

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047835.D
 Acq On : 26 Sep 2025 05:37
 Operator : JC/MD
 Sample : Q3156-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20250918

Quant Time: Sep 26 06:56:48 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)

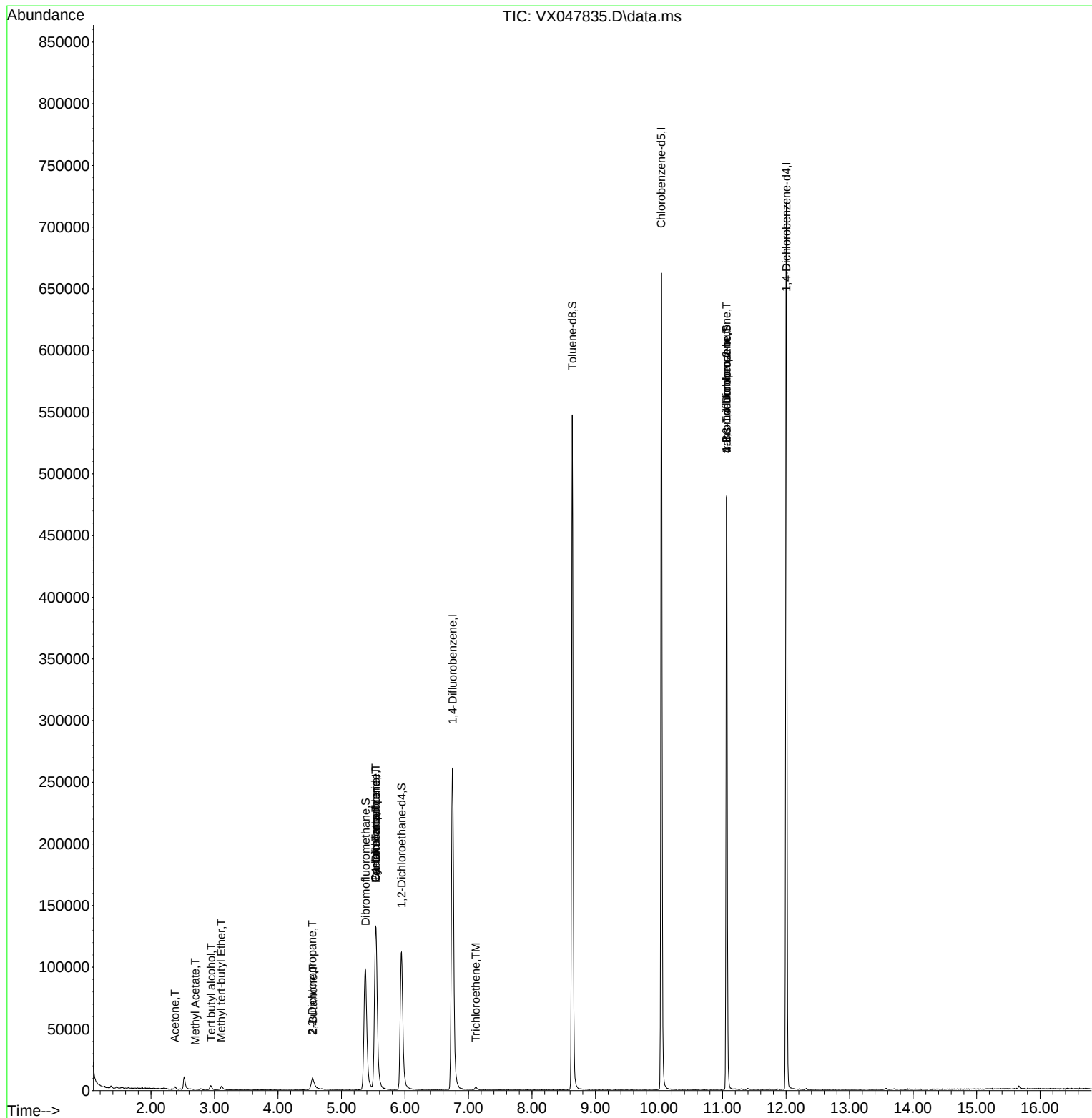
Internal Standards						
1) Pentafluorobenzene	5.544	168	135921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	292407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	299386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	121507	56.162	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.320%
35) Dibromofluoromethane	5.379	113	97186	49.558	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.120%
50) Toluene-d8	8.635	98	332011	48.929	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.061	95	142437	55.310	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1645	6.827	ug/l #	72
16) Acetone	2.380	43	3014	3.204	ug/l #	51
18) Methyl Acetate	2.697	43	552	0.264	ug/l #	64
19) Methyl tert-butyl Ether	3.105	73	3143	0.533	ug/l	95
25) 2-Butanone	4.550	43	341	0.291	ug/l #	50
26) 2,2-Dichloropropane	4.538	77	738	0.259	ug/l #	54
31) Cyclohexane	5.538	56	2903	1.015	ug/l #	24
36) 1,1-Dichloropropene	5.538	75	11392	3.976	ug/l #	49
38) Carbon Tetrachloride	5.538	117	14600	4.689	ug/l #	18
44) Trichloroethene	7.117	130	1002	0.476	ug/l	78
76) 1,2,3-Trichloropropane	11.061	75	75275	24.230	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	75275	61.790	ug/l #	8

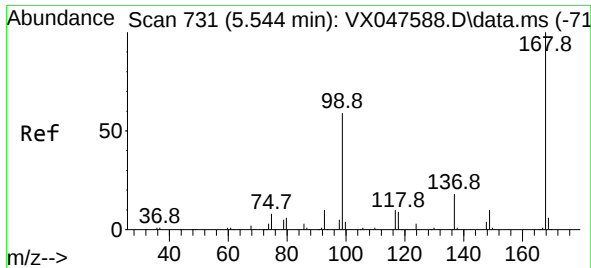
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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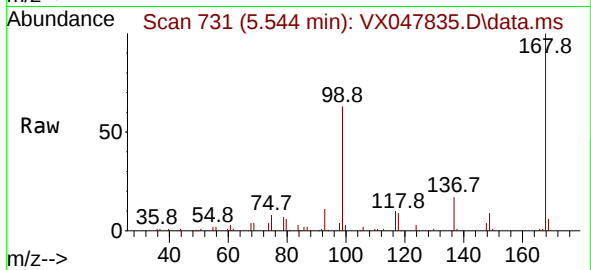
Quant Time: Sep 26 06:56:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



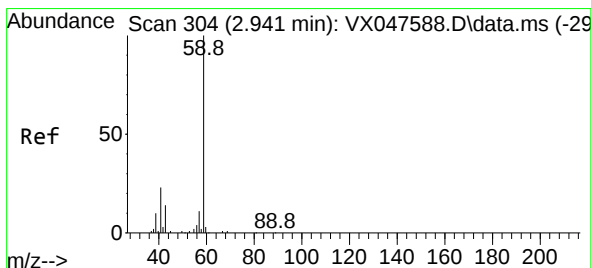
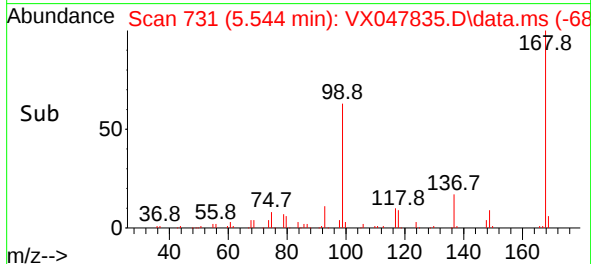
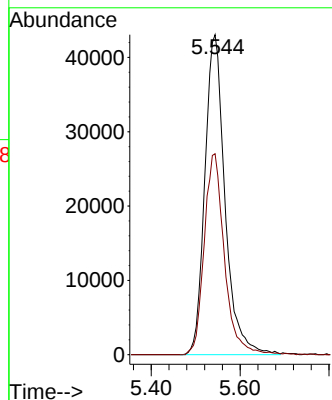


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

Instrument :
MSVOA_X
ClientSampleId :
TT14911-20250918

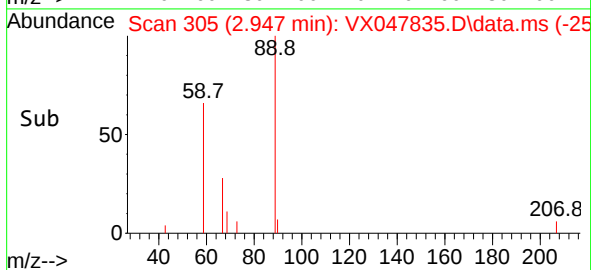
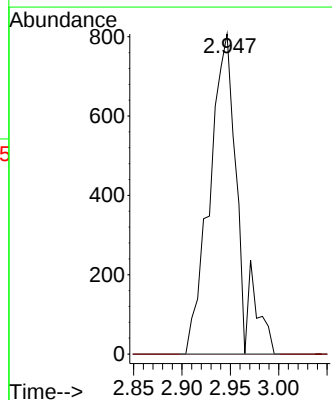
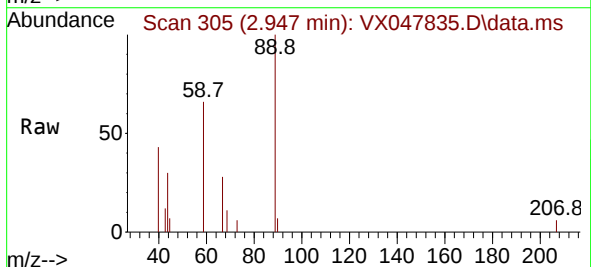


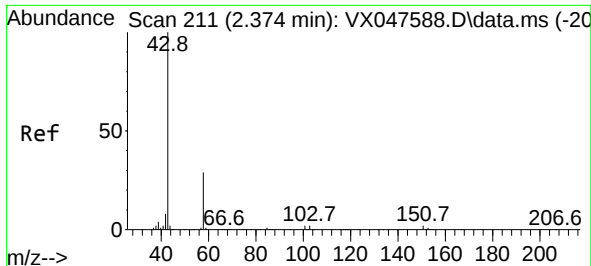
Tgt Ion:168 Resp: 135921
Ion Ratio Lower Upper
168 100
99 62.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 6.827 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

Tgt Ion: 59 Resp: 1645
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

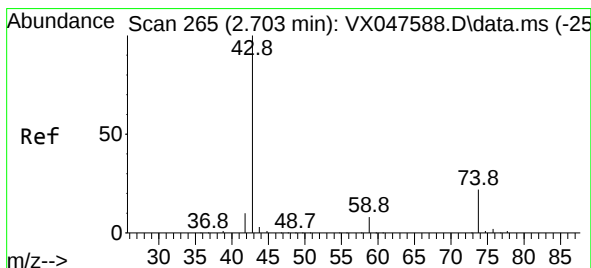
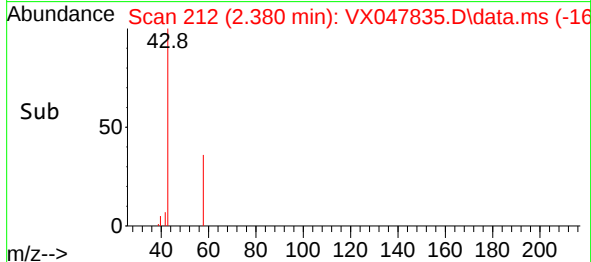
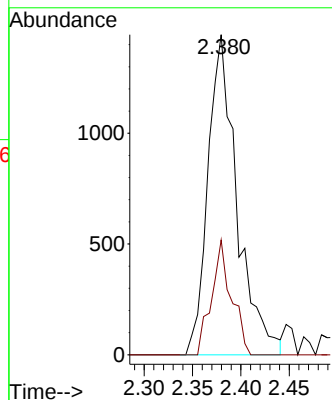
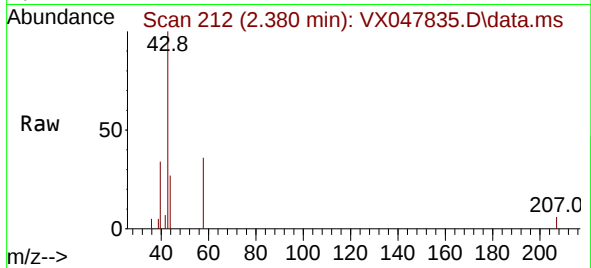




#16
Acetone
Concen: 3.204 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

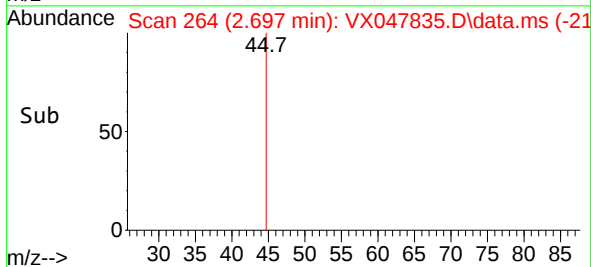
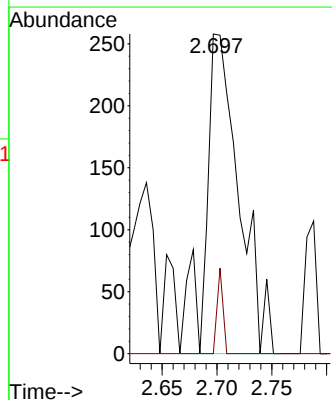
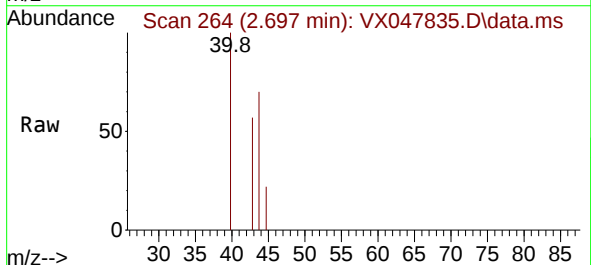
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20250918

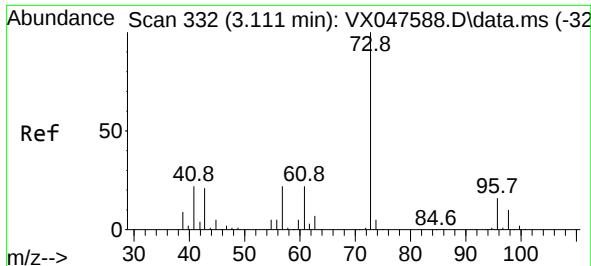
Tgt Ion: 43 Resp: 3014
Ion Ratio Lower Upper
43 100
58 55.5 23.4 35.0#



#18
Methyl Acetate
Concen: 0.264 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
74 4.5 17.4 26.2#

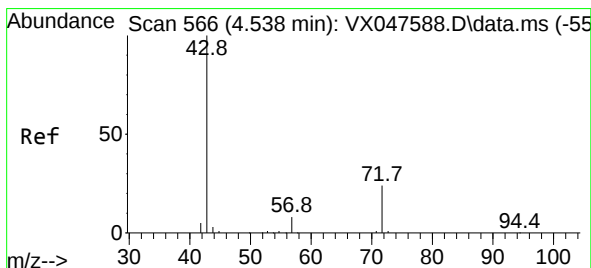
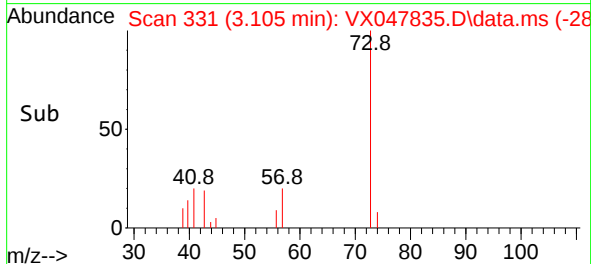
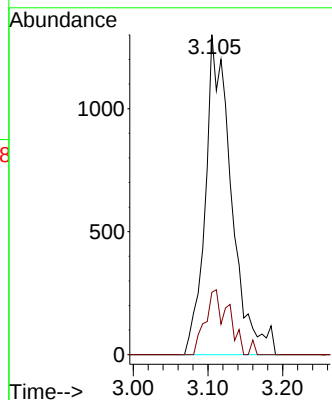
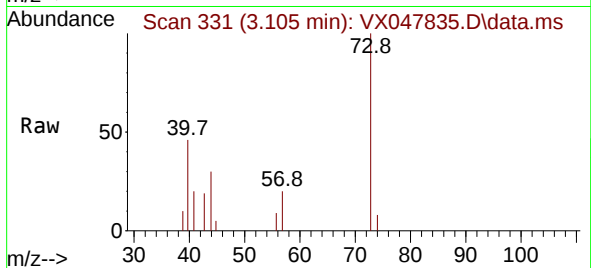




#19
Methyl tert-butyl Ether
Concen: 0.533 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

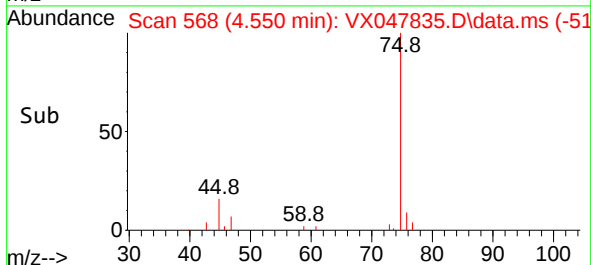
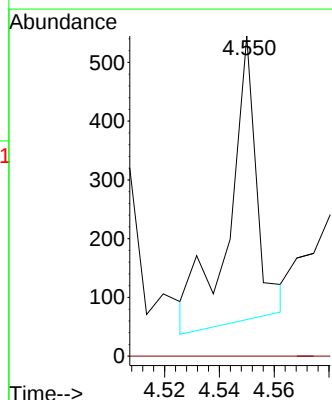
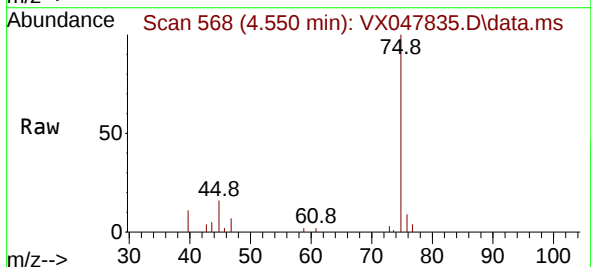
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20250918

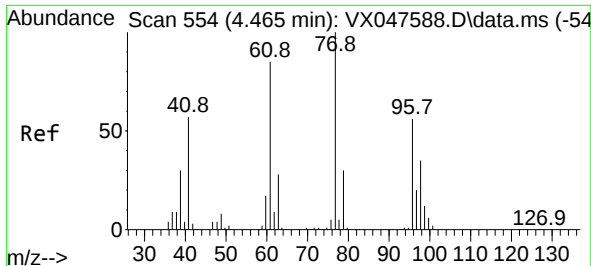
Tgt Ion: 73 Resp: 3143
Ion Ratio Lower Upper
73 100
57 19.5 17.4 26.2



#25
2-Butanone
Concen: 0.291 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

Tgt Ion: 43 Resp: 341
Ion Ratio Lower Upper
43 100
72 0.0 20.1 30.1#





#26

2,2-Dichloropropane

Concen: 0.259 ug/l

RT: 4.538 min Scan# 5

Delta R.T. 0.073 min

Lab File: VX047835.D

Acq: 26 Sep 2025 05:37

Instrument :

MSVOA_X

ClientSampleId :

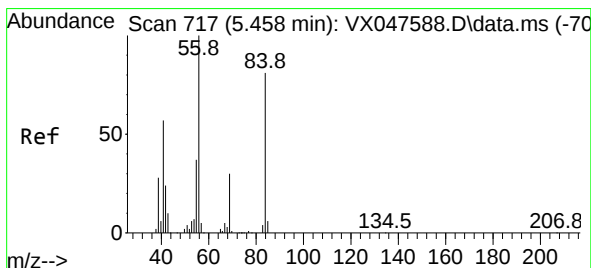
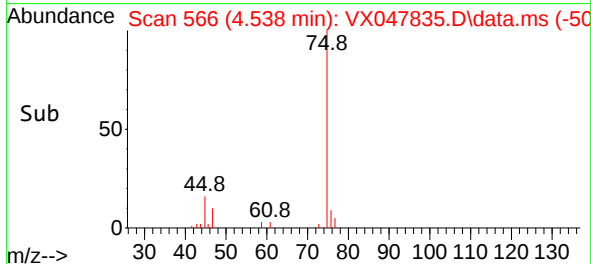
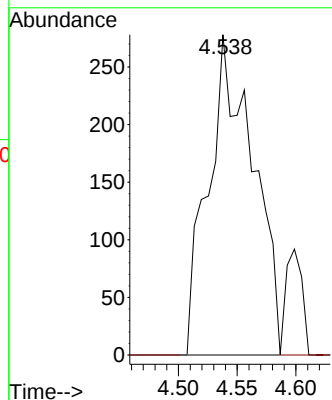
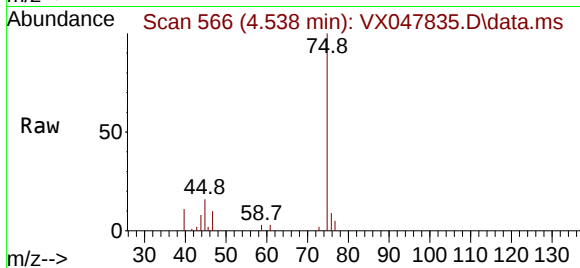
TT14911-20250918

Tgt Ion: 77 Resp: 738

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.7#



#31

Cyclohexane

Concen: 1.015 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX047835.D

Acq: 26 Sep 2025 05:37

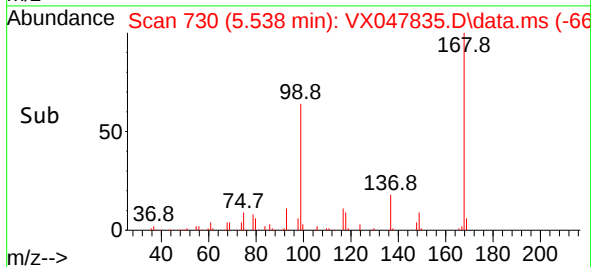
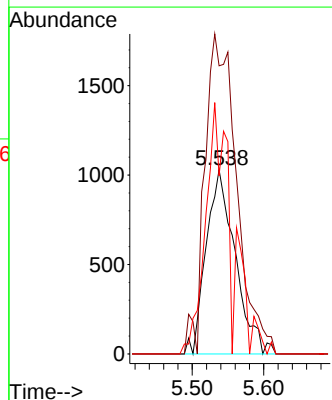
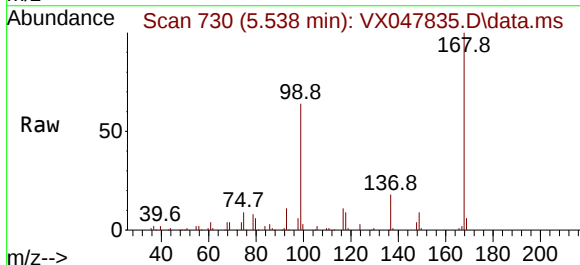
Tgt Ion: 56 Resp: 2903

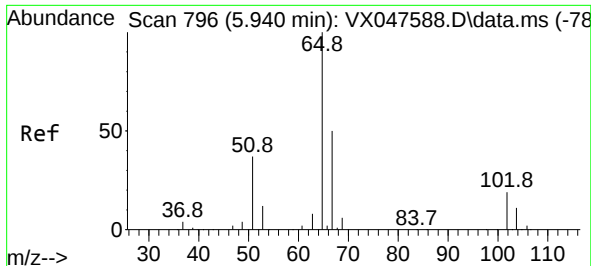
Ion Ratio Lower Upper

56 100

69 156.4 23.8 35.8#

84 96.7 64.6 97.0

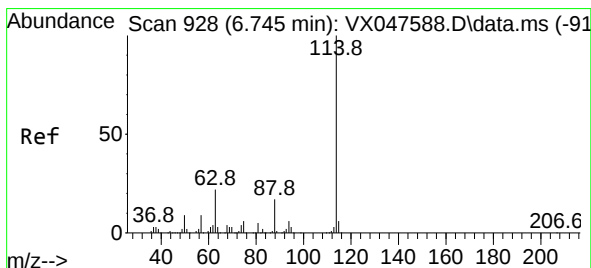
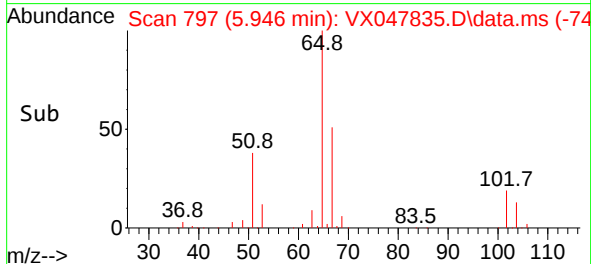
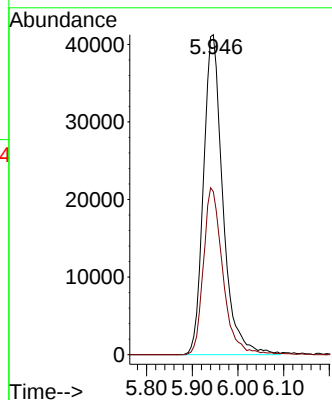
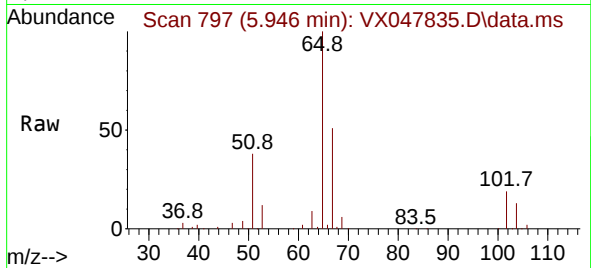




#33
 1,2-Dichloroethane-d4
 Concen: 56.162 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX047835.D
 Acq: 26 Sep 2025 05:37

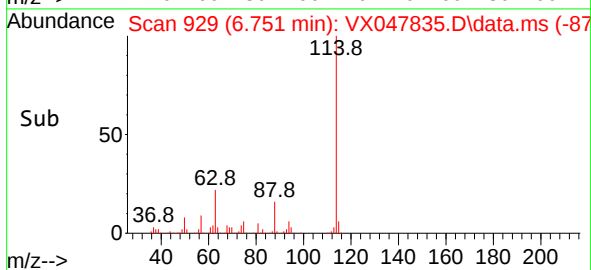
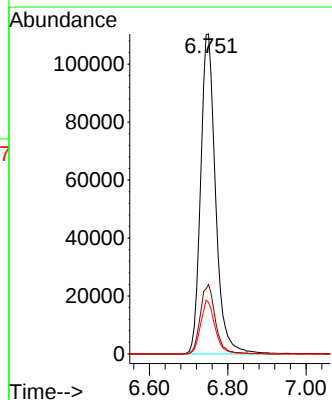
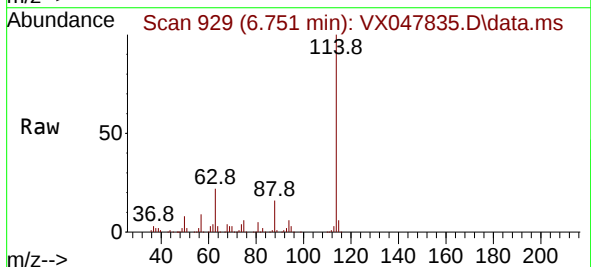
Instrument :
 MSVOA_X
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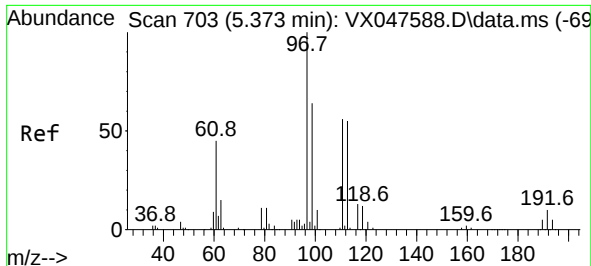
Tgt Ion: 65 Resp: 121507
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047835.D
 Acq: 26 Sep 2025 05:37

Tgt Ion: 114 Resp: 292407
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.0
 88 16.1 0.0 34.2

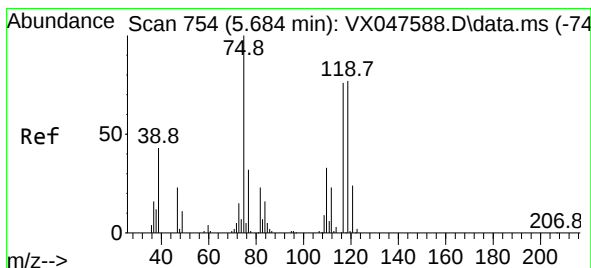
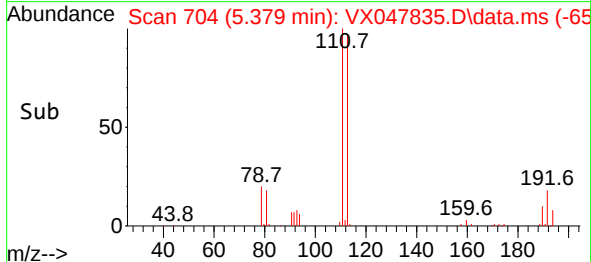
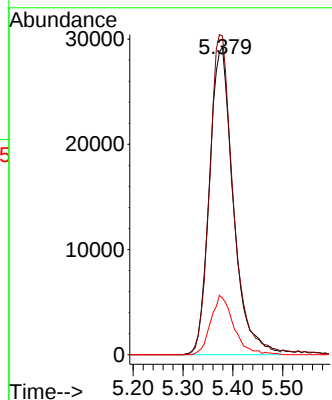
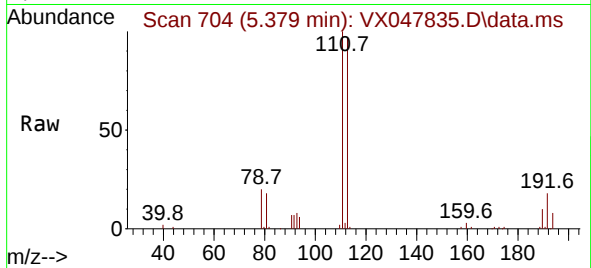




#35
Dibromofluoromethane
Concen: 49.558 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

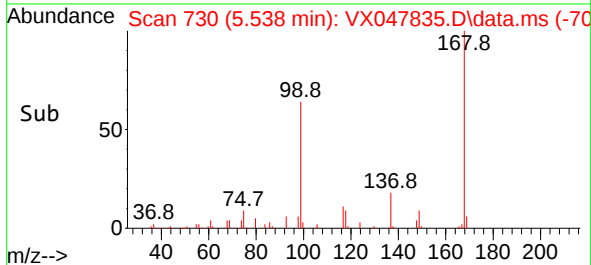
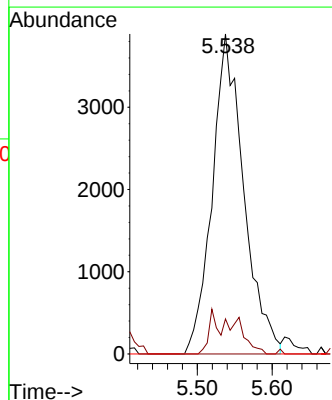
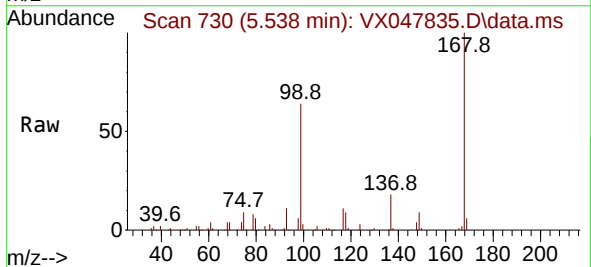
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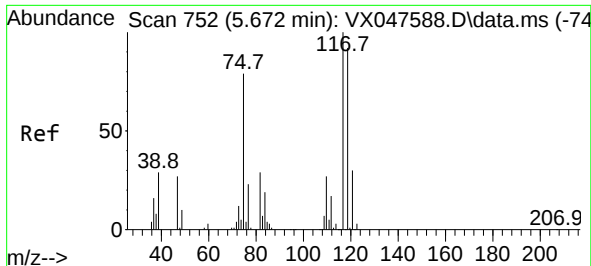
Tgt Ion:113 Resp: 97186
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 18.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 3.976 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

Tgt Ion: 75 Resp: 11392
Ion Ratio Lower Upper
75 100
110 6.8 16.7 50.1#
77 0.0 24.3 36.5#

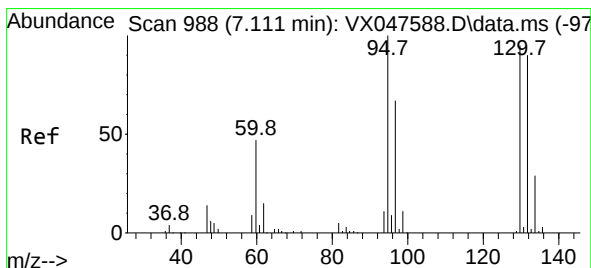
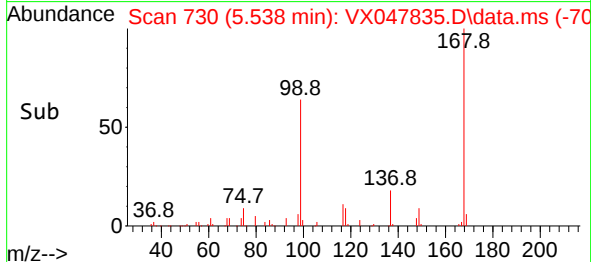
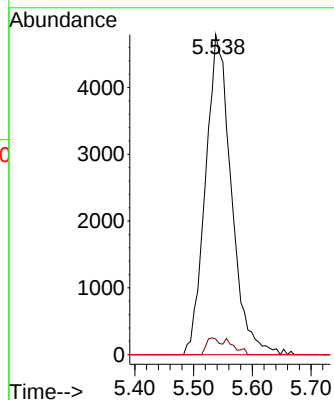
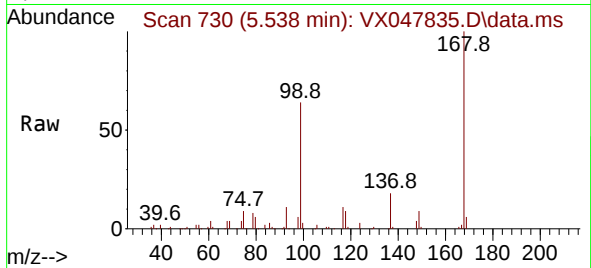




#38
Carbon Tetrachloride
Concen: 4.689 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

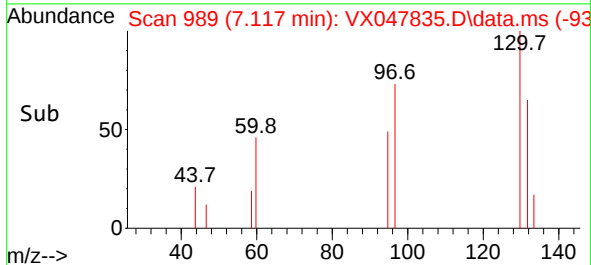
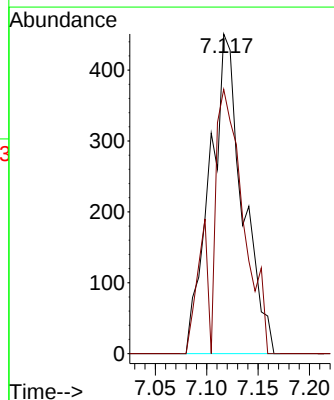
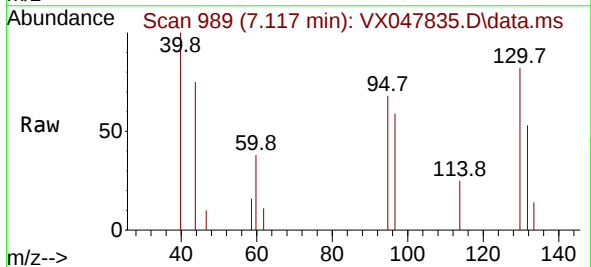
Instrument :
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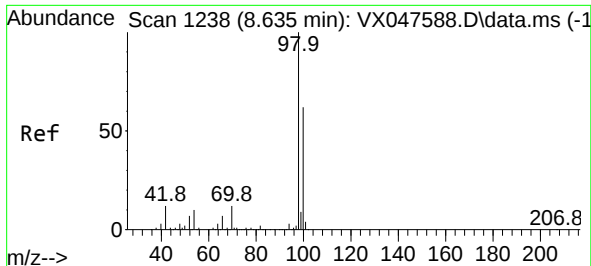
Tgt Ion:117 Resp: 14600
Ion Ratio Lower Upper
117 100
119 4.9 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.476 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

Tgt Ion:130 Resp: 1002
Ion Ratio Lower Upper
130 100
95 82.7 0.0 210.8

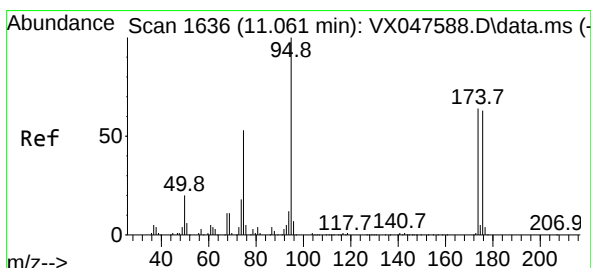
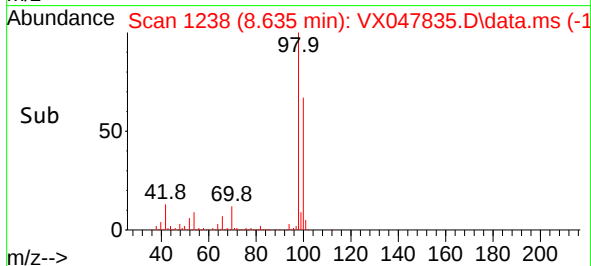
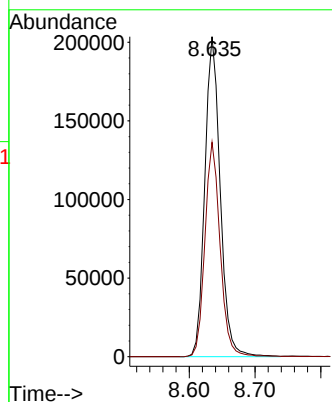
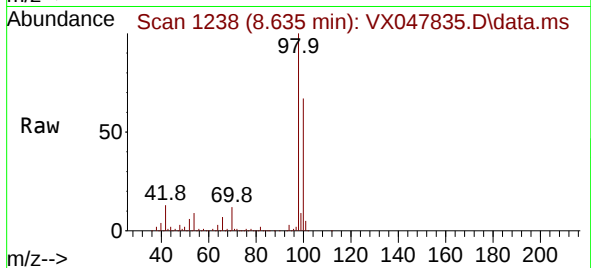




#50
Toluene-d8
Concen: 48.929 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

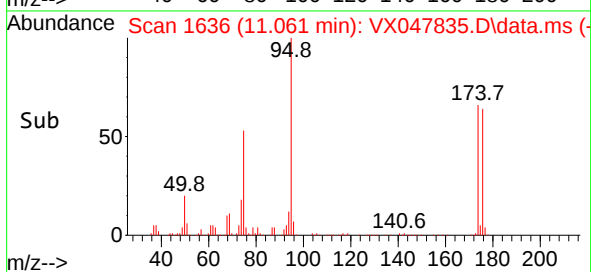
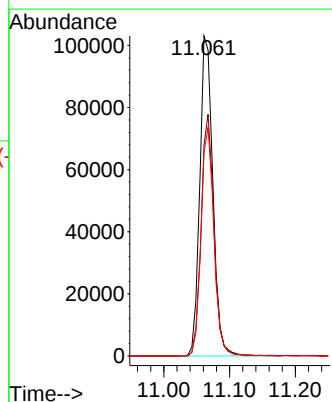
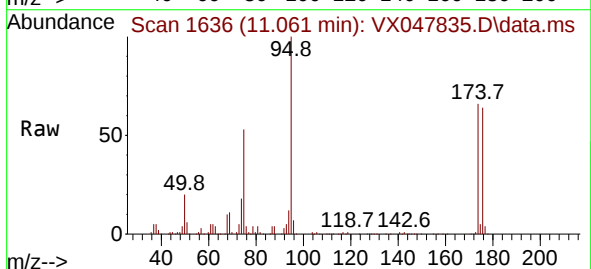
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20250918

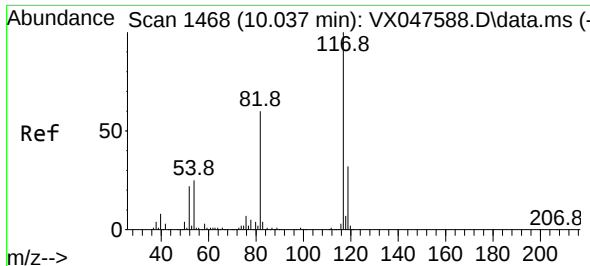
Tgt Ion: 98 Resp: 332011
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.310 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

Tgt Ion: 95 Resp: 142437
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.6
176 70.0 0.0 138.4

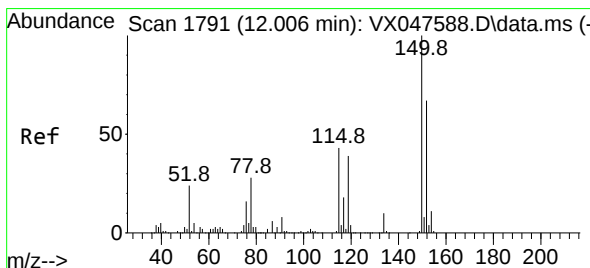
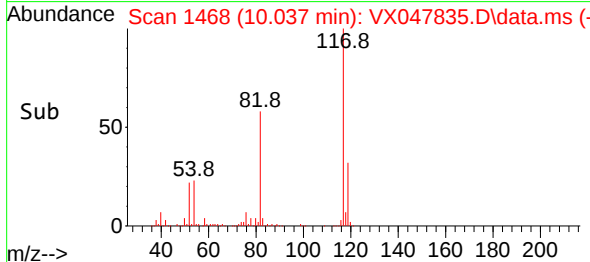
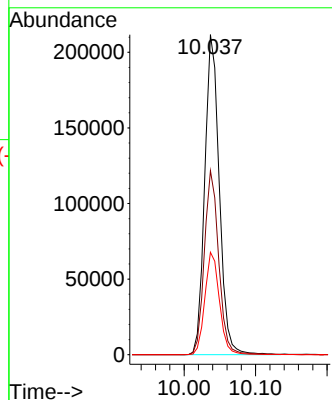
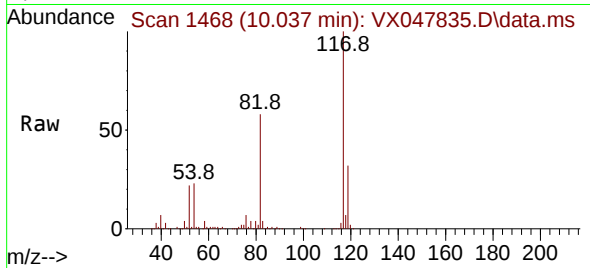




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

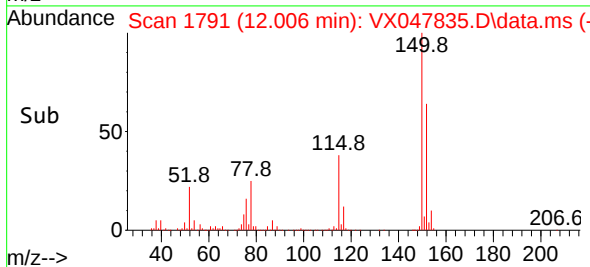
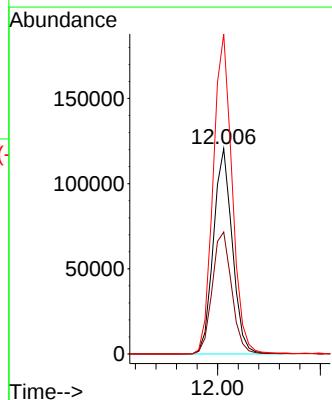
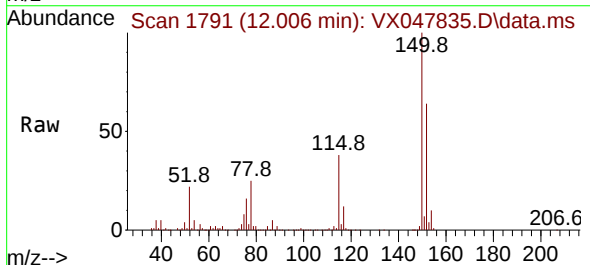
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20250918

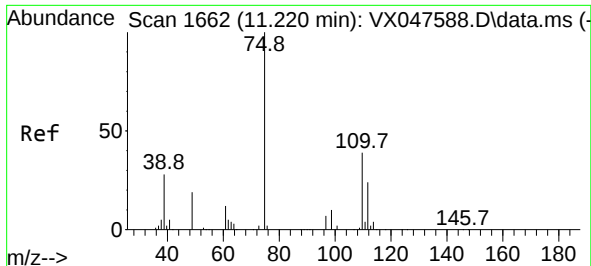
Tgt Ion:117 Resp: 299386
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

Tgt Ion:152 Resp: 153439
Ion Ratio Lower Upper
152 100
115 61.4 44.9 134.5
150 156.4 0.0 352.0

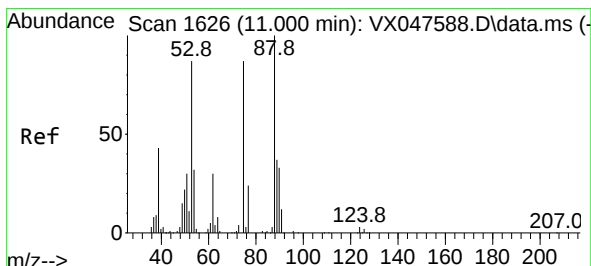
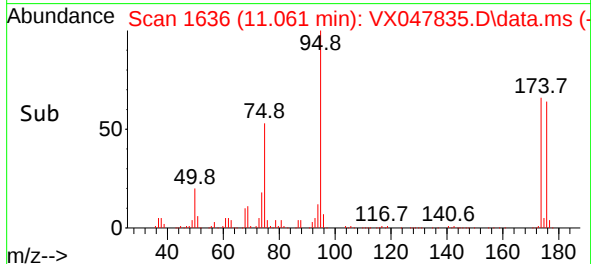
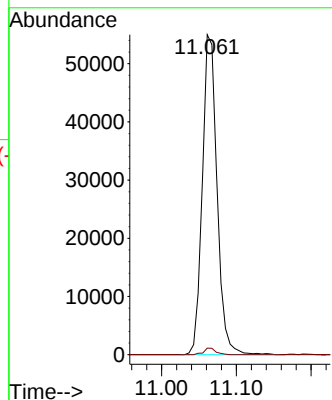
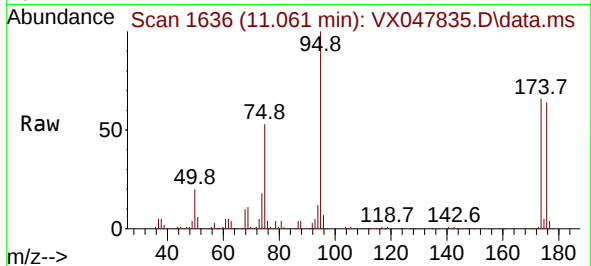




#76
1,2,3-Trichloropropane
Concen: 24.230 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

Instrument :
MSVOA_X
ClientSampleId :
TT14911-20250918

Tgt Ion: 75 Resp: 75275
Ion Ratio Lower Upper
75 100
77 1.7 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.790 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047835.D
Acq: 26 Sep 2025 05:37

Tgt Ion: 75 Resp: 75275
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

