

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047970.D
 Acq On : 02 Oct 2025 15:52
 Operator : JC/MD
 Sample : Q3194-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT192D1-20250922

Quant Time: Oct 03 03:32:38 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)

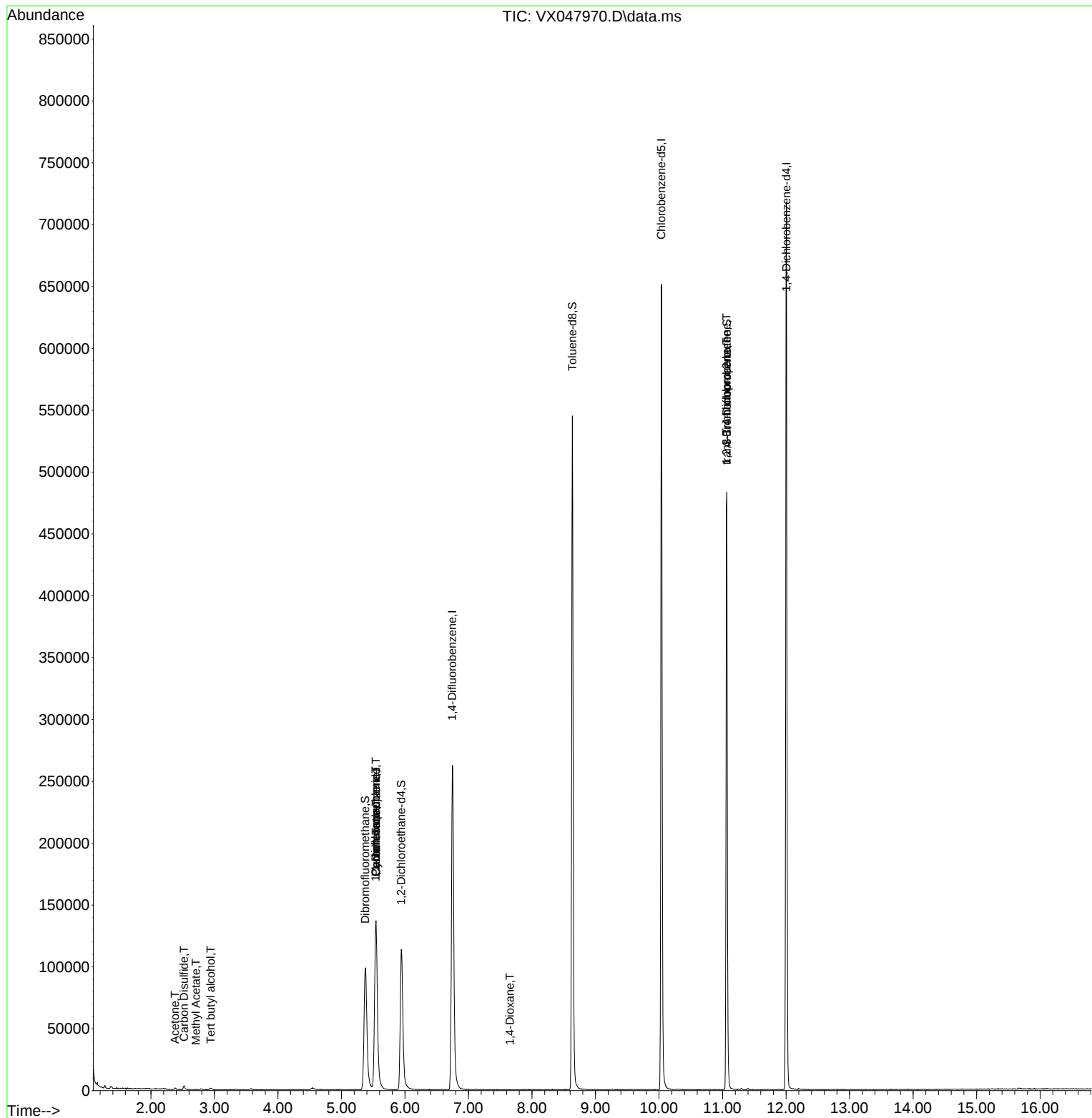
Internal Standards						
1) Pentafluorobenzene	5.544	168	138649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	284637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	299797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	150104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	124235	56.293	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.580%	
35) Dibromofluoromethane	5.373	113	99095	51.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.820%	
50) Toluene-d8	8.635	98	329546	49.891	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	11.067	95	142659	56.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	707	2.876	ug/l #	72
16) Acetone	2.380	43	1955	2.037	ug/l #	84
17) Carbon Disulfide	2.520	76	2654	0.589	ug/l #	76
18) Methyl Acetate	2.709	43	504	0.236	ug/l #	54
31) Cyclohexane	5.544	56	3091	1.060	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	11924	4.275	ug/l #	50
38) Carbon Tetrachloride	5.544	117	14911	4.920	ug/l #	19
49) 1,4-Dioxane	7.653	88	22	0.892	ug/l #	21
76) 1,2,3-Trichloropropane	11.061	75	74781	24.606	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	74781	62.749	ug/l #	8

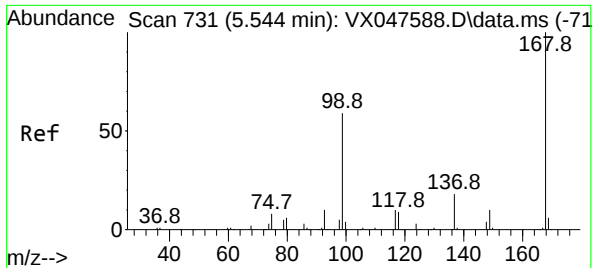
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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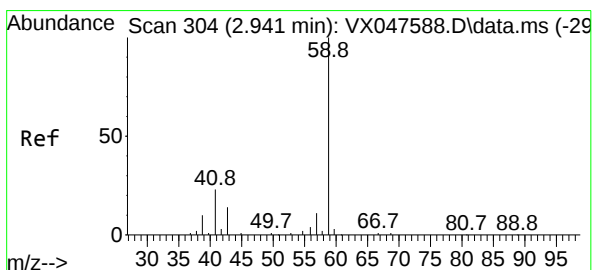
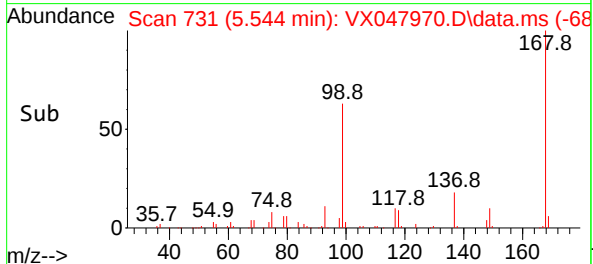
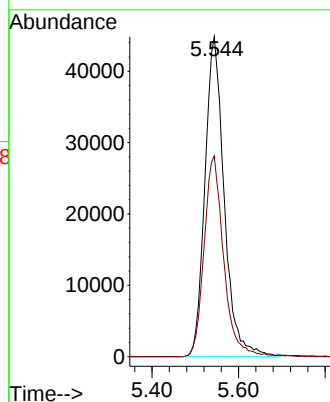
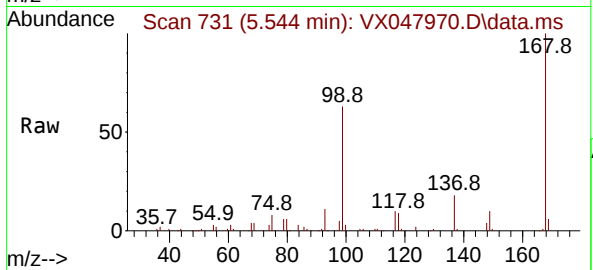




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

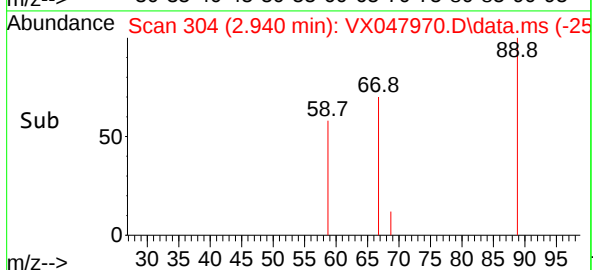
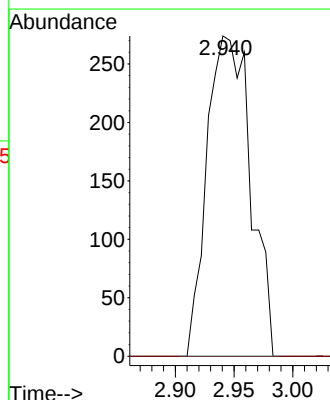
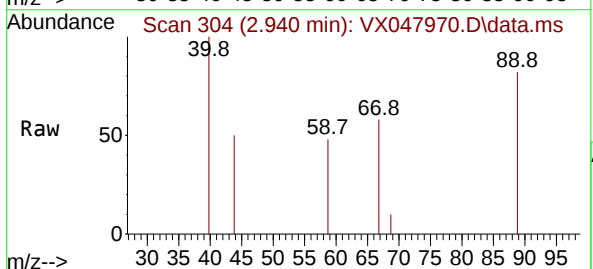
Instrument :
MSVOA_X
ClientSampleId :
TT192D1-20250922

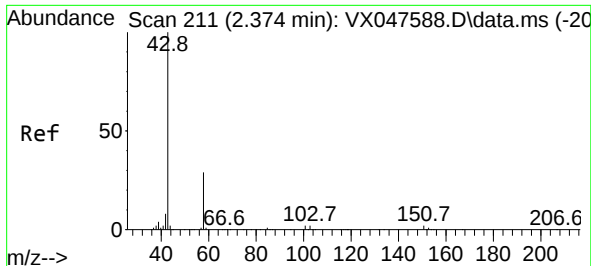
Tgt Ion:168 Resp: 138649
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#11
Tert butyl alcohol
Concen: 2.876 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

Tgt Ion: 59 Resp: 707
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

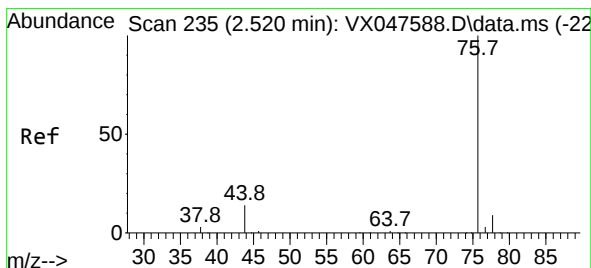
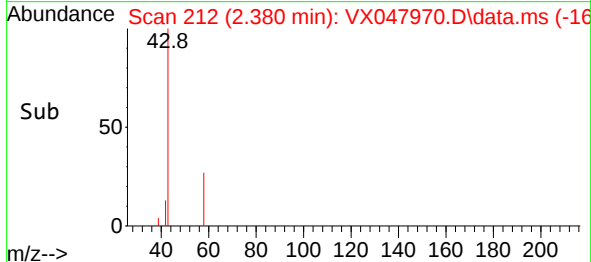
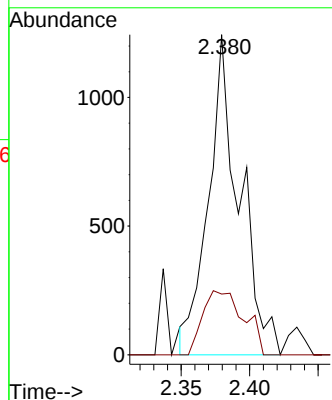
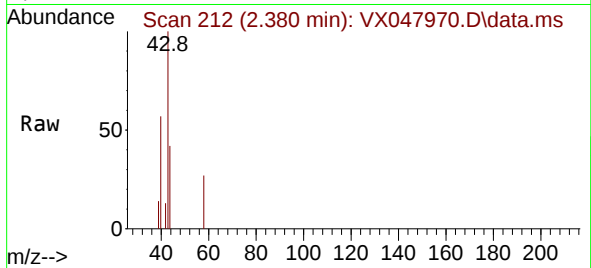




#16
Acetone
Concen: 2.037 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

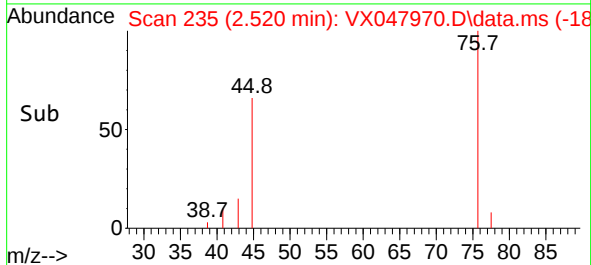
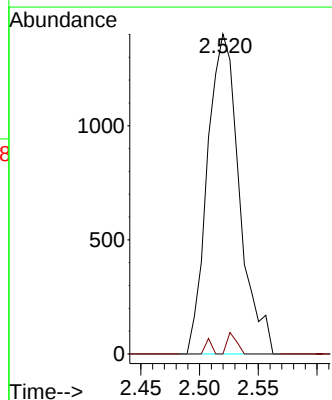
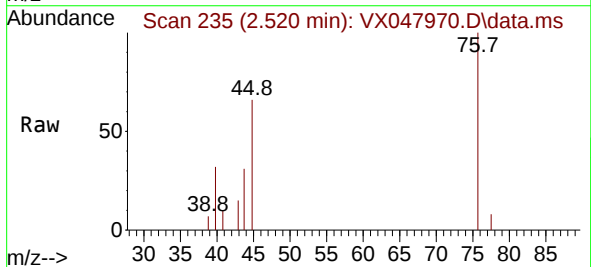
Instrument :
MSVOA_X
ClientSampleId :
TT192D1-20250922

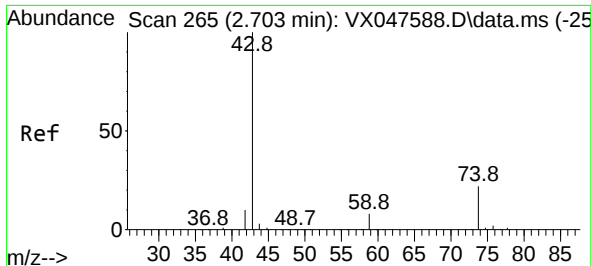
Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
58 20.8 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.589 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

Tgt Ion: 76 Resp: 2654
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#





#18

Methyl Acetate

Concen: 0.236 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX047970.D

Acq: 02 Oct 2025 15:52

Instrument :

MSVOA_X

ClientSampleId :

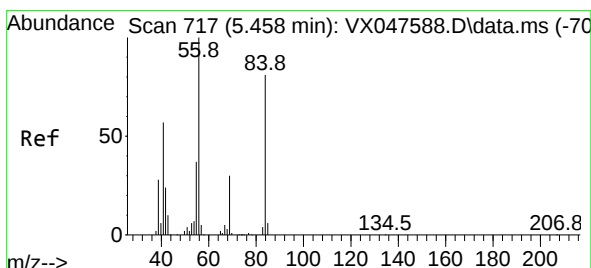
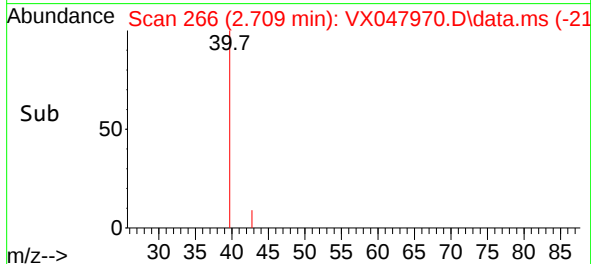
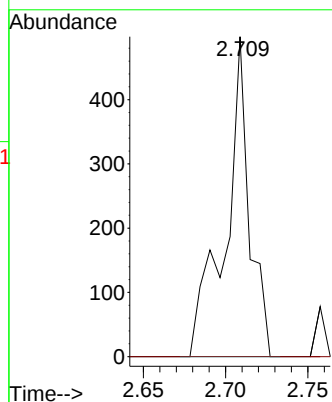
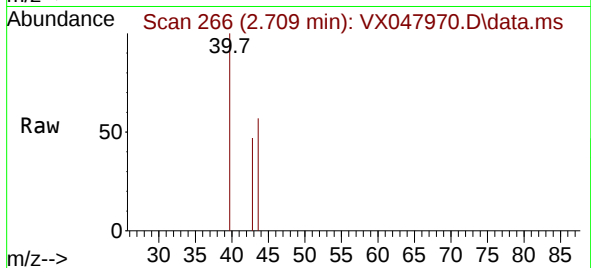
TT192D1-20250922

Tgt Ion: 43 Resp: 504

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.2#



#31

Cyclohexane

Concen: 1.060 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.085 min

Lab File: VX047970.D

Acq: 02 Oct 2025 15:52

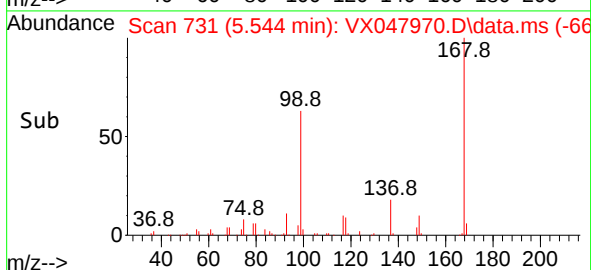
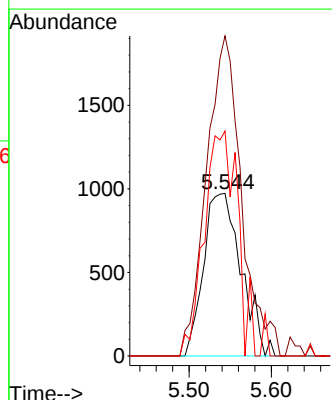
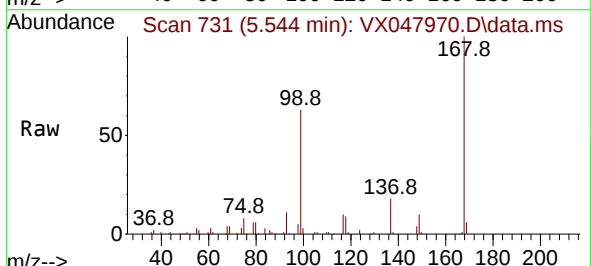
Tgt Ion: 56 Resp: 3091

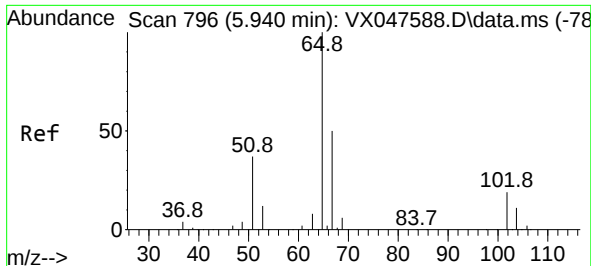
Ion Ratio Lower Upper

56 100

69 196.8 23.8 35.8#

84 138.3 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 56.293 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047970.D

Acq: 02 Oct 2025 15:52

Instrument :

MSVOA_X

ClientSampleId :

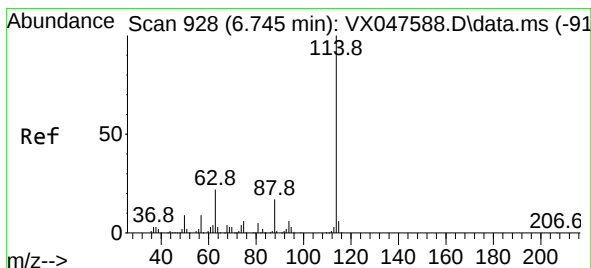
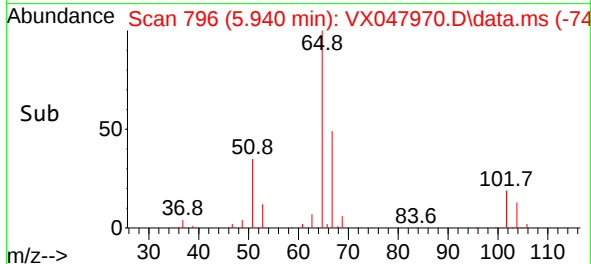
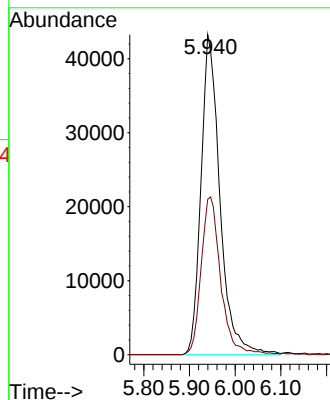
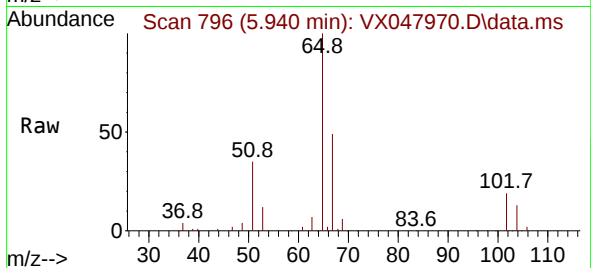
TT192D1-20250922

Tgt Ion: 65 Resp: 124235

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047970.D

Acq: 02 Oct 2025 15:52

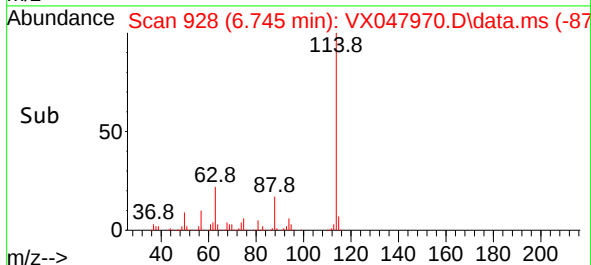
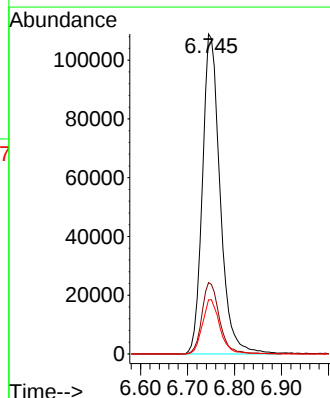
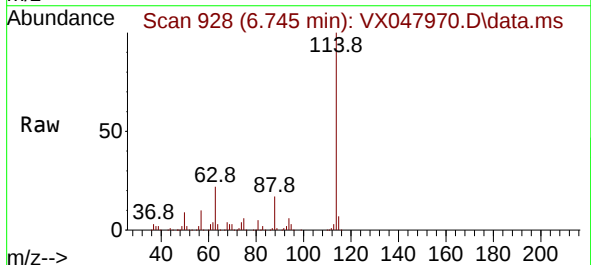
Tgt Ion: 114 Resp: 284637

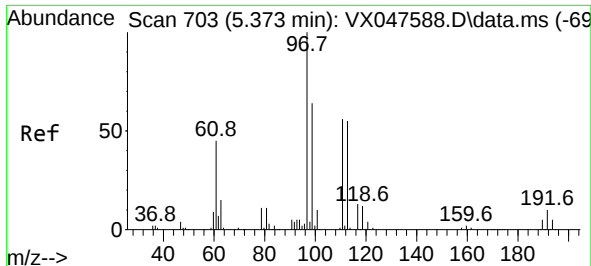
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

88 16.9 0.0 34.2

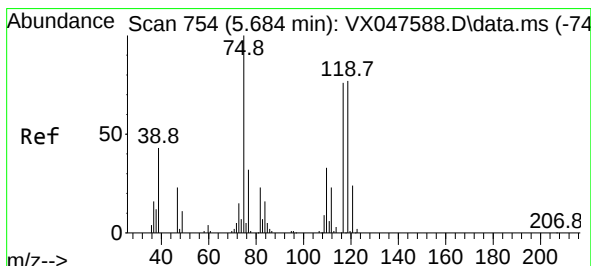
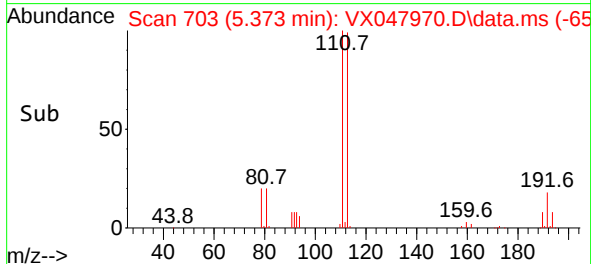
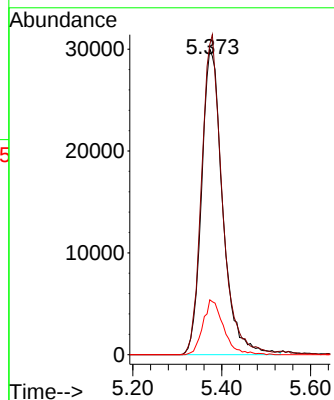
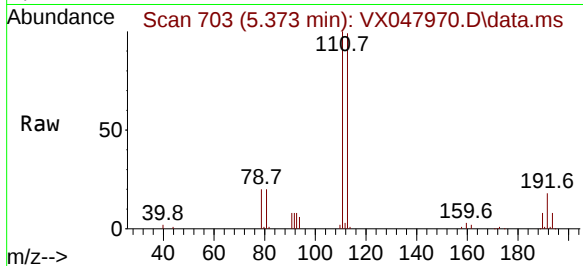




#35
Dibromofluoromethane
Concen: 51.911 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

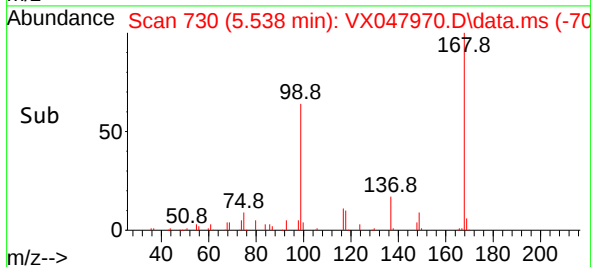
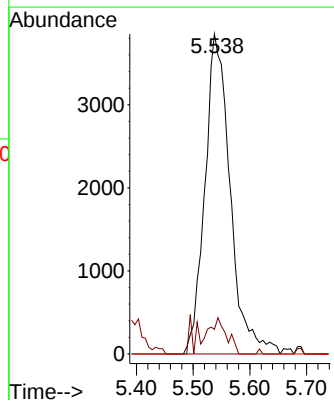
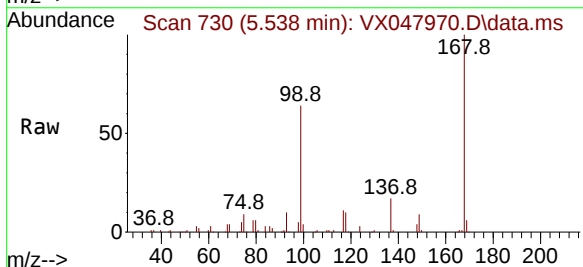
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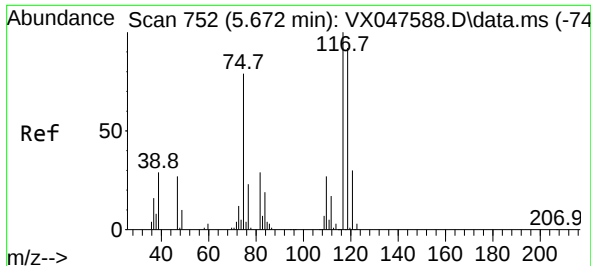
Tgt Ion:113 Resp: 99095
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 17.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.275 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

Tgt Ion: 75 Resp: 11924
Ion Ratio Lower Upper
75 100
110 7.5 16.7 50.1#
77 0.0 24.3 36.5#

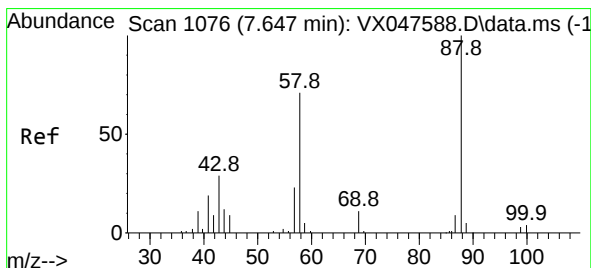
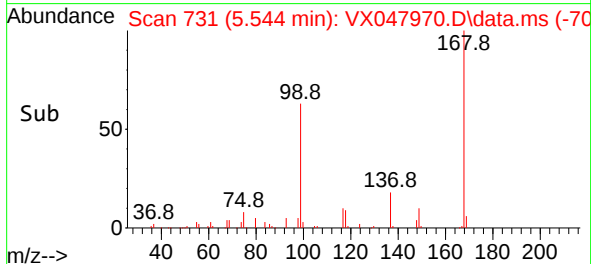
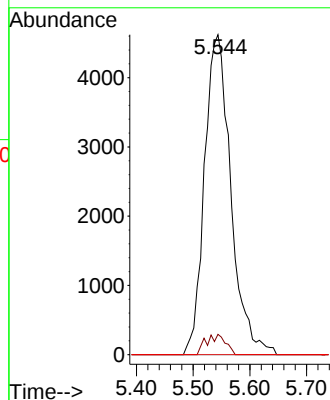
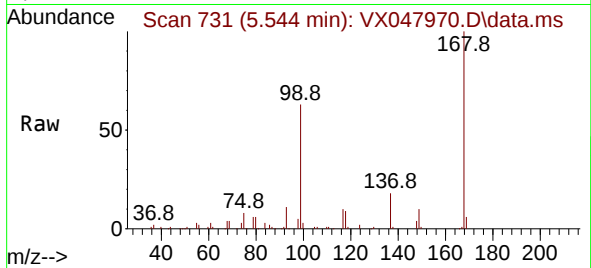




#38
Carbon Tetrachloride
Concen: 4.920 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

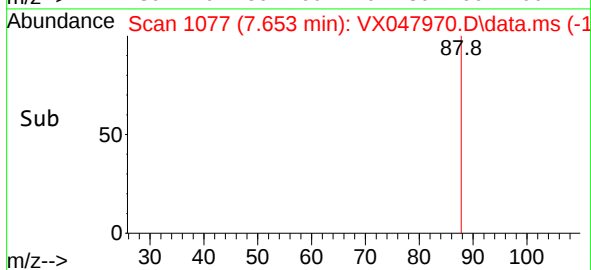
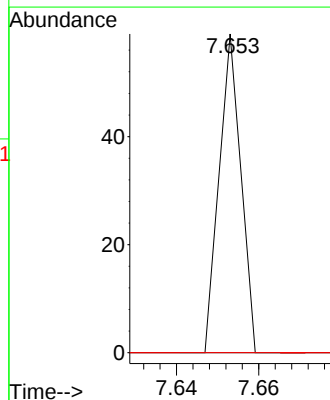
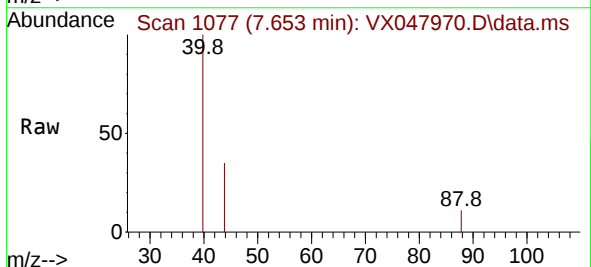
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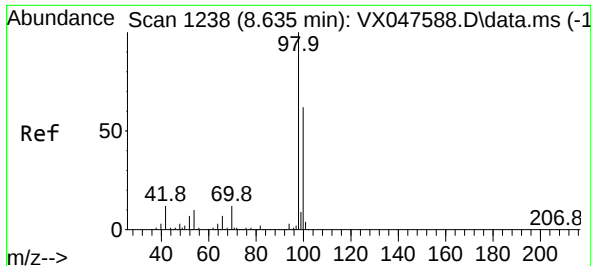
Tgt Ion:117 Resp: 14911
Ion Ratio Lower Upper
117 100
119 6.4 73.4 110.2#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 0.892 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 30.2 45.2#
58 0.0 59.5 89.3#

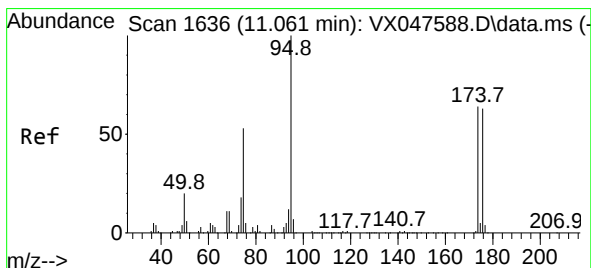
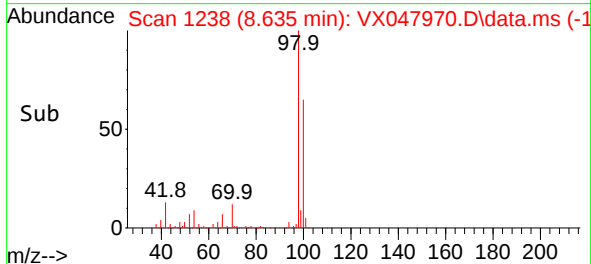
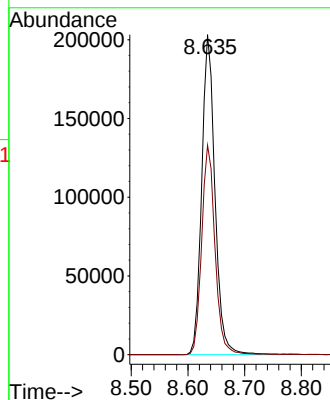
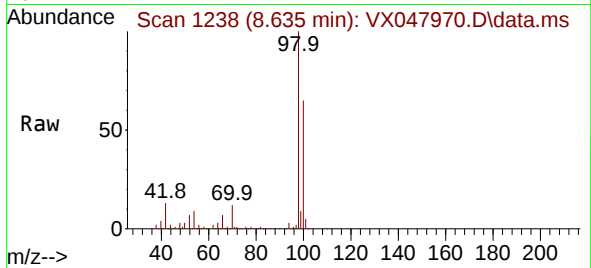




#50
Toluene-d8
Concen: 49.891 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

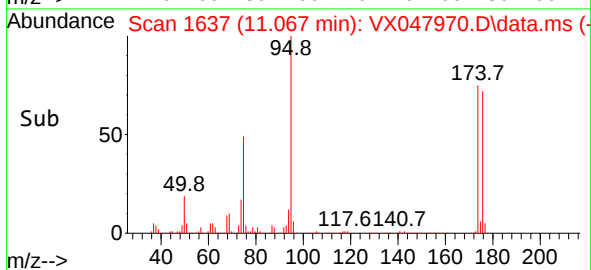
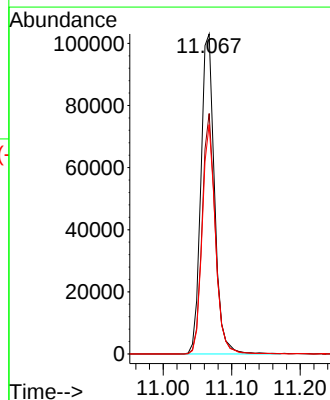
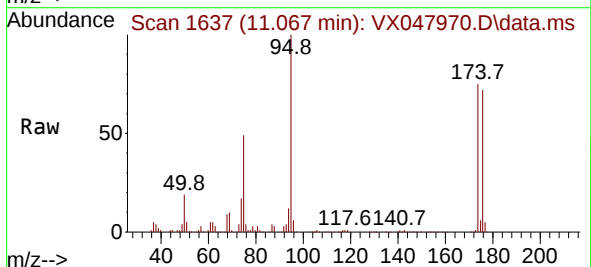
Instrument :
MSVOA_X
ClientSampleId :
TT192D1-20250922

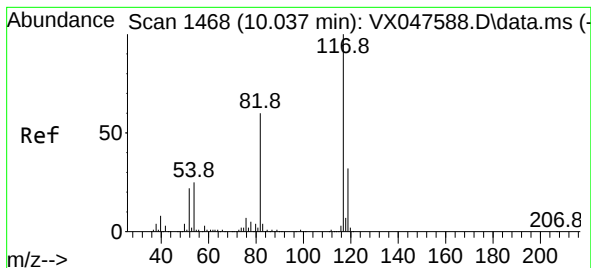
Tgt Ion: 98 Resp: 329546
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.908 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

Tgt Ion: 95 Resp: 142659
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 69.6 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: VX047970.D

Acq: 02 Oct 2025 15:52

Instrument :

MSVOA_X

ClientSampleId :

TT192D1-20250922

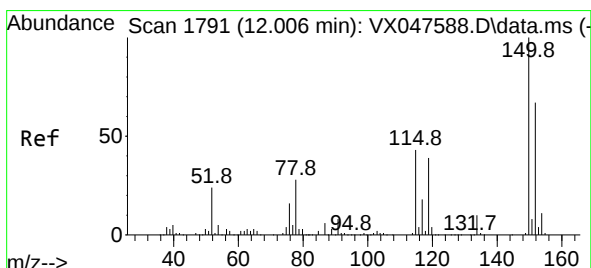
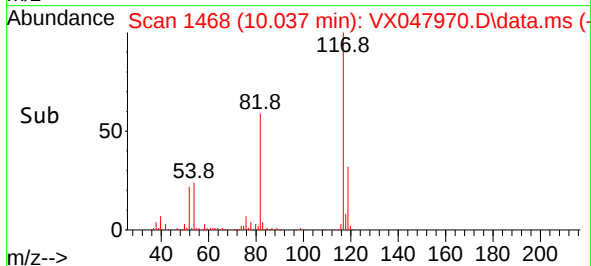
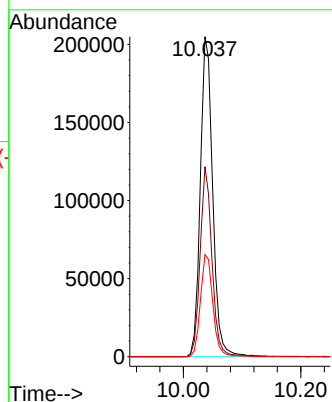
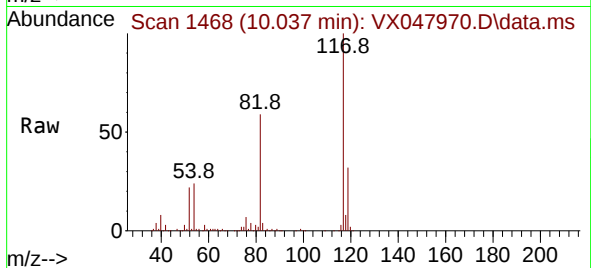
Tgt Ion:117 Resp: 299797

Ion Ratio Lower Upper

117 100

82 59.3 47.8 71.6

119 31.9 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047970.D

Acq: 02 Oct 2025 15:52

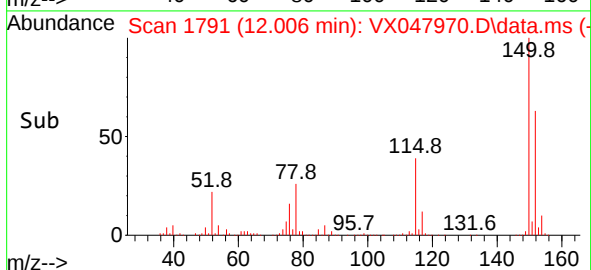
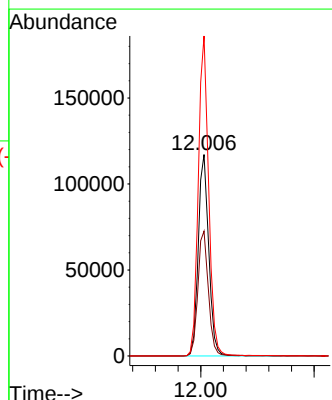
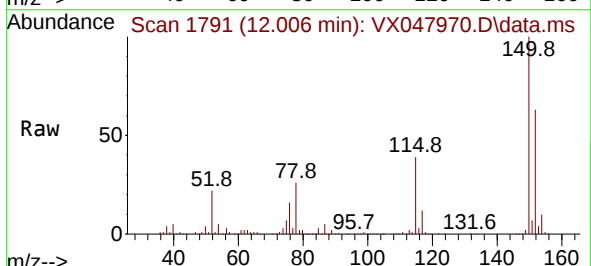
Tgt Ion:152 Resp: 150104

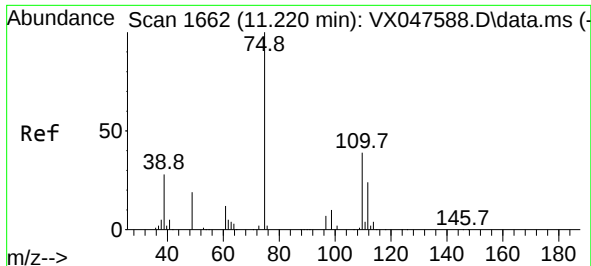
Ion Ratio Lower Upper

152 100

115 62.2 44.9 134.5

150 156.8 0.0 352.0

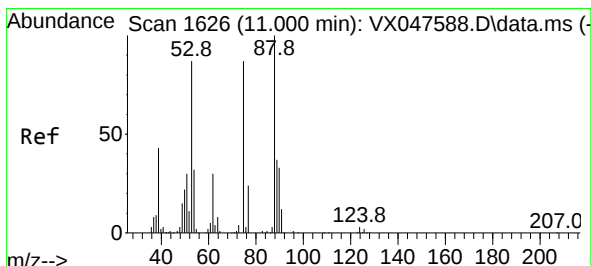
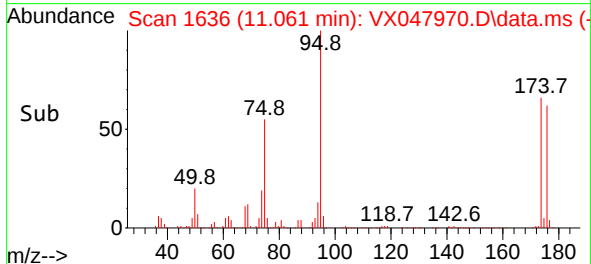
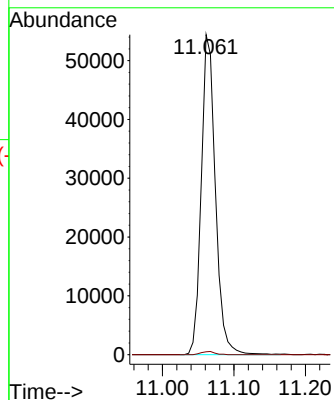
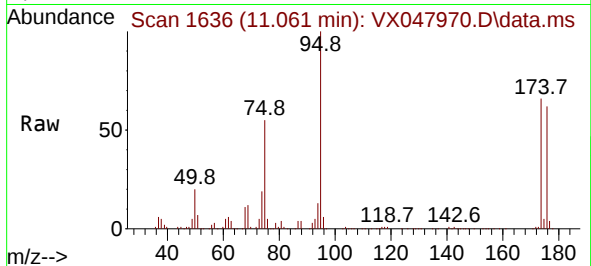




#76
1,2,3-Trichloropropane
Concen: 24.606 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
TT192D1-20250922

Tgt Ion: 75 Resp: 74781
Ion Ratio Lower Upper
75 100
77 0.9 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.749 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

Tgt Ion: 75 Resp: 74781
Ion Ratio Lower Upper
75 100
53 0.1 83.4 125.2#
89 0.0 36.3 54.5#

