

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047644.D
 Acq On : 18 Sep 2025 16:24
 Operator : JC/MD
 Sample : Q3095-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20250909

Quant Time: Sep 22 03:39:11 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)

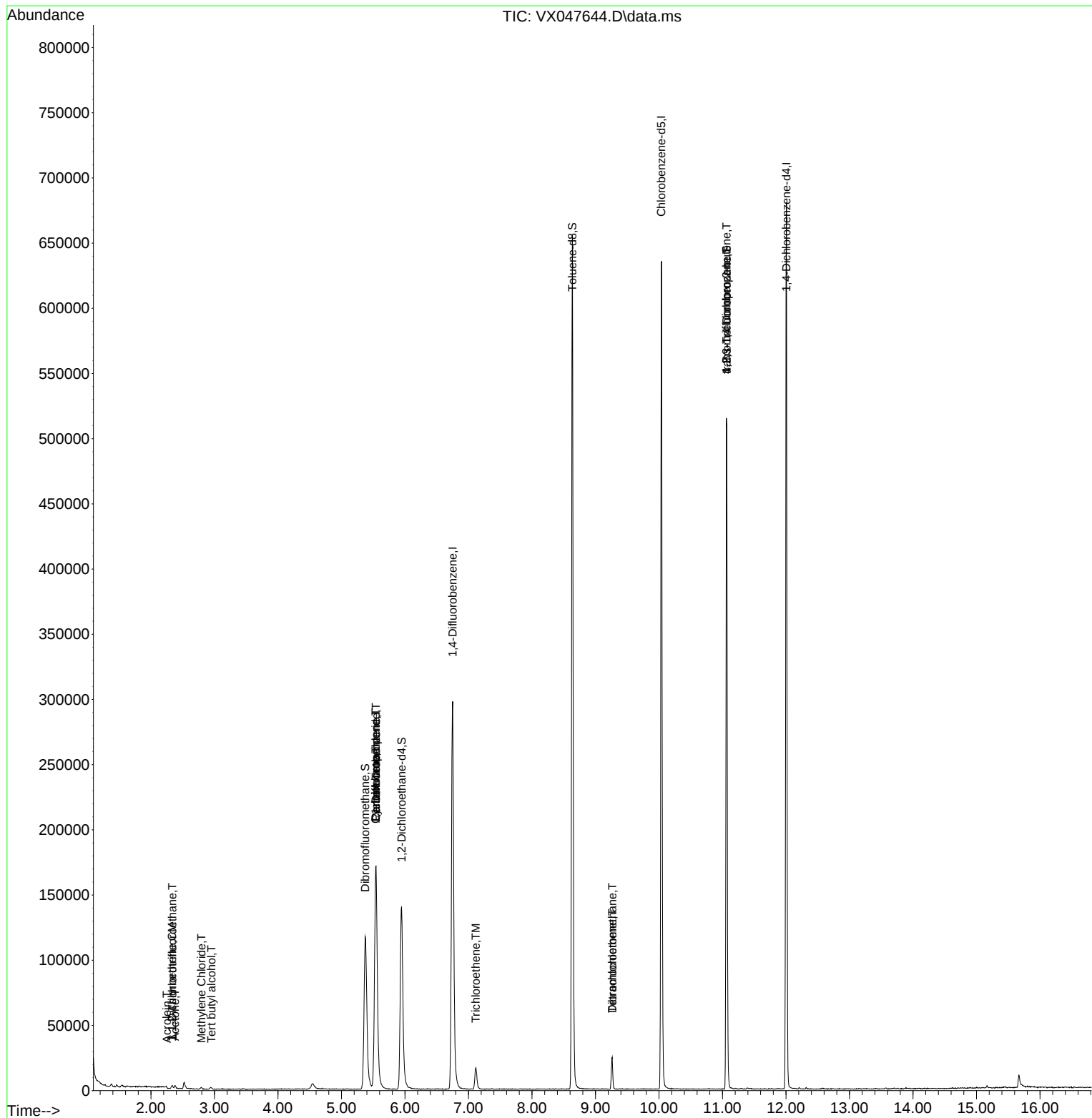
Internal Standards						
1) Pentafluorobenzene	5.544	168	172316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	319145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	294532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	152601	55.636	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 111.280%		
35) Dibromofluoromethane	5.373	113	112492	52.557	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.120%		
50) Toluene-d8	8.635	98	396517	53.539	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.080%		
62) 4-Bromofluorobenzene	11.061	95	152295	54.183	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.360%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	563	0.282	ug/l #	65
11) Tert butyl alcohol	2.953	59	294	0.962	ug/l #	72
12) 1,1-Dichloroethene	2.331	96	511	0.250	ug/l #	87
13) Acrolein	2.252	56	85	0.302	ug/l #	71
16) Acetone	2.380	43	3508	2.941	ug/l	91
20) Methylene Chloride	2.794	84	539	0.214	ug/l #	81
31) Cyclohexane	5.538	56	3452	0.952	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	14959	4.783	ug/l #	52
38) Carbon Tetrachloride	5.544	117	18513	5.448	ug/l #	17
44) Trichloroethene	7.117	130	7208	3.139	ug/l	99
60) Dibromochloromethane	9.263	129	4814	1.851	ug/l #	11
64) Tetrachloroethene	9.263	164	4759	2.479	ug/l	90
76) 1,2,3-Trichloropropane	11.061	75	78865	27.217	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	78865	69.408	ug/l #	8

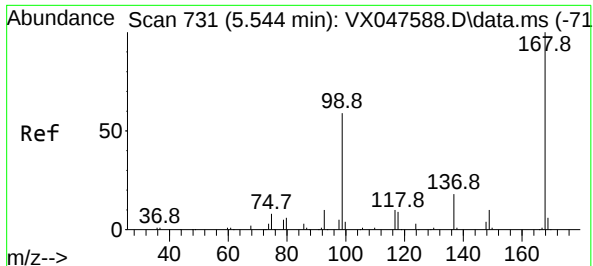
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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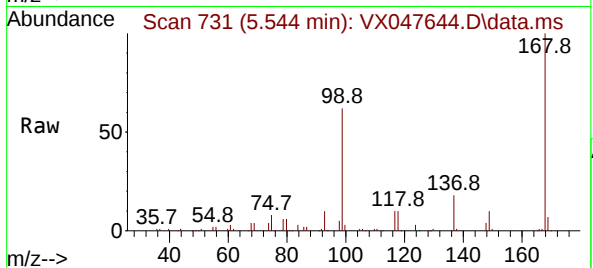
Quant Time: Sep 22 03:39:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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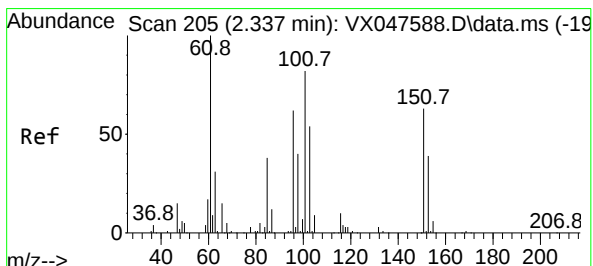
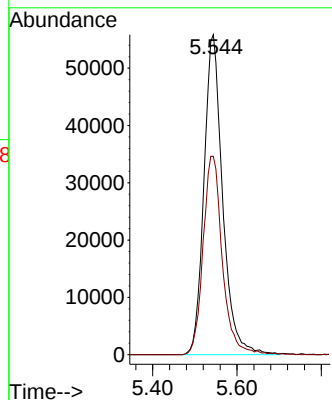
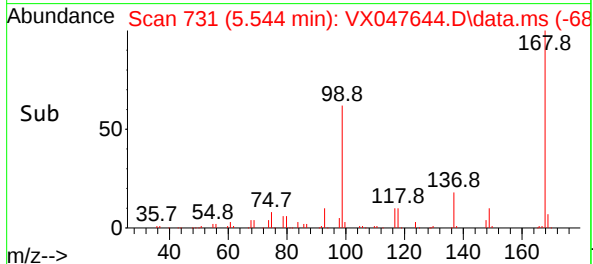


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

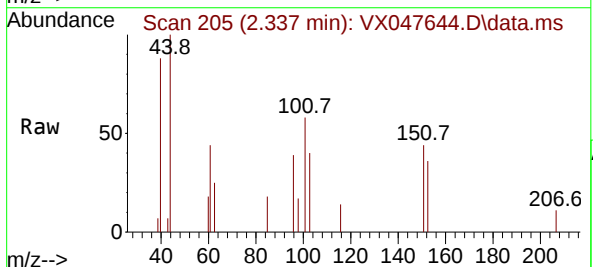
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909



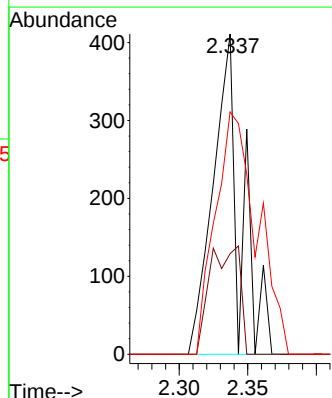
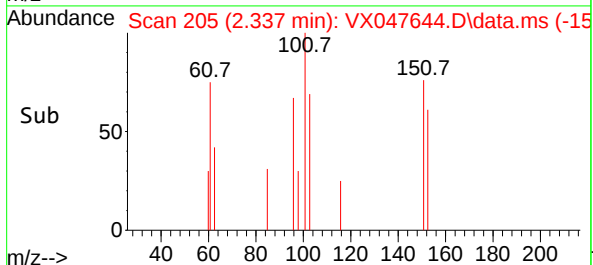
Tgt Ion:168 Resp: 172316
Ion Ratio Lower Upper
168 100
99 62.0 48.8 73.2

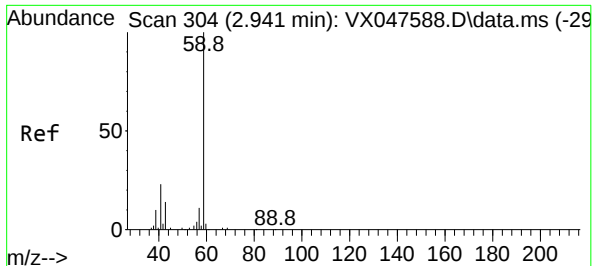


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.282 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24



Tgt Ion:101 Resp: 563
Ion Ratio Lower Upper
101 100
85 37.7 35.5 53.3
151 116.7 59.4 89.0#

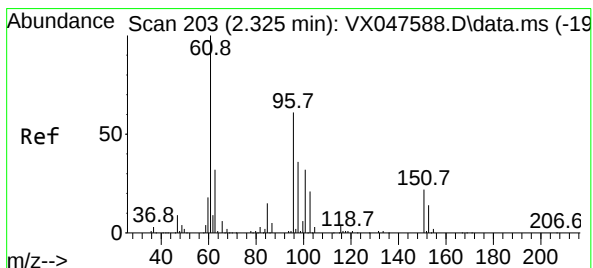
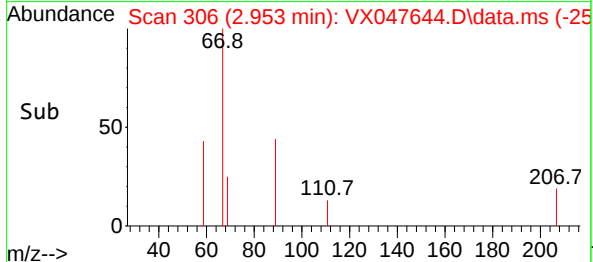
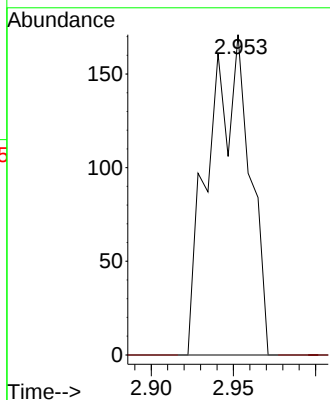
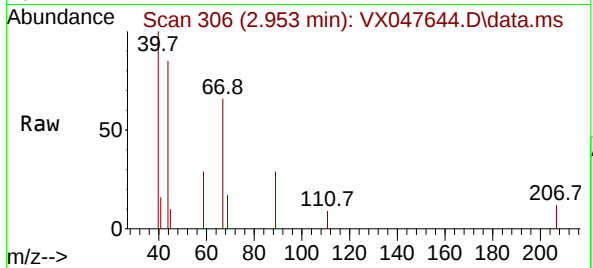




#11
Tert butyl alcohol
Concen: 0.962 ug/l
RT: 2.953 min Scan# 304
Delta R.T. 0.012 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

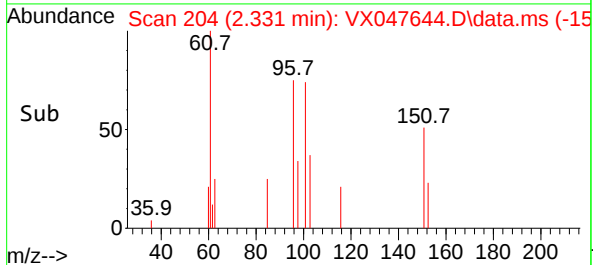
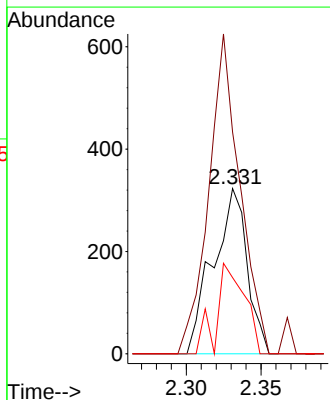
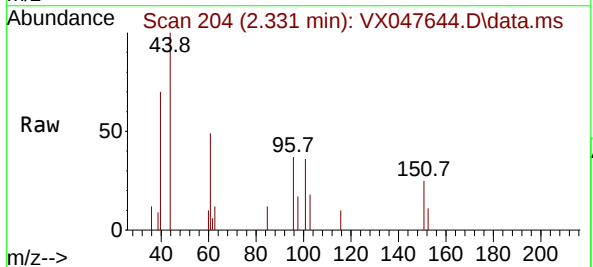
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909

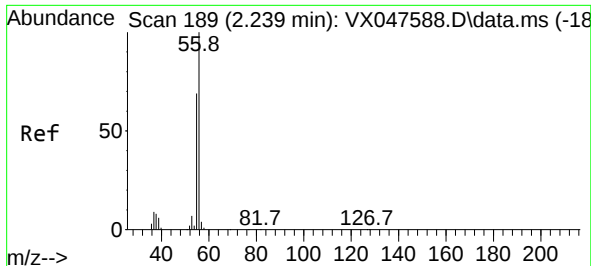
Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.250 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion: 96 Resp: 511
Ion Ratio Lower Upper
96 100
61 149.5 131.0 196.6
98 46.1 47.7 71.5#

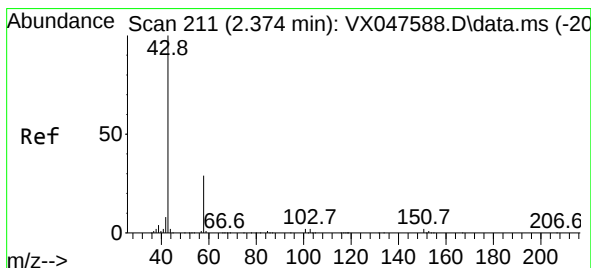
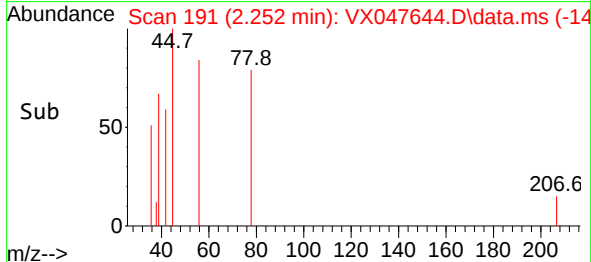
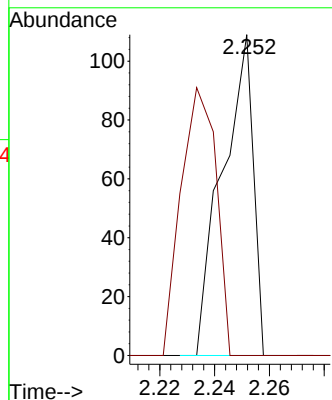
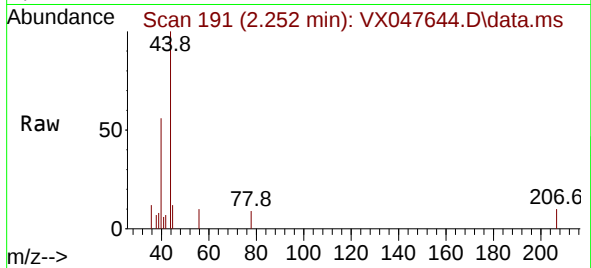




#13
Acrolein
Concen: 0.302 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

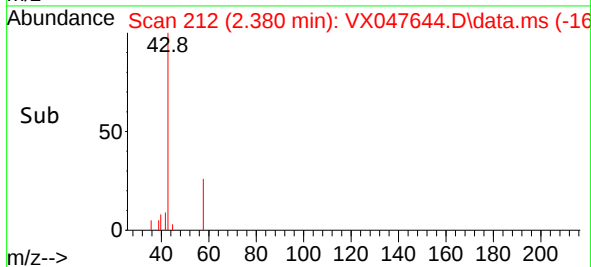
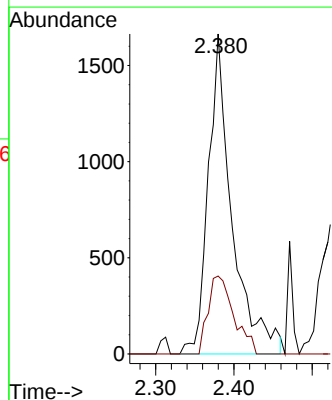
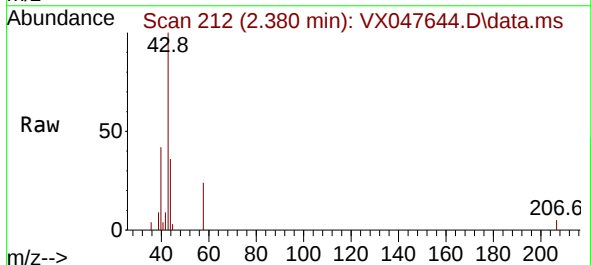
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909

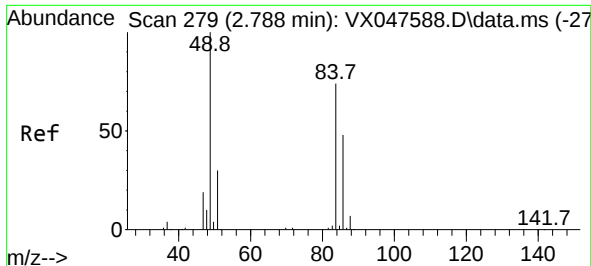
Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 95.3 57.2 85.8#



#16
Acetone
Concen: 2.941 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion: 43 Resp: 3508
Ion Ratio Lower Upper
43 100
58 24.3 23.4 35.0

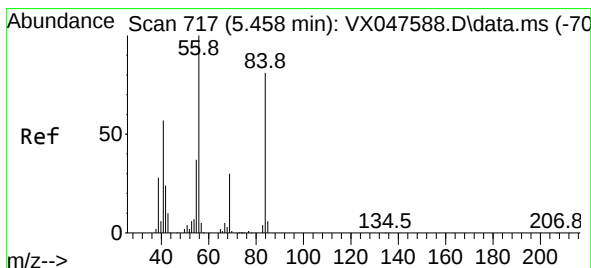
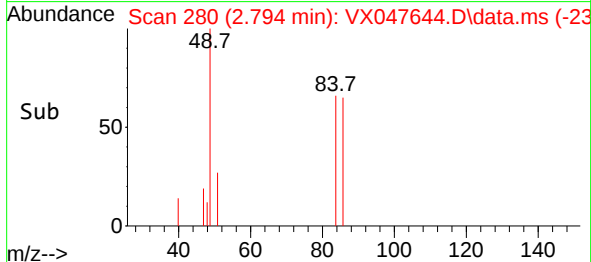
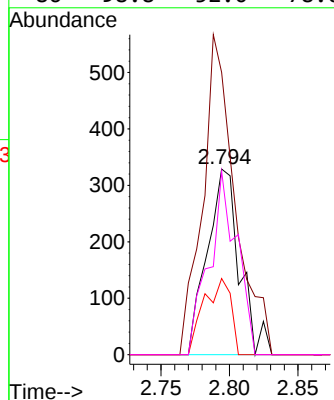
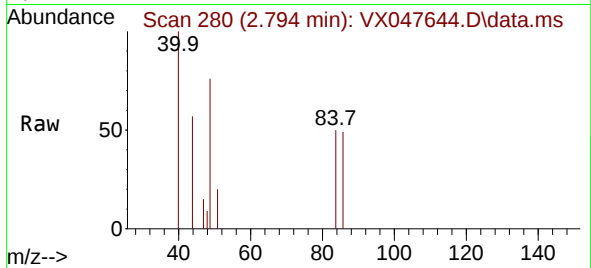




#20
Methylene Chloride
Concen: 0.214 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

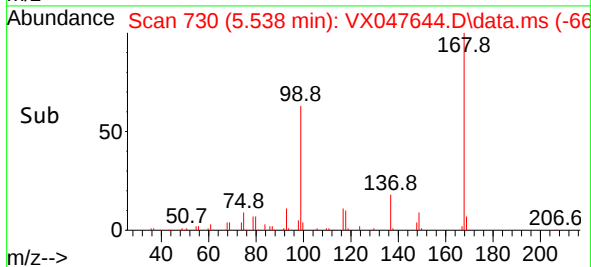
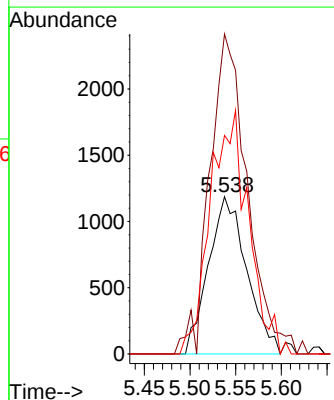
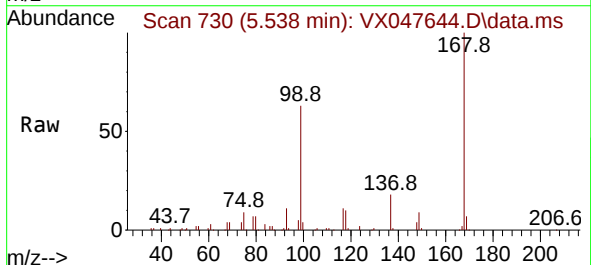
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909

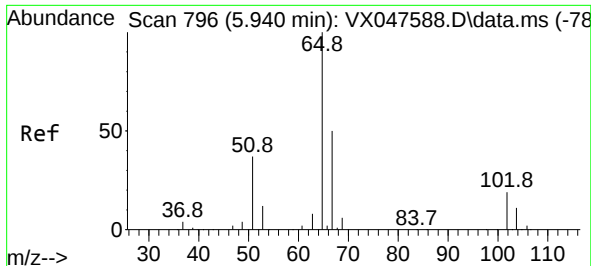
Tgt Ion:	84	Resp:	539
Ion	Ratio	Lower	Upper
84	100		
49	152.0	108.6	162.8
51	41.0	32.6	48.8
86	98.8	52.0	78.0#



#31
Cyclohexane
Concen: 0.952 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion:	56	Resp:	3452
Ion	Ratio	Lower	Upper
56	100		
69	193.7	23.8	35.8#
84	139.0	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 55.636 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047644.D

Acq: 18 Sep 2025 16:24

Instrument :

MSVOA_X

ClientSampleId :

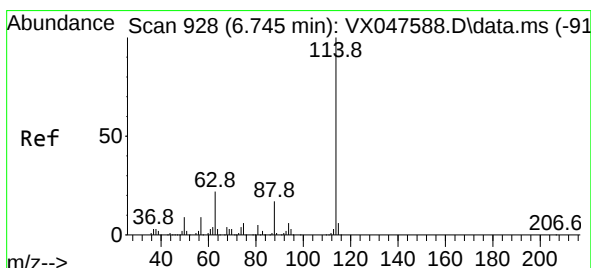
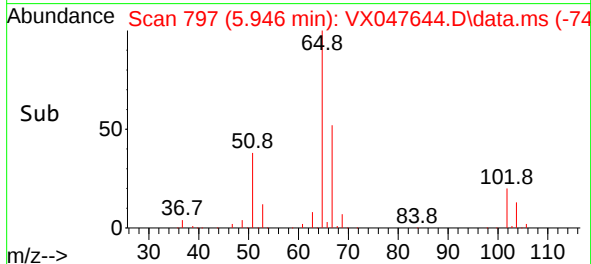
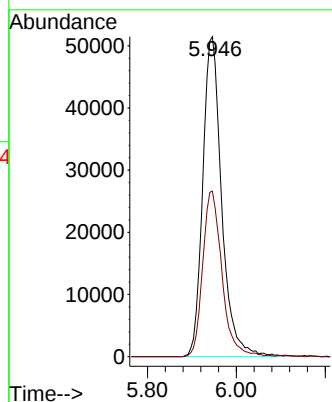
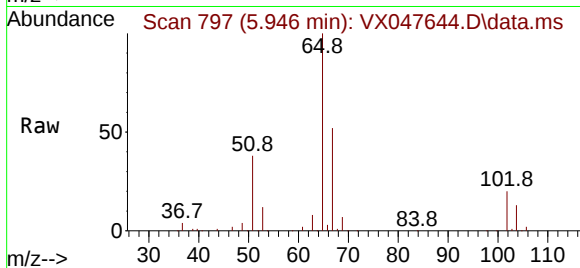
RE126D3-20250909

Tgt Ion: 65 Resp: 152601

Ion Ratio Lower Upper

65 100

67 52.7 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: VX047644.D

Acq: 18 Sep 2025 16:24

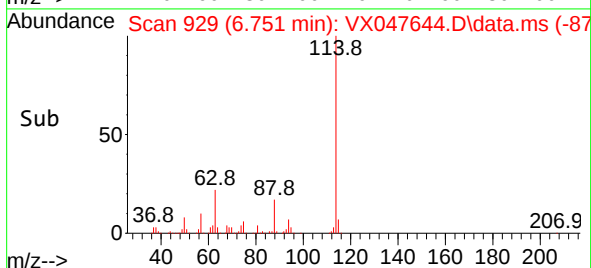
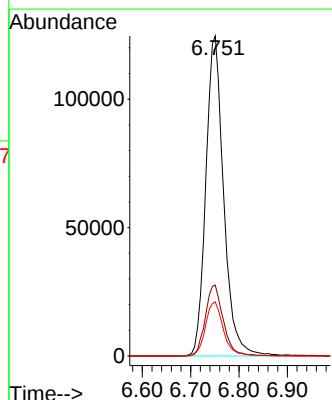
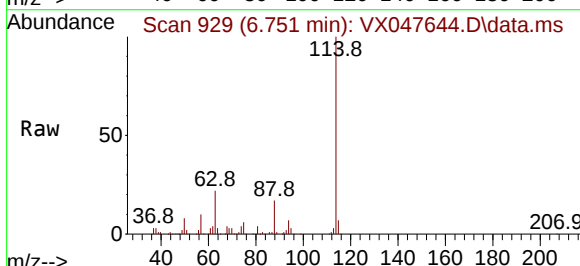
Tgt Ion: 114 Resp: 319145

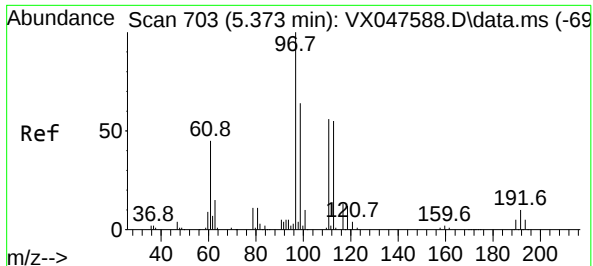
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.0

88 16.9 0.0 34.2

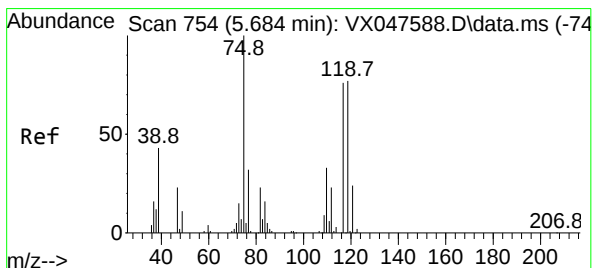
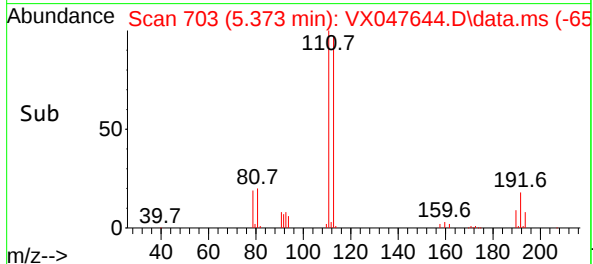
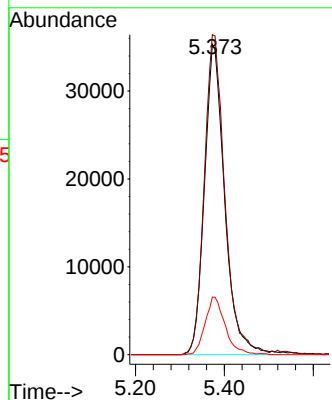
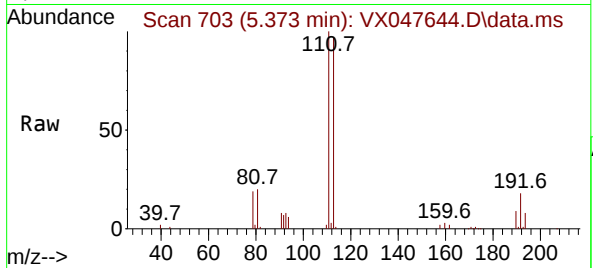




#35
Dibromofluoromethane
Concen: 52.557 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

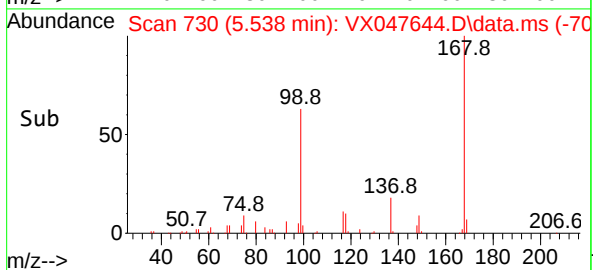
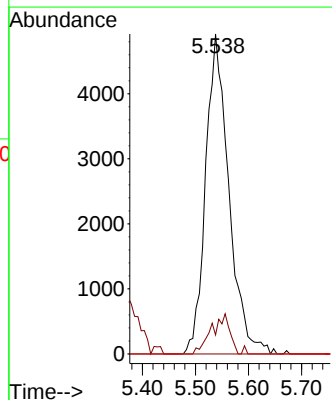
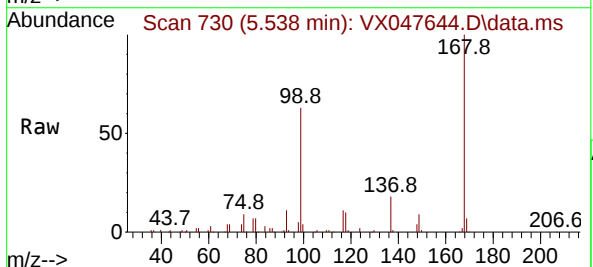
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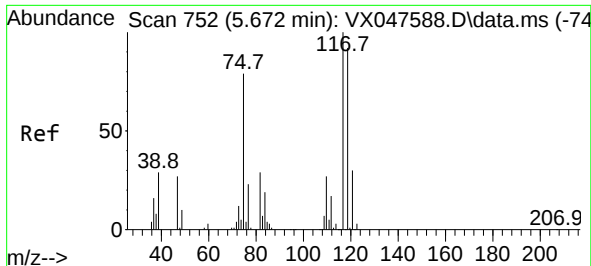
Tgt Ion:113 Resp: 112492
Ion Ratio Lower Upper
113 100
111 103.9 80.9 121.3
192 18.3 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.783 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

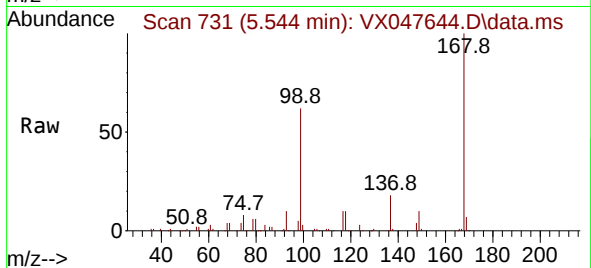
Tgt Ion: 75 Resp: 14959
Ion Ratio Lower Upper
75 100
110 9.9 16.7 50.1#
77 0.0 24.3 36.5#



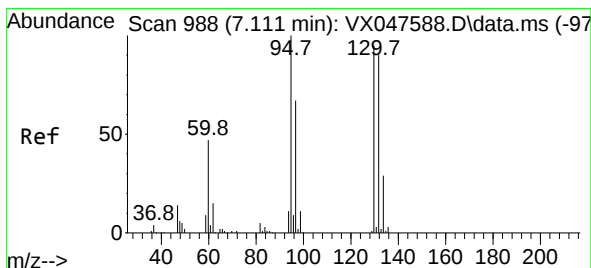
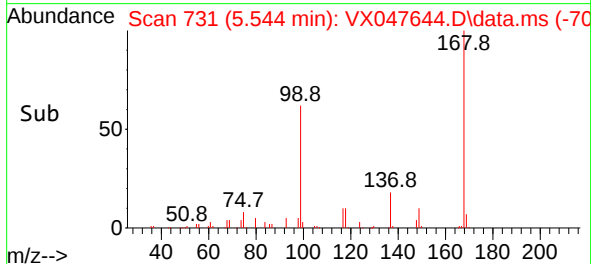
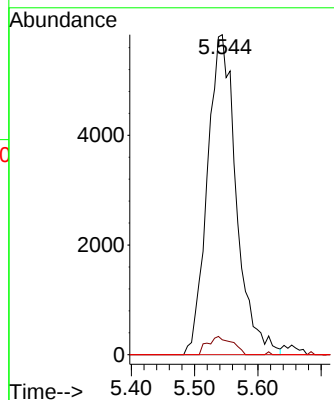


#38
Carbon Tetrachloride
Concen: 5.448 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Instrument :
MSVOA_X
ClientSampleId :
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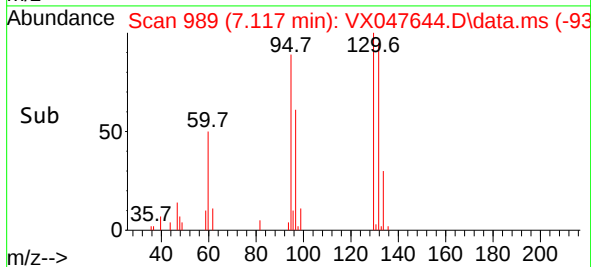
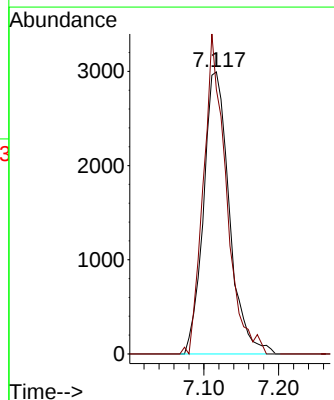
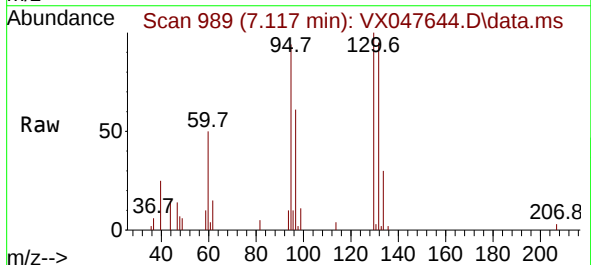


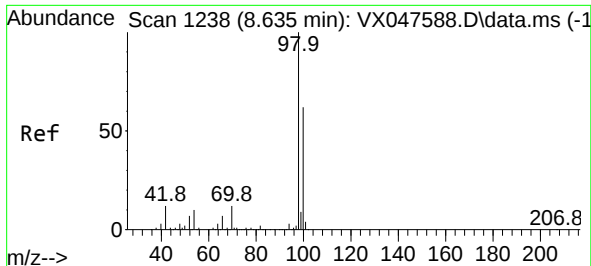
Tgt Ion:117 Resp: 18513
Ion Ratio Lower Upper
117 100
119 4.6 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 3.139 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion:130 Resp: 7208
Ion Ratio Lower Upper
130 100
95 104.1 0.0 210.8

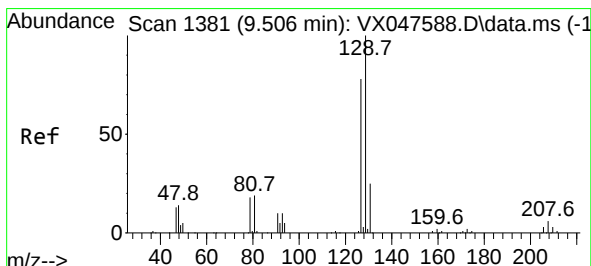
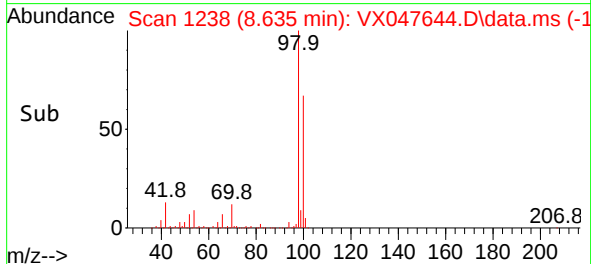
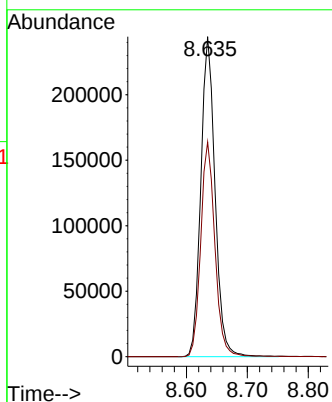
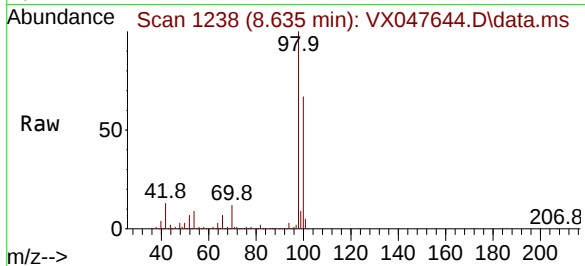




#50
Toluene-d8
Concen: 53.539 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

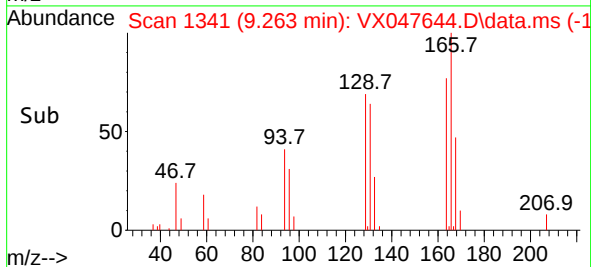
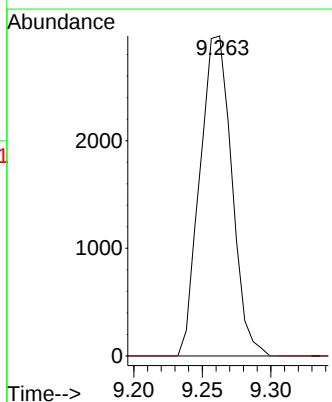
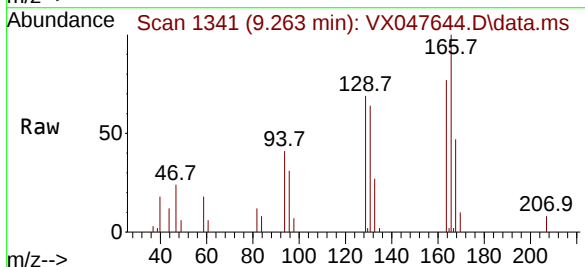
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909

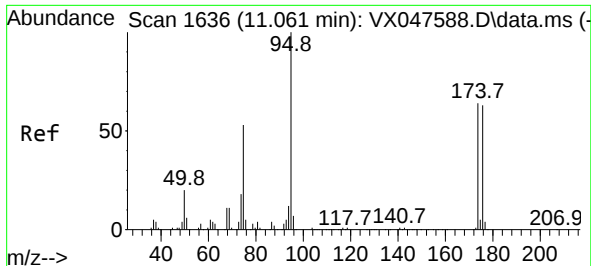
Tgt Ion: 98 Resp: 396517
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#60
Dibromochloromethane
Concen: 1.851 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. -0.244 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion: 129 Resp: 4814
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

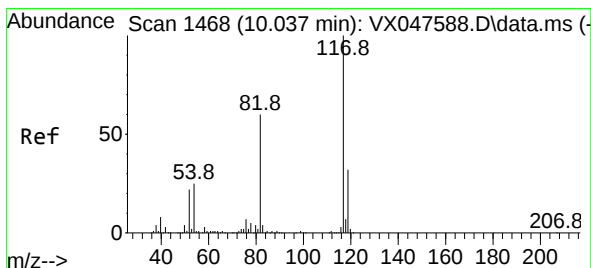
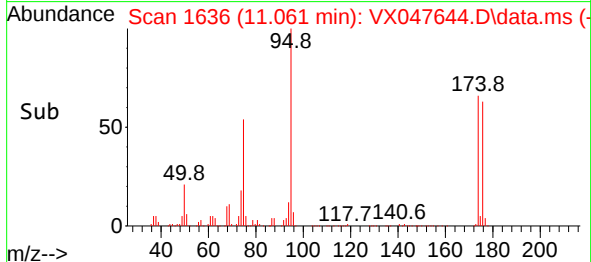
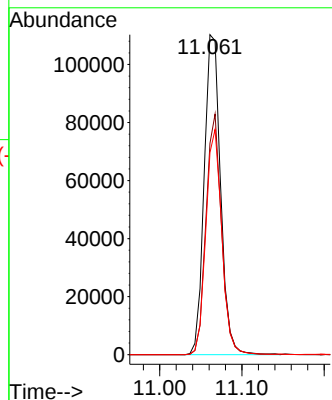
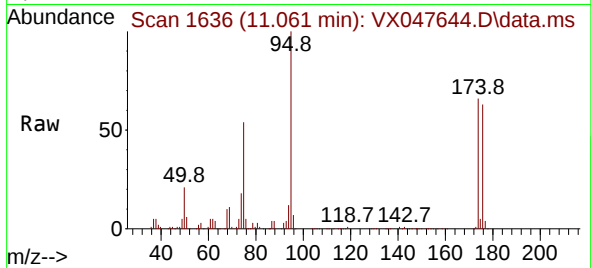




#62
4-Bromofluorobenzene
Concen: 54.183 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

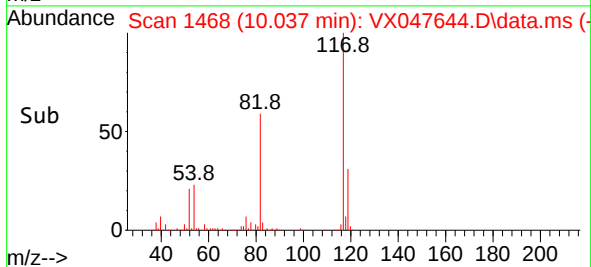
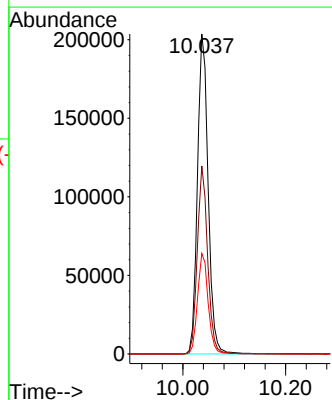
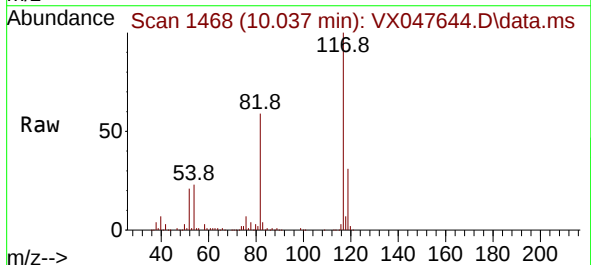
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909

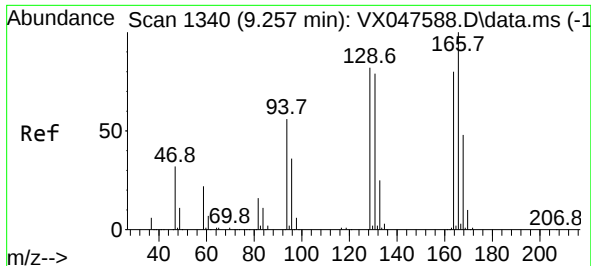
Tgt Ion: 95 Resp: 152295
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 68.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion: 117 Resp: 294532
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.6
119 31.4 25.2 37.8

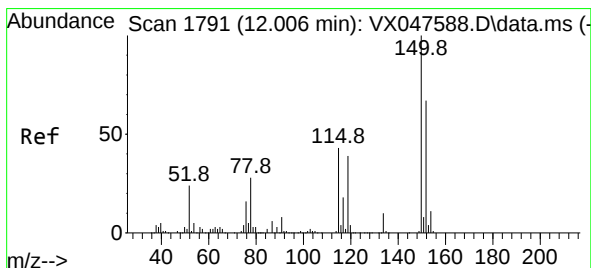
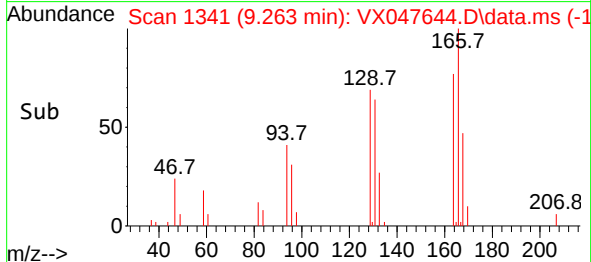
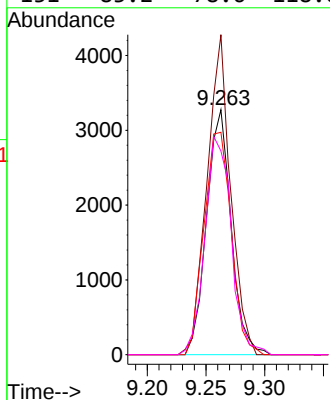
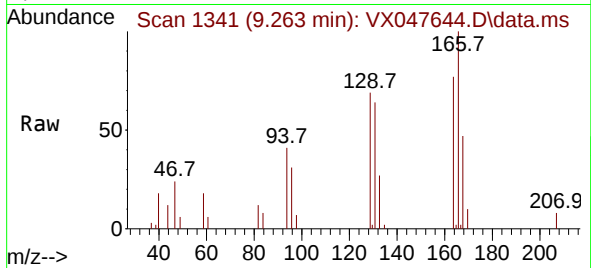




#64
Tetrachloroethene
Concen: 2.479 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

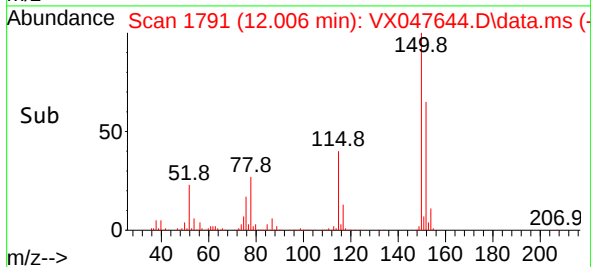
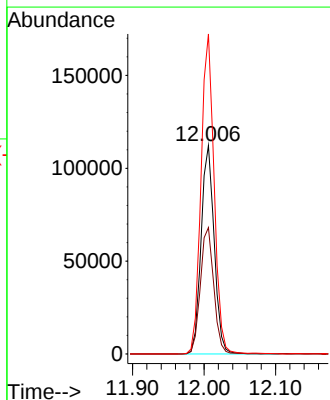
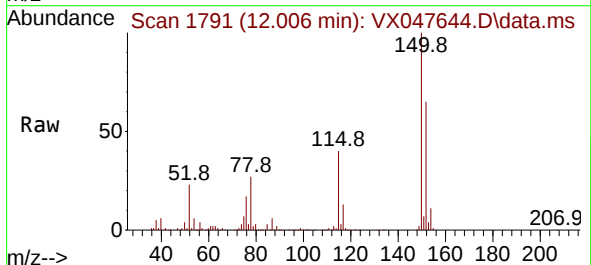
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909

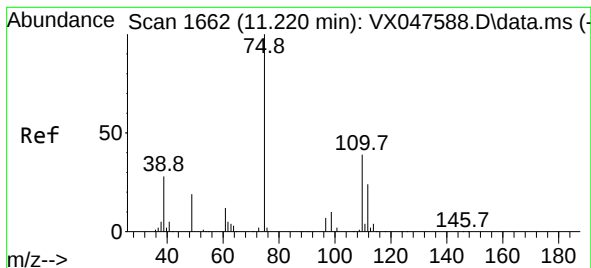
Tgt Ion:164	Resp:	4759
Ion Ratio	Lower	Upper
164	100	
166	130.7	100.2 150.2
129	90.8	81.8 122.6
131	83.2	78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion:152	Resp:	143114
Ion Ratio	Lower	Upper
152	100	
115	62.0	44.9 134.5
150	153.7	0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 27.217 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX047644.D

Acq: 18 Sep 2025 16:24

Instrument :

MSVOA_X

ClientSampleId :

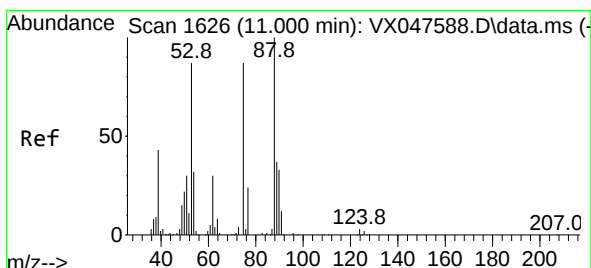
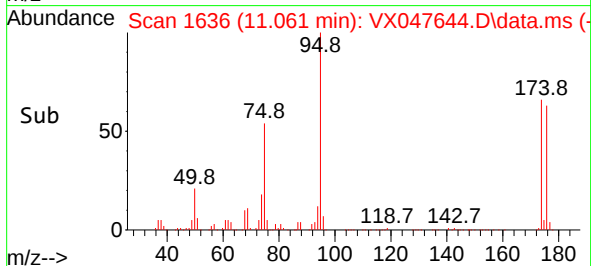
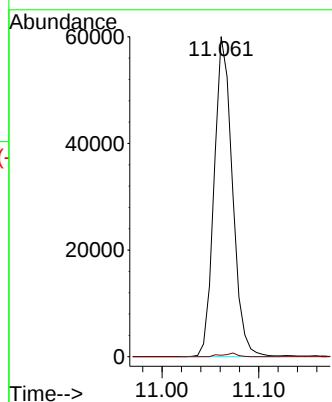
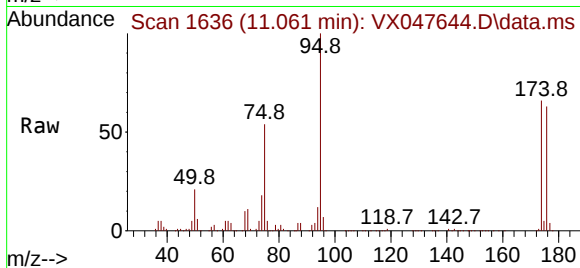
RE126D3-20250909

Tgt Ion: 75 Resp: 78865

Ion Ratio Lower Upper

75 100

77 0.9 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.408 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX047644.D

Acq: 18 Sep 2025 16:24

Tgt Ion: 75 Resp: 78865

Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 36.3 54.5#

