

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047744.D
 Acq On : 23 Sep 2025 19:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 24 01:38:58 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	5.544	168	149304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	270355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	116606	49.065	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.140%
35) Dibromofluoromethane	5.379	113	90861	50.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.220%
50) Toluene-d8	8.634	98	307967	49.087	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.061	95	117402	49.307	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	94404	61.061	ug/l	97
3) Chloromethane	1.300	50	117058	57.609	ug/l	98
4) Vinyl Chloride	1.380	62	115926	58.282	ug/l	100
5) Bromomethane	1.617	94	74054	58.713	ug/l	99
6) Chloroethane	1.697	64	75449	56.753	ug/l	97
7) Trichlorofluoromethane	1.898	101	163767	55.451	ug/l	99
8) Diethyl Ether	2.136	74	65417	54.148	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	95418	55.254	ug/l	99
10) Methyl Iodide	2.459	142	145088	53.870	ug/l	100
11) Tert butyl alcohol	2.946	59	61154	231.046	ug/l	100
12) 1,1-Dichloroethene	2.325	96	98052	55.275	ug/l	96
13) Acrolein	2.239	56	68714	281.718	ug/l	98
14) Allyl chloride	2.666	41	185829	50.766	ug/l	97
15) Acrylonitrile	3.062	53	282724	288.375	ug/l	99
16) Acetone	2.373	43	220076	212.978	ug/l	100
17) Carbon Disulfide	2.520	76	272927	56.202	ug/l	99
18) Methyl Acetate	2.703	43	130811	56.883	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	349001	53.896	ug/l	99
20) Methylene Chloride	2.794	84	119000	54.405	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	106771	55.907	ug/l	99
22) Diisopropyl ether	3.757	45	386641	54.502	ug/l	98
23) Vinyl Acetate	3.715	43	1566296	275.867	ug/l	100
24) 1,1-Dichloroethane	3.611	63	205496	54.500	ug/l	99
25) 2-Butanone	4.544	43	330135	256.128	ug/l	97
26) 2,2-Dichloropropane	4.471	77	130530	41.645	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	128773	55.058	ug/l	95
28) Bromochloromethane	4.891	49	86403	52.489	ug/l	99
29) Tetrahydrofuran	4.995	42	217984	281.124	ug/l	98
30) Chloroform	5.086	83	207673	54.504	ug/l	97
31) Cyclohexane	5.458	56	164278	52.311	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	171647	53.110	ug/l	99
36) 1,1-Dichloropropene	5.684	75	134570	50.792	ug/l	99
37) Ethyl Acetate	4.702	43	146380	51.600	ug/l	99
38) Carbon Tetrachloride	5.672	117	141128	49.026	ug/l	93
39) Methylcyclohexane	7.366	83	153808	51.142	ug/l	99
40) Benzene	6.025	78	428760	53.282	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	79236	54.104	ug/l	98
42) 1,2-Dichloroethane	6.074	62	157471	51.431	ug/l	98
43) Isopropyl Acetate	6.324	43	243453	52.327	ug/l	99
44) Trichloroethene	7.110	130	104230	53.576	ug/l	94
45) 1,2-Dichloropropane	7.415	63	110894	53.818	ug/l	99
46) Dibromomethane	7.568	93	79627	53.104	ug/l	97
47) Bromodichloromethane	7.805	83	164232	53.077	ug/l	96
48) Methyl methacrylate	7.677	41	121164	52.283	ug/l	98
49) 1,4-Dioxane	7.647	88	28012	1196.046	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	703728	272.809	ug/l	100
52) Toluene	8.702	92	263320	53.113	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	159381	50.499	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	173466	51.421	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	104553	54.692	ug/l	98
56) Ethyl methacrylate	9.104	69	163467	54.448	ug/l	96
57) 1,3-Dichloropropane	9.293	76	179171	54.560	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	360369	251.172	ug/l	100
59) 2-Hexanone	9.415	43	483347	260.895	ug/l	99
60) Dibromochloromethane	9.506	129	119117	54.078	ug/l	99
61) 1,2-Dibromoethane	9.592	107	106971	54.937	ug/l	100
64) Tetrachloroethene	9.262	164	82104	51.765	ug/l	96
65) Chlorobenzene	10.061	112	288305	52.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	98820	51.810	ug/l	98
67) Ethyl Benzene	10.177	91	491426	51.527	ug/l	99
68) m/p-Xylenes	10.287	106	367469	103.518	ug/l	99
69) o-Xylene	10.628	106	180297	52.511	ug/l	98
70) Styrene	10.640	104	317529	52.779	ug/l	99
71) Bromoform	10.780	173	74197	52.097	ug/l #	100
73) Isopropylbenzene	10.945	105	453473	49.722	ug/l	99
74) N-amyl acetate	10.829	43	210798	50.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	143186	51.892	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	157182	64.715	ug/l	89
77) Bromobenzene	11.183	156	112329	50.007	ug/l	98
78) n-propylbenzene	11.286	91	533484	49.483	ug/l	99
79) 2-Chlorotoluene	11.347	91	324017	49.069	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	370433	49.437	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	44224	46.433	ug/l	97
82) 4-Chlorotoluene	11.439	91	386898	49.610	ug/l	99
83) tert-Butylbenzene	11.695	119	373585	48.704	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	376730	49.591	ug/l	100
85) sec-Butylbenzene	11.872	105	445326	48.878	ug/l	100
86) p-Isopropyltoluene	11.994	119	373936	48.479	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	205631	49.286	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	207463	48.449	ug/l	98
89) n-Butylbenzene	12.317	91	345737	48.442	ug/l	98
90) Hexachloroethane	12.518	117	65317	48.232	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	198557	49.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	27323	48.908	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	123384	47.762	ug/l	98
94) Hexachlorobutadiene	13.707	225	39729	45.277	ug/l	99
95) Naphthalene	13.756	128	389975	49.575	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	118608	49.357	ug/l	99

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ALS Vial : 27 Sample Multiplier: 1

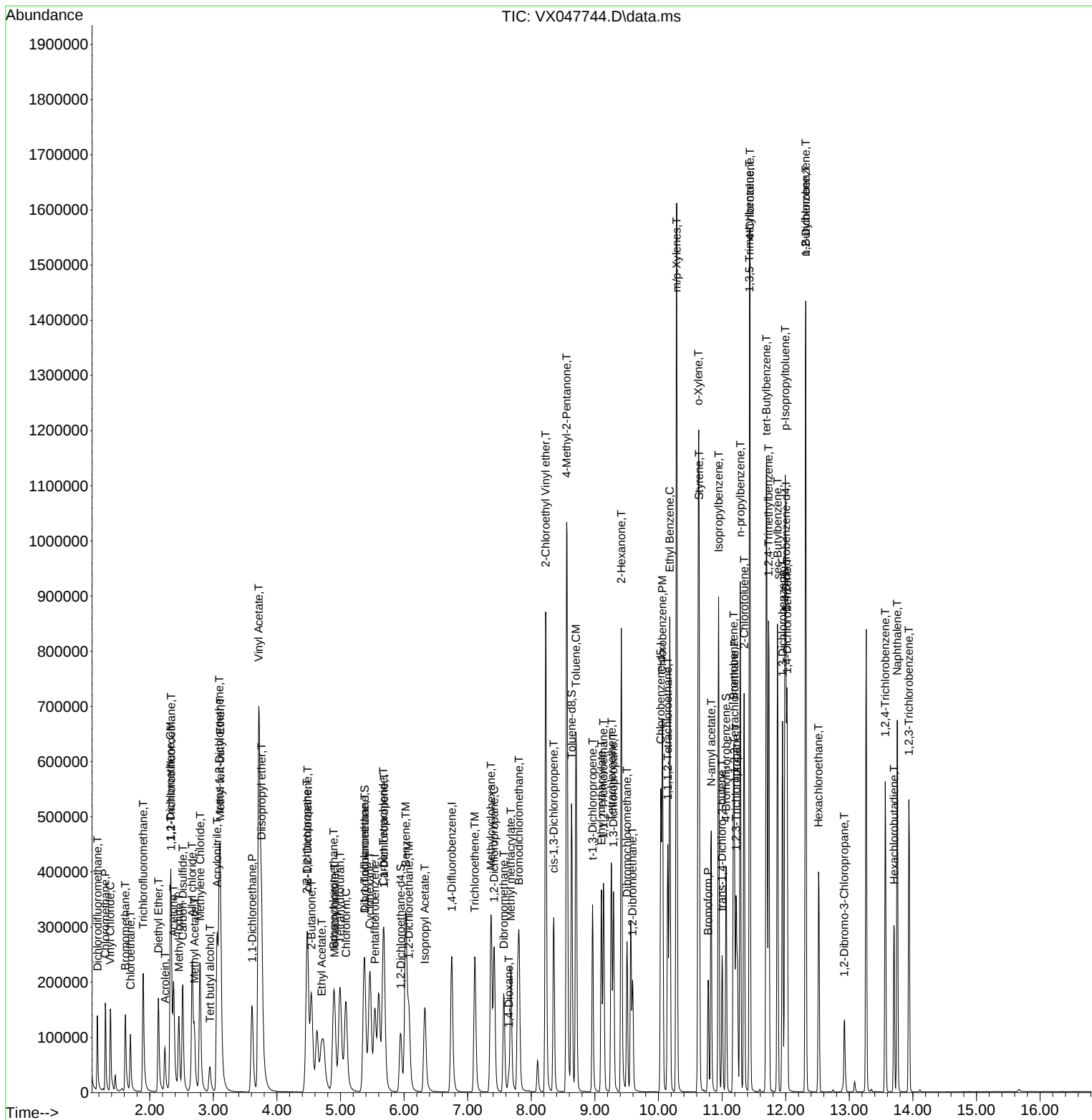
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

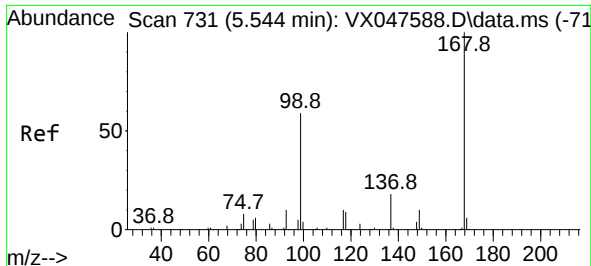
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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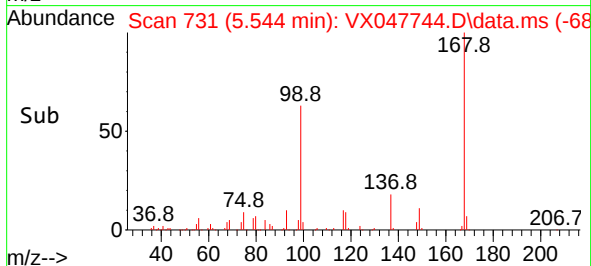
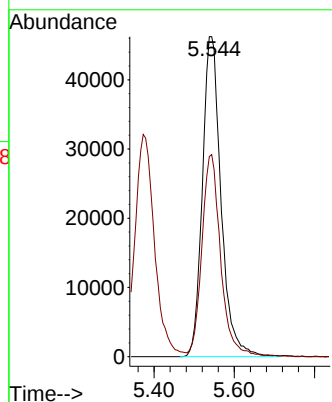
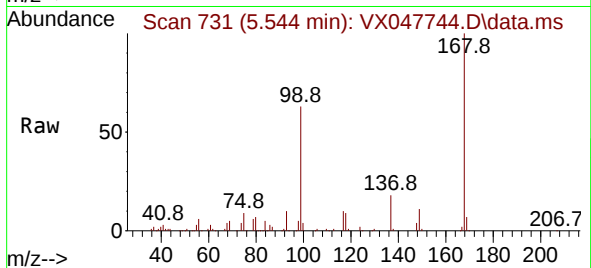




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

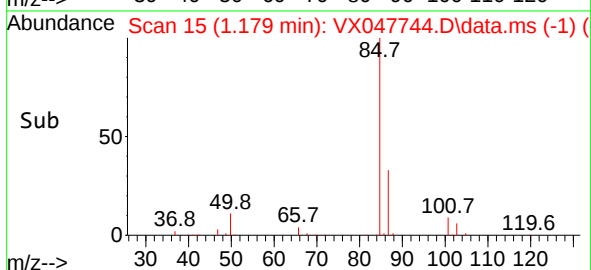
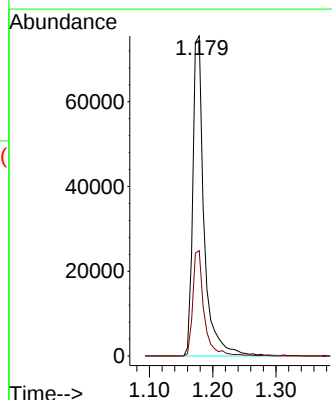
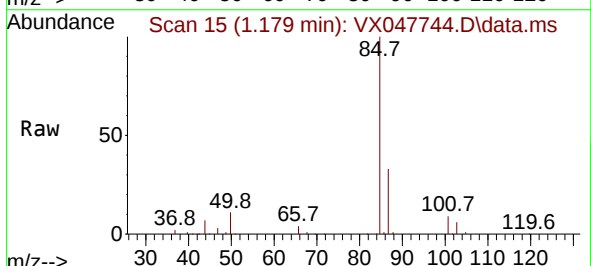
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 149304
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 61.061 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 85 Resp: 94404
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.3

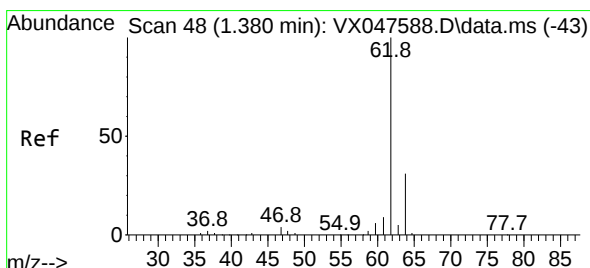
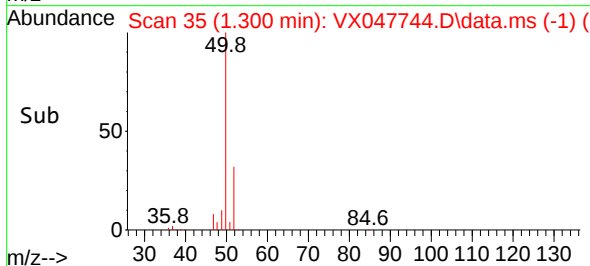
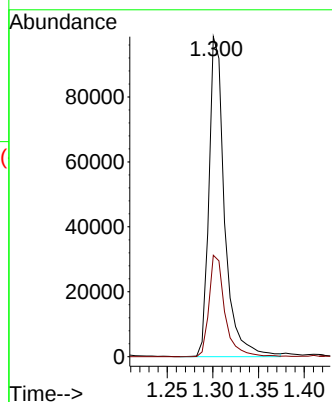
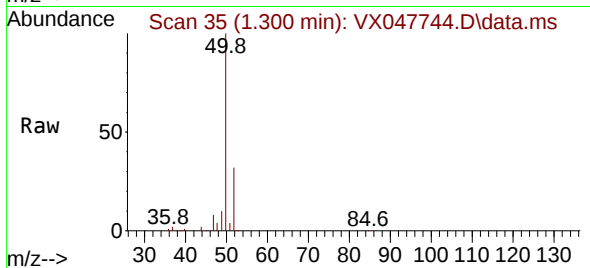




#3
Chloromethane
Concen: 57.609 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

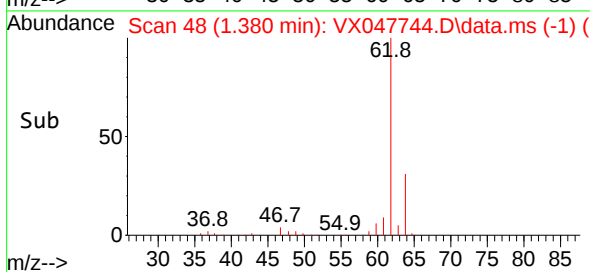
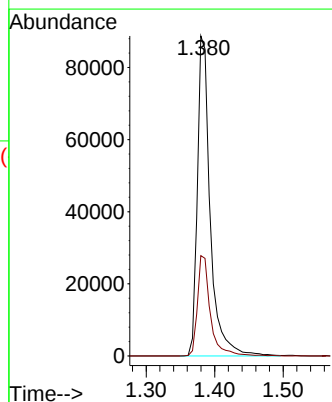
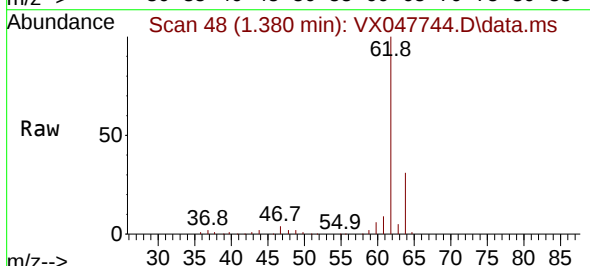
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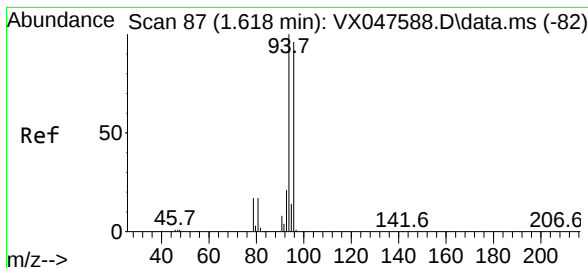
Tgt Ion: 50 Resp: 117058
Ion Ratio Lower Upper
50 100
52 31.7 26.1 39.1



#4
Vinyl Chloride
Concen: 58.282 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 62 Resp: 115926
Ion Ratio Lower Upper
62 100
64 31.3 24.9 37.3

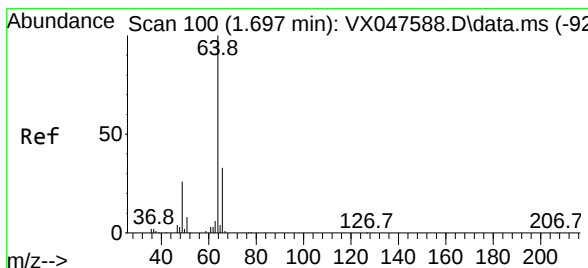
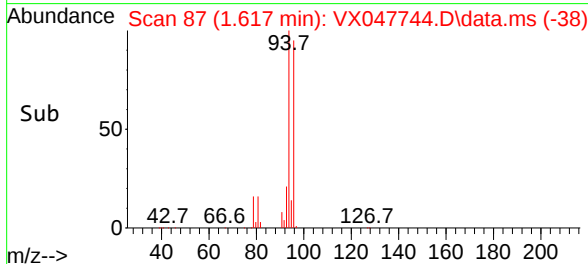
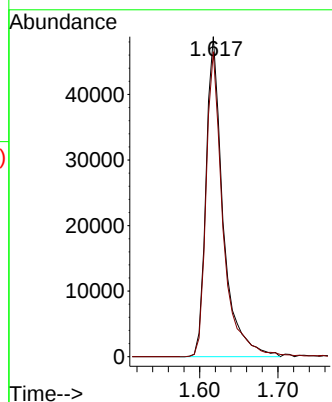
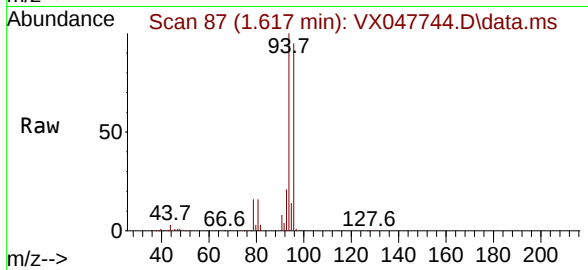




#5
Bromomethane
Concen: 58.713 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

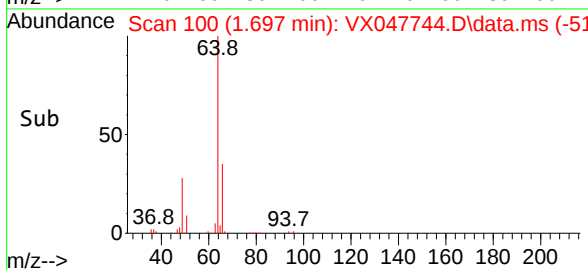
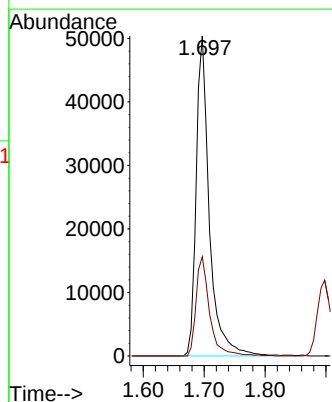
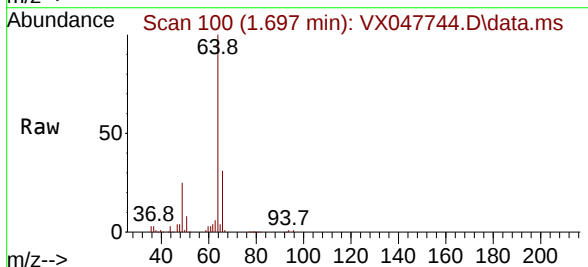
Instrument :
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Tgt Ion: 94 Resp: 74054
Ion Ratio Lower Upper
94 100
96 95.3 76.6 115.0



#6
Chloroethane
Concen: 56.753 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 64 Resp: 75449
Ion Ratio Lower Upper
64 100
66 31.0 26.1 39.1

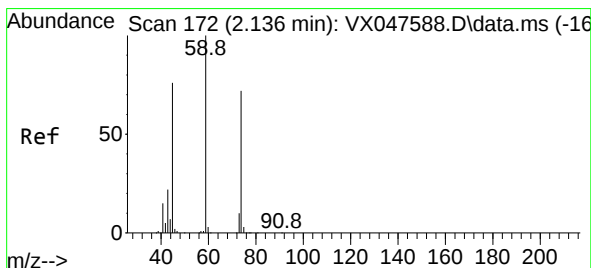
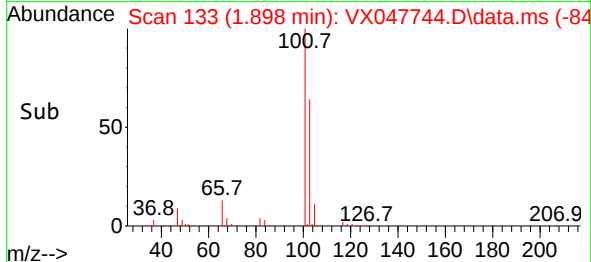
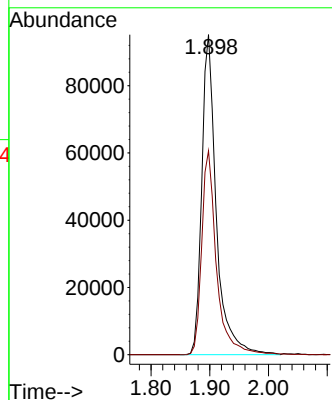
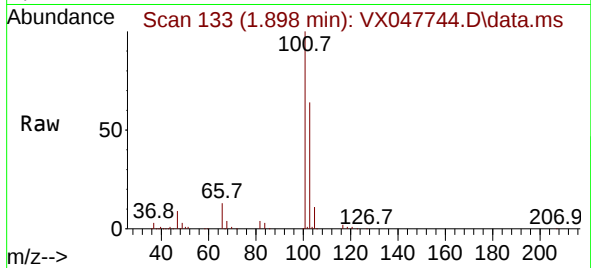




#7
 Trichlorofluoromethane
 Concen: 55.451 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047744.D
 Acq: 23 Sep 2025 19:00

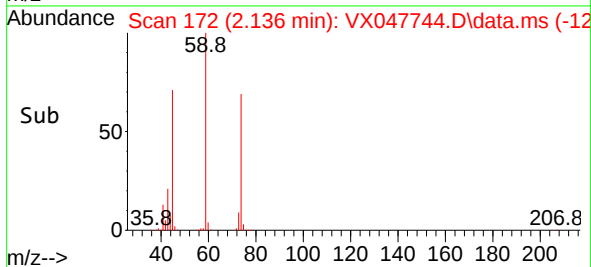
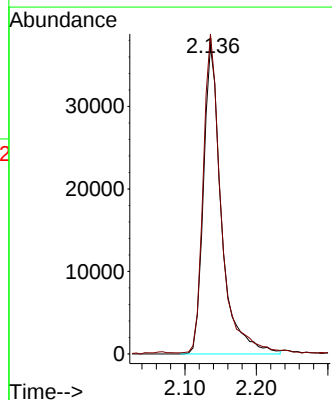
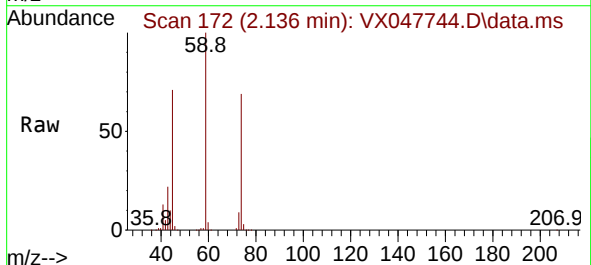
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 163767
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.2



#8
 Diethyl Ether
 Concen: 54.148 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX047744.D
 Acq: 23 Sep 2025 19:00

Tgt Ion: 74 Resp: 65417
 Ion Ratio Lower Upper
 74 100
 45 102.9 52.3 156.8

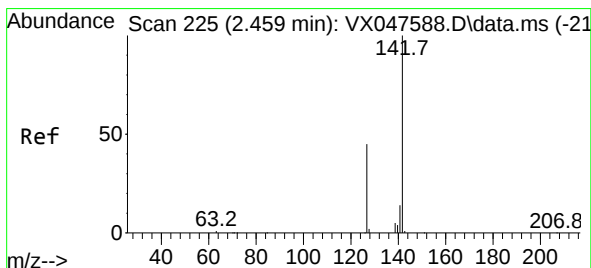
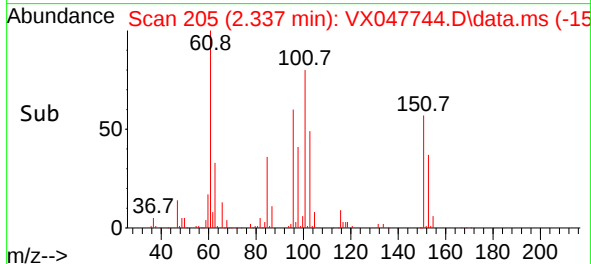
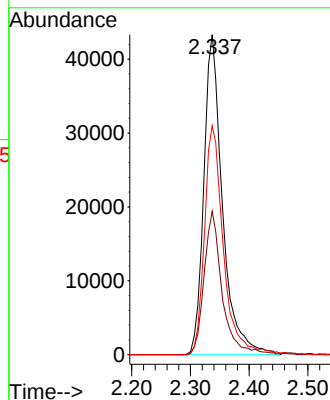
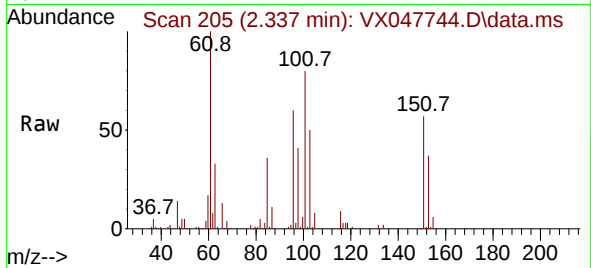




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.254 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

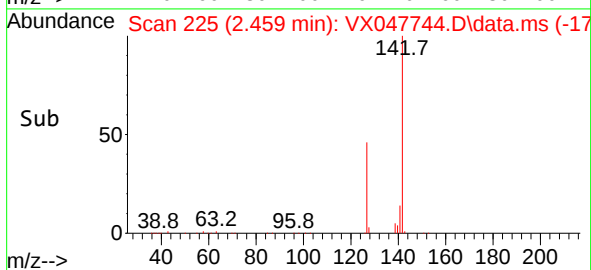
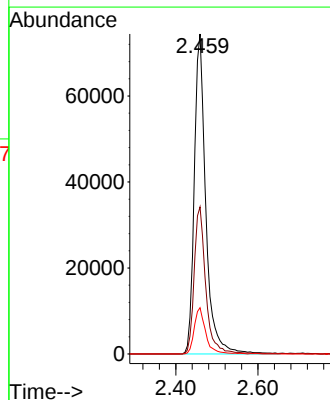
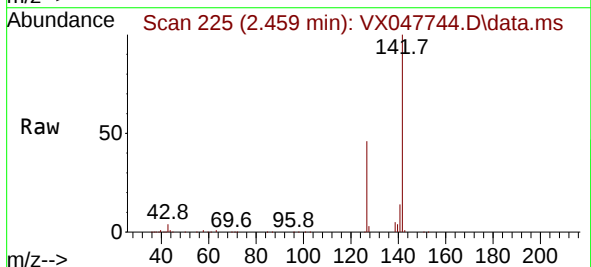
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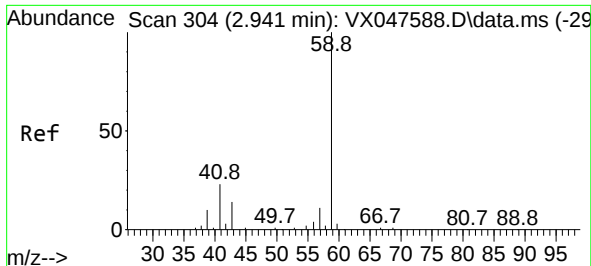
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Ion Ratio Lower Upper
101 100
85 43.7 35.5 53.3
151 73.2 59.4 89.0



#10
Methyl Iodide
Concen: 53.870 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion:142 Resp: 145088
Ion Ratio Lower Upper
142 100
127 46.5 37.2 55.8
141 14.3 11.4 17.0





#11

Tert butyl alcohol

Concen: 231.046 ug/l

RT: 2.946 min Scan# 304

Delta R.T. 0.006 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

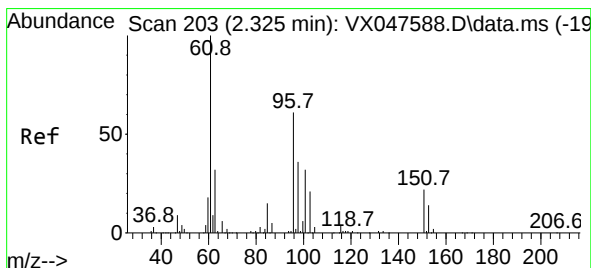
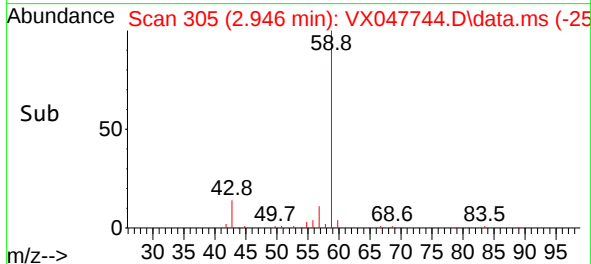
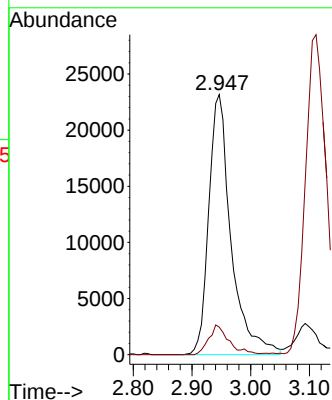
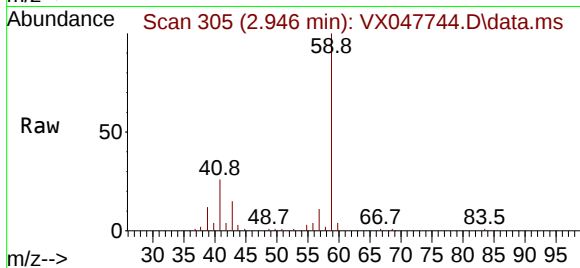
VSTDCCC050EC

Tgt Ion: 59 Resp: 61154

Ion Ratio Lower Upper

59 100

57 10.4 8.3 12.5



#12

1,1-Dichloroethene

Concen: 55.275 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

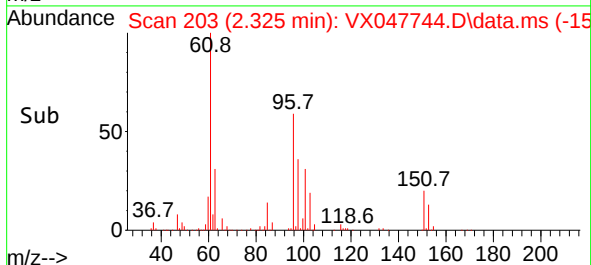
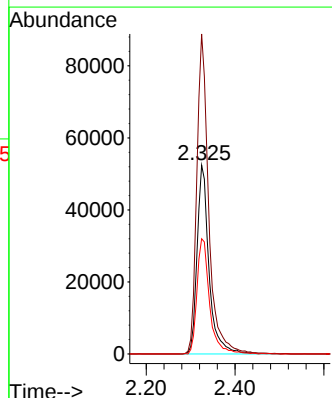
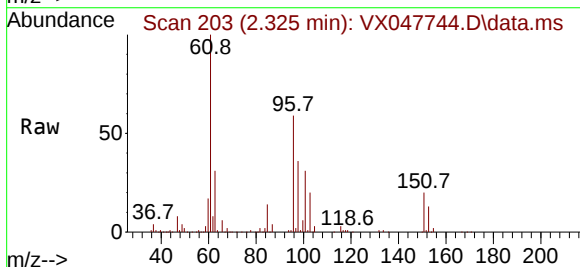
Tgt Ion: 96 Resp: 98052

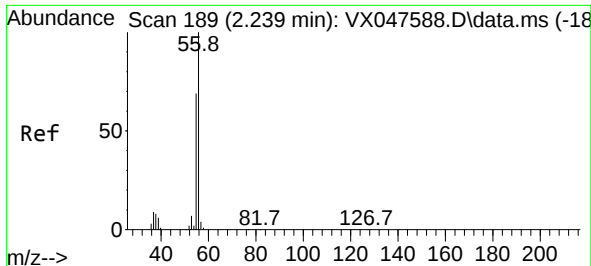
Ion Ratio Lower Upper

96 100

61 169.5 131.0 196.6

98 61.1 47.7 71.5

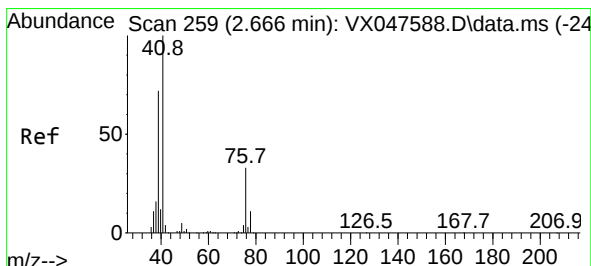
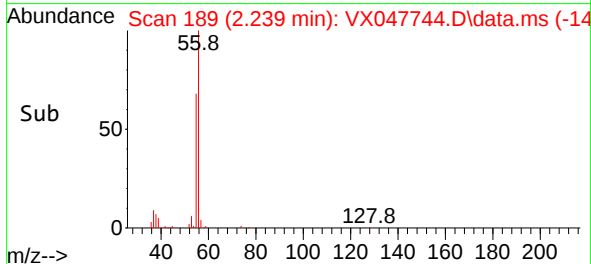
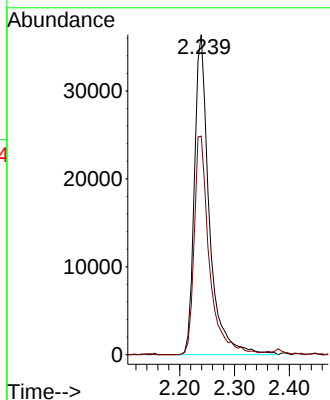
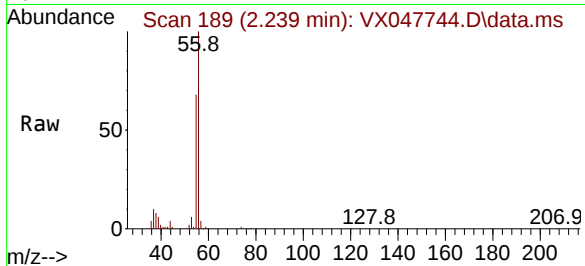




#13
Acrolein
Concen: 281.718 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

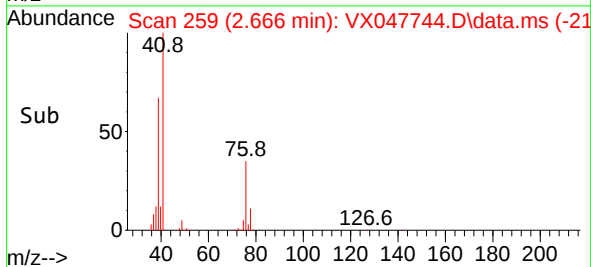
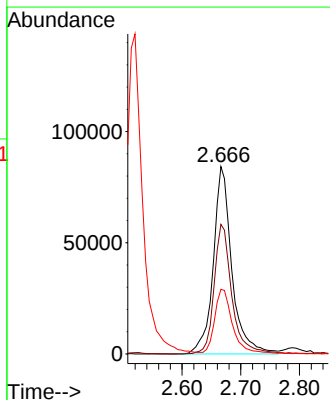
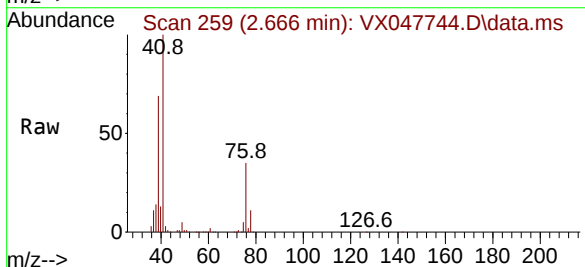
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

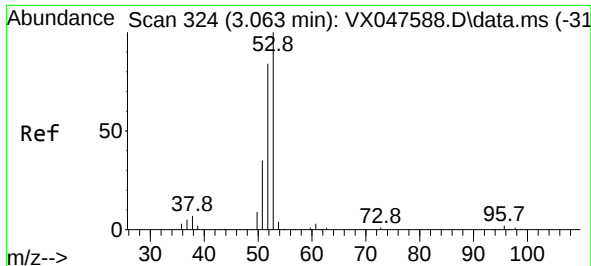
Tgt Ion: 56 Resp: 68714
Ion Ratio Lower Upper
56 100
55 69.9 57.2 85.8



#14
Allyl chloride
Concen: 50.766 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 41 Resp: 185829
Ion Ratio Lower Upper
41 100
39 65.8 54.7 82.1
76 33.1 25.7 38.5

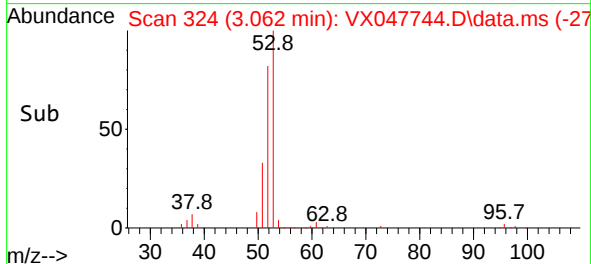
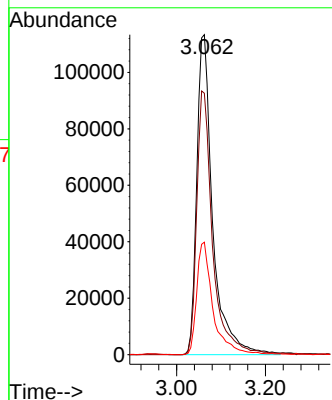
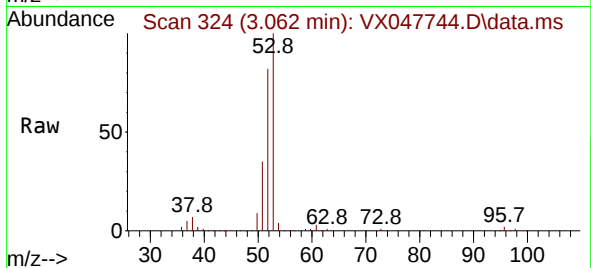




#15
Acrylonitrile
Concen: 288.375 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

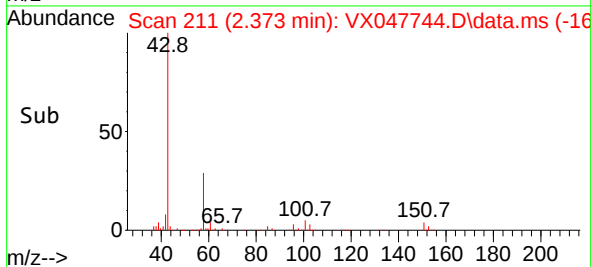
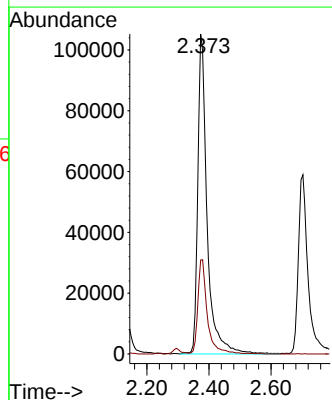
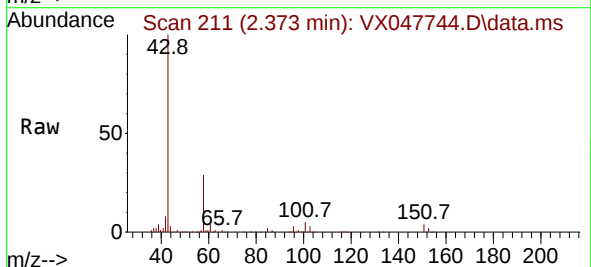
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

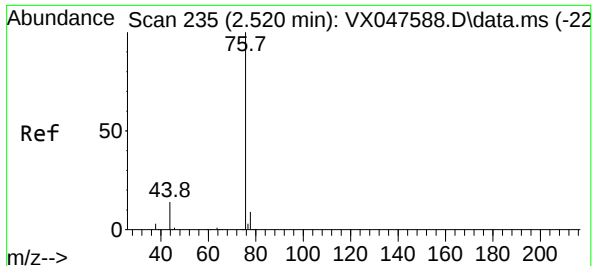
Tgt Ion: 53 Resp: 282724
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 36.3 29.5 44.3



#16
Acetone
Concen: 212.978 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 43 Resp: 220076
Ion Ratio Lower Upper
43 100
58 29.4 23.4 35.0

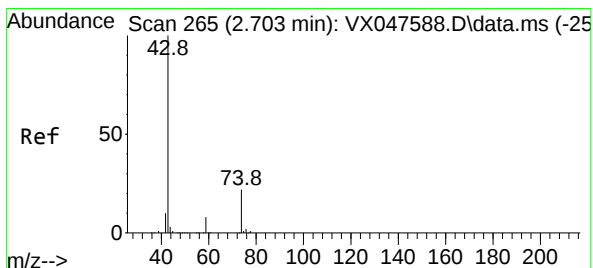
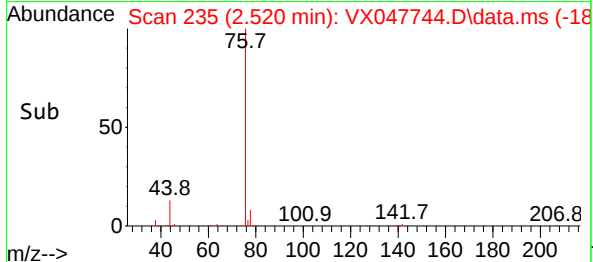
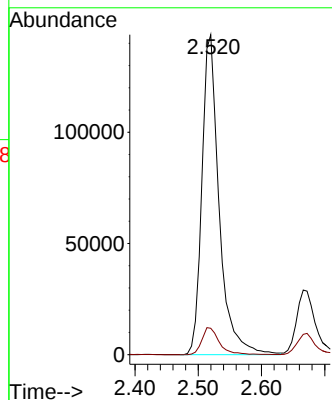
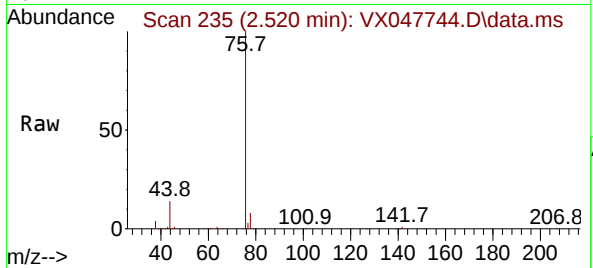




#17
Carbon Disulfide
Concen: 56.202 ug/l
RT: 2.520 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

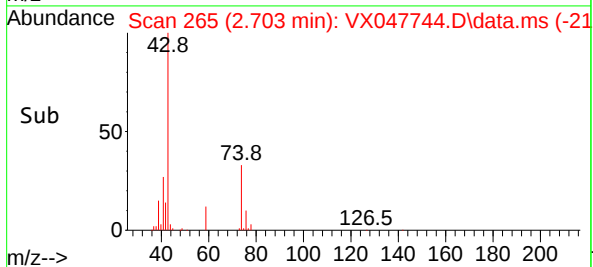
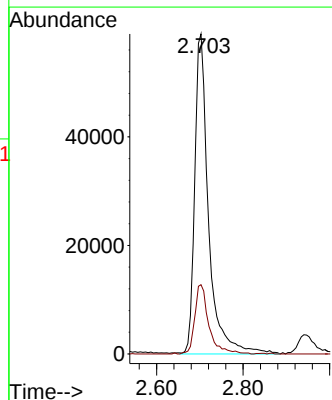
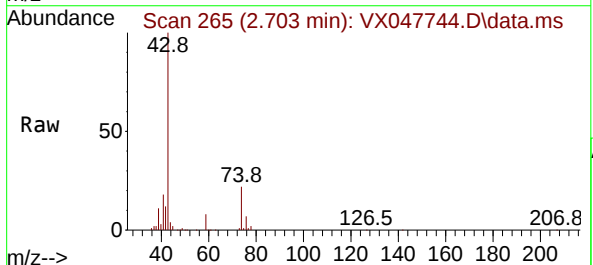
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

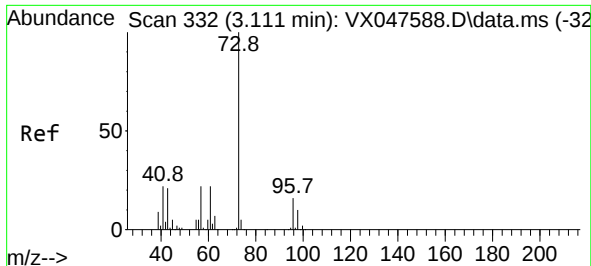
Tgt Ion: 76 Resp: 272927
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 56.883 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 43 Resp: 130811
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2

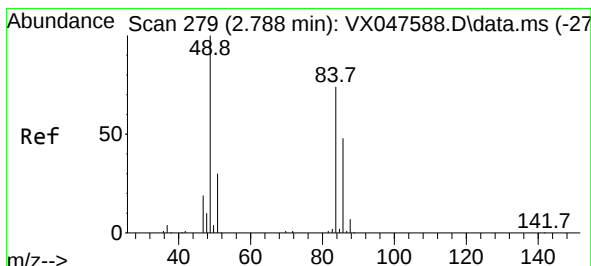
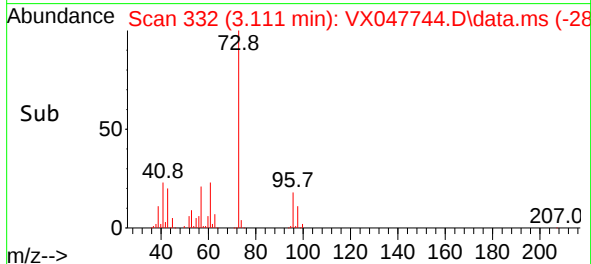
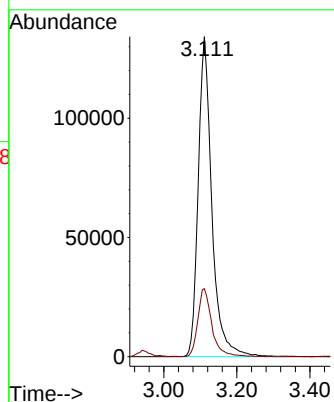
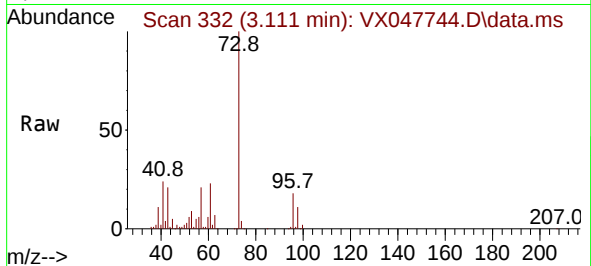




#19
Methyl tert-butyl Ether
Concen: 53.896 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

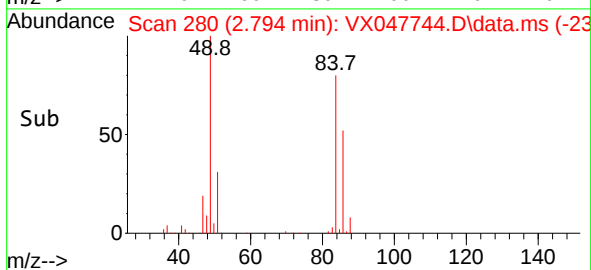
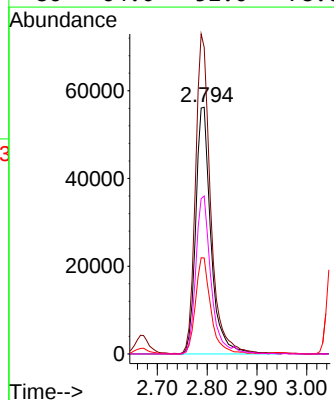
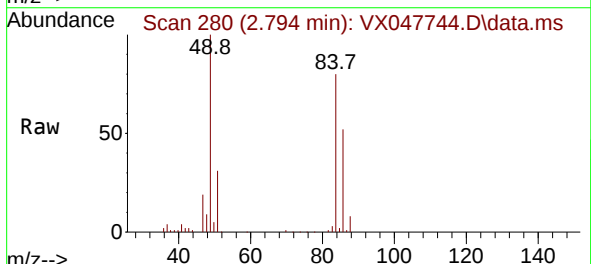
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 349001
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2



#20
Methylene Chloride
Concen: 54.405 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 84 Resp: 119000
Ion Ratio Lower Upper
84 100
49 124.1 108.6 162.8
51 38.9 32.6 48.8
86 64.0 52.0 78.0

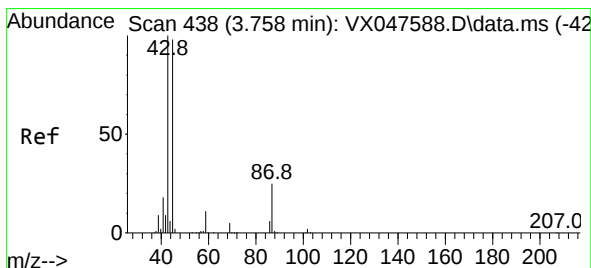
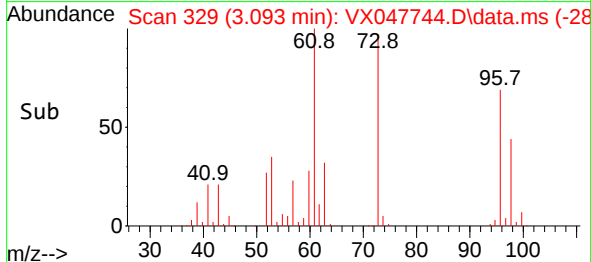
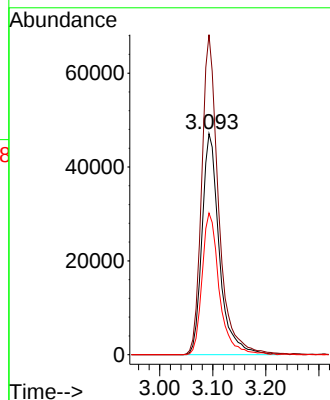
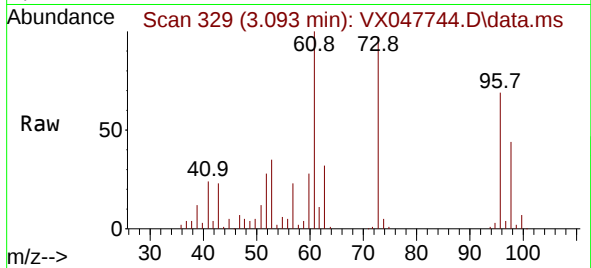




#21
trans-1,2-Dichloroethene
Concen: 55.907 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

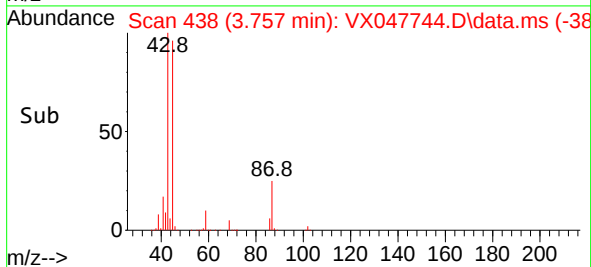
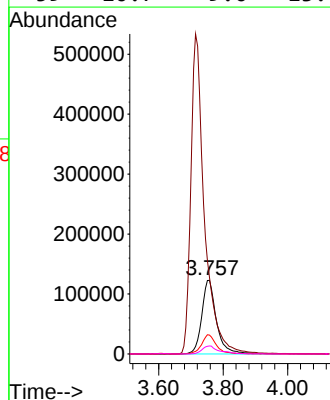
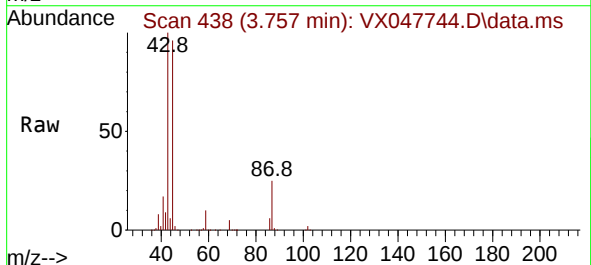
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

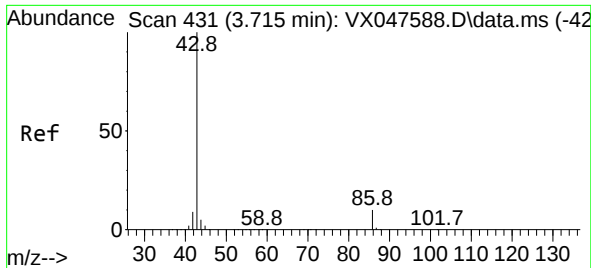
Tgt Ion: 96 Resp: 106771
Ion Ratio Lower Upper
96 100
61 144.8 116.2 174.2
98 64.1 49.3 73.9



#22
Diisopropyl ether
Concen: 54.502 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 45 Resp: 386641
Ion Ratio Lower Upper
45 100
43 103.5 81.0 121.4
87 25.6 20.3 30.5
59 10.7 9.0 13.4

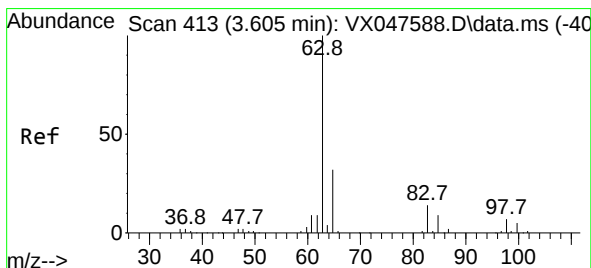
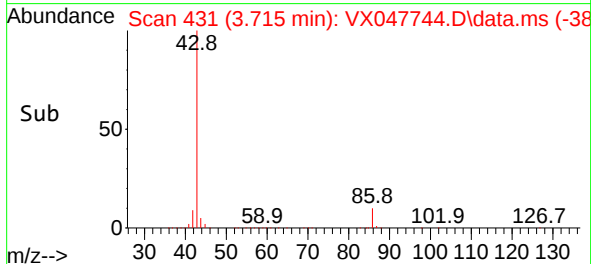
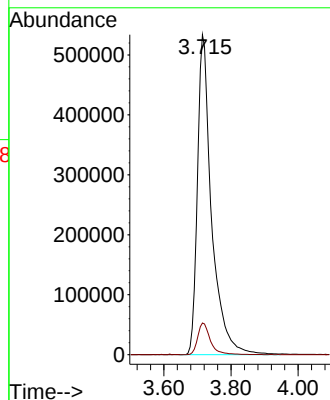
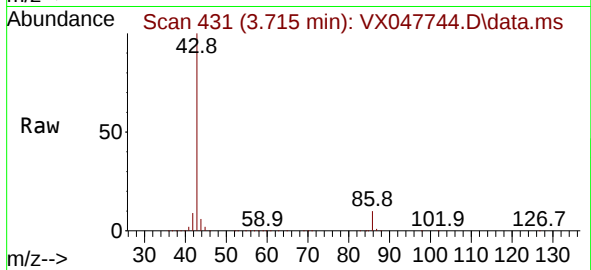




#23
 Vinyl Acetate
 Concen: 275.867 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047744.D
 Acq: 23 Sep 2025 19:00

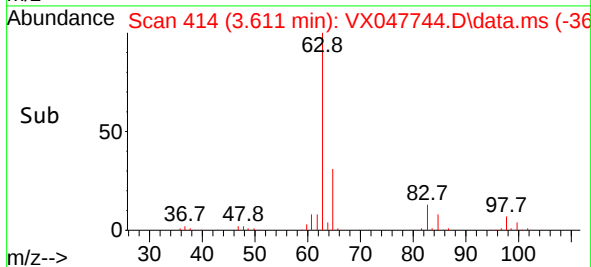
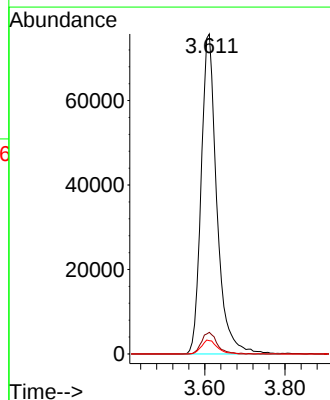
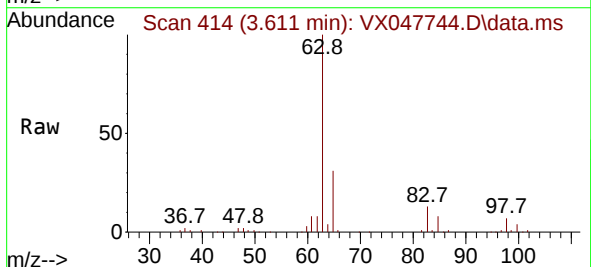
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

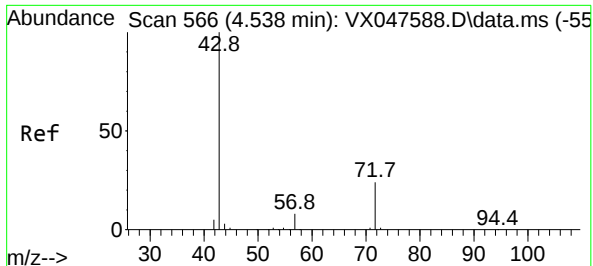
Tgt Ion: 43 Resp: 1566296
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 54.500 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX047744.D
 Acq: 23 Sep 2025 19:00

Tgt Ion: 63 Resp: 205496
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.2 2.3 6.9

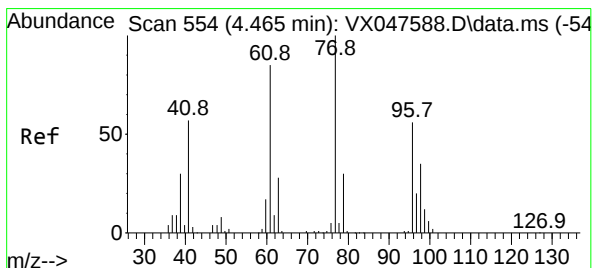
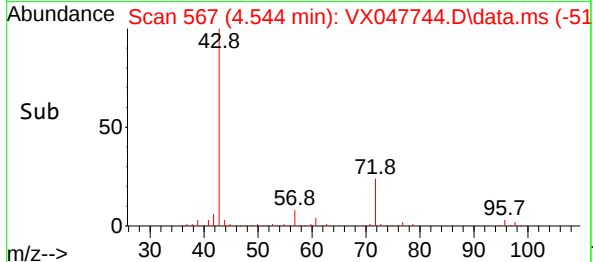
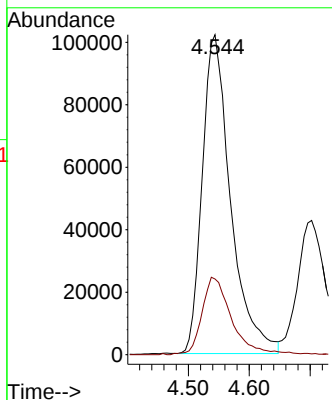
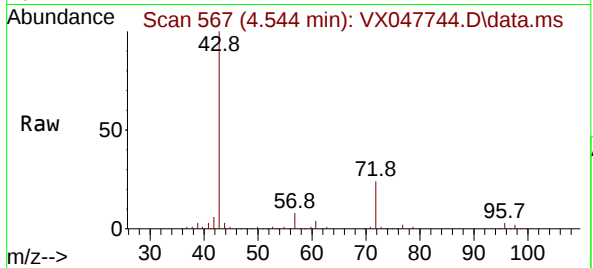




#25
2-Butanone
Concen: 256.128 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

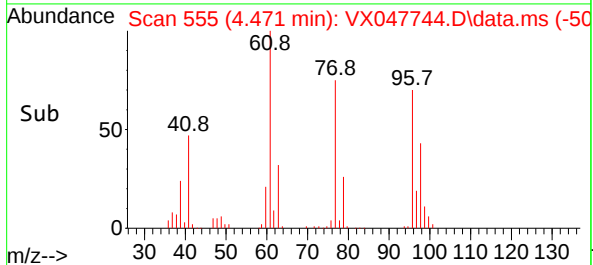
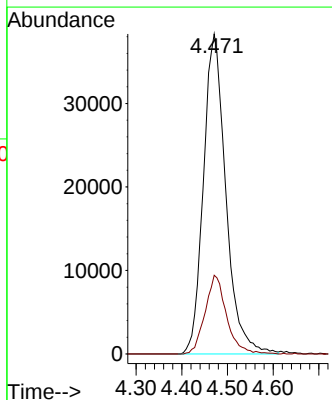
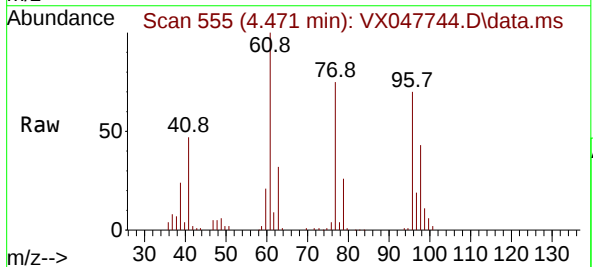
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

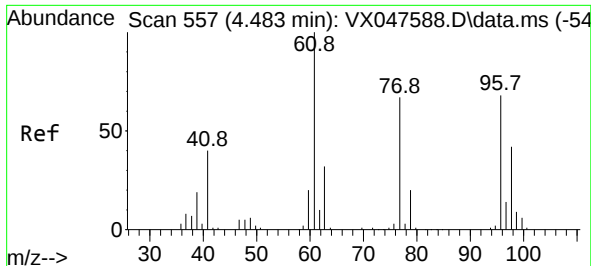
Tgt Ion: 43 Resp: 330135
Ion Ratio Lower Upper
43 100
72 23.4 20.1 30.1



#26
2,2-Dichloropropane
Concen: 41.645 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 77 Resp: 130530
Ion Ratio Lower Upper
77 100
97 23.5 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 55.058 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

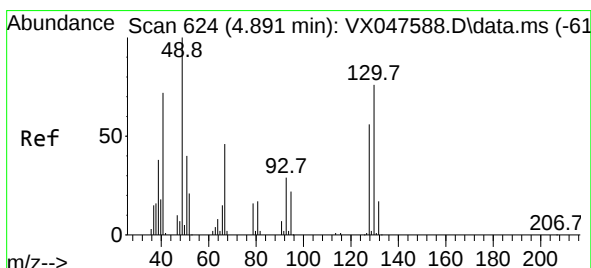
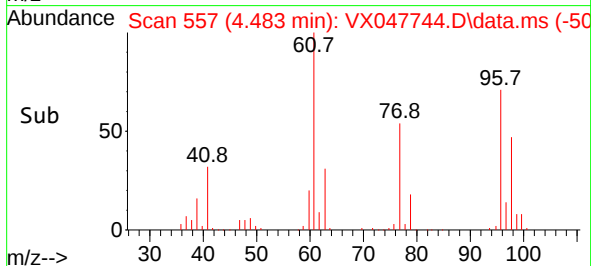
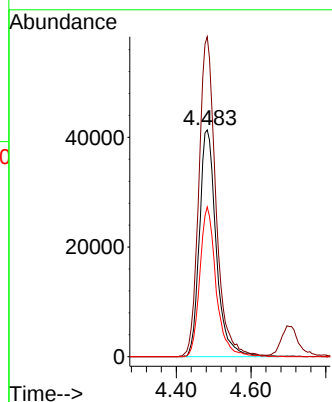
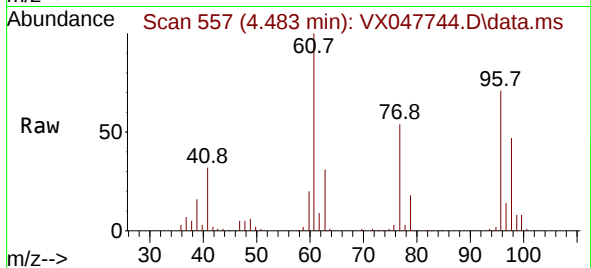
Tgt Ion: 96 Resp: 128773

Ion Ratio Lower Upper

96 100

61 143.3 0.0 303.2

98 64.2 0.0 127.8



#28

Bromochloromethane

Concen: 52.489 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

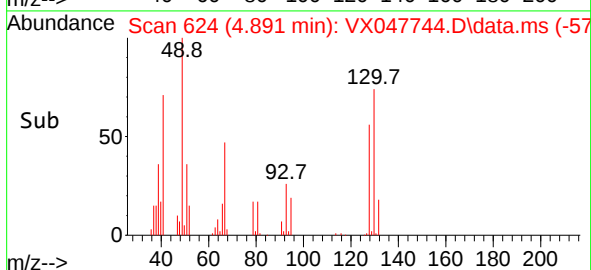
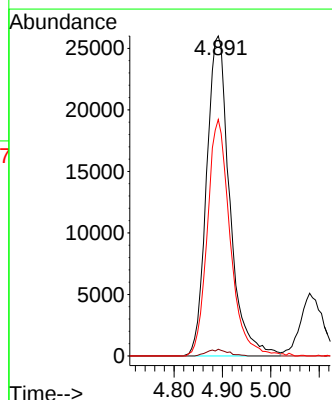
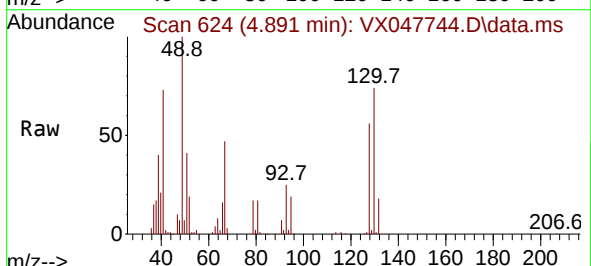
Tgt Ion: 49 Resp: 86403

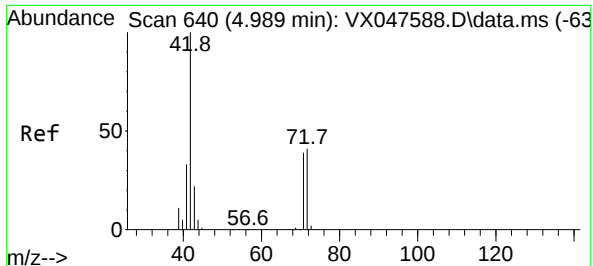
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.2

130 72.8 57.8 86.8





#29

Tetrahydrofuran

Concen: 281.124 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

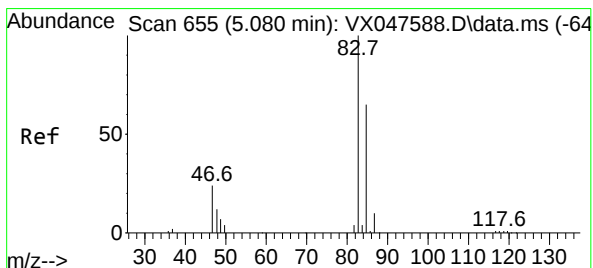
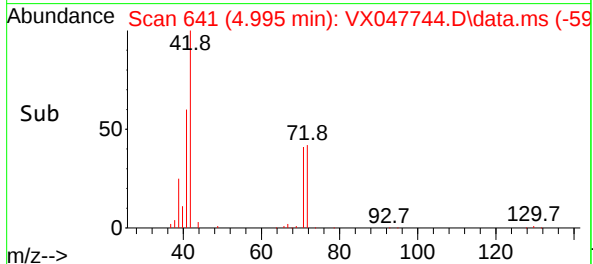
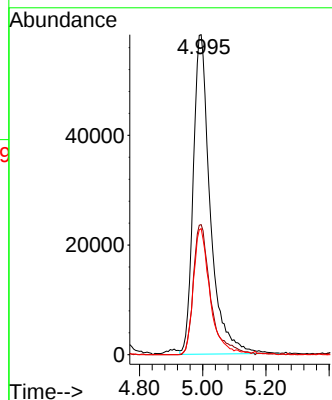
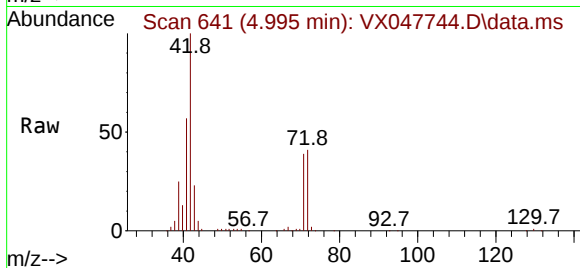
Tgt Ion: 42 Resp: 217984

Ion Ratio Lower Upper

42 100

72 41.5 34.2 51.2

71 39.0 31.9 47.9



#30

Chloroform

Concen: 54.504 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX047744.D

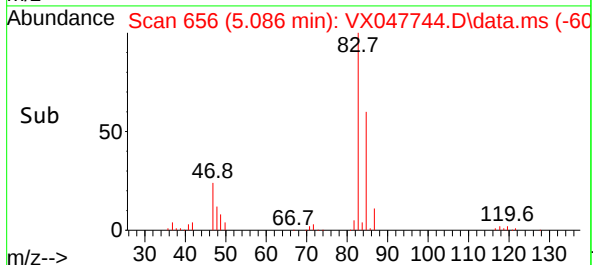
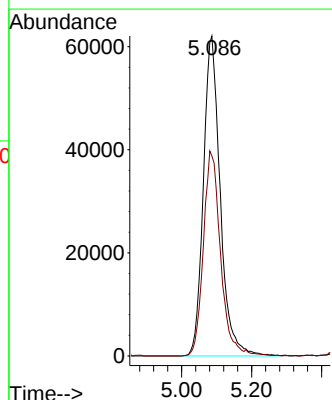
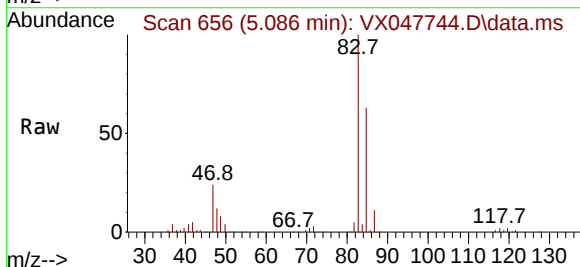
Acq: 23 Sep 2025 19:00

Tgt Ion: 83 Resp: 207673

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.6

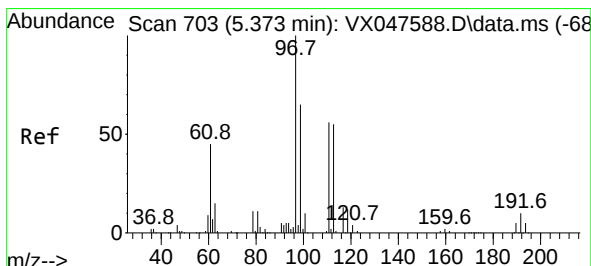
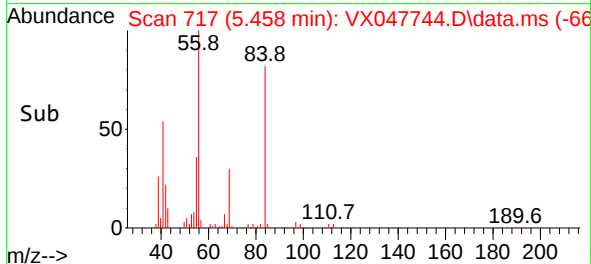
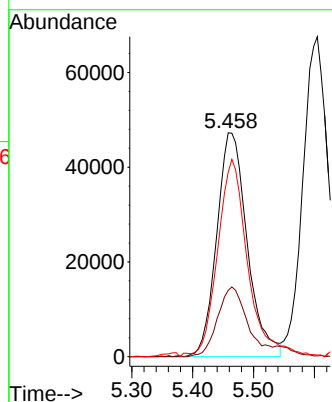
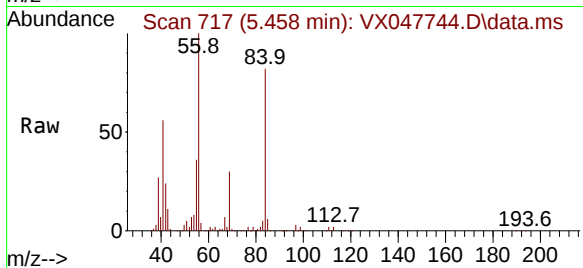




#31
Cyclohexane
Concen: 52.311 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

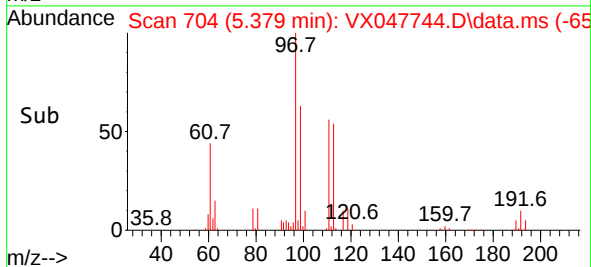
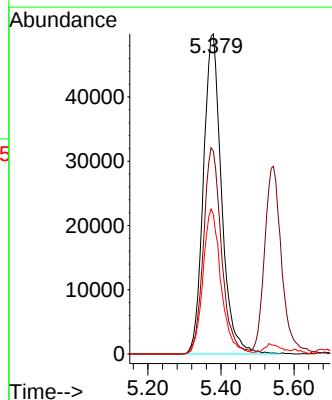
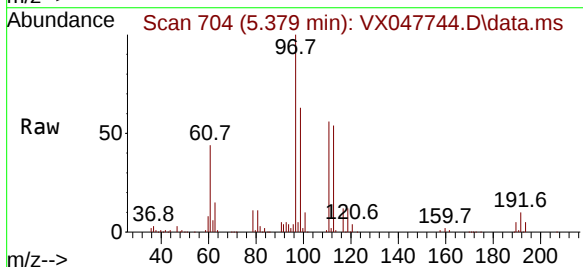
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 164278
Ion Ratio Lower Upper
56 100
69 29.1 23.8 35.8
84 82.3 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 53.110 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 97 Resp: 171647
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 45.0 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 49.065 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

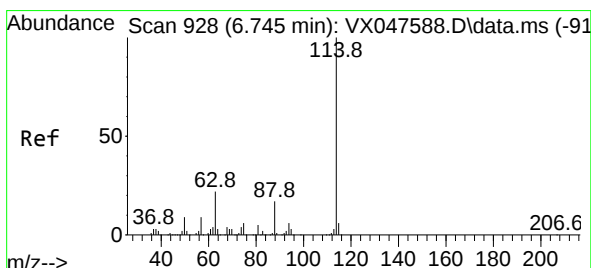
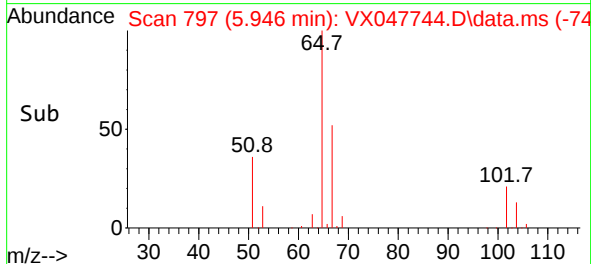
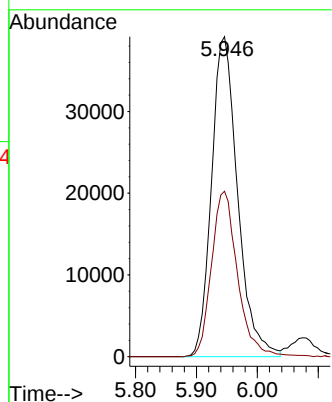
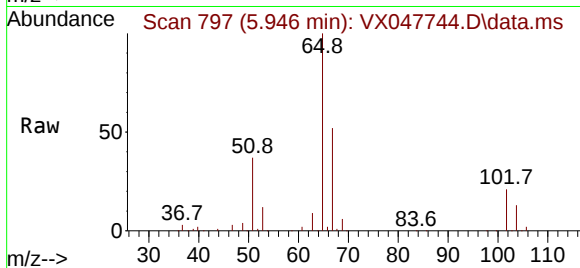
VSTDCCC050EC

Tgt Ion: 65 Resp: 116606

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

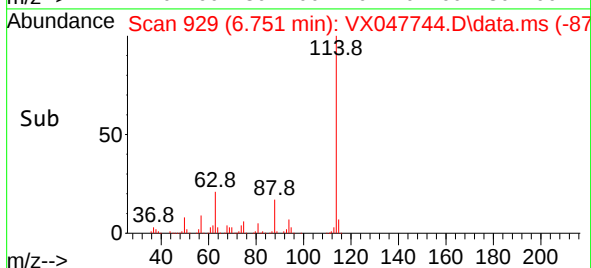
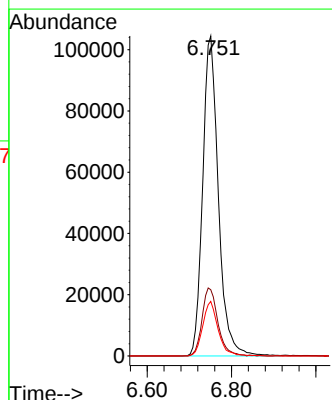
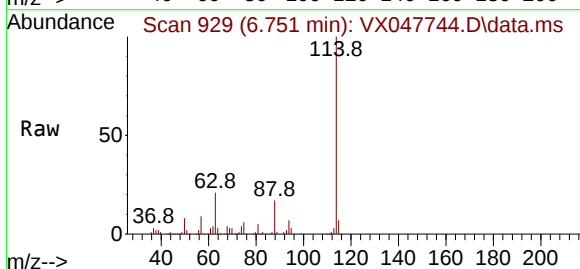
Tgt Ion: 114 Resp: 270355

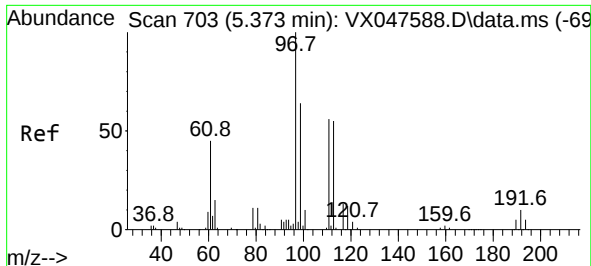
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 17.1 0.0 34.2

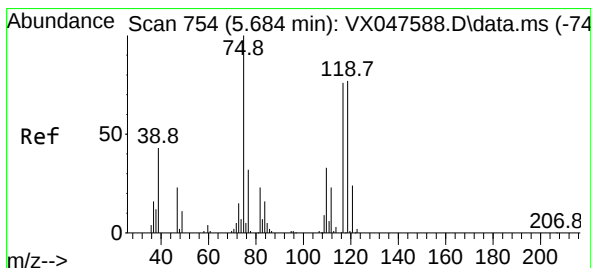
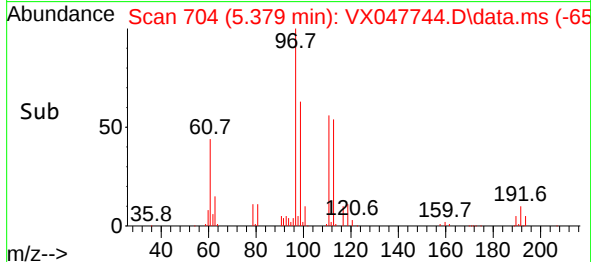
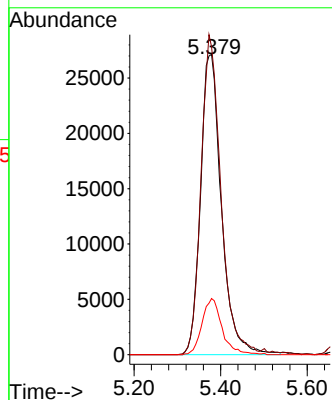
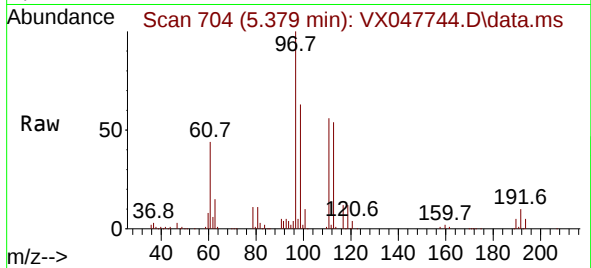




#35
Dibromofluoromethane
Concen: 50.112 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

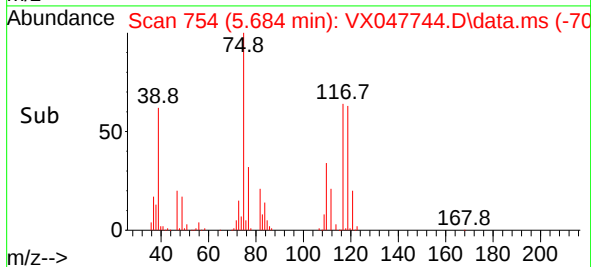
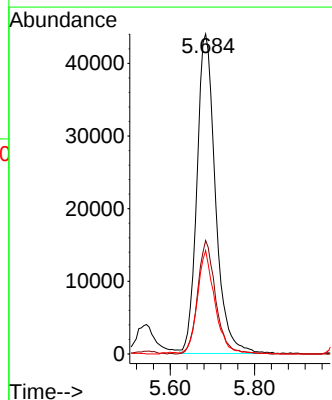
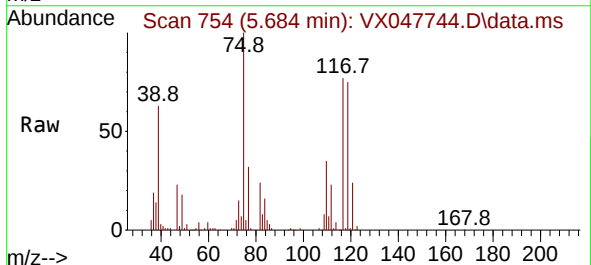
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

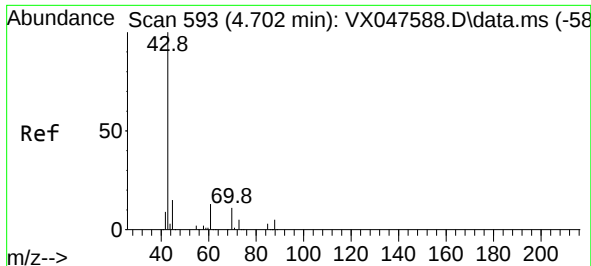
Tgt Ion:113 Resp: 90861
Ion Ratio Lower Upper
113 100
111 101.7 80.9 121.3
192 18.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 50.792 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 75 Resp: 134570
Ion Ratio Lower Upper
75 100
110 34.6 16.7 50.1
77 30.3 24.3 36.5

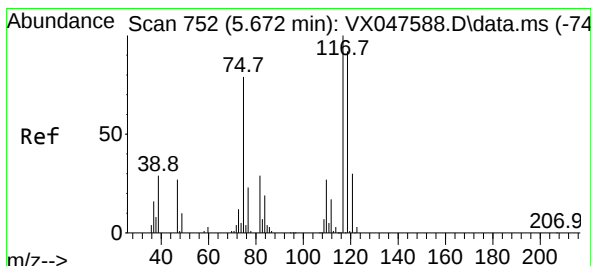
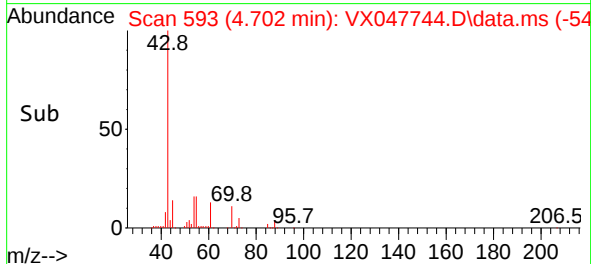
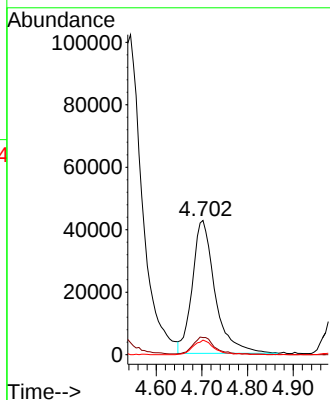
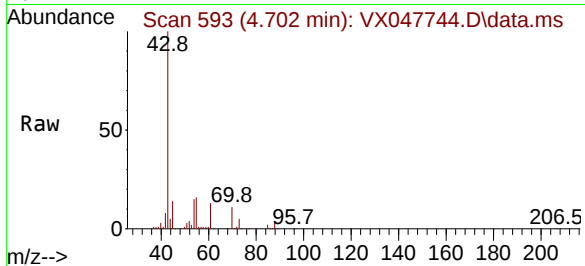




#37
Ethyl Acetate
Concen: 51.600 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

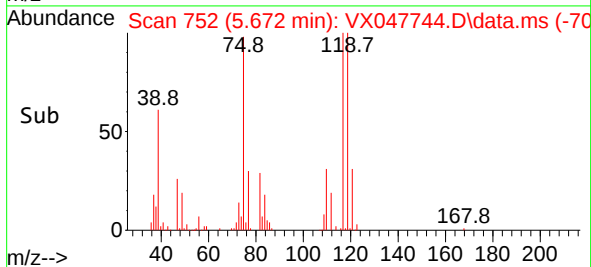
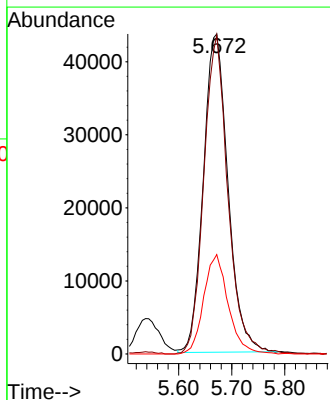
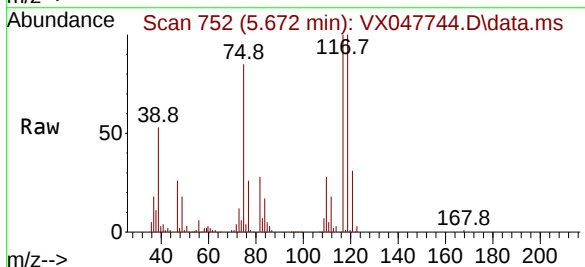
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

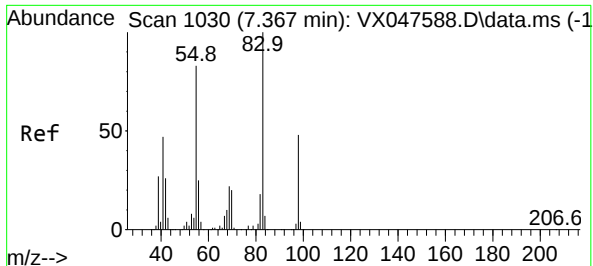
Tgt Ion: 43 Resp: 146380
Ion Ratio Lower Upper
43 100
61 13.2 9.8 14.8
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.026 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 117 Resp: 141128
Ion Ratio Lower Upper
117 100
119 100.0 73.4 110.2
121 31.2 23.8 35.6





#39

Methylcyclohexane

Concen: 51.142 ug/l

RT: 7.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

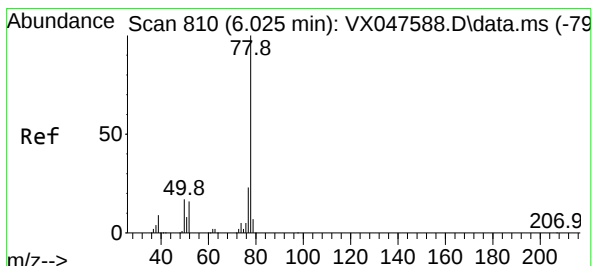
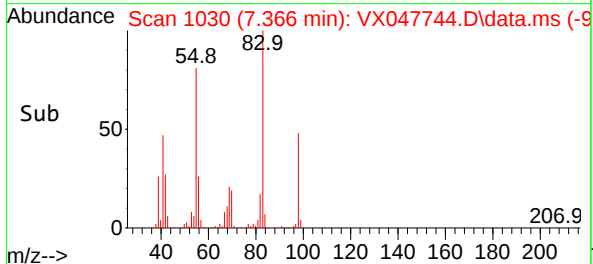
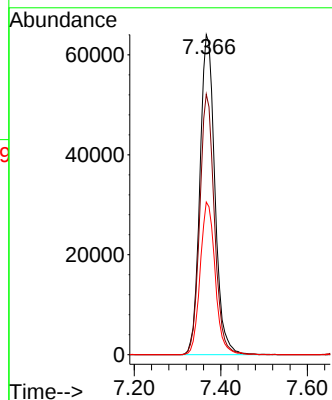
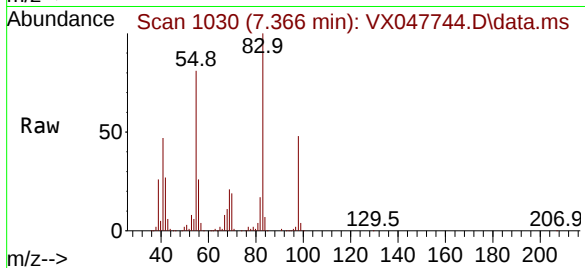
Tgt Ion: 83 Resp: 153808

Ion Ratio Lower Upper

83 100

55 81.4 66.4 99.6

98 47.7 38.1 57.1



#40

Benzene

Concen: 53.282 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX047744.D

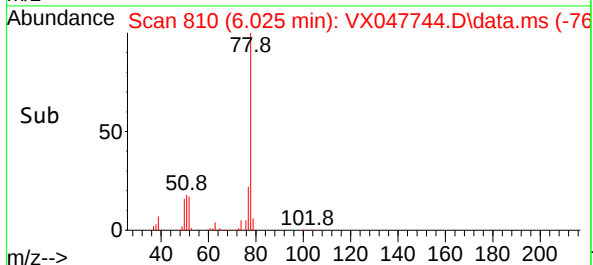
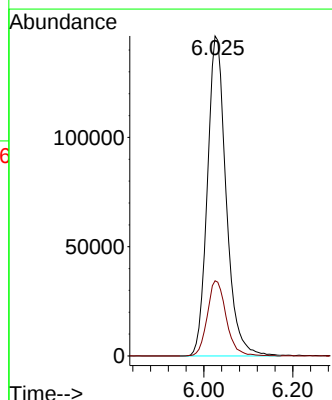
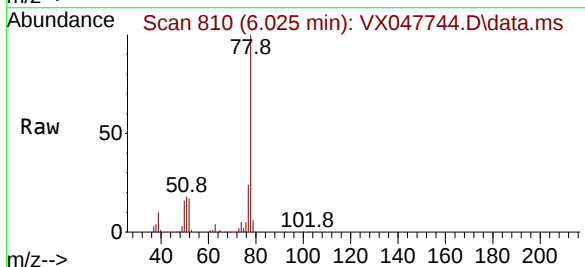
Acq: 23 Sep 2025 19:00

Tgt Ion: 78 Resp: 428760

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2



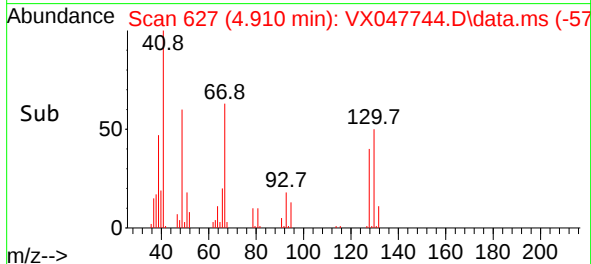
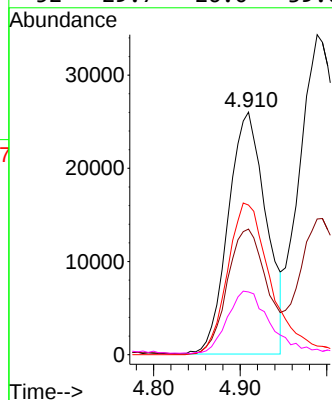
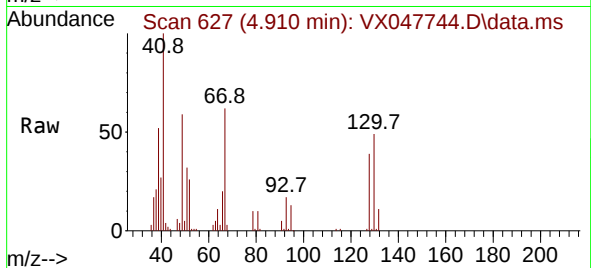


#41
Methacrylonitrile
Concen: 54.104 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 79236

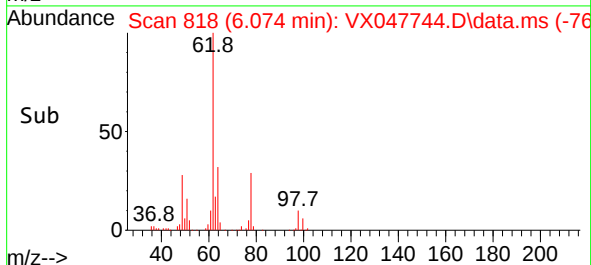
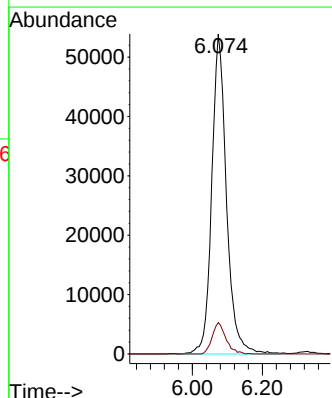
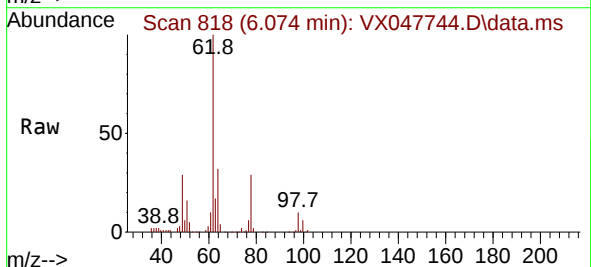
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.3	64.9
67	71.6	58.6	87.8
52	29.7	26.0	39.0



#42
1,2-Dichloroethane
Concen: 51.431 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 62 Resp: 157471

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0

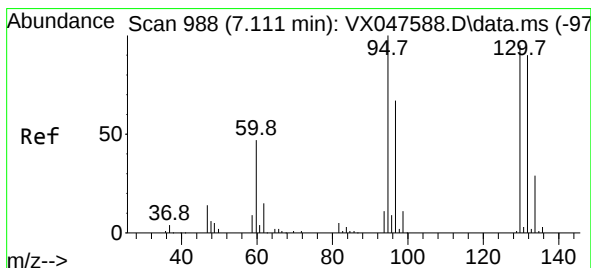
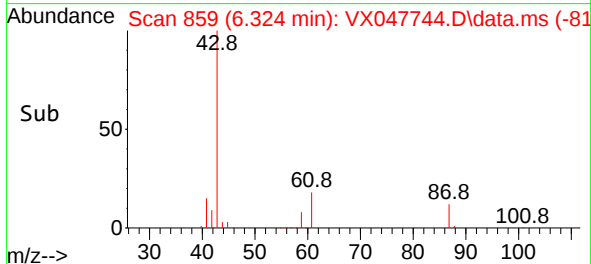
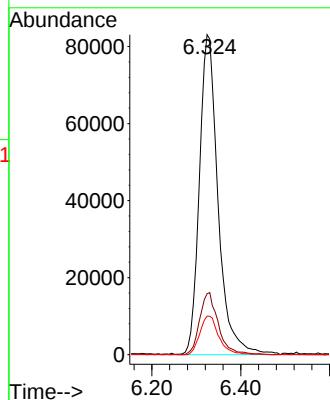
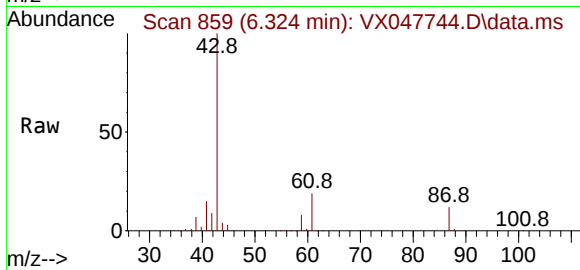




#43
Isopropyl Acetate
Concen: 52.327 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

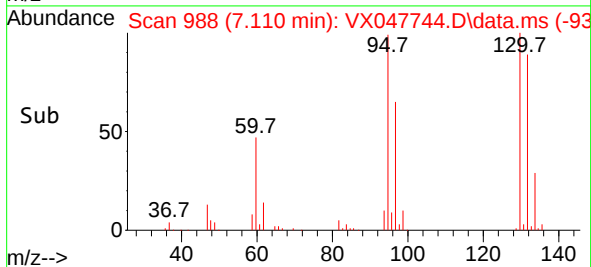
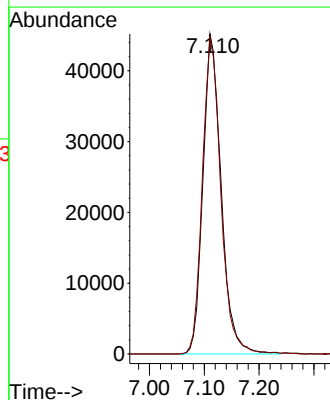
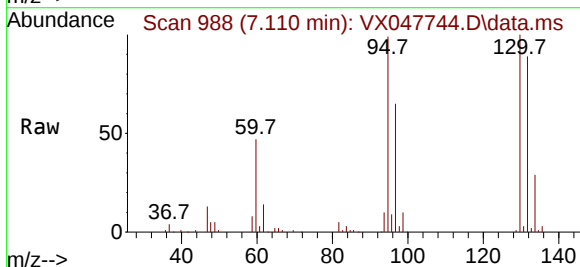
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

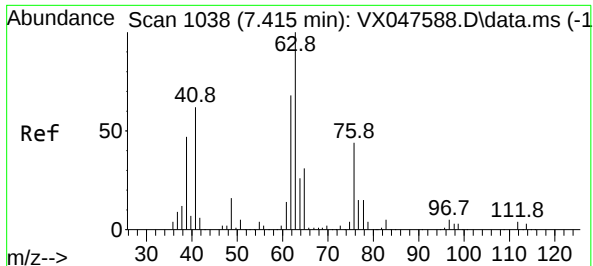
Tgt Ion: 43 Resp: 243453
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 53.576 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion:130 Resp: 104230
Ion Ratio Lower Upper
130 100
95 99.1 0.0 210.8





#45

1,2-Dichloropropane

Concen: 53.818 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

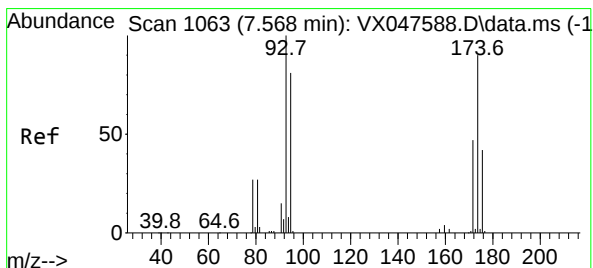
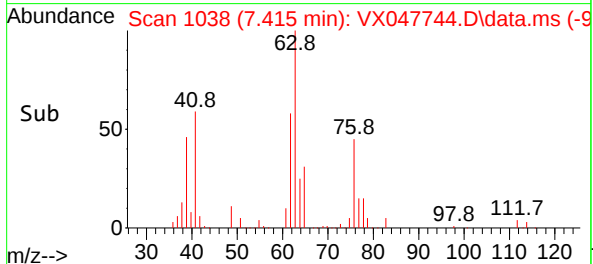
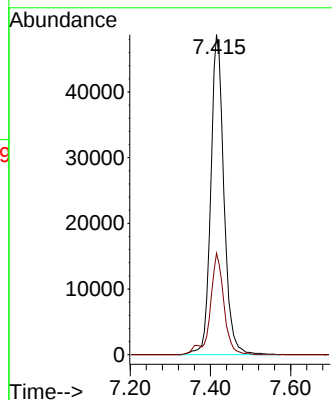
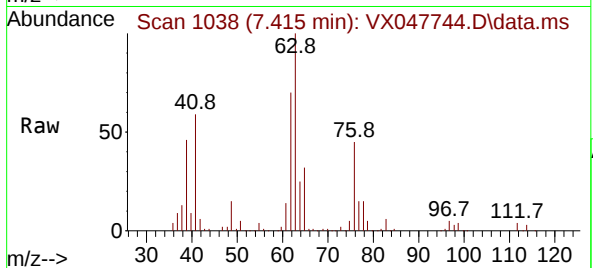
VSTDCCC050EC

Tgt Ion: 63 Resp: 110894

Ion Ratio Lower Upper

63 100

65 31.7 24.7 37.1



#46

Dibromomethane

Concen: 53.104 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

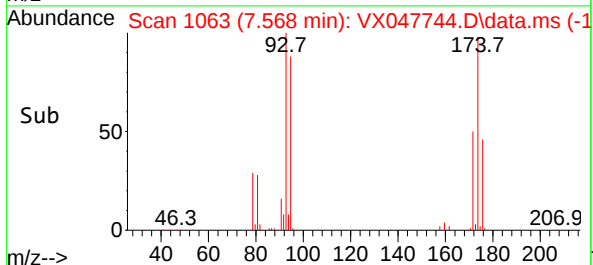
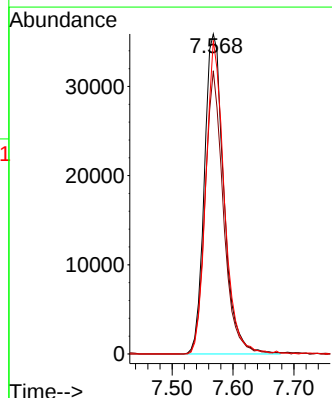
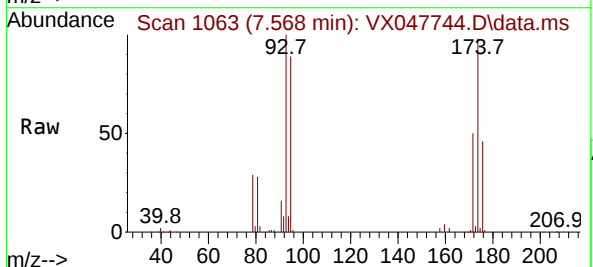
Tgt Ion: 93 Resp: 79627

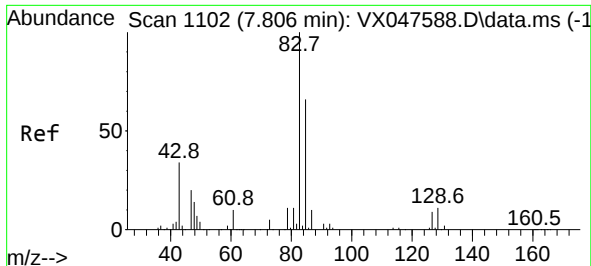
Ion Ratio Lower Upper

93 100

95 83.6 65.0 97.6

174 92.5 71.6 107.4

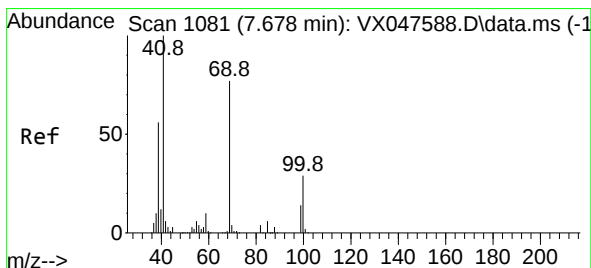
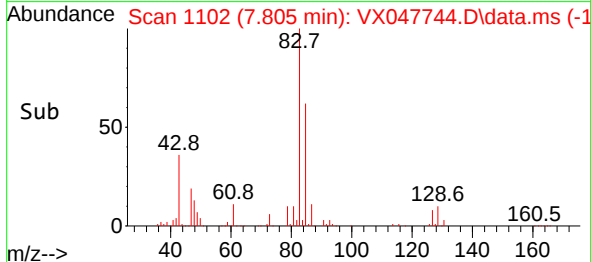
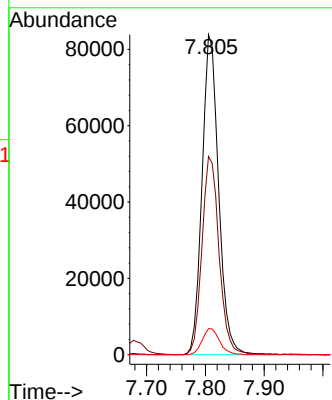
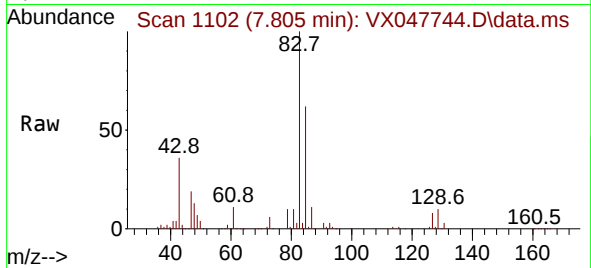




#47
Bromodichloromethane
Concen: 53.077 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

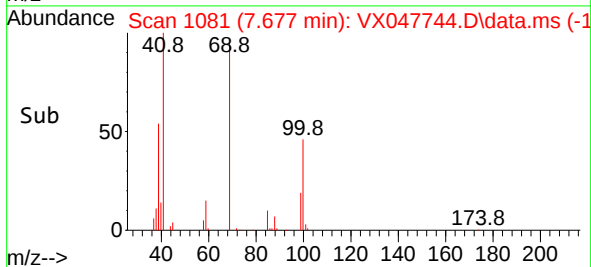
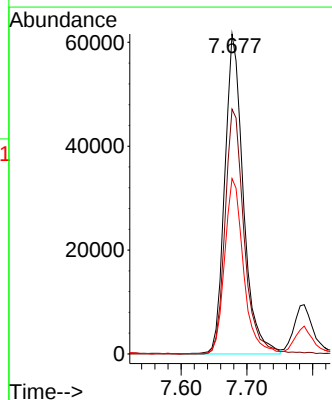
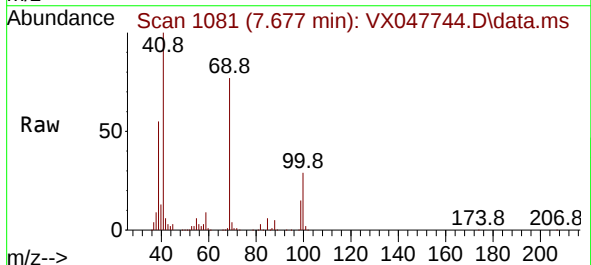
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

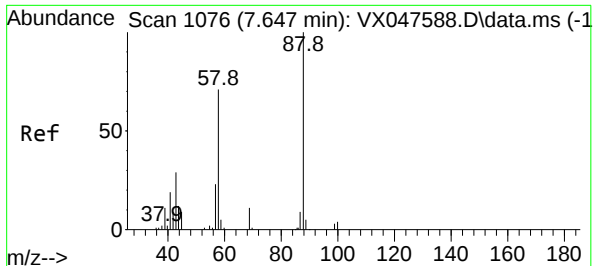
Tgt Ion: 83 Resp: 164232
Ion Ratio Lower Upper
83 100
85 61.8 52.5 78.7
127 8.1 6.9 10.3



#48
Methyl methacrylate
Concen: 52.283 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 41 Resp: 121164
Ion Ratio Lower Upper
41 100
69 78.9 61.4 92.2
39 55.7 45.8 68.6





#49

1,4-Dioxane

Concen: 1196.046 ug/l

RT: 7.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

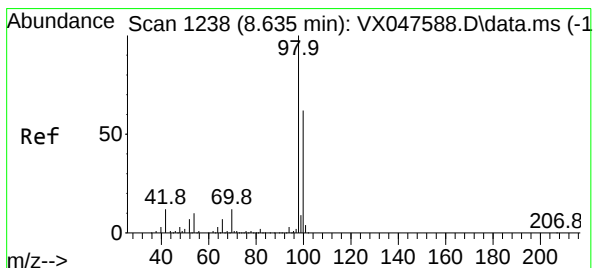
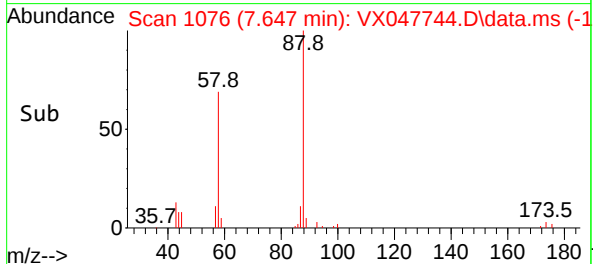
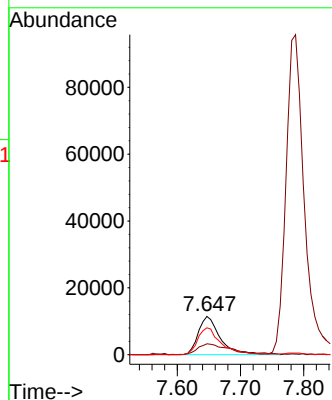
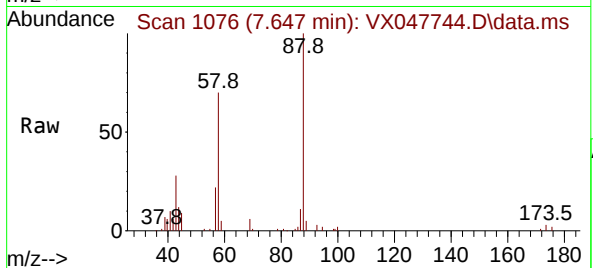
Tgt Ion: 88 Resp: 28012

Ion Ratio Lower Upper

88 100

43 39.5 30.2 45.2

58 74.0 59.5 89.3



#50

Toluene-d8

Concen: 49.087 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047744.D

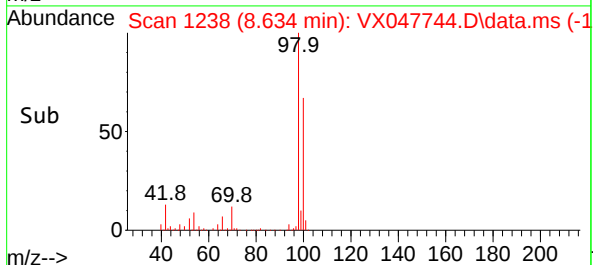
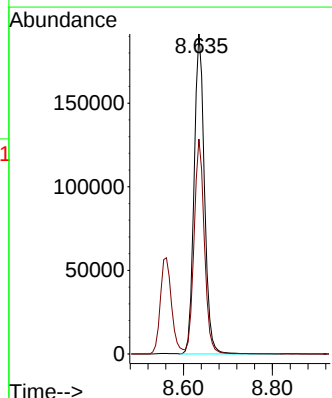
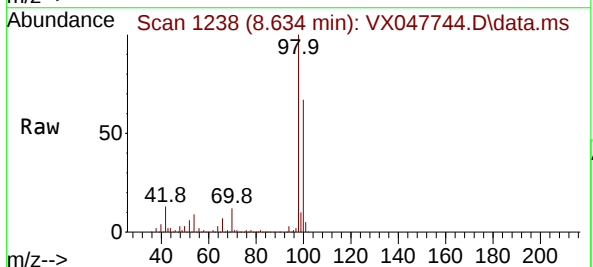
Acq: 23 Sep 2025 19:00

Tgt Ion: 98 Resp: 307967

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4

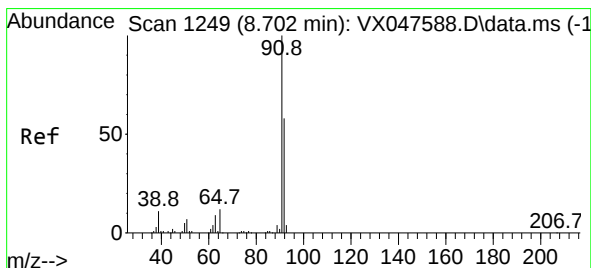
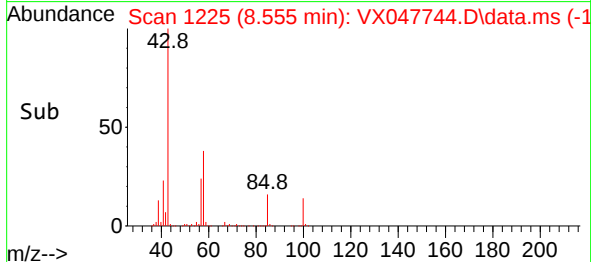
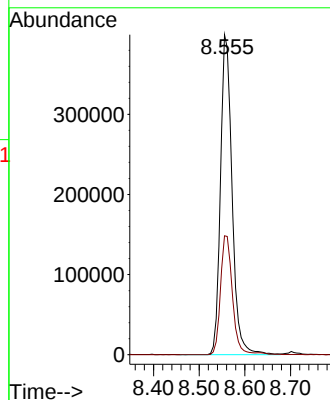
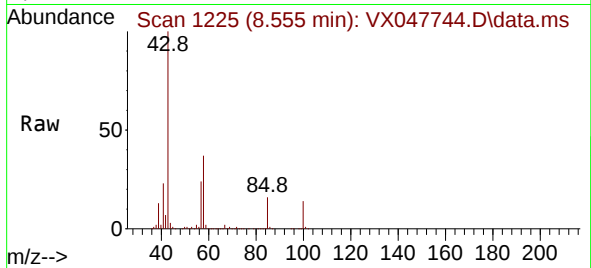




#51
4-Methyl-2-Pentanone
Concen: 272.809 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

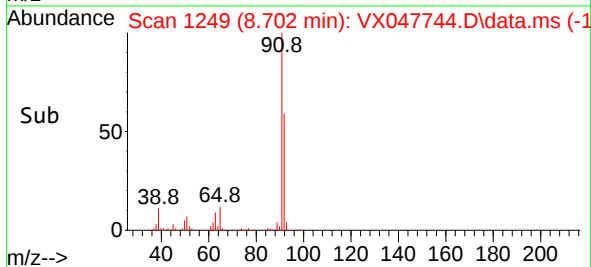
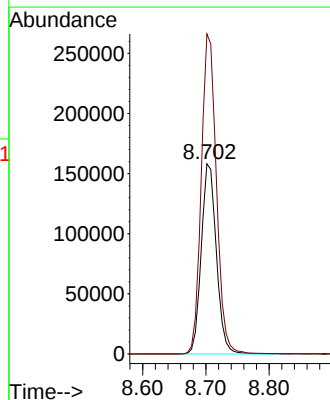
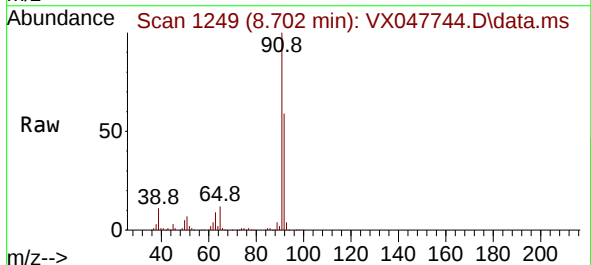
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

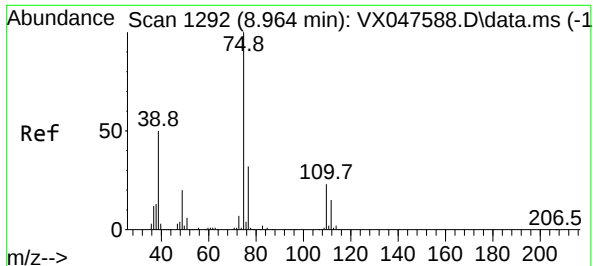
Tgt Ion: 43 Resp: 703728
Ion Ratio Lower Upper
43 100
58 37.9 30.3 45.5



#52
Toluene
Concen: 53.113 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 92 Resp: 263320
Ion Ratio Lower Upper
92 100
91 169.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 50.499 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

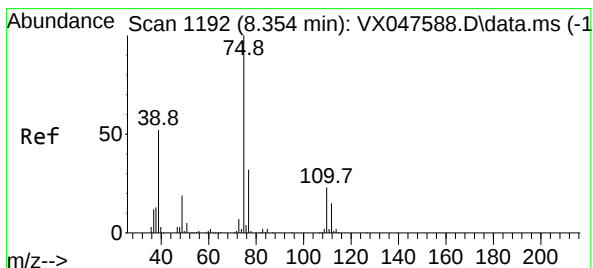
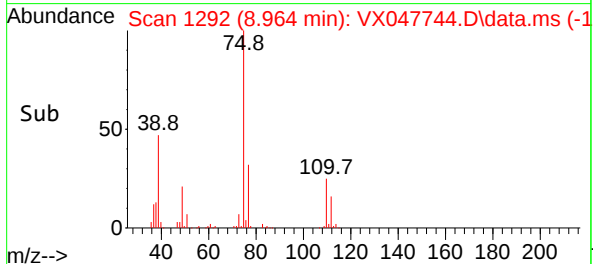
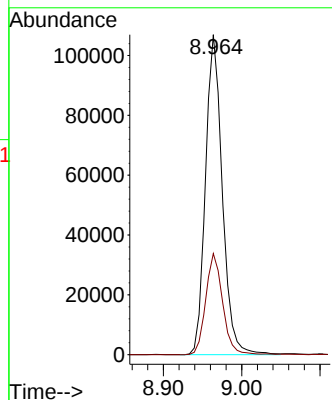
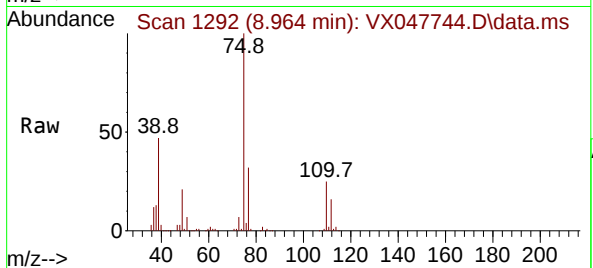
VSTDCCC050EC

Tgt Ion: 75 Resp: 159381

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.421 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

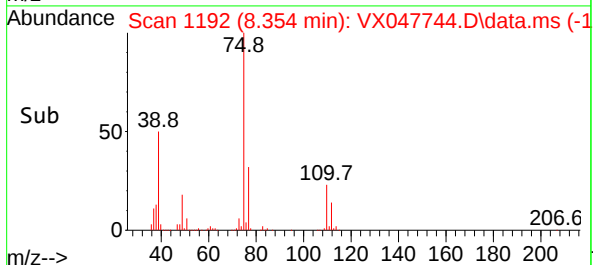
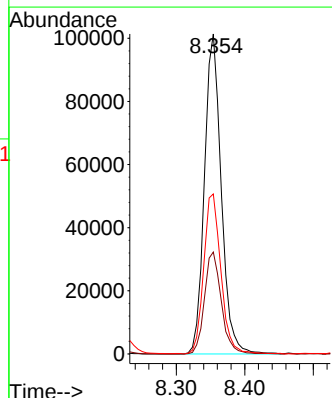
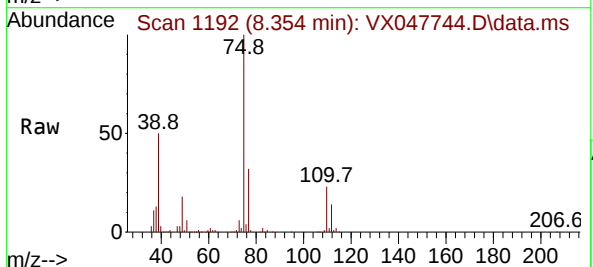
Tgt Ion: 75 Resp: 173466

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 49.8 41.4 62.2

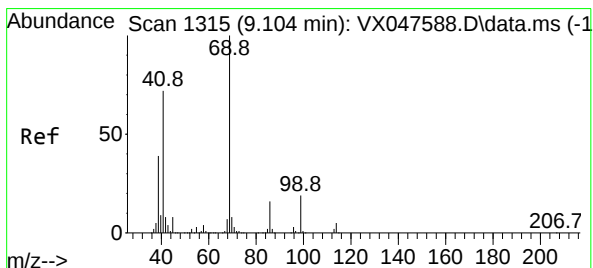
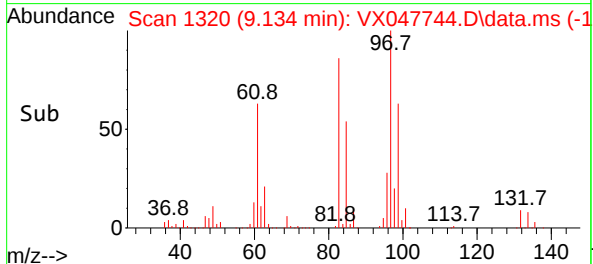
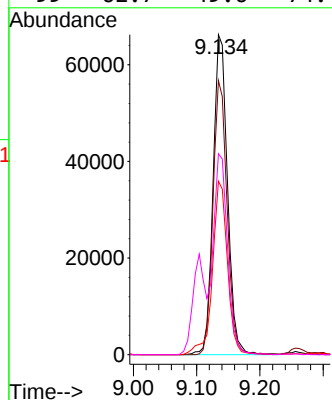
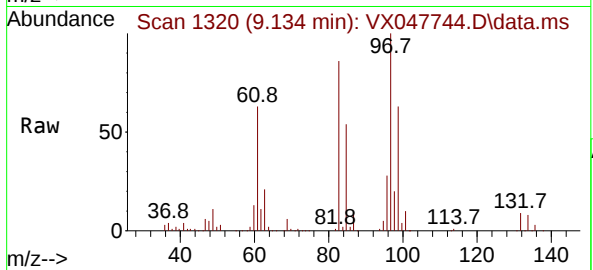




#55
1,1,2-Trichloroethane
Concen: 54.692 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

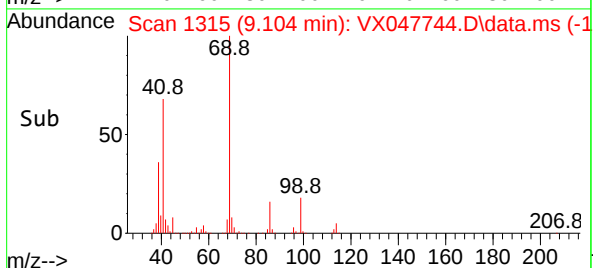
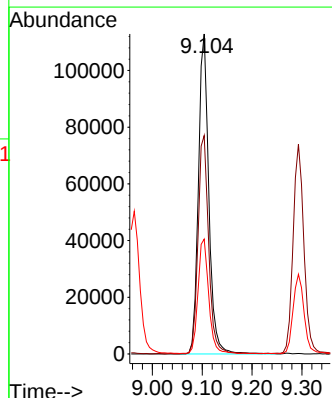
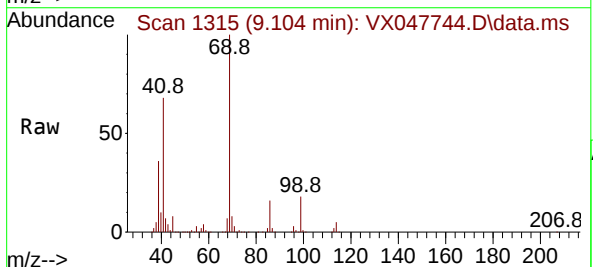
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	104553
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.6	104.4
85	54.2	45.0	67.6
99	62.7	49.6	74.4



#56
Ethyl methacrylate
Concen: 54.448 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion:	69	Resp:	163467
Ion	Ratio	Lower	Upper
69	100		
41	69.6	58.6	87.8
39	36.6	31.5	47.3





#57

1,3-Dichloropropane

Concen: 54.560 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

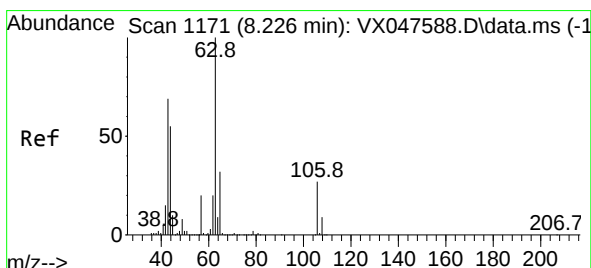
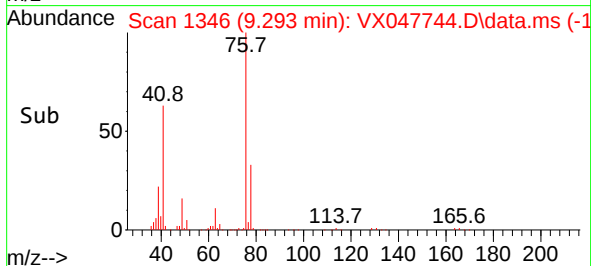
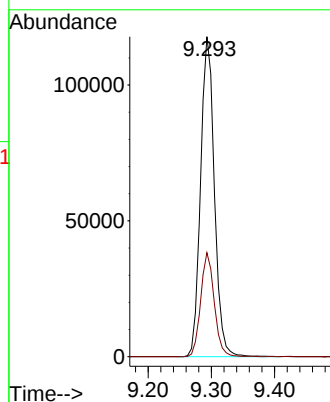
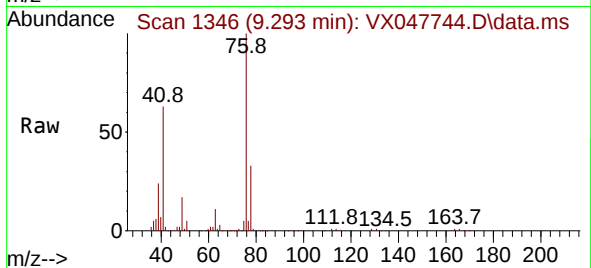
VSTDCCC050EC

Tgt Ion: 76 Resp: 179171

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 251.172 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047744.D

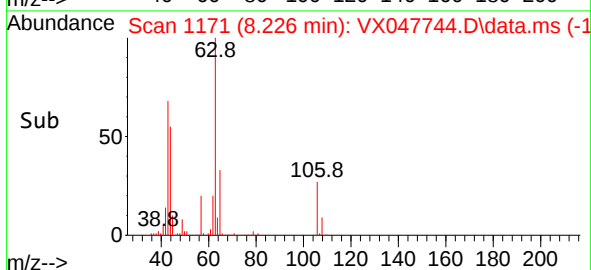
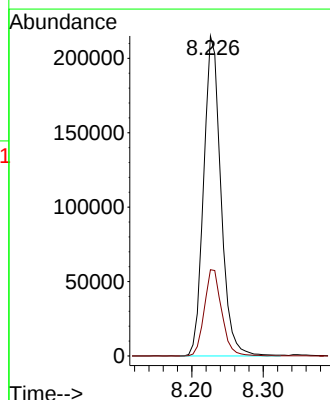
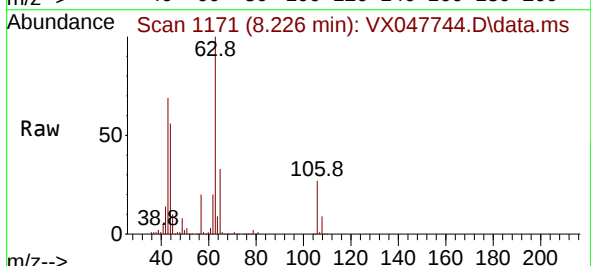
Acq: 23 Sep 2025 19:00

Tgt Ion: 63 Resp: 360369

Ion Ratio Lower Upper

63 100

106 27.2 21.9 32.9

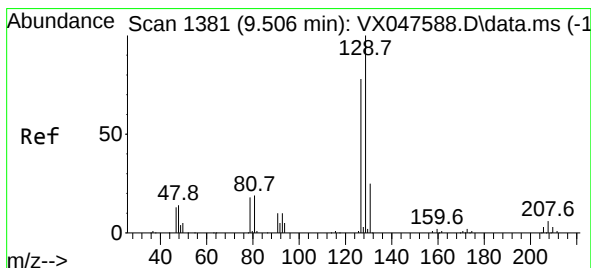
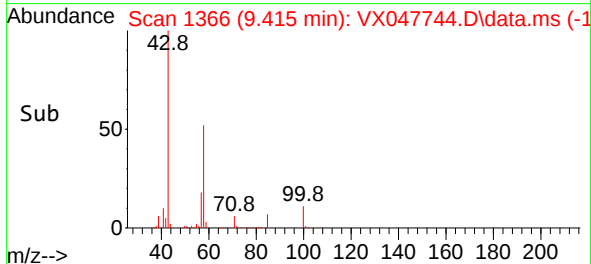
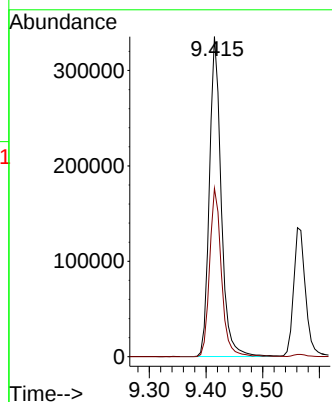
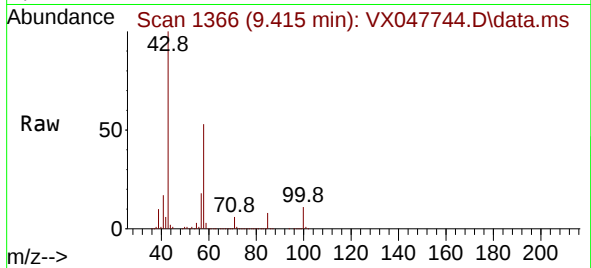




#59
2-Hexanone
Concen: 260.895 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

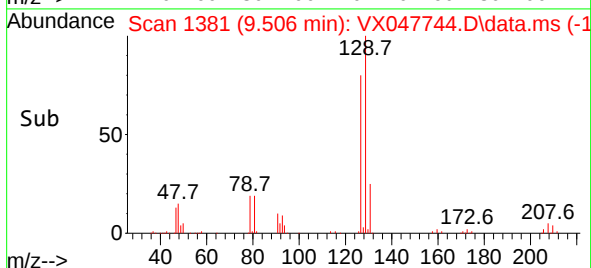
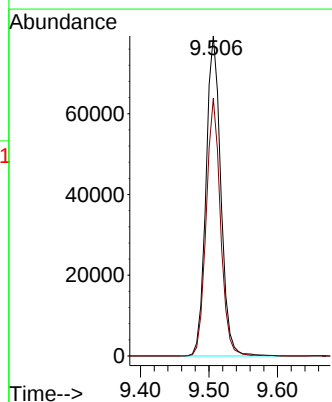
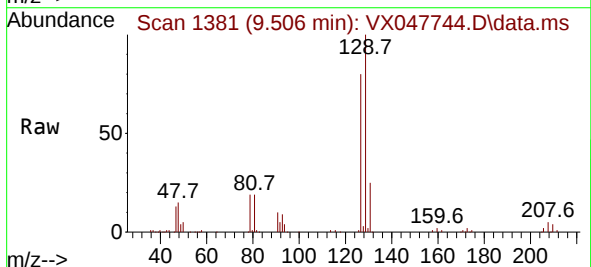
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

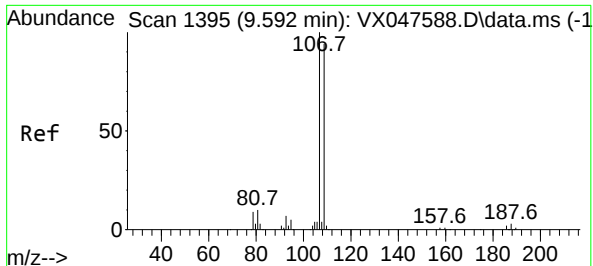
Tgt Ion: 43 Resp: 483347
Ion Ratio Lower Upper
43 100
58 53.0 26.1 78.2



#60
Dibromochloromethane
Concen: 54.078 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion:129 Resp: 119117
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 54.937 ug/l

RT: 9.592 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

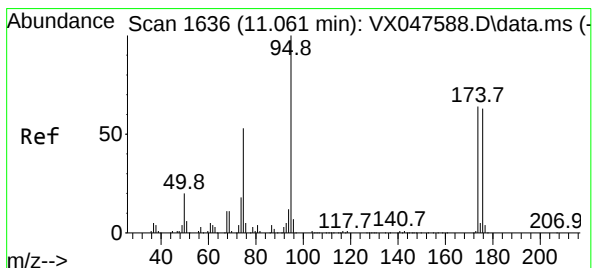
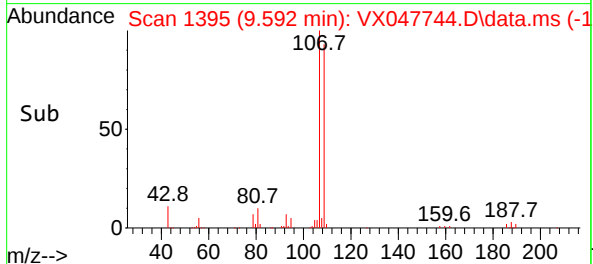
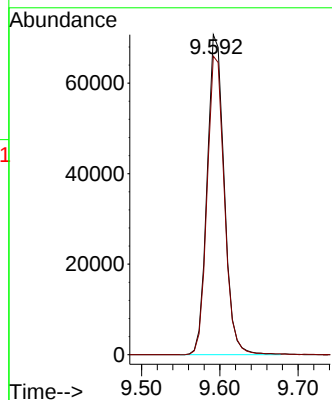
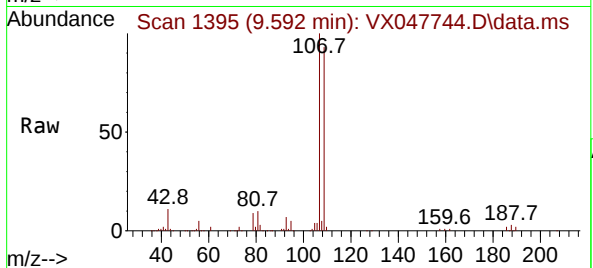
VSTDCCC050EC

Tgt Ion:107 Resp: 106971

Ion Ratio Lower Upper

107 100

109 94.3 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 49.307 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

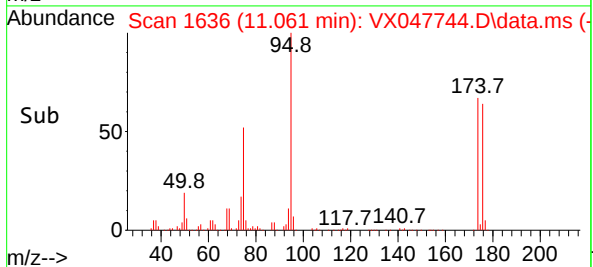
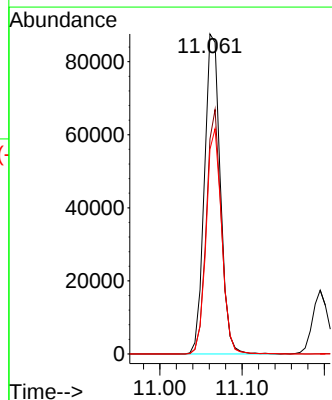
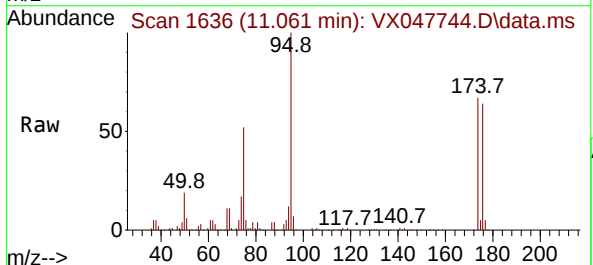
Tgt Ion: 95 Resp: 117402

Ion Ratio Lower Upper

95 100

174 72.2 0.0 141.6

176 69.0 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: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

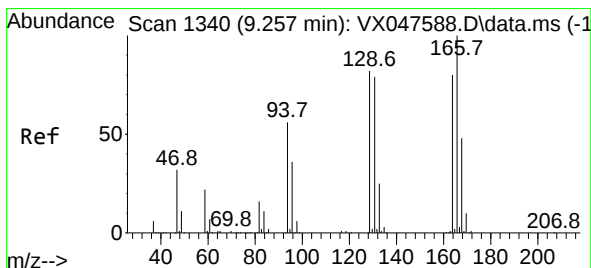
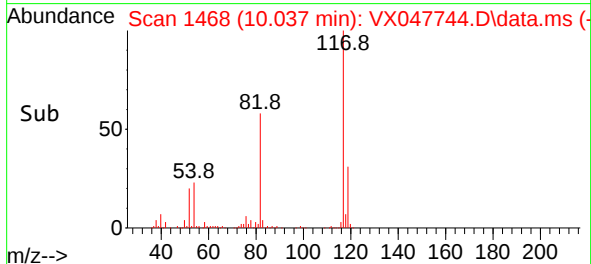
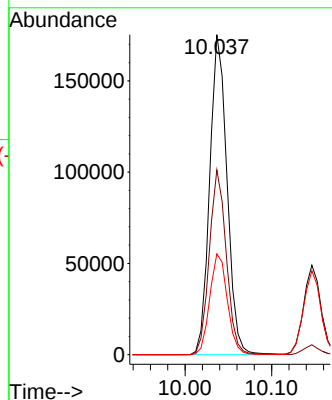
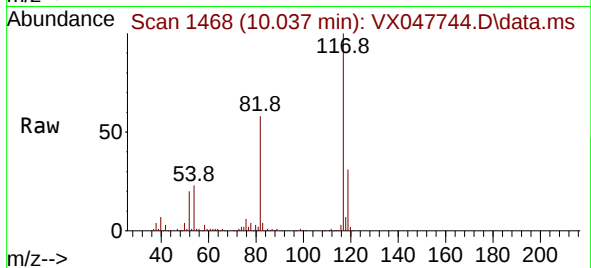
Tgt Ion:117 Resp: 243306

Ion Ratio Lower Upper

117 100

82 57.7 47.8 71.6

119 31.5 25.2 37.8



#64

Tetrachloroethene

Concen: 51.765 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Tgt Ion:164 Resp: 82104

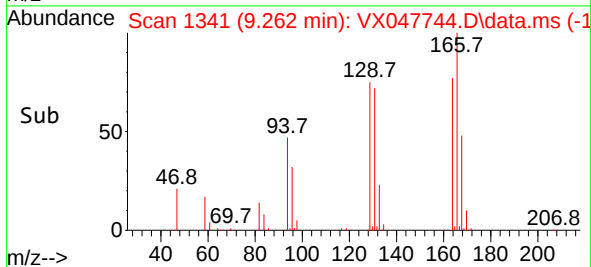
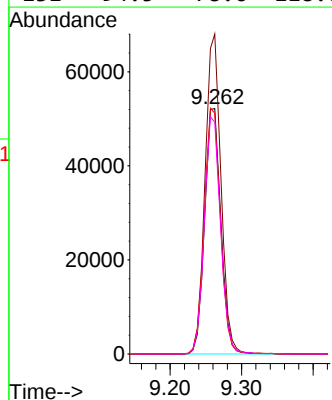
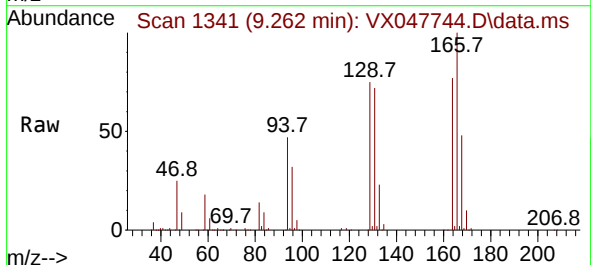
Ion Ratio Lower Upper

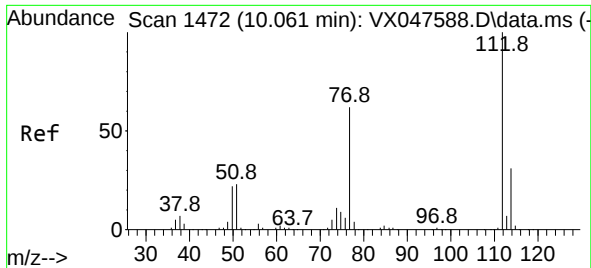
164 100

166 130.4 100.2 150.2

129 98.1 81.8 122.6

131 94.5 78.6 118.0

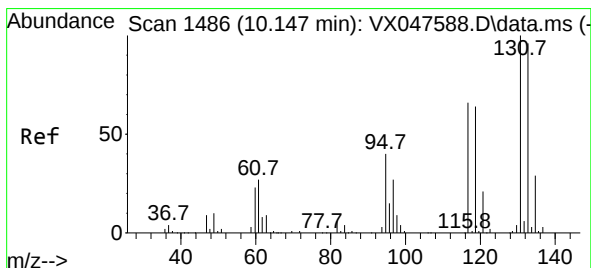
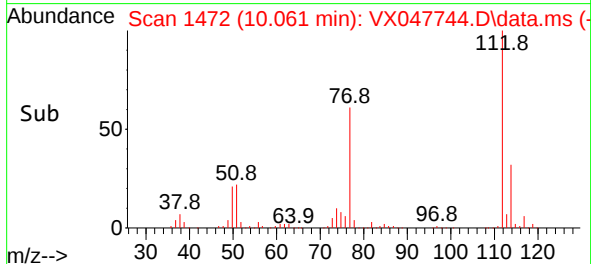
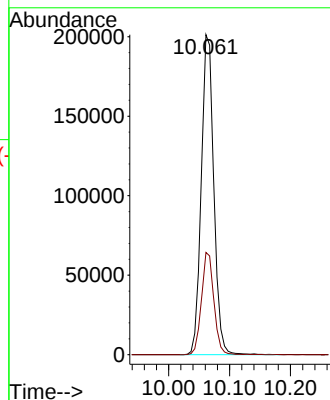
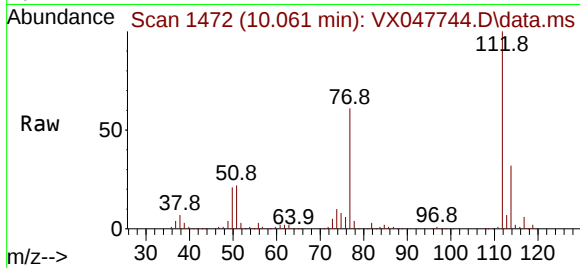




#65
Chlorobenzene
Concen: 52.159 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

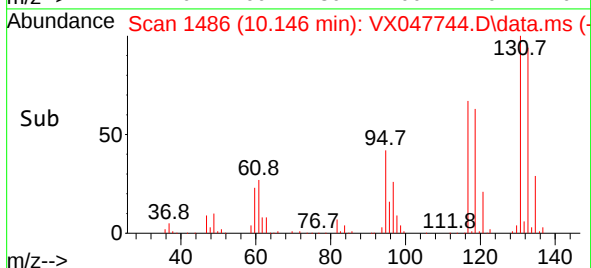
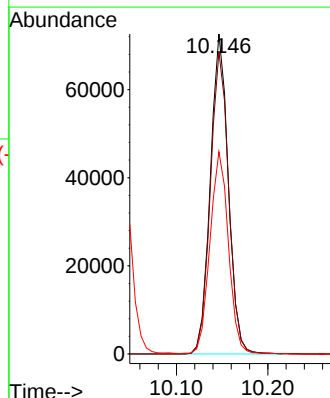
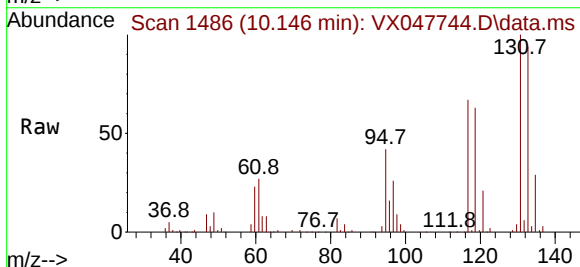
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

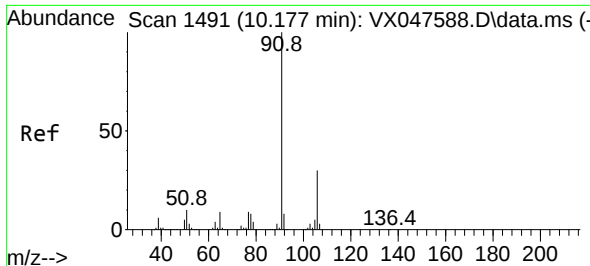
Tgt Ion:112 Resp: 288305
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.810 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion:131 Resp: 98820
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 65.2 32.0 96.0





#67

Ethyl Benzene

Concen: 51.527 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

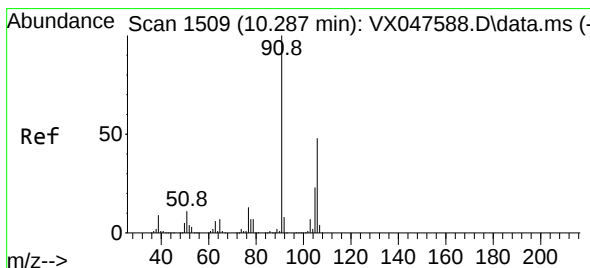
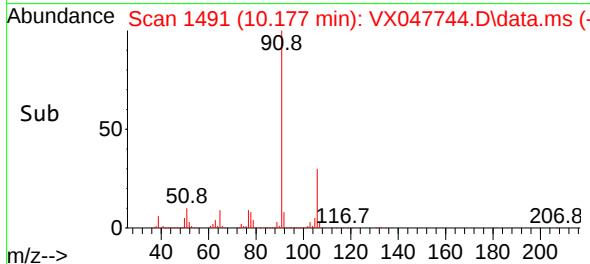
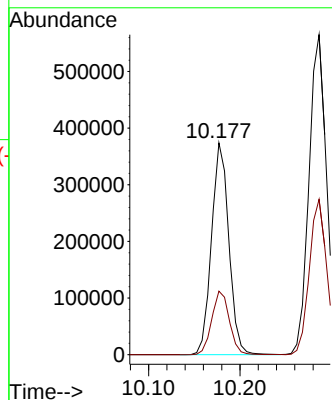
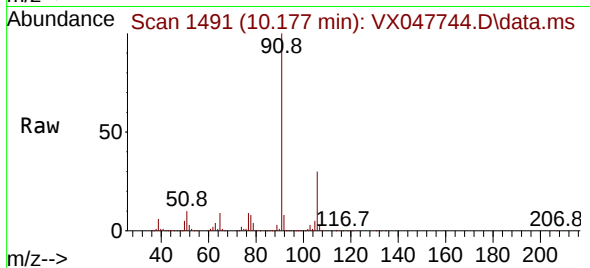
VSTDCCC050EC

Tgt Ion: 91 Resp: 491426

Ion Ratio Lower Upper

91 100

106 30.0 24.3 36.5



#68

m/p-Xylenes

Concen: 103.518 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX047744.D

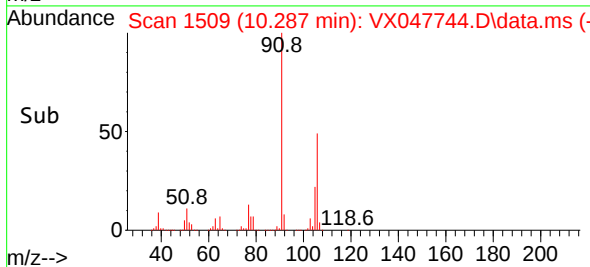
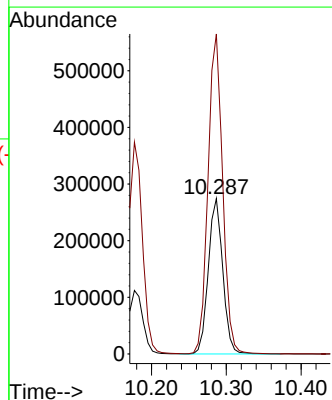
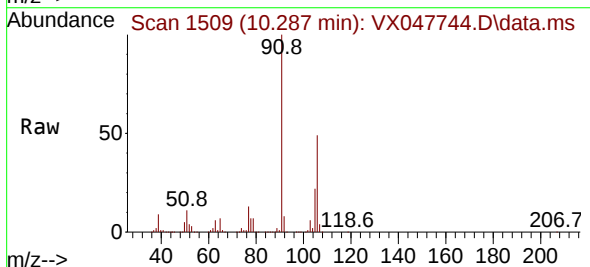
Acq: 23 Sep 2025 19:00

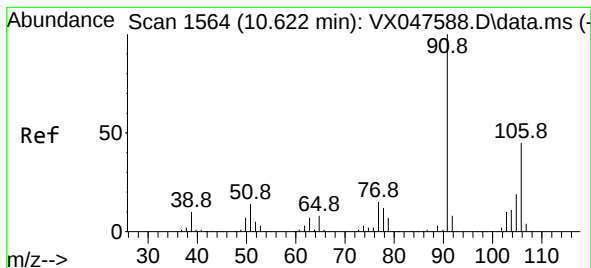
Tgt Ion: 106 Resp: 367469

Ion Ratio Lower Upper

106 100

91 208.6 167.8 251.8





#69

o-Xylene

Concen: 52.511 ug/l

RT: 10.628 min Scan# 1564

Delta R.T. 0.006 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

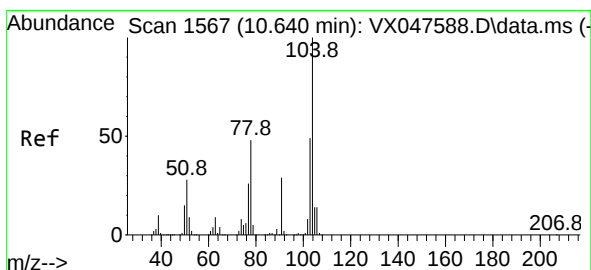
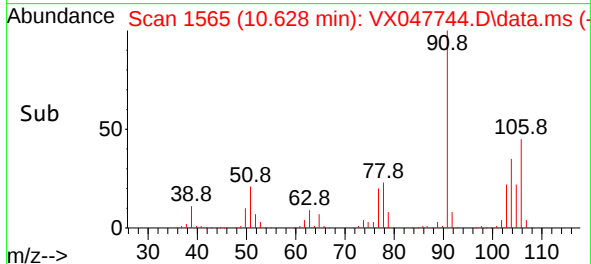
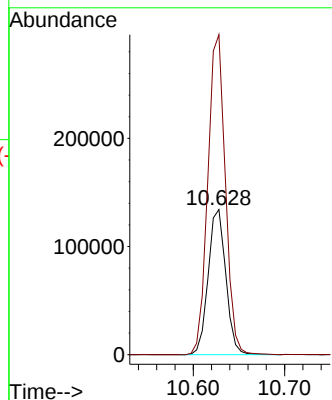
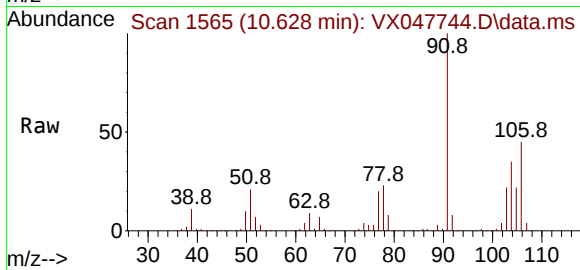
VSTDCCC050EC

Tgt Ion:106 Resp: 180297

Ion Ratio Lower Upper

106 100

91 219.4 111.1 333.4



#70

Styrene

Concen: 52.779 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

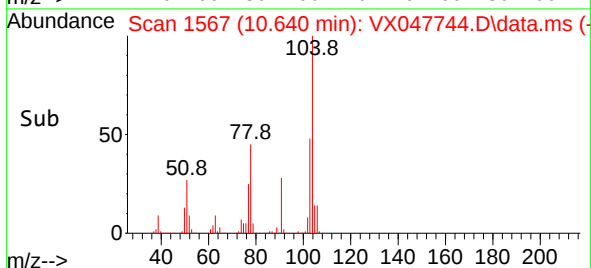
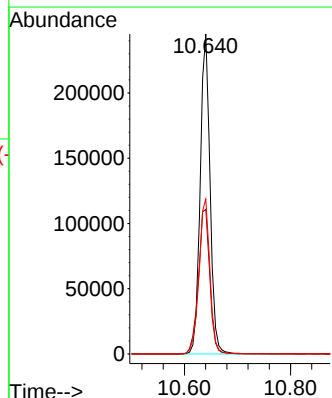
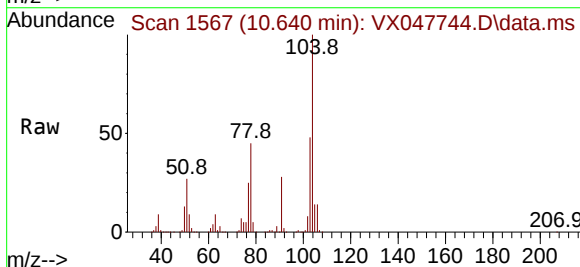
Tgt Ion:104 Resp: 317529

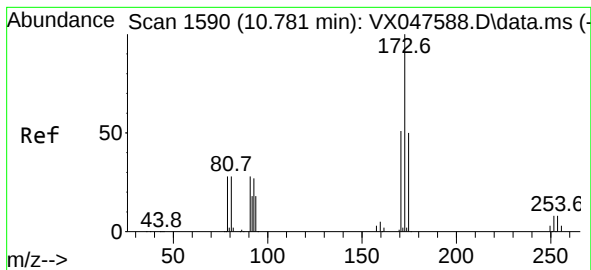
Ion Ratio Lower Upper

104 100

78 52.2 43.1 64.7

103 53.6 43.1 64.7





#71

Bromoform

Concen: 52.097 ug/l

RT: 10.780 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

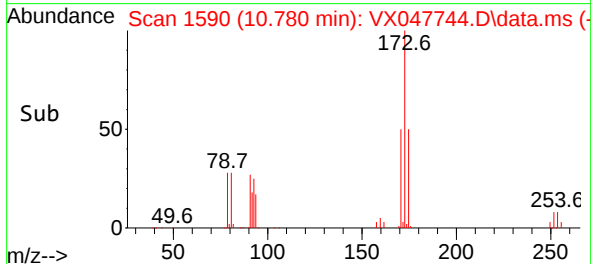
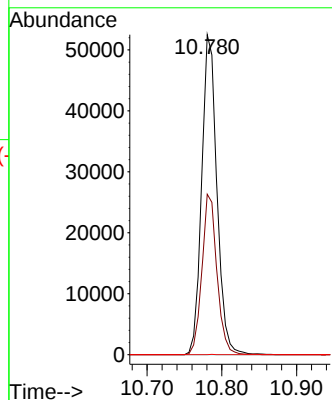
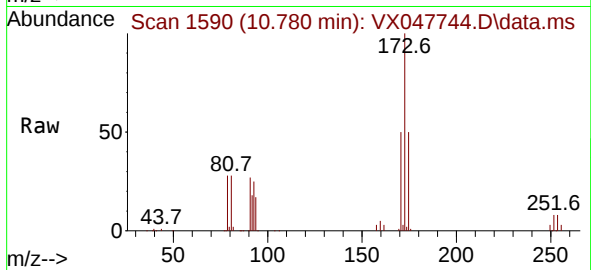
Tgt Ion:173 Resp: 74197

Ion Ratio Lower Upper

173 100

175 49.4 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

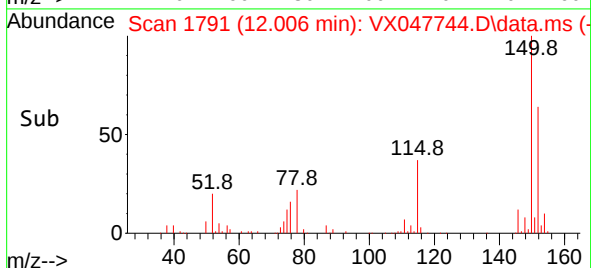
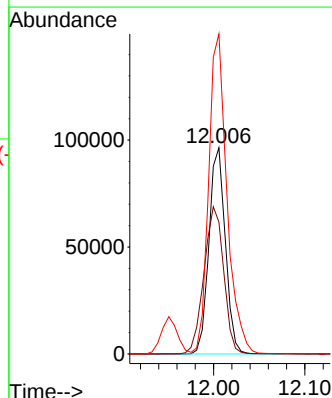
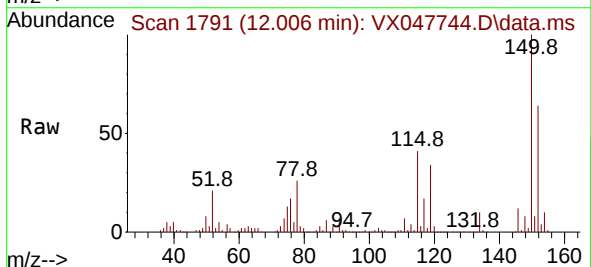
Tgt Ion:152 Resp: 119961

Ion Ratio Lower Upper

152 100

115 86.2 44.9 134.5

150 173.4 0.0 352.0

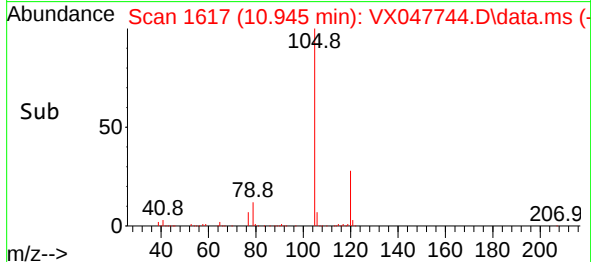
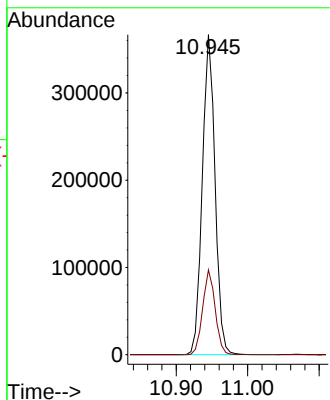
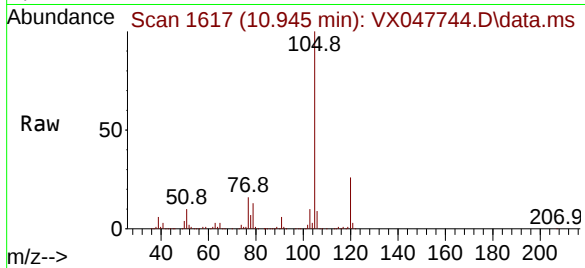




#73
Isopropylbenzene
Concen: 49.722 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

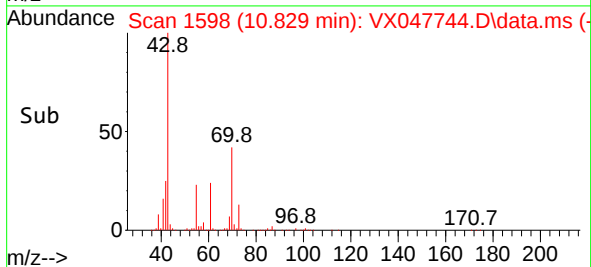
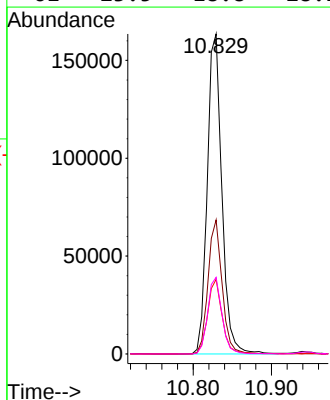
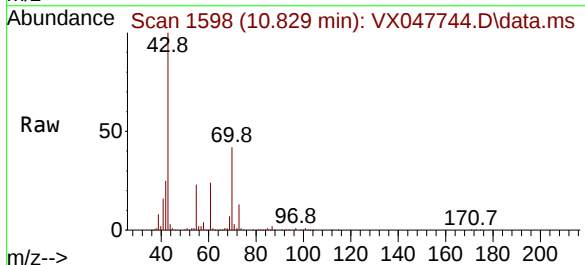
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 453473
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#74
N-ethyl acetate
Concen: 50.685 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 43 Resp: 210798
Ion Ratio Lower Upper
43 100
70 40.7 32.0 48.0
55 23.3 18.9 28.3
61 23.5 18.8 28.2

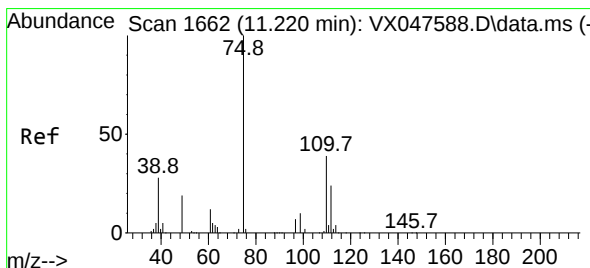
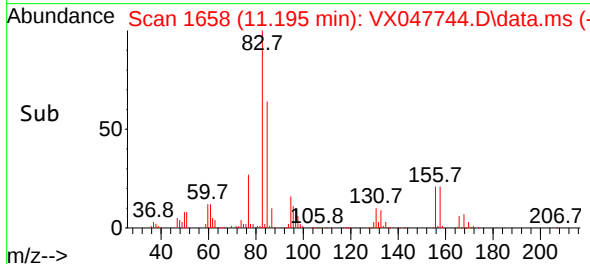
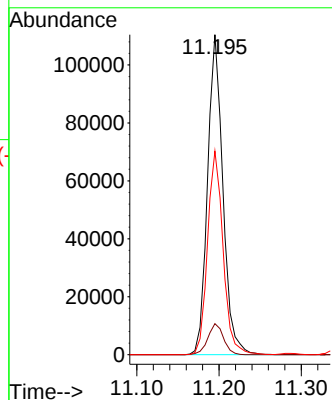
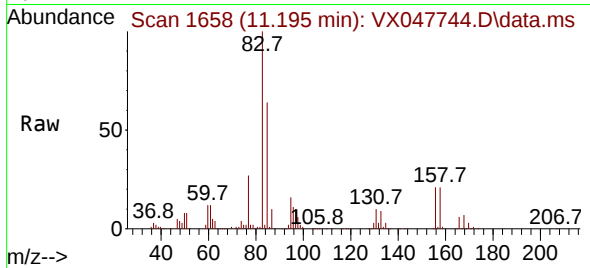




#75
1,1,2,2-Tetrachloroethane
Concen: 51.892 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

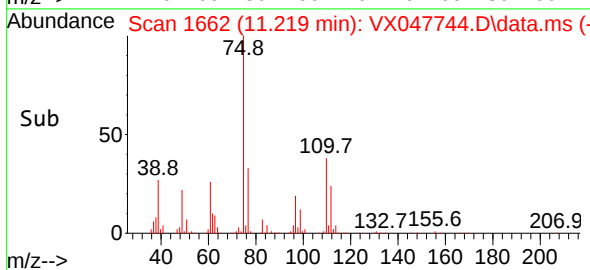
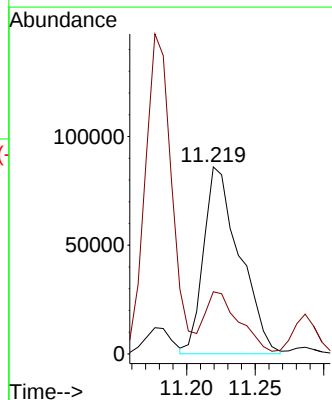
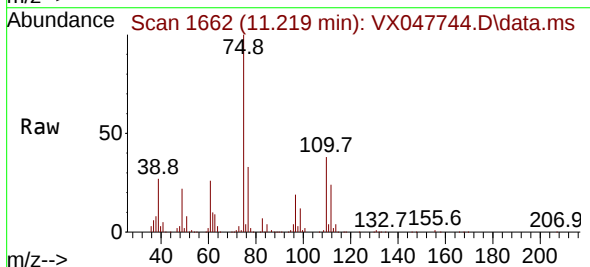
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

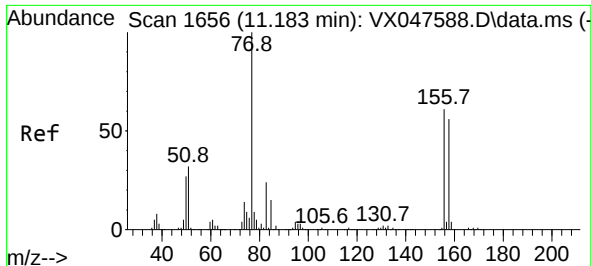
Tgt Ion: 83 Resp: 143186
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.3 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 64.715 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 75 Resp: 157182
Ion Ratio Lower Upper
75 100
77 31.1 18.8 56.4

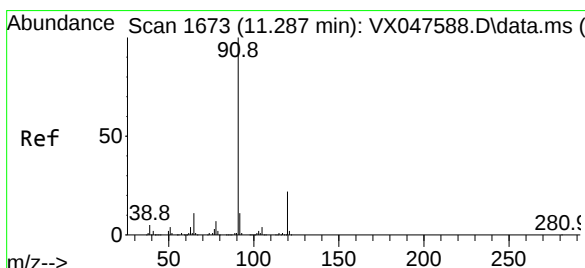
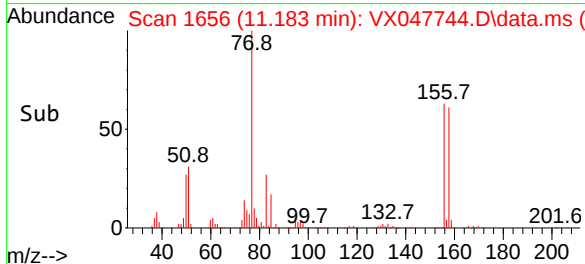
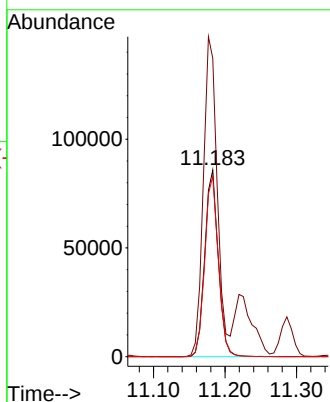
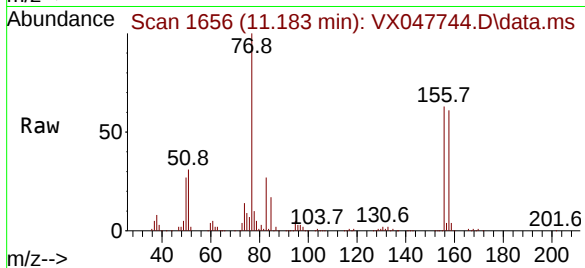




#77
Bromobenzene
Concen: 50.007 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

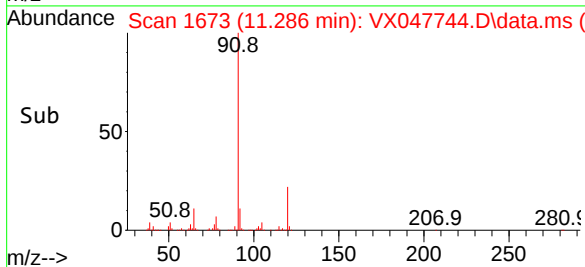
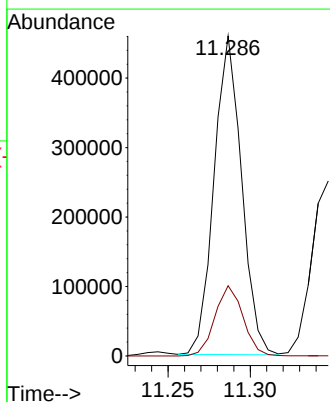
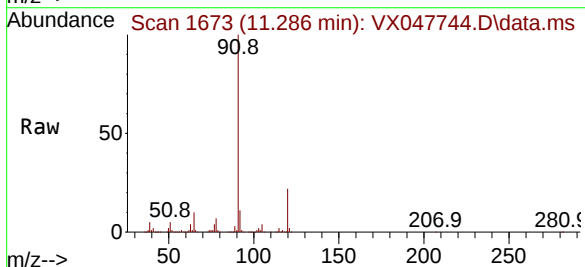
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

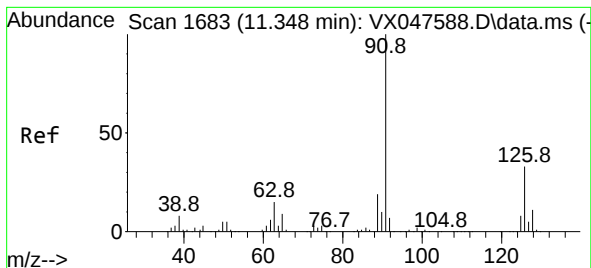
Tgt Ion:156 Resp: 112329
Ion Ratio Lower Upper
156 100
77 177.2 89.7 269.1
158 97.8 47.9 143.6



#78
n-propylbenzene
Concen: 49.483 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 91 Resp: 533484
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1

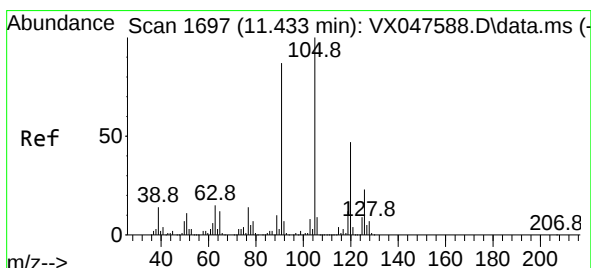
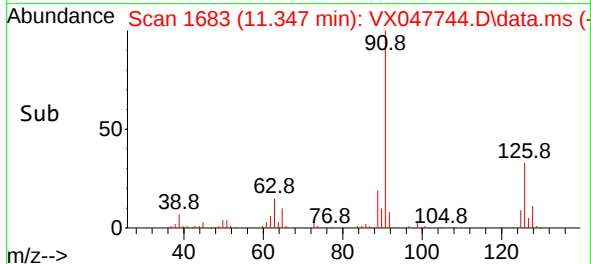
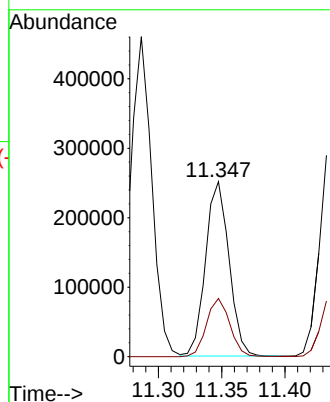
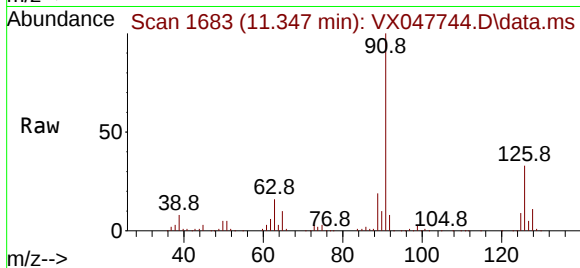




#79
2-Chlorotoluene
Concen: 49.069 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

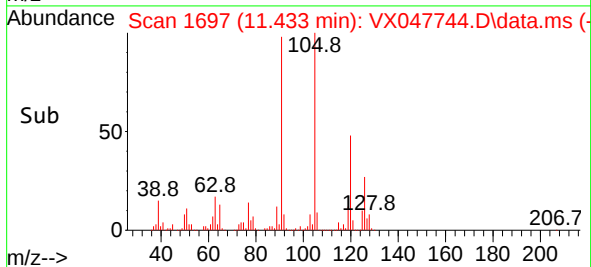
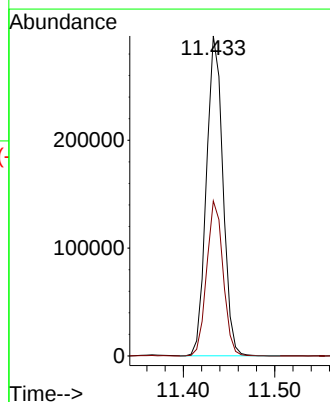
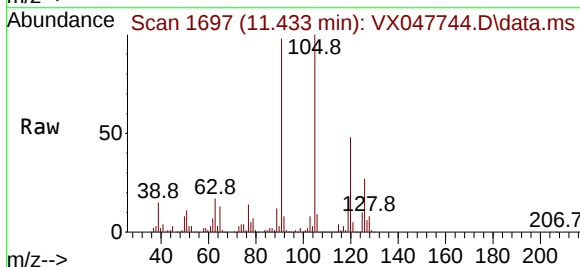
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

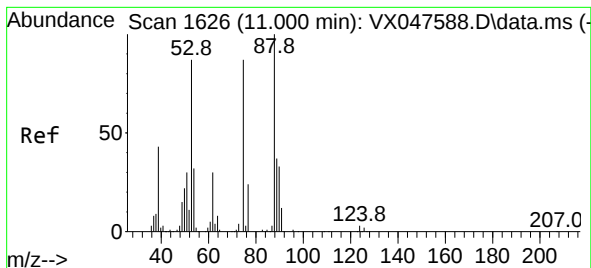
Tgt Ion: 91 Resp: 324017
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 49.437 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 105 Resp: 370433
Ion Ratio Lower Upper
105 100
120 48.3 23.6 70.8

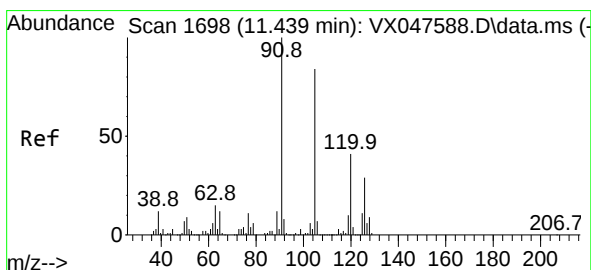
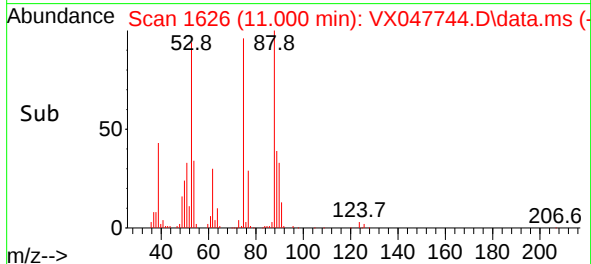
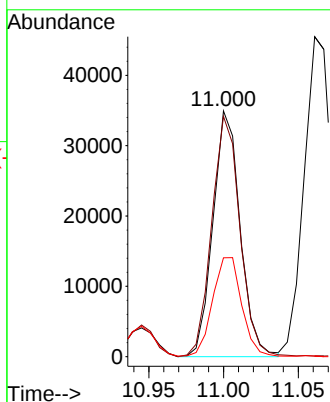
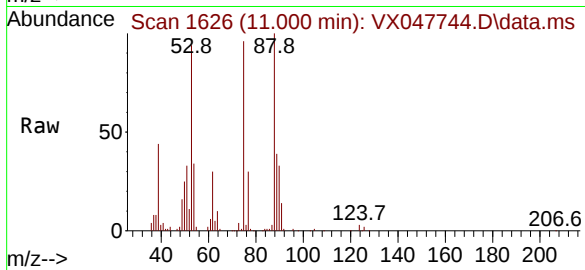




#81
trans-1,4-Dichloro-2-butene
Concen: 46.433 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

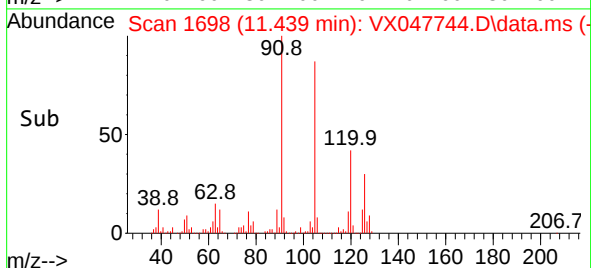
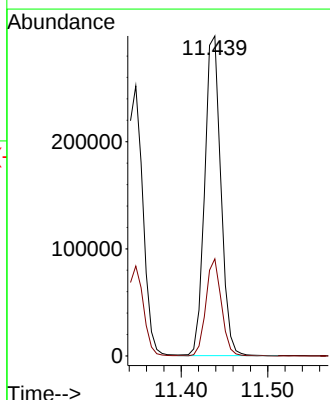
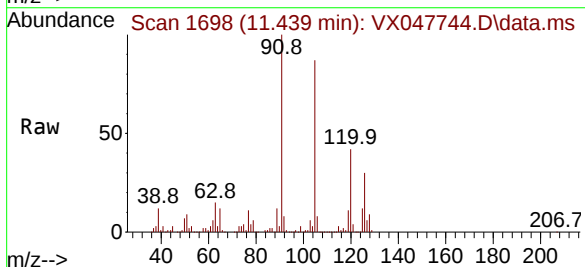
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

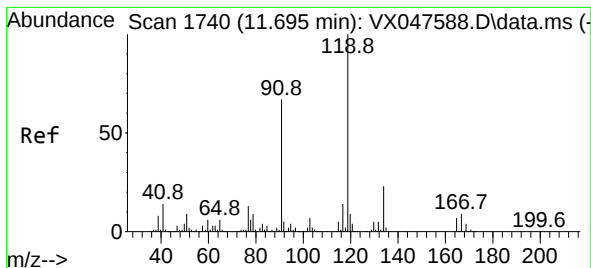
Tgt Ion: 75 Resp: 44224
Ion Ratio Lower Upper
75 100
53 101.6 83.4 125.2
89 42.9 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.610 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion: 91 Resp: 386898
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6

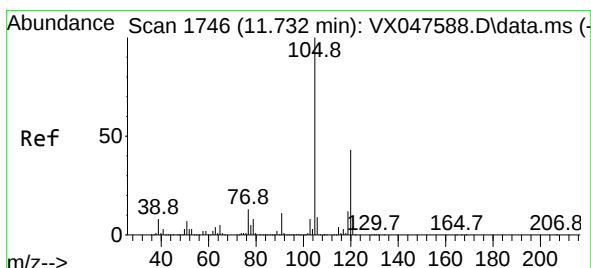
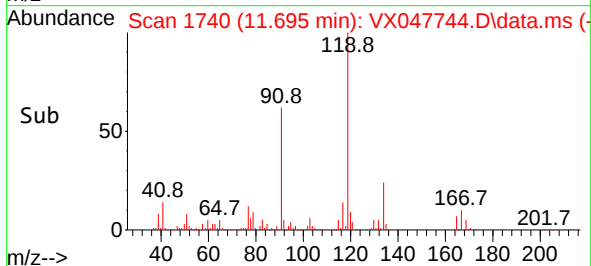
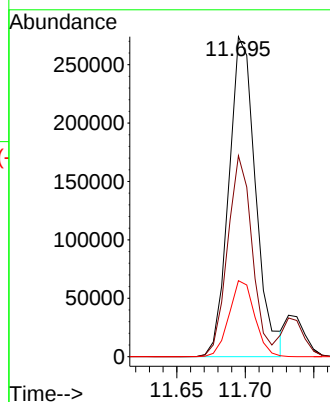
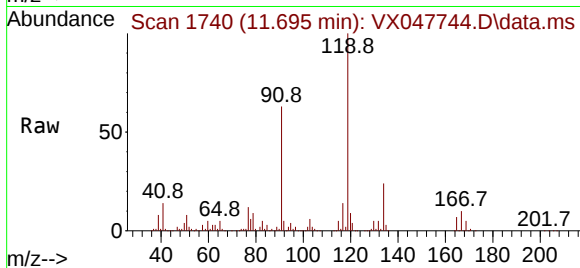




#83
tert-Butylbenzene
Concen: 48.704 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

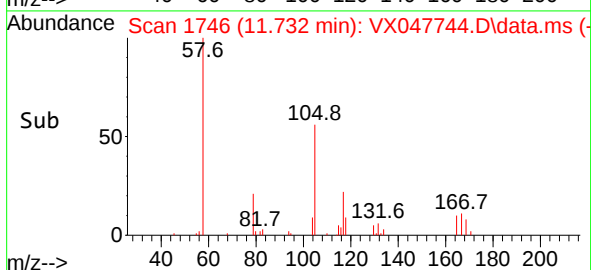
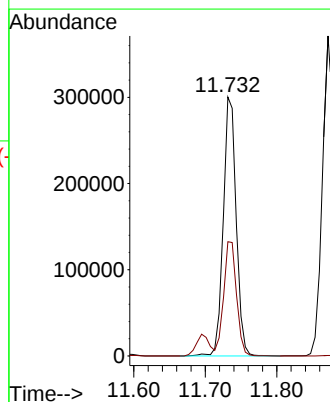
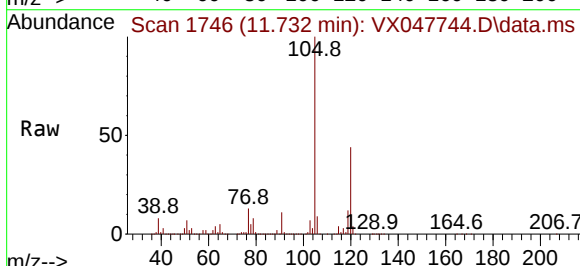
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

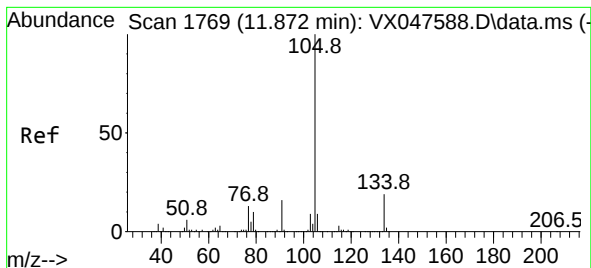
Tgt Ion:119 Resp: 373585
Ion Ratio Lower Upper
119 100
91 57.7 29.6 88.8
134 22.8 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 49.591 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion:105 Resp: 376730
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 48.878 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

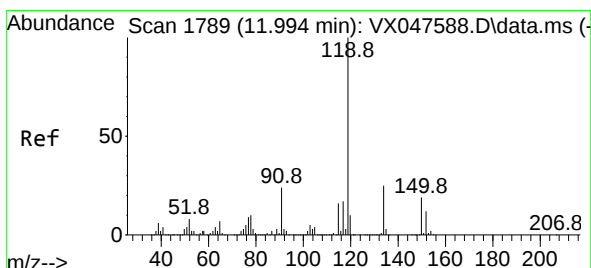
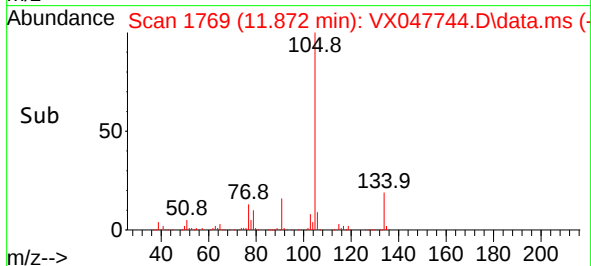
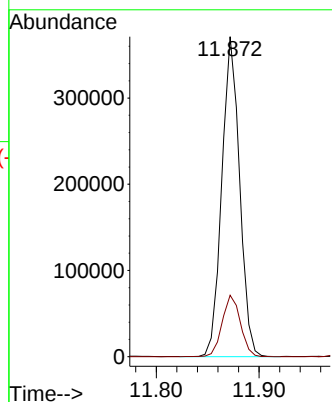
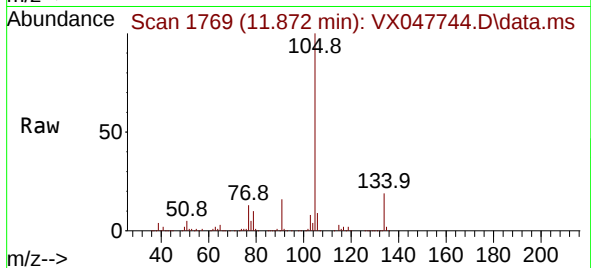
VSTDCCC050EC

Tgt Ion:105 Resp: 445326

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 48.479 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

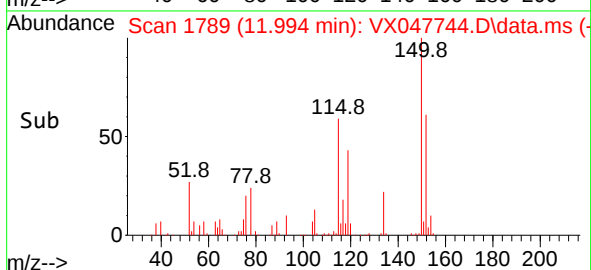
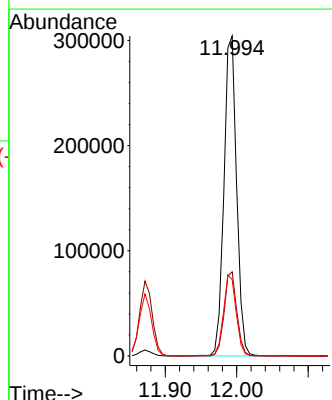
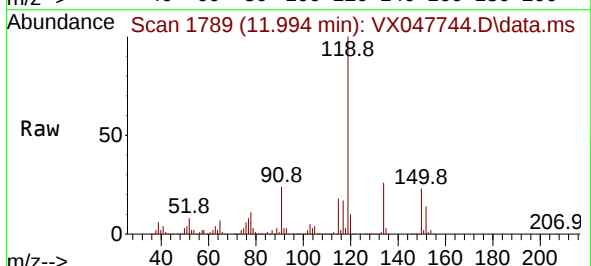
Tgt Ion:119 Resp: 373936

Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 25.3 12.6 37.6

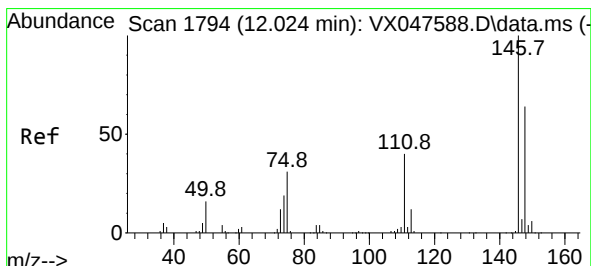
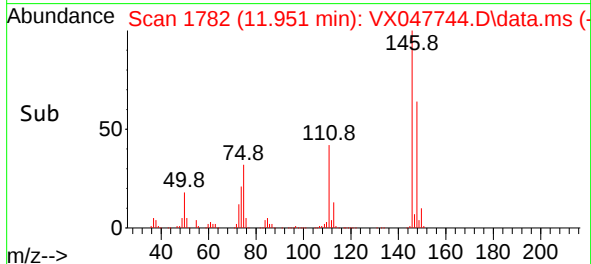
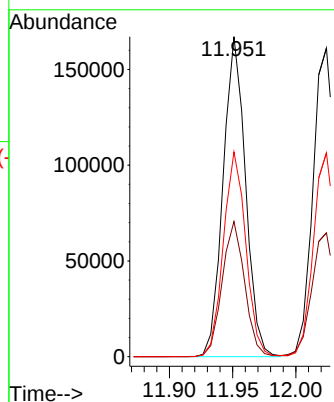
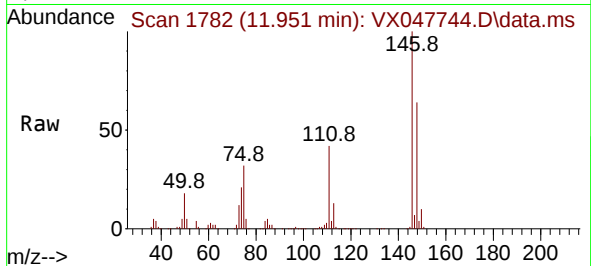




#87
1,3-Dichlorobenzene
Concen: 49.286 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

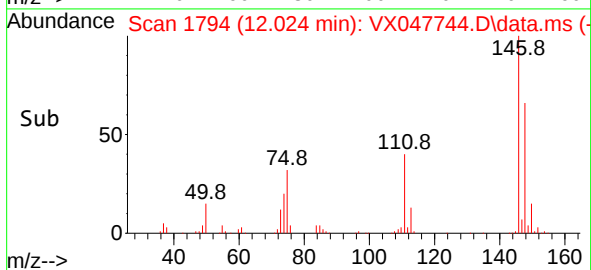
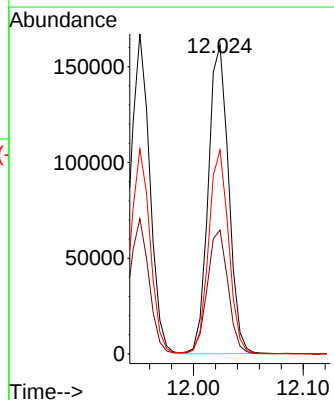
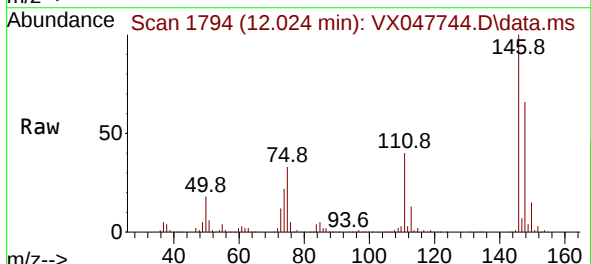
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

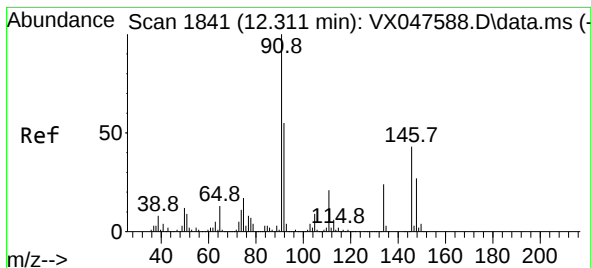
Tgt Ion:146 Resp: 205631
Ion Ratio Lower Upper
146 100
111 42.4 21.5 64.5
148 64.2 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 48.449 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047744.D
Acq: 23 Sep 2025 19:00

Tgt Ion:146 Resp: 207463
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.4
148 65.1 31.7 95.1





#89

n-Butylbenzene

Concen: 48.442 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

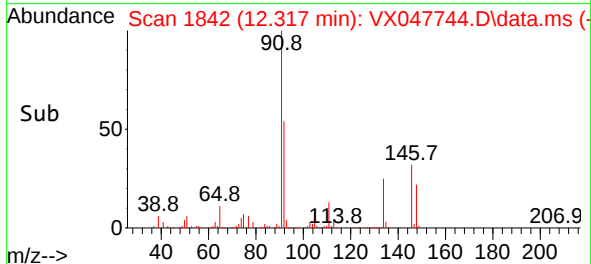
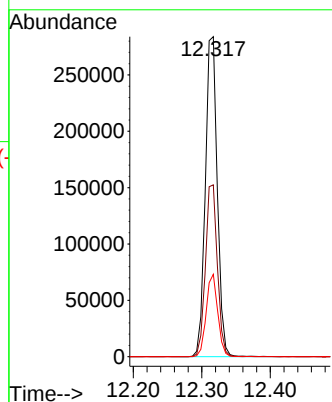
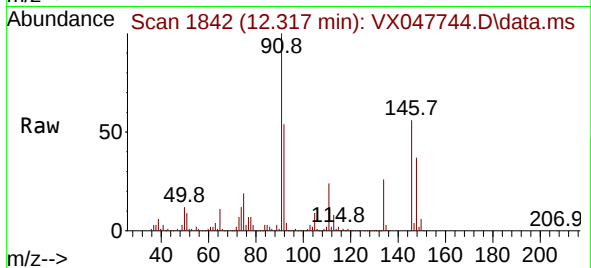
Tgt Ion: 91 Resp: 345737

Ion Ratio Lower Upper

91 100

92 53.6 27.6 82.7

134 24.8 12.6 37.8



#90

Hexachloroethane

Concen: 48.232 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047744.D

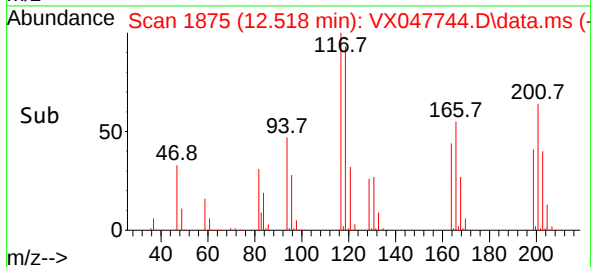
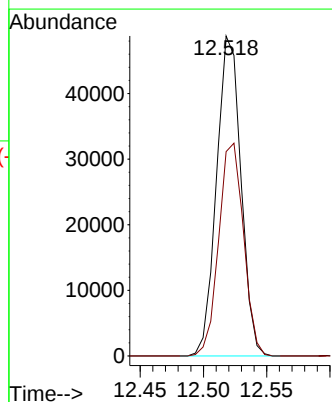
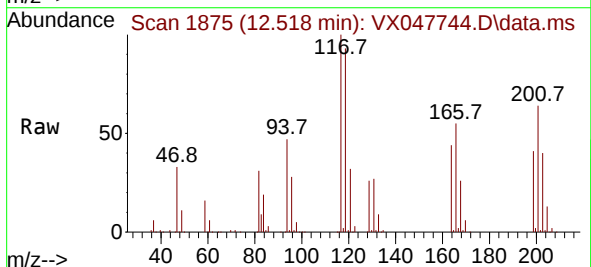
Acq: 23 Sep 2025 19:00

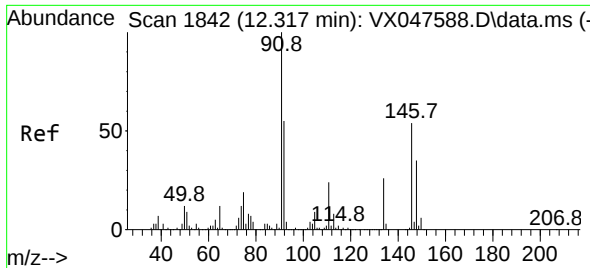
Tgt Ion: 117 Resp: 65317

Ion Ratio Lower Upper

117 100

201 67.7 34.2 102.5

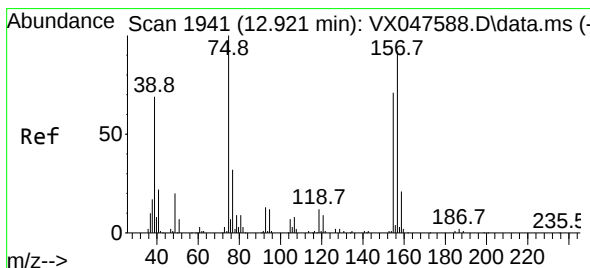
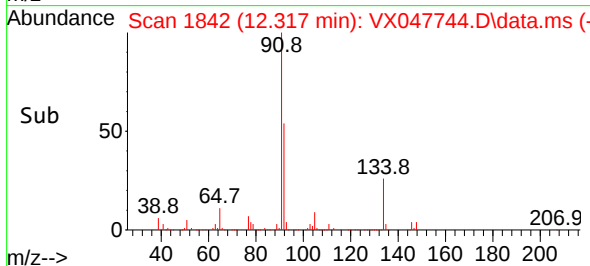
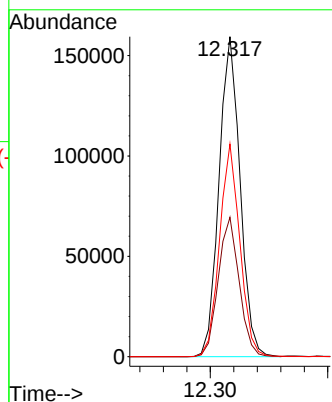
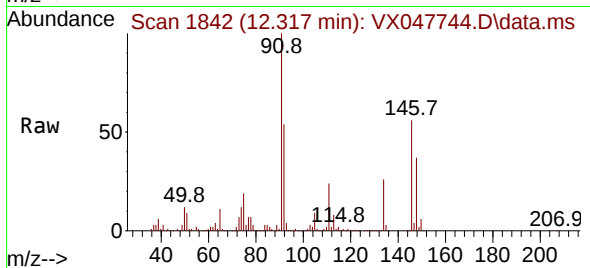




#91
 1,2-Dichlorobenzene
 Concen: 49.953 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VX047744.D
 Acq: 23 Sep 2025 19:00

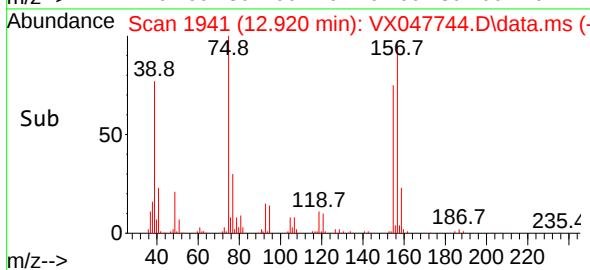
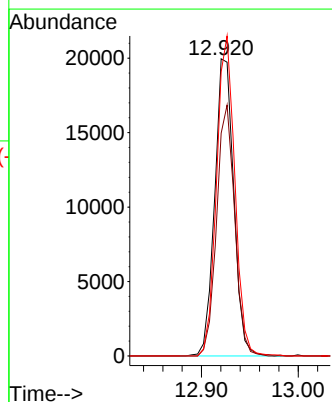
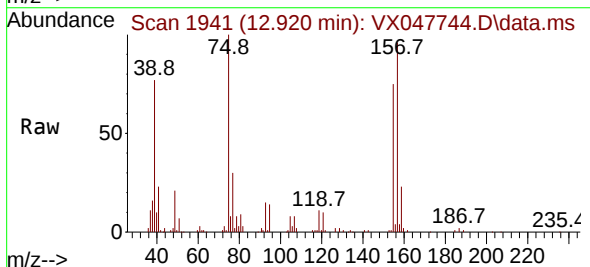
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

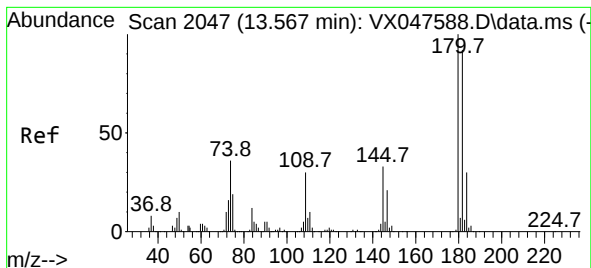
Tgt Ion:146 Resp: 198557
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.2 66.6
 148 64.3 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.908 ug/l
 RT: 12.920 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VX047744.D
 Acq: 23 Sep 2025 19:00

Tgt Ion: 75 Resp: 27323
 Ion Ratio Lower Upper
 75 100
 155 79.8 37.7 113.1
 157 103.2 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 47.762 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

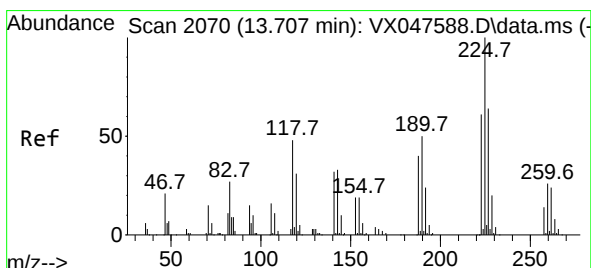
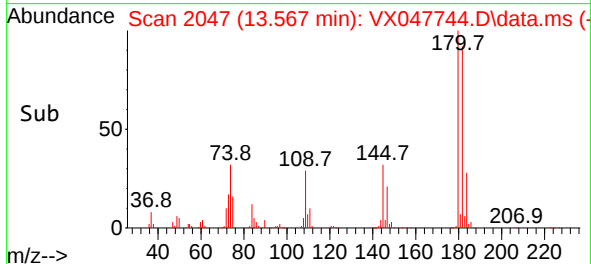
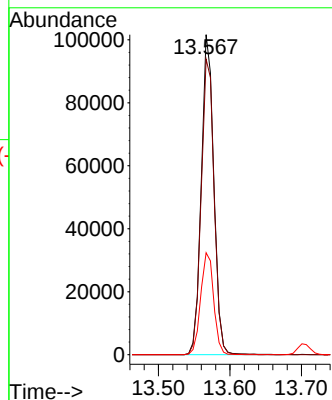
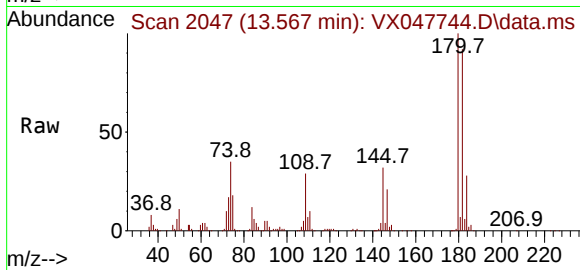
Tgt Ion:180 Resp: 123384

Ion Ratio Lower Upper

180 100

182 95.4 46.6 139.8

145 33.1 16.4 49.1



#94

Hexachlorobutadiene

Concen: 45.277 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

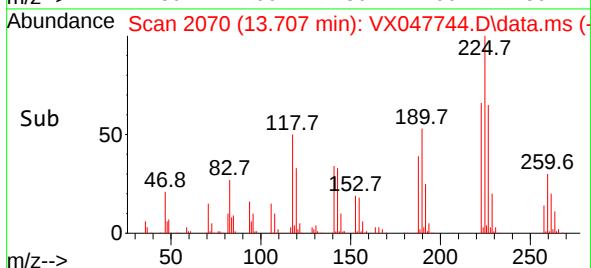
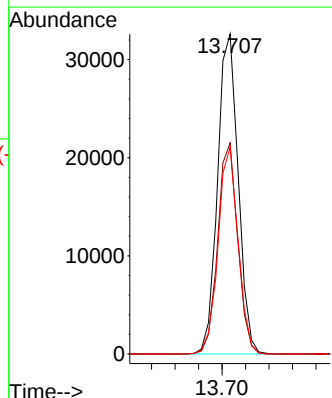
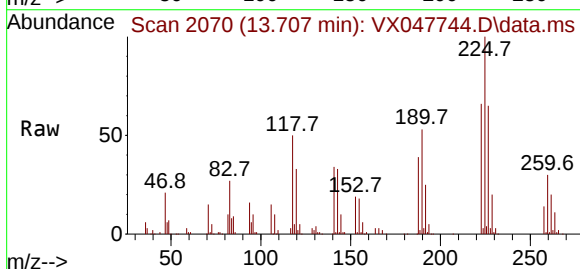
Tgt Ion:225 Resp: 39729

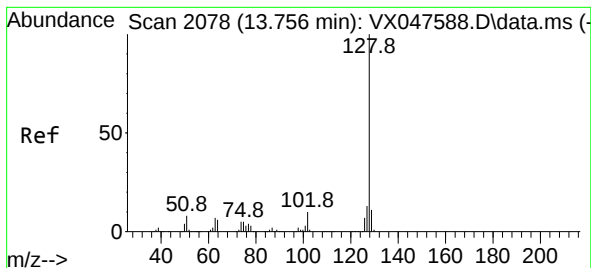
Ion Ratio Lower Upper

225 100

223 63.7 31.7 95.1

227 62.7 32.0 96.0





#95

Naphthalene

Concen: 49.575 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

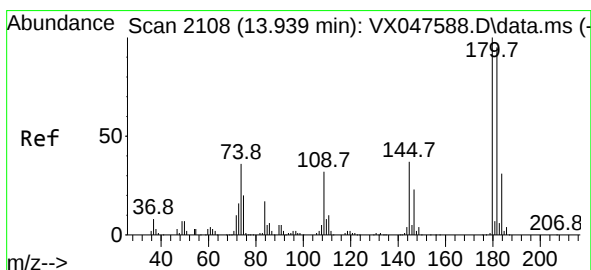
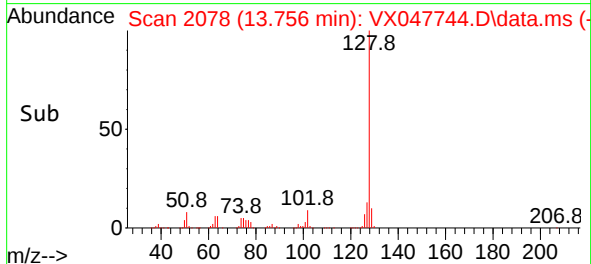
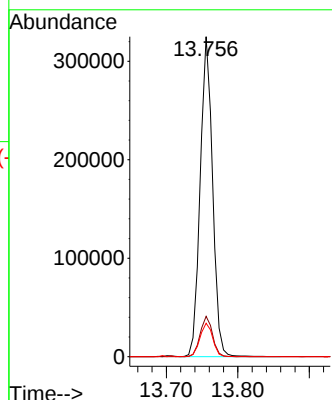
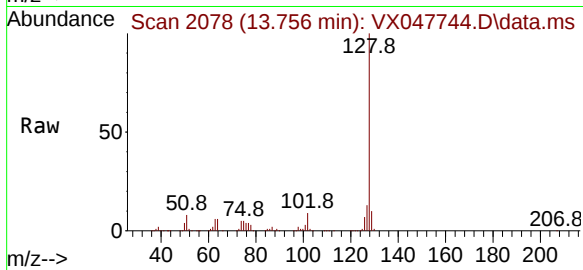
Tgt Ion:128 Resp: 389975

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.357 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047744.D

Acq: 23 Sep 2025 19:00

Tgt Ion:180 Resp: 118608

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.8

145 34.3 17.9 53.7

