

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048072.D
 Acq On : 09 Oct 2025 09:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 10 01:15:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	133891	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	232812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	103010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	116172	54.510	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.020%	
35) Dibromofluoromethane	5.367	113	91936	58.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.760%	
50) Toluene-d8	8.628	98	294822	54.570	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.140%	
62) 4-Bromofluorobenzene	11.061	95	111926	54.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	68753	49.589	ug/l	99
3) Chloromethane	1.300	50	77854	42.725	ug/l	98
4) Vinyl Chloride	1.380	62	83548	46.839	ug/l	98
5) Bromomethane	1.617	94	56890	50.297	ug/l	96
6) Chloroethane	1.697	64	58424	49.006	ug/l	97
7) Trichlorofluoromethane	1.892	101	139589	52.705	ug/l	99
8) Diethyl Ether	2.136	74	56104	51.785	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	83027	53.613	ug/l	98
10) Methyl Iodide	2.453	142	77947	32.273	ug/l	99
11) Tert butyl alcohol	2.934	59	48364	203.758	ug/l	99
12) 1,1-Dichloroethene	2.325	96	78008	49.038	ug/l	94
13) Acrolein	2.233	56	53246	243.432	ug/l	99
14) Allyl chloride	2.666	41	155668	47.422	ug/l	98
15) Acrylonitrile	3.056	53	227926	259.244	ug/l	98
16) Acetone	2.367	43	225939	243.822	ug/l	98
17) Carbon Disulfide	2.514	76	175903	40.392	ug/l	98
18) Methyl Acetate	2.697	43	112820	54.707	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	298962	51.483	ug/l	98
20) Methylene Chloride	2.788	84	99425	50.689	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	84291	49.217	ug/l	97
22) Diisopropyl ether	3.745	45	345267	54.272	ug/l	92
23) Vinyl Acetate	3.709	43	1293543	254.054	ug/l	100
24) 1,1-Dichloroethane	3.599	63	179784	53.170	ug/l	99
25) 2-Butanone	4.532	43	276334	239.067	ug/l	100
26) 2,2-Dichloropropane	4.458	77	144896	51.551	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	108592	51.774	ug/l	99
28) Bromochloromethane	4.879	49	81555	55.247	ug/l	98
29) Tetrahydrofuran	4.983	42	155976	224.312	ug/l	100
30) Chloroform	5.074	83	188262	55.097	ug/l	99
31) Cyclohexane	5.458	56	115758	41.104	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	151590	52.303	ug/l	99
36) 1,1-Dichloropropene	5.678	75	106138	46.521	ug/l	99
37) Ethyl Acetate	4.690	43	112300	45.971	ug/l	100
38) Carbon Tetrachloride	5.659	117	125955	50.811	ug/l	99
39) Methylcyclohexane	7.360	83	110215	42.557	ug/l	99
40) Benzene	6.019	78	351292	50.695	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	65112	51.630	ug/l	98
42) 1,2-Dichloroethane	6.062	62	137528	52.161	ug/l	99
43) Isopropyl Acetate	6.318	43	190095	47.447	ug/l	99
44) Trichloroethene	7.104	130	84344	50.345	ug/l	96
45) 1,2-Dichloropropane	7.409	63	95971	54.087	ug/l	99
46) Dibromomethane	7.562	93	68547	53.086	ug/l	100
47) Bromodichloromethane	7.799	83	149105	55.959	ug/l	99
48) Methyl methacrylate	7.671	41	96035	48.122	ug/l	99
49) 1,4-Dioxane	7.641	88	21743	1078.083	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	547938	246.669	ug/l	99
52) Toluene	8.702	92	215506	50.478	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	141924	52.219	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	153909	52.981	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	90228	54.809	ug/l	98
56) Ethyl methacrylate	9.098	69	129018	49.904	ug/l	98
57) 1,3-Dichloropropane	9.293	76	153817	54.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	328449	264.840	ug/l	100
59) 2-Hexanone	9.415	43	377013	236.316	ug/l	100
60) Dibromochloromethane	9.500	129	109325	57.636	ug/l	99
61) 1,2-Dibromoethane	9.592	107	89398	53.316	ug/l	100
64) Tetrachloroethene	9.256	164	63286	46.503	ug/l	100
65) Chlorobenzene	10.061	112	241146	50.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	91525	55.925	ug/l	99
67) Ethyl Benzene	10.177	91	405378	49.538	ug/l	98
68) m/p-Xylenes	10.281	106	303568	99.667	ug/l	100
69) o-Xylene	10.622	106	147195	49.964	ug/l	100
70) Styrene	10.634	104	266941	51.713	ug/l	99
71) Bromoform	10.780	173	66977	54.809	ug/l #	100
73) Isopropylbenzene	10.945	105	386794	49.390	ug/l	100
74) N-amyl acetate	10.823	43	162589	45.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	121967	51.476	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	130527	62.584	ug/l	92
77) Bromobenzene	11.177	156	95686	49.608	ug/l	97
78) n-propylbenzene	11.286	91	452552	48.883	ug/l	100
79) 2-Chlorotoluene	11.347	91	280600	49.487	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	316535	49.195	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	36535	44.672	ug/l	99
82) 4-Chlorotoluene	11.433	91	331598	49.516	ug/l	99
83) tert-Butylbenzene	11.695	119	328976	49.946	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	321834	49.336	ug/l	99
85) sec-Butylbenzene	11.872	105	383128	48.971	ug/l	100
86) p-Isopropyltoluene	11.988	119	320894	48.448	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	177485	49.540	ug/l	100
88) 1,4-Dichlorobenzene	12.018	146	180566	49.106	ug/l	99
89) n-Butylbenzene	12.311	91	293503	47.890	ug/l	98
90) Hexachloroethane	12.518	117	61089	52.533	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	171406	50.218	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	21991	45.842	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	104002	46.884	ug/l	99
94) Hexachlorobutadiene	13.707	225	34773	46.150	ug/l	99
95) Naphthalene	13.756	128	306217	45.333	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	97500	47.250	ug/l	99

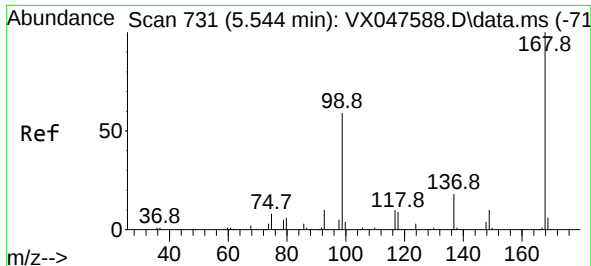
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Response via : Initial Calibration

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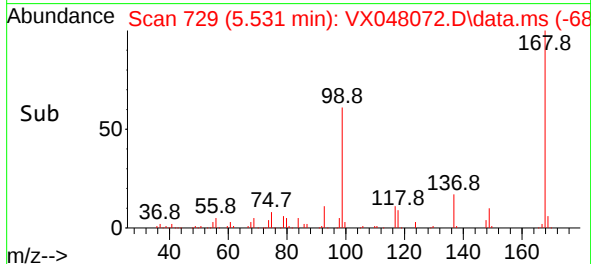
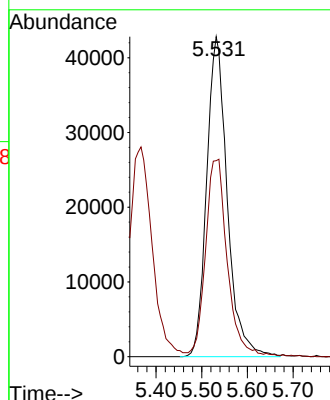
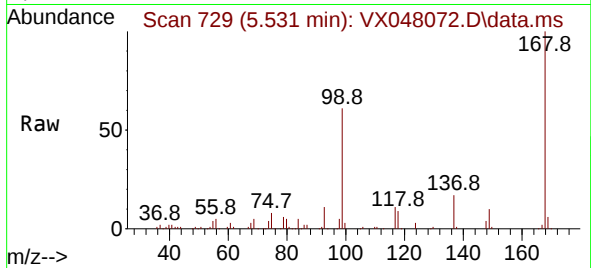
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

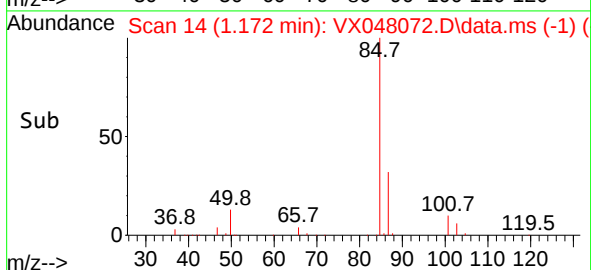
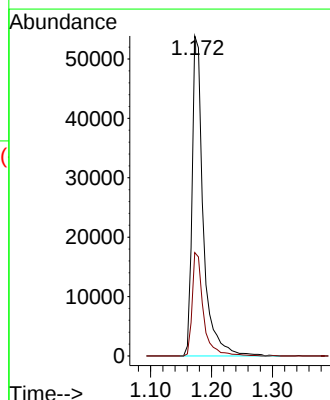
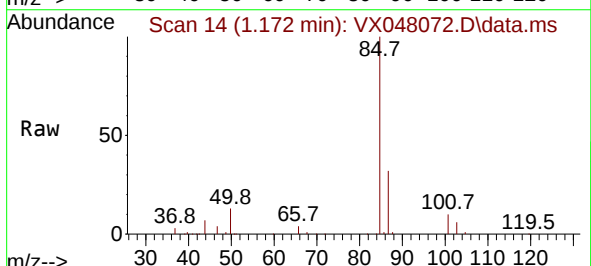
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 133891
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 49.589 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 85 Resp: 68753
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.3

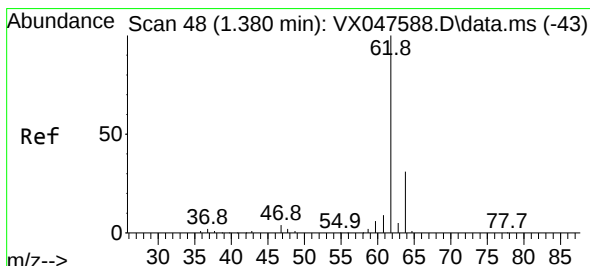
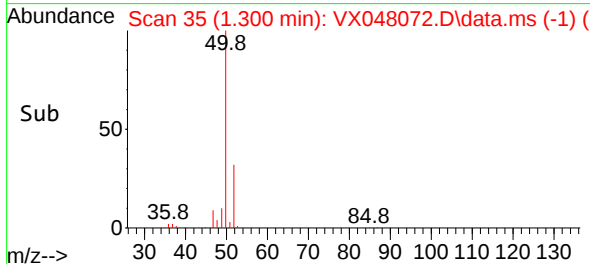
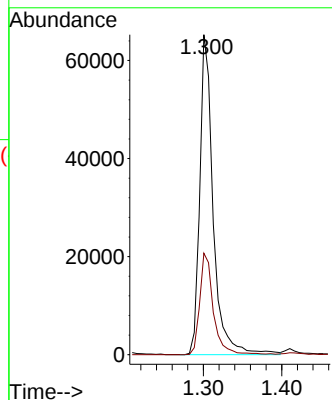
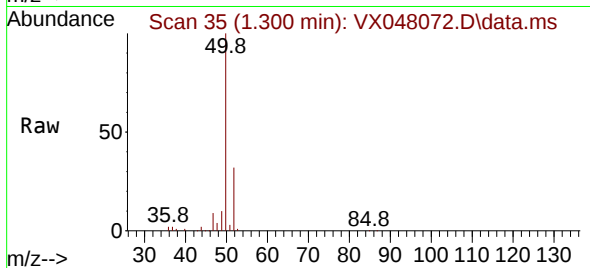




#3
Chloromethane
Concen: 42.725 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

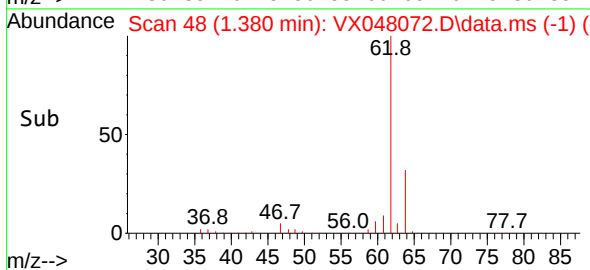
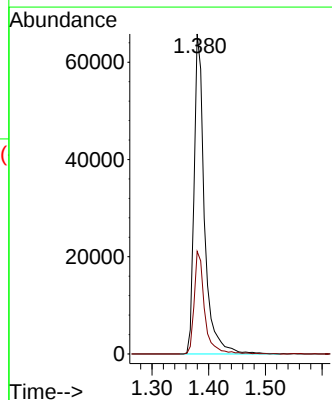
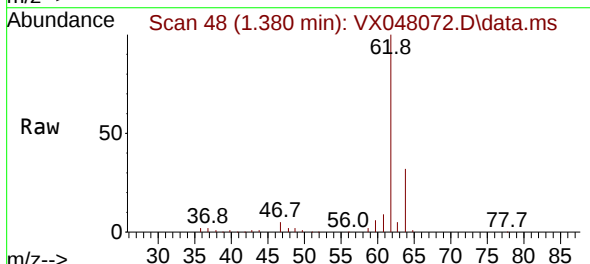
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 77854
Ion Ratio Lower Upper
50 100
52 31.7 26.1 39.1



#4
Vinyl Chloride
Concen: 46.839 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 62 Resp: 83548
Ion Ratio Lower Upper
62 100
64 32.1 24.9 37.3

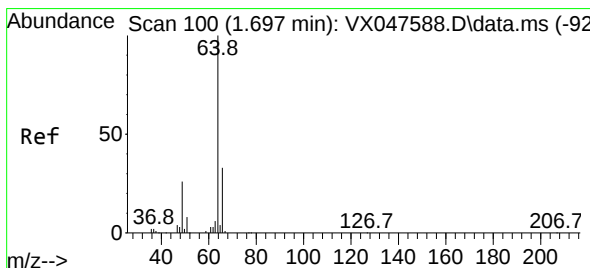
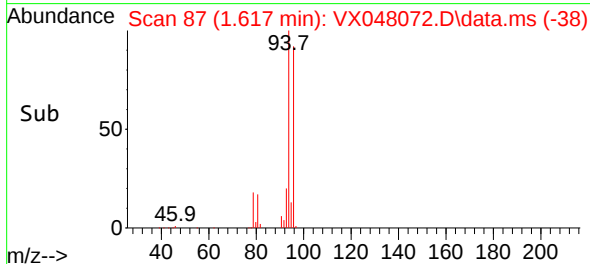
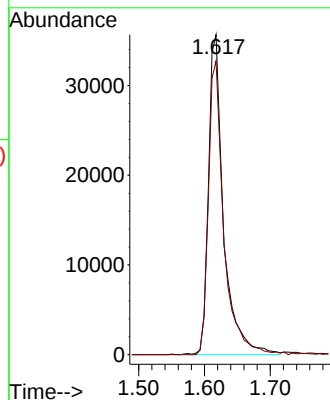
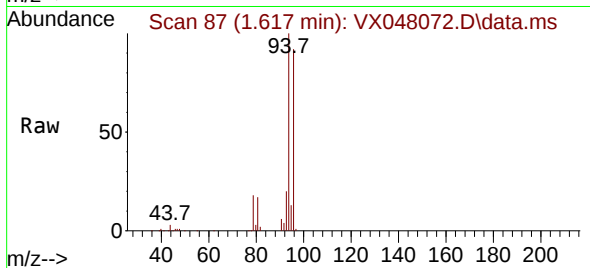




#5
Bromomethane
Concen: 50.297 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

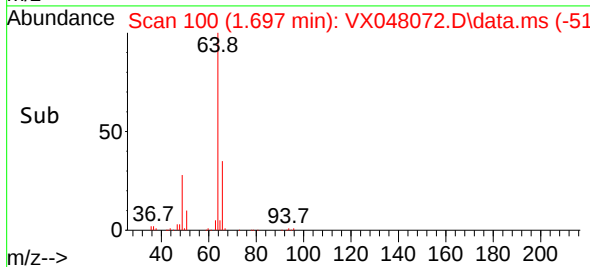
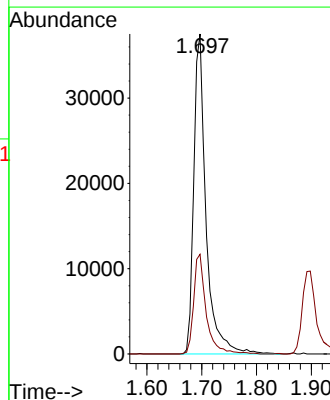
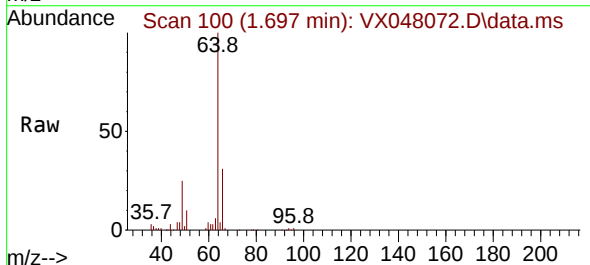
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 56890
Ion Ratio Lower Upper
94 100
96 91.8 76.6 115.0



#6
Chloroethane
Concen: 49.006 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 64 Resp: 58424
Ion Ratio Lower Upper
64 100
66 31.2 26.1 39.1

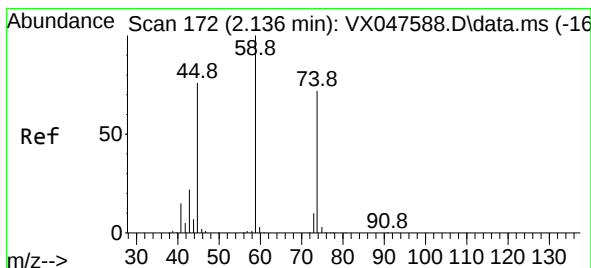
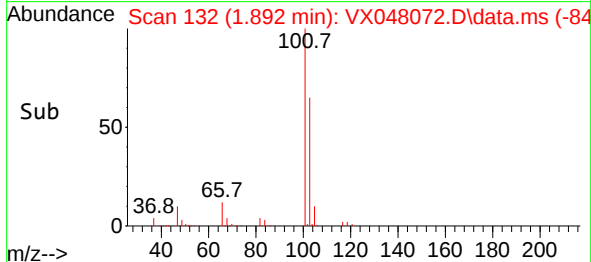
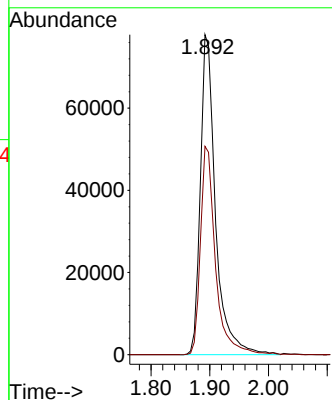
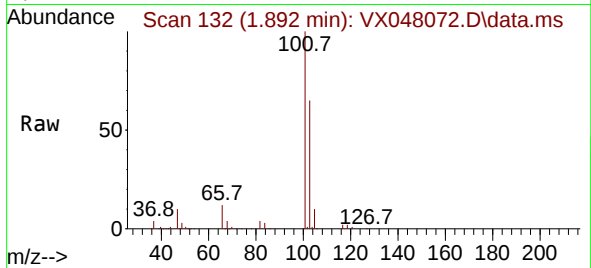




#7
 Trichlorofluoromethane
 Concen: 52.705 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX048072.D
 Acq: 09 Oct 2025 09:06

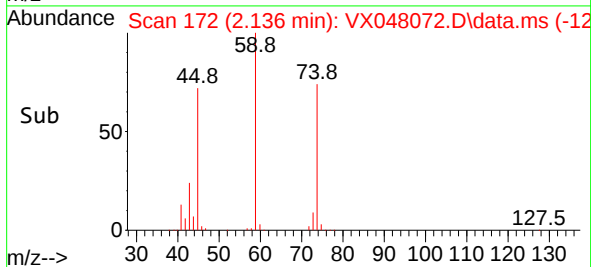
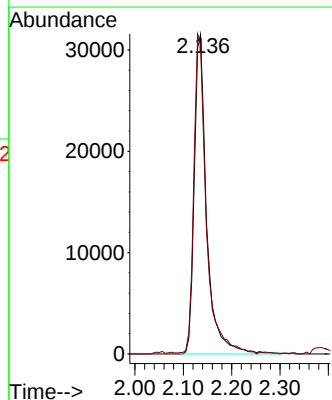
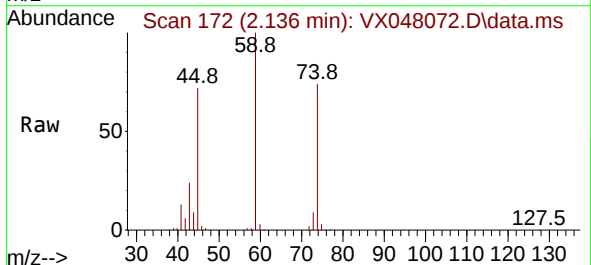
Instrument :
 MSVOA_X
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Tgt Ion:101 Resp: 139589
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 51.785 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048072.D
 Acq: 09 Oct 2025 09:06

Tgt Ion: 74 Resp: 56104
 Ion Ratio Lower Upper
 74 100
 45 101.1 52.3 156.8

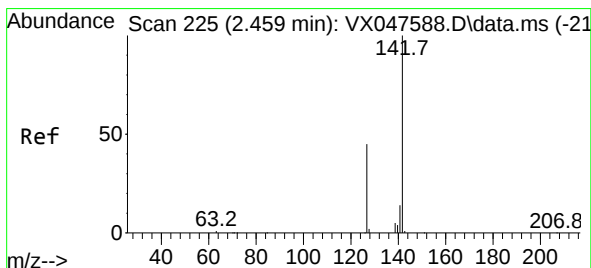
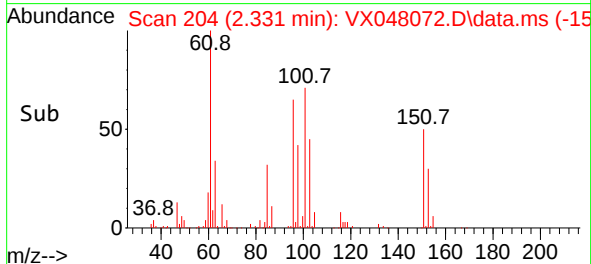
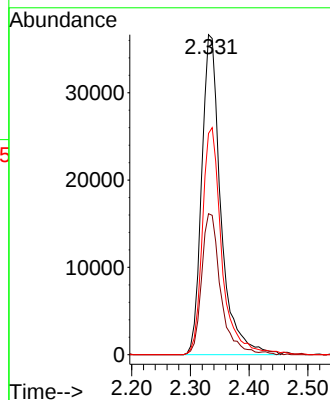
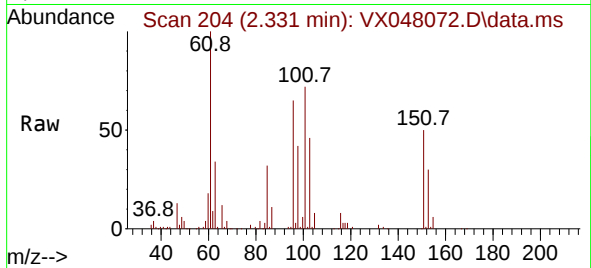




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.613 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

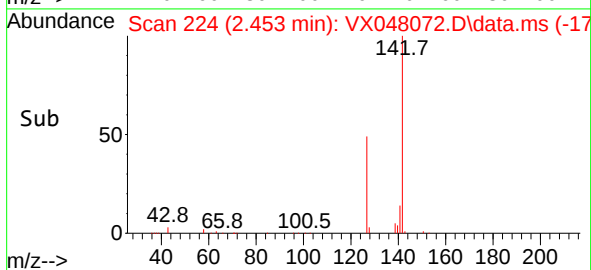
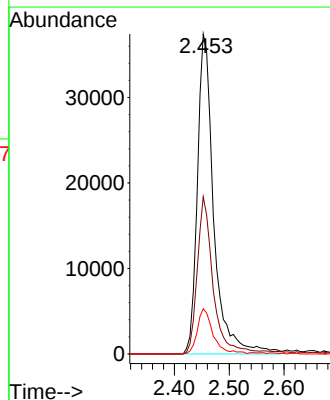
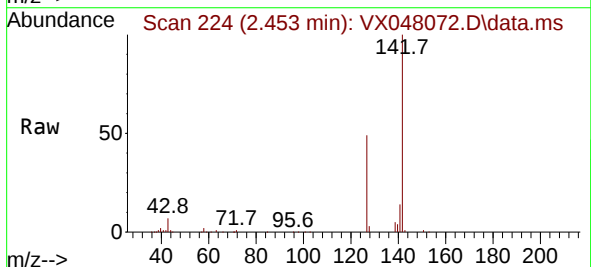
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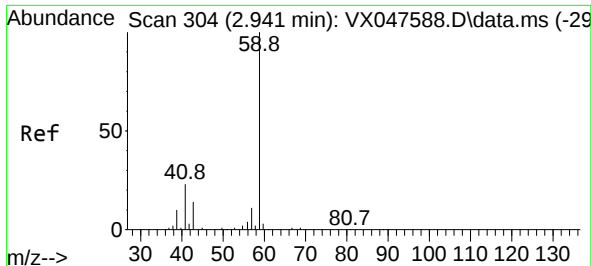
Tgt Ion:101 Resp: 83027
Ion Ratio Lower Upper
101 100
85 43.7 35.5 53.3
151 72.3 59.4 89.0



#10
Methyl Iodide
Concen: 32.273 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:142 Resp: 77947
Ion Ratio Lower Upper
142 100
127 47.1 37.2 55.8
141 13.6 11.4 17.0

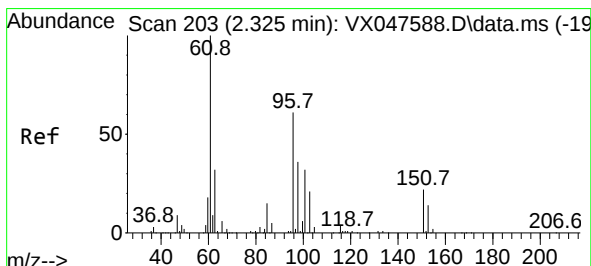
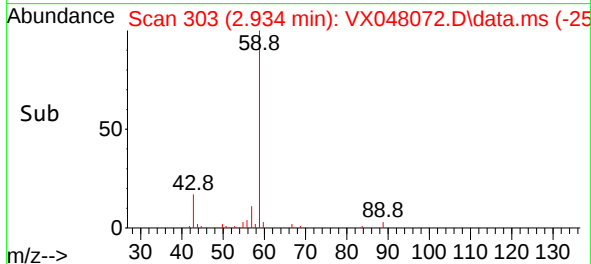
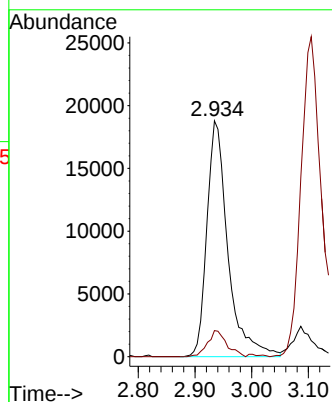
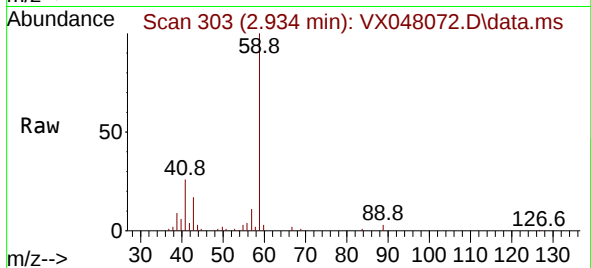




#11
Tert butyl alcohol
Concen: 203.758 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

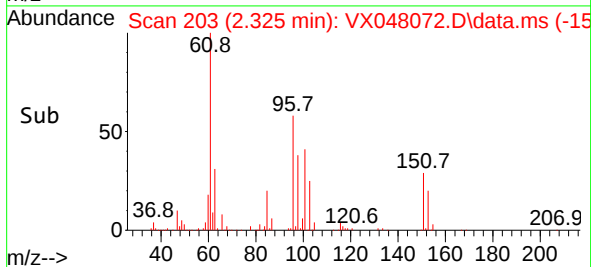
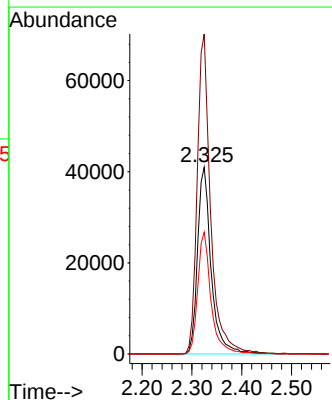
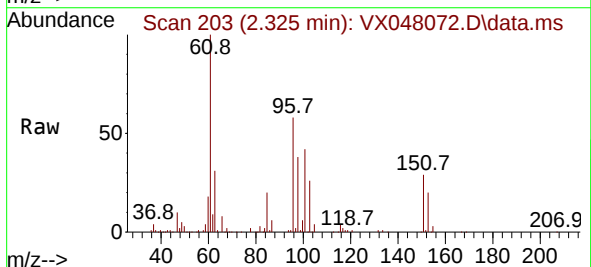
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 48364
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.038 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 96 Resp: 78008
Ion Ratio Lower Upper
96 100
61 171.4 131.0 196.6
98 65.2 47.7 71.5

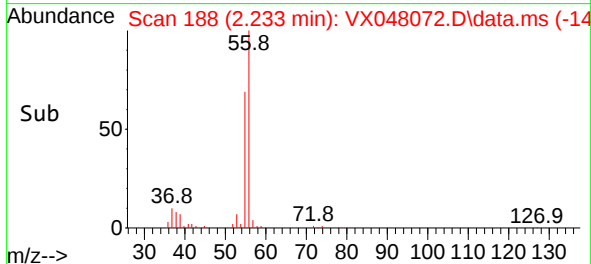
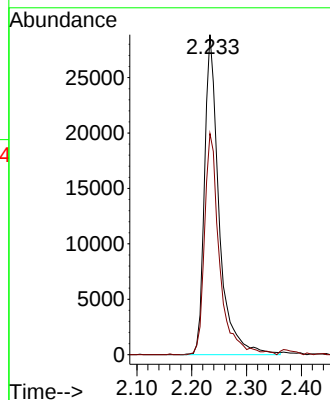
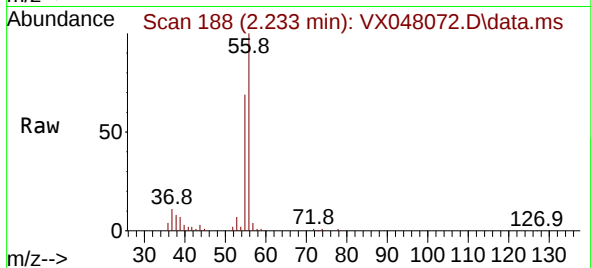




#13
Acrolein
Concen: 243.432 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

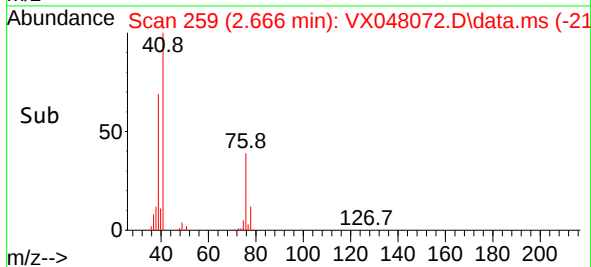
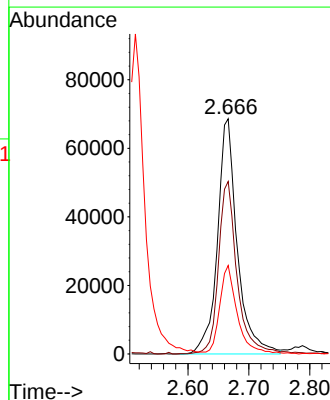
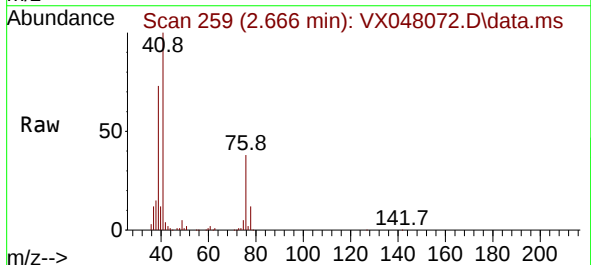
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 53246
Ion Ratio Lower Upper
56 100
55 71.0 57.2 85.8



#14
Allyl chloride
Concen: 47.422 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 41 Resp: 155668
Ion Ratio Lower Upper
41 100
39 69.4 54.7 82.1
76 33.2 25.7 38.5

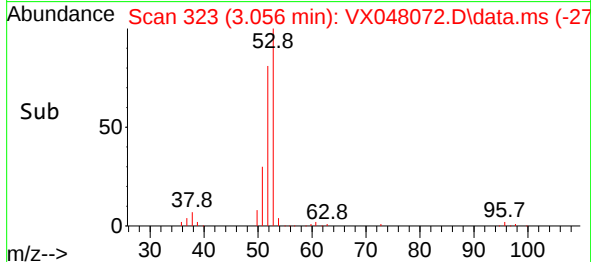
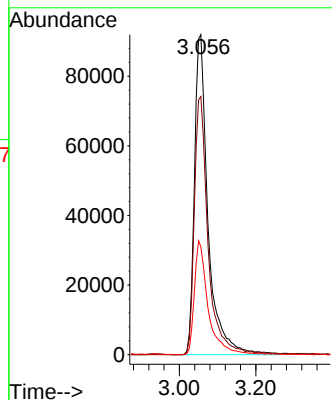
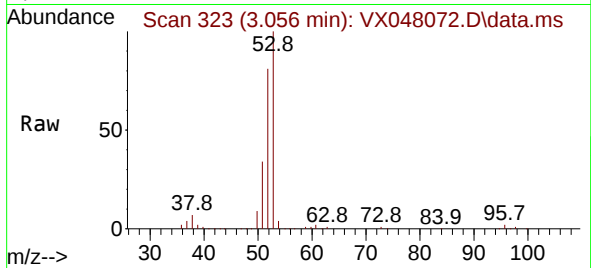




#15
Acrylonitrile
Concen: 259.244 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

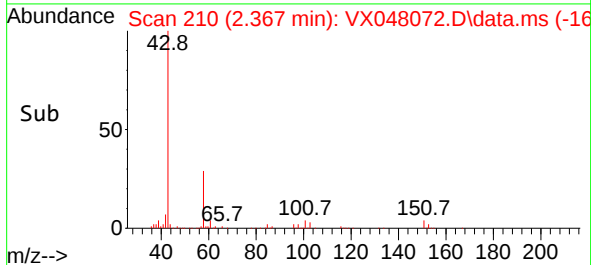
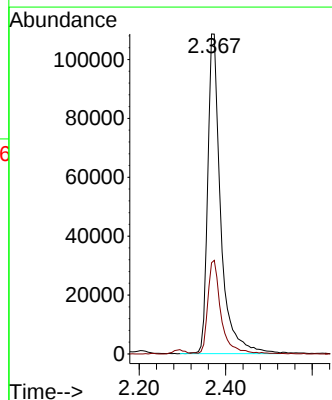
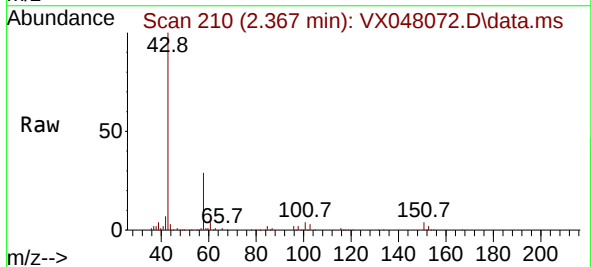
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

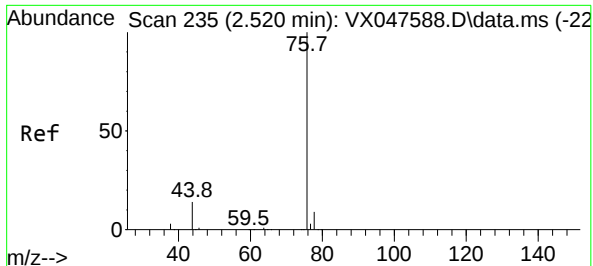
Tgt Ion: 53 Resp: 227926
Ion Ratio Lower Upper
53 100
52 81.1 66.4 99.6
51 36.1 29.5 44.3



#16
Acetone
Concen: 243.822 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 225939
Ion Ratio Lower Upper
43 100
58 28.4 23.4 35.0





#17

Carbon Disulfide

Concen: 40.392 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

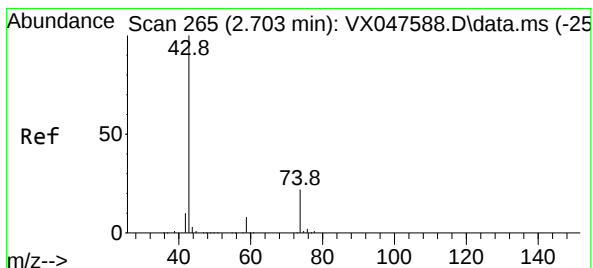
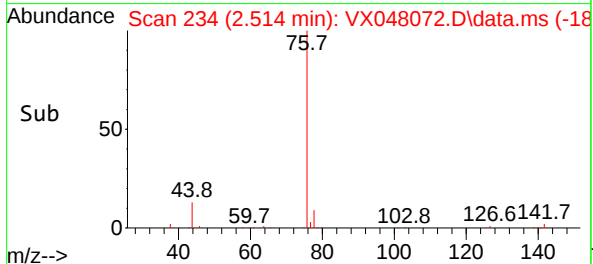
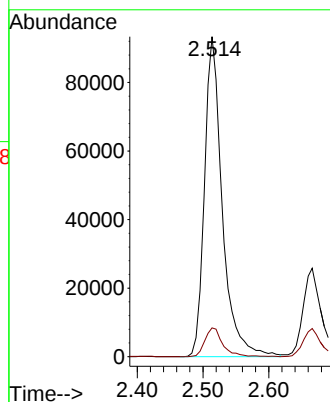
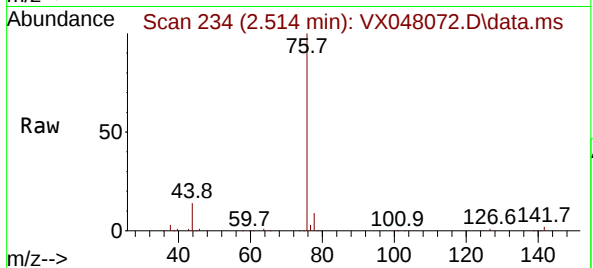
VSTDCCC050

Tgt Ion: 76 Resp: 175903

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#18

Methyl Acetate

Concen: 54.707 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX048072.D

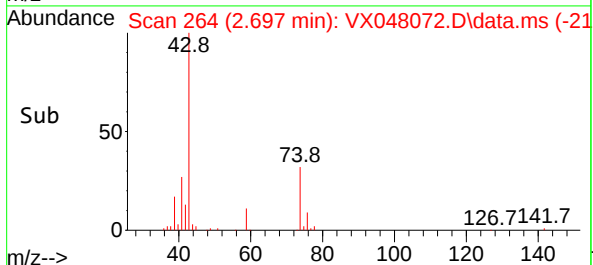
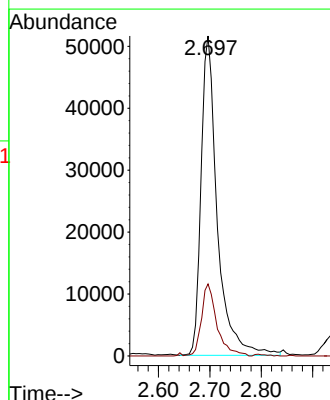
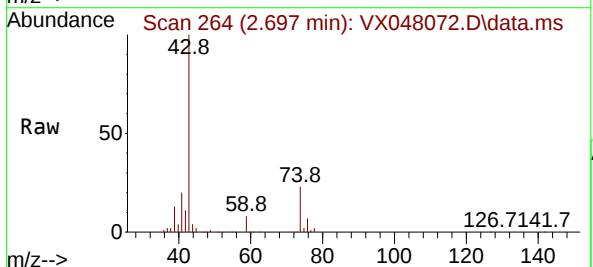
Acq: 09 Oct 2025 09:06

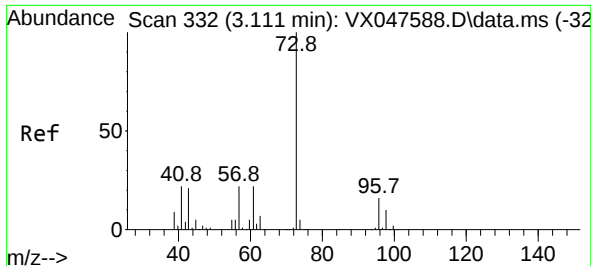
Tgt Ion: 43 Resp: 112820

Ion Ratio Lower Upper

43 100

74 21.4 17.4 26.2

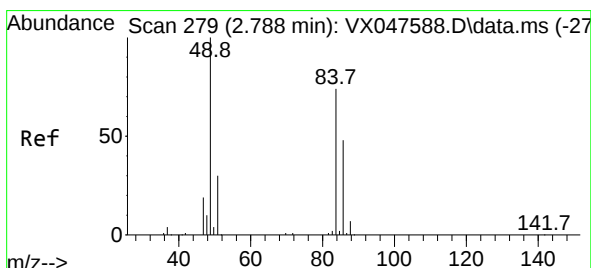
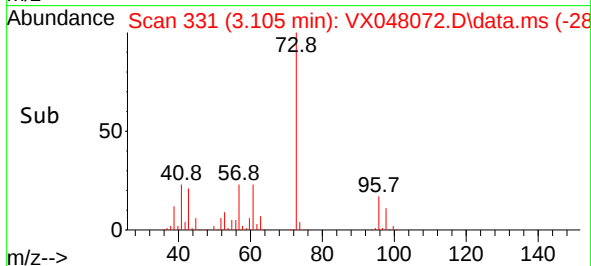
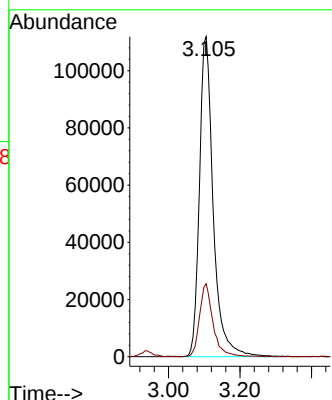
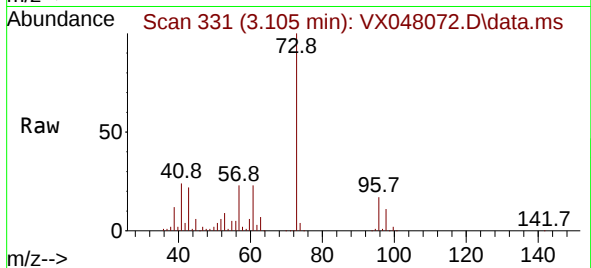




#19
Methyl tert-butyl Ether
Concen: 51.483 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

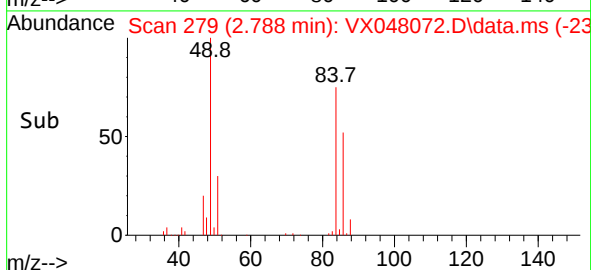
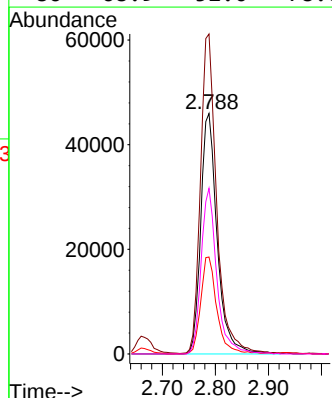
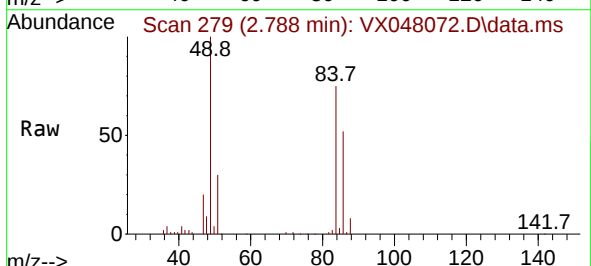
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

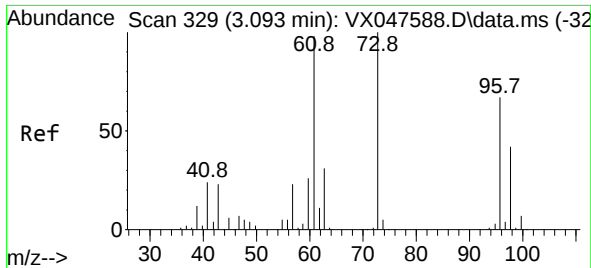
Tgt Ion: 73 Resp: 298962
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2



#20
Methylene Chloride
Concen: 50.689 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 84 Resp: 99425
Ion Ratio Lower Upper
84 100
49 132.9 108.6 162.8
51 40.3 32.6 48.8
86 68.9 52.0 78.0

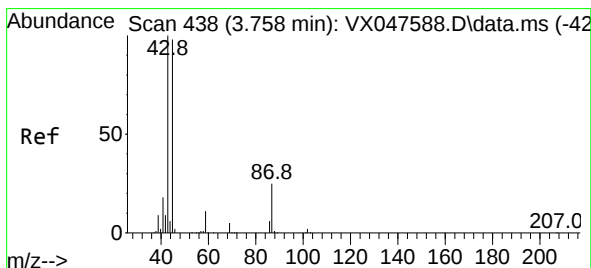
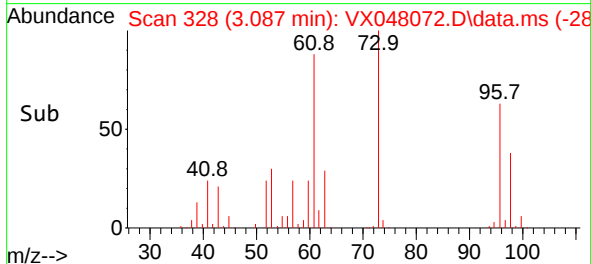
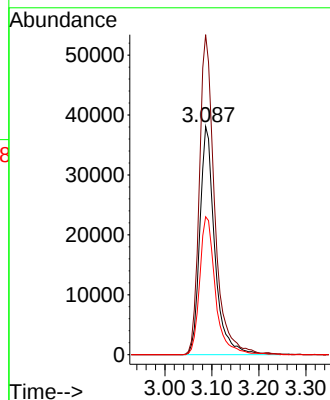
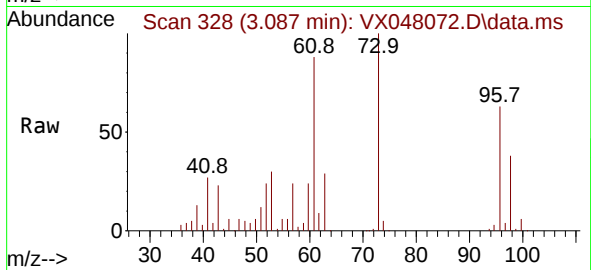




#21
trans-1,2-Dichloroethene
Concen: 49.217 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

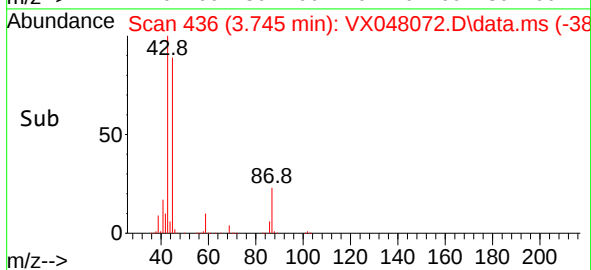
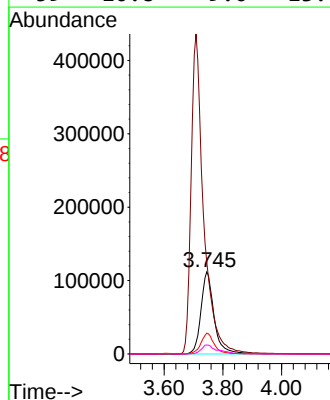
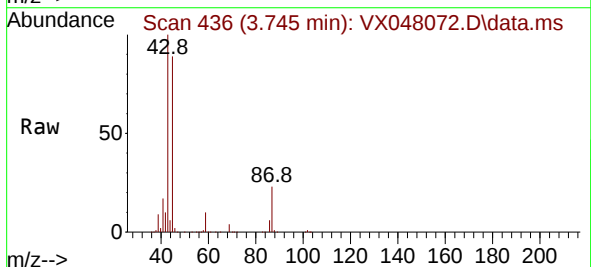
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

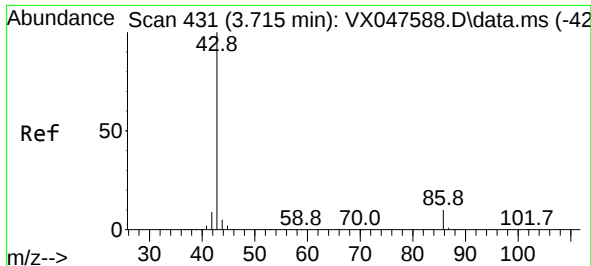
Tgt Ion: 96 Resp: 84291
Ion Ratio Lower Upper
96 100
61 140.3 116.2 174.2
98 60.5 49.3 73.9



#22
Diisopropyl ether
Concen: 54.272 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 45 Resp: 345267
Ion Ratio Lower Upper
45 100
43 111.8 81.0 121.4
87 25.3 20.3 30.5
59 10.8 9.0 13.4

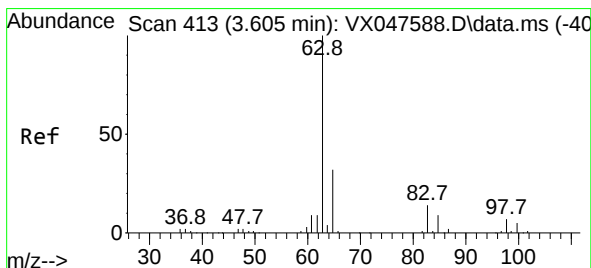
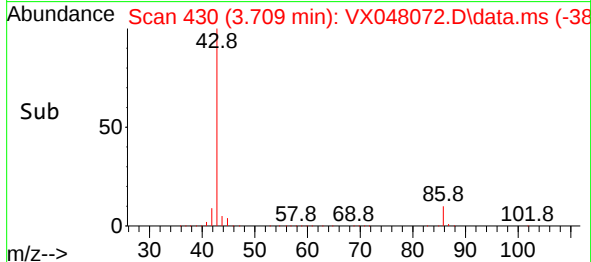
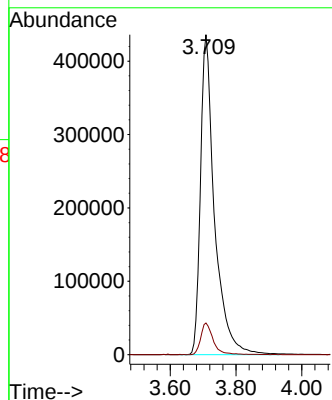
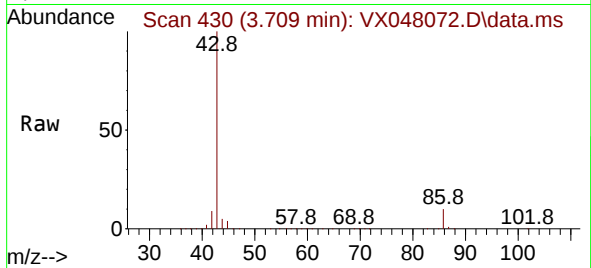




#23
 Vinyl Acetate
 Concen: 254.054 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX048072.D
 Acq: 09 Oct 2025 09:06

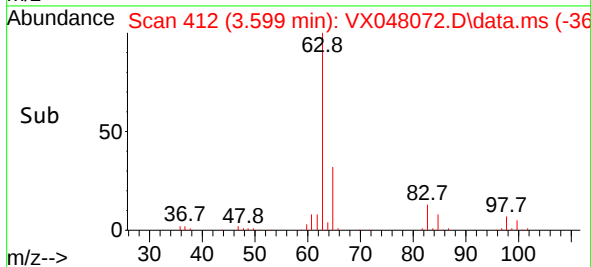
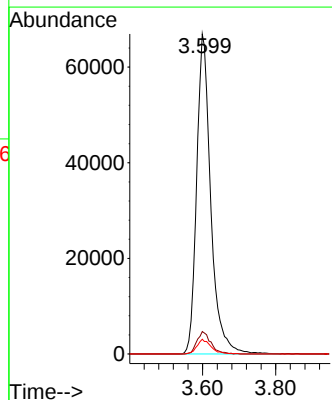
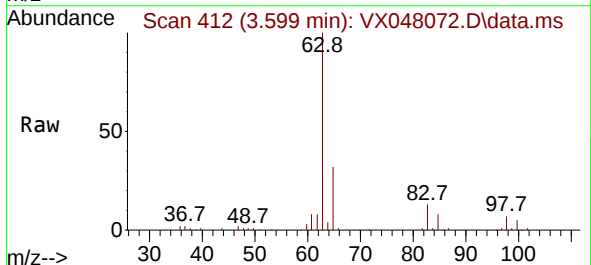
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

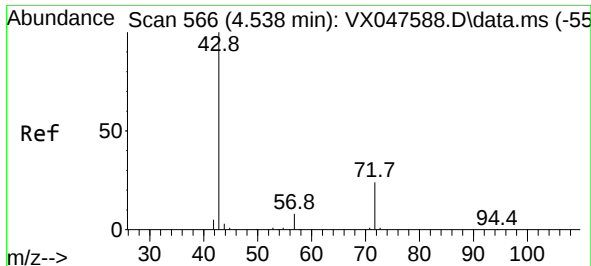
Tgt Ion: 43 Resp: 1293543
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 53.170 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048072.D
 Acq: 09 Oct 2025 09:06

Tgt Ion: 63 Resp: 179784
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.8 2.3 6.9

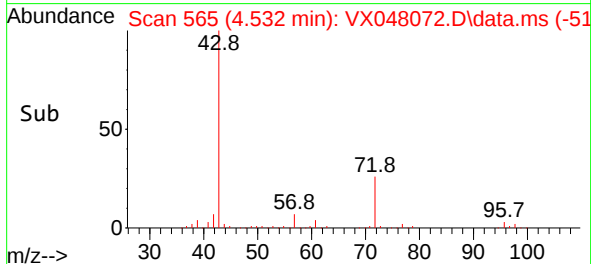
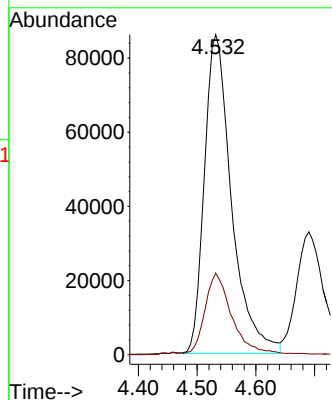
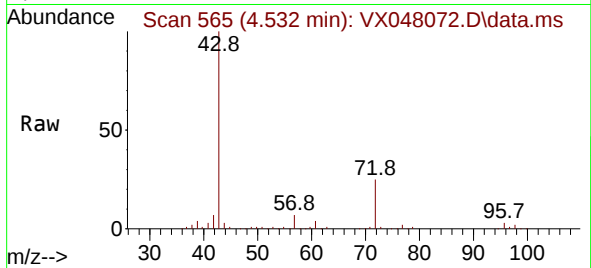




#25
2-Butanone
Concen: 239.067 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

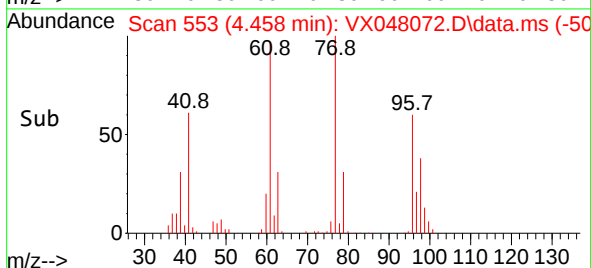
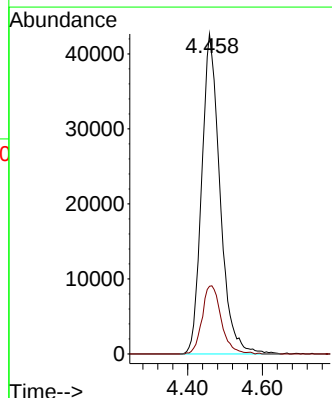
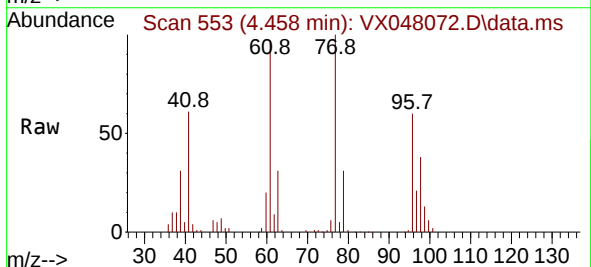
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

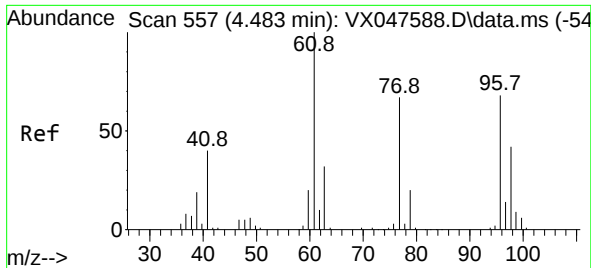
Tgt Ion: 43 Resp: 276334
Ion Ratio Lower Upper
43 100
72 25.0 20.1 30.1



#26
2,2-Dichloropropane
Concen: 51.551 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 77 Resp: 144896
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 51.774 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

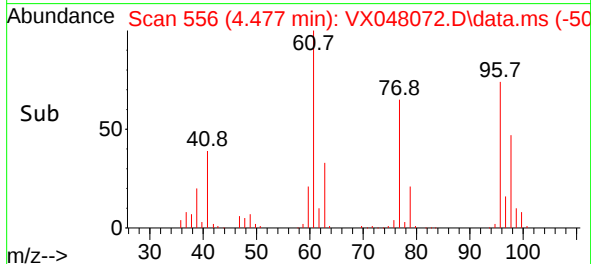
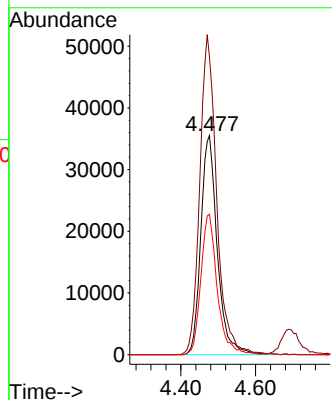
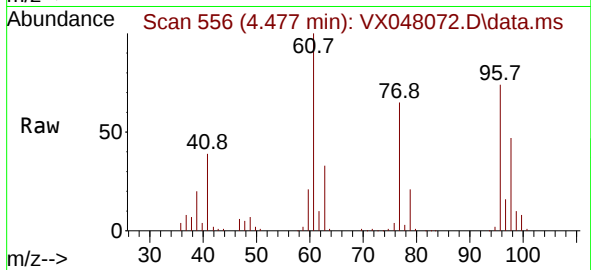
Tgt Ion: 96 Resp: 108592

Ion Ratio Lower Upper

96 100

61 149.7 0.0 303.2

98 63.7 0.0 127.8



#28

Bromochloromethane

Concen: 55.247 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

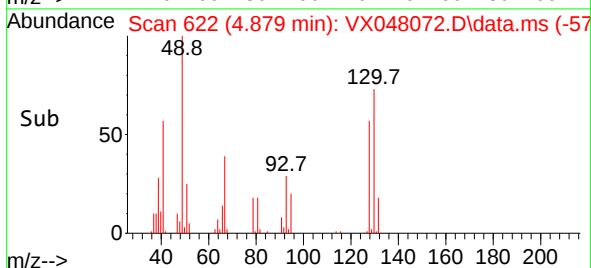
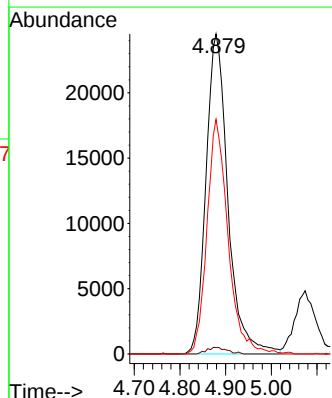
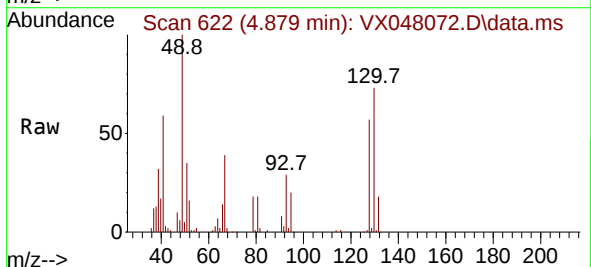
Tgt Ion: 49 Resp: 81555

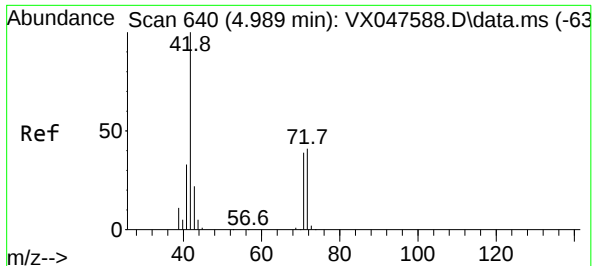
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.2

130 70.4 57.8 86.8





#29

Tetrahydrofuran

Concen: 224.312 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

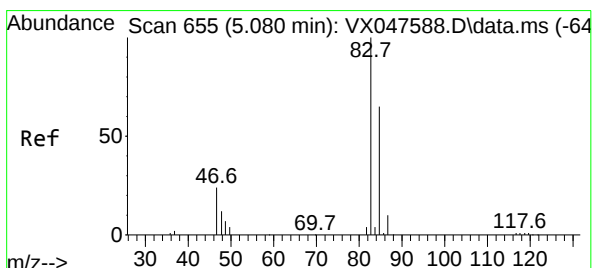
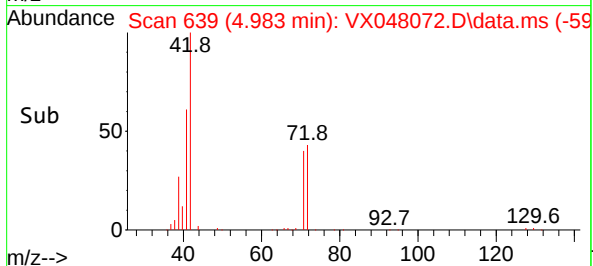
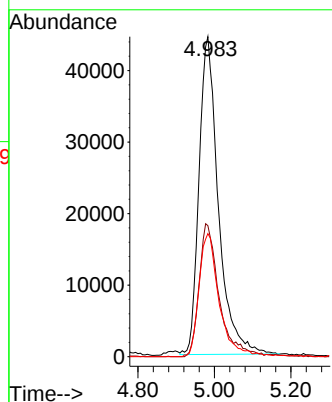
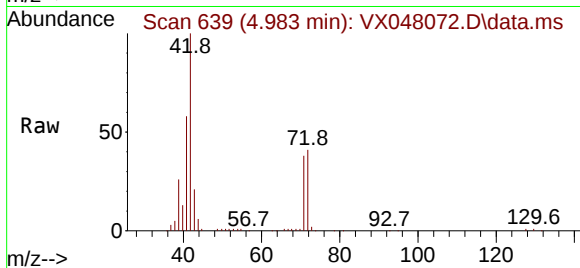
Tgt Ion: 42 Resp: 155976

Ion Ratio Lower Upper

42 100

72 43.3 34.2 51.2

71 39.9 31.9 47.9



#30

Chloroform

Concen: 55.097 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048072.D

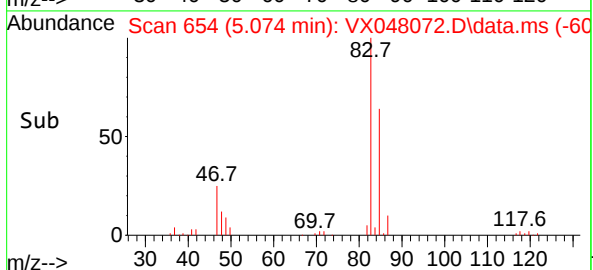
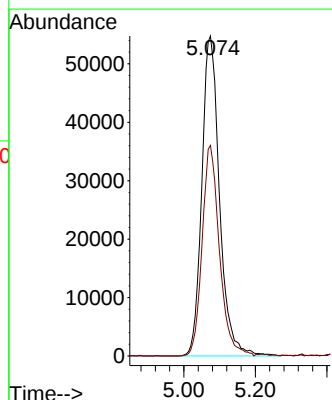
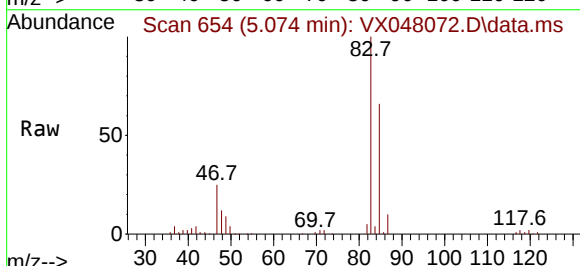
Acq: 09 Oct 2025 09:06

Tgt Ion: 83 Resp: 188262

Ion Ratio Lower Upper

83 100

85 65.8 51.8 77.6

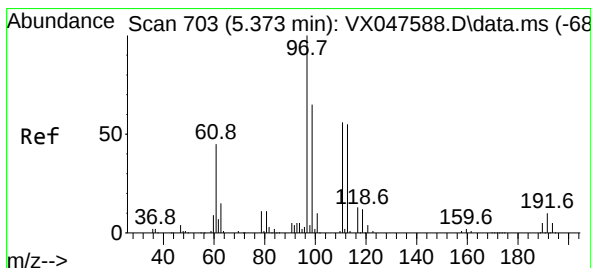
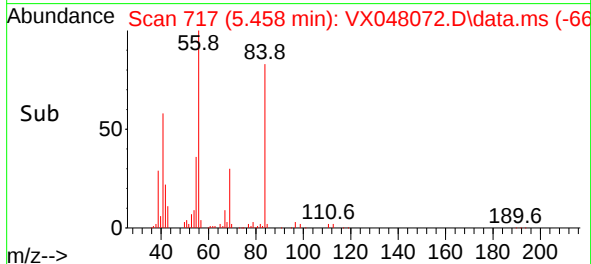
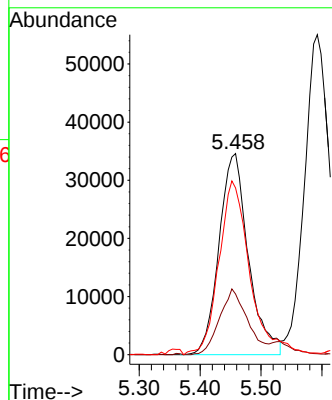
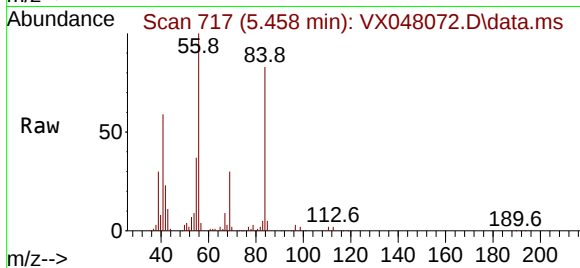




#31
Cyclohexane
Concen: 41.104 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

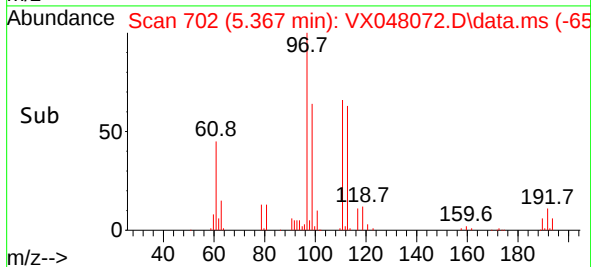
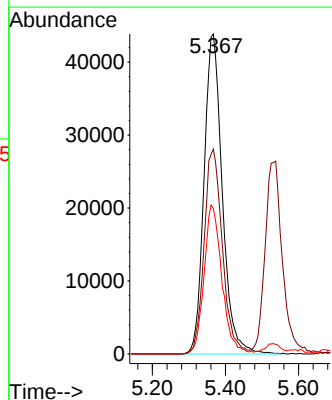
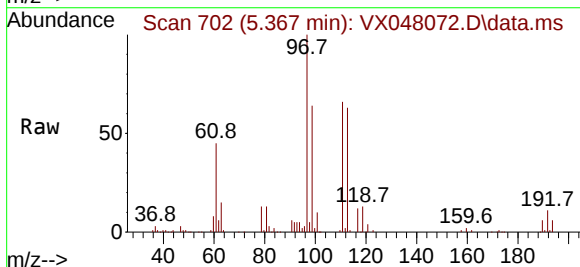
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 115758
Ion Ratio Lower Upper
56 100
69 29.7 23.8 35.8
84 80.3 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 52.303 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 97 Resp: 151590
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 45.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 54.510 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

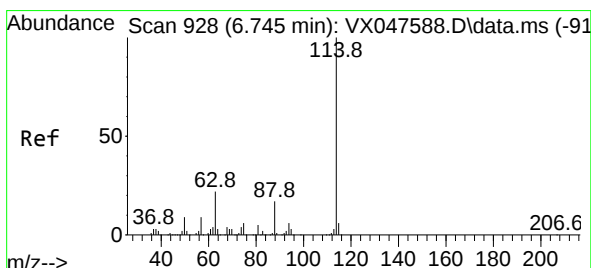
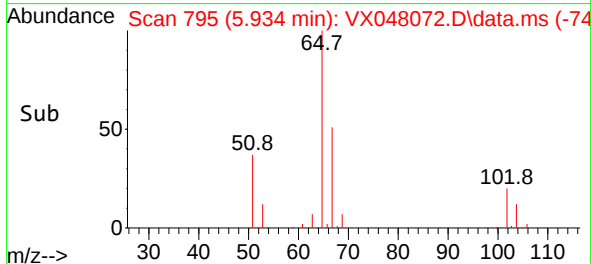
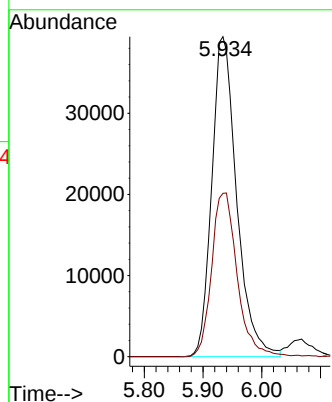
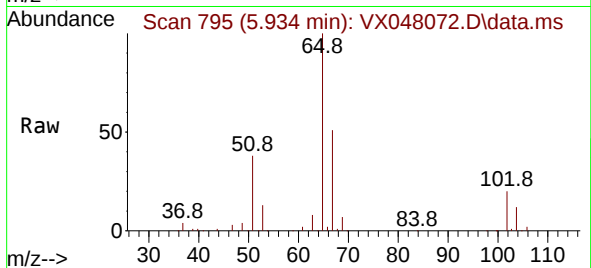
VSTDCCC050

Tgt Ion: 65 Resp: 116172

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

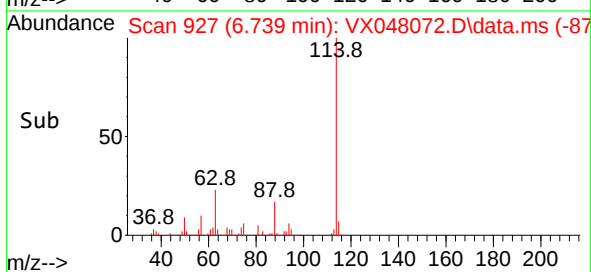
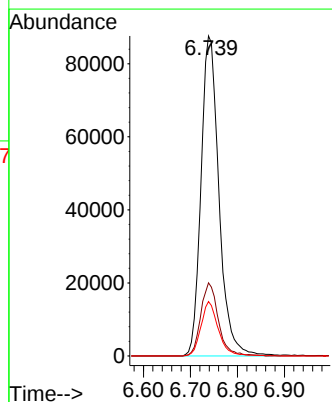
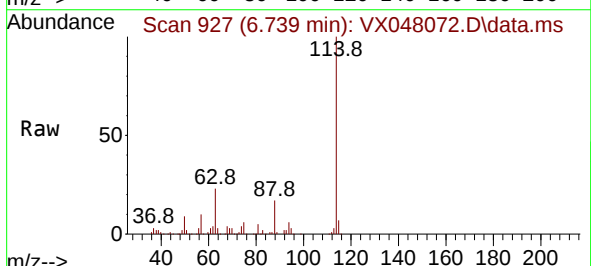
Tgt Ion: 114 Resp: 232812

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.0

88 17.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 58.882 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

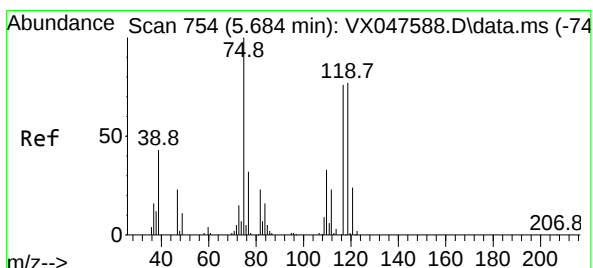
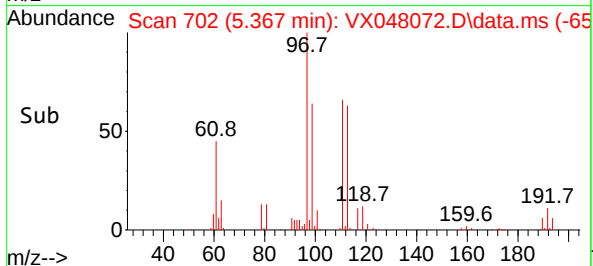
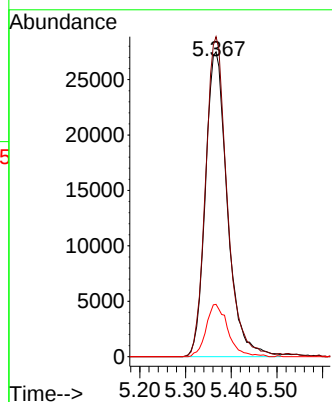
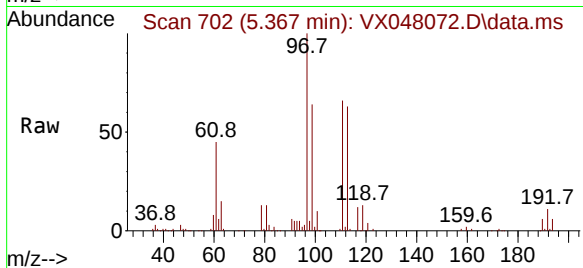
Tgt Ion:113 Resp: 91936

Ion Ratio Lower Upper

113 100

111 103.1 80.9 121.3

192 17.1 14.2 21.4



#36

1,1-Dichloropropene

Concen: 46.521 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

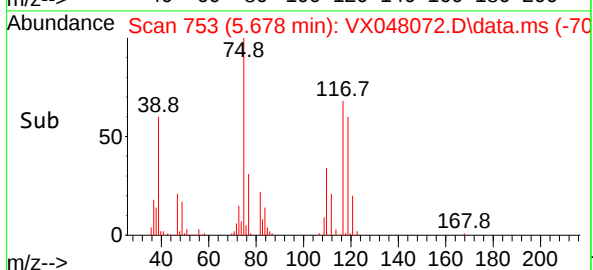
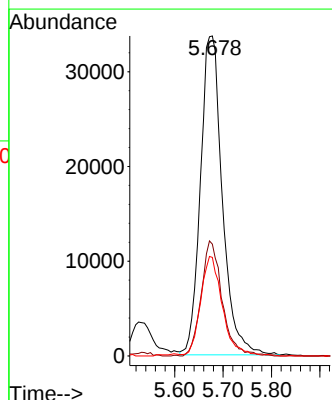
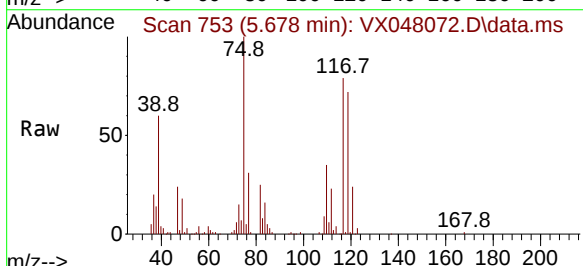
Tgt Ion: 75 Resp: 106138

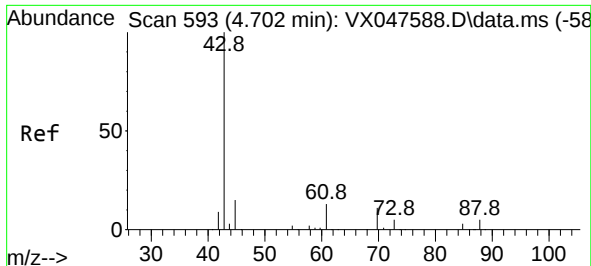
Ion Ratio Lower Upper

75 100

110 34.5 16.7 50.1

77 30.1 24.3 36.5





#37

Ethyl Acetate

Concen: 45.971 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.012 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

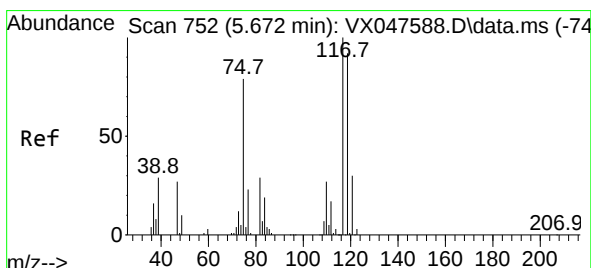
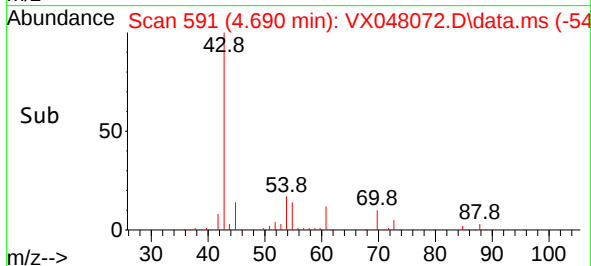
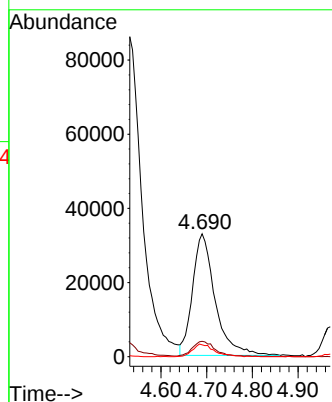
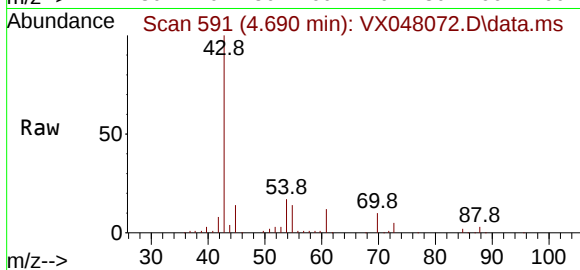
Tgt Ion: 43 Resp: 112300

Ion Ratio Lower Upper

43 100

61 12.2 9.8 14.8

70 9.8 7.9 11.9



#38

Carbon Tetrachloride

Concen: 50.811 ug/l

RT: 5.659 min Scan# 750

Delta R.T. -0.012 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

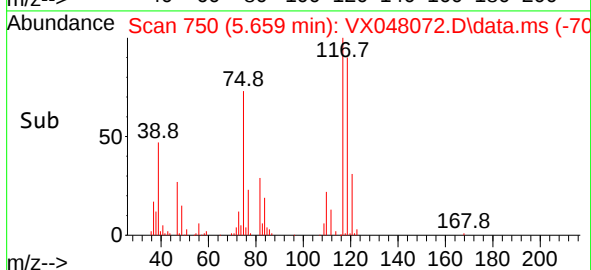
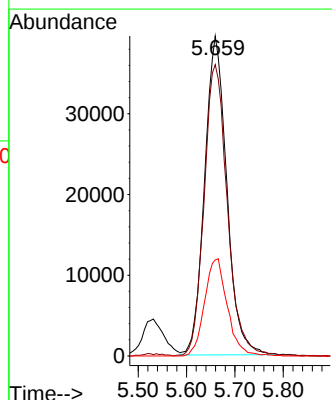
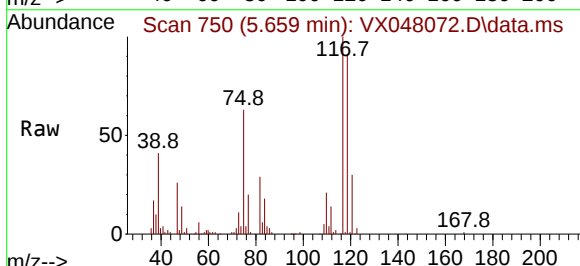
Tgt Ion: 117 Resp: 125955

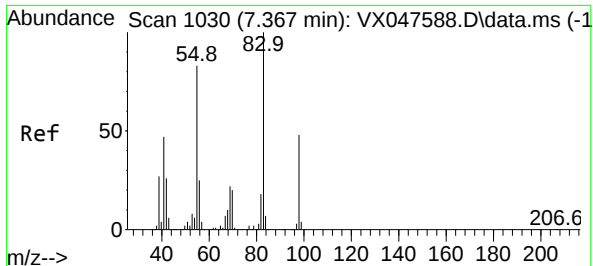
Ion Ratio Lower Upper

117 100

119 91.2 73.4 110.2

121 30.1 23.8 35.6





#39

Methylcyclohexane

Concen: 42.557 ug/l

RT: 7.360 min Scan# 110

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

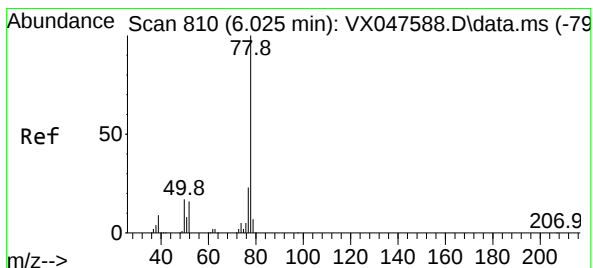
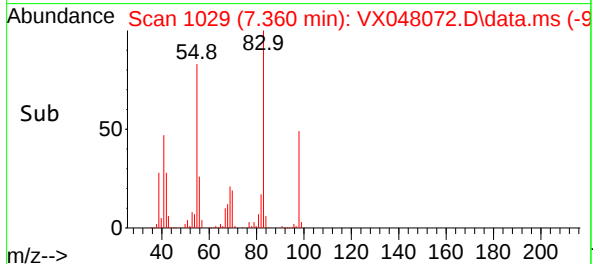
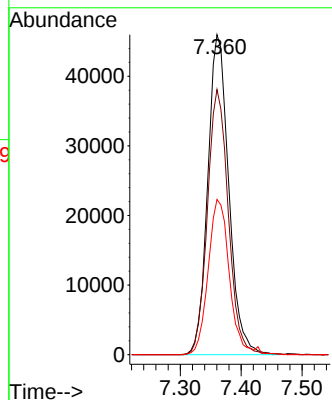
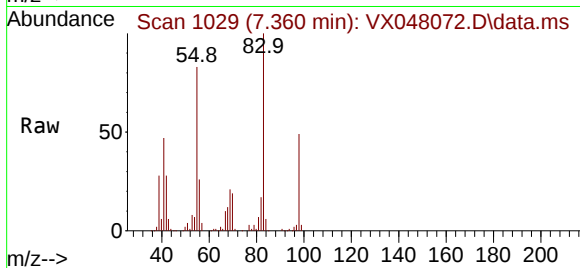
Tgt Ion: 83 Resp: 110215

Ion Ratio Lower Upper

83 100

55 82.9 66.4 99.6

98 48.5 38.1 57.1



#40

Benzene

Concen: 50.695 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048072.D

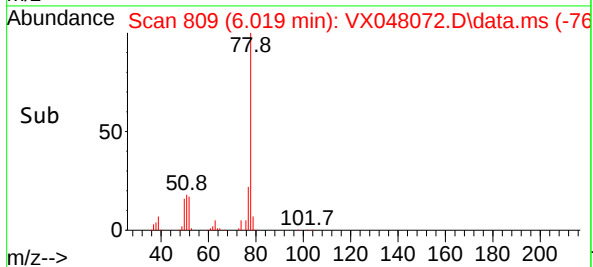
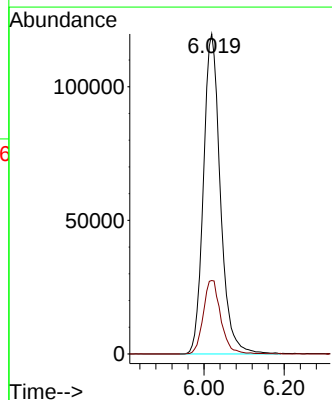
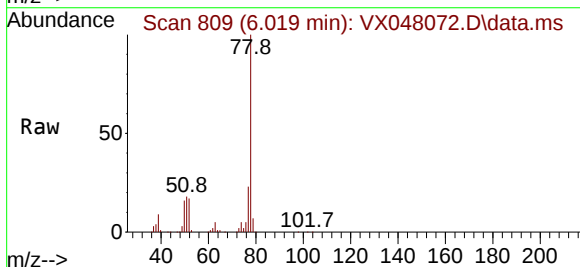
Acq: 09 Oct 2025 09:06

Tgt Ion: 78 Resp: 351292

Ion Ratio Lower Upper

78 100

77 23.0 18.8 28.2

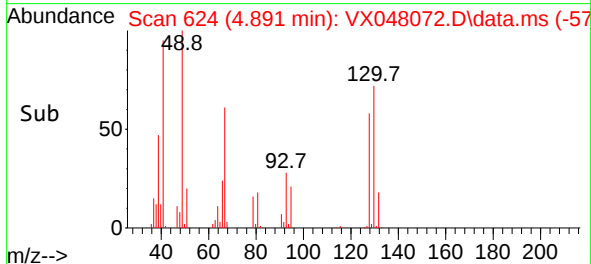
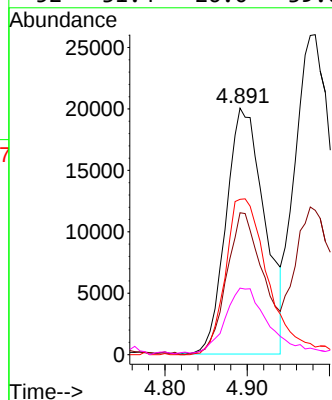
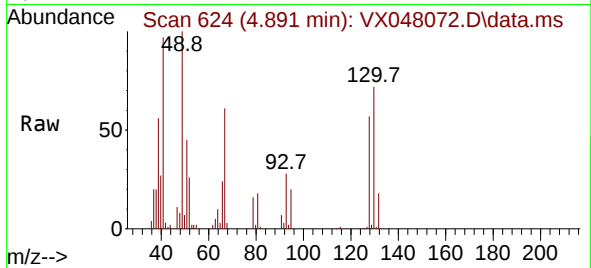




#41
Methacrylonitrile
Concen: 51.630 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

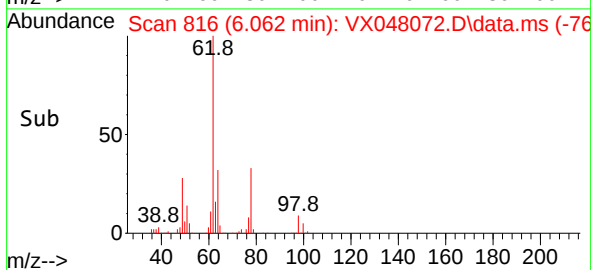
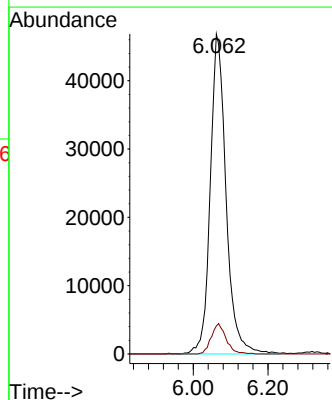
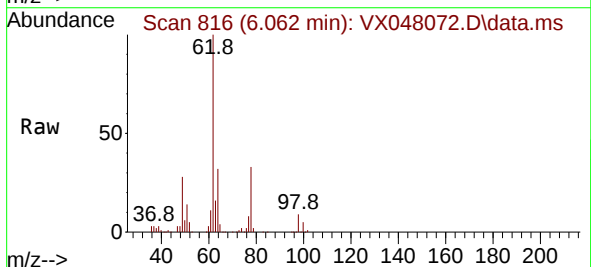
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	65112
Ion	Ratio	Lower	Upper
41	100		
39	55.4	43.3	64.9
67	71.6	58.6	87.8
52	31.4	26.0	39.0



#42
1,2-Dichloroethane
Concen: 52.161 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:	62	Resp:	137528
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.0

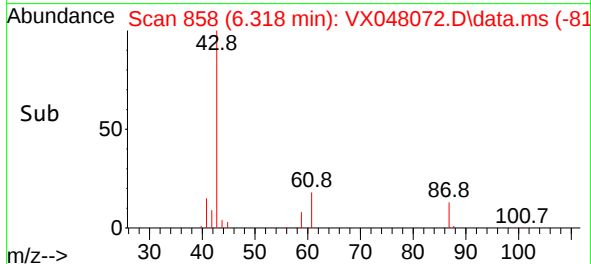
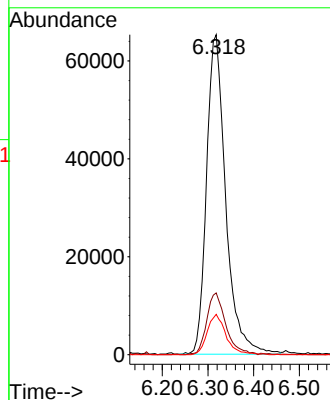
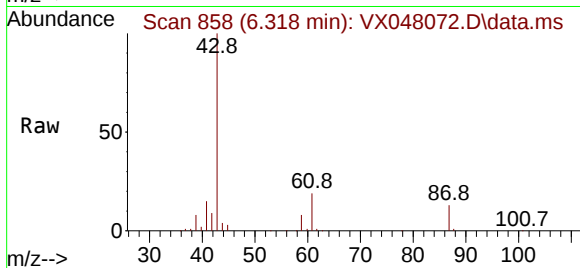




#43
Isopropyl Acetate
Concen: 47.447 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

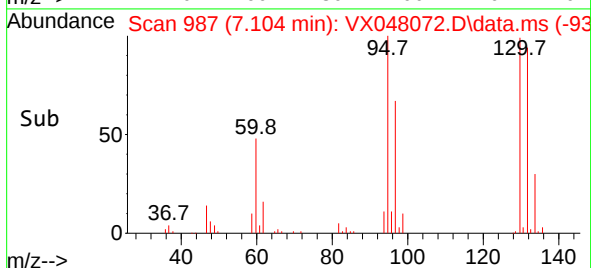
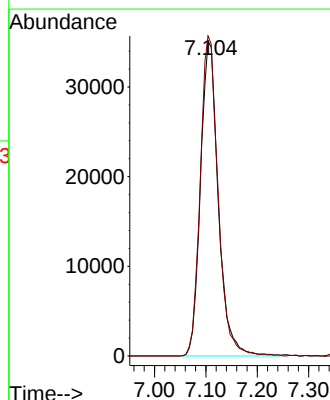
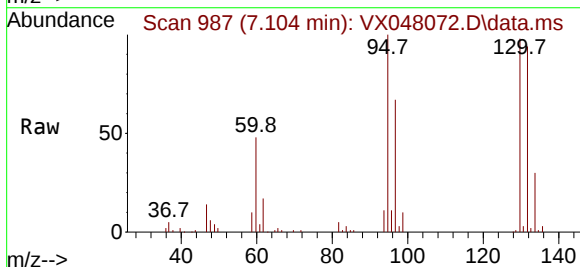
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

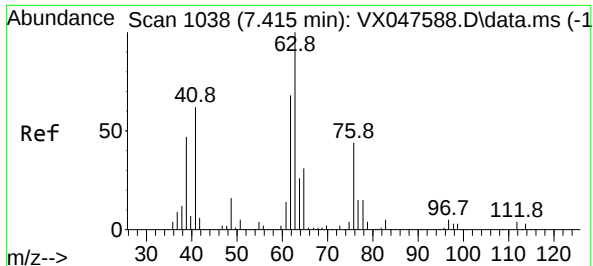
Tgt Ion: 43 Resp: 190095
Ion Ratio Lower Upper
43 100
61 19.2 15.2 22.8
87 12.4 9.6 14.4



#44
Trichloroethene
Concen: 50.345 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:130 Resp: 84344
Ion Ratio Lower Upper
130 100
95 101.7 0.0 210.8





#45

1,2-Dichloropropane

Concen: 54.087 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

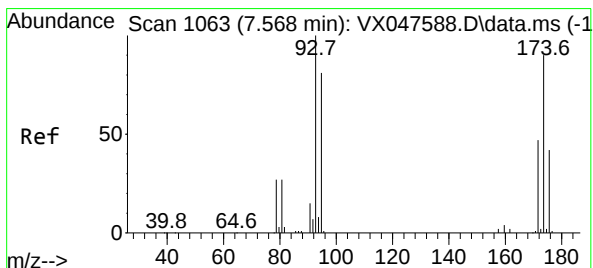
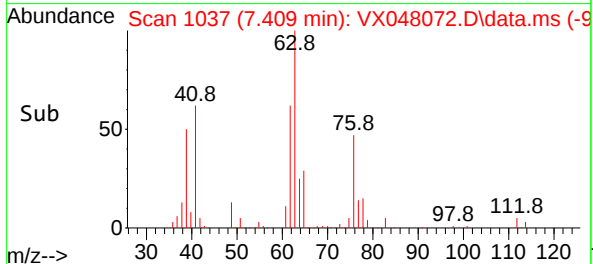
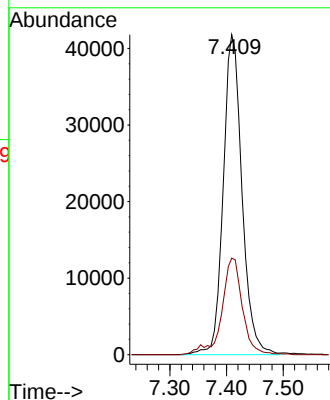
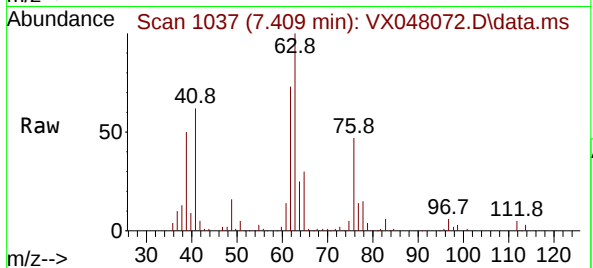
VSTDCCC050

Tgt Ion: 63 Resp: 95971

Ion Ratio Lower Upper

63 100

65 30.2 24.7 37.1



#46

Dibromomethane

Concen: 53.086 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

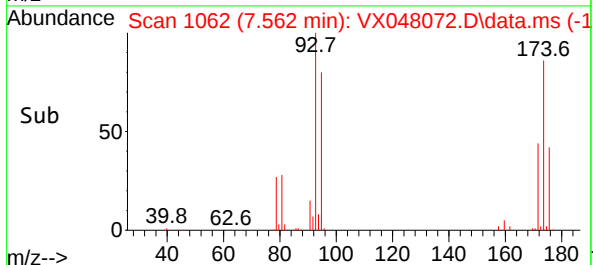
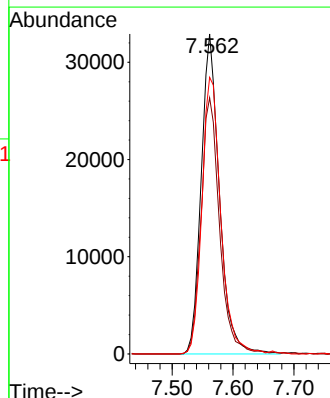
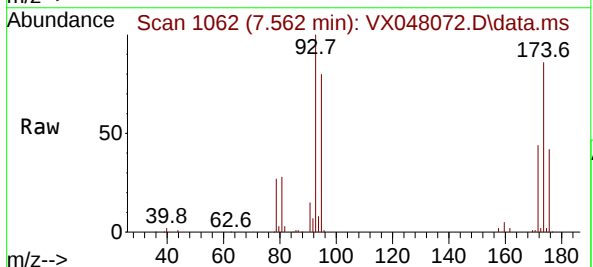
Tgt Ion: 93 Resp: 68547

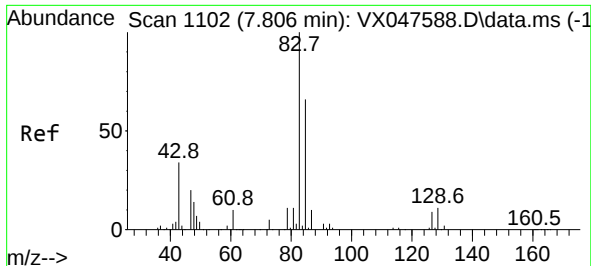
Ion Ratio Lower Upper

93 100

95 81.6 65.0 97.6

174 89.6 71.6 107.4

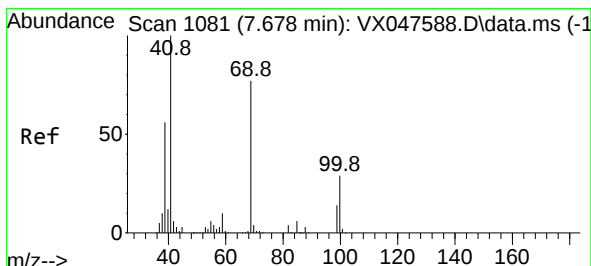
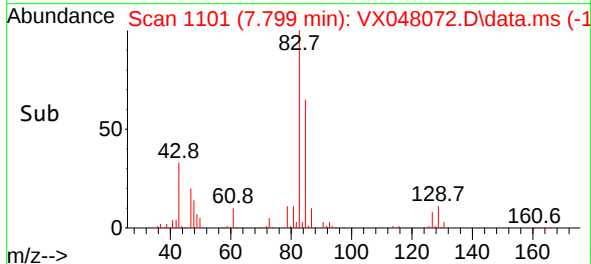
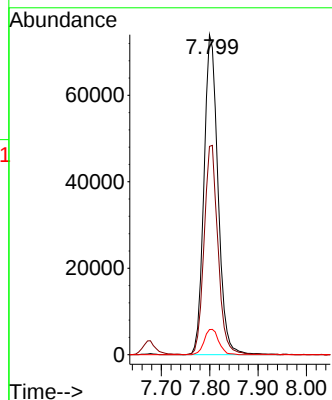
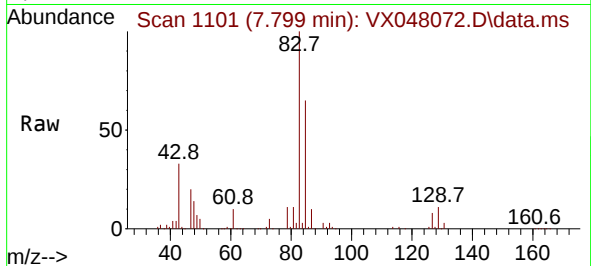




#47
Bromodichloromethane
Concen: 55.959 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

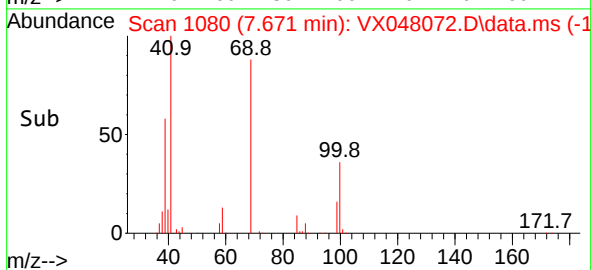
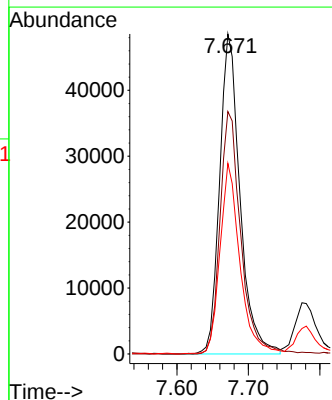
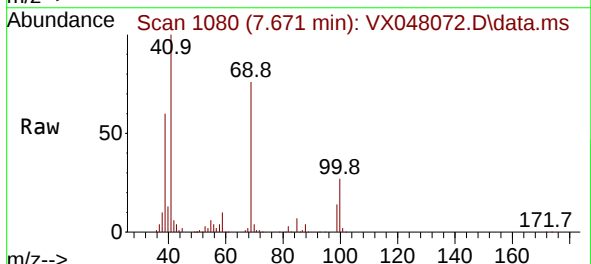
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 149105
Ion Ratio Lower Upper
83 100
85 65.1 52.5 78.7
127 7.8 6.9 10.3



#48
Methyl methacrylate
Concen: 48.122 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 41 Resp: 96035
Ion Ratio Lower Upper
41 100
69 77.6 61.4 92.2
39 58.4 45.8 68.6





#49

1,4-Dioxane

Concen: 1078.083 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

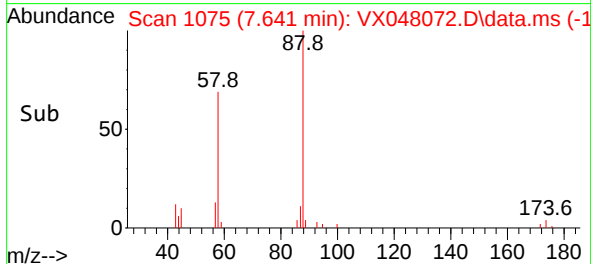
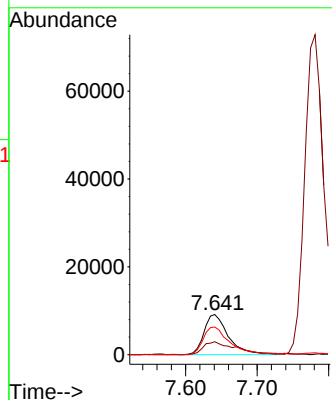
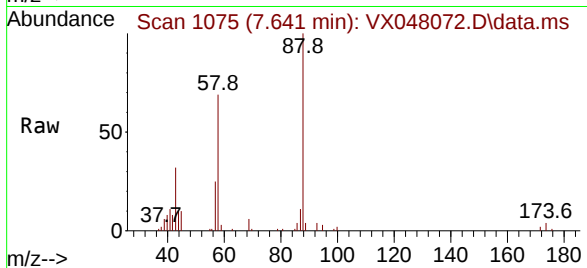
Tgt Ion: 88 Resp: 21743

Ion Ratio Lower Upper

88 100

43 42.6 30.2 45.2

58 73.2 59.5 89.3



#50

Toluene-d8

Concen: 54.570 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048072.D

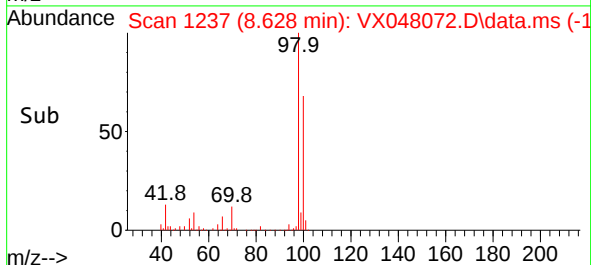
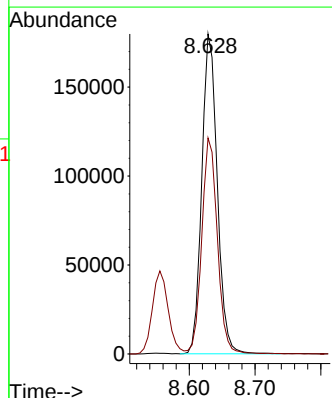
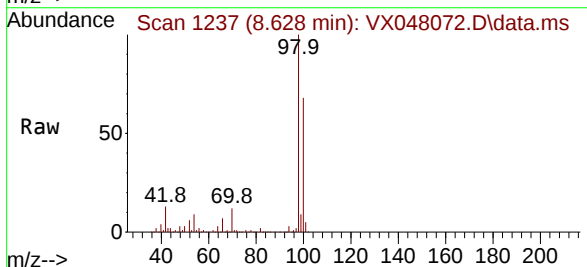
Acq: 09 Oct 2025 09:06

Tgt Ion: 98 Resp: 294822

Ion Ratio Lower Upper

98 100

100 68.3 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 246.669 ug/l

RT: 8.555 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

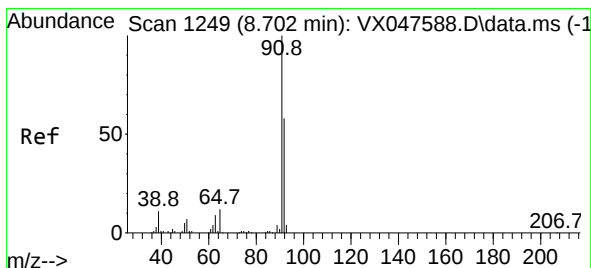
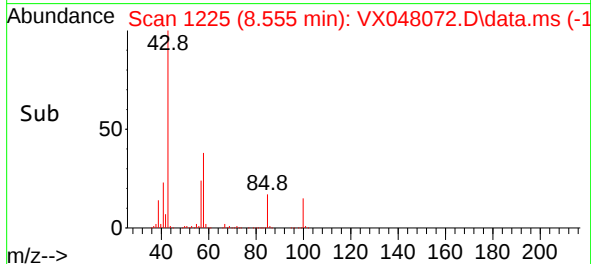
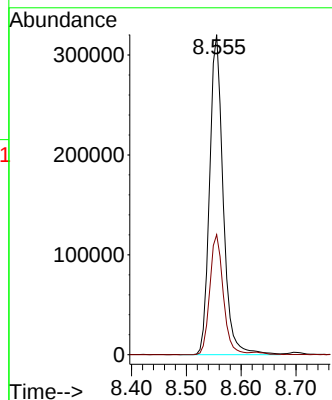
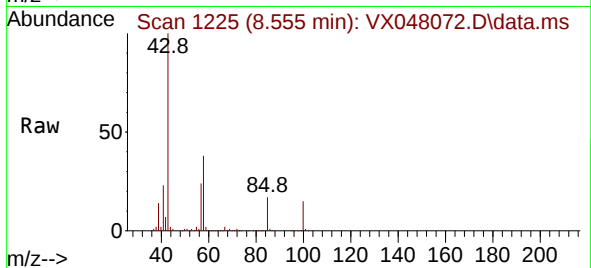
VSTDCCC050

Tgt Ion: 43 Resp: 547938

Ion Ratio Lower Upper

43 100

58 37.4 30.3 45.5



#52

Toluene

Concen: 50.478 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048072.D

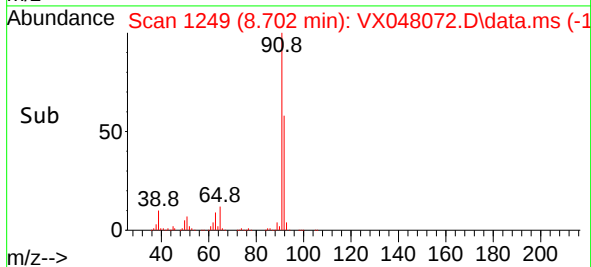
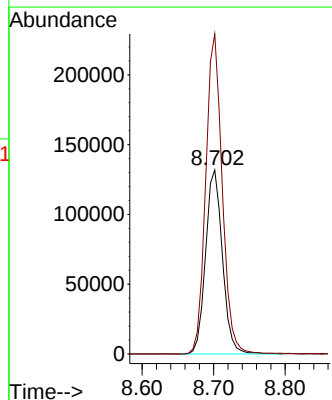
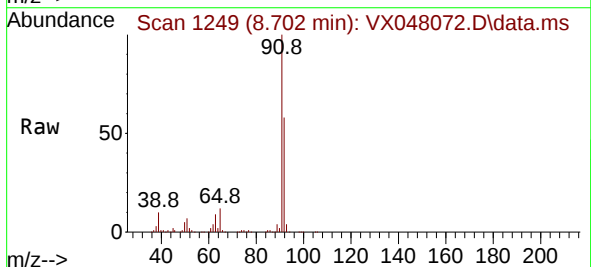
Acq: 09 Oct 2025 09:06

Tgt Ion: 92 Resp: 215506

Ion Ratio Lower Upper

92 100

91 170.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 52.219 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

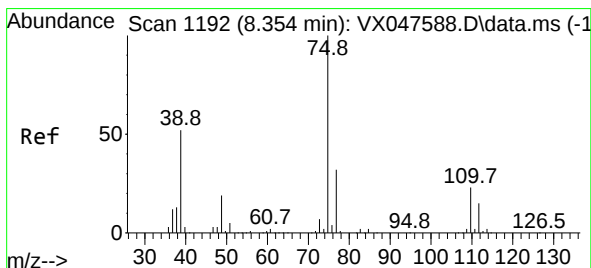
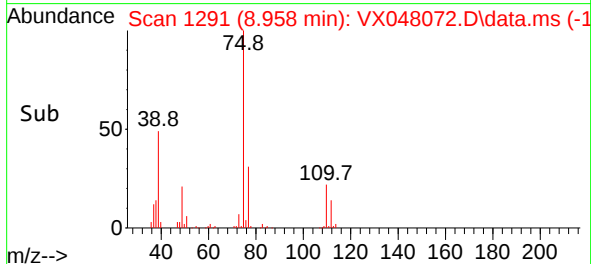
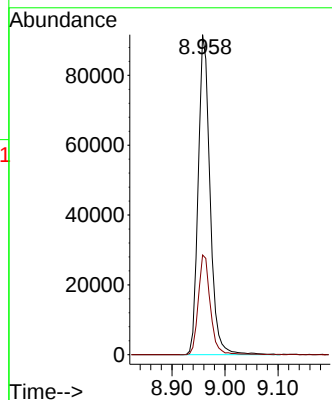
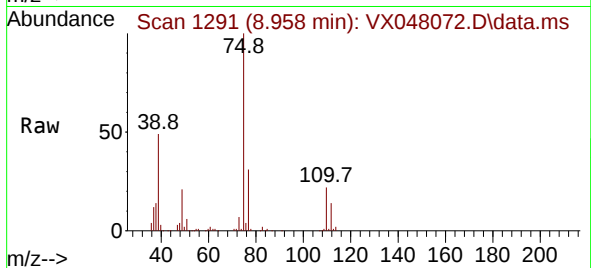
VSTDCCC050

Tgt Ion: 75 Resp: 141924

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.981 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

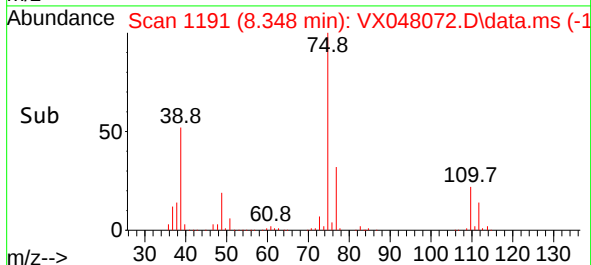
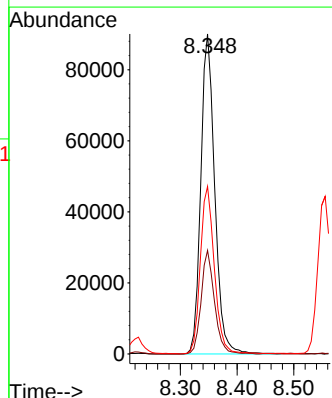
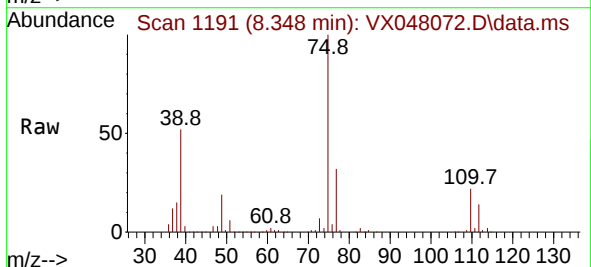
Tgt Ion: 75 Resp: 153909

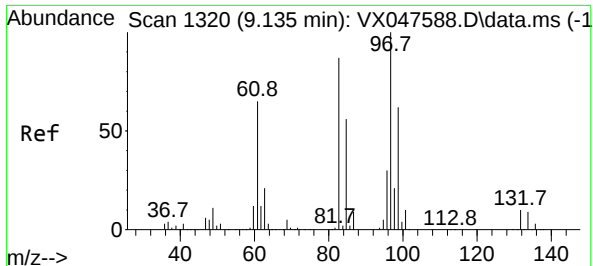
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

39 52.4 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 54.809 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 90228

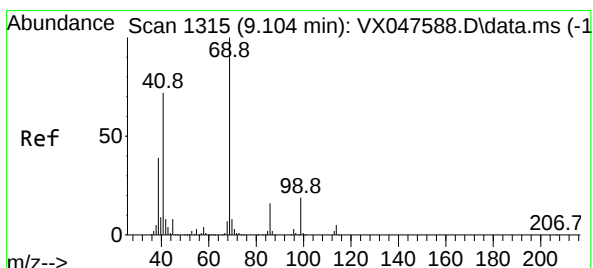
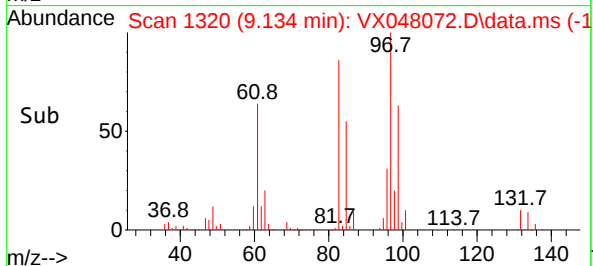
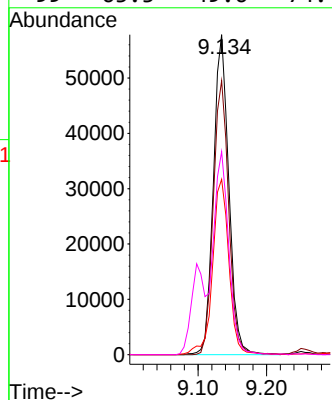
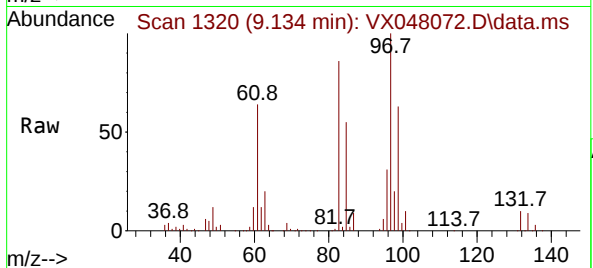
Ion Ratio Lower Upper

97 100

83 85.6 69.6 104.4

85 54.6 45.0 67.6

99 63.3 49.6 74.4



#56

Ethyl methacrylate

Concen: 49.904 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

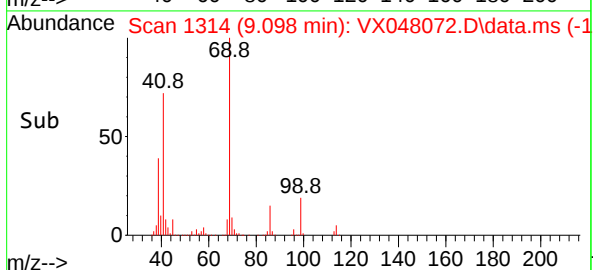
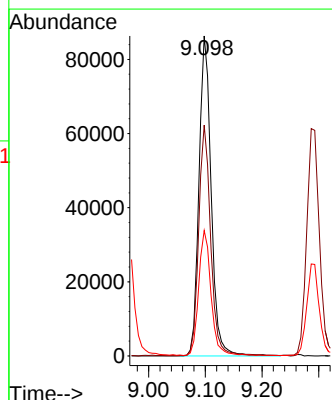
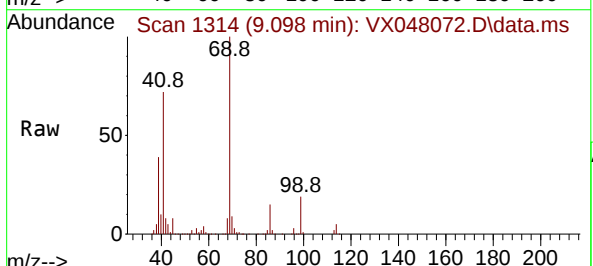
Tgt Ion: 69 Resp: 129018

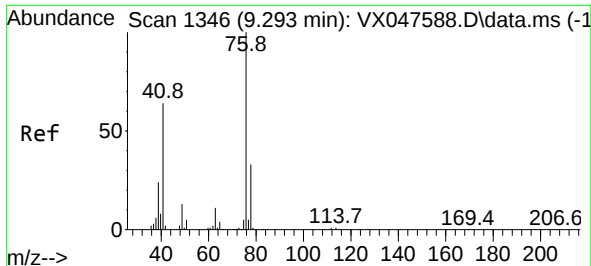
Ion Ratio Lower Upper

69 100

41 70.6 58.6 87.8

39 39.4 31.5 47.3

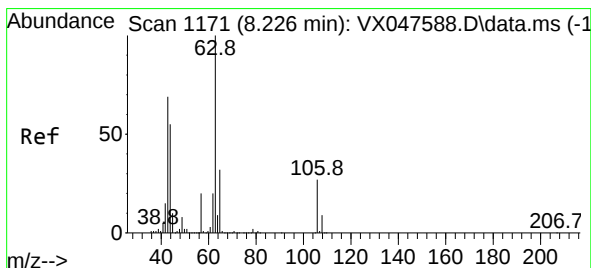
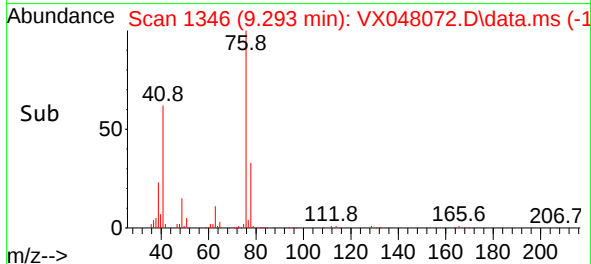
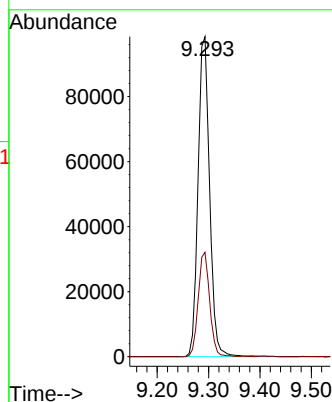
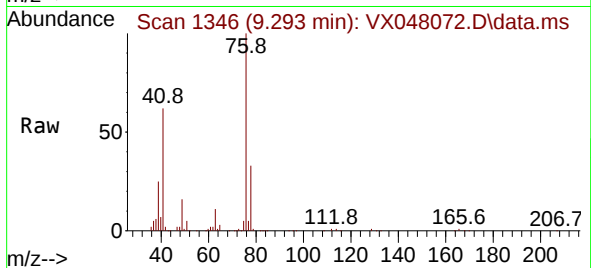




#57
1,3-Dichloropropane
Concen: 54.392 ug/l
RT: 9.293 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

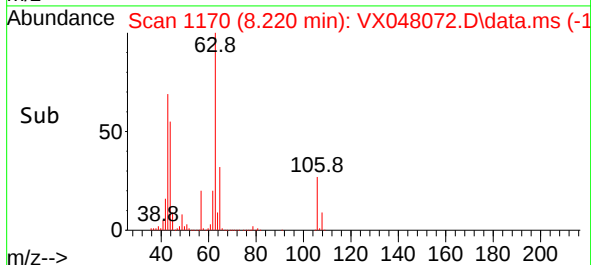
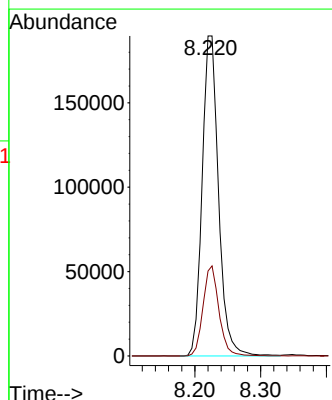
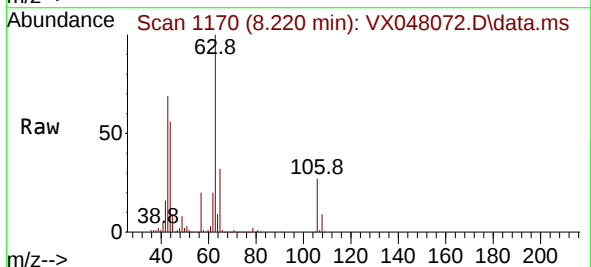
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

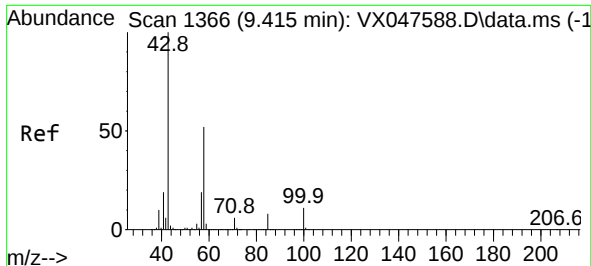
Tgt Ion: 76 Resp: 153817
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 264.840 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 63 Resp: 328449
Ion Ratio Lower Upper
63 100
106 27.3 21.9 32.9





#59

2-Hexanone

Concen: 236.316 ug/l

RT: 9.415 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

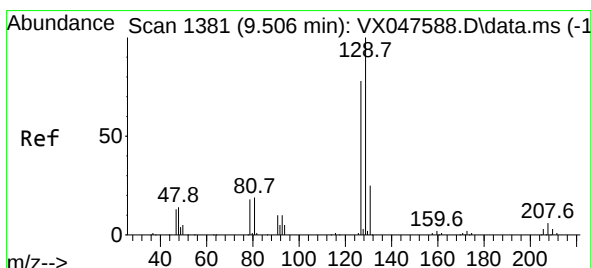
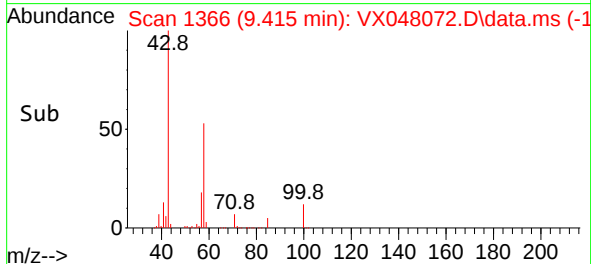
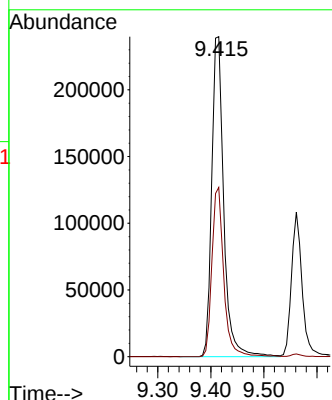
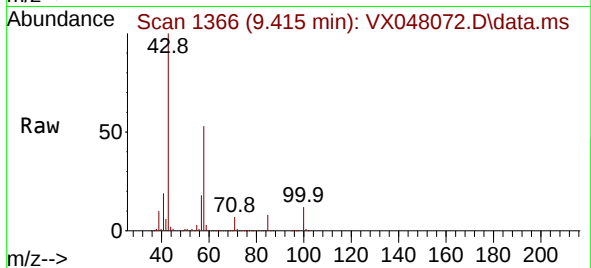
VSTDCCC050

Tgt Ion: 43 Resp: 377013

Ion Ratio Lower Upper

43 100

58 52.3 26.1 78.2



#60

Dibromochloromethane

Concen: 57.636 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VX048072.D

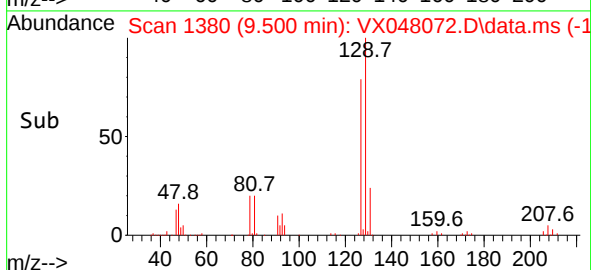
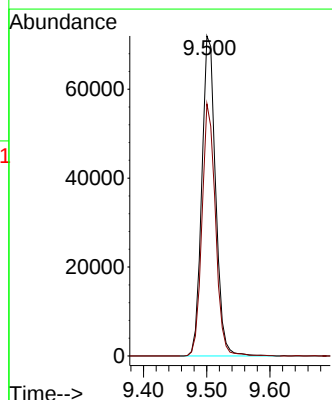
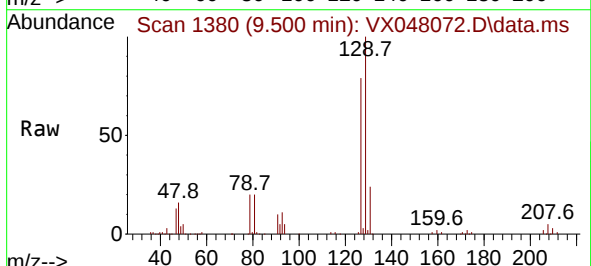
Acq: 09 Oct 2025 09:06

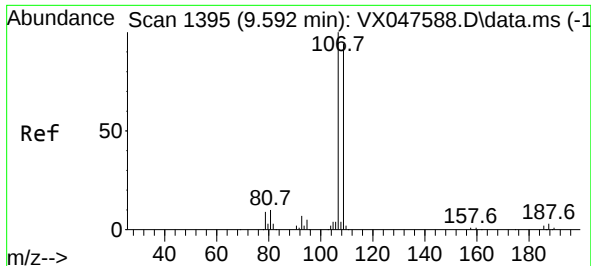
Tgt Ion:129 Resp: 109325

Ion Ratio Lower Upper

129 100

127 77.3 38.4 115.2

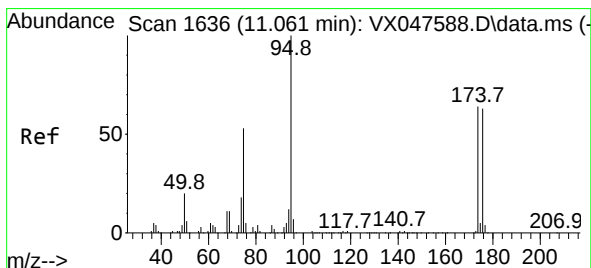
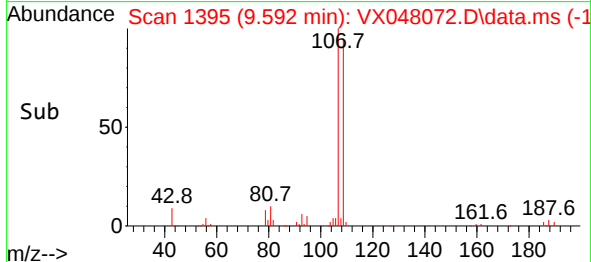
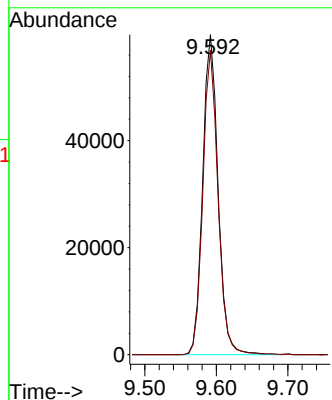
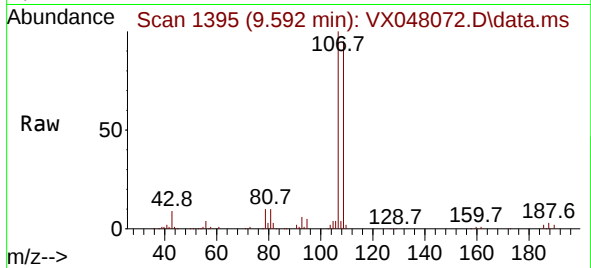




#61
1,2-Dibromoethane
Concen: 53.316 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

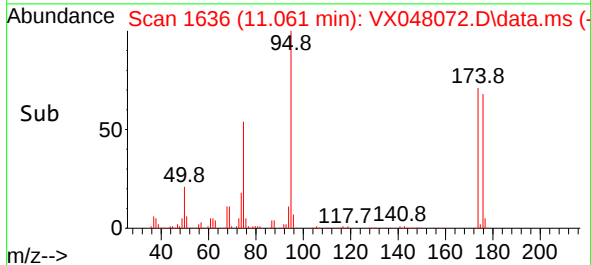
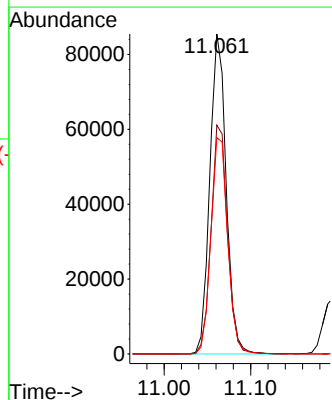
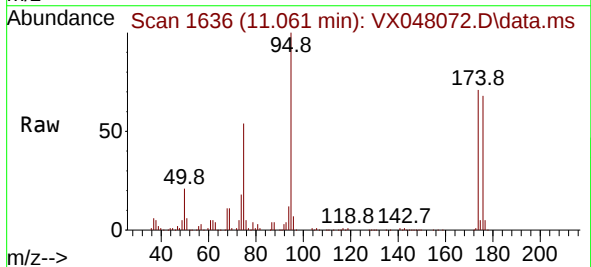
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 89398
Ion Ratio Lower Upper
107 100
109 93.8 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 54.587 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 95 Resp: 111926
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.4 0.0 138.4

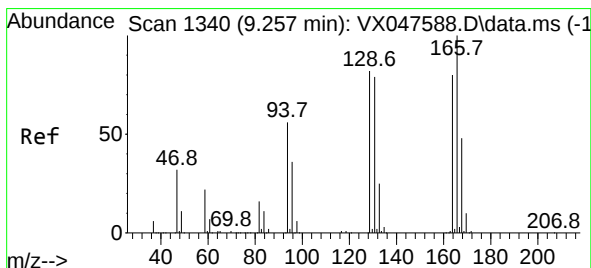
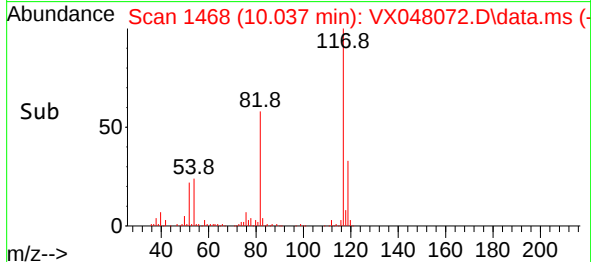
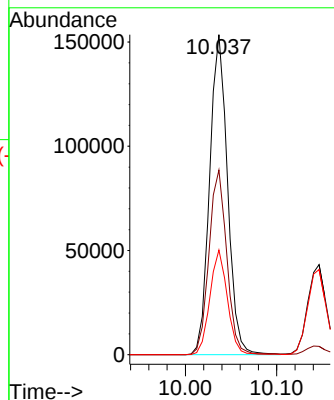
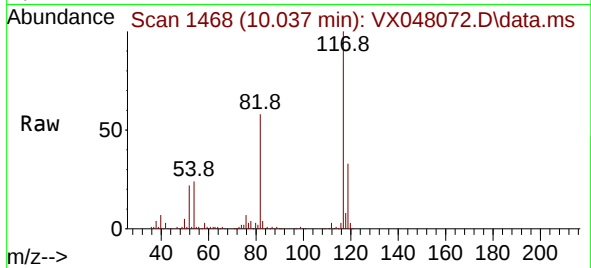




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

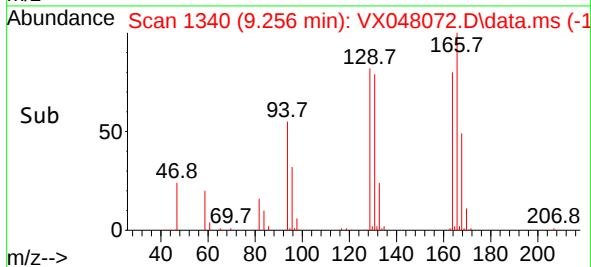
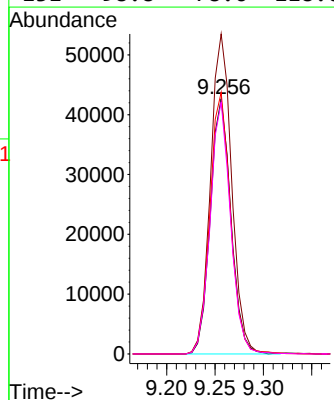
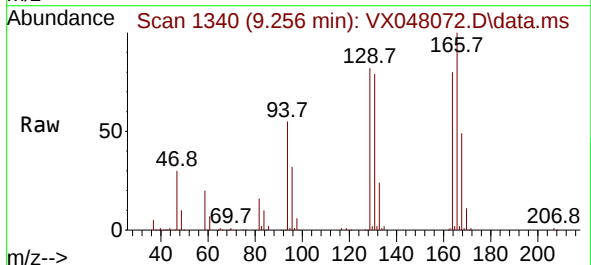
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

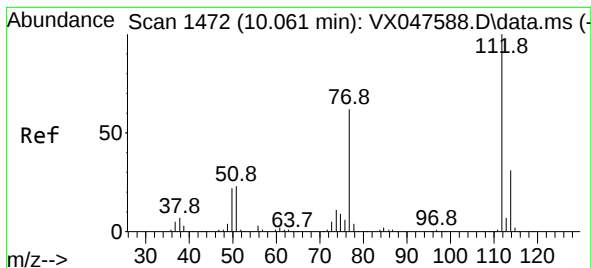
Tgt Ion:117 Resp: 208761
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 32.7 25.2 37.8



#64
Tetrachloroethene
Concen: 46.503 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:164 Resp: 63286
Ion Ratio Lower Upper
164 100
166 125.5 100.2 150.2
129 102.6 81.8 122.6
131 98.8 78.6 118.0

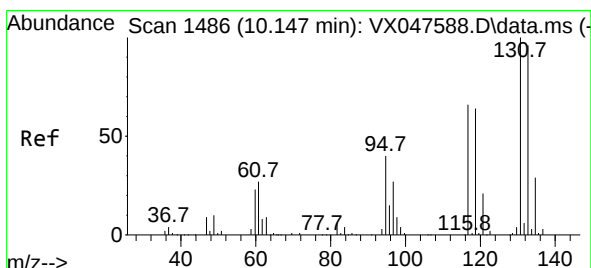
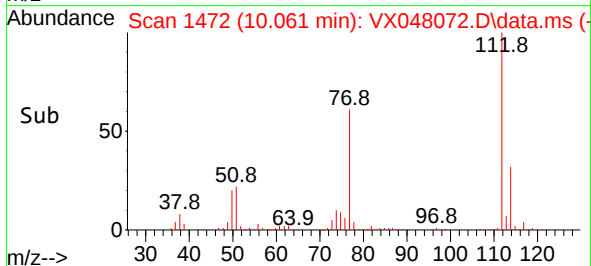
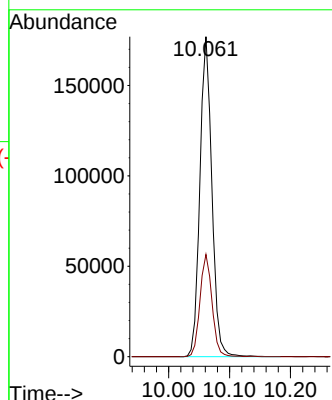
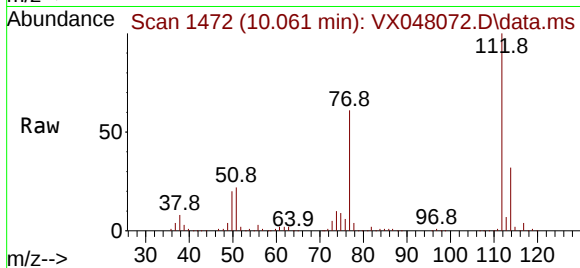




#65
Chlorobenzene
Concen: 50.846 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

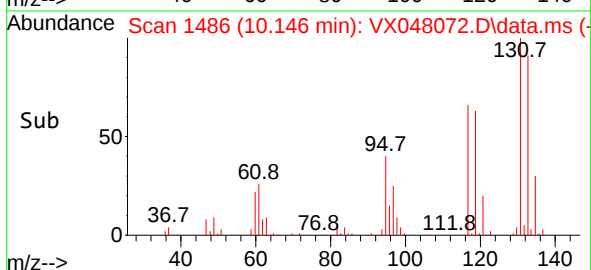
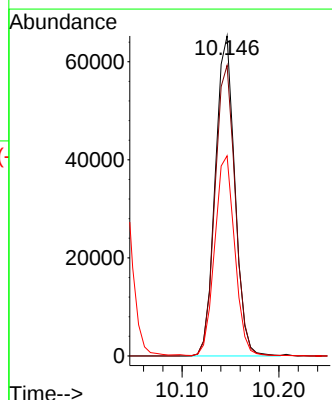
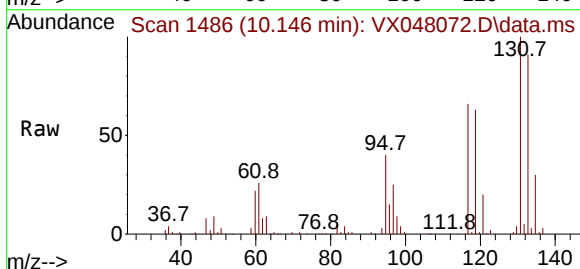
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 241146
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.925 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:131 Resp: 91525
Ion Ratio Lower Upper
131 100
133 94.0 47.3 142.0
119 64.3 32.0 96.0





#67

Ethyl Benzene

Concen: 49.538 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

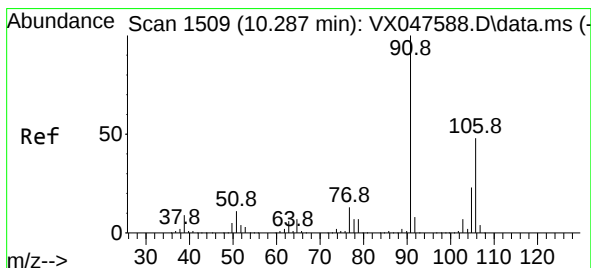
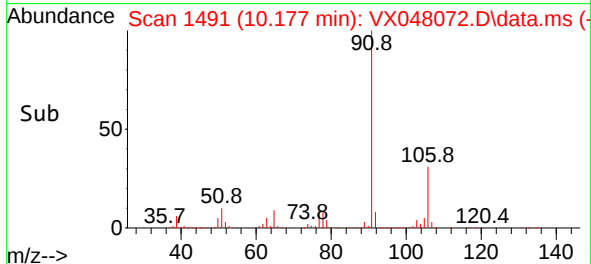
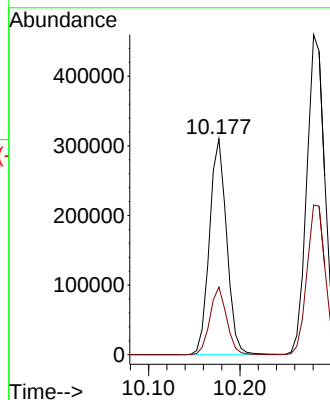
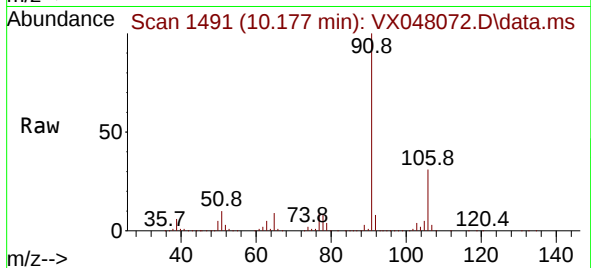
VSTDCCC050

Tgt Ion: 91 Resp: 405378

Ion Ratio Lower Upper

91 100

106 31.4 24.3 36.5



#68

m/p-Xylenes

Concen: 99.667 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048072.D

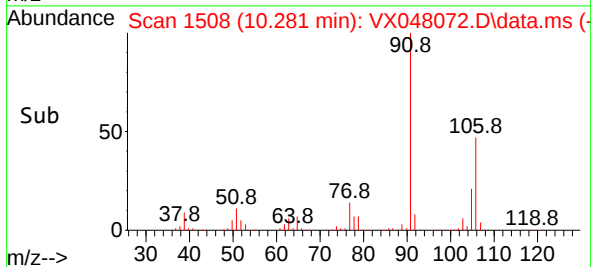
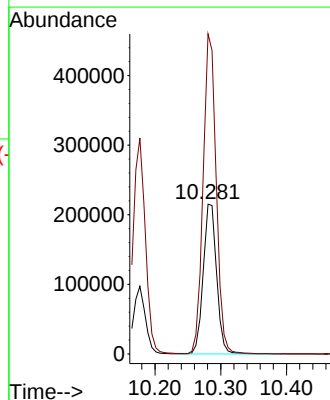
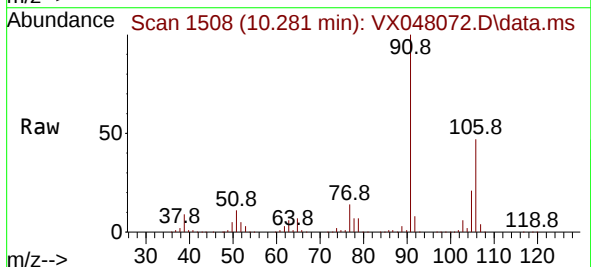
Acq: 09 Oct 2025 09:06

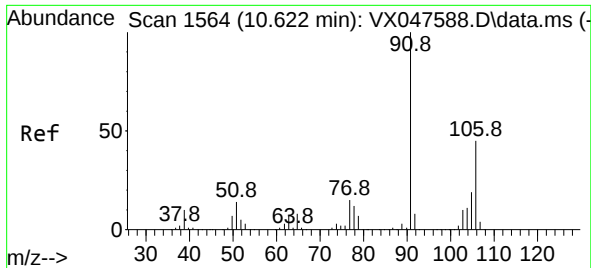
Tgt Ion:106 Resp: 303568

Ion Ratio Lower Upper

106 100

91 209.7 167.8 251.8

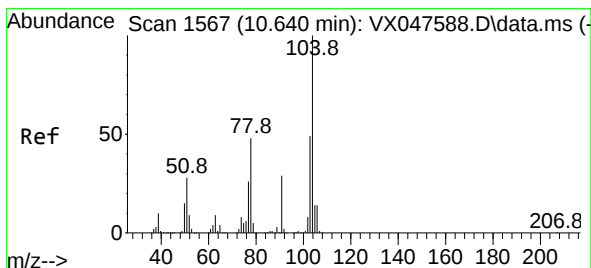
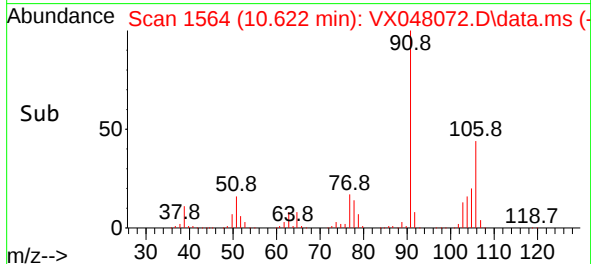
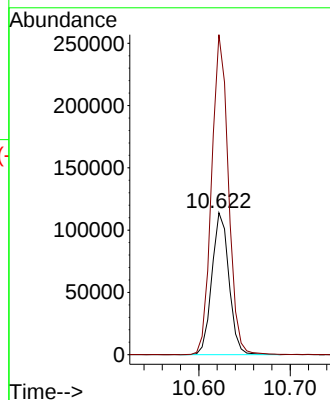
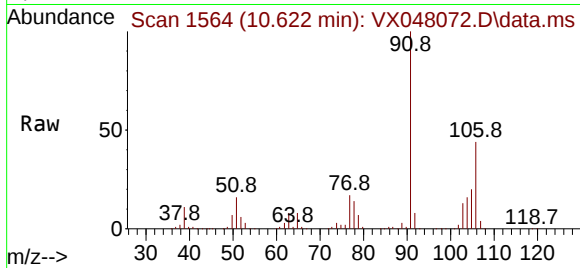




#69
o-Xylene
Concen: 49.964 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

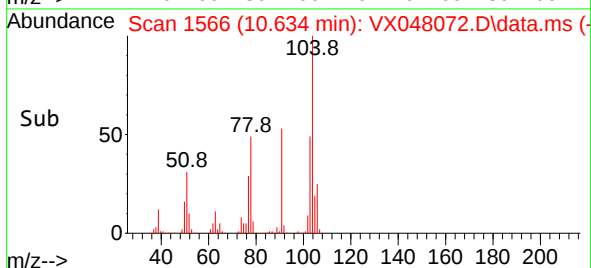
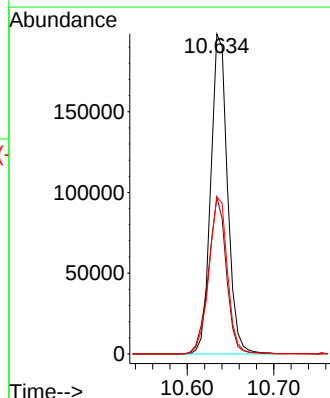
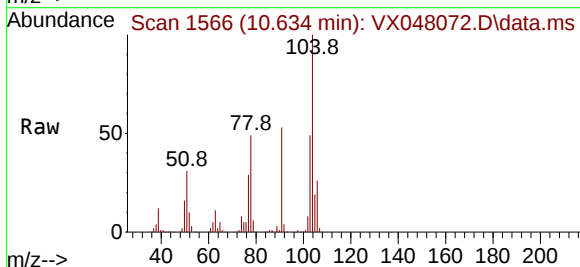
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

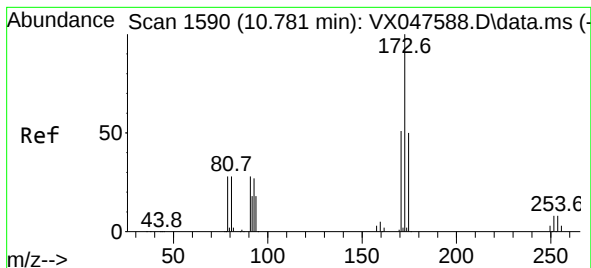
Tgt Ion:106 Resp: 147195
Ion Ratio Lower Upper
106 100
91 222.7 111.1 333.4



#70
Styrene
Concen: 51.713 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:104 Resp: 266941
Ion Ratio Lower Upper
104 100
78 52.4 43.1 64.7
103 54.1 43.1 64.7





#71

Bromoform

Concen: 54.809 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

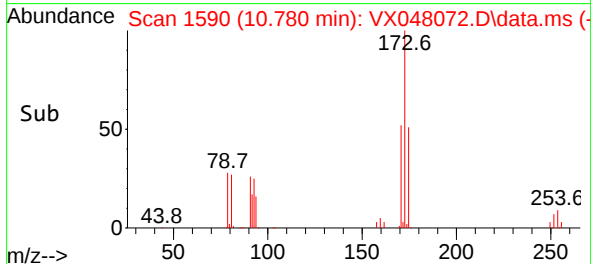
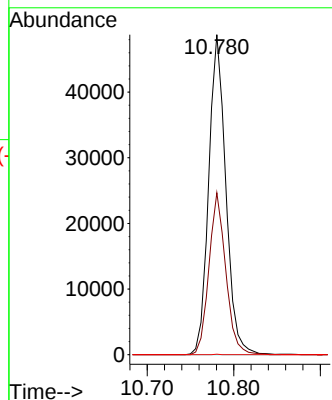
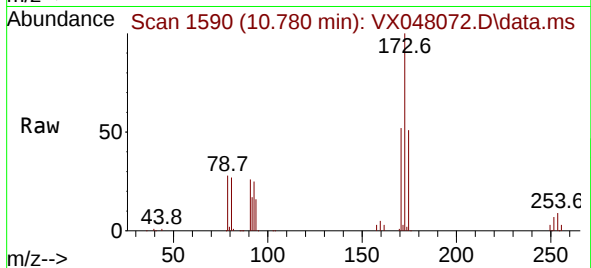
Tgt Ion:173 Resp: 66977

Ion Ratio Lower Upper

173 100

175 49.6 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.000 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

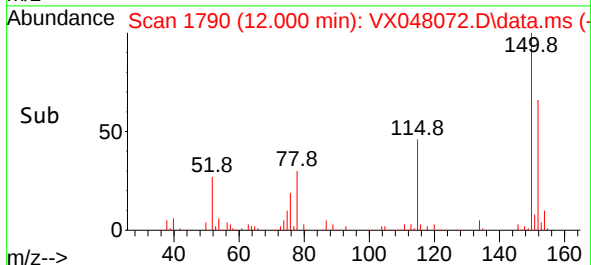
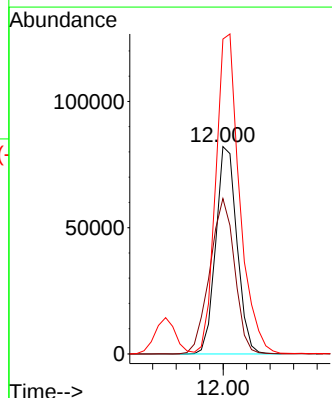
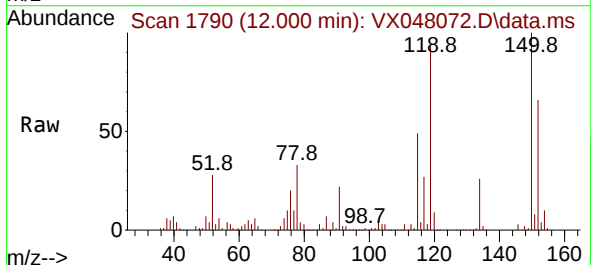
Tgt Ion:152 Resp: 103010

Ion Ratio Lower Upper

152 100

115 87.9 44.9 134.5

150 173.6 0.0 352.0

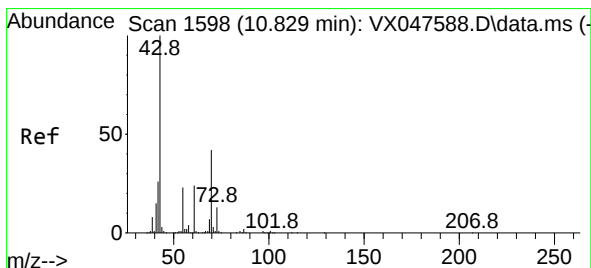
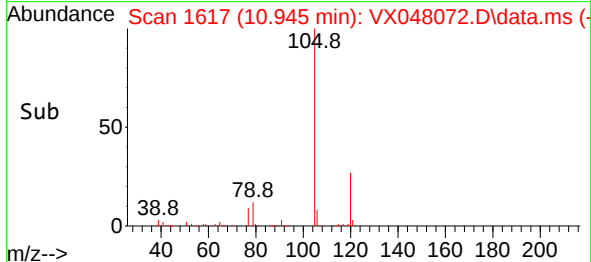
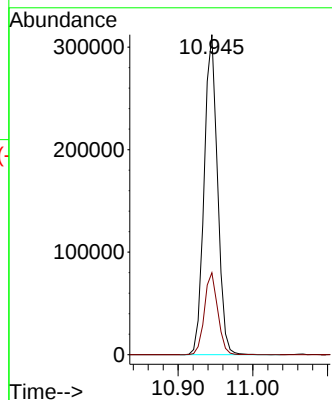
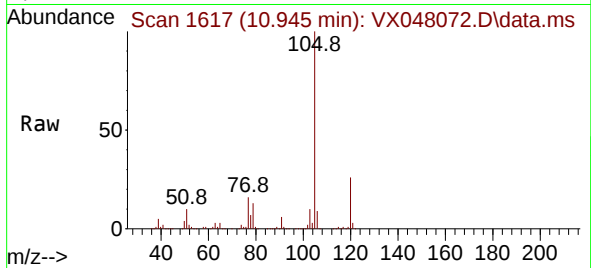




#73
Isopropylbenzene
Concen: 49.390 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

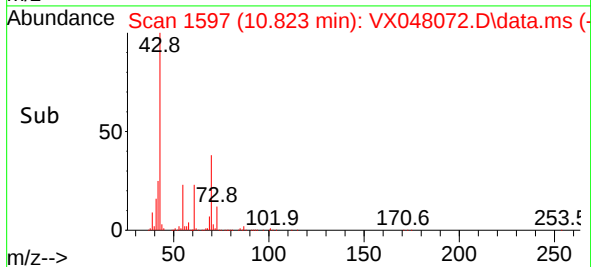
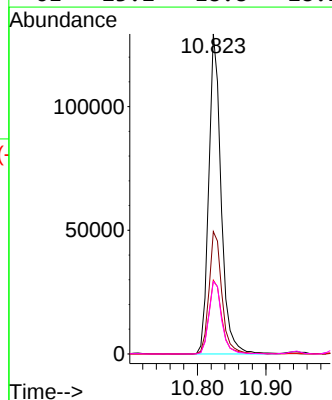
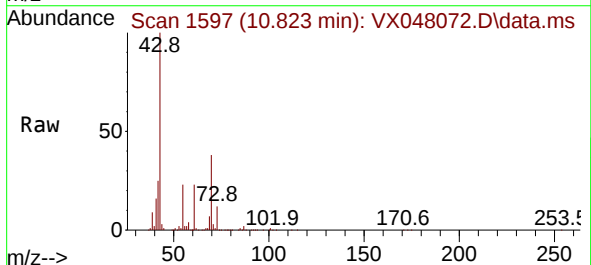
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

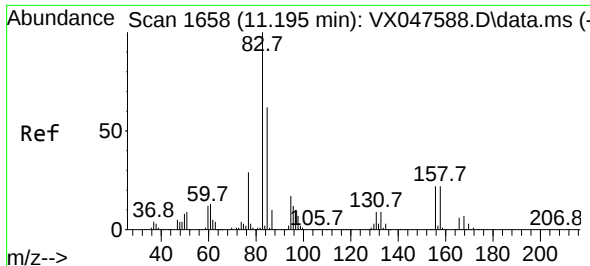
Tgt Ion:105 Resp: 386794
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4



#74
N-ethyl acetate
Concen: 45.527 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 162589
Ion Ratio Lower Upper
43 100
70 39.5 32.0 48.0
55 24.3 18.9 28.3
61 23.2 18.8 28.2

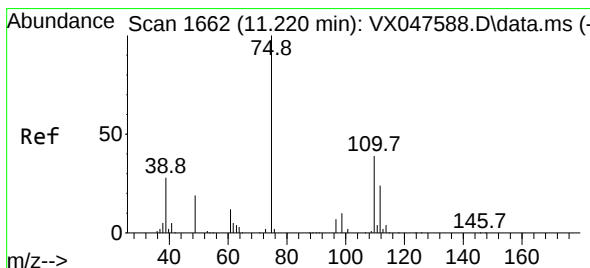
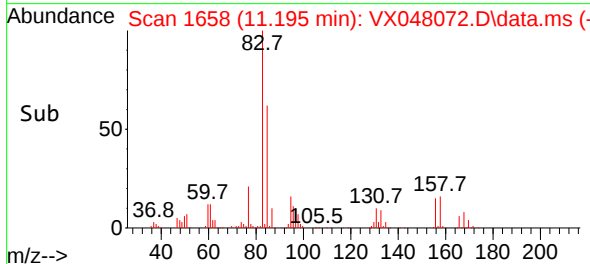
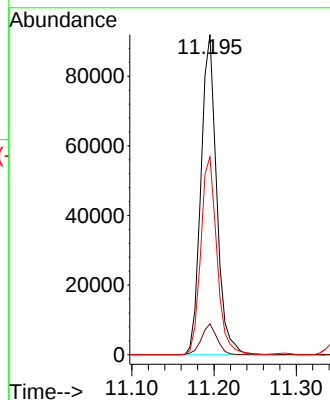
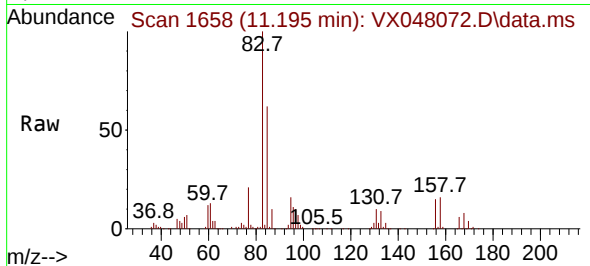




#75
1,1,2,2-Tetrachloroethane
Concen: 51.476 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

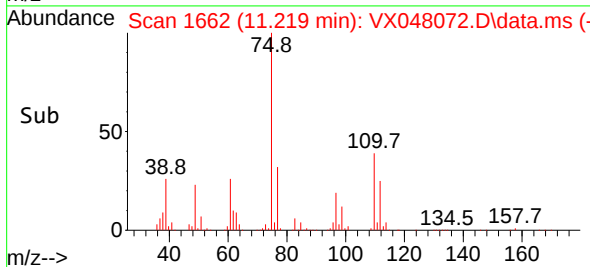
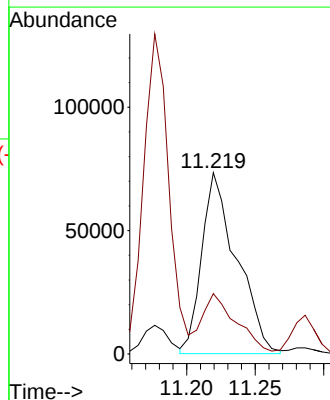
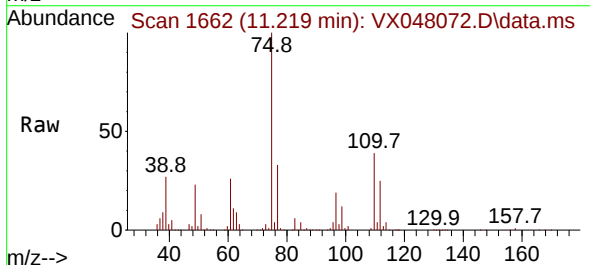
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

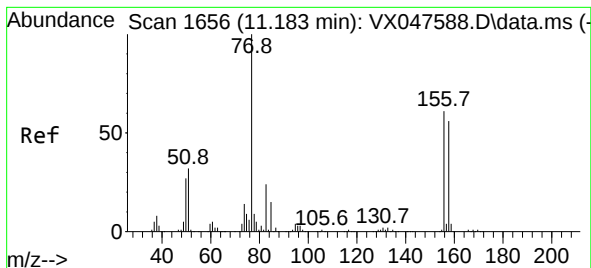
Tgt Ion: 83 Resp: 121967
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 63.4 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 62.584 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 75 Resp: 130527
Ion Ratio Lower Upper
75 100
77 33.0 18.8 56.4





#77

Bromobenzene

Concen: 49.608 ug/l

RT: 11.177 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

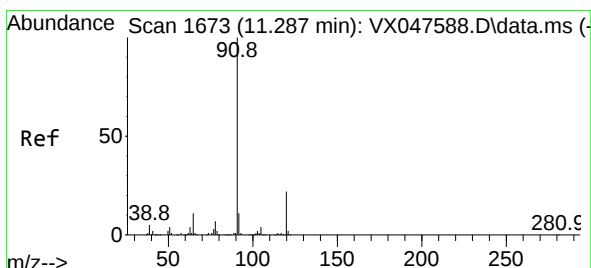
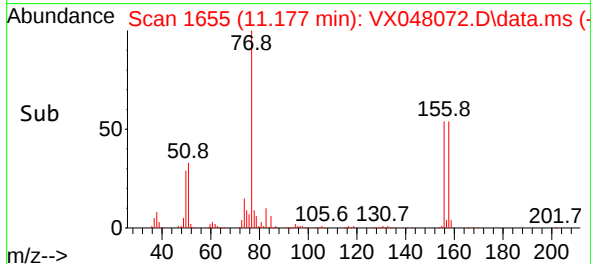
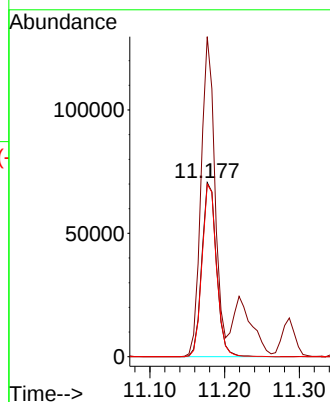
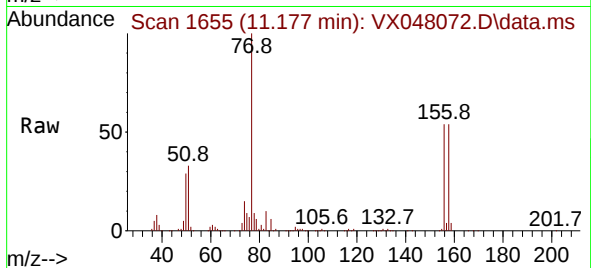
Tgt Ion:156 Resp: 95686

Ion Ratio Lower Upper

156 100

77 174.4 89.7 269.1

158 98.4 47.9 143.6



#78

n-propylbenzene

Concen: 48.883 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048072.D

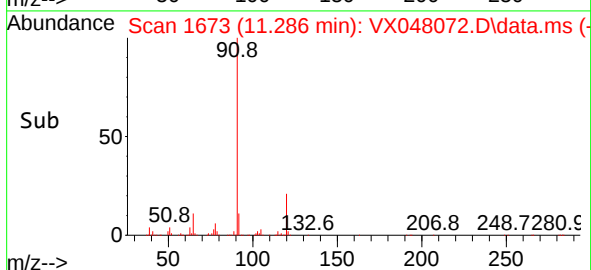
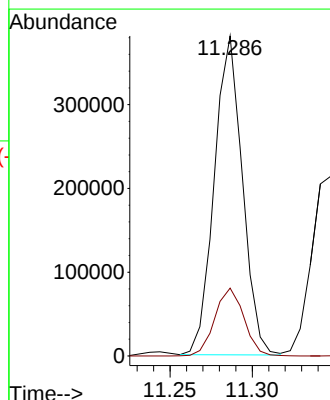
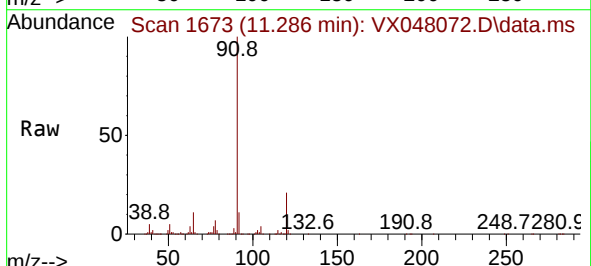
Acq: 09 Oct 2025 09:06

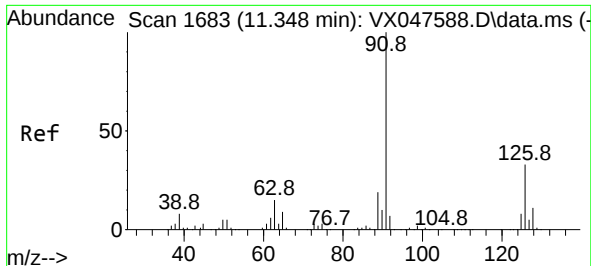
Tgt Ion: 91 Resp: 452552

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.1

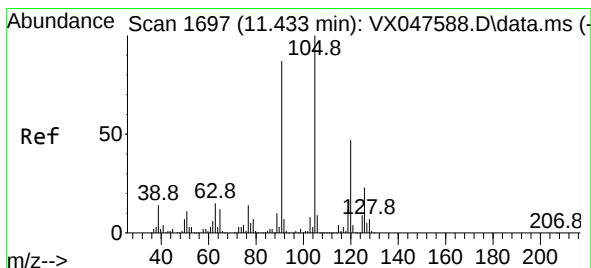
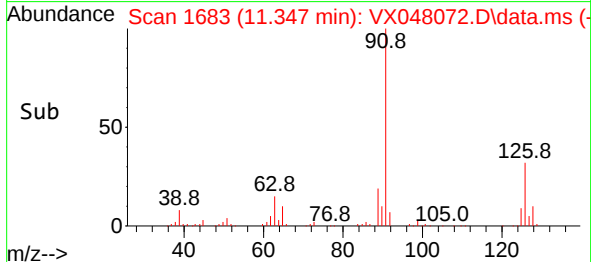
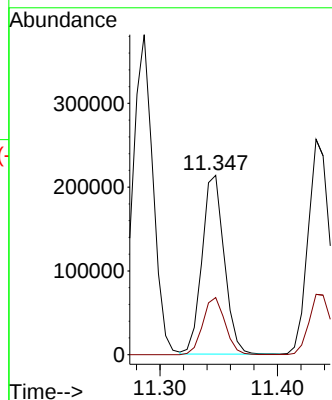
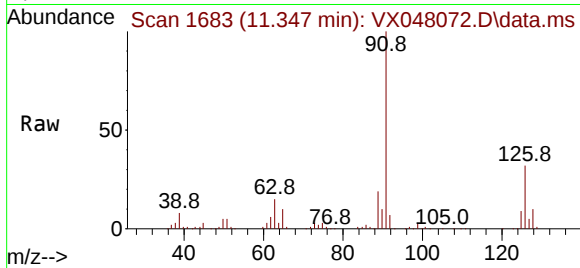




#79
2-Chlorotoluene
Concen: 49.487 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

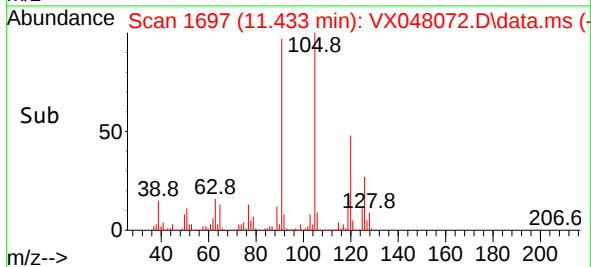
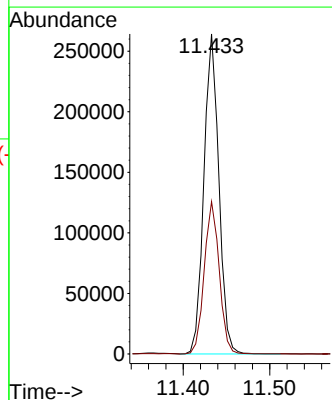
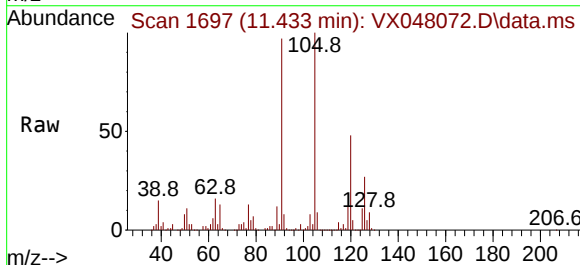
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

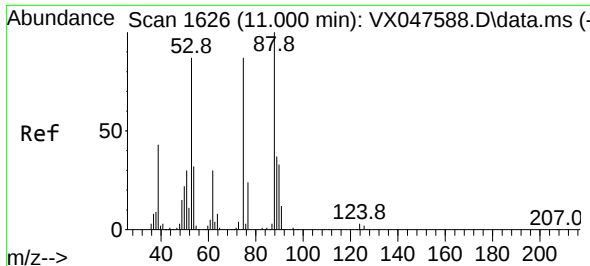
Tgt Ion: 91 Resp: 280600
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 49.195 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 105 Resp: 316535
Ion Ratio Lower Upper
105 100
120 47.6 23.6 70.8

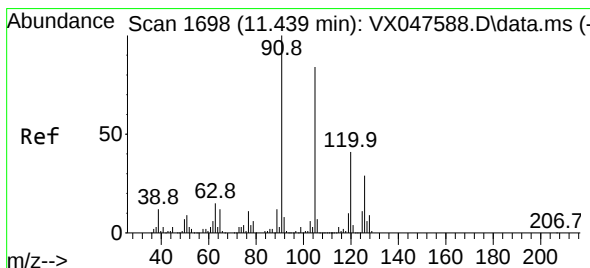
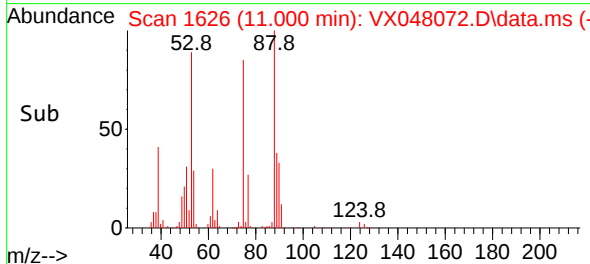
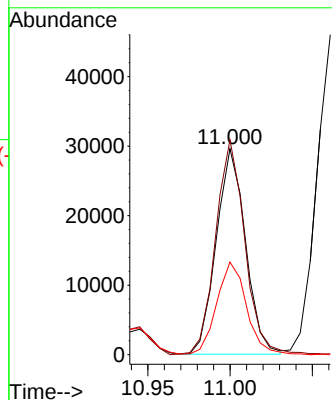
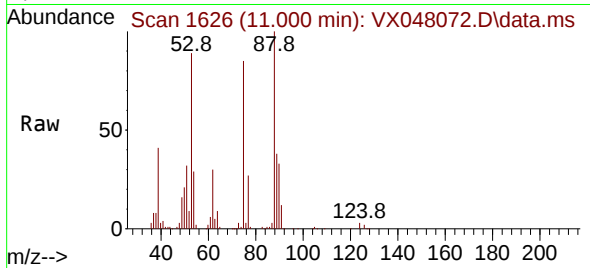




#81
trans-1,4-Dichloro-2-butene
Concen: 44.672 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

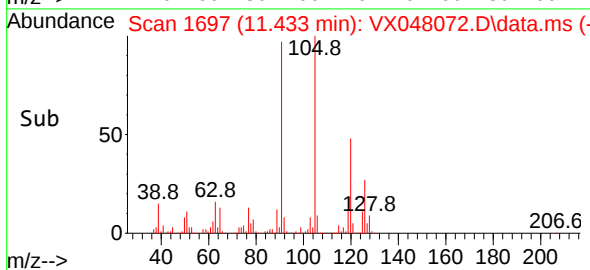
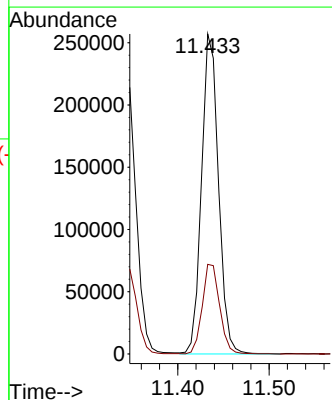
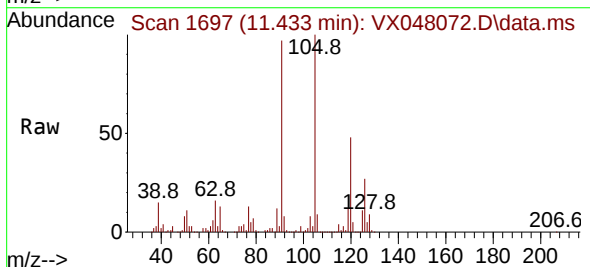
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

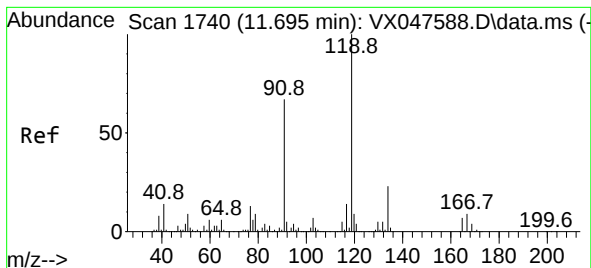
Tgt Ion: 75 Resp: 36535
Ion Ratio Lower Upper
75 100
53 104.9 83.4 125.2
89 46.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.516 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 91 Resp: 331598
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.946 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

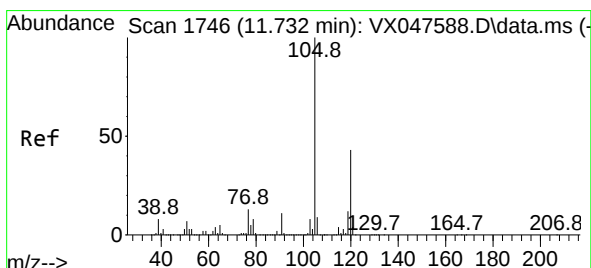
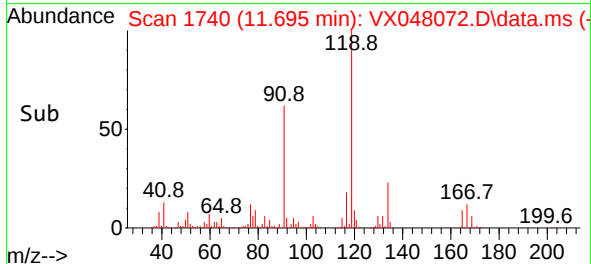
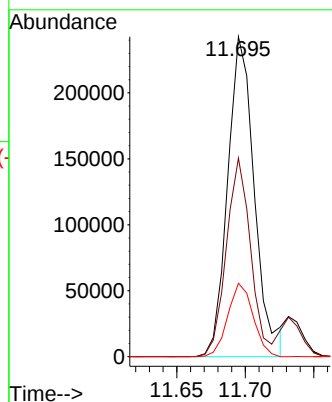
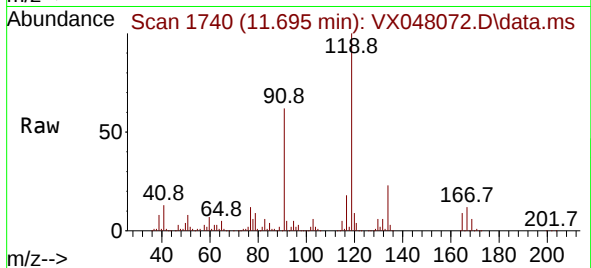
Tgt Ion:119 Resp: 328976

Ion Ratio Lower Upper

119 100

91 56.6 29.6 88.8

134 21.8 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 49.336 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048072.D

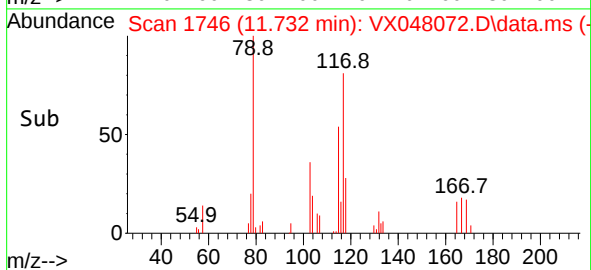
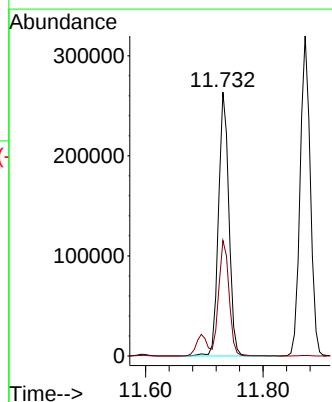
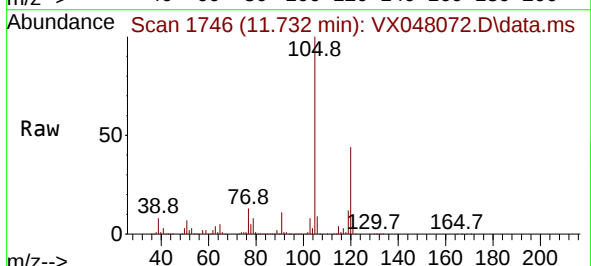
Acq: 09 Oct 2025 09:06

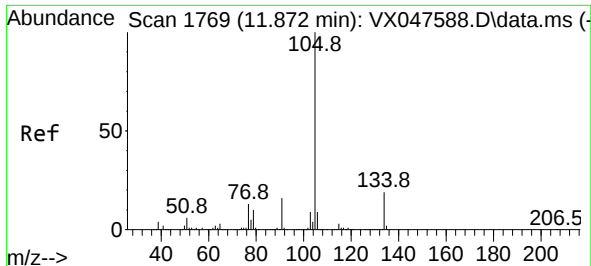
Tgt Ion:105 Resp: 321834

Ion Ratio Lower Upper

105 100

120 43.3 22.1 66.1

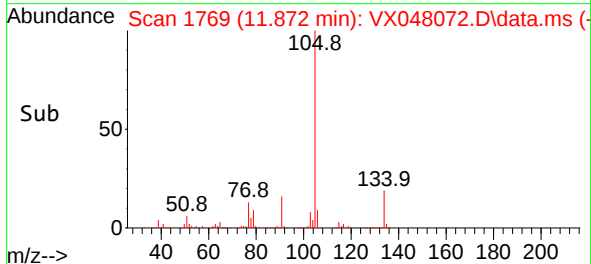
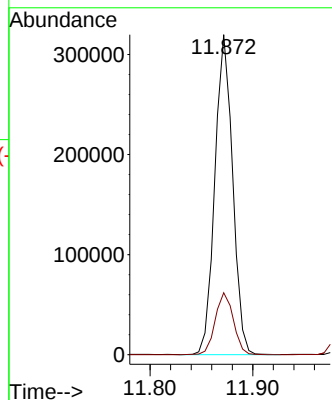
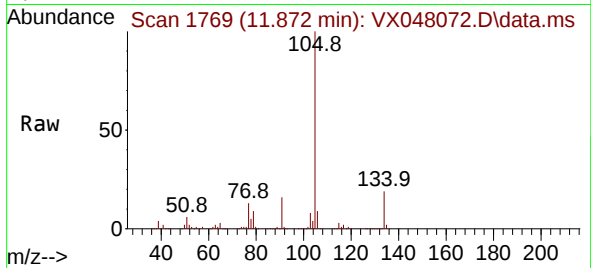




#85
 sec-Butylbenzene
 Concen: 48.971 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048072.D
 Acq: 09 Oct 2025 09:06

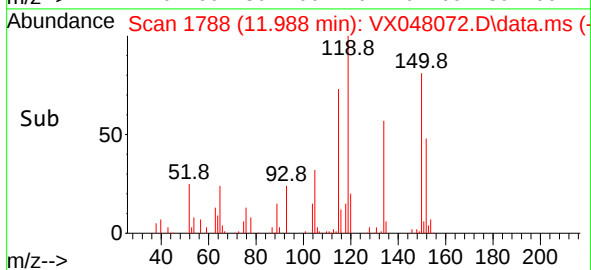
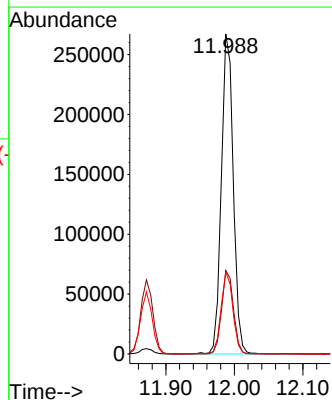
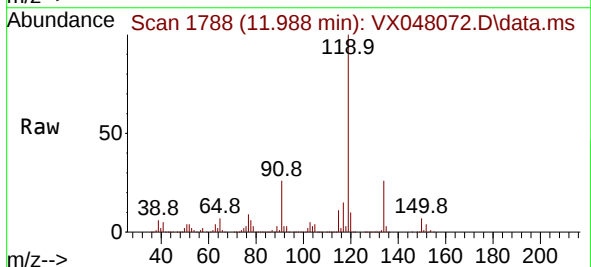
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

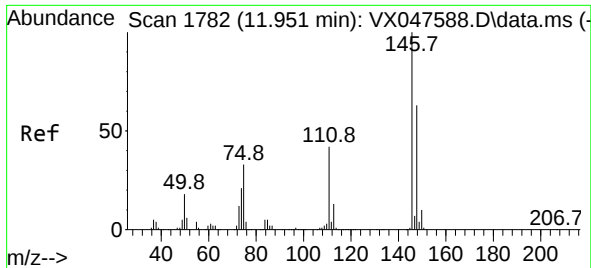
Tgt Ion:105 Resp: 383128
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 48.448 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX048072.D
 Acq: 09 Oct 2025 09:06

Tgt Ion:119 Resp: 320894
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.2 12.6 37.6

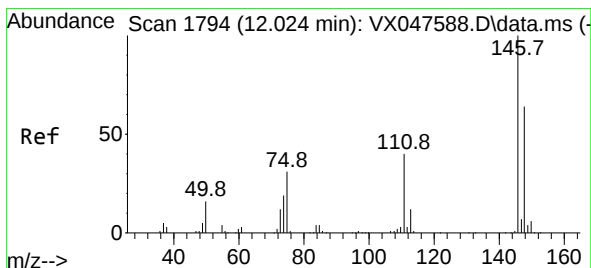
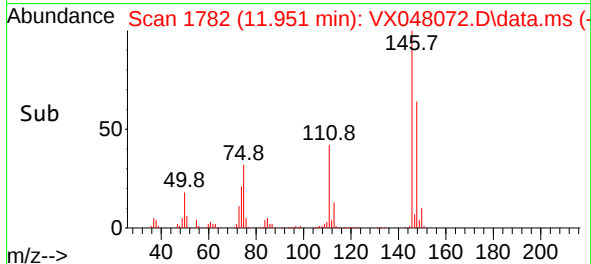
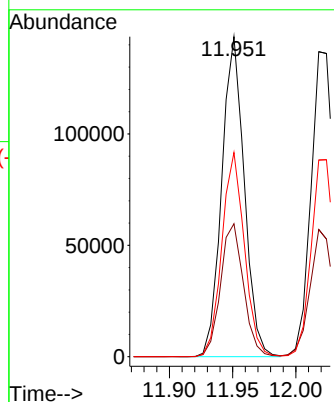
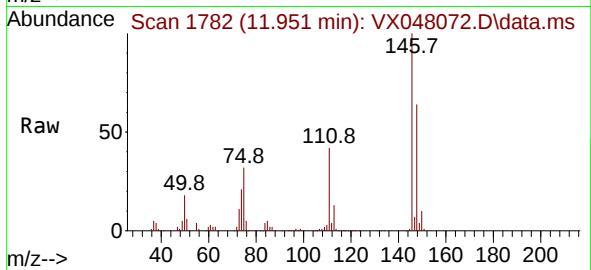




#87
1,3-Dichlorobenzene
Concen: 49.540 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

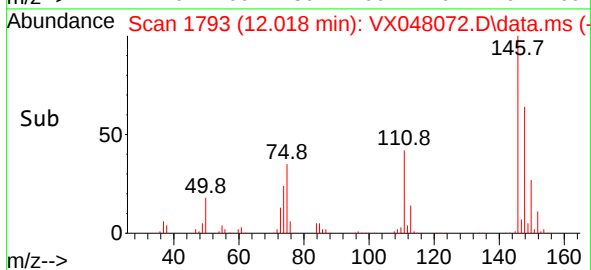
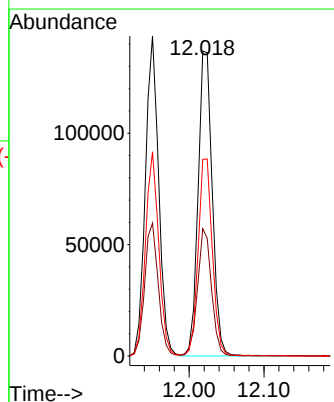
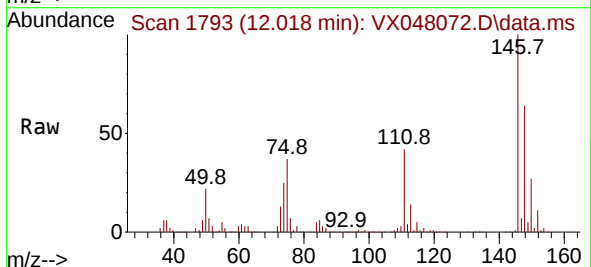
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

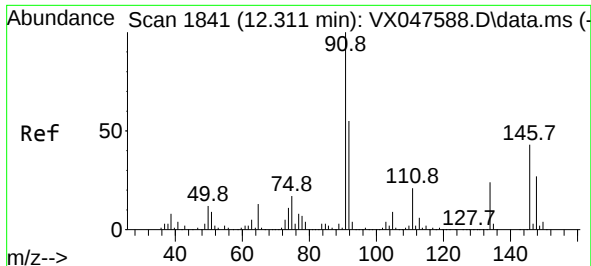
Tgt Ion:146 Resp: 177485
Ion Ratio Lower Upper
146 100
111 42.4 21.5 64.5
148 63.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 49.106 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:146 Resp: 180566
Ion Ratio Lower Upper
146 100
111 40.9 20.8 62.4
148 64.7 31.7 95.1





#89

n-Butylbenzene

Concen: 47.890 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

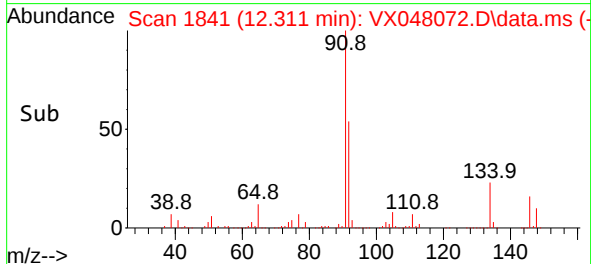
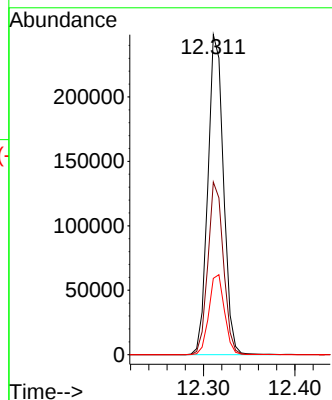
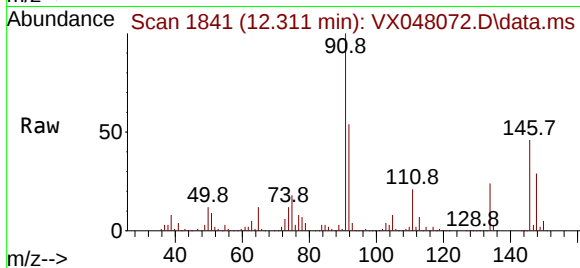
Tgt Ion: 91 Resp: 293503

Ion Ratio Lower Upper

91 100

92 53.6 27.6 82.7

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 52.533 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048072.D

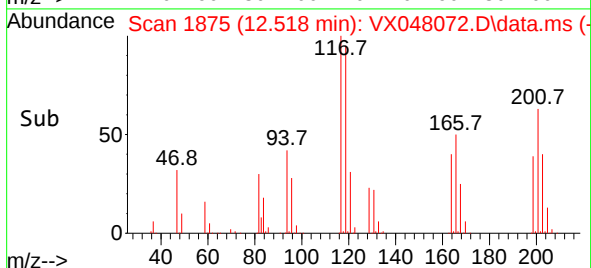
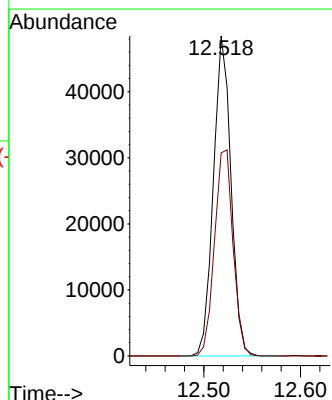
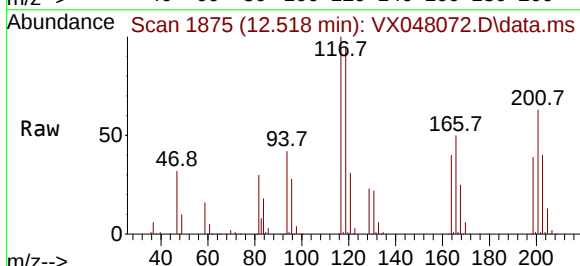
Acq: 09 Oct 2025 09:06

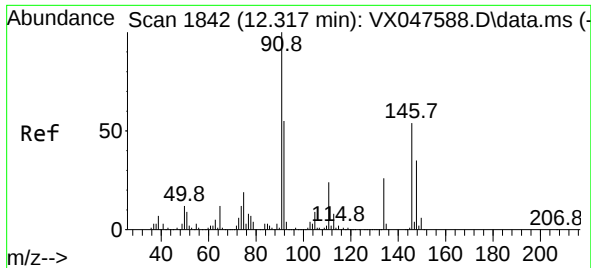
Tgt Ion: 117 Resp: 61089

Ion Ratio Lower Upper

117 100

201 68.3 34.2 102.5

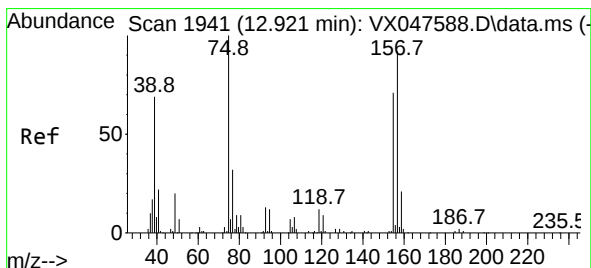
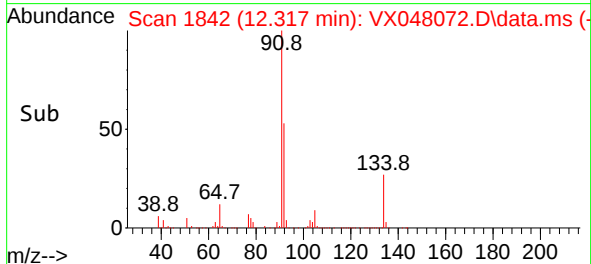
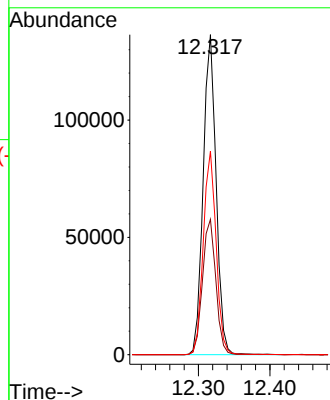
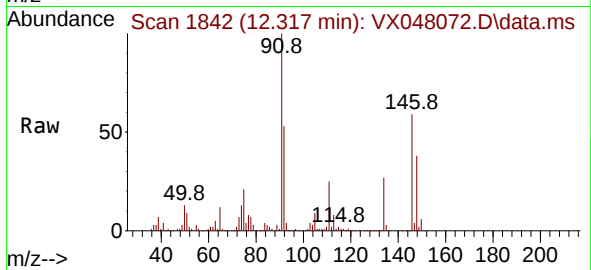




#91
1,2-Dichlorobenzene
Concen: 50.218 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

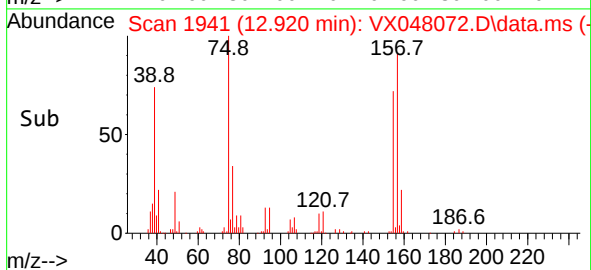
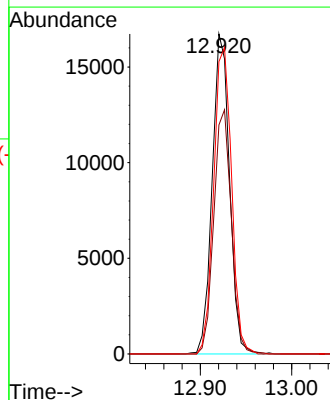
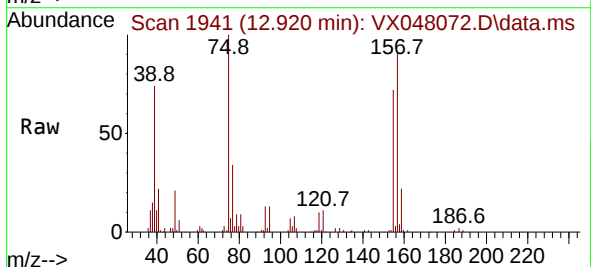
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 171406
Ion Ratio Lower Upper
146 100
111 43.6 22.2 66.6
148 63.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.842 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 75 Resp: 21991
Ion Ratio Lower Upper
75 100
155 77.3 37.7 113.1
157 98.8 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 46.884 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

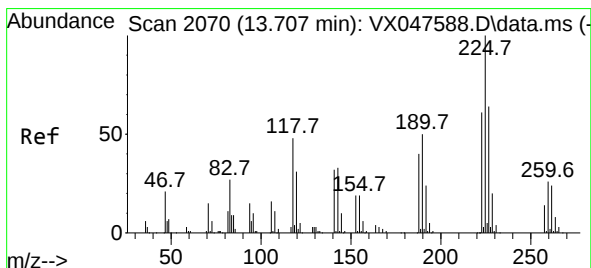
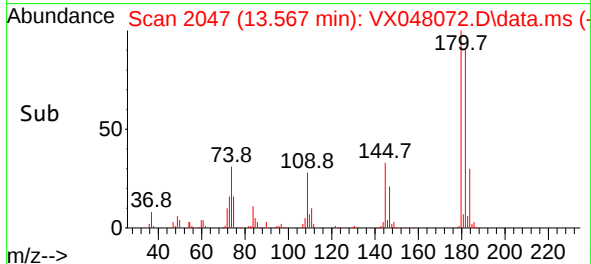
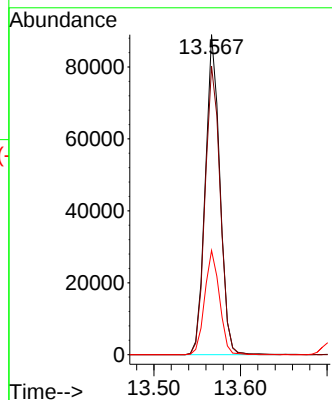
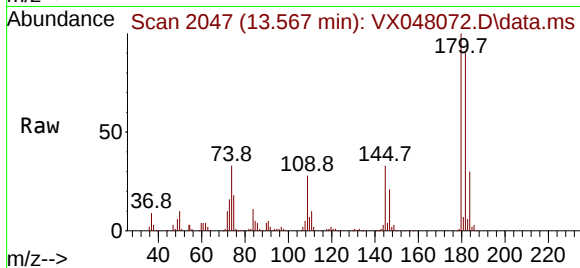
Tgt Ion:180 Resp: 104002

Ion Ratio Lower Upper

180 100

182 94.0 46.6 139.8

145 32.9 16.4 49.1



#94

Hexachlorobutadiene

Concen: 46.150 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

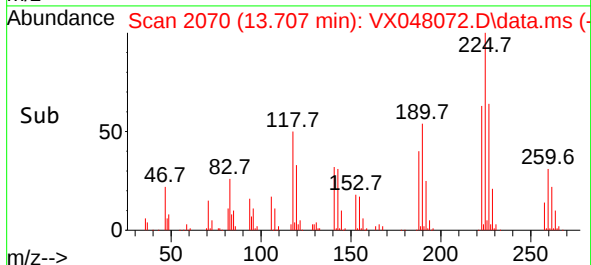
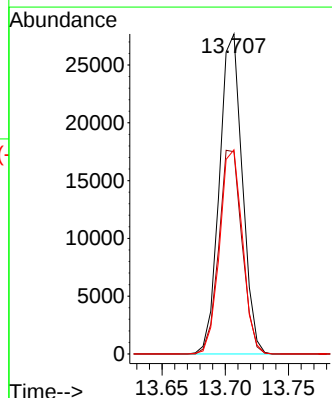
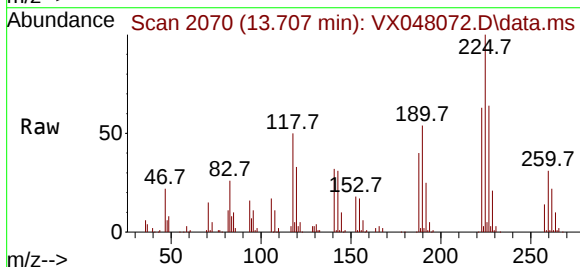
Tgt Ion:225 Resp: 34773

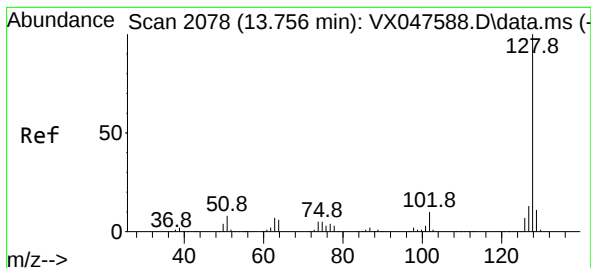
Ion Ratio Lower Upper

225 100

223 64.5 31.7 95.1

227 63.5 32.0 96.0

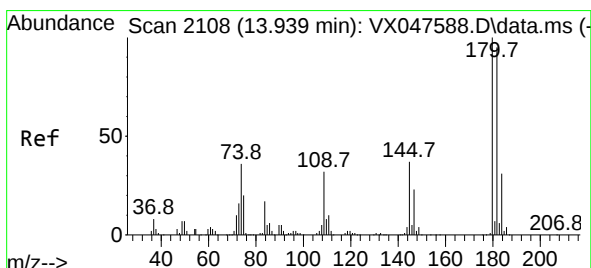
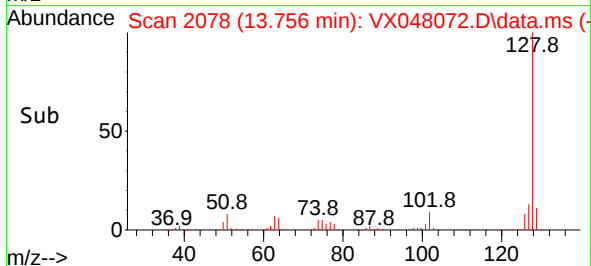
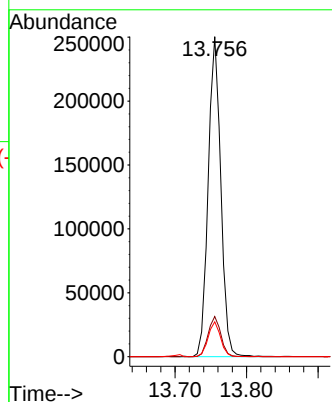
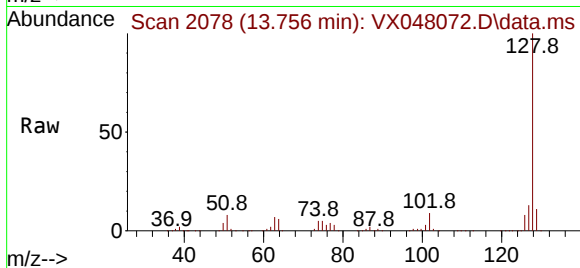




#95
Naphthalene
Concen: 45.333 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 306217
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.250 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:180 Resp: 97500
Ion Ratio Lower Upper
180 100
182 96.4 47.6 142.8
145 35.7 17.9 53.7

