

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048909.D
 Acq On : 16 Dec 2025 23:21
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Dec 17 03:32:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	86540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	157761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	144425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	72225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	80739	55.815	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.640%	
35) Dibromofluoromethane	5.373	113	60347	51.464	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.920%	
50) Toluene-d8	8.634	98	205651	49.124	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.240%	
62) 4-Bromofluorobenzene	11.061	95	70638	46.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	47274	47.467	ug/l	98
3) Chloromethane	1.300	50	55063	44.315	ug/l	95
4) Vinyl Chloride	1.379	62	54036	47.782	ug/l	99
5) Bromomethane	1.617	94	34323	45.125	ug/l	96
6) Chloroethane	1.696	64	32259	46.862	ug/l	95
7) Trichlorofluoromethane	1.898	101	76748	47.080	ug/l	96
8) Diethyl Ether	2.135	74	31126	49.074	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.337	101	44268	48.135	ug/l	97
10) Methyl Iodide	2.452	142	65386	50.147	ug/l	96
11) Tert butyl alcohol	2.934	59	21668	259.646	ug/l	98
12) 1,1-Dichloroethene	2.324	96	45438	50.271	ug/l	92
13) Acrolein	2.233	56	19245	216.707	ug/l	97
14) Allyl chloride	2.666	41	96871	51.738	ug/l	94
15) Acrylonitrile	3.056	53	121771	266.576	ug/l	98
16) Acetone	2.373	43	91587	300.568	ug/l	95
17) Carbon Disulfide	2.519	76	129423	47.452	ug/l	98
18) Methyl Acetate	2.696	43	51836	52.740	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	167327	51.553	ug/l	97
20) Methylene Chloride	2.788	84	60780	48.294	ug/l #	94
21) trans-1,2-Dichloroethene	3.092	96	51126	50.348	ug/l	94
22) Diisopropyl ether	3.751	45	213931	51.819	ug/l #	88
23) Vinyl Acetate	3.714	43	785505	260.288	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	107905	49.565	ug/l	99
25) 2-Butanone	4.531	43	137122	286.885	ug/l	91
26) 2,2-Dichloropropane	4.464	77	79135	44.432	ug/l	97
27) cis-1,2-Dichloroethene	4.482	96	64662	49.737	ug/l	90
28) Bromochloromethane	4.885	49	56484	51.054	ug/l #	75
29) Tetrahydrofuran	4.989	42	88274	257.281	ug/l	88
30) Chloroform	5.080	83	108169	49.301	ug/l	97
31) Cyclohexane	5.458	56	80982	49.834	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	89918	47.714	ug/l	95
36) 1,1-Dichloropropene	5.684	75	67027	45.546	ug/l	97
37) Ethyl Acetate	4.696	43	69467	49.418	ug/l #	96
38) Carbon Tetrachloride	5.665	117	75354	42.957	ug/l	94
39) Methylcyclohexane	7.366	83	76375	46.179	ug/l	94
40) Benzene	6.025	78	218356	44.756	ug/l	100

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 17 03:32:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	37035	52.359	ug/l	91
42) 1,2-Dichloroethane	6.074	62	82371	45.557	ug/l	95
43) Isopropyl Acetate	6.318	43	111173	47.692	ug/l #	93
44) Trichloroethene	7.110	130	50790	41.751	ug/l	93
45) 1,2-Dichloropropane	7.415	63	60383	45.731	ug/l	100
46) Dibromomethane	7.567	93	39965	46.190	ug/l	95
47) Bromodichloromethane	7.805	83	88845	46.435	ug/l	98
48) Methyl methacrylate	7.677	41	55969	49.075	ug/l	92
49) 1,4-Dioxane	7.640	88	9717	935.255	ug/l #	95
51) 4-Methyl-2-Pentanone	8.555	43	311180	238.589	ug/l	93
52) Toluene	8.701	92	130302	44.524	ug/l	93
53) t-1,3-Dichloropropene	8.963	75	85101	45.864	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	94495	47.033	ug/l	93
55) 1,1,2-Trichloroethane	9.134	97	51644	45.447	ug/l	97
56) Ethyl methacrylate	9.098	69	75762	49.200	ug/l	91
57) 1,3-Dichloropropane	9.293	76	89495	45.073	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	229851	249.059	ug/l	92
59) 2-Hexanone	9.415	43	210626	237.469	ug/l	94
60) Dibromochloromethane	9.506	129	64631	45.943	ug/l	99
61) 1,2-Dibromoethane	9.591	107	50845	45.712	ug/l	99
64) Tetrachloroethene	9.256	164	42268	45.509	ug/l	98
65) Chlorobenzene	10.061	112	147027	45.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	53388	46.274	ug/l	99
67) Ethyl Benzene	10.177	91	256199	46.651	ug/l	96
68) m/p-Xylenes	10.286	106	188756	93.330	ug/l	99
69) o-Xylene	10.622	106	89647	45.636	ug/l	100
70) Styrene	10.640	104	154386	46.497	ug/l	99
71) Bromoform	10.780	173	38574	44.749	ug/l #	100
73) Isopropylbenzene	10.945	105	227665	46.194	ug/l	100
74) N-amyl acetate	10.823	43	95334	45.694	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	63601	43.827	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	68861	59.297	ug/l	75
77) Bromobenzene	11.183	156	58452	46.384	ug/l	96
78) n-propylbenzene	11.286	91	274193	45.919	ug/l	99
79) 2-Chlorotoluene	11.347	91	163038	44.227	ug/l	99
80) 1,3,5-Trimethylbenzene	11.432	105	185733	45.884	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	20618	45.092	ug/l #	82
82) 4-Chlorotoluene	11.432	91	191192	45.236	ug/l	99
83) tert-Butylbenzene	11.695	119	188748	45.136	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	190094	46.481	ug/l	99
85) sec-Butylbenzene	11.871	105	231519	44.904	ug/l	100
86) p-Isopropyltoluene	11.987	119	193033	45.681	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	105622	44.670	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	107115	43.183	ug/l	99
89) n-Butylbenzene	12.310	91	183820	45.477	ug/l	98
90) Hexachloroethane	12.518	117	39504	43.450	ug/l	97
91) 1,2-Dichlorobenzene	12.316	146	102883	44.011	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	11266	43.383	ug/l	94
93) 1,2,4-Trichlorobenzene	13.566	180	66485	49.470	ug/l	99
94) Hexachlorobutadiene	13.706	225	26794	46.169	ug/l	97
95) Naphthalene	13.755	128	177530	52.293	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	61613	51.021	ug/l	98

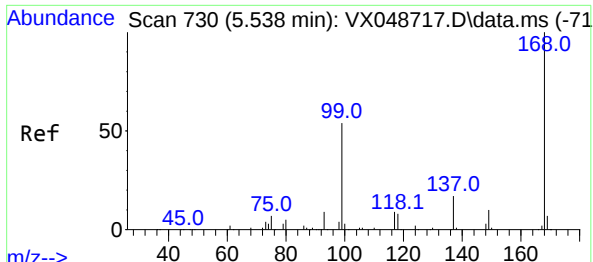
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
Data File : VX048909.D
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Quant Time: Dec 17 03:32:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 17 03:22:16 2025
Response via : Initial Calibration

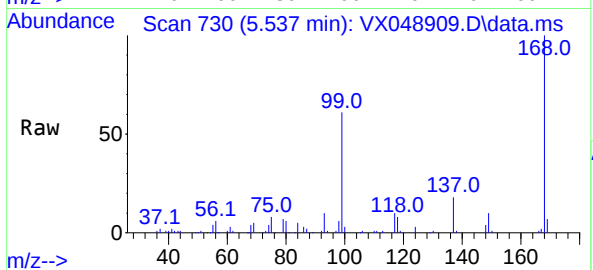
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

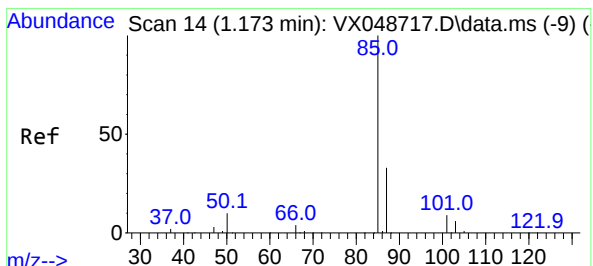
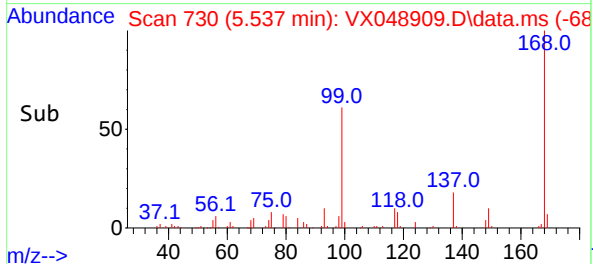
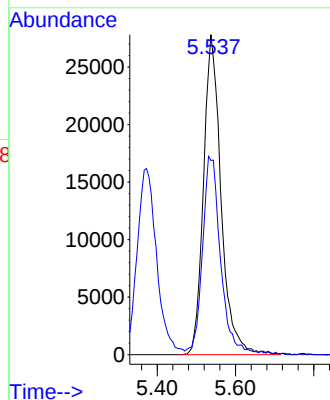


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

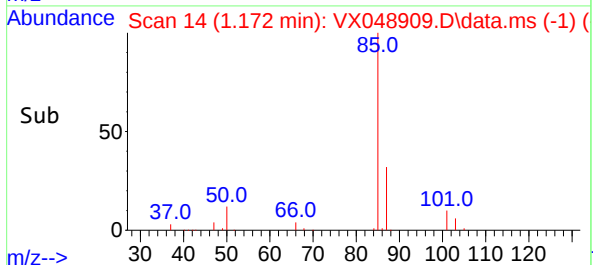
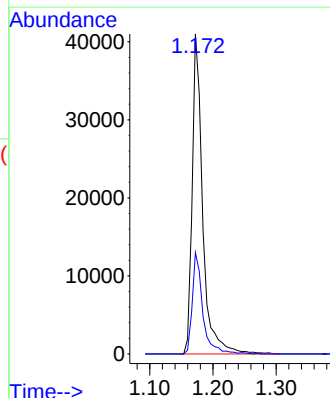
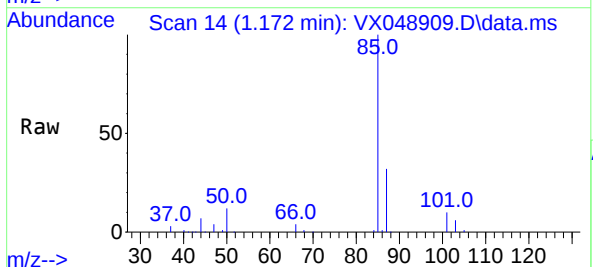


Tgt Ion:168 Resp: 86540
Ion Ratio Lower Upper
168 100
99 60.4 44.2 66.4

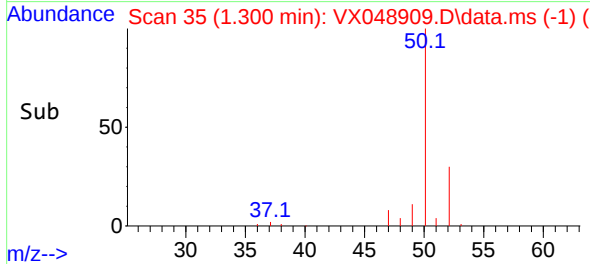
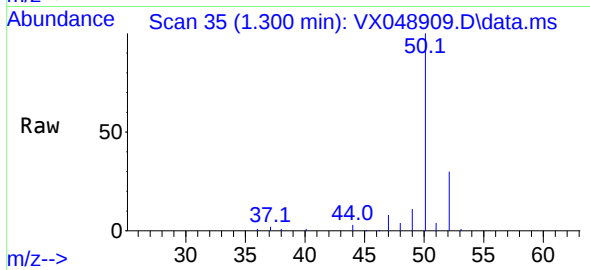
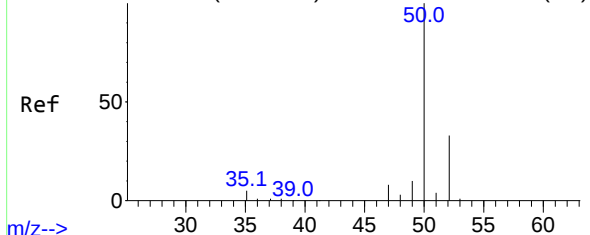


#2
Dichlorodifluoromethane
Concen: 47.467 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 85 Resp: 47274
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.1



Abundance Scan 35 (1.301 min): VX048717.D\data.ms (-30)



#3

Chloromethane

Concen: 44.315 ug/l

RT: 1.300 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

Instrument :

MSVOA_X

ClientSampleId :

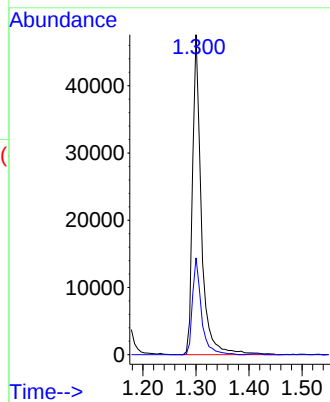
VSTDCCC050EC

Tgt Ion: 50 Resp: 55063

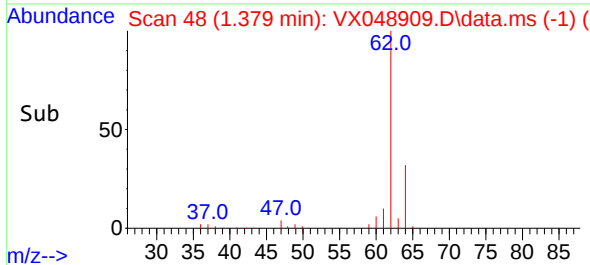
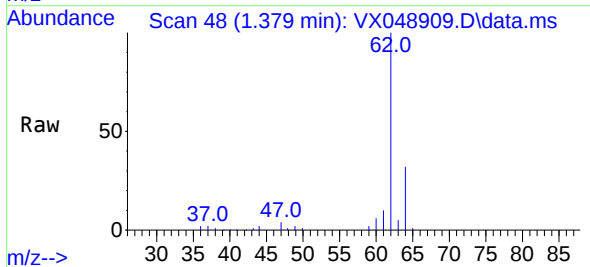
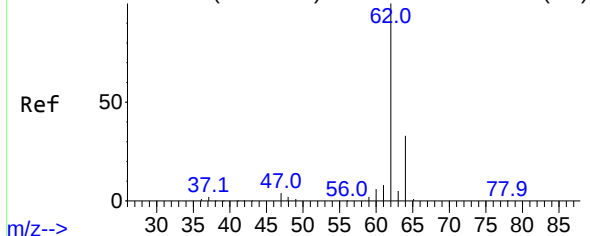
Ion Ratio Lower Upper

50 100

52 30.3 26.4 39.6



Abundance Scan 48 (1.380 min): VX048717.D\data.ms (-43)



#4

Vinyl Chloride

Concen: 47.782 ug/l

RT: 1.379 min Scan# 48

Delta R.T. -0.000 min

Lab File: VX048909.D

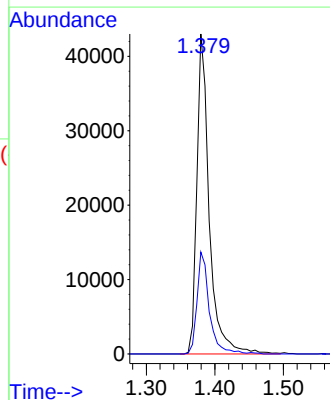
Acq: 16 Dec 2025 23:21

Tgt Ion: 62 Resp: 54036

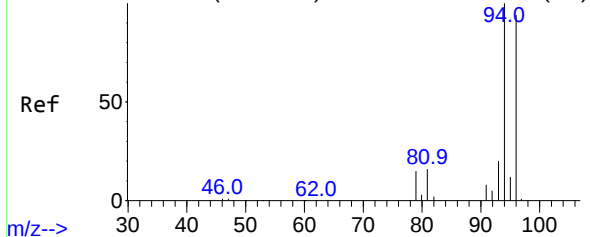
Ion Ratio Lower Upper

62 100

64 31.9 26.0 39.0



Abundance Scan 87 (1.618 min): VX048717.D\data.ms (-81)



#5

Bromomethane

Concen: 45.125 ug/l

RT: 1.617 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

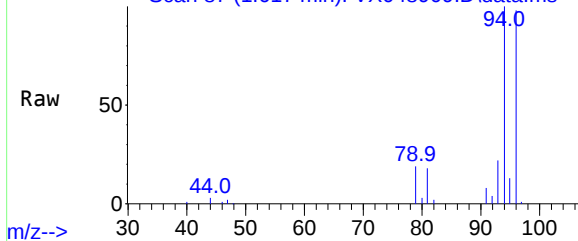
Tgt Ion: 94 Resp: 34323

Ion Ratio Lower Upper

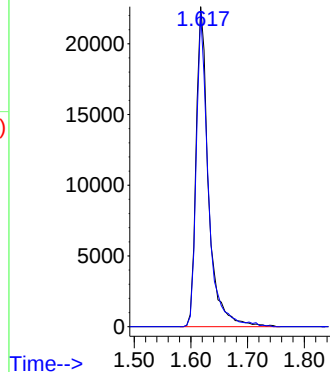
94 100

96 98.1 75.2 112.8

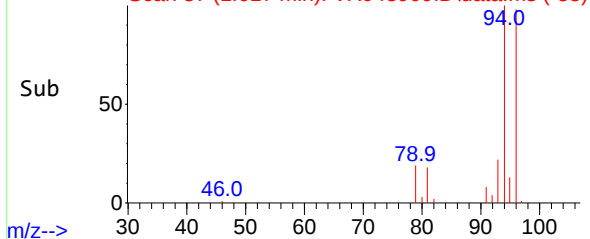
Abundance Scan 87 (1.617 min): VX048909.D\data.ms



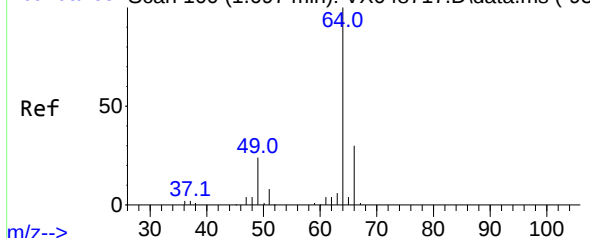
Abundance



Abundance Scan 87 (1.617 min): VX048909.D\data.ms (-38)



Abundance Scan 100 (1.697 min): VX048717.D\data.ms (-93)



#6

Chloroethane

Concen: 46.862 ug/l

RT: 1.696 min Scan# 100

Delta R.T. -0.000 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

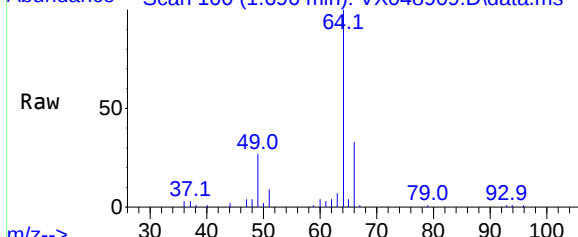
Tgt Ion: 64 Resp: 32259

Ion Ratio Lower Upper

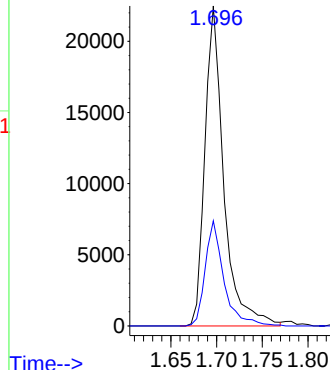
64 100

66 32.9 24.0 36.0

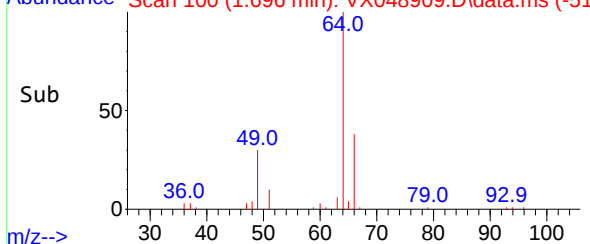
Abundance Scan 100 (1.696 min): VX048909.D\data.ms

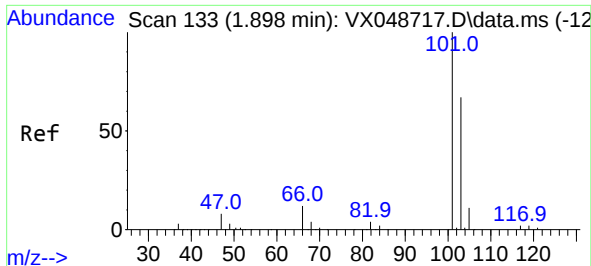


Abundance



Abundance Scan 100 (1.696 min): VX048909.D\data.ms (-51)

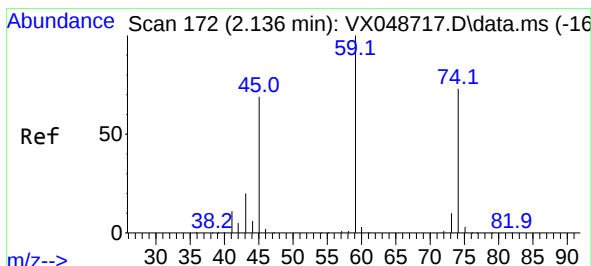
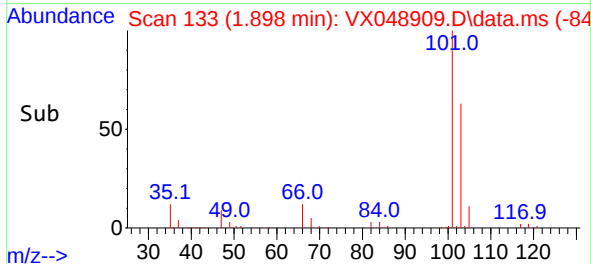
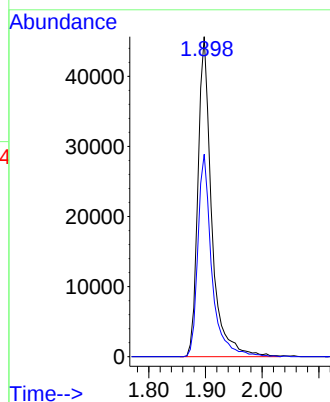
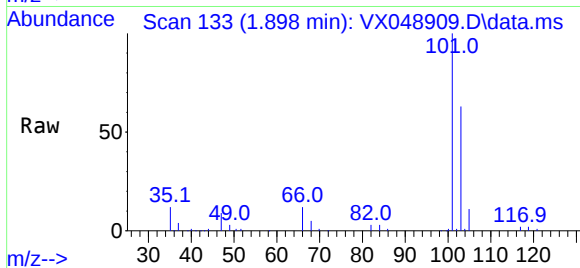




#7
 Trichlorofluoromethane
 Concen: 47.080 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048909.D
 Acq: 16 Dec 2025 23:21

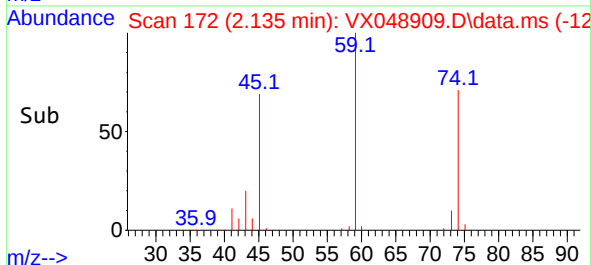
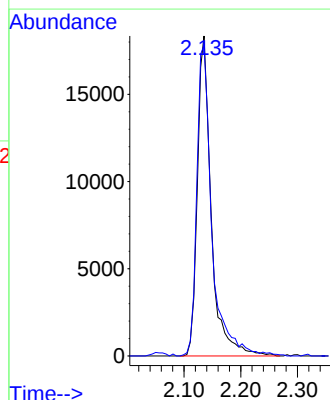
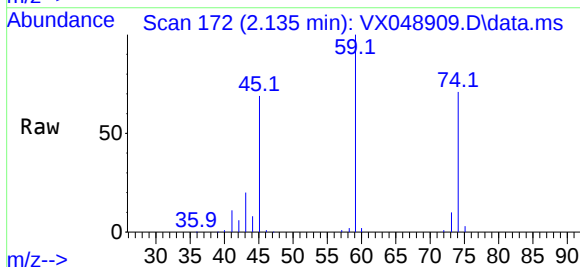
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

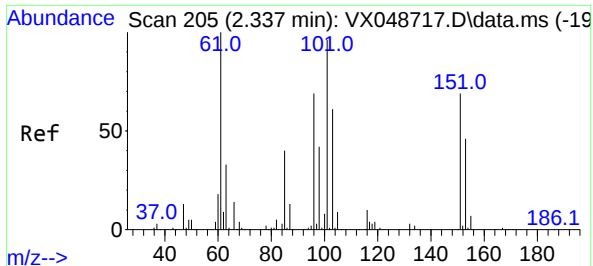
Tgt Ion:101 Resp: 76748
 Ion Ratio Lower Upper
 101 100
 103 63.2 53.4 80.2



#8
 Diethyl Ether
 Concen: 49.074 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048909.D
 Acq: 16 Dec 2025 23:21

Tgt Ion: 74 Resp: 31126
 Ion Ratio Lower Upper
 74 100
 45 104.7 48.9 146.8

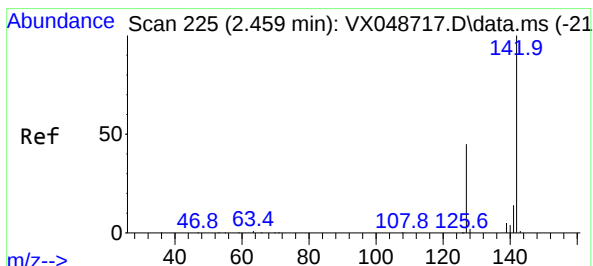
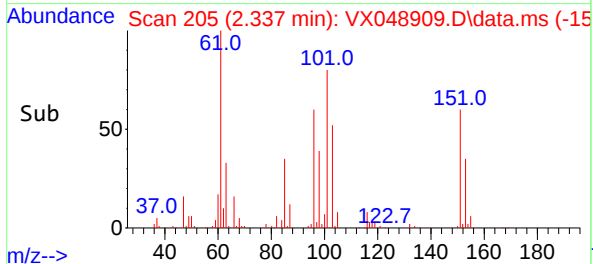
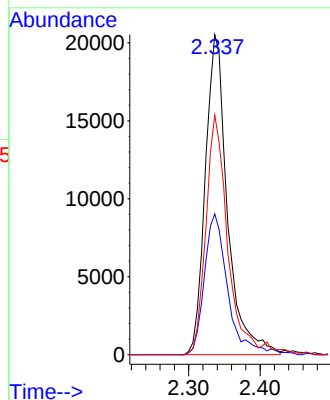
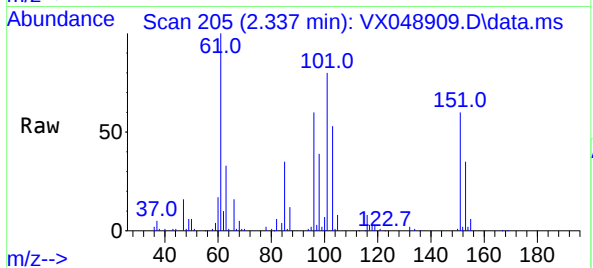




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.135 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

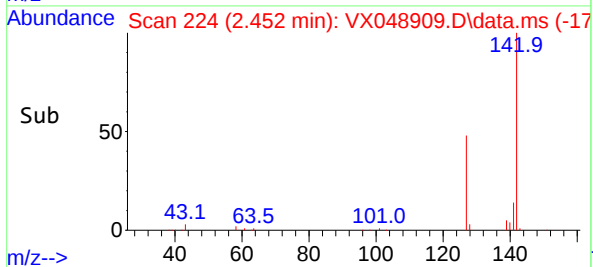
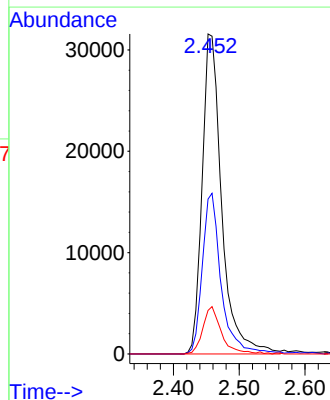
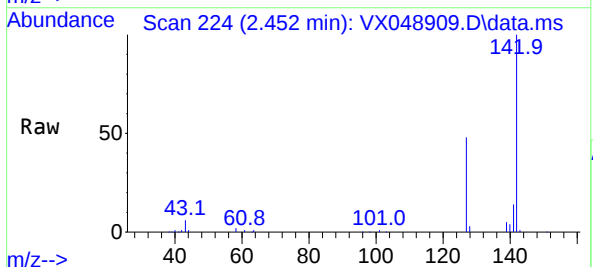
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

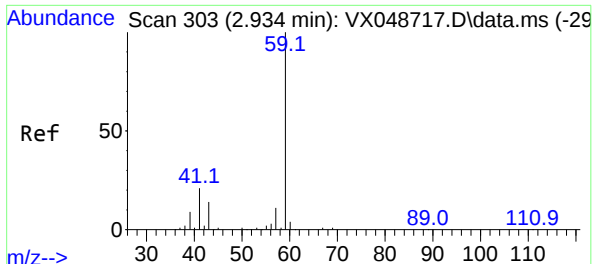
Tgt Ion:101 Resp: 44268
Ion Ratio Lower Upper
101 100
85 46.5 34.2 51.2
151 74.7 60.2 90.4



#10
Methyl Iodide
Concen: 50.147 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.007 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion:142 Resp: 65386
Ion Ratio Lower Upper
142 100
127 48.4 35.8 53.6
141 13.9 11.1 16.7

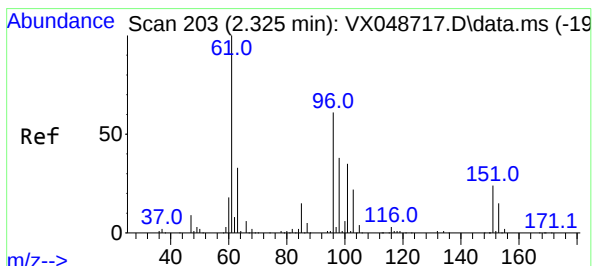
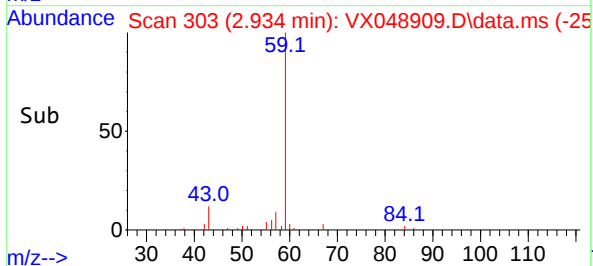
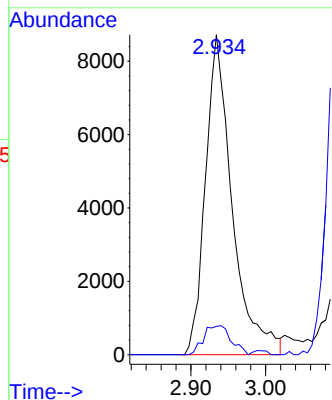
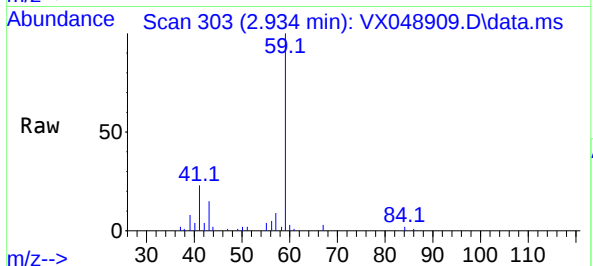




#11
Tert butyl alcohol
Concen: 259.646 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

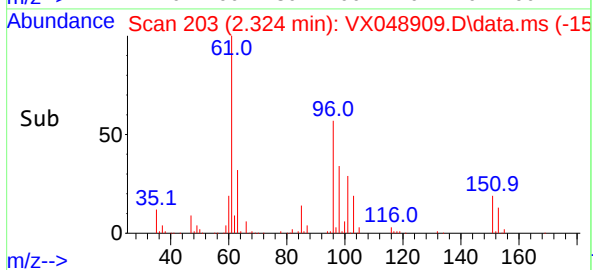
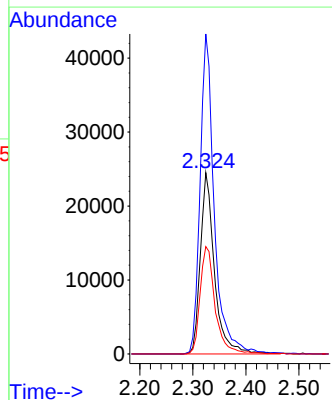
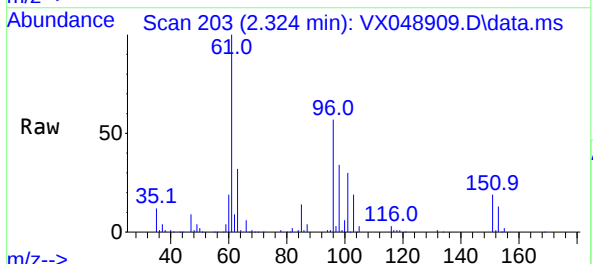
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

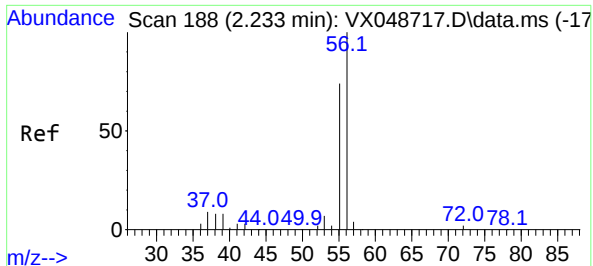
Tgt Ion: 59 Resp: 21668
Ion Ratio Lower Upper
59 100
57 9.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 50.271 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 96 Resp: 45438
Ion Ratio Lower Upper
96 100
61 176.5 130.7 196.1
98 59.2 49.8 74.8

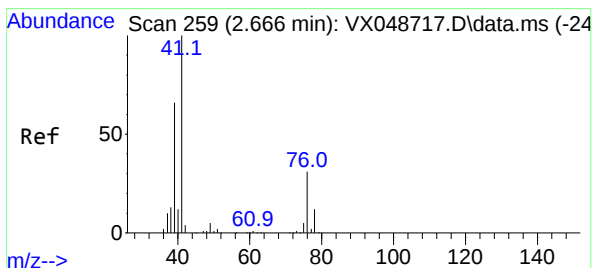
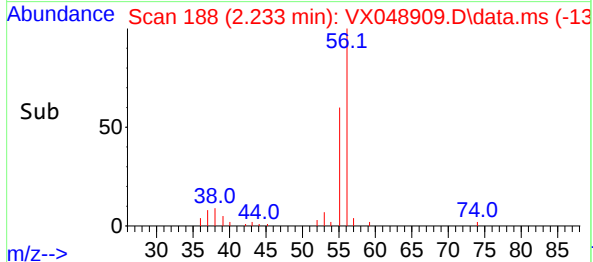
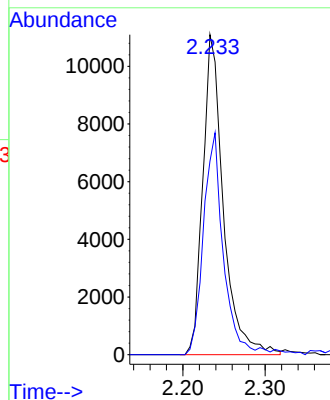
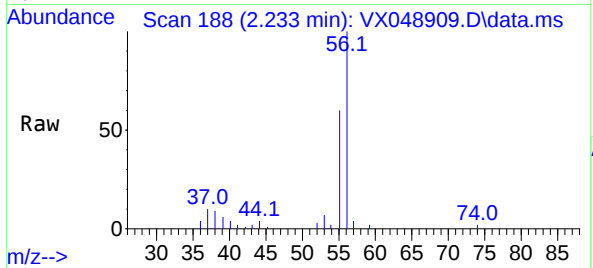




#13
Acrolein
Concen: 216.707 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

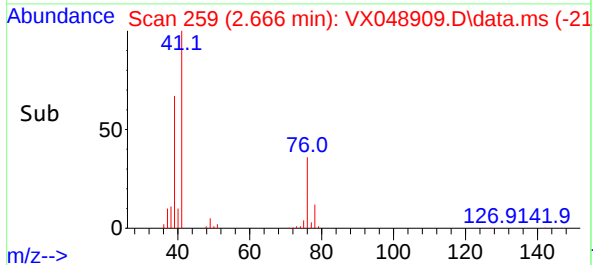
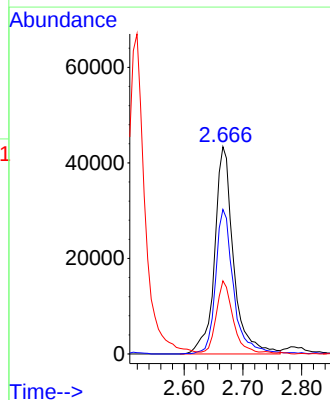
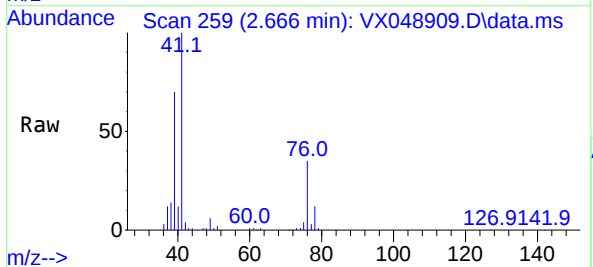
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

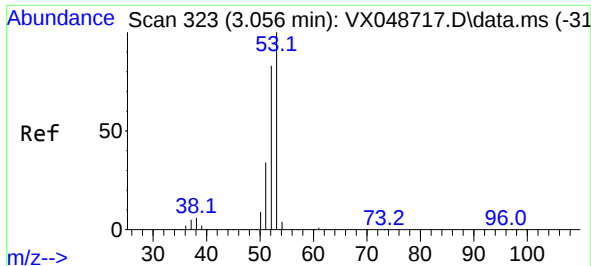
Tgt Ion: 56 Resp: 19245
Ion Ratio Lower Upper
56 100
55 67.0 55.8 83.6



#14
Allyl chloride
Concen: 51.738 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 41 Resp: 96871
Ion Ratio Lower Upper
41 100
39 66.8 49.8 74.6
76 30.9 27.3 40.9



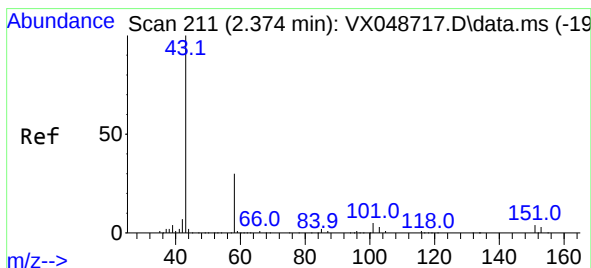
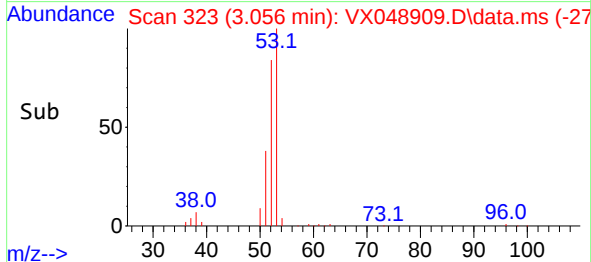
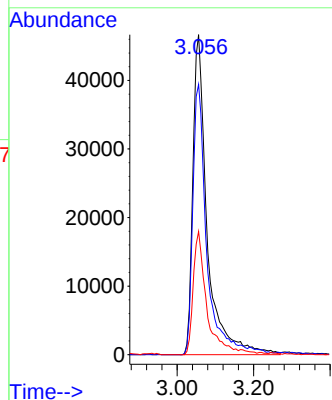
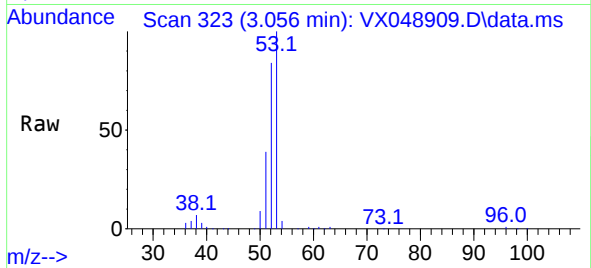


#15
Acrylonitrile
Concen: 266.576 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 121771

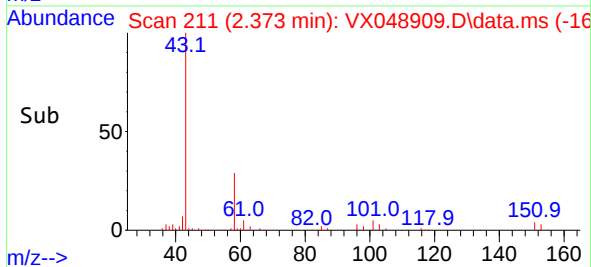
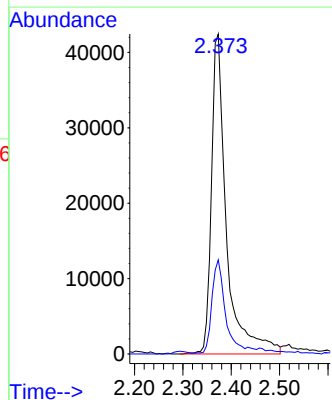
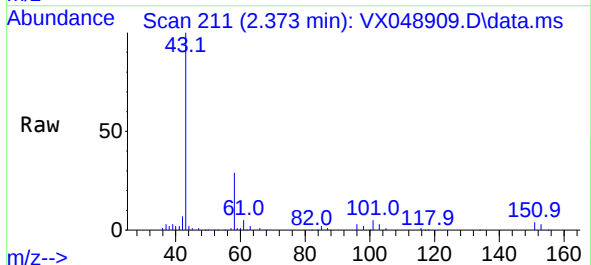
Ion	Ratio	Lower	Upper
53	100		
52	80.9	66.3	99.5
51	36.9	28.7	43.1

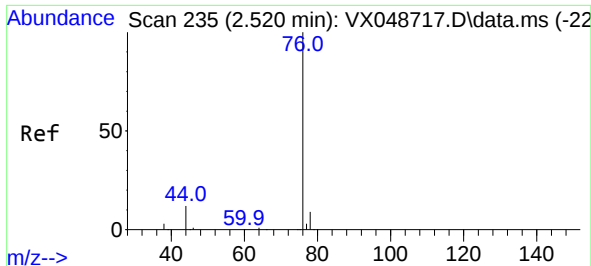


#16
Acetone
Concen: 300.568 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 43 Resp: 91587

Ion	Ratio	Lower	Upper
43	100		
58	28.6	25.0	37.4

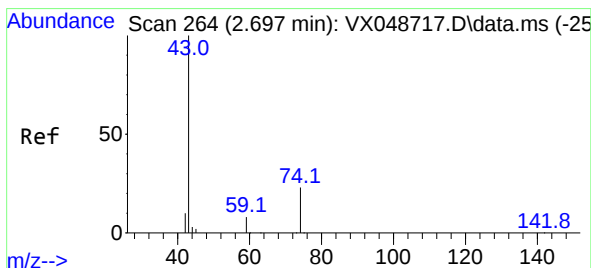
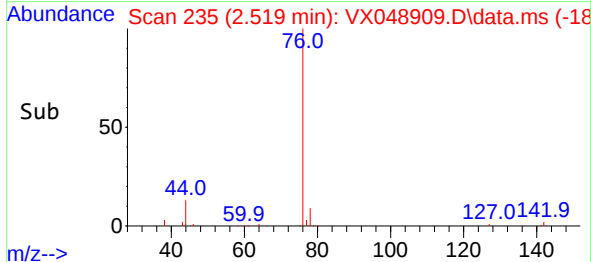
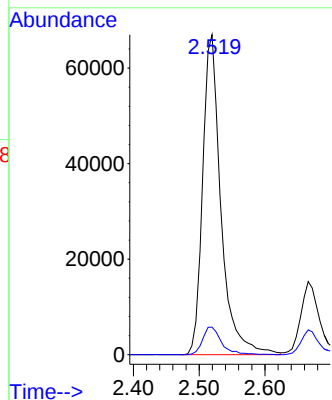
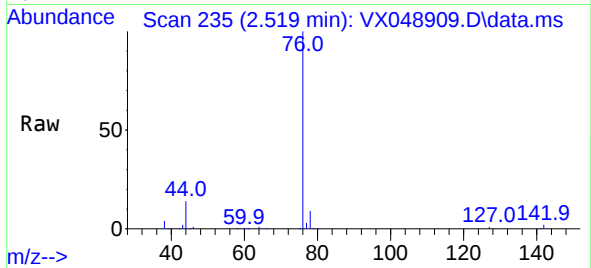




#17
Carbon Disulfide
Concen: 47.452 ug/l
RT: 2.519 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

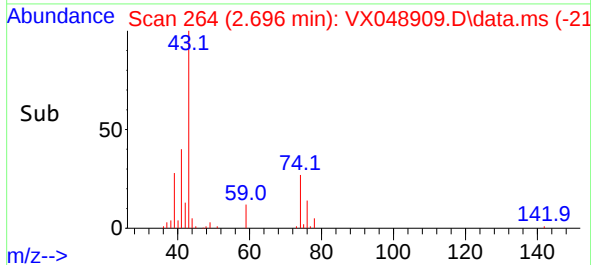
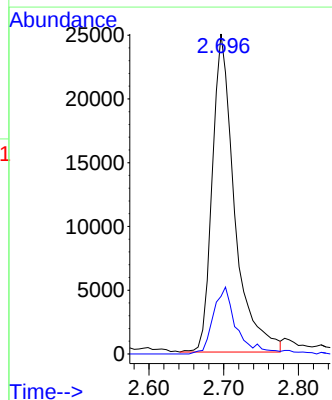
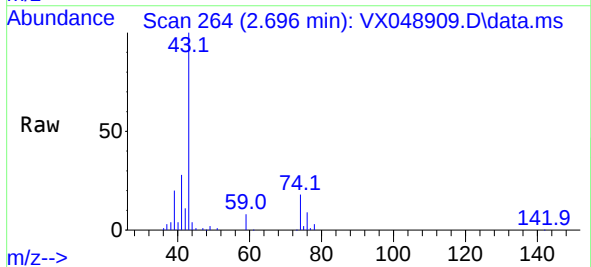
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

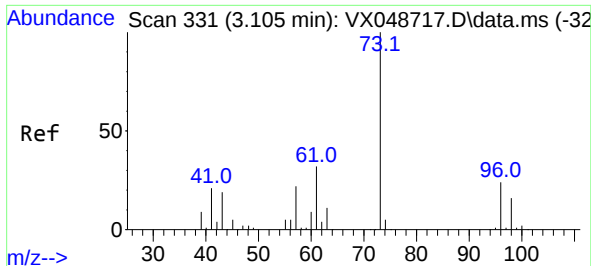
Tgt Ion: 76 Resp: 129423
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 52.740 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 43 Resp: 51836
Ion Ratio Lower Upper
43 100
74 21.6 19.2 28.8

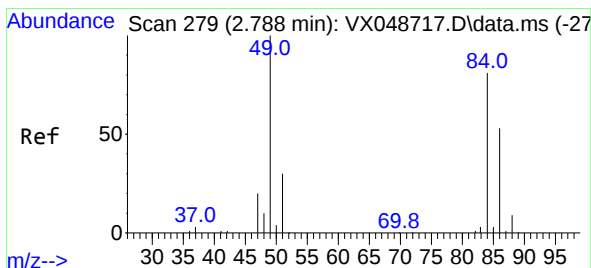
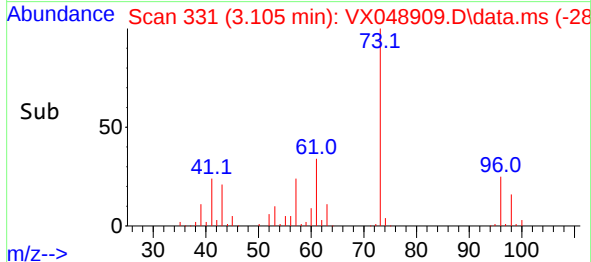
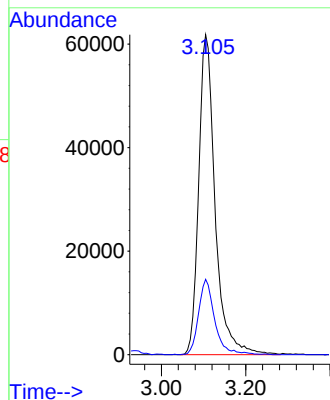
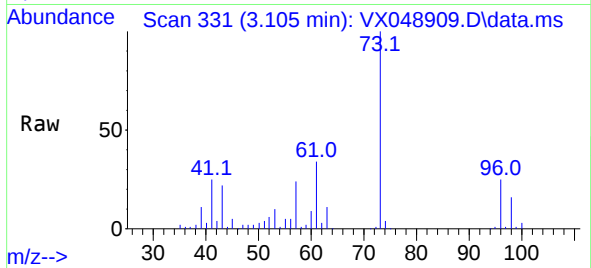




#19
Methyl tert-butyl Ether
Concen: 51.553 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

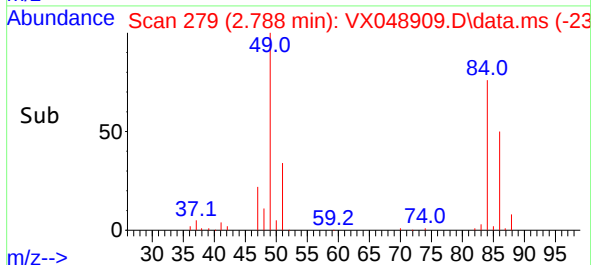
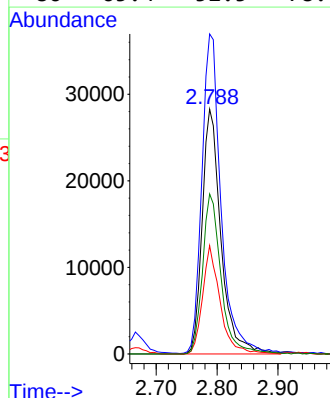
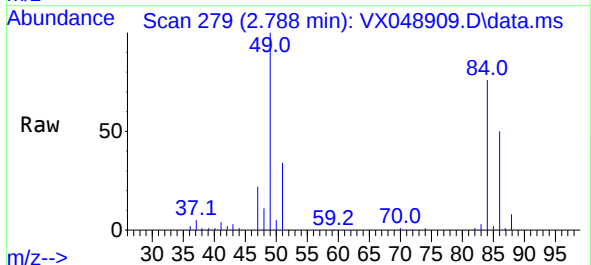
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

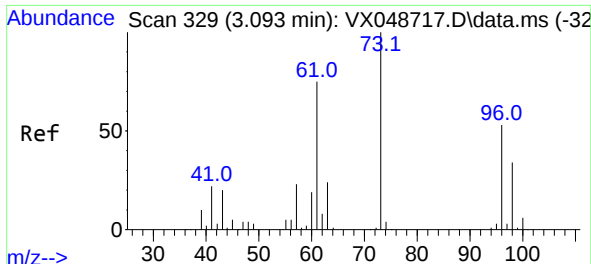
Tgt Ion: 73 Resp: 167327
Ion Ratio Lower Upper
73 100
57 23.6 17.8 26.6



#20
Methylene Chloride
Concen: 48.294 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 84 Resp: 60780
Ion Ratio Lower Upper
84 100
49 130.5 98.7 148.1
51 44.3 29.4 44.2#
86 65.4 52.5 78.7

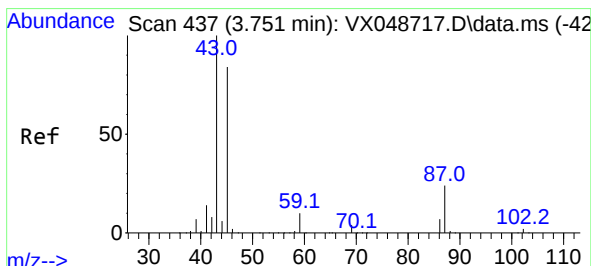
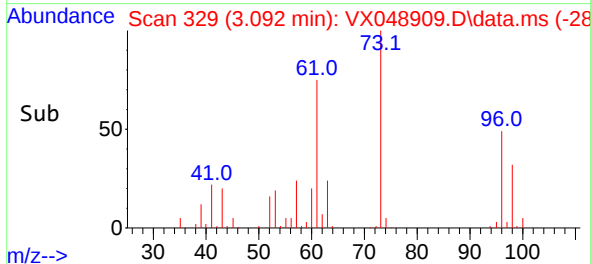
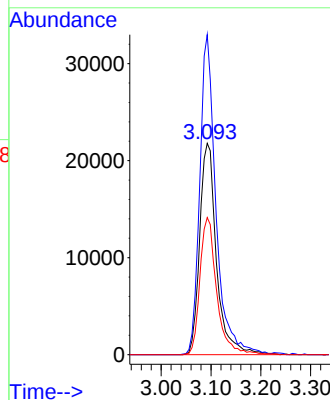
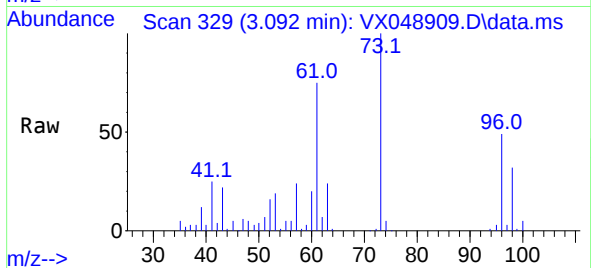




#21
trans-1,2-Dichloroethene
Concen: 50.348 ug/l
RT: 3.092 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

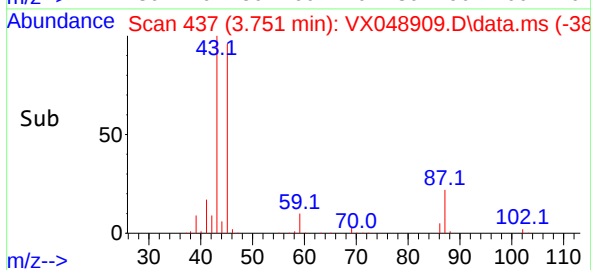
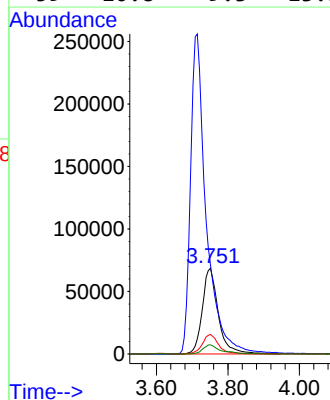
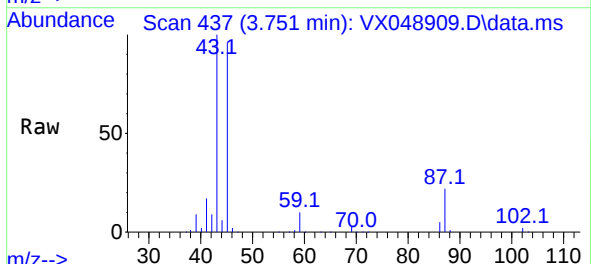
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

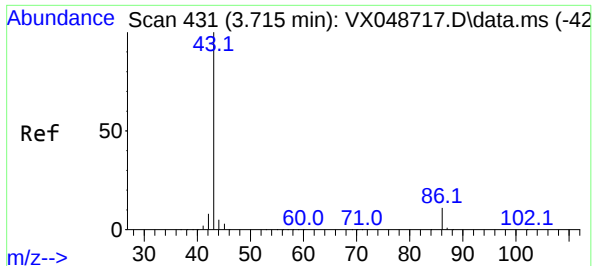
Tgt Ion: 96 Resp: 51126
Ion Ratio Lower Upper
96 100
61 151.4 112.8 169.2
98 64.9 51.0 76.4



#22
Diisopropyl ether
Concen: 51.819 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.006 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 45 Resp: 213931
Ion Ratio Lower Upper
45 100
43 103.5 94.9 142.3
87 22.9 23.2 34.8#
59 10.8 9.3 13.9

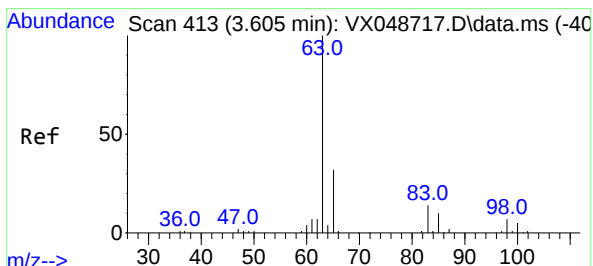
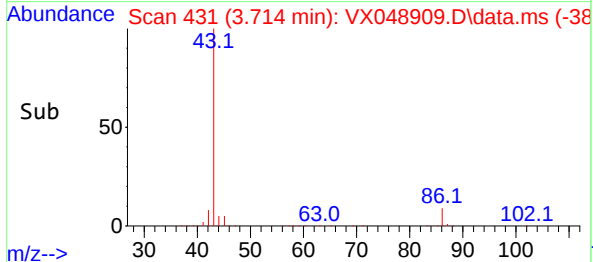
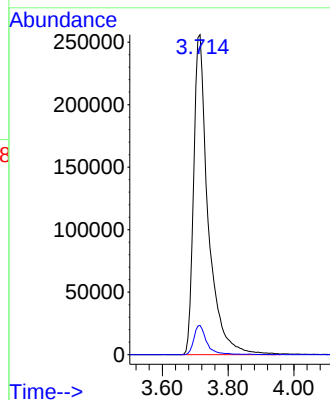
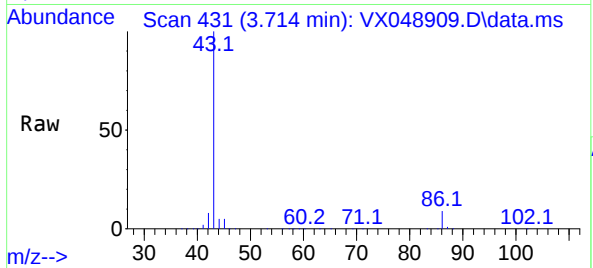




#23
 Vinyl Acetate
 Concen: 260.288 ug/l
 RT: 3.714 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX048909.D
 Acq: 16 Dec 2025 23:21

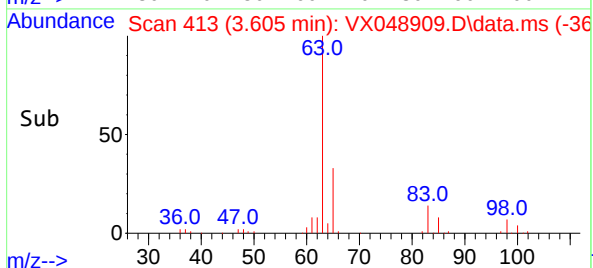
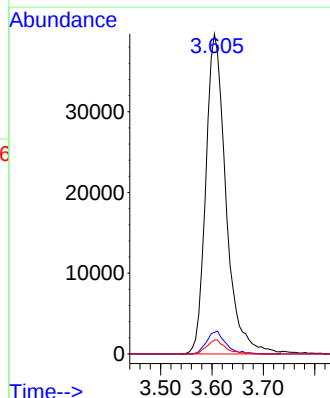
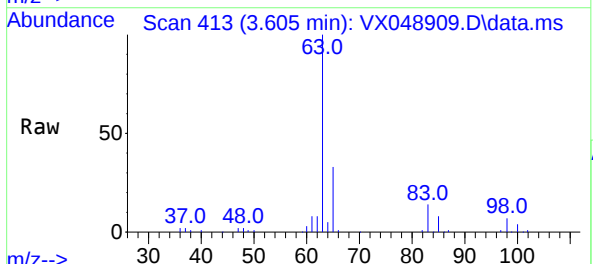
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

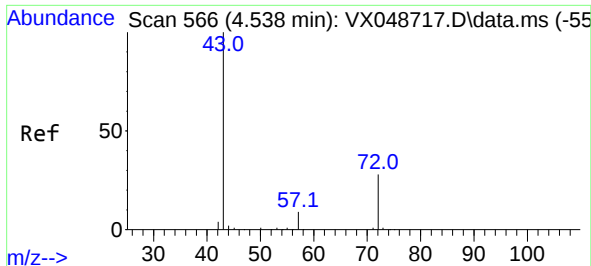
Tgt Ion: 43 Resp: 785505
 Ion Ratio Lower Upper
 43 100
 86 9.2 9.2 13.8#



#24
 1,1-Dichloroethane
 Concen: 49.565 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048909.D
 Acq: 16 Dec 2025 23:21

Tgt Ion: 63 Resp: 107905
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.4 2.5 7.4

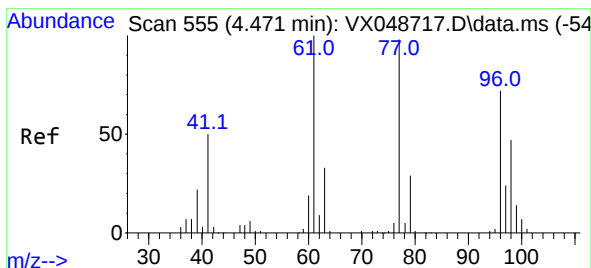
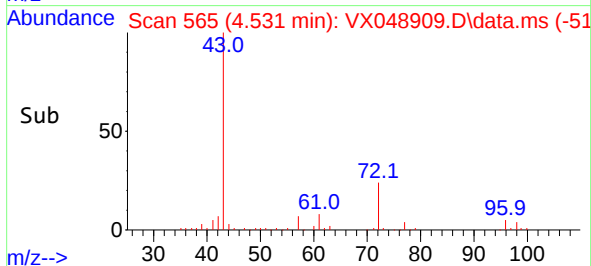
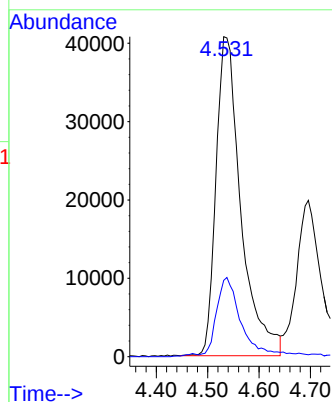
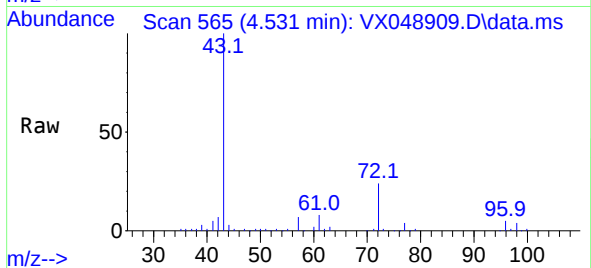




#25
2-Butanone
Concen: 286.885 ug/l
RT: 4.531 min Scan# 50
Delta R.T. -0.007 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

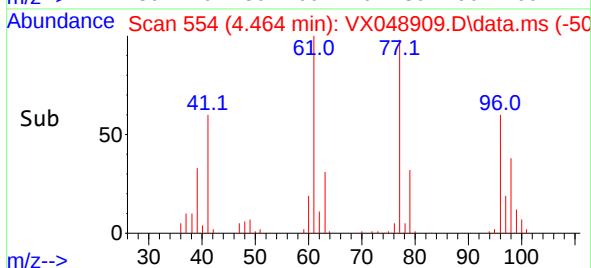
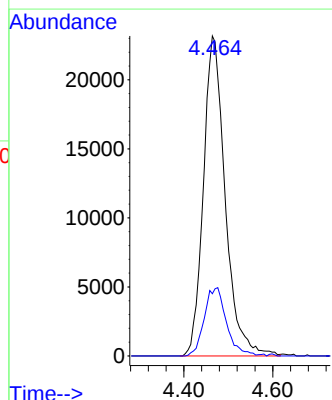
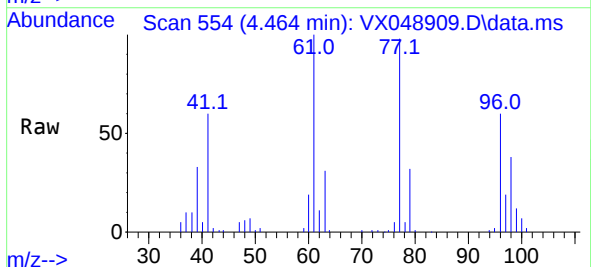
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

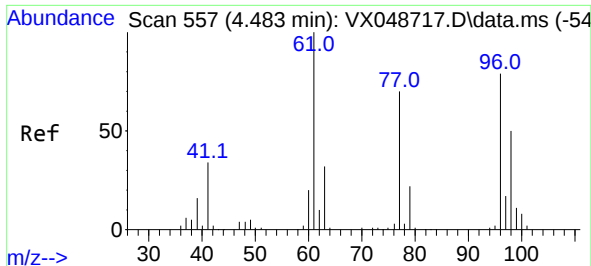
Tgt Ion: 43 Resp: 137122
Ion Ratio Lower Upper
43 100
72 23.7 22.6 34.0



#26
2,2-Dichloropropane
Concen: 44.432 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 77 Resp: 79135
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.8

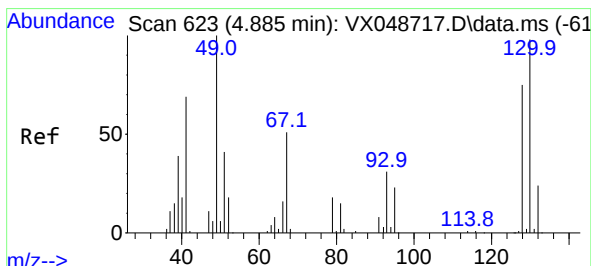
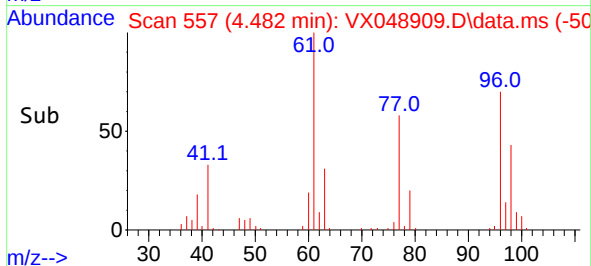
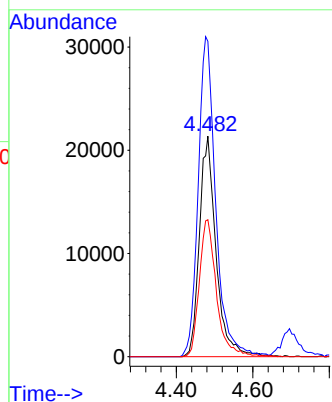
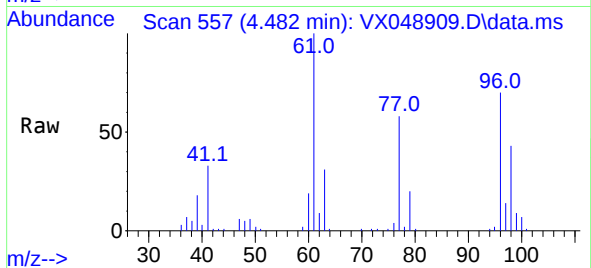




#27
cis-1,2-Dichloroethene
Concen: 49.737 ug/l
RT: 4.482 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

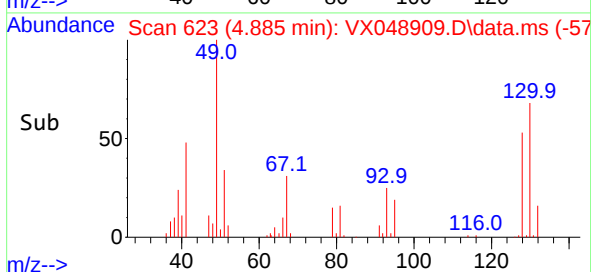
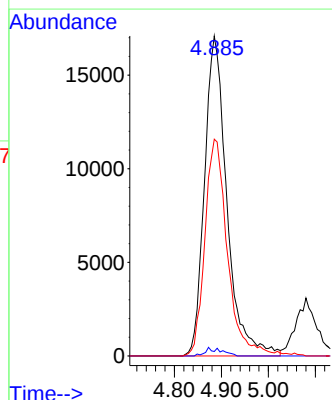
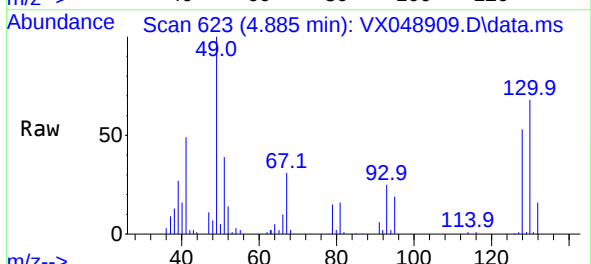
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

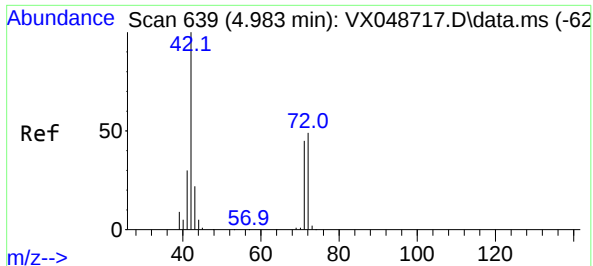
Tgt Ion: 96 Resp: 64662
Ion Ratio Lower Upper
96 100
61 151.9 0.0 271.0
98 64.1 0.0 130.2



#28
Bromochloromethane
Concen: 51.054 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.007 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 49 Resp: 56484
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.0
130 68.1 73.9 110.9#





#29

Tetrahydrofuran

Concen: 257.281 ug/l

RT: 4.989 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

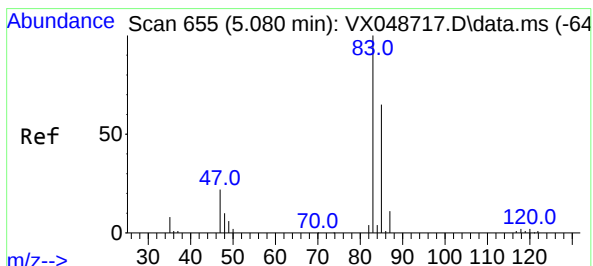
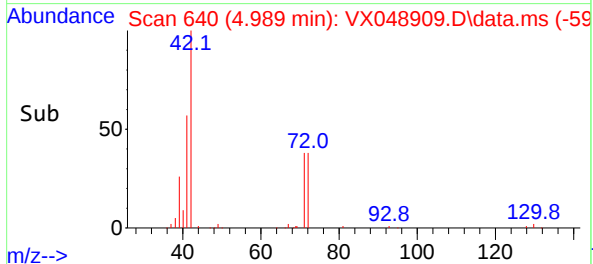
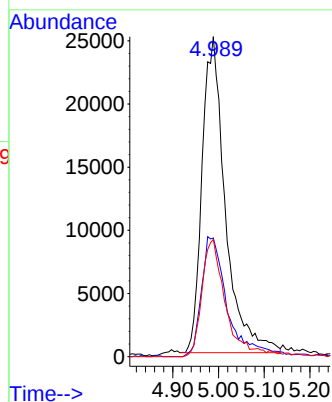
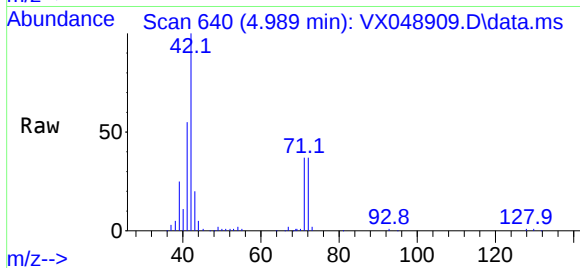
Tgt Ion: 42 Resp: 88274

Ion Ratio Lower Upper

42 100

72 42.5 39.4 59.2

71 36.1 35.8 53.6



#30

Chloroform

Concen: 49.301 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX048909.D

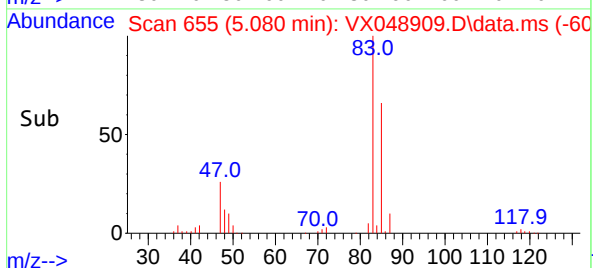
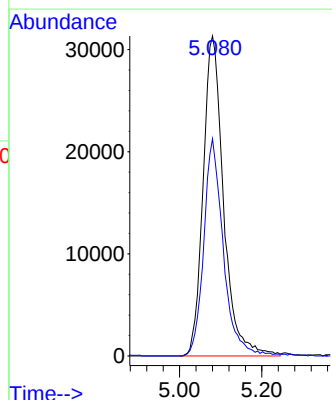
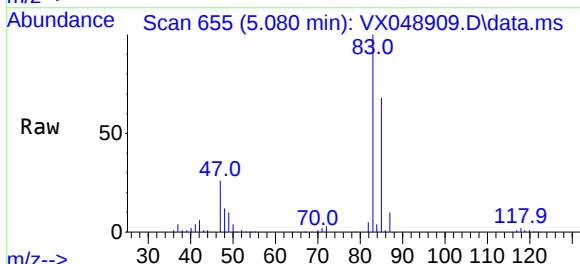
Acq: 16 Dec 2025 23:21

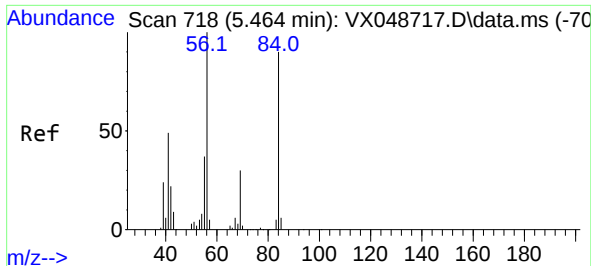
Tgt Ion: 83 Resp: 108169

Ion Ratio Lower Upper

83 100

85 67.8 52.1 78.1

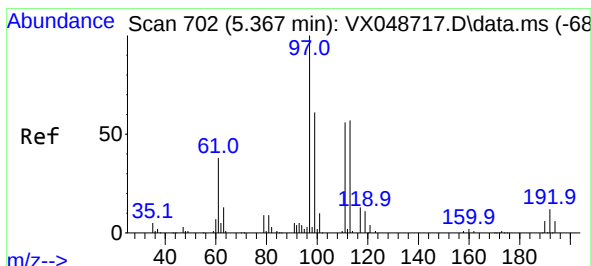
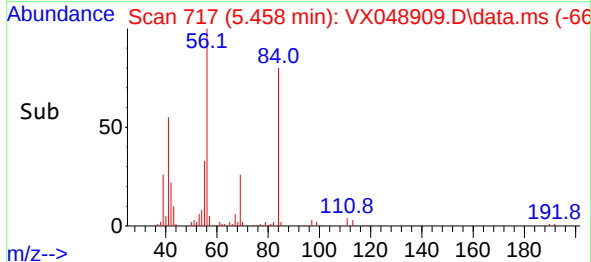
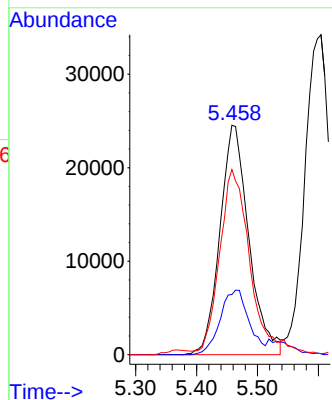
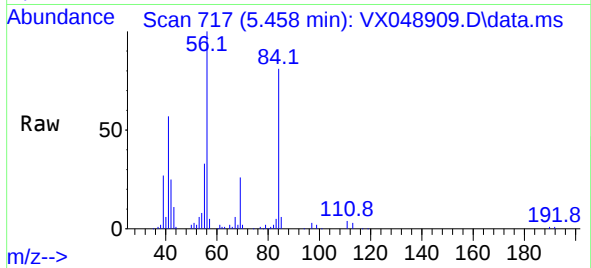




#31
Cyclohexane
Concen: 49.834 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

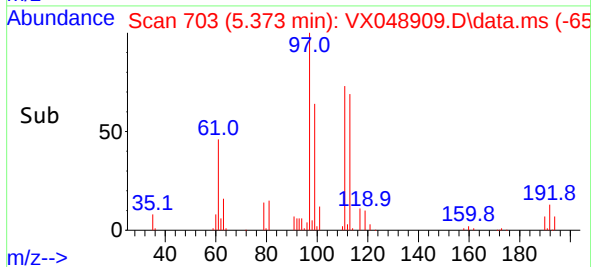
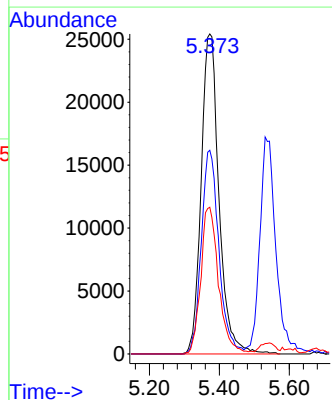
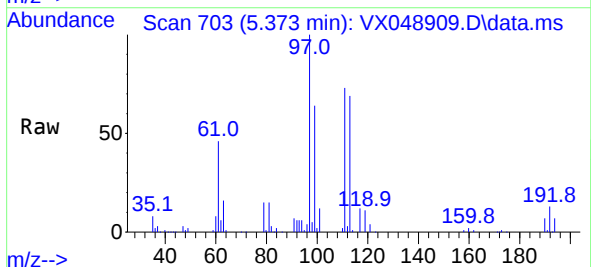
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

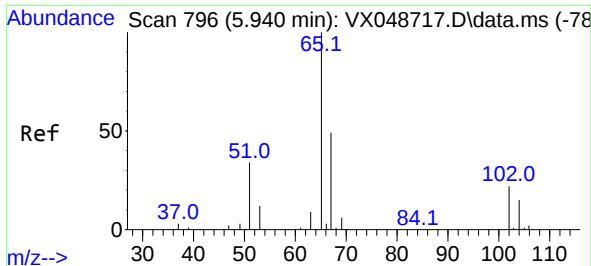
Tgt Ion: 56 Resp: 80982
Ion Ratio Lower Upper
56 100
69 26.2 24.2 36.2
84 78.8 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 47.714 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 97 Resp: 89918
Ion Ratio Lower Upper
97 100
99 62.9 50.5 75.7
61 45.8 30.6 45.8

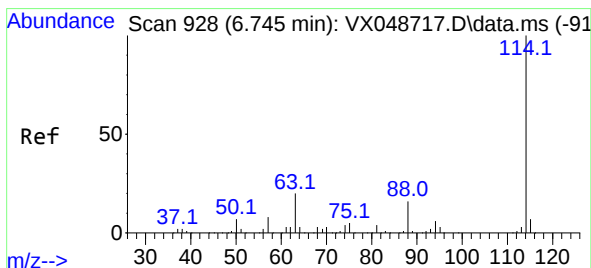
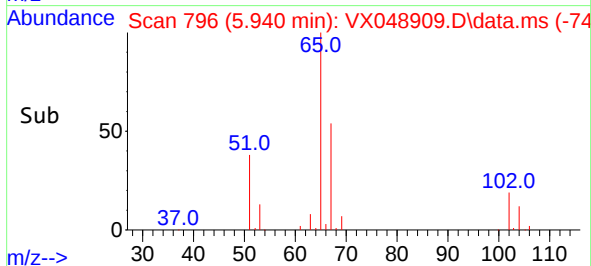
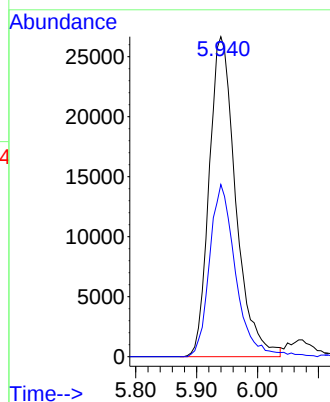
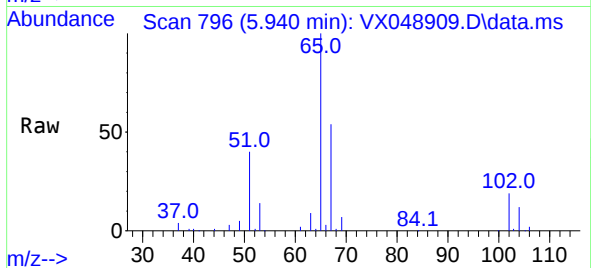




#33
1,2-Dichloroethane-d4
Concen: 55.815 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

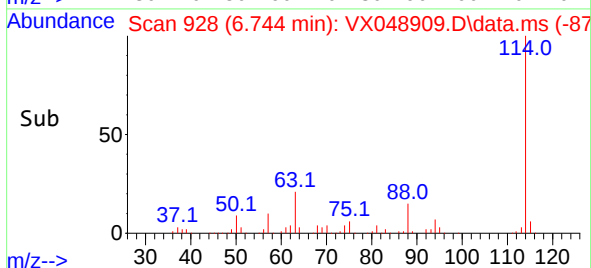
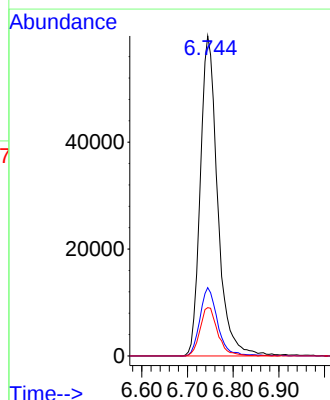
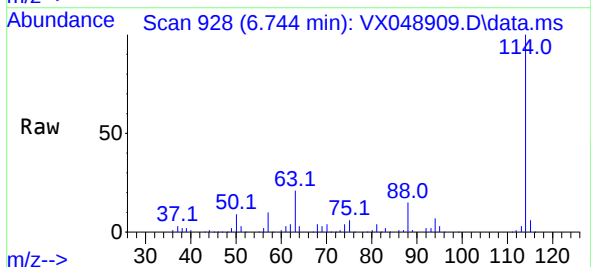
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

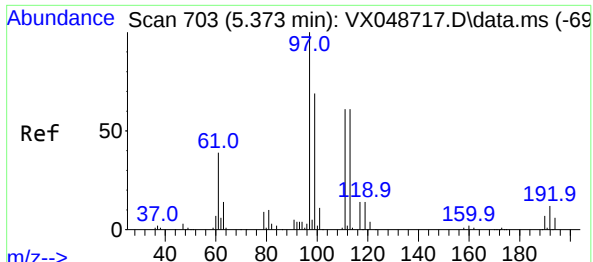
Tgt Ion: 65 Resp: 80739
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 114 Resp: 157761
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.0
88 15.1 0.0 31.8

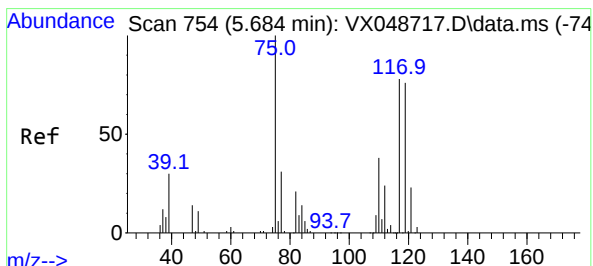
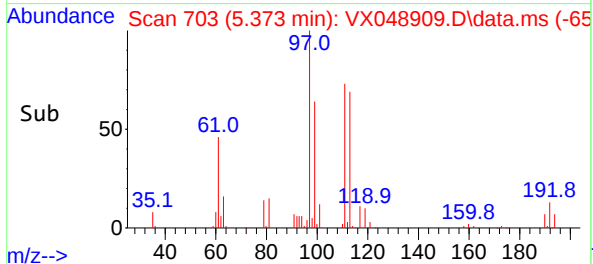
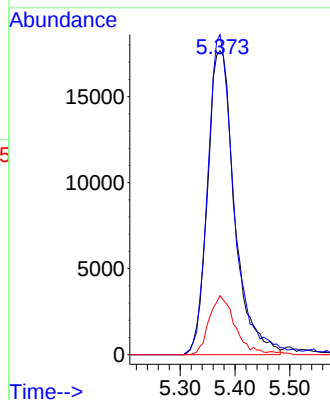
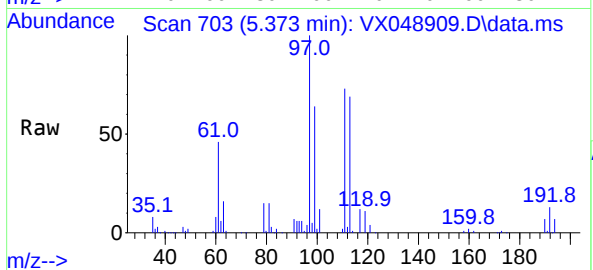




#35
Dibromofluoromethane
Concen: 51.464 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

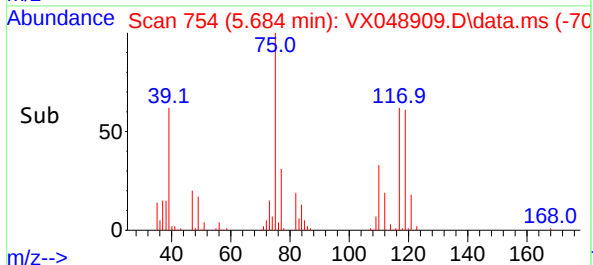
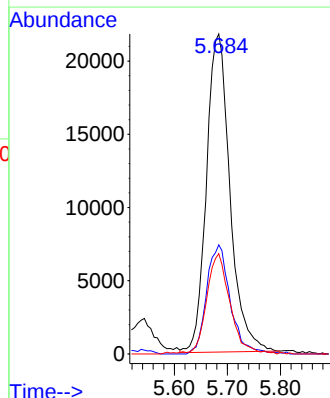
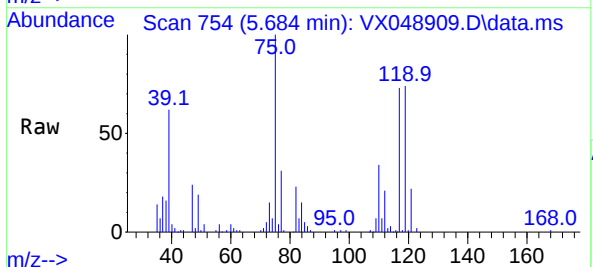
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

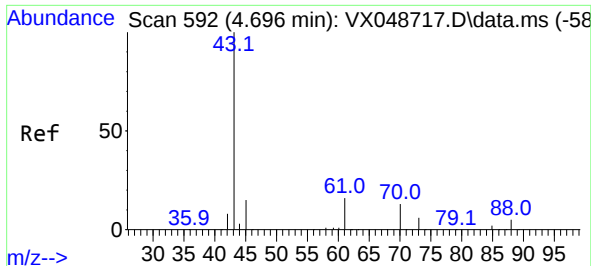
Tgt Ion:113 Resp: 60347
Ion Ratio Lower Upper
113 100
111 102.4 79.5 119.3
192 18.5 16.1 24.1



#36
1,1-Dichloropropene
Concen: 45.546 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 75 Resp: 67027
Ion Ratio Lower Upper
75 100
110 34.6 18.6 55.8
77 31.2 25.3 37.9

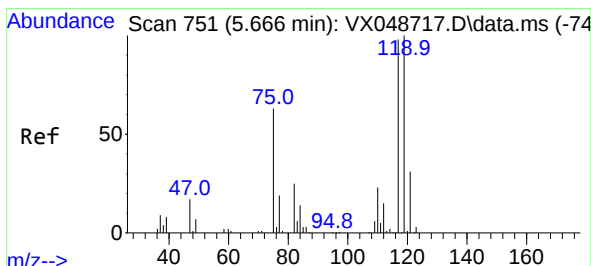
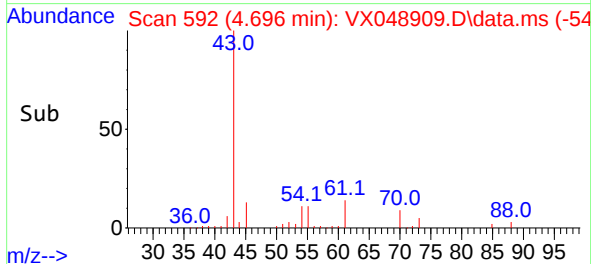
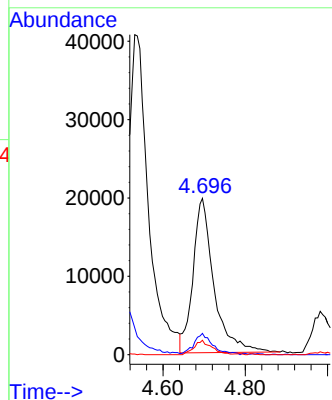
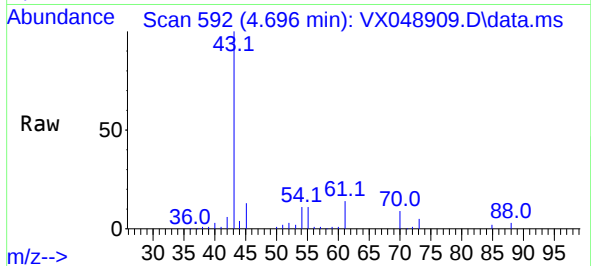




#37
Ethyl Acetate
Concen: 49.418 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

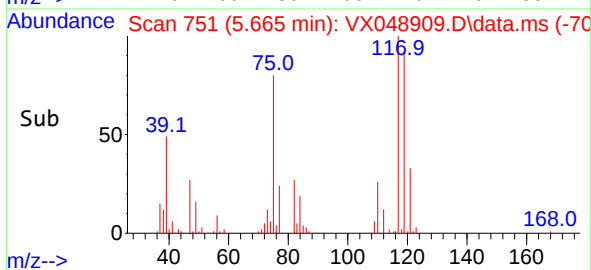
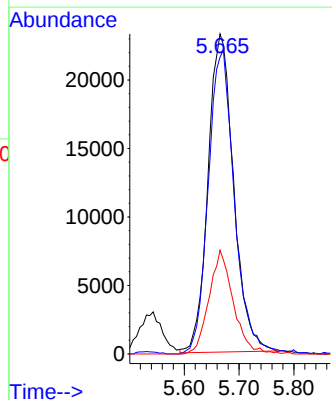
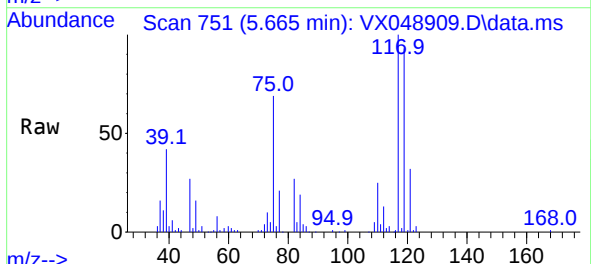
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

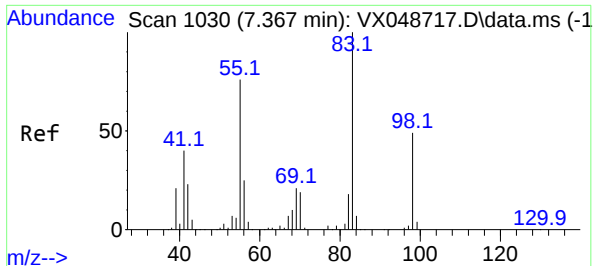
Tgt Ion: 43 Resp: 69467
Ion Ratio Lower Upper
43 100
61 12.4 9.7 14.5
70 7.8 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 42.957 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 117 Resp: 75354
Ion Ratio Lower Upper
117 100
119 93.7 80.5 120.7
121 32.7 25.4 38.0

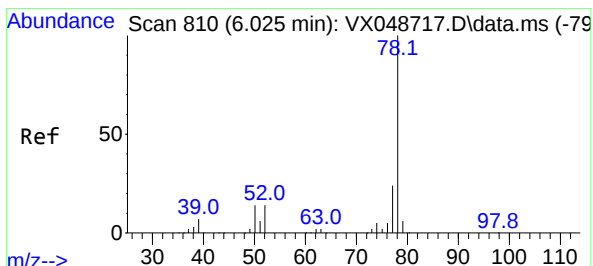
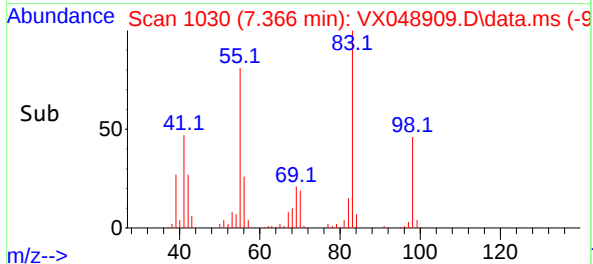
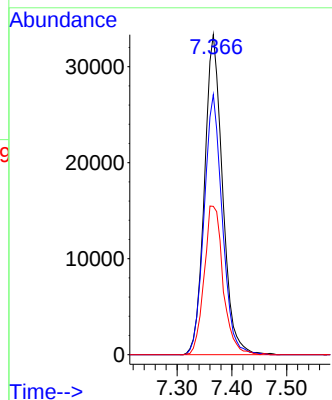
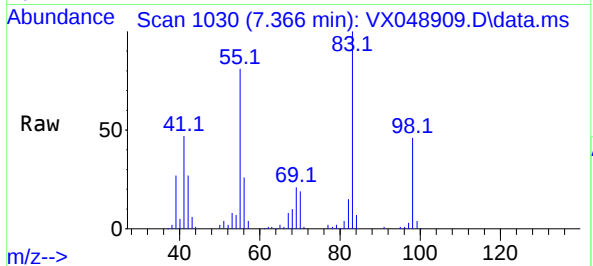




#39
Methylcyclohexane
Concen: 46.179 ug/l
RT: 7.366 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

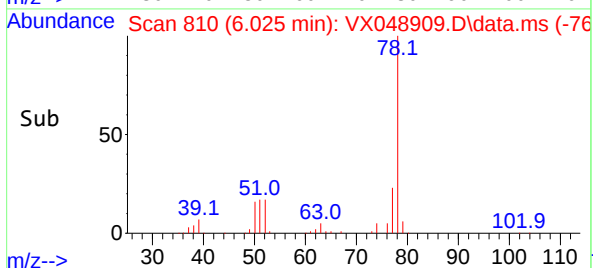
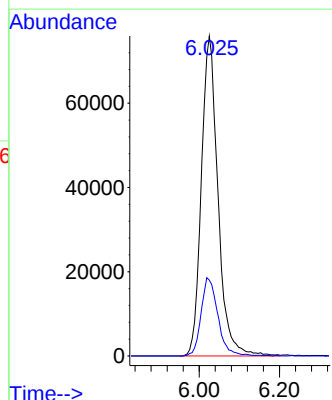
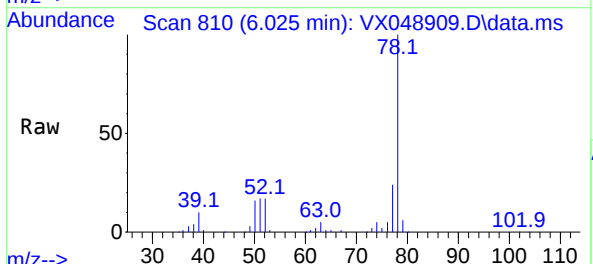
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

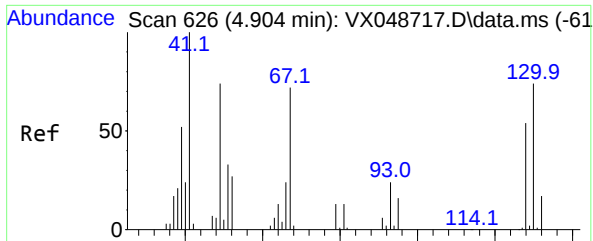
Tgt Ion: 83 Resp: 76375
Ion Ratio Lower Upper
83 100
55 81.3 60.6 90.8
98 46.3 39.3 58.9



#40
Benzene
Concen: 44.756 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 78 Resp: 218356
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

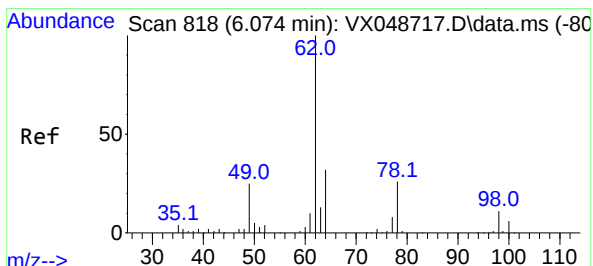
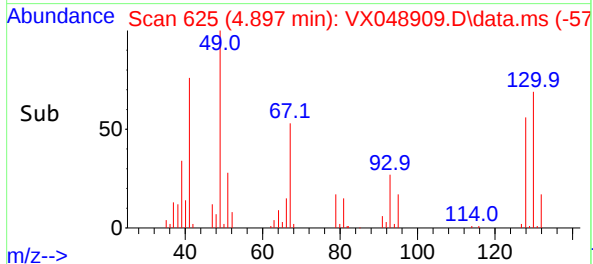
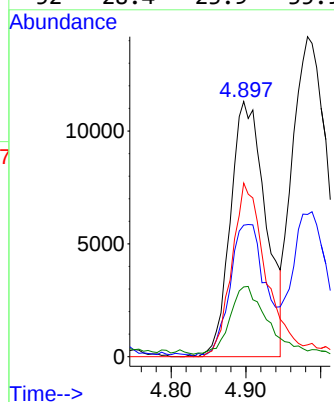
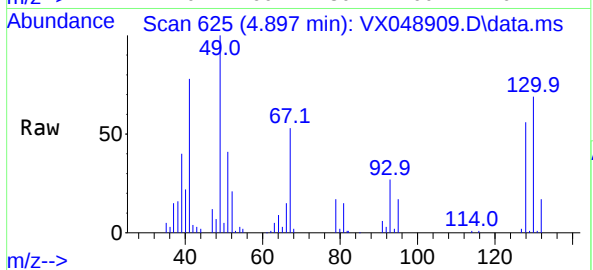




#41
Methacrylonitrile
Concen: 52.359 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

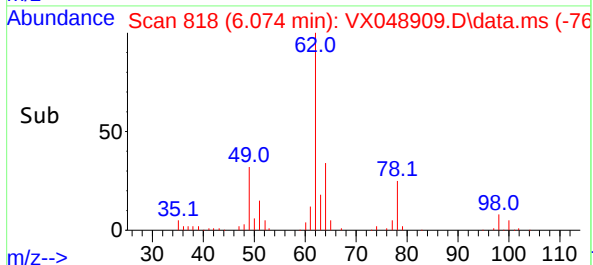
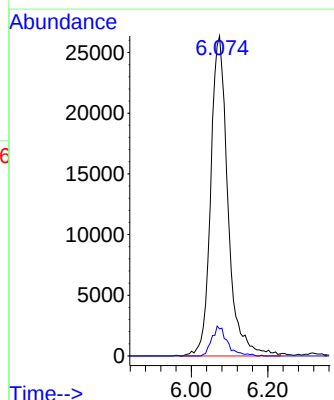
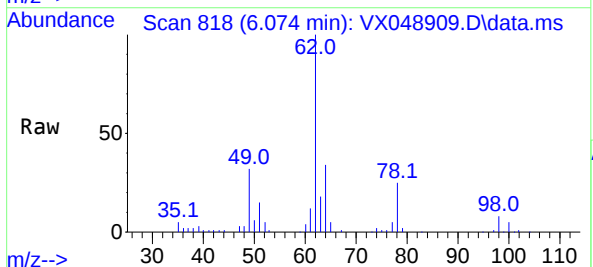
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

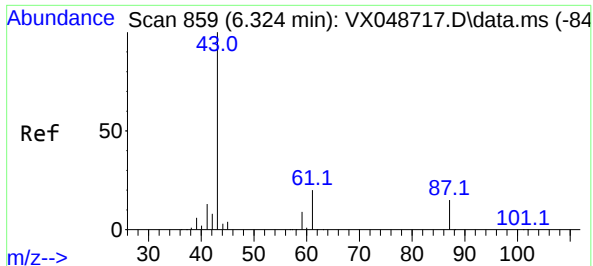
Tgt Ion: 41 Resp: 37035
Ion Ratio Lower Upper
41 100
39 51.3 42.3 63.5
67 69.4 66.6 100.0
52 28.4 23.9 35.9



#42
1,2-Dichloroethane
Concen: 45.557 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 62 Resp: 82371
Ion Ratio Lower Upper
62 100
98 8.4 0.0 20.2

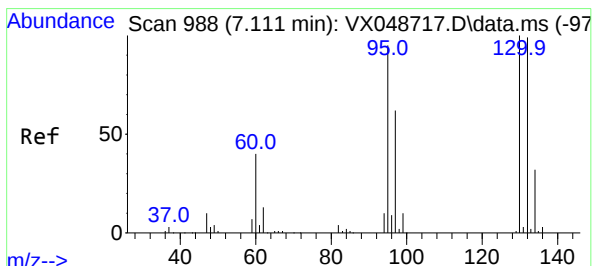
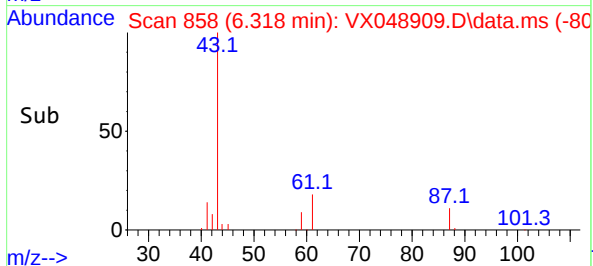
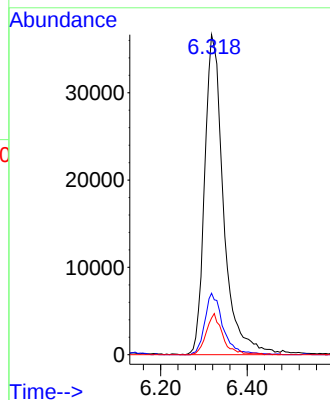
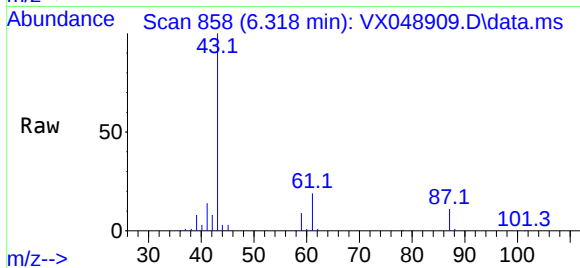




#43
Isopropyl Acetate
Concen: 47.692 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

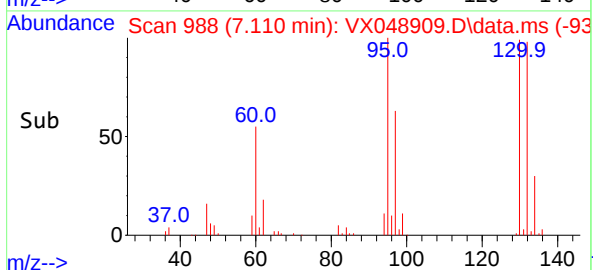
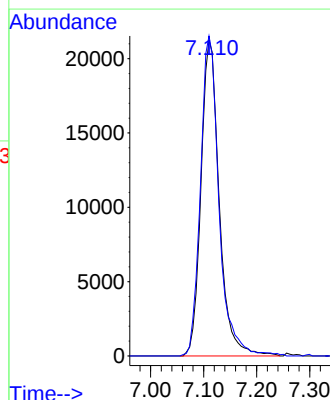
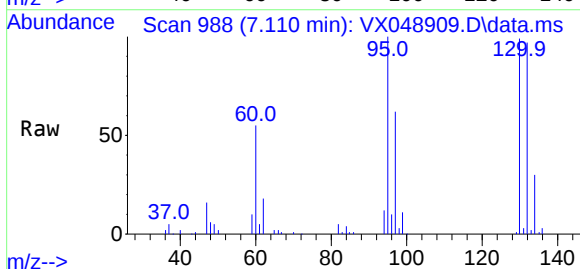
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

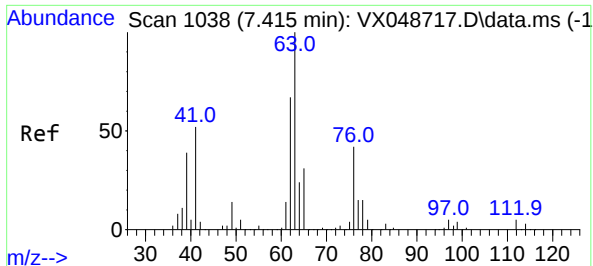
Tgt Ion: 43 Resp: 111173
Ion Ratio Lower Upper
43 100
61 18.5 16.8 25.2
87 11.1 11.8 17.6#



#44
Trichloroethene
Concen: 41.751 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion:130 Resp: 50790
Ion Ratio Lower Upper
130 100
95 101.2 0.0 189.6





#45

1,2-Dichloropropane

Concen: 45.731 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

Instrument :

MSVOA_X

ClientSampleId :

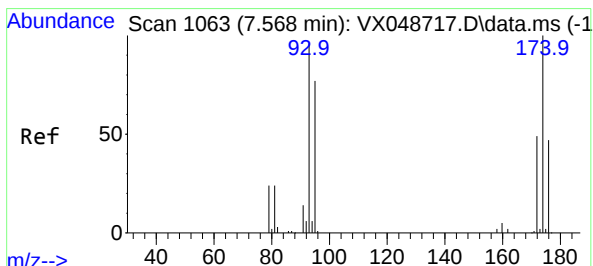
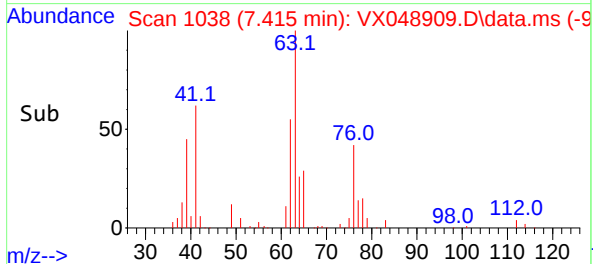
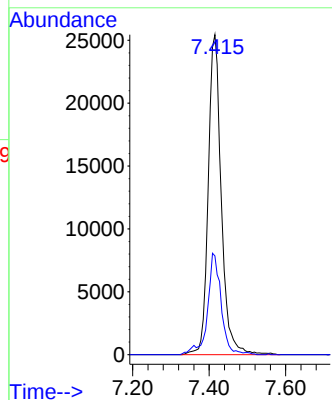
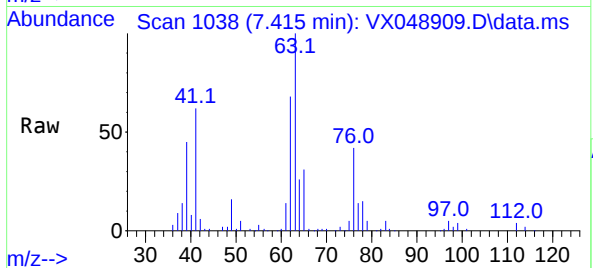
VSTDCCC050EC

Tgt Ion: 63 Resp: 60383

Ion Ratio Lower Upper

63 100

65 30.9 24.5 36.7



#46

Dibromomethane

Concen: 46.190 ug/l

RT: 7.567 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

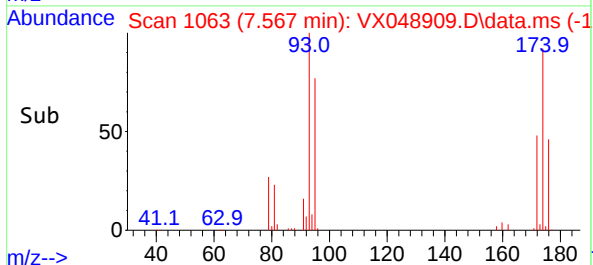
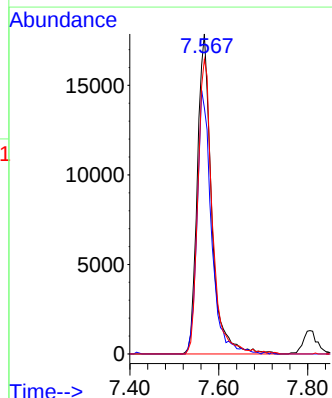
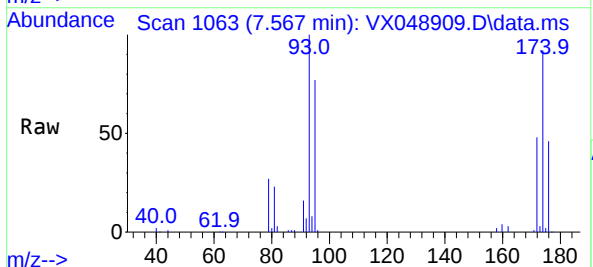
Tgt Ion: 93 Resp: 39965

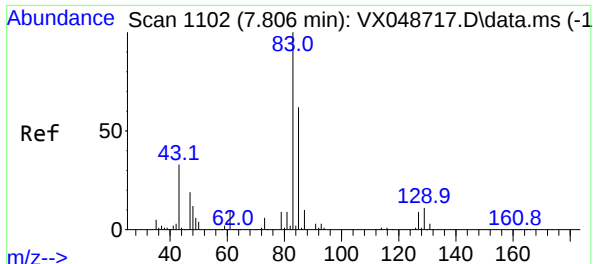
Ion Ratio Lower Upper

93 100

95 82.1 65.5 98.3

174 93.7 82.0 123.0





#47

Bromodichloromethane

Concen: 46.435 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

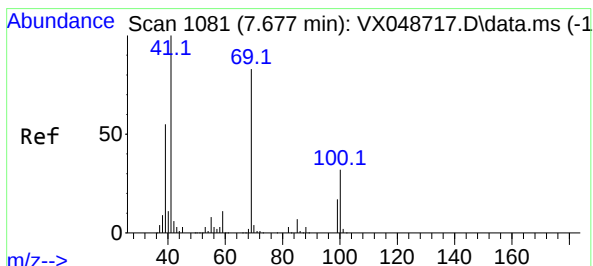
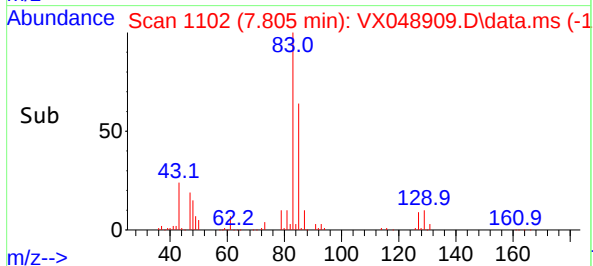
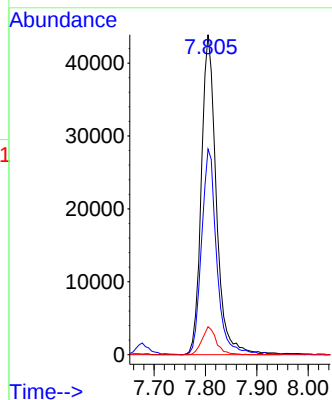
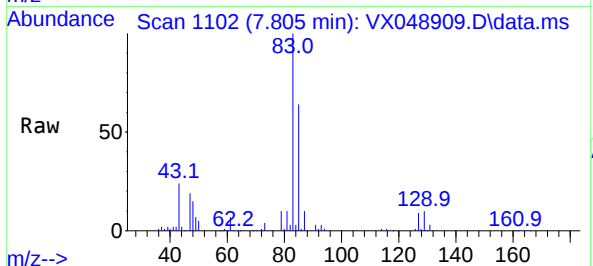
Tgt Ion: 83 Resp: 88845

Ion Ratio Lower Upper

83 100

85 64.2 49.8 74.8

127 8.8 7.1 10.7



#48

Methyl methacrylate

Concen: 49.075 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.000 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

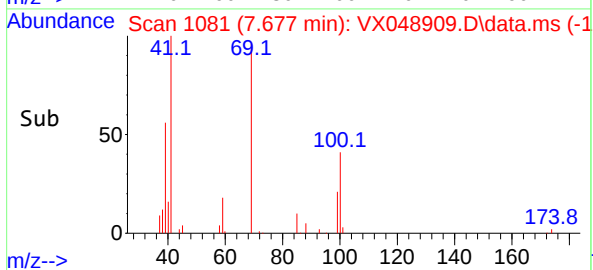
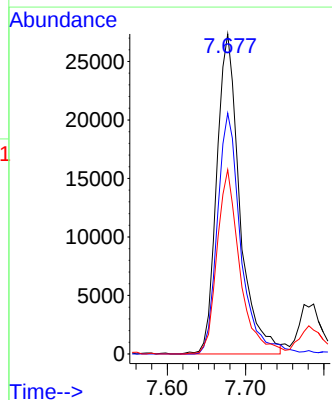
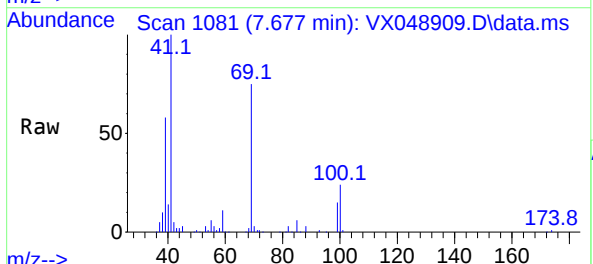
Tgt Ion: 41 Resp: 55969

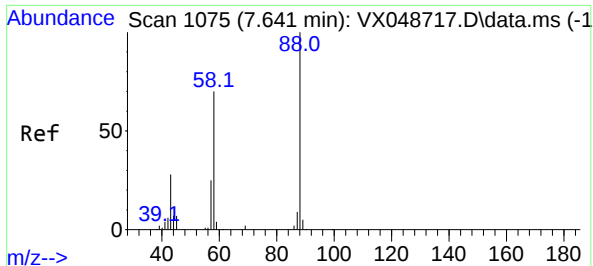
Ion Ratio Lower Upper

41 100

69 76.2 68.5 102.7

39 57.1 43.5 65.3





#49

1,4-Dioxane

Concen: 935.255 ug/l

RT: 7.640 min Scan# 1075

Delta R.T. -0.007 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

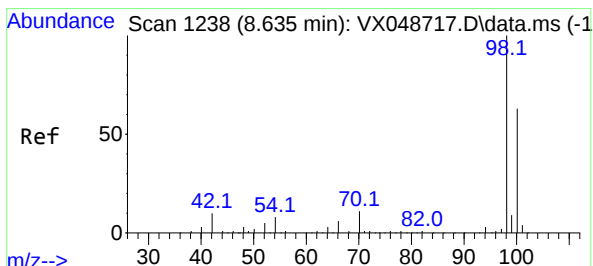
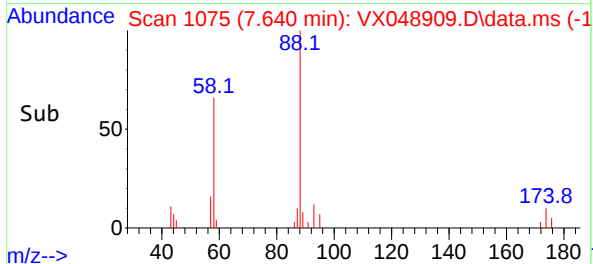
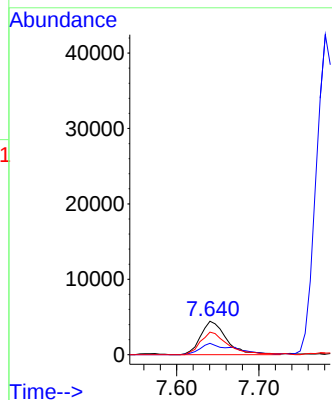
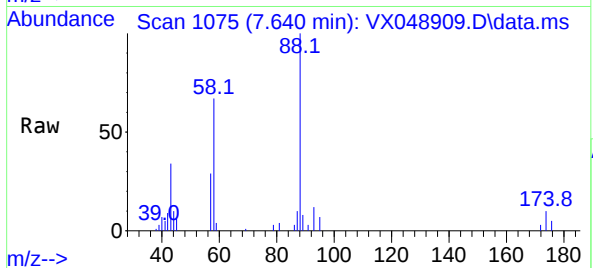
Tgt Ion: 88 Resp: 9717

Ion Ratio Lower Upper

88 100

43 44.6 28.6 43.0#

58 72.0 58.0 87.0



#50

Toluene-d8

Concen: 49.124 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048909.D

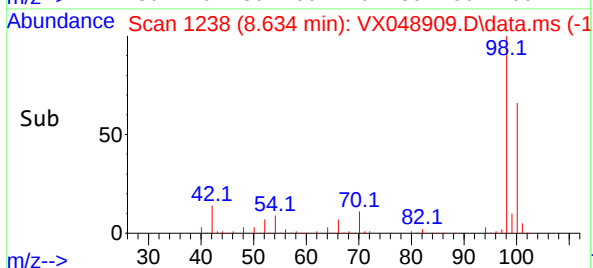
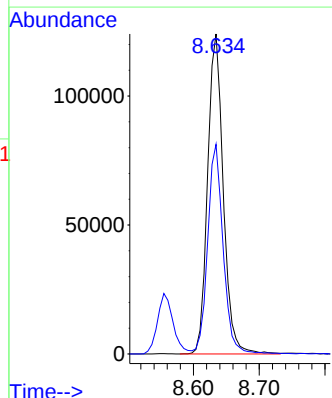
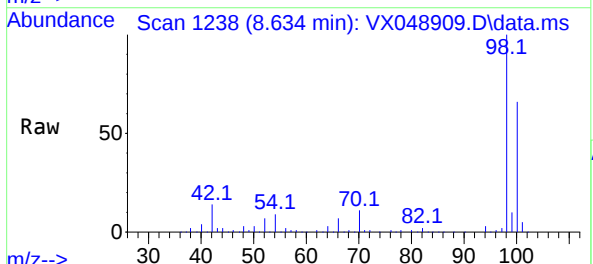
Acq: 16 Dec 2025 23:21

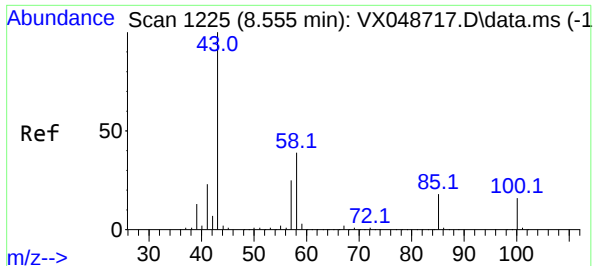
Tgt Ion: 98 Resp: 205651

Ion Ratio Lower Upper

98 100

100 64.4 53.4 80.0

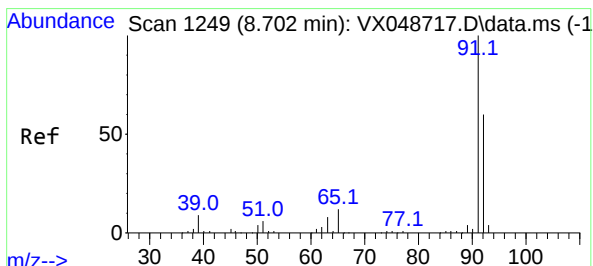
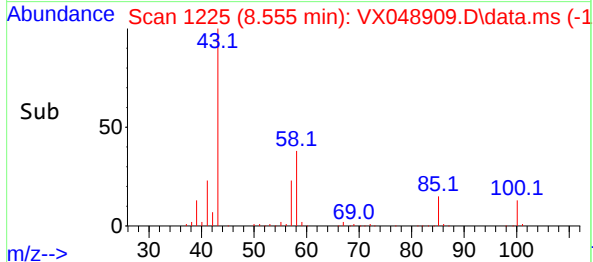
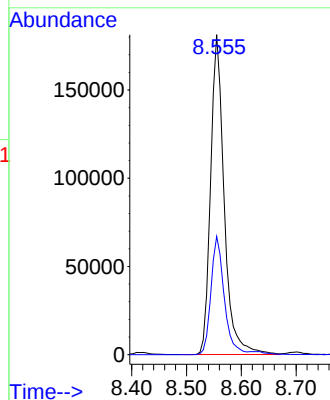
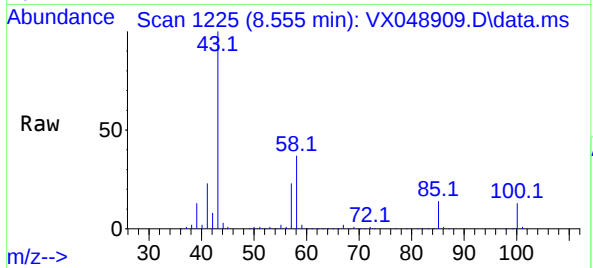




#51
4-Methyl-2-Pentanone
Concen: 238.589 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

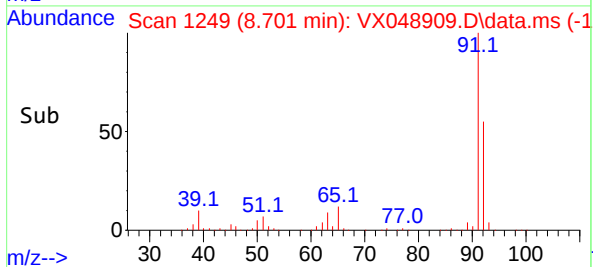
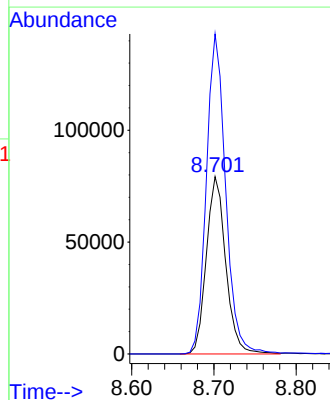
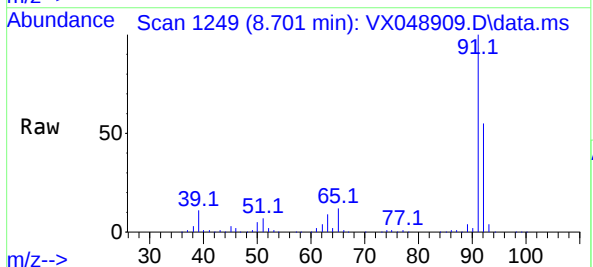
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

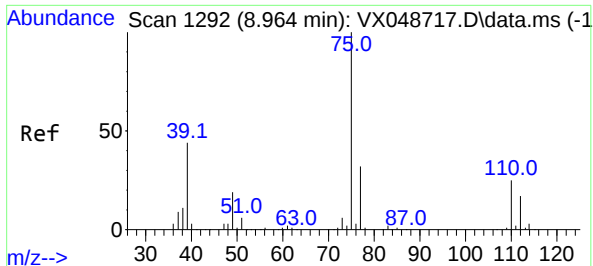
Tgt Ion: 43 Resp: 311180
Ion Ratio Lower Upper
43 100
58 36.0 32.2 48.4



#52
Toluene
Concen: 44.524 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 92 Resp: 130302
Ion Ratio Lower Upper
92 100
91 179.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 45.864 ug/l

RT: 8.963 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

Instrument :

MSVOA_X

ClientSampleId :

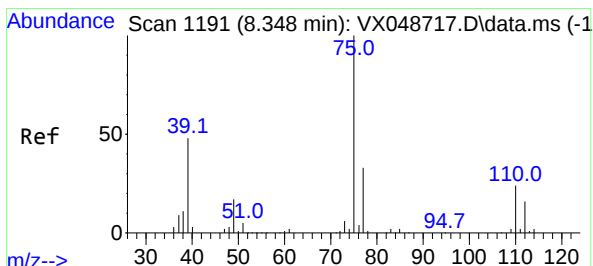
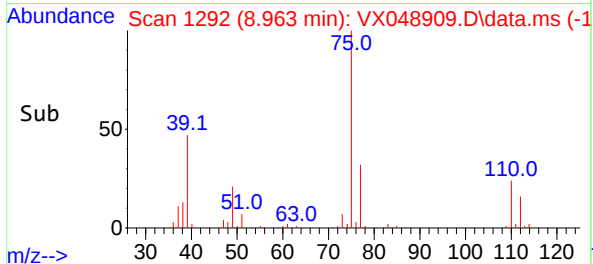
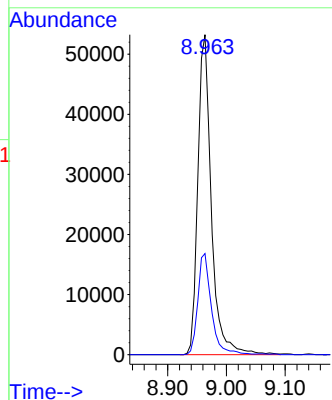
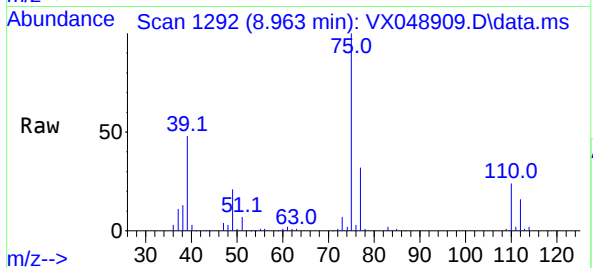
VSTDCCC050EC

Tgt Ion: 75 Resp: 85101

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 47.033 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

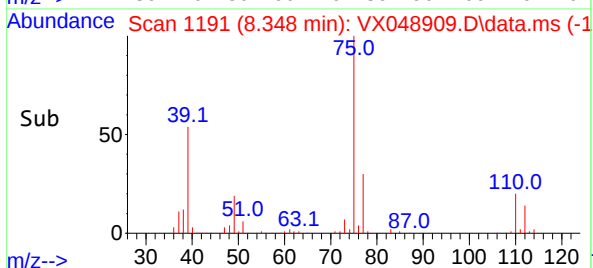
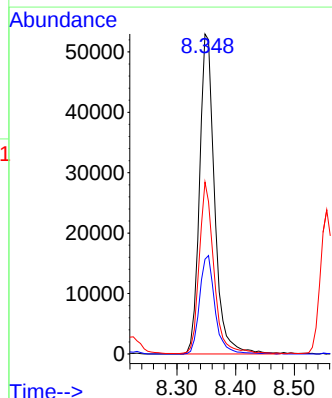
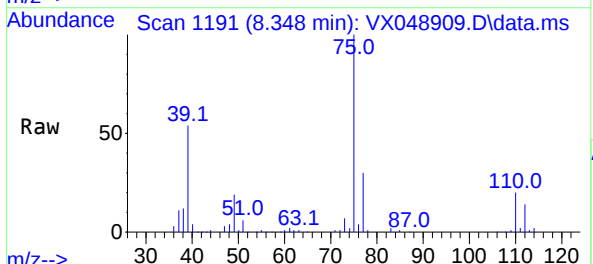
Tgt Ion: 75 Resp: 94495

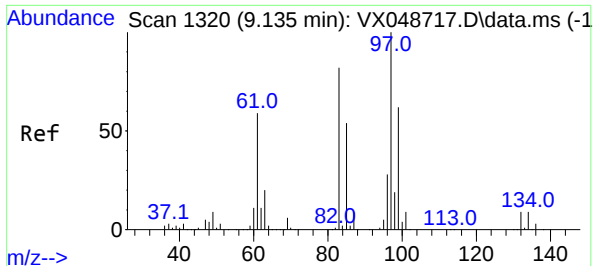
Ion Ratio Lower Upper

75 100

77 29.6 26.1 39.1

39 53.6 38.2 57.4



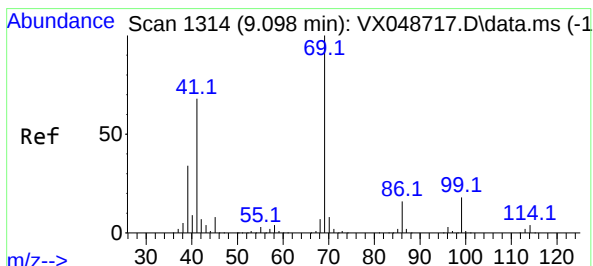
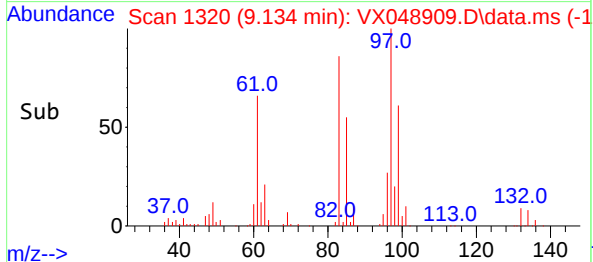
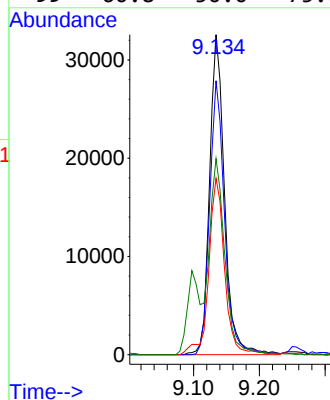
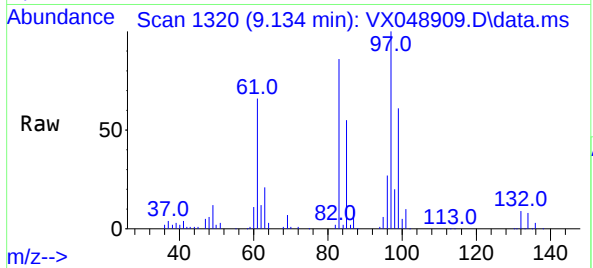


#55
1,1,2-Trichloroethane
Concen: 45.447 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 51644

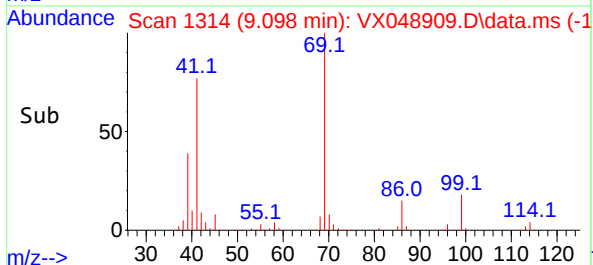
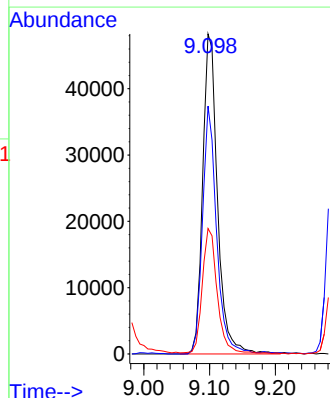
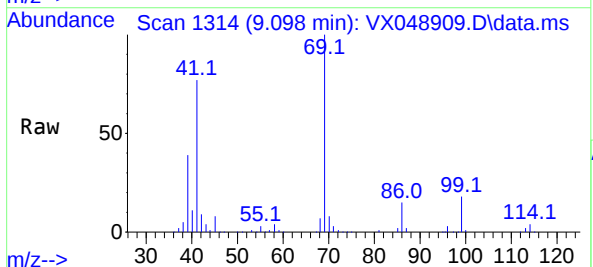
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.0	99.0
85	55.1	43.2	64.8
99	60.8	50.0	75.0

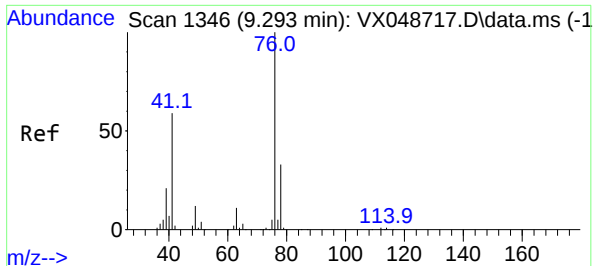


#56
Ethyl methacrylate
Concen: 49.200 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 69 Resp: 75762

Ion	Ratio	Lower	Upper
69	100		
41	73.6	53.4	80.2
39	39.6	27.5	41.3

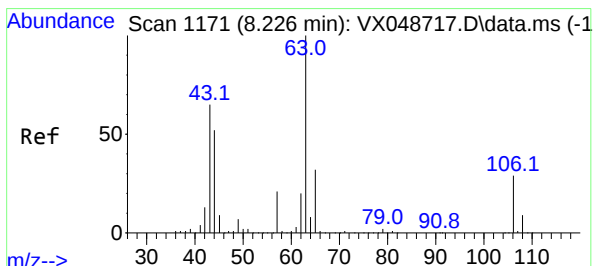
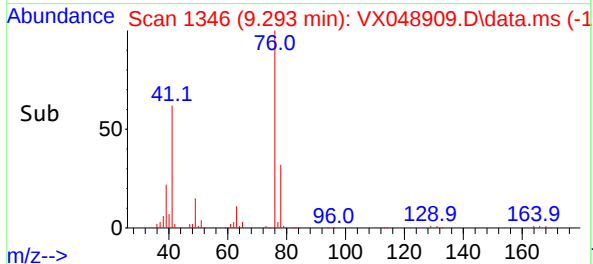
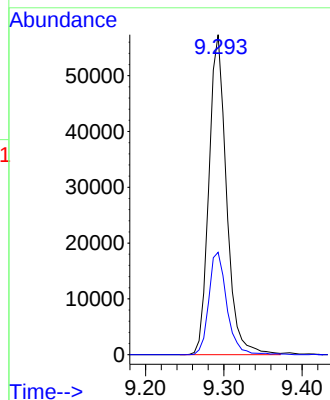
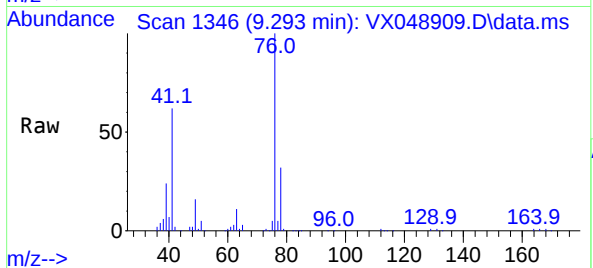




#57
1,3-Dichloropropane
Concen: 45.073 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

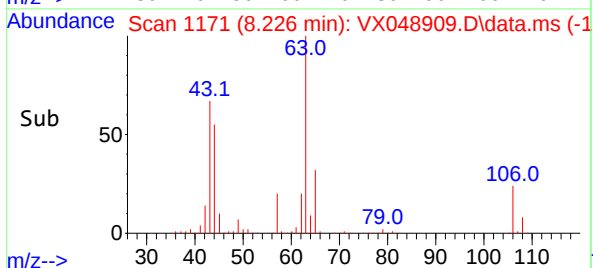
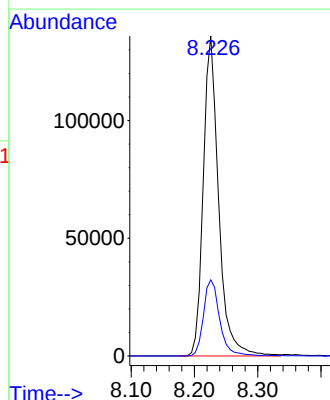
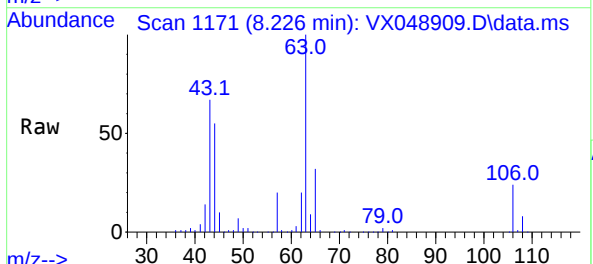
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

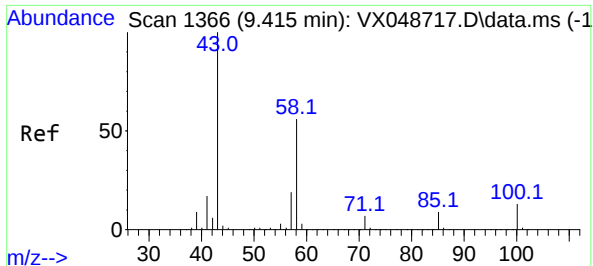
Tgt Ion: 76 Resp: 89495
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 249.059 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 63 Resp: 229851
Ion Ratio Lower Upper
63 100
106 24.9 23.4 35.2





#59

2-Hexanone

Concen: 237.469 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048909.D

Acq: 16 Dec 2025 23:21

Instrument :

MSVOA_X

ClientSampleId :

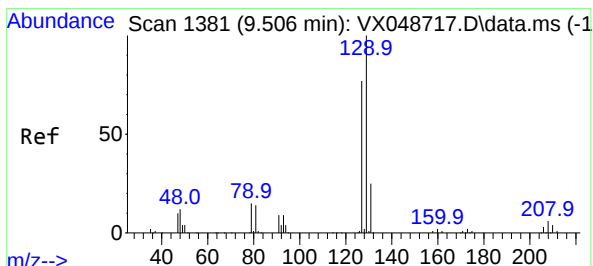
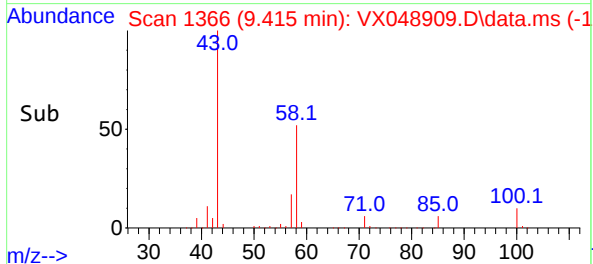
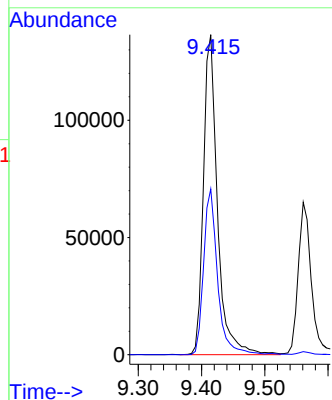
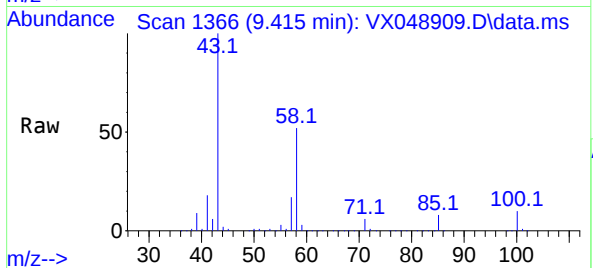
VSTDCCC050EC

Tgt Ion: 43 Resp: 210626

Ion Ratio Lower Upper

43 100

58 51.5 27.8 83.4



#60

Dibromochloromethane

Concen: 45.943 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048909.D

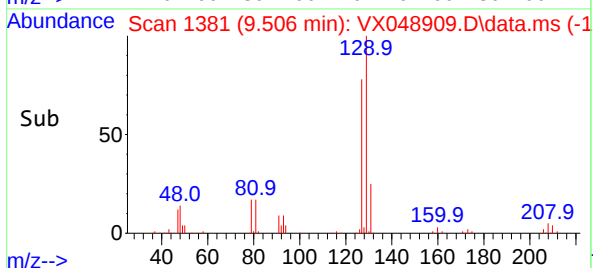
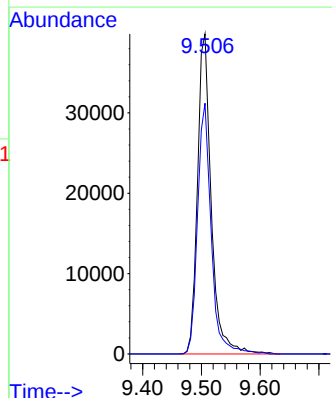
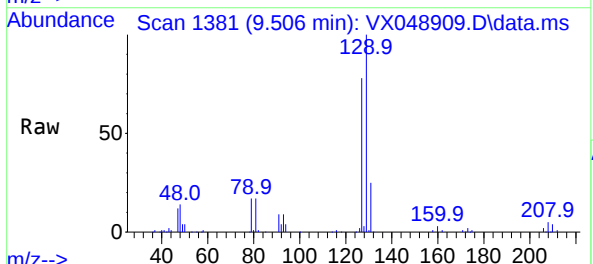
Acq: 16 Dec 2025 23:21

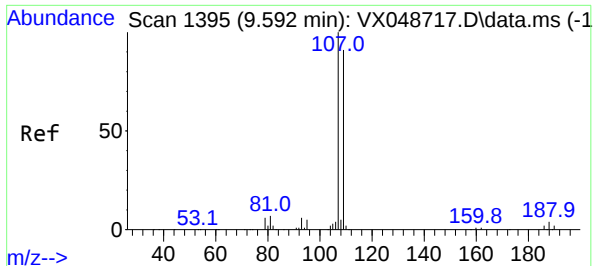
Tgt Ion: 129 Resp: 64631

Ion Ratio Lower Upper

129 100

127 77.7 38.3 114.9

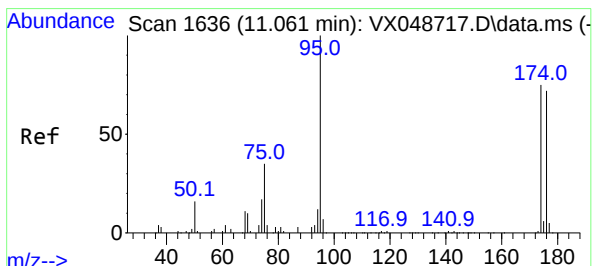
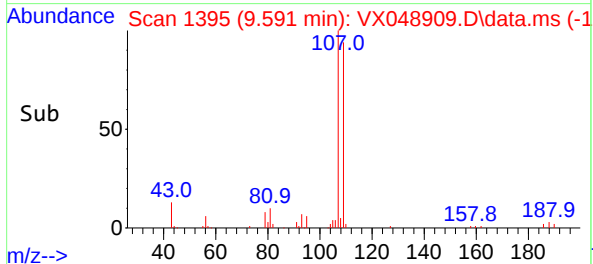
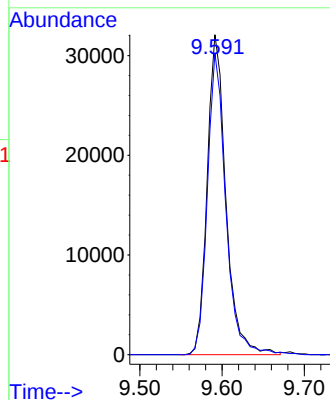
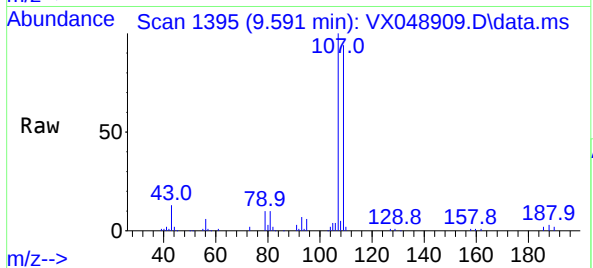




#61
1,2-Dibromoethane
Concen: 45.712 ug/l
RT: 9.591 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

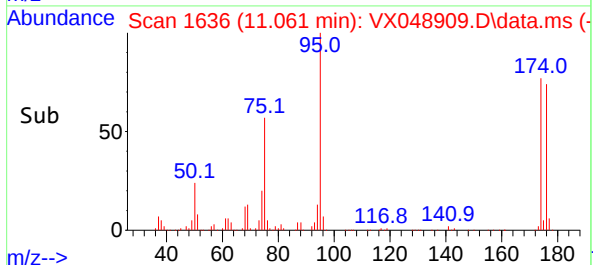
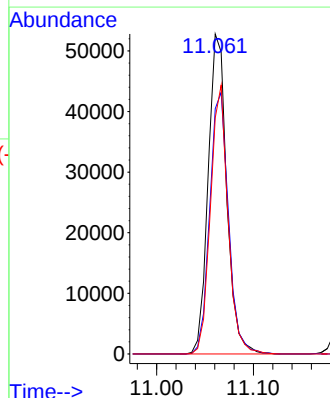
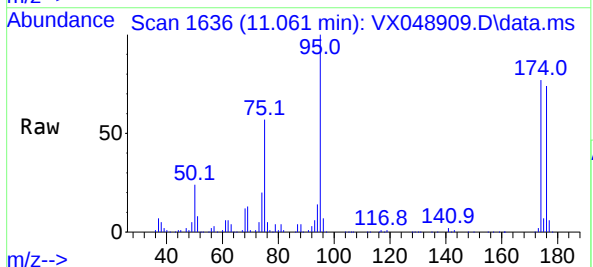
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

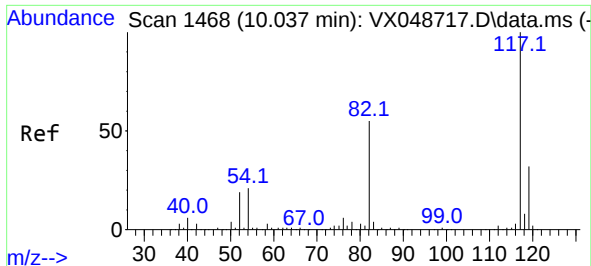
Tgt Ion:107 Resp: 50845
Ion Ratio Lower Upper
107 100
109 92.9 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 46.998 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

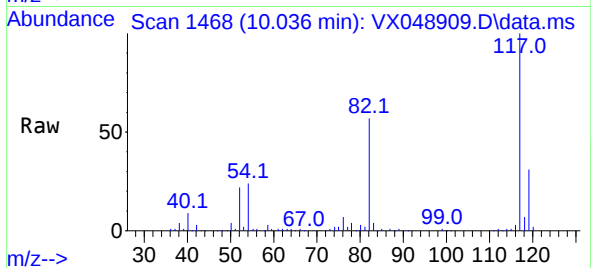
Tgt Ion: 95 Resp: 70638
Ion Ratio Lower Upper
95 100
174 82.5 0.0 157.8
176 79.2 0.0 154.0



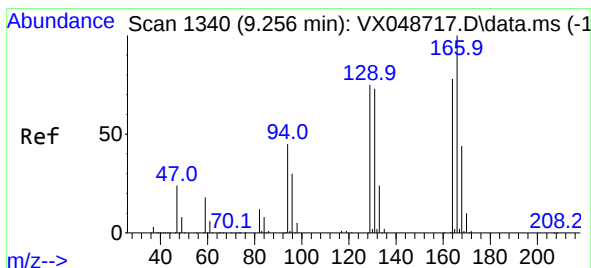
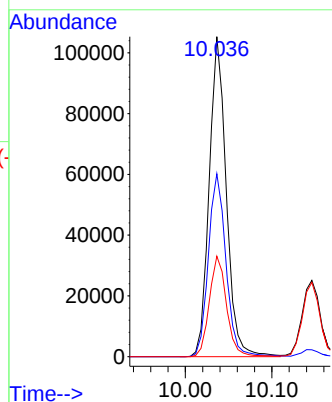
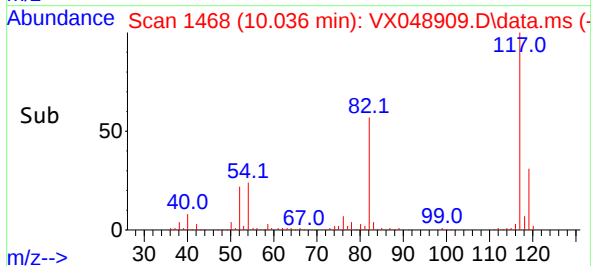


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

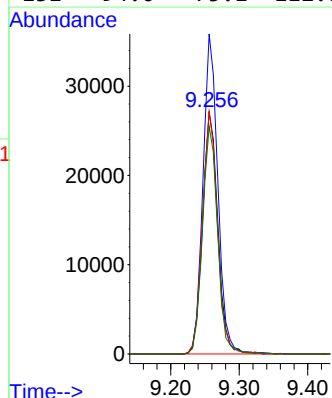
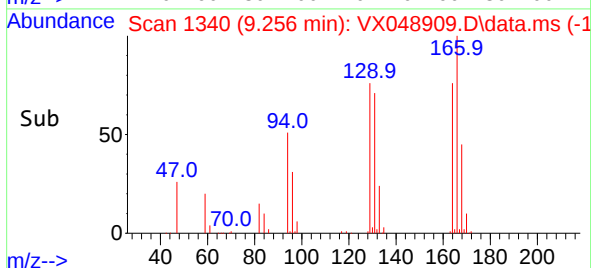
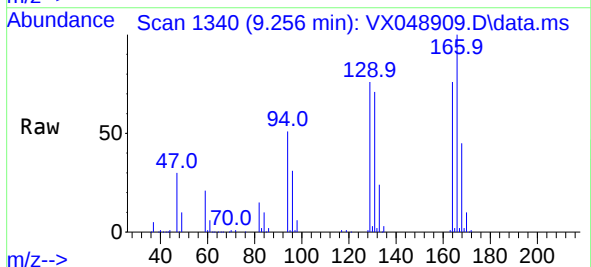


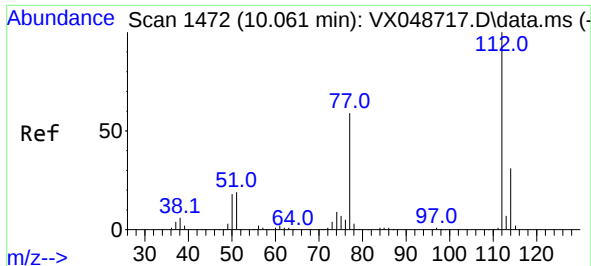
Tgt Ion:117 Resp: 144425
Ion Ratio Lower Upper
117 100
82 57.2 44.1 66.1
119 31.4 25.2 37.8



#64
Tetrachloroethene
Concen: 45.509 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion:164 Resp: 42268
Ion Ratio Lower Upper
164 100
166 132.3 103.1 154.7
129 100.3 76.9 115.3
131 94.0 75.1 112.7

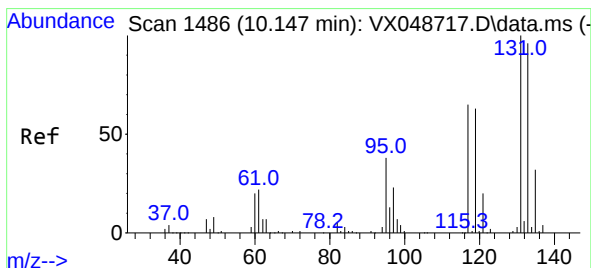
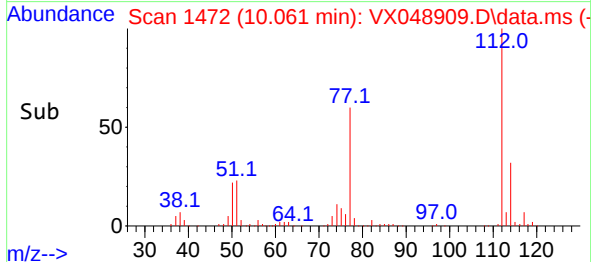
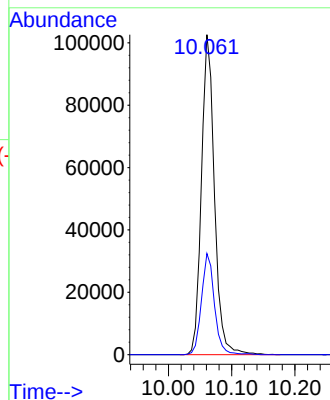
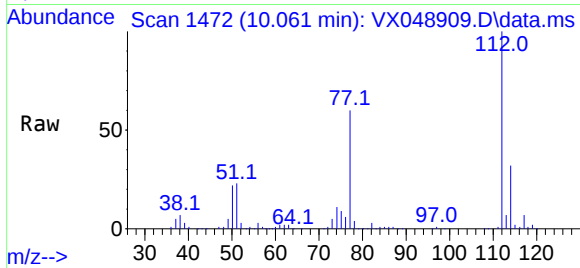




#65
Chlorobenzene
Concen: 45.378 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

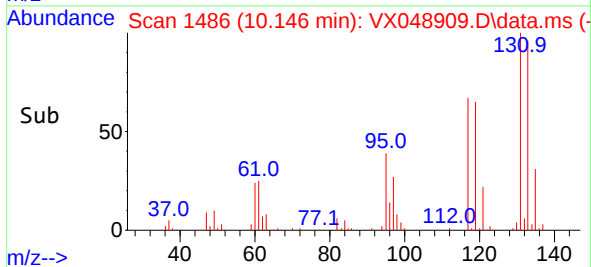
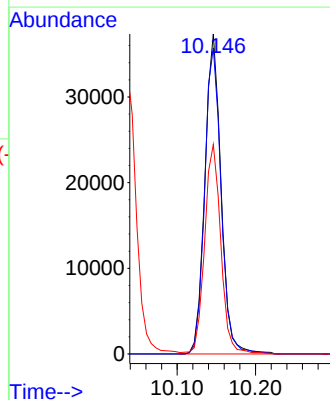
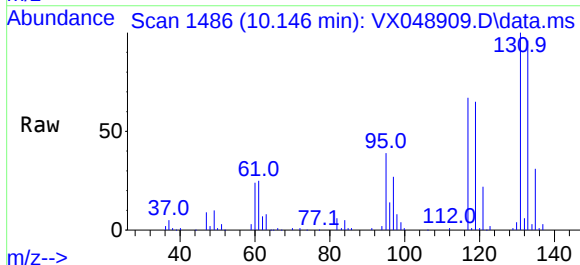
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

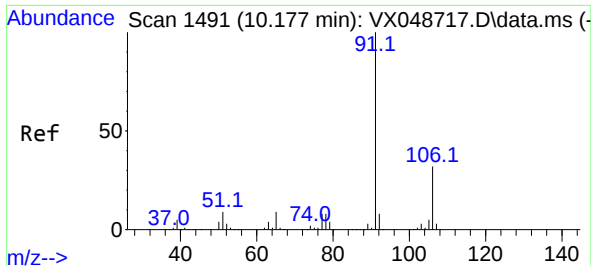
Tgt Ion:112 Resp: 147027
Ion Ratio Lower Upper
112 100
114 31.6 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.274 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion:131 Resp: 53388
Ion Ratio Lower Upper
131 100
133 97.1 48.3 144.8
119 65.8 32.6 97.7

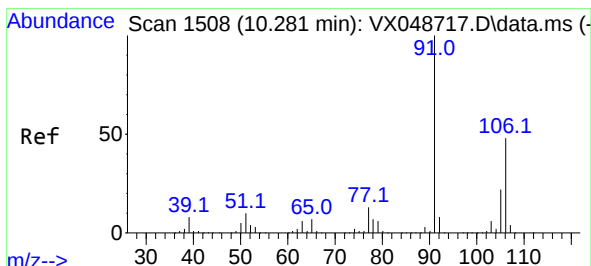
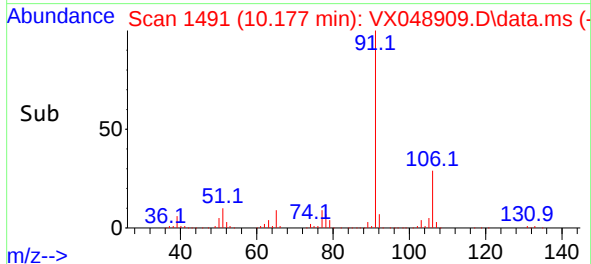
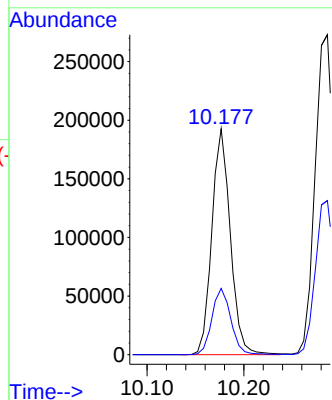
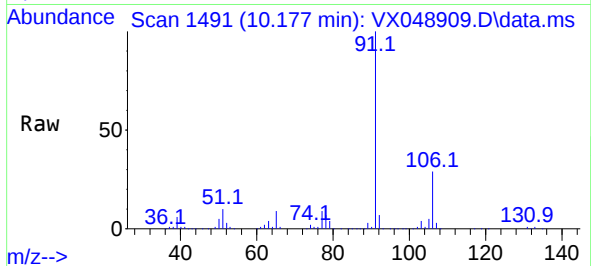




#67
Ethyl Benzene
Concen: 46.651 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

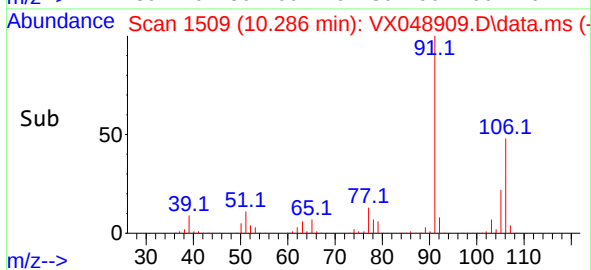
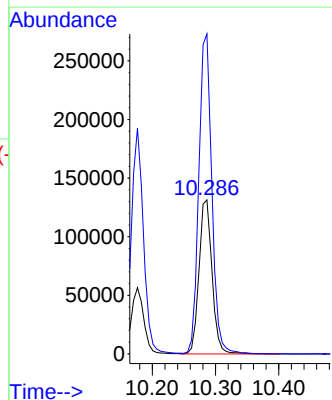
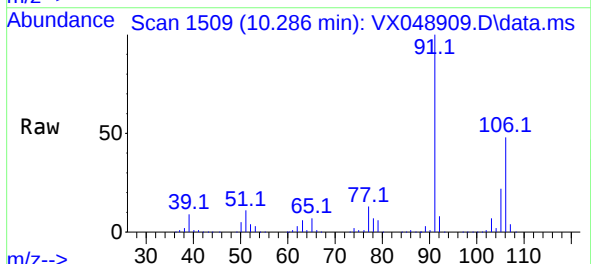
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

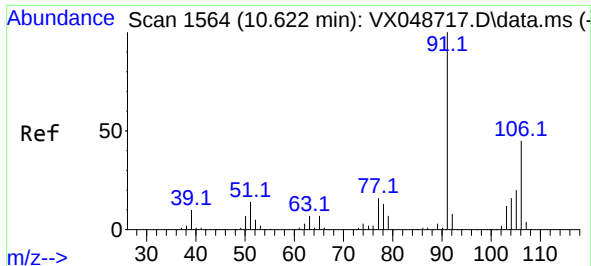
Tgt Ion: 91 Resp: 256199
Ion Ratio Lower Upper
91 100
106 29.3 25.3 37.9



#68
m/p-Xylenes
Concen: 93.330 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 106 Resp: 188756
Ion Ratio Lower Upper
106 100
91 207.1 164.2 246.4

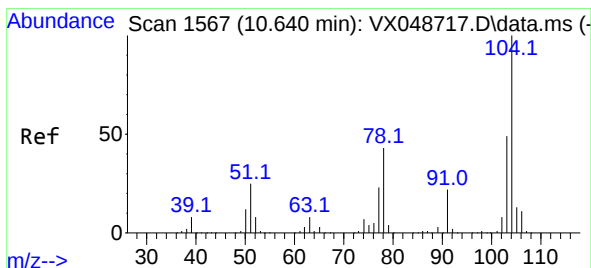
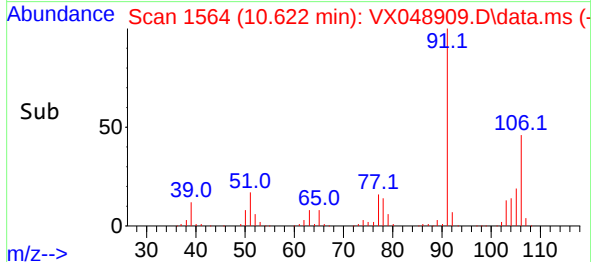
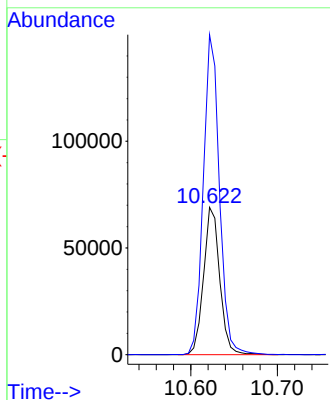
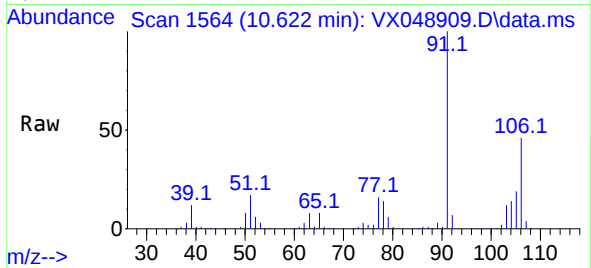




#69
o-Xylene
Concen: 45.636 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

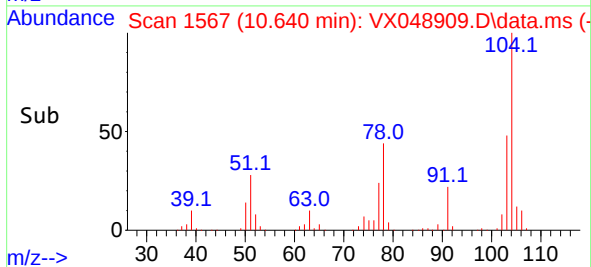
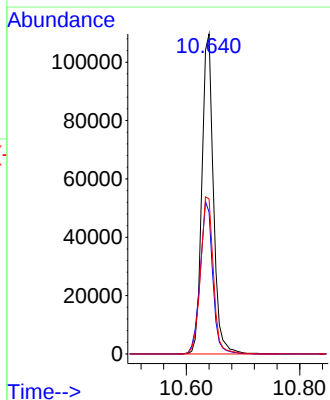
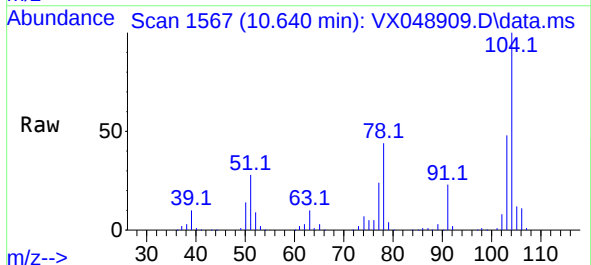
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

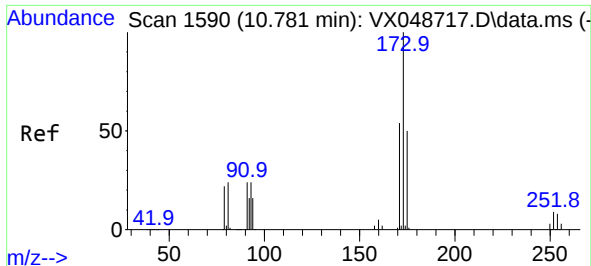
Tgt Ion:106 Resp: 89647
Ion Ratio Lower Upper
106 100
91 215.9 108.1 324.3



#70
Styrene
Concen: 46.497 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion:104 Resp: 154386
Ion Ratio Lower Upper
104 100
78 51.8 40.6 60.8
103 54.7 43.4 65.2

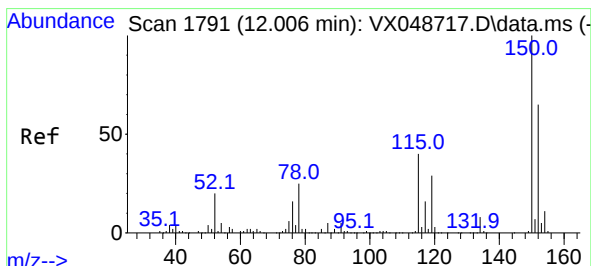
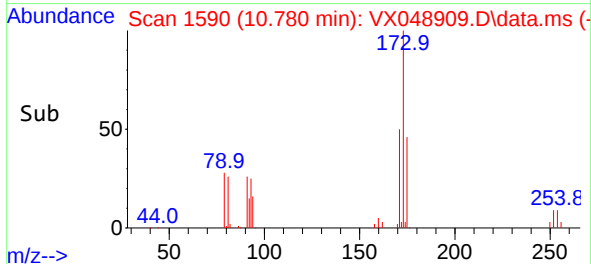
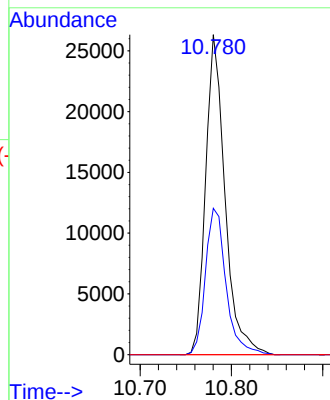
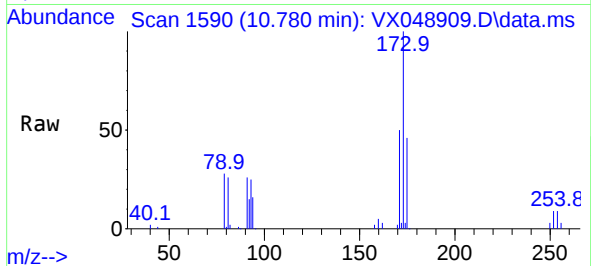




#71
Bromoform
Concen: 44.749 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

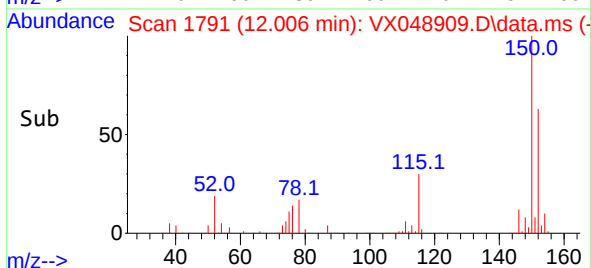
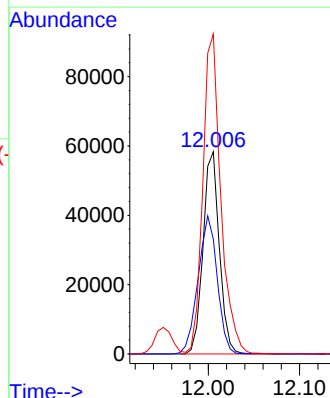
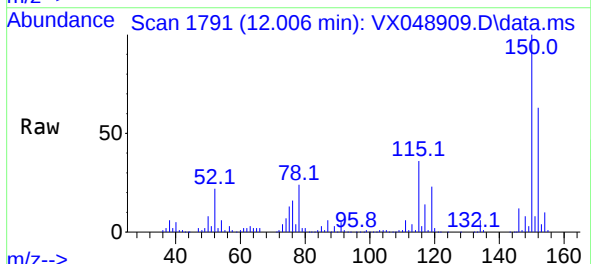
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

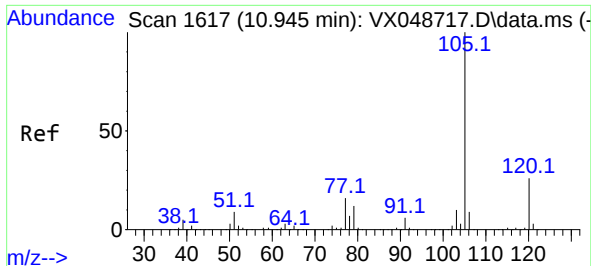
Tgt Ion:173 Resp: 38574
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion:152 Resp: 72225
Ion Ratio Lower Upper
152 100
115 80.4 42.1 126.4
150 174.2 0.0 347.8

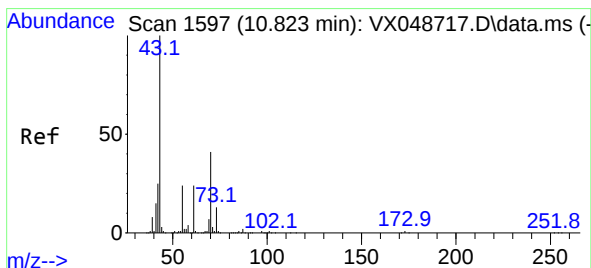
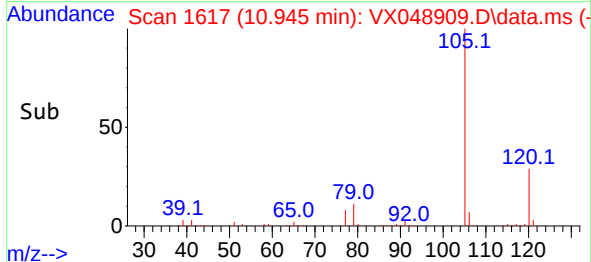
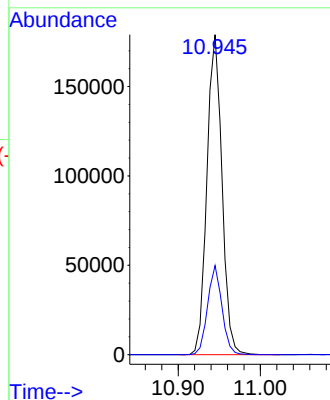
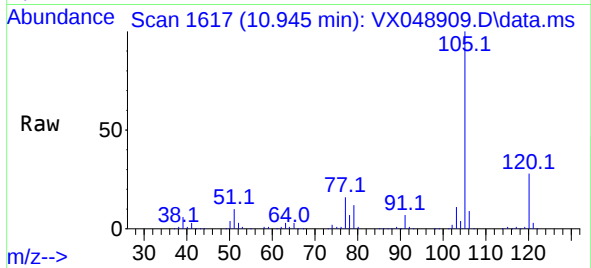




#73
Isopropylbenzene
Concen: 46.194 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

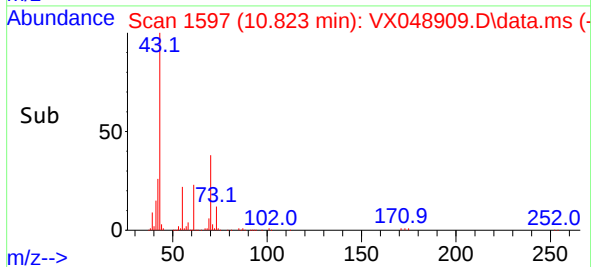
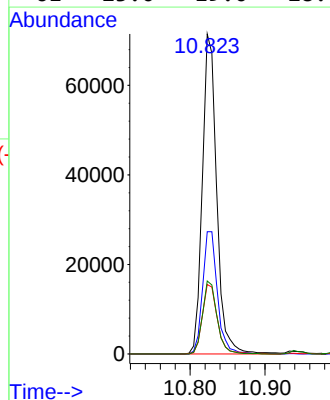
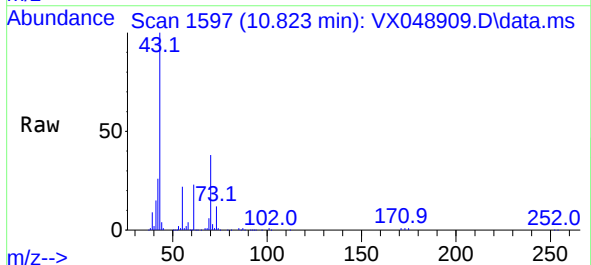
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

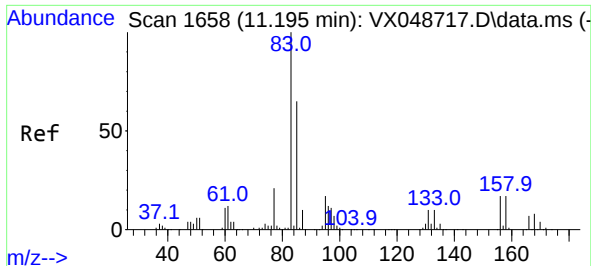
Tgt Ion:105 Resp: 227665
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5



#74
N-ethyl acetate
Concen: 45.694 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 43 Resp: 95334
Ion Ratio Lower Upper
43 100
70 39.6 33.9 50.9
55 22.8 19.1 28.7
61 23.0 19.0 28.6

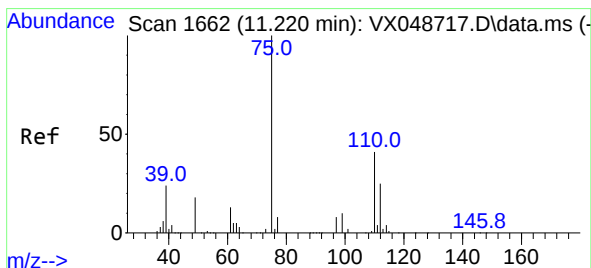
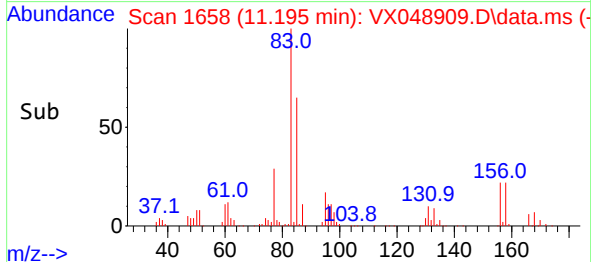
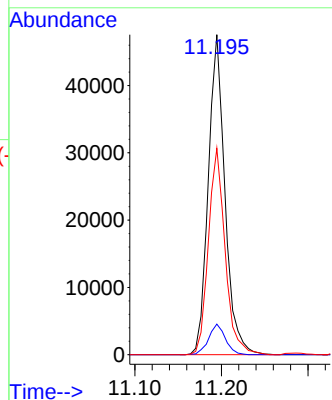
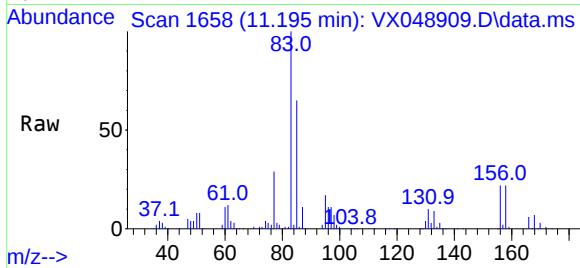




#75
1,1,2,2-Tetrachloroethane
Concen: 43.827 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

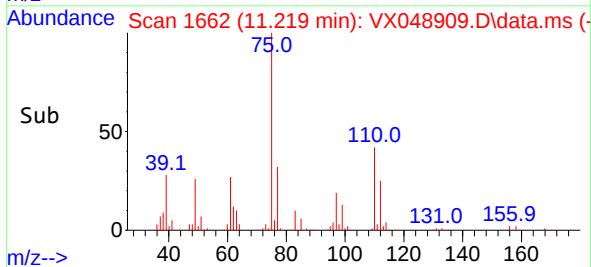
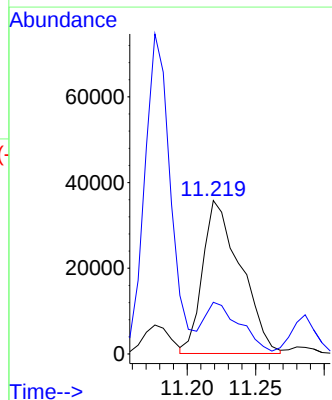
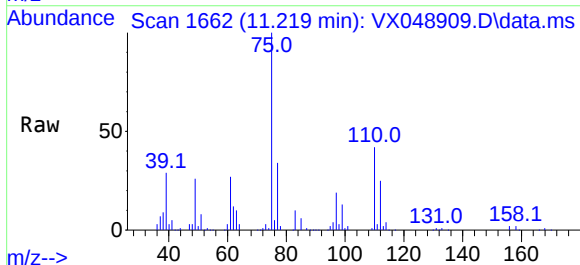
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

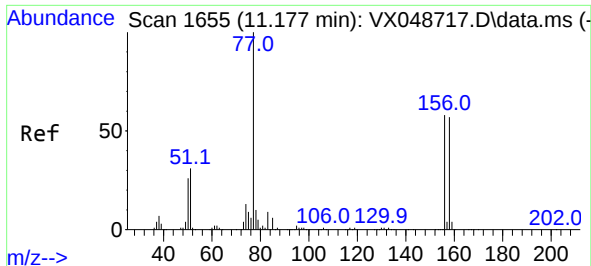
Tgt Ion: 83 Resp: 63601
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 64.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 59.297 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 75 Resp: 68861
Ion Ratio Lower Upper
75 100
77 31.5 24.3 73.0

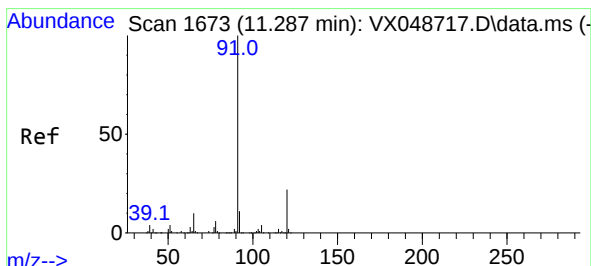
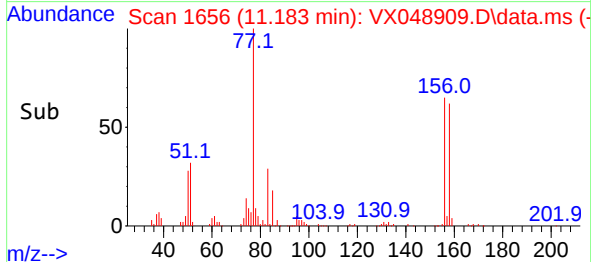
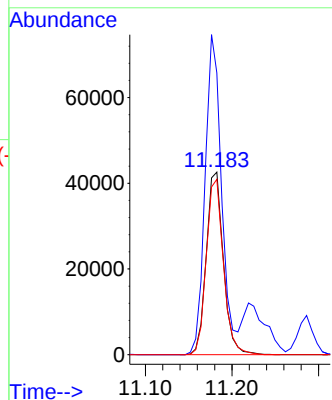
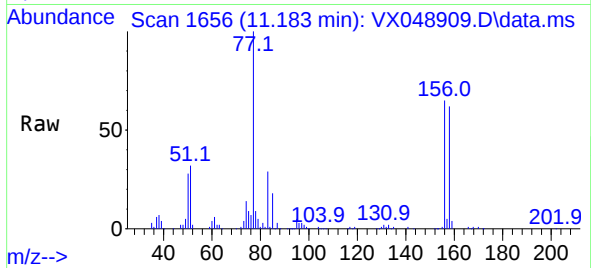




#77
Bromobenzene
Concen: 46.384 ug/l
RT: 11.183 min Scan# 1655
Delta R.T. 0.006 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

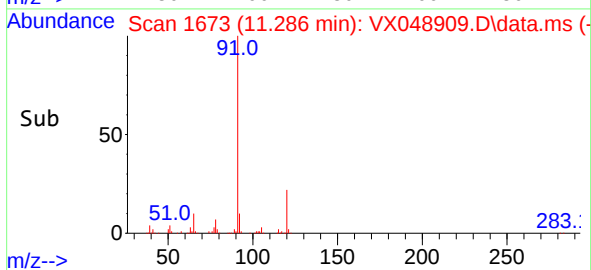
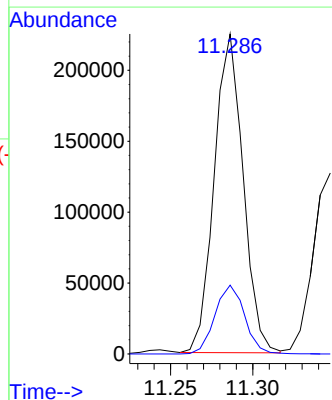
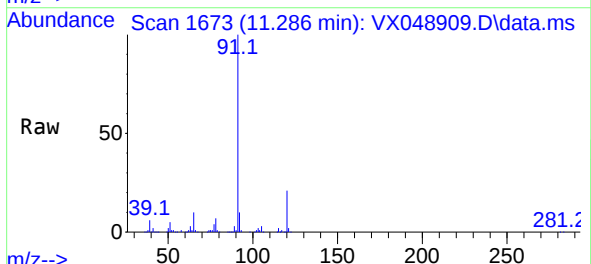
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

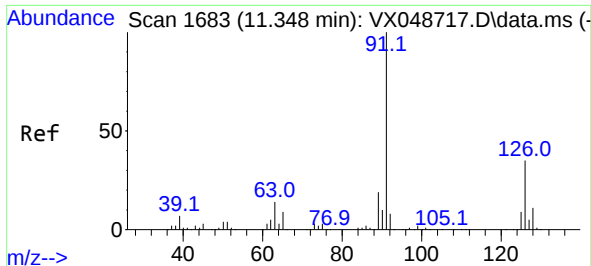
Tgt Ion:156 Resp: 58452
Ion Ratio Lower Upper
156 100
77 168.9 80.3 240.9
158 96.4 48.9 146.6



#78
n-propylbenzene
Concen: 45.919 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 91 Resp: 274193
Ion Ratio Lower Upper
91 100
120 22.2 11.4 34.2

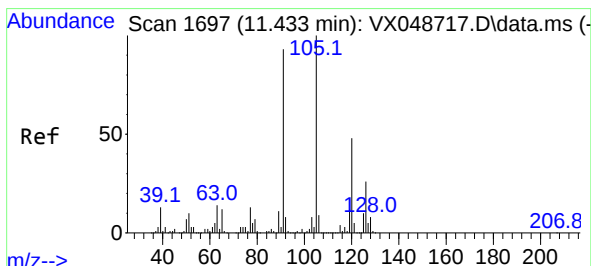
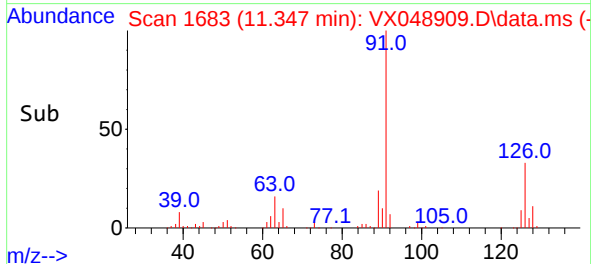
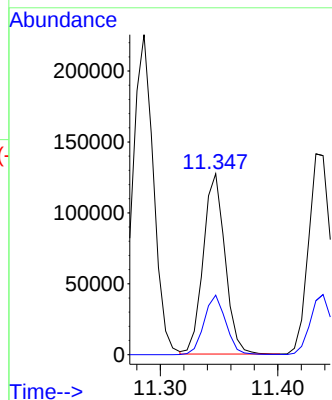
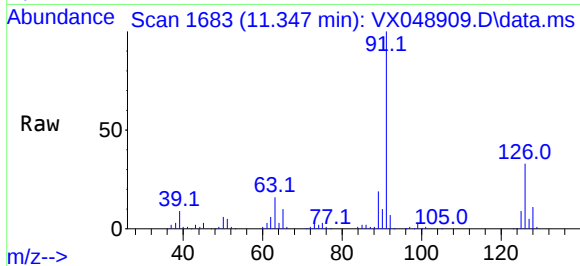




#79
2-Chlorotoluene
Concen: 44.227 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

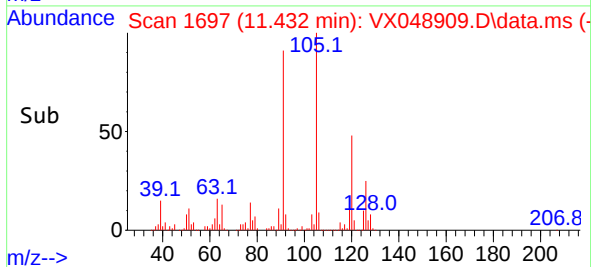
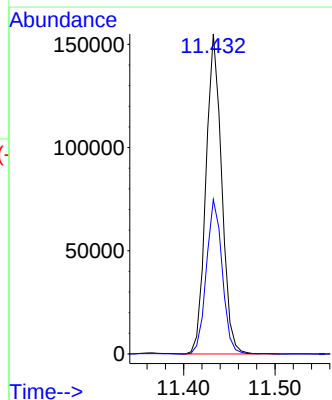
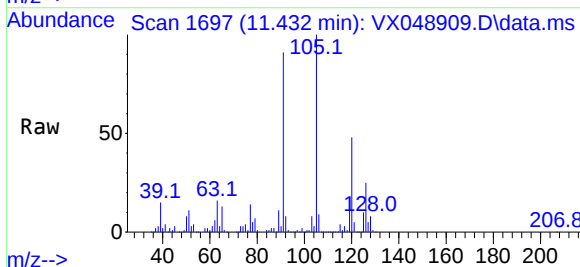
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

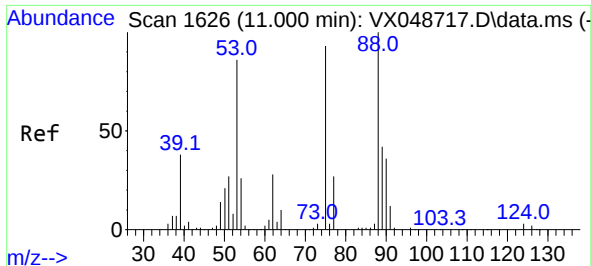
Tgt Ion: 91 Resp: 163038
Ion Ratio Lower Upper
91 100
126 33.1 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 45.884 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 105 Resp: 185733
Ion Ratio Lower Upper
105 100
120 48.6 24.4 73.2

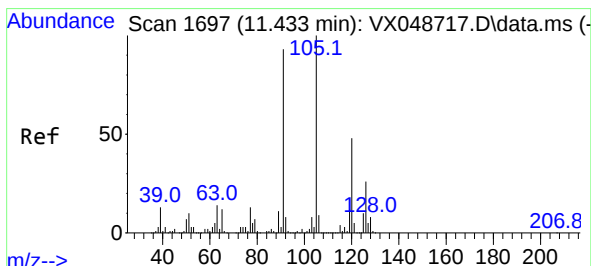
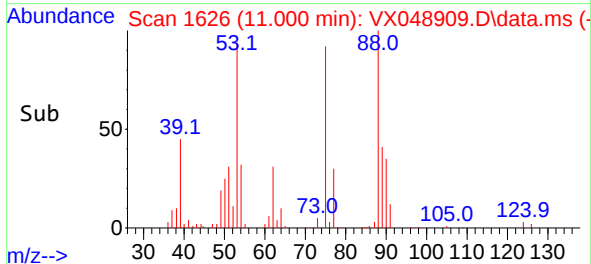
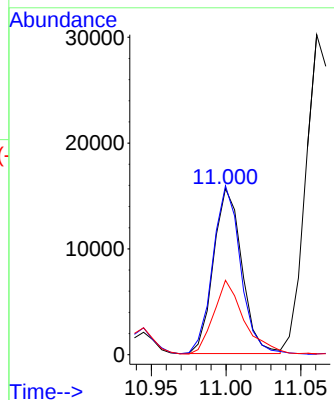
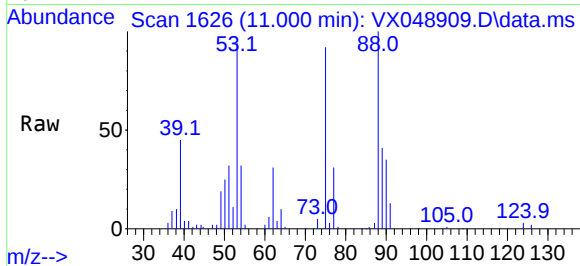




#81
trans-1,4-Dichloro-2-butene
Concen: 45.092 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

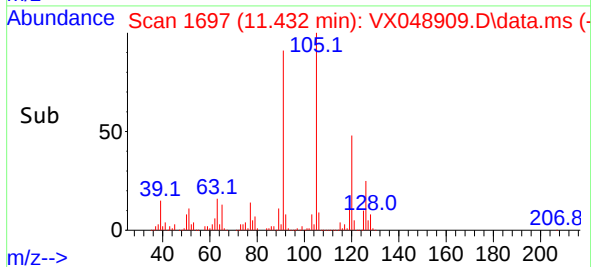
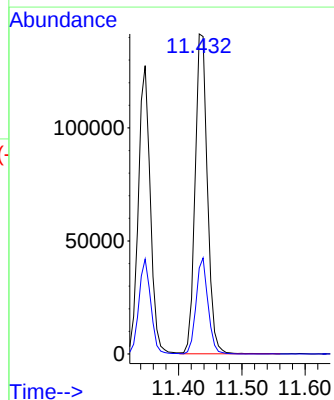
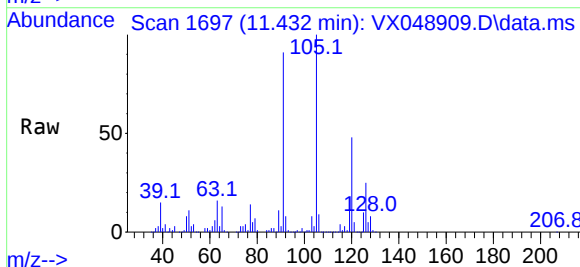
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

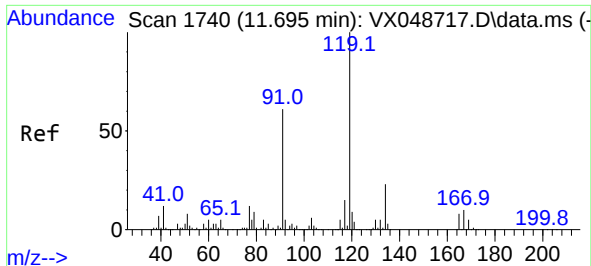
Tgt Ion: 75 Resp: 20618
Ion Ratio Lower Upper
75 100
53 101.9 79.9 119.9
89 49.8 67.1 100.7#



#82
4-Chlorotoluene
Concen: 45.236 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 91 Resp: 191192
Ion Ratio Lower Upper
91 100
126 29.1 14.7 44.1

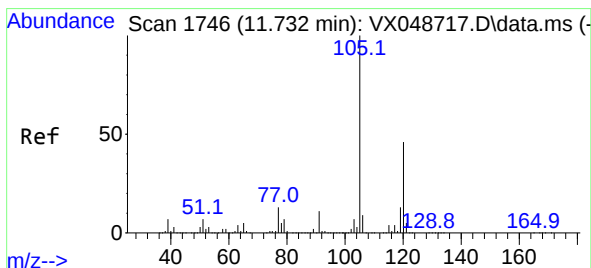
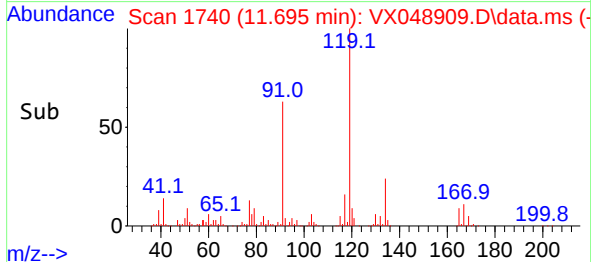
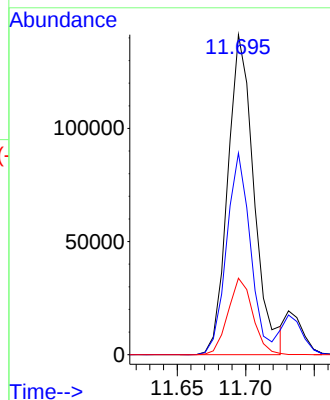
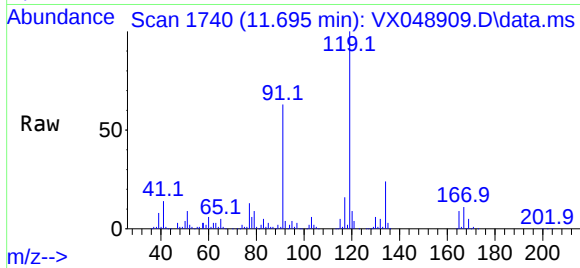




#83
tert-Butylbenzene
Concen: 45.136 ug/l
RT: 11.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

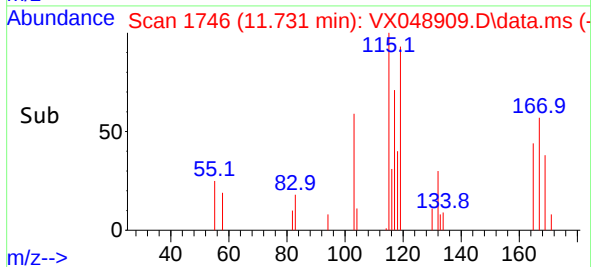
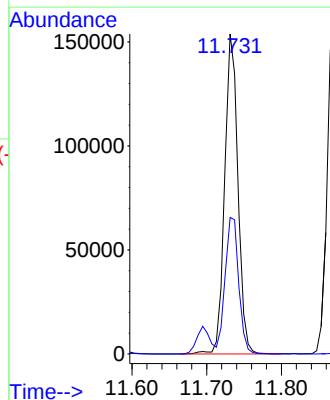
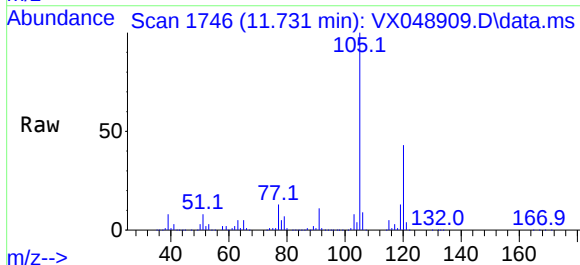
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

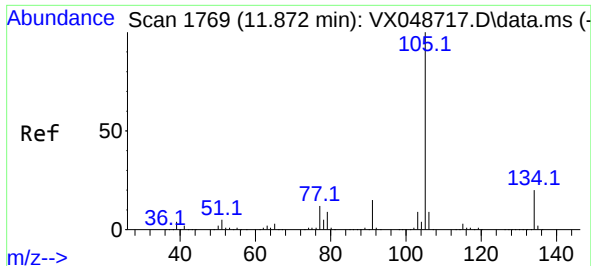
Tgt Ion:119 Resp: 188748
Ion Ratio Lower Upper
119 100
91 57.5 28.4 85.2
134 22.6 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 46.481 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion:105 Resp: 190094
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.8

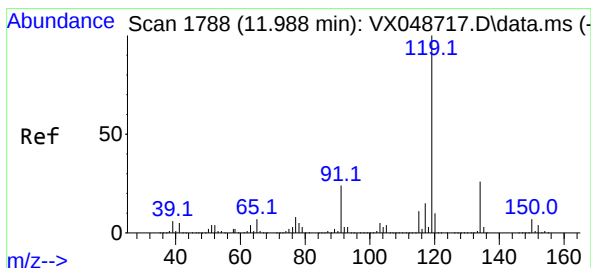
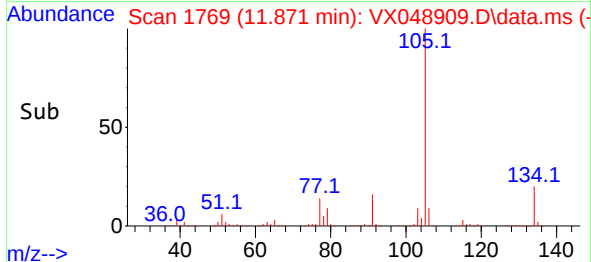
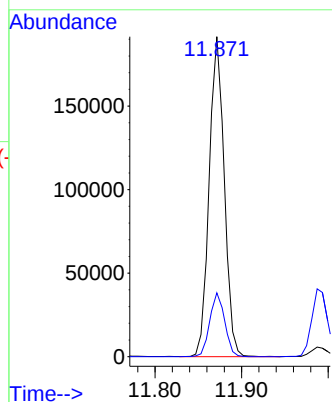
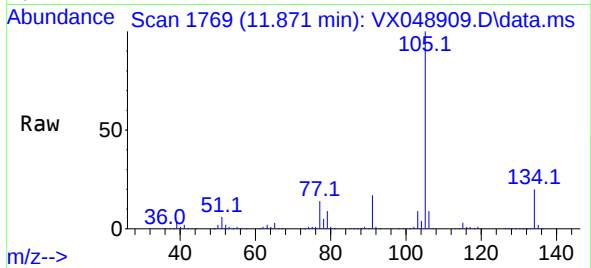




#85
sec-Butylbenzene
Concen: 44.904 ug/l
RT: 11.871 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

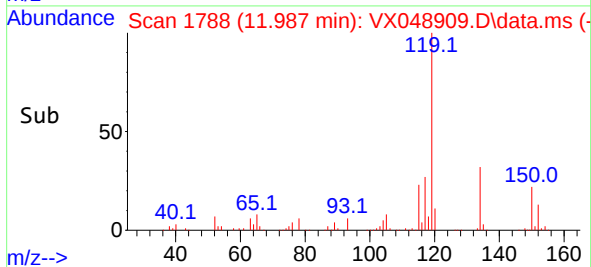
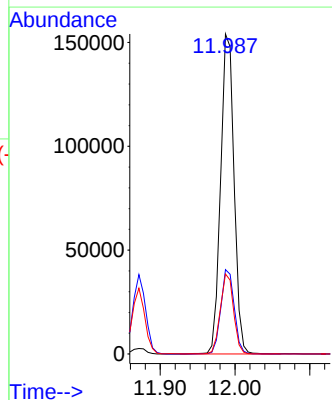
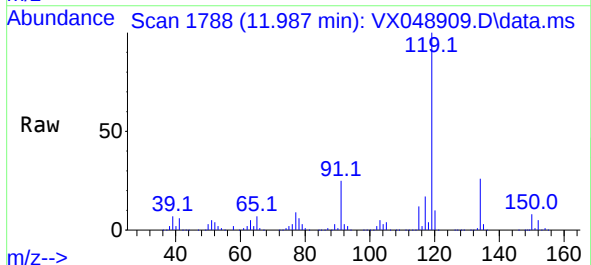
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

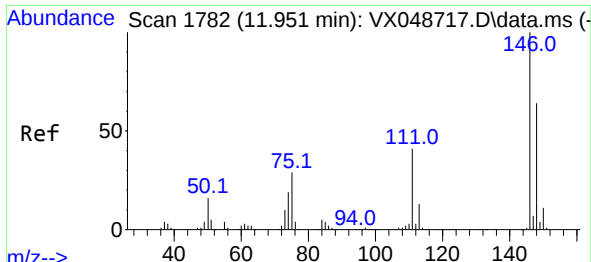
Tgt Ion:105 Resp: 231519
Ion Ratio Lower Upper
105 100
134 19.7 9.8 29.5



#86
p-Isopropyltoluene
Concen: 45.681 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion:119 Resp: 193033
Ion Ratio Lower Upper
119 100
134 26.3 13.1 39.3
91 24.7 11.8 35.4

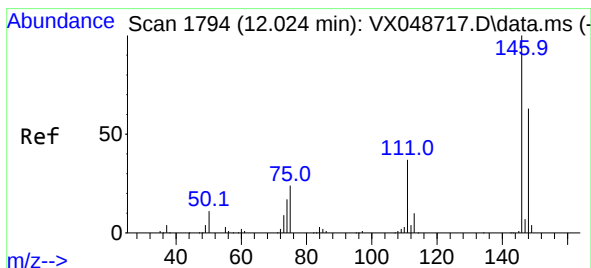
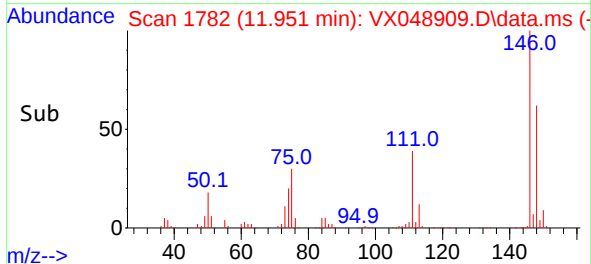
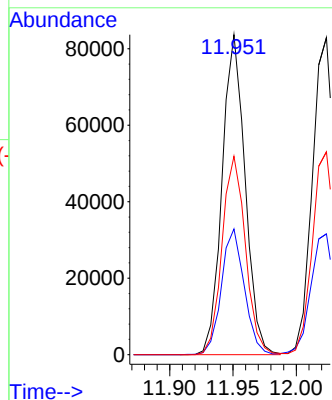
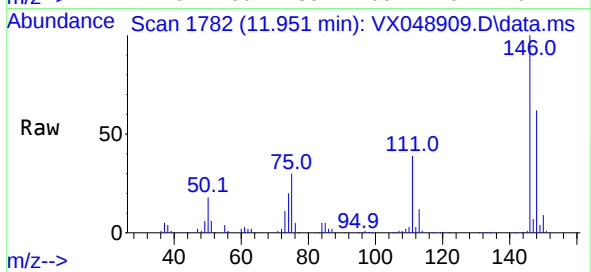




#87
1,3-Dichlorobenzene
Concen: 44.670 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

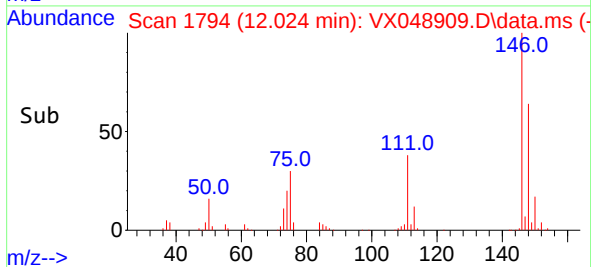
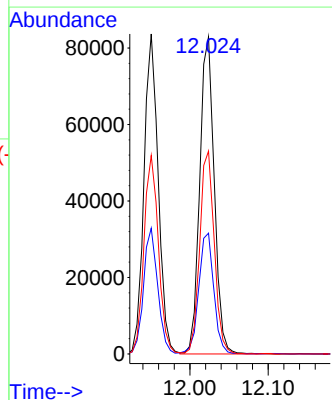
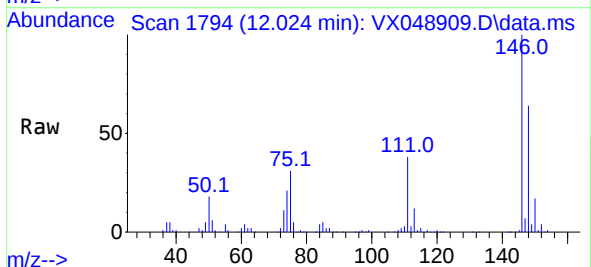
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

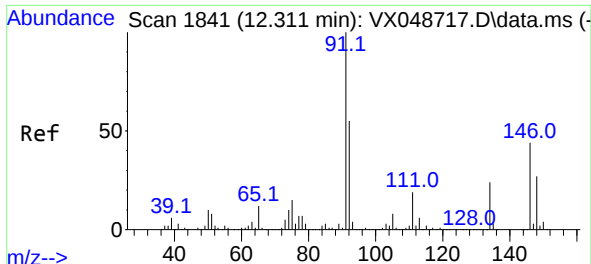
Tgt Ion:146 Resp: 105622
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.8
148 63.1 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 43.183 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion:146 Resp: 107115
Ion Ratio Lower Upper
146 100
111 39.4 19.6 58.7
148 64.0 31.6 94.7

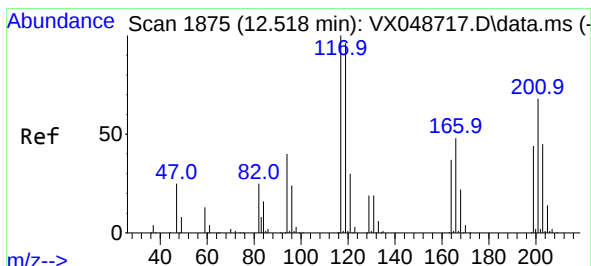
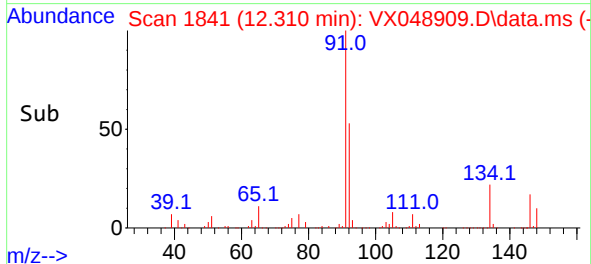
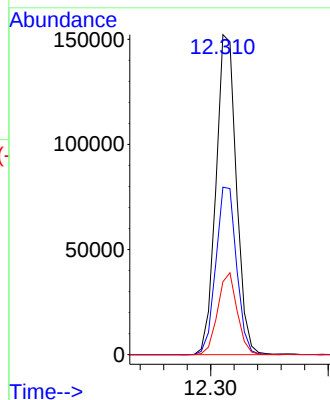
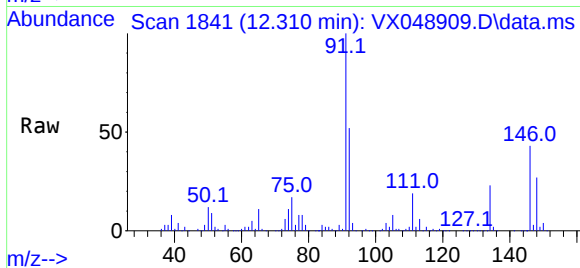




#89
n-Butylbenzene
Concen: 45.477 ug/l
RT: 12.310 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

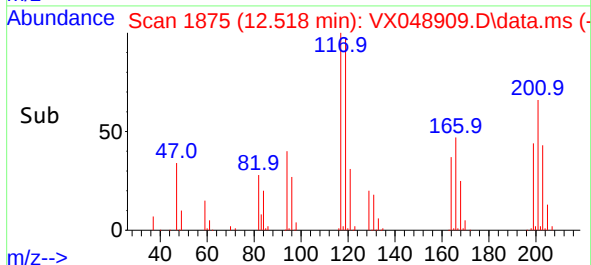
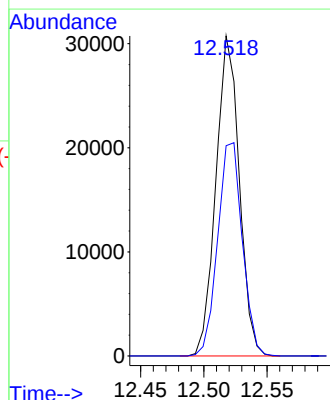
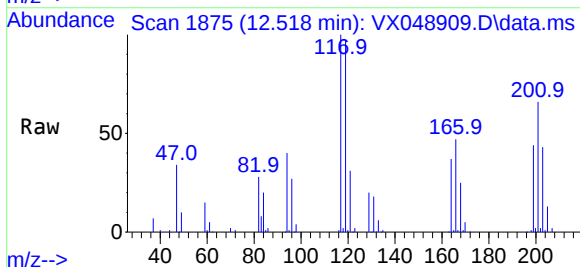
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

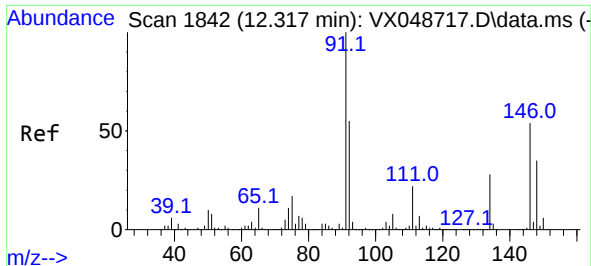
Tgt Ion: 91 Resp: 183820
Ion Ratio Lower Upper
91 100
92 53.2 27.1 81.3
134 24.5 12.9 38.6



#90
Hexachloroethane
Concen: 43.450 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 117 Resp: 39504
Ion Ratio Lower Upper
117 100
201 70.3 36.4 109.1

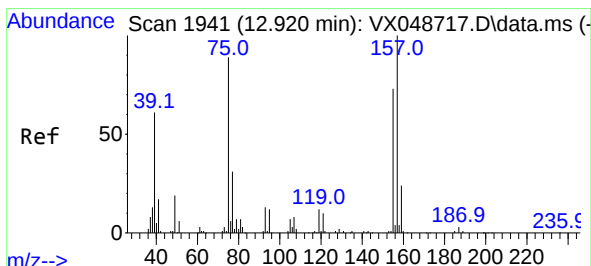
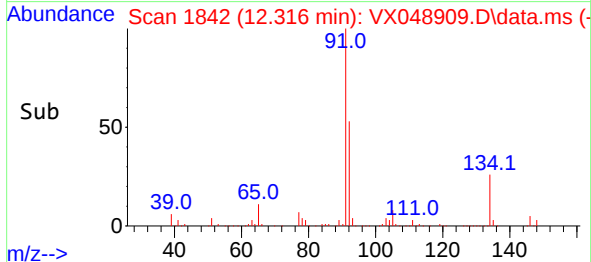
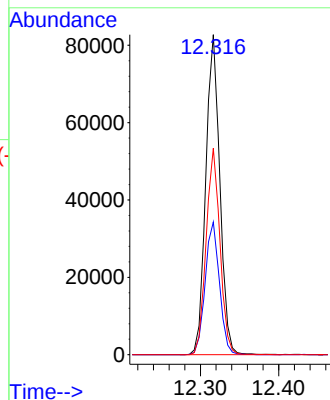
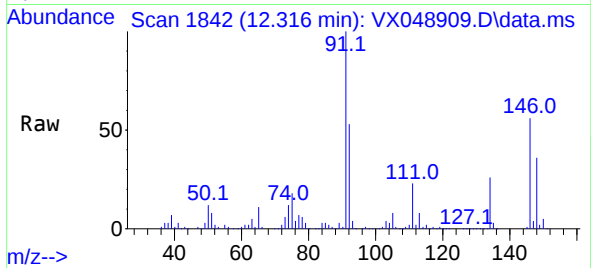




#91
1,2-Dichlorobenzene
Concen: 44.011 ug/l
RT: 12.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

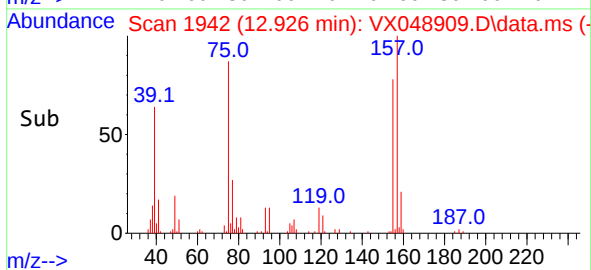
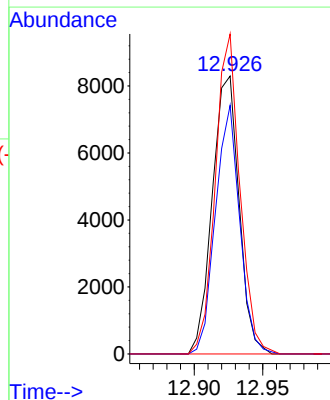
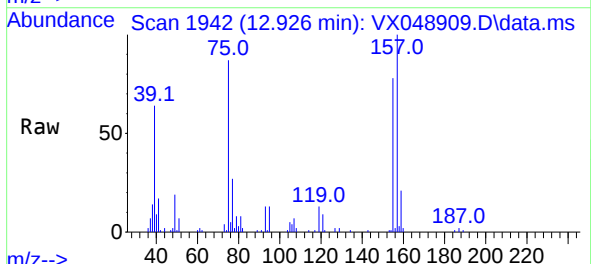
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

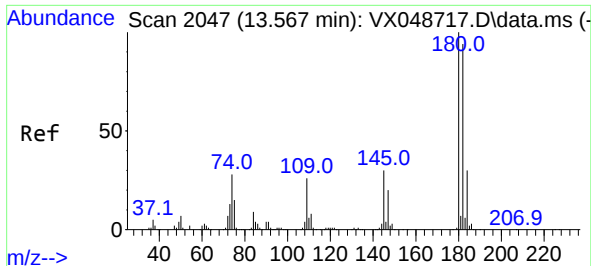
Tgt Ion:146 Resp: 102883
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.5
148 63.6 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.383 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion: 75 Resp: 11266
Ion Ratio Lower Upper
75 100
155 81.0 43.0 129.2
157 105.6 56.0 168.2

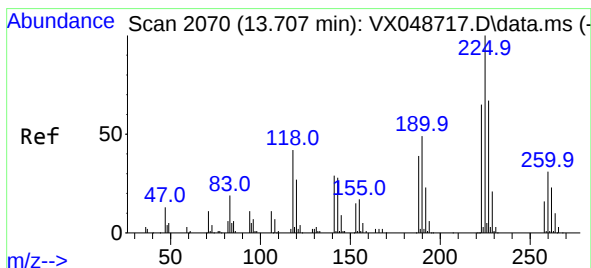
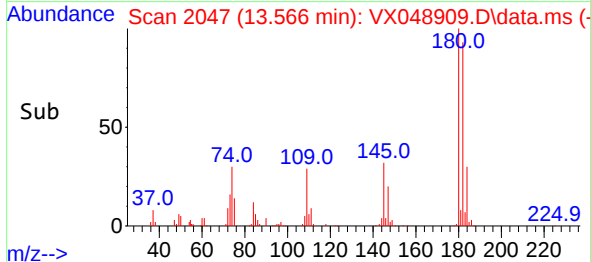
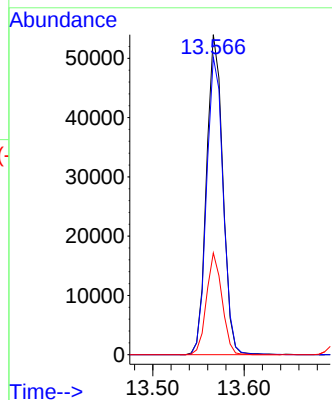
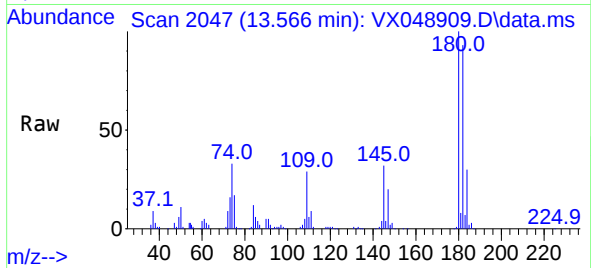




#93
1,2,4-Trichlorobenzene
Concen: 49.470 ug/l
RT: 13.566 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

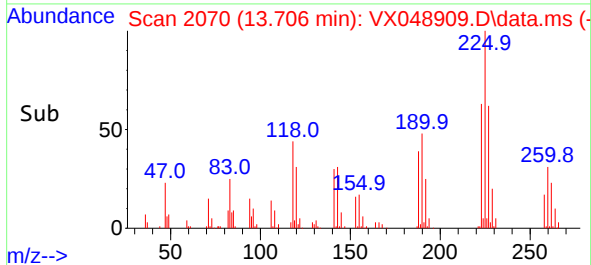
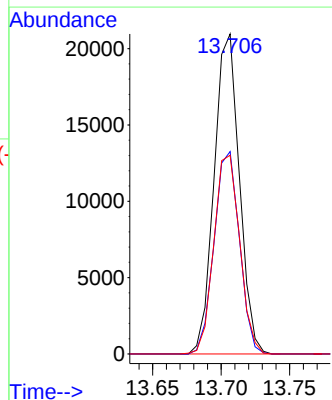
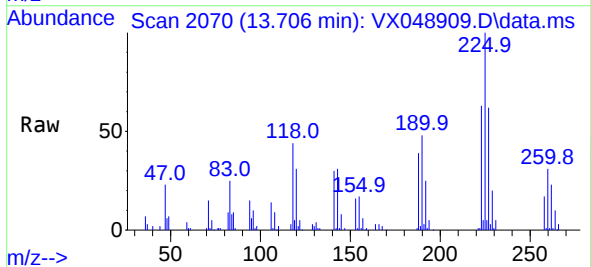
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

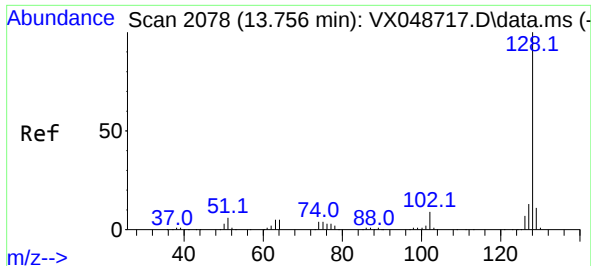
Tgt Ion:180 Resp: 66485
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.8
145 30.3 15.1 45.3



#94
Hexachlorobutadiene
Concen: 46.169 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion:225 Resp: 26794
Ion Ratio Lower Upper
225 100
223 63.4 33.0 98.9
227 63.6 32.9 98.7



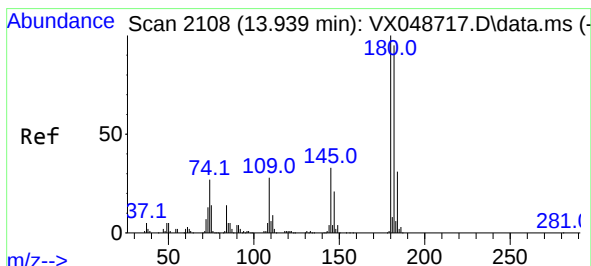
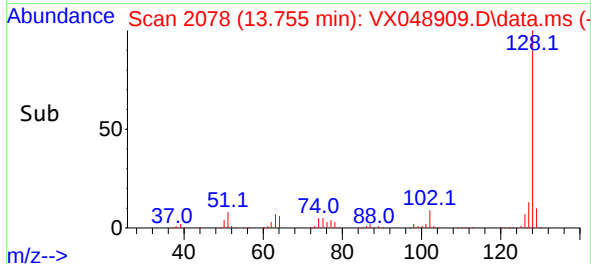
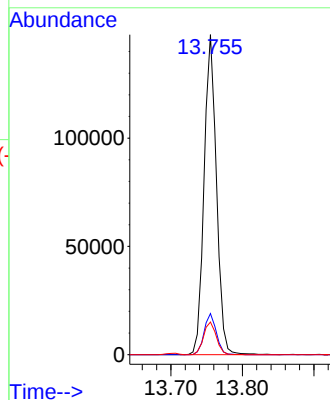
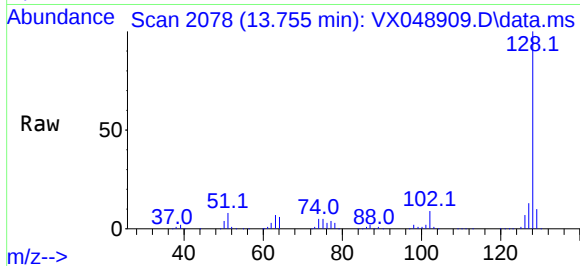


#95
Naphthalene
Concen: 52.293 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 177530

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.021 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048909.D
Acq: 16 Dec 2025 23:21

Tgt Ion:180 Resp: 61613

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	32.2	16.6	49.8

