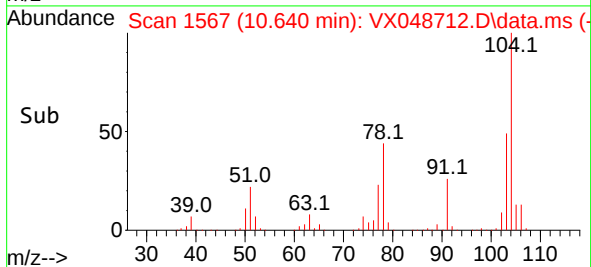
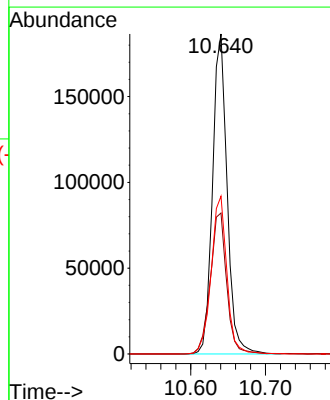
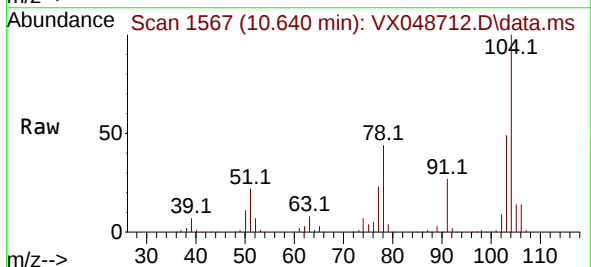
Tgt Ion:104 Resp: 252447

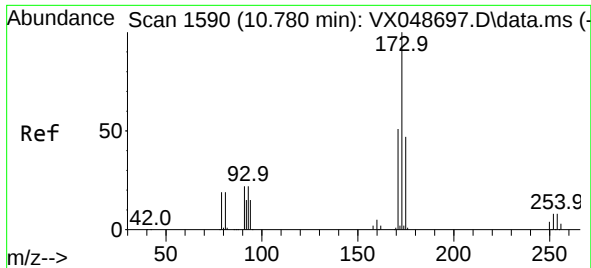
Ion Ratio Lower Upper

104 100

78 49.5 39.2 58.8

103 53.1 43.0 64.4

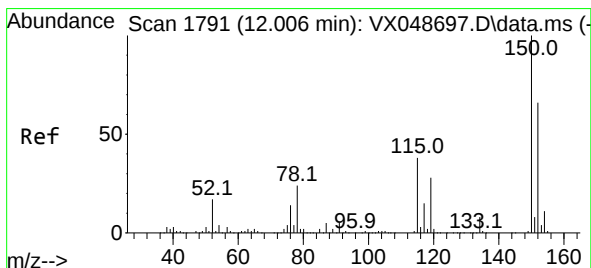
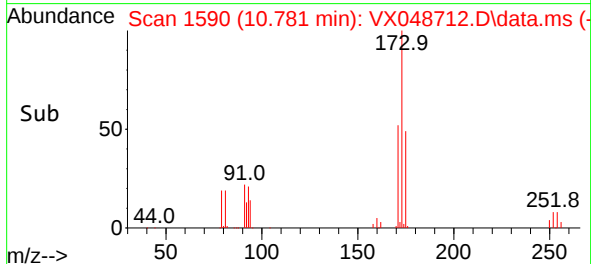
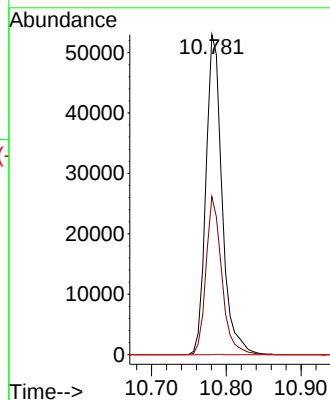
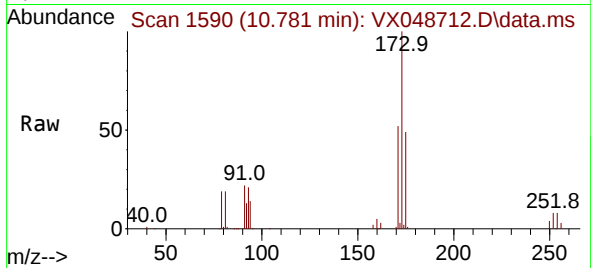




#71
Bromoform
Concen: 55.022 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

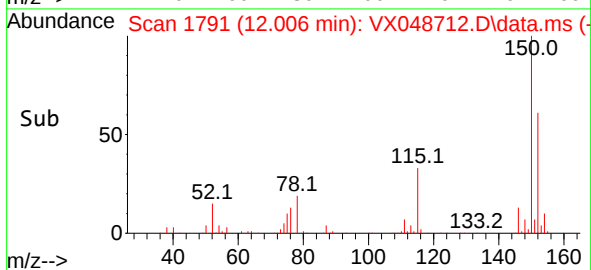
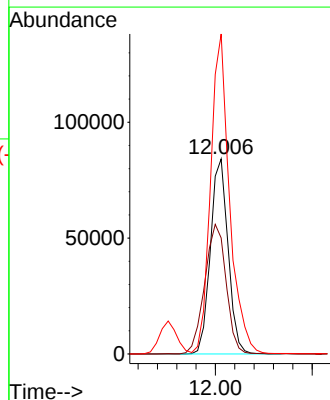
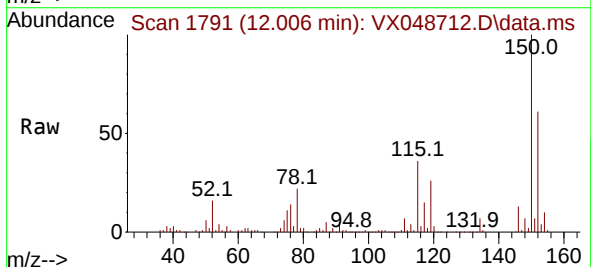
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

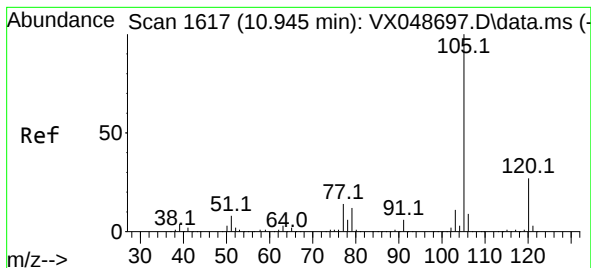
Tgt Ion:173 Resp: 79394
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion:152 Resp: 106777
Ion Ratio Lower Upper
152 100
115 80.8 39.6 119.0
150 175.1 0.0 345.4





#73

Isopropylbenzene

Concen: 50.014 ug/l

RT: 10.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

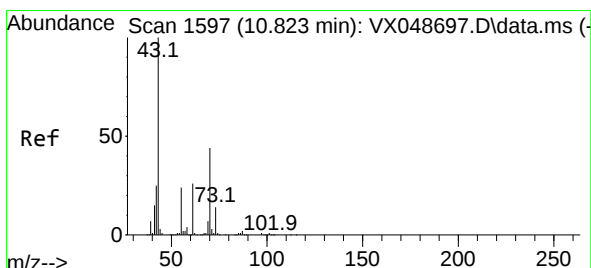
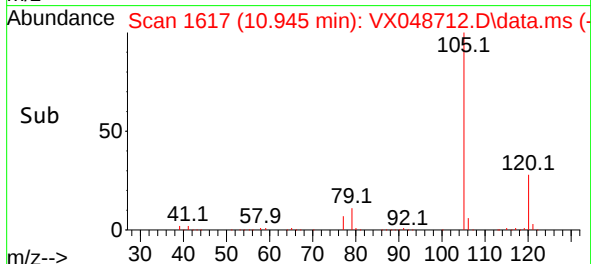
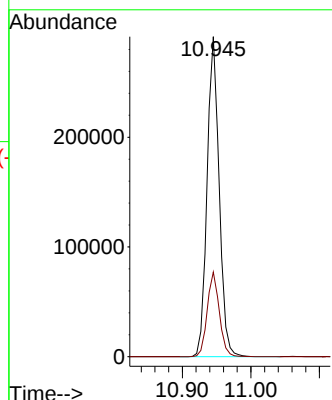
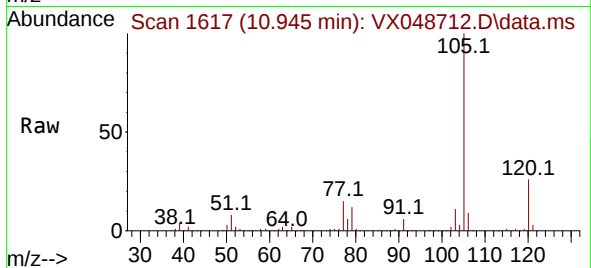
VSTDCCC050EC

Tgt Ion:105 Resp: 356925

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#74

N-ethyl acetate

Concen: 48.735 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Tgt Ion: 43 Resp: 157016

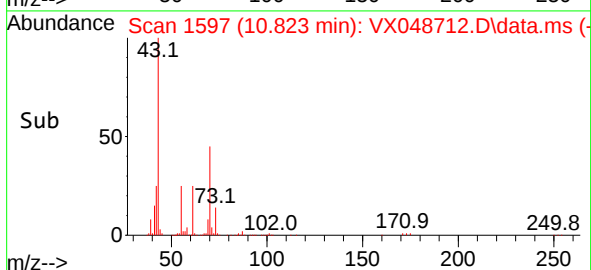
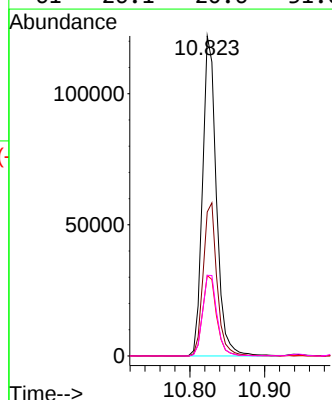
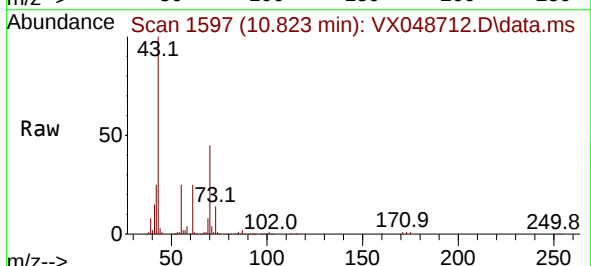
Ion Ratio Lower Upper

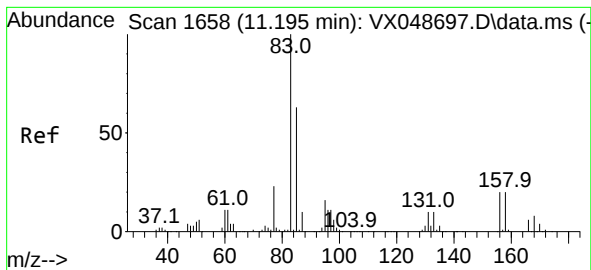
43 100

70 47.7 37.0 55.6

55 25.5 20.0 30.0

61 26.1 20.6 31.0

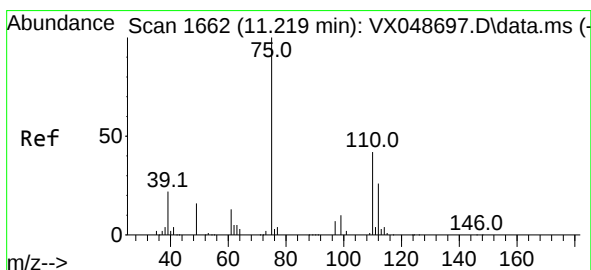
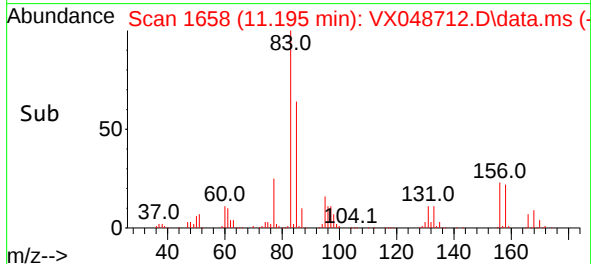
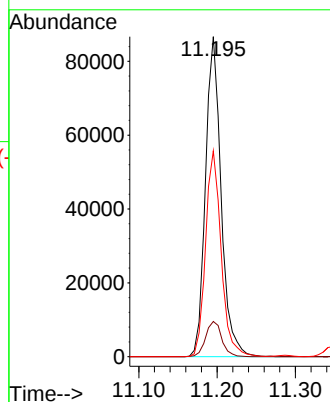
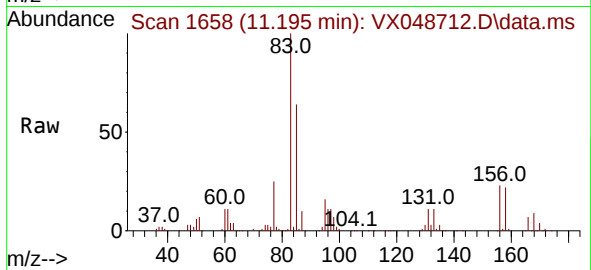




#75
1,1,2,2-Tetrachloroethane
Concen: 49.095 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

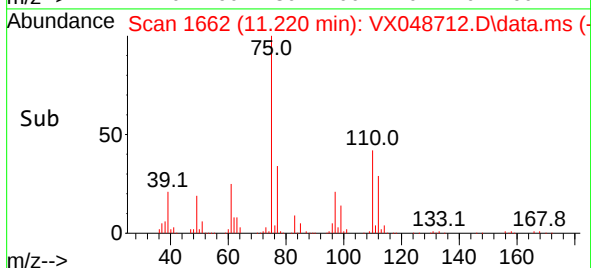
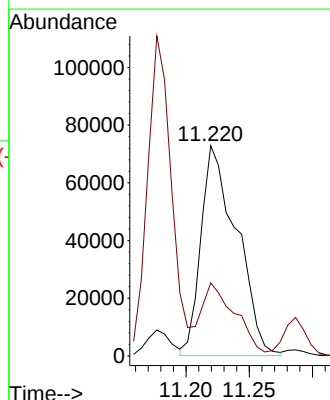
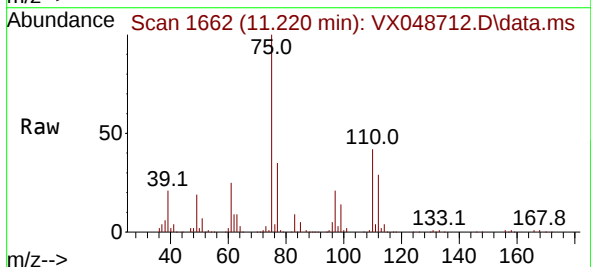
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

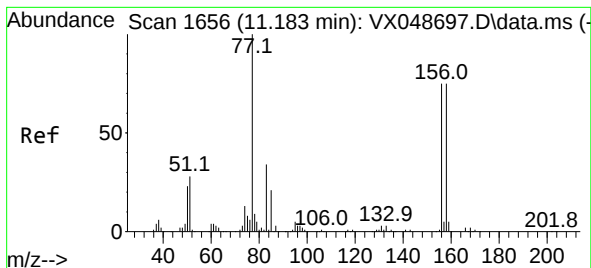
Tgt Ion: 83 Resp: 119961
Ion Ratio Lower Upper
83 100
131 11.4 5.3 16.1
85 64.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 66.721 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 75 Resp: 143147
Ion Ratio Lower Upper
75 100
77 31.4 19.0 57.0





#77

Bromobenzene

Concen: 52.348 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

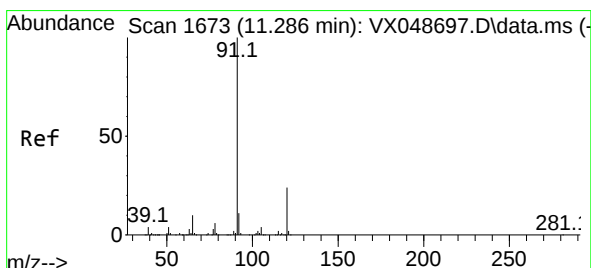
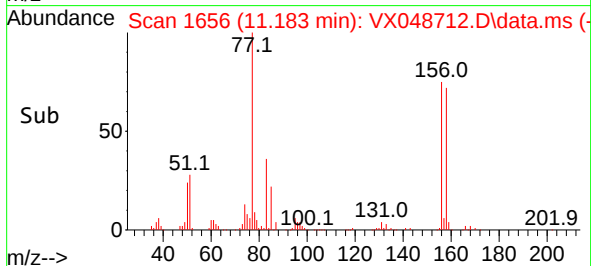
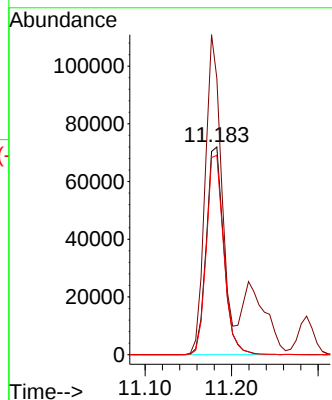
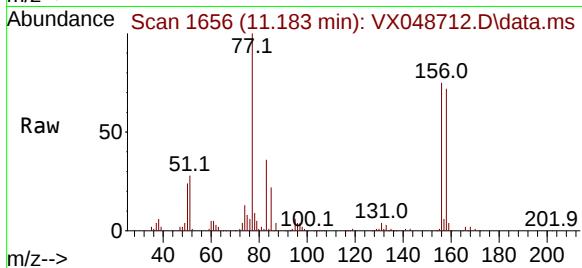
Tgt Ion:156 Resp: 100681

Ion Ratio Lower Upper

156 100

77 144.3 74.9 224.6

158 96.3 49.5 148.3



#78

n-propylbenzene

Concen: 48.096 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048712.D

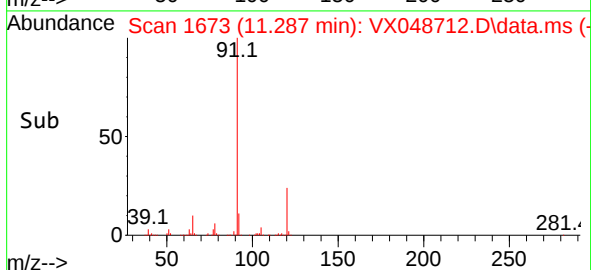
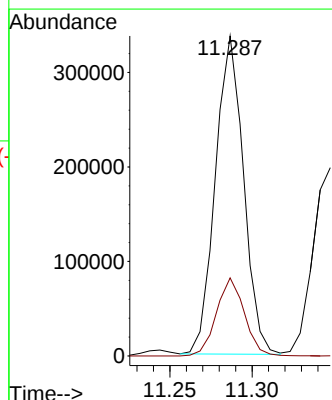
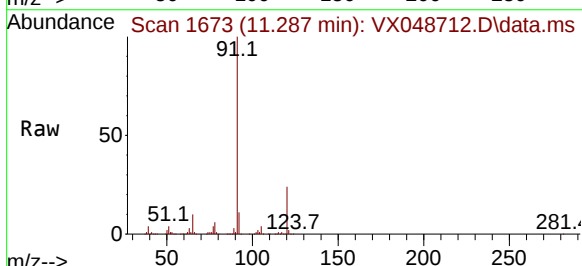
Acq: 03 Dec 2025 17:50

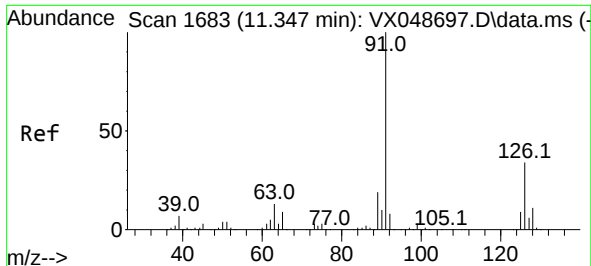
Tgt Ion: 91 Resp: 401924

Ion Ratio Lower Upper

91 100

120 24.3 11.9 35.7

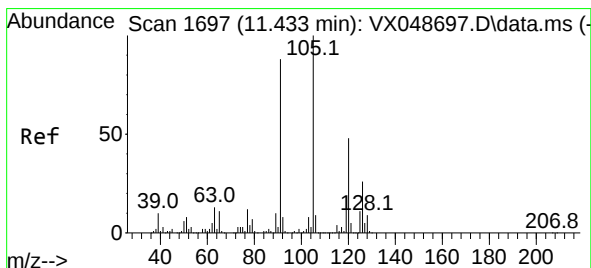
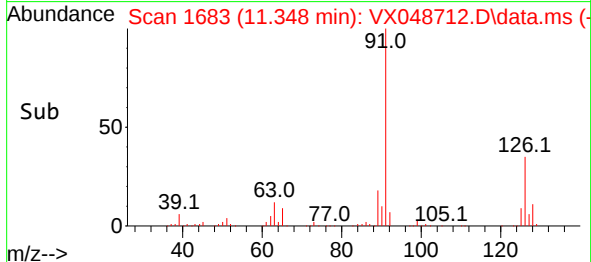
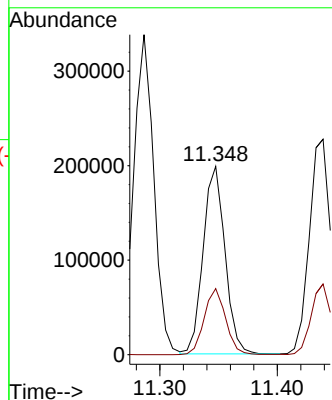
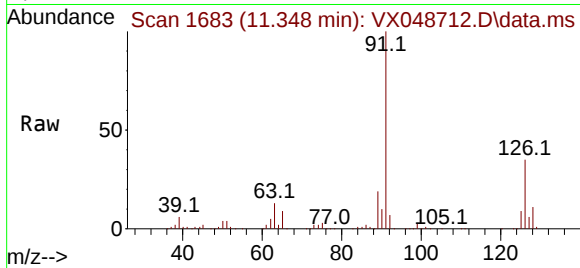




#79
2-Chlorotoluene
Concen: 50.473 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

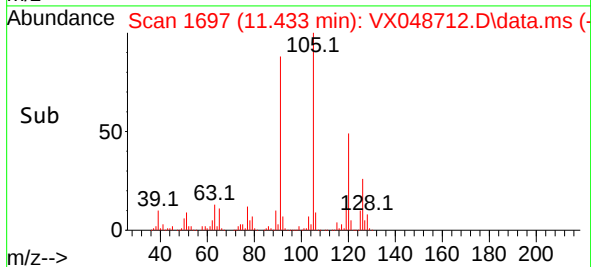
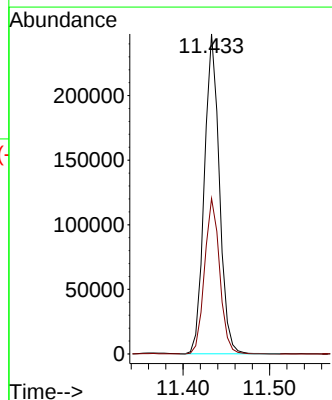
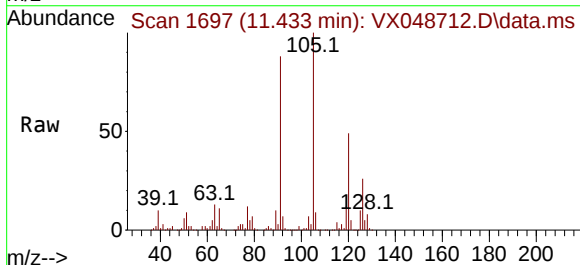
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

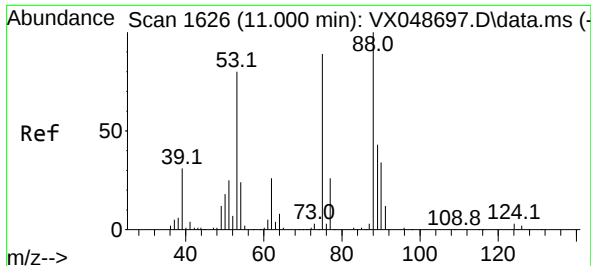
Tgt Ion: 91 Resp: 256344
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 50.921 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 105 Resp: 297243
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.2

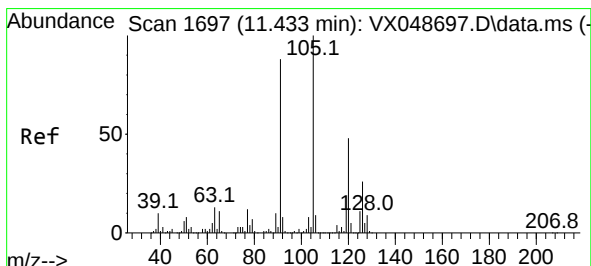
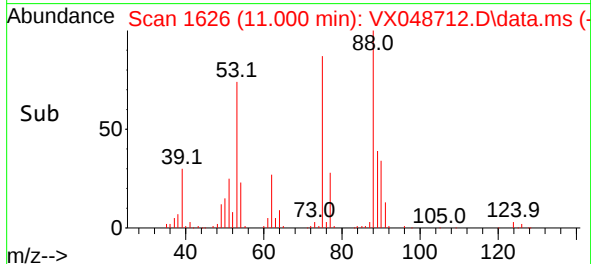
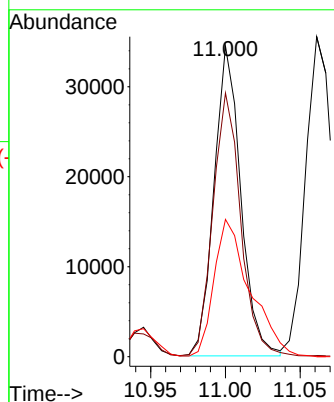
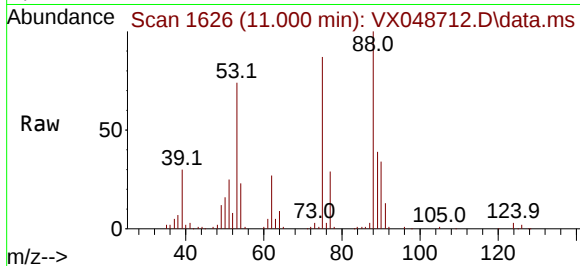




#81
trans-1,4-Dichloro-2-butene
Concen: 51.367 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

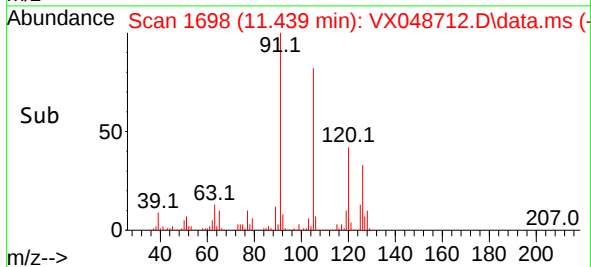
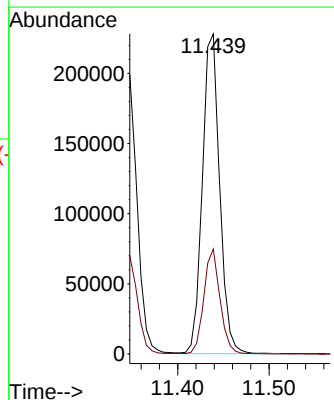
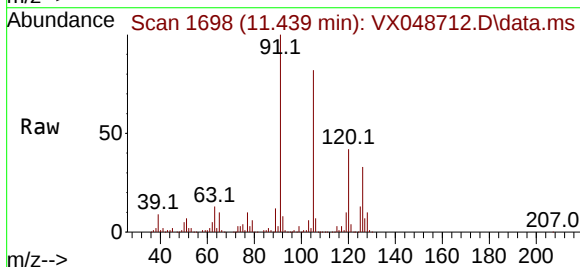
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

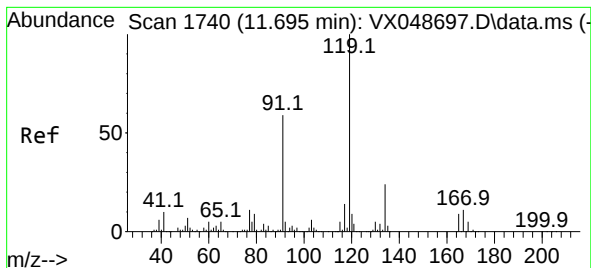
Tgt Ion: 75 Resp: 42850
Ion Ratio Lower Upper
75 100
53 89.1 74.8 112.2
89 59.8 0.0 0.0#



#82
4-Chlorotoluene
Concen: 50.526 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion: 91 Resp: 298466
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.1





#83

tert-Butylbenzene

Concen: 51.782 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

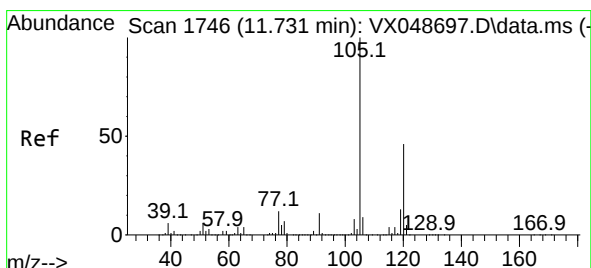
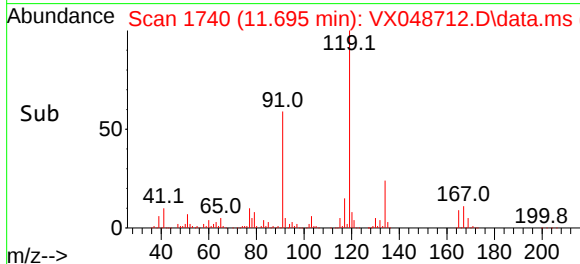
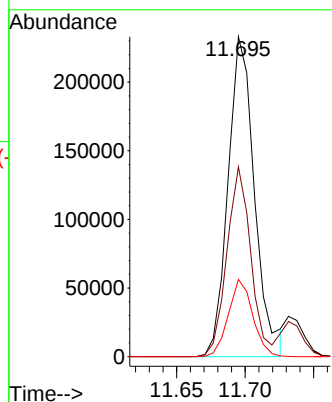
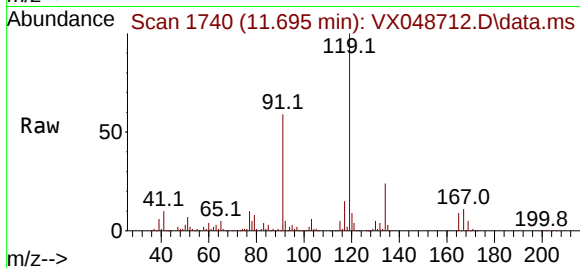
Tgt Ion:119 Resp: 313533

Ion Ratio Lower Upper

119 100

91 53.7 27.4 82.0

134 22.3 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 52.769 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048712.D

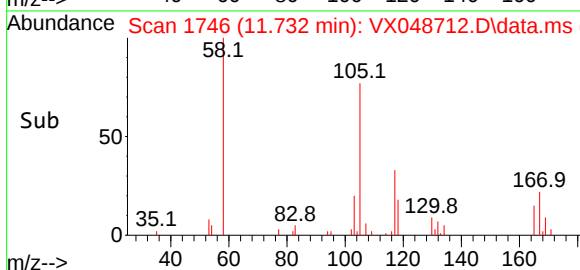
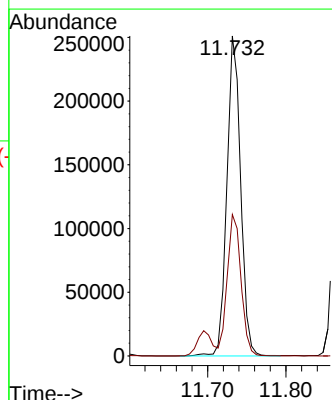
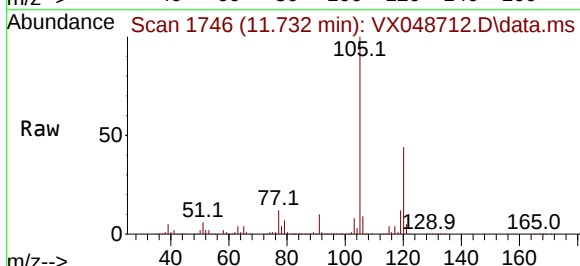
Acq: 03 Dec 2025 17:50

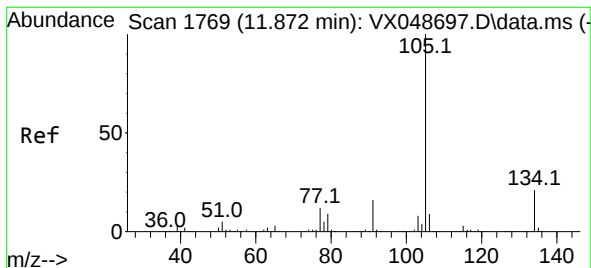
Tgt Ion:105 Resp: 306845

Ion Ratio Lower Upper

105 100

120 44.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 48.648 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

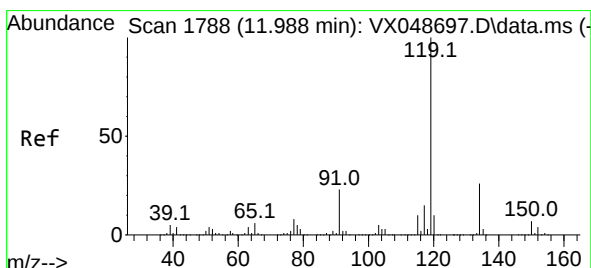
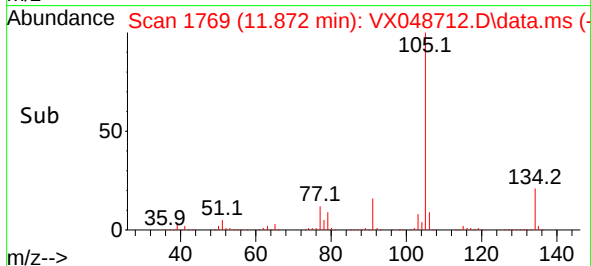
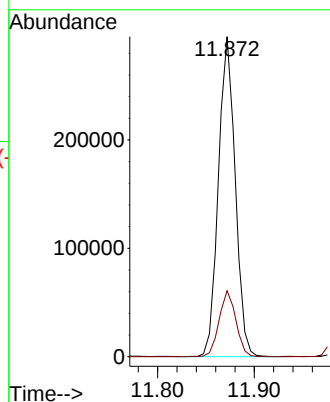
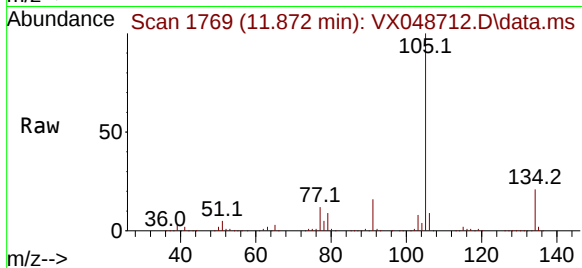
VSTDCCC050EC

Tgt Ion:105 Resp: 356557

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.730 ug/l

RT: 11.988 min Scan# 1788

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

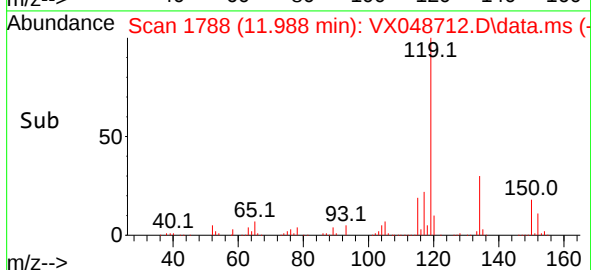
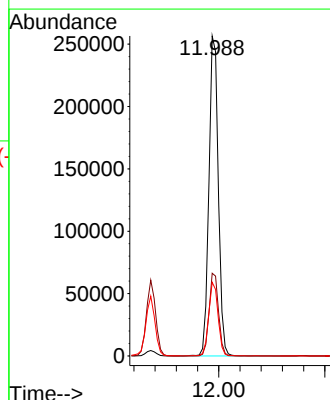
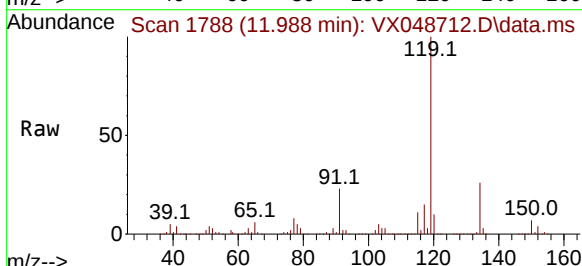
Tgt Ion:119 Resp: 313212

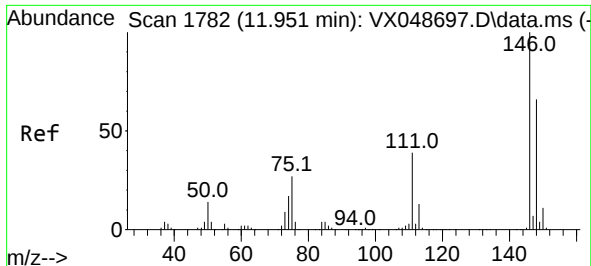
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.6

91 23.0 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 51.185 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

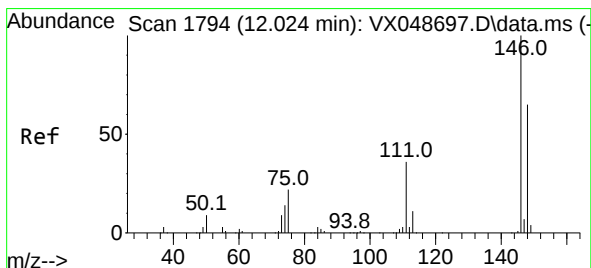
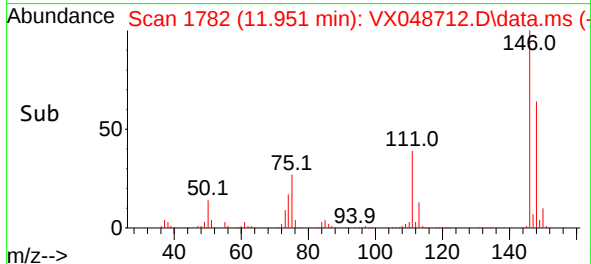
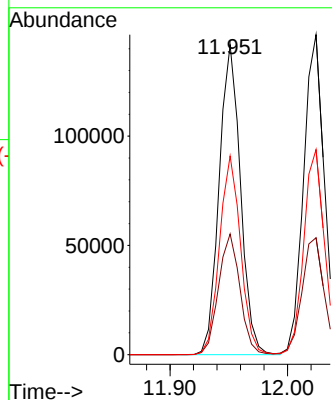
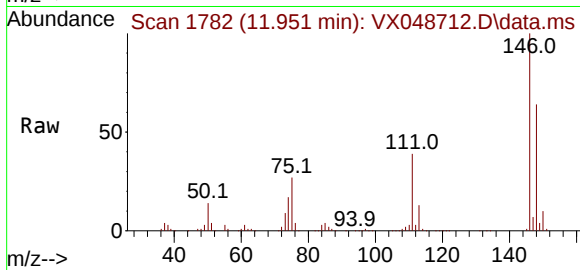
Tgt Ion:146 Resp: 179168

Ion Ratio Lower Upper

146 100

111 39.3 19.8 59.4

148 63.5 32.4 97.0



#88

1,4-Dichlorobenzene

Concen: 50.985 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

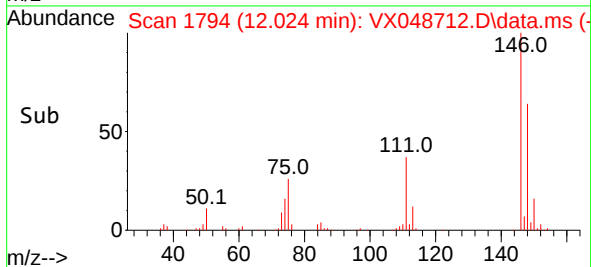
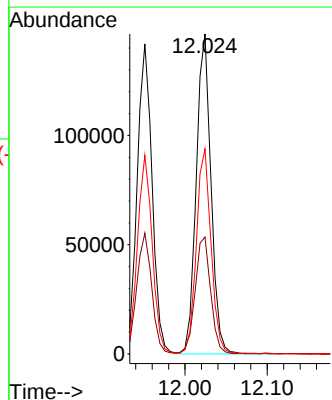
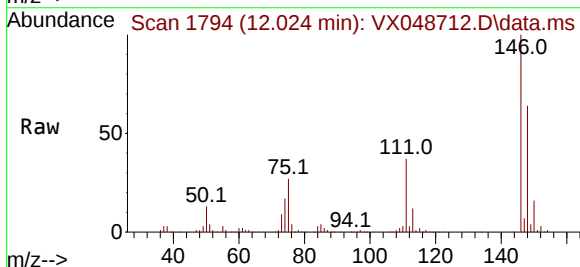
Tgt Ion:146 Resp: 182163

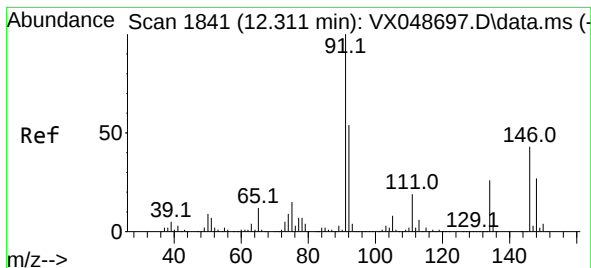
Ion Ratio Lower Upper

146 100

111 38.4 19.5 58.5

148 63.8 32.6 98.0





#89

n-Butylbenzene

Concen: 47.217 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048712.D

Acq: 03 Dec 2025 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

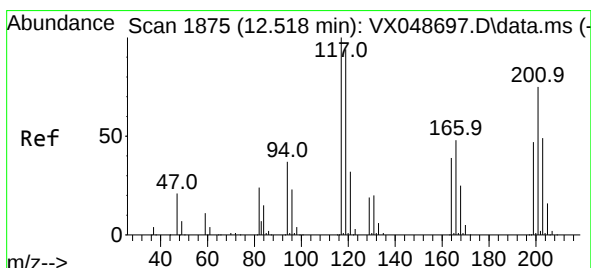
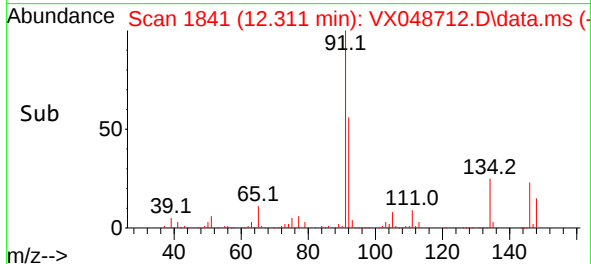
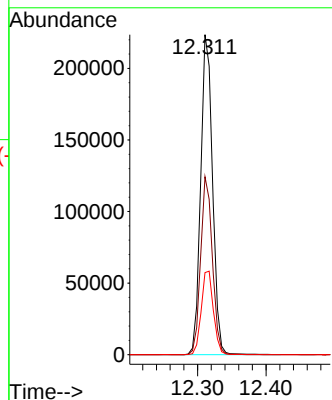
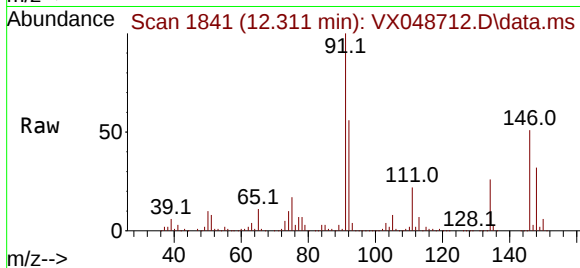
Tgt Ion: 91 Resp: 269277

Ion Ratio Lower Upper

91 100

92 55.1 27.0 81.0

134 26.8 13.2 39.6



#90

Hexachloroethane

Concen: 48.690 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048712.D

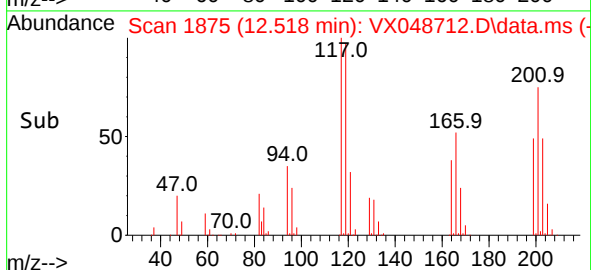
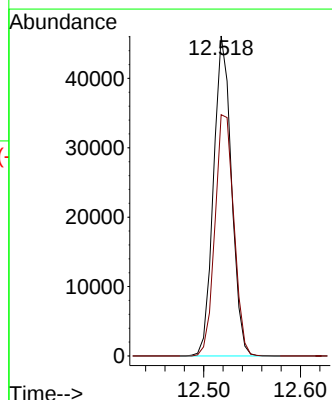
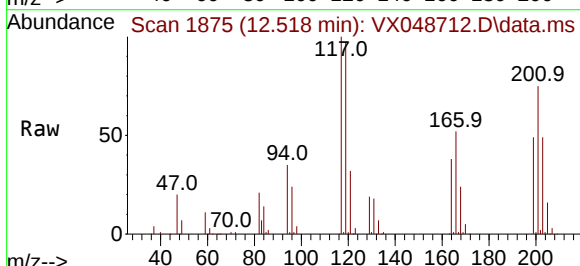
Acq: 03 Dec 2025 17:50

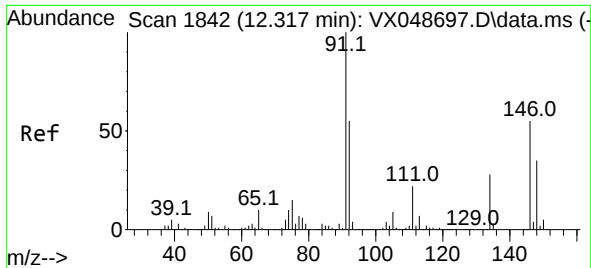
Tgt Ion: 117 Resp: 59346

Ion Ratio Lower Upper

117 100

201 79.4 39.3 117.9

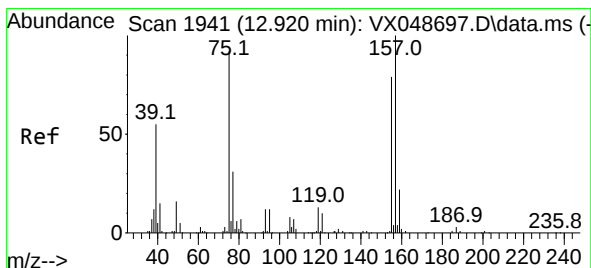
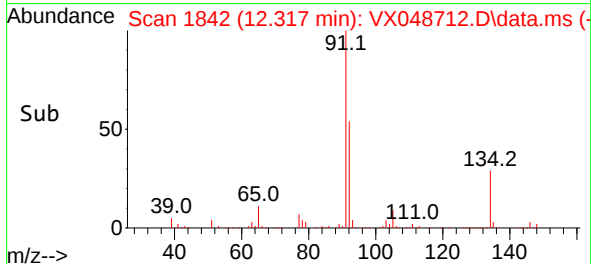
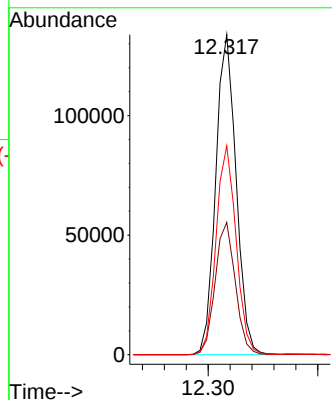
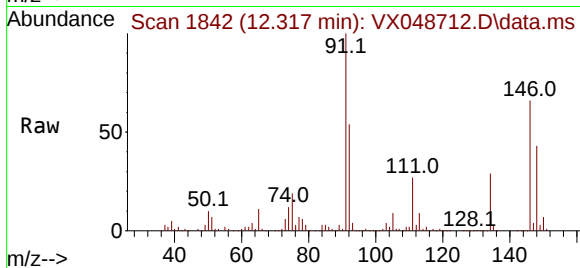




#91
 1,2-Dichlorobenzene
 Concen: 53.111 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VX048712.D
 Acq: 03 Dec 2025 17:50

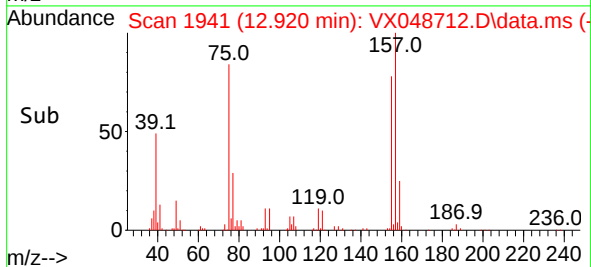
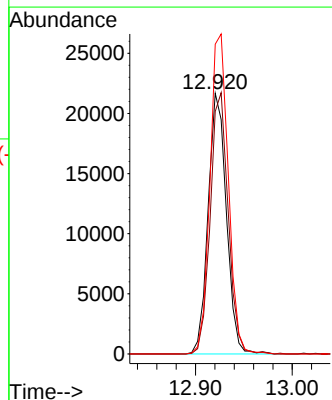
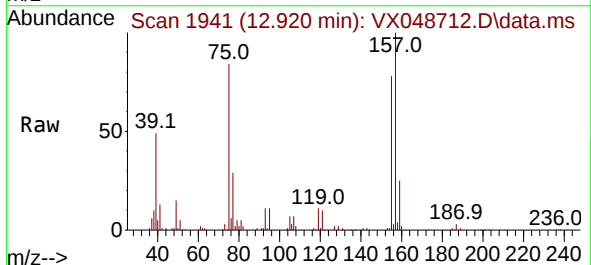
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

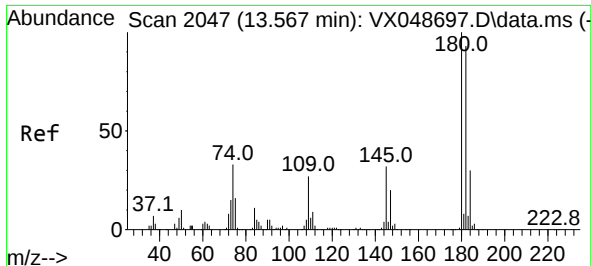
Tgt Ion:146 Resp: 173113
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.6 61.8
 148 64.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.202 ug/l
 RT: 12.920 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VX048712.D
 Acq: 03 Dec 2025 17:50

Tgt Ion: 75 Resp: 28434
 Ion Ratio Lower Upper
 75 100
 155 98.9 46.7 140.1
 157 123.3 58.7 176.1

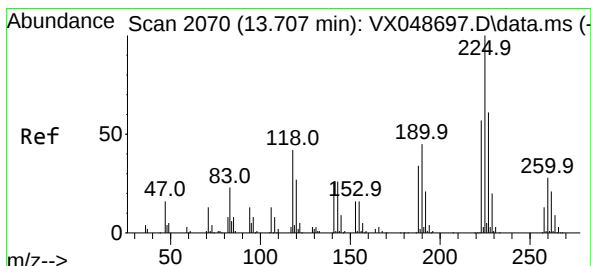
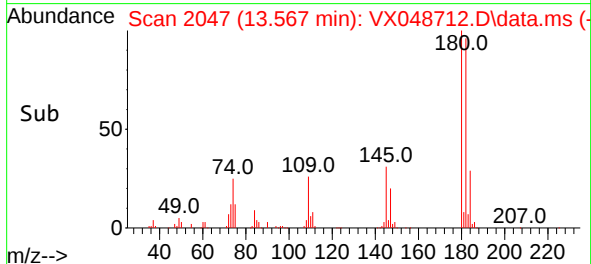
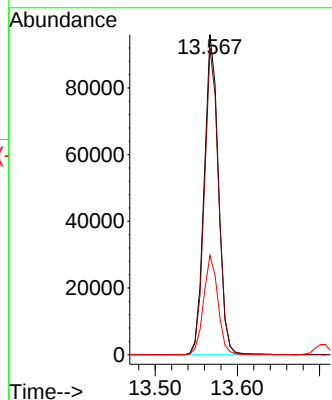
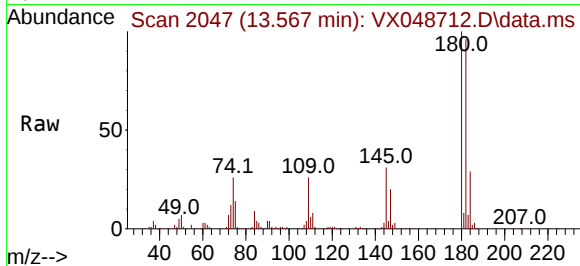




#93
1,2,4-Trichlorobenzene
Concen: 55.400 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

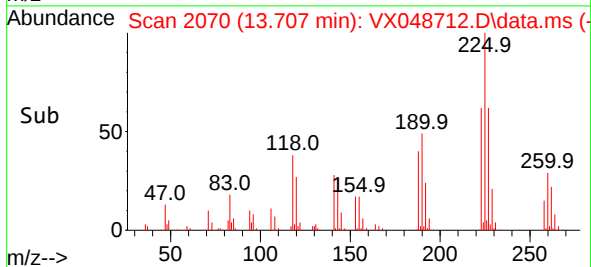
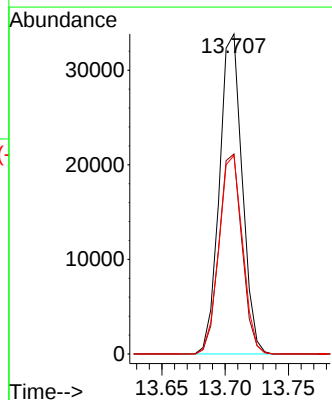
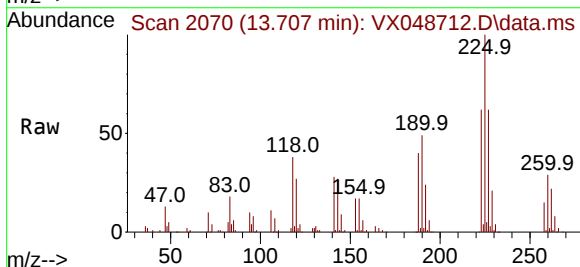
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

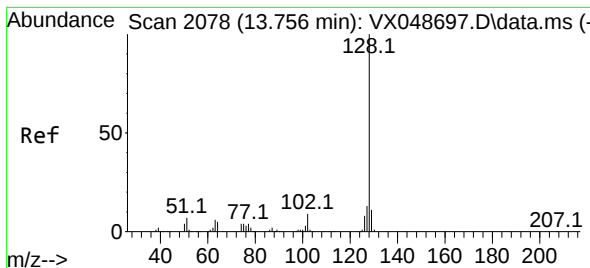
Tgt Ion:180 Resp: 114963
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 31.3 15.5 46.5



#94
Hexachlorobutadiene
Concen: 48.850 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion:225 Resp: 42208
Ion Ratio Lower Upper
225 100
223 63.1 31.6 95.0
227 64.1 31.6 94.7

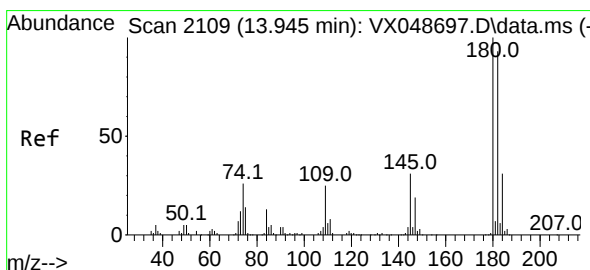
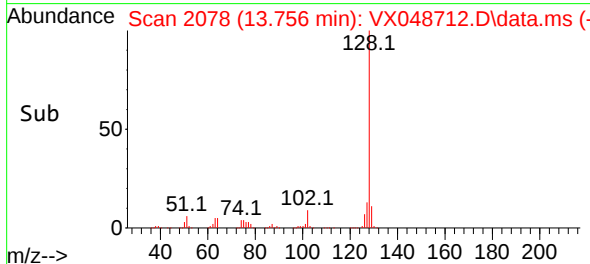
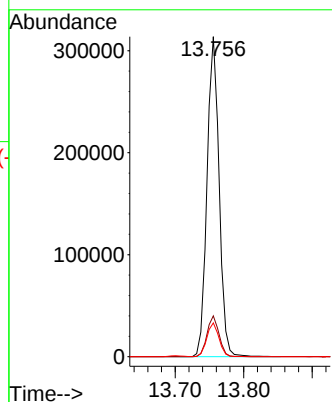
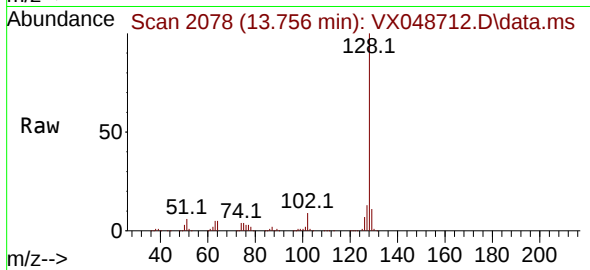




#95
Naphthalene
Concen: 60.781 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 384979
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 57.913 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.006 min
Lab File: VX048712.D
Acq: 03 Dec 2025 17:50

Tgt Ion:180 Resp: 110933
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.4
145 32.8 16.8 50.4

