

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048097.D
 Acq On : 09 Oct 2025 18:47
 Operator : JC/MD
 Sample : Q3315-01DL 20X
 Misc : 3.10g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 314MEDL

Quant Time: Oct 10 01:30:12 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)

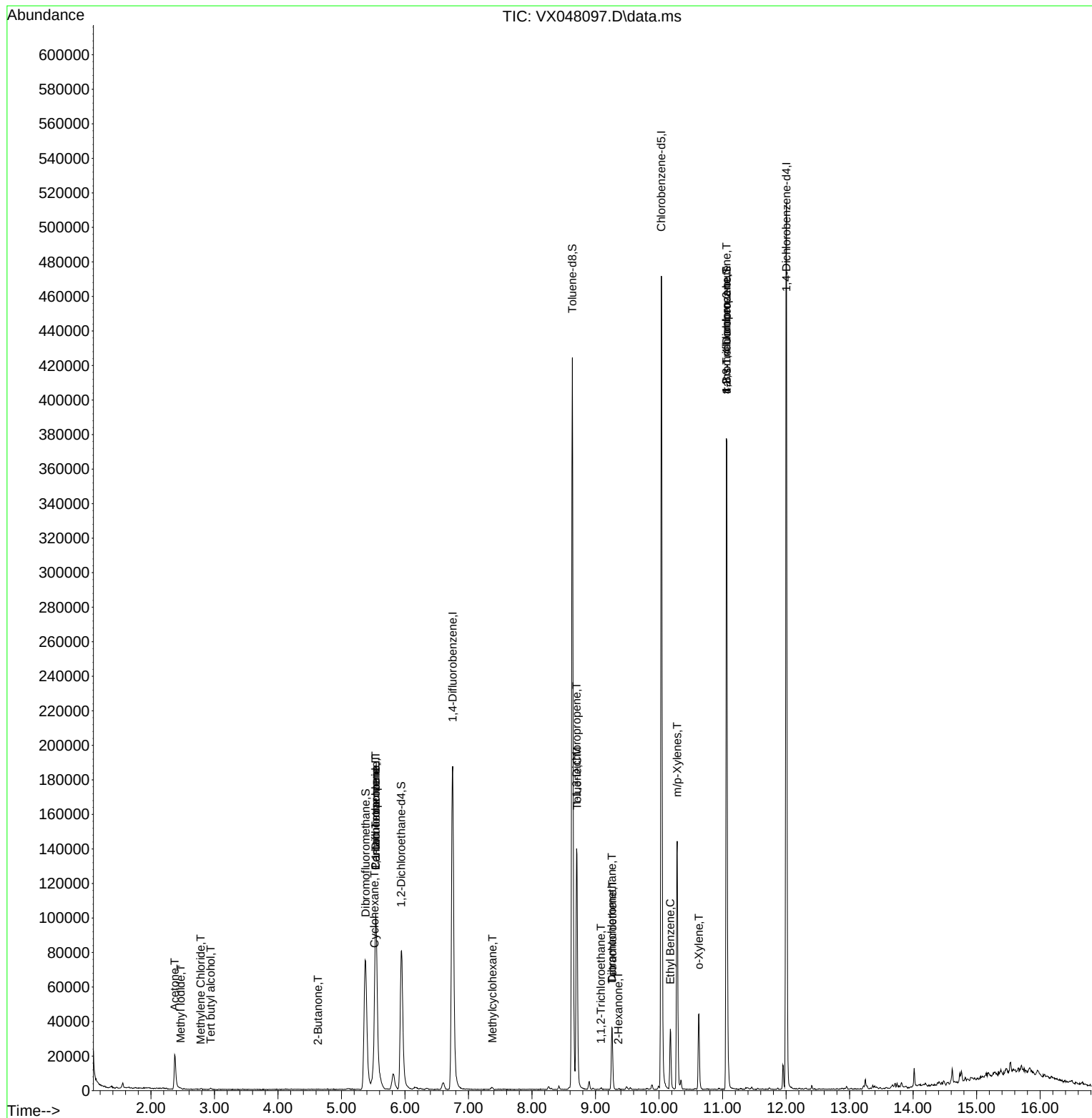
Internal Standards						
1) Pentafluorobenzene	5.538	168	100225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	205661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	89016	55.798	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.600%			
35) Dibromofluoromethane	5.379	113	74520	54.028	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.060%			
50) Toluene-d8	8.635	98	257302	53.913	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.820%			
62) 4-Bromofluorobenzene	11.061	95	111277	61.436	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.880%			
Target Compounds						Qvalue
10) Methyl Iodide	2.465	142	457	0.253	ug/l #	83
11) Tert butyl alcohol	2.940	59	52	0.293	ug/l #	72
16) Acetone	2.373	43	26344	37.979	ug/l	96
20) Methylene Chloride	2.782	84	319	0.217	ug/l #	72
25) 2-Butanone	4.629	43	272	0.314	ug/l #	50
31) Cyclohexane	5.519	56	3308	1.569	ug/l #	60
36) 1,1-Dichloropropene	5.538	75	8765	4.349	ug/l #	50
38) Carbon Tetrachloride	5.538	117	10897	4.976	ug/l #	19
39) Methylcyclohexane	7.379	83	624	0.273	ug/l #	81
52) Toluene	8.708	92	55534	14.725	ug/l	100
53) t-1,3-Dichloropropene	8.702	75	720	0.300	ug/l #	1
55) 1,1,2-Trichloroethane	9.086	97	316	0.217	ug/l #	15
59) 2-Hexanone	9.360	43	315	0.224	ug/l #	26
60) Dibromochloromethane	9.256	129	7456	4.450	ug/l #	11
64) Tetrachloroethene	9.262	164	7127	5.037	ug/l	92
67) Ethyl Benzene	10.177	91	21563	2.534	ug/l	100
68) m/p-Xylenes	10.287	106	34138	10.780	ug/l	98
69) o-Xylene	10.628	106	9994	3.263	ug/l	96
76) 1,2,3-Trichloropropane	11.061	75	58526	26.687	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	58526	68.055	ug/l #	8

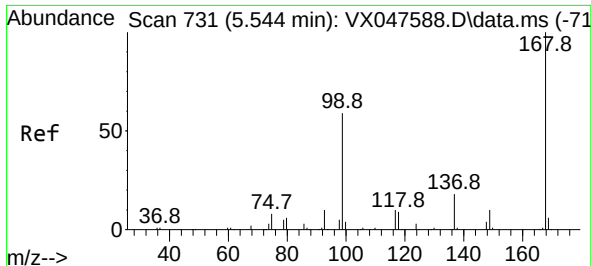
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

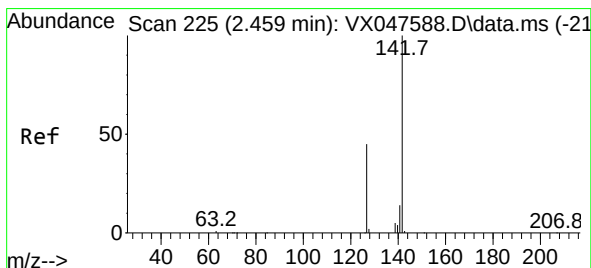
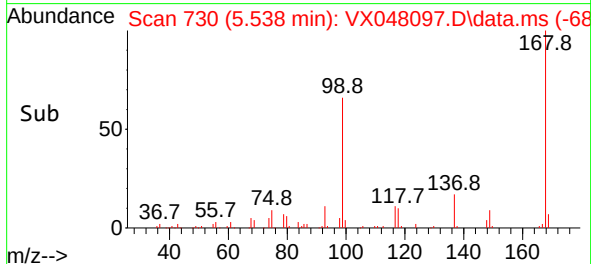
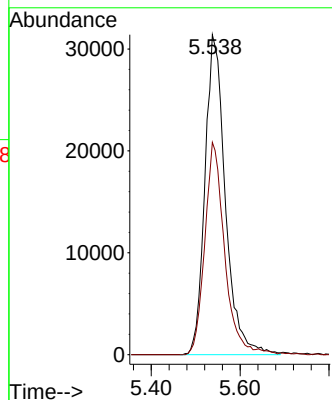
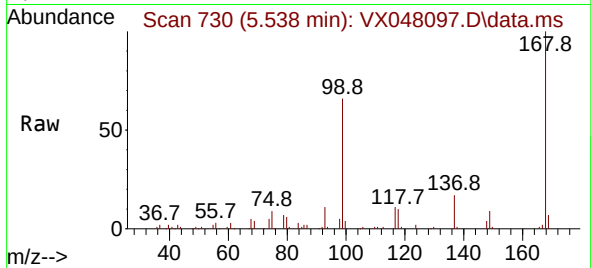




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

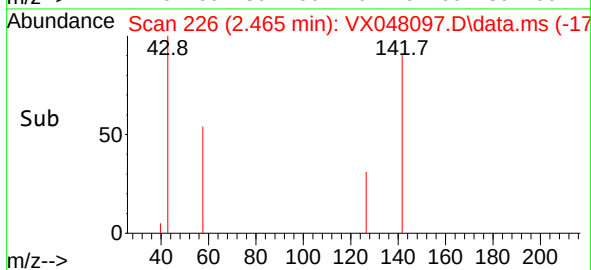
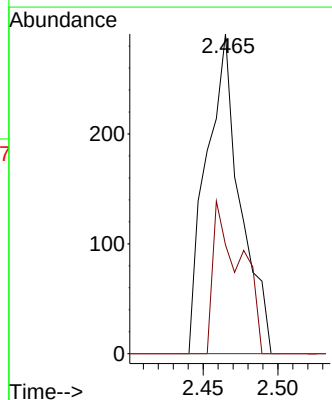
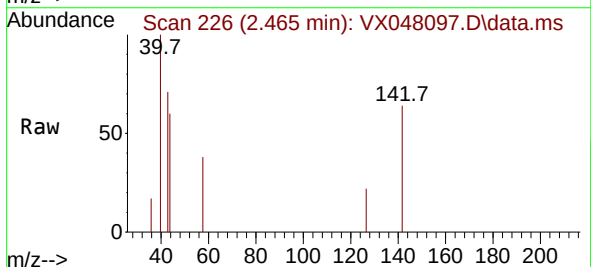
Instrument :
MSVOA_X
ClientSampleId :
314MEDL

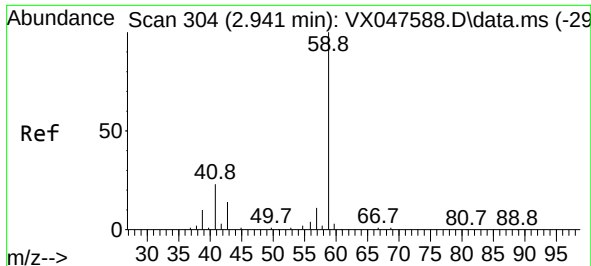
Tgt Ion:168 Resp: 100225
Ion Ratio Lower Upper
168 100
99 66.3 48.8 73.2



#10
Methyl Iodide
Concen: 0.253 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Tgt Ion:142 Resp: 457
Ion Ratio Lower Upper
142 100
127 38.7 37.2 55.8
141 0.0 11.4 17.0#

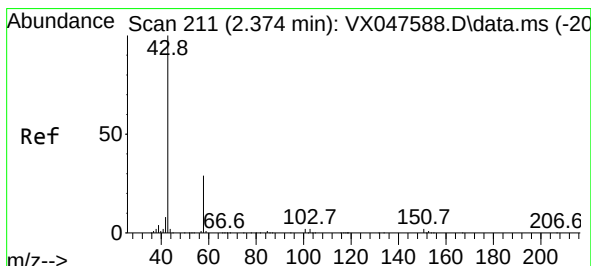
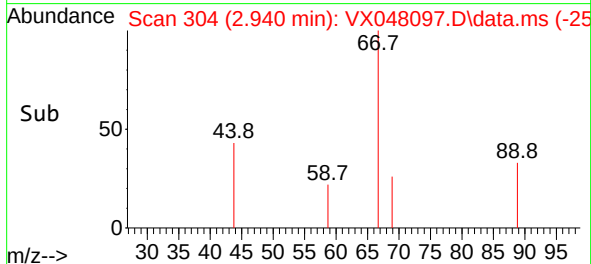
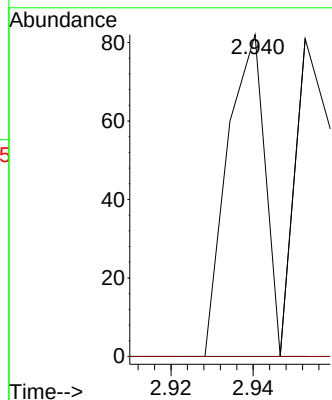
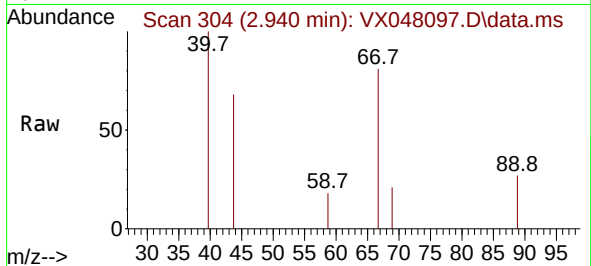




#11
Tert butyl alcohol
Concen: 0.293 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

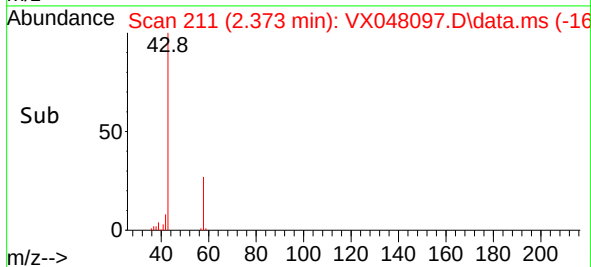
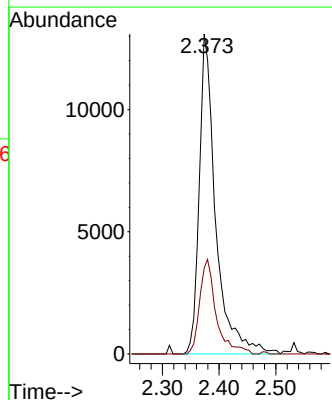
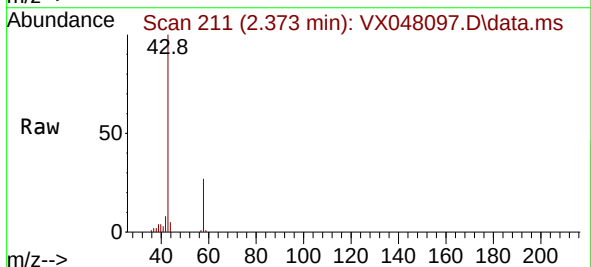
Instrument :
MSVOA_X
ClientSampleId :
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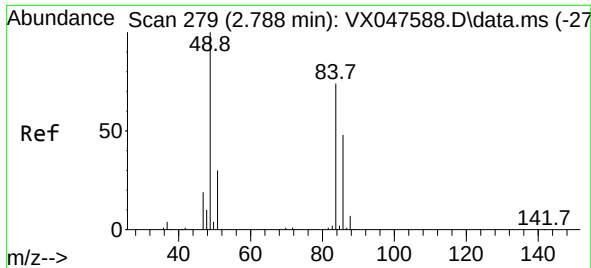
Tgt Ion: 59 Resp: 52
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 37.979 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

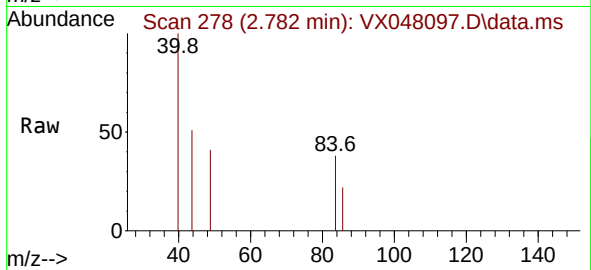
Tgt Ion: 43 Resp: 26344
Ion Ratio Lower Upper
43 100
58 26.9 23.4 35.0



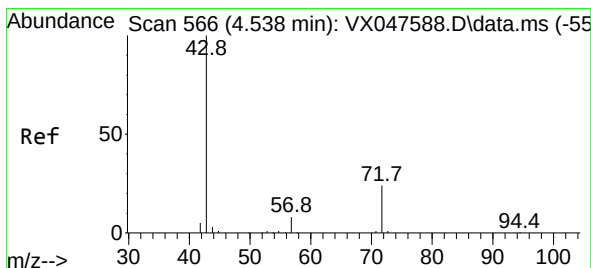
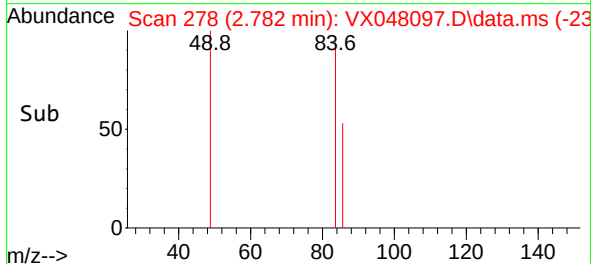
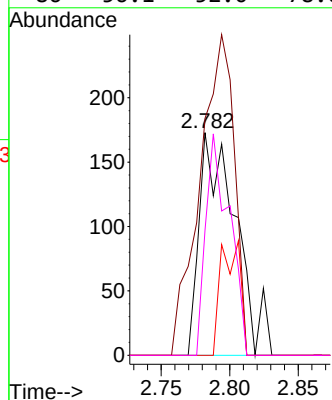


#20
Methylene Chloride
Concen: 0.217 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Instrument :
MSVOA_X
ClientSampleId :
314MEDL

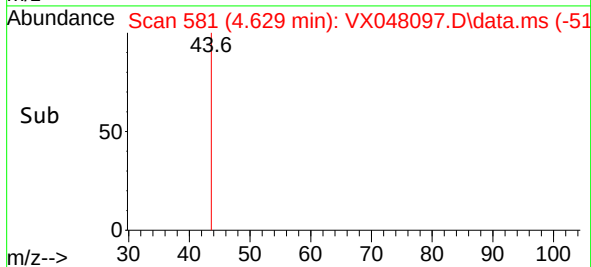
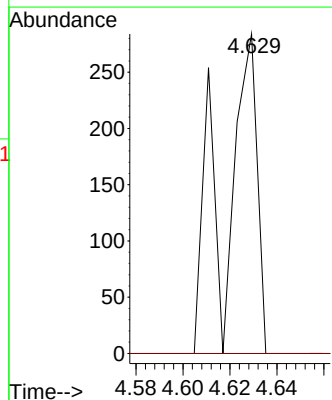
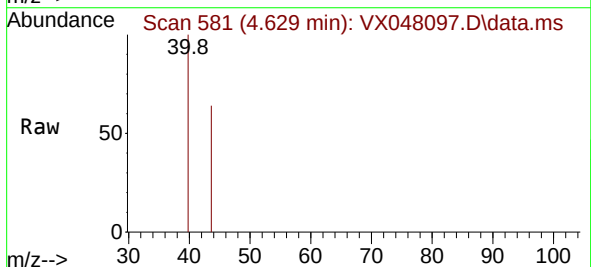


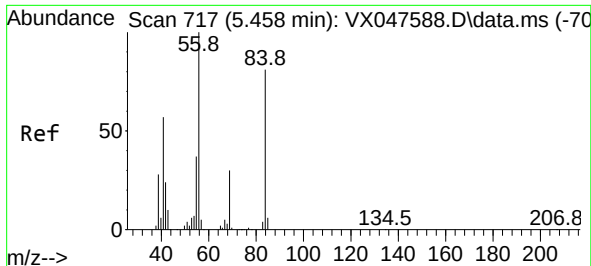
Tgt Ion: 84 Resp: 319
Ion Ratio Lower Upper
84 100
49 106.4 108.6 162.8#
51 0.0 32.6 48.8#
86 56.1 52.0 78.0



#25
2-Butanone
Concen: 0.314 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.091 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
72 0.0 20.1 30.1#

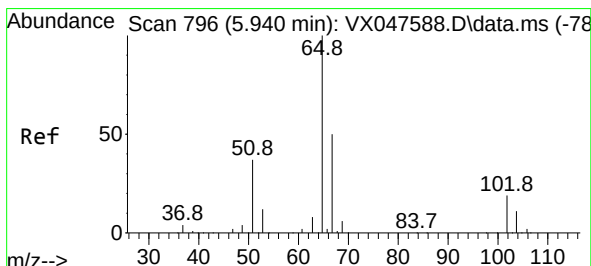
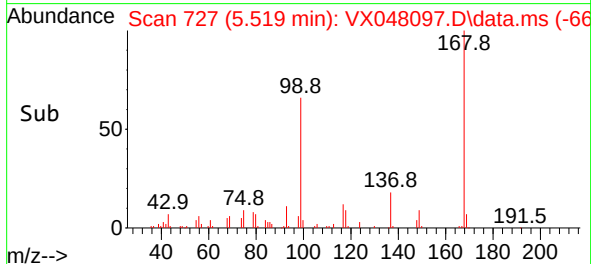
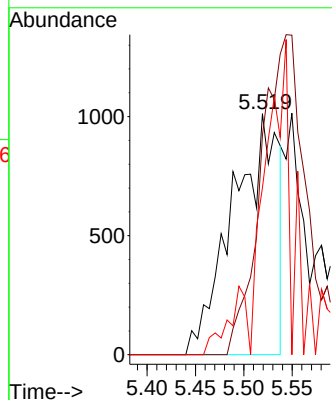
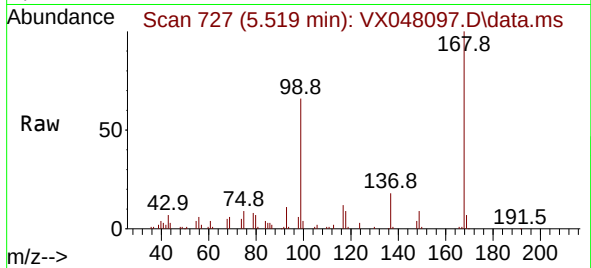




#31
Cyclohexane
Concen: 1.569 ug/l
RT: 5.519 min Scan# 717
Delta R.T. 0.061 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

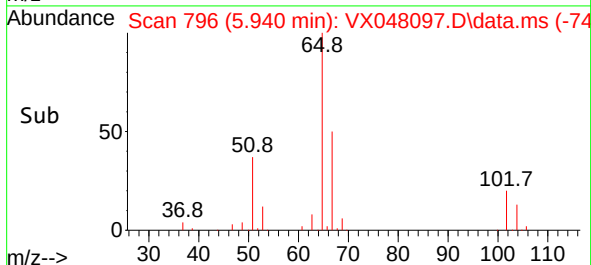
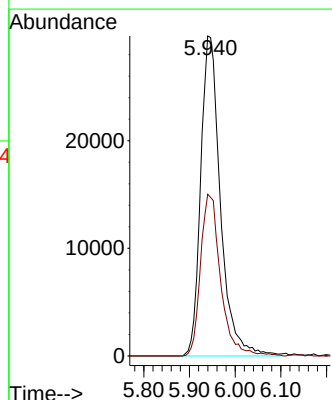
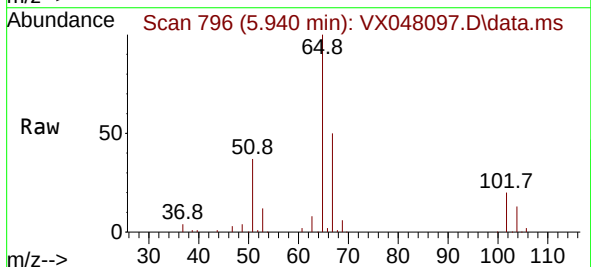
Instrument :
MSVOA_X
ClientSampleId :
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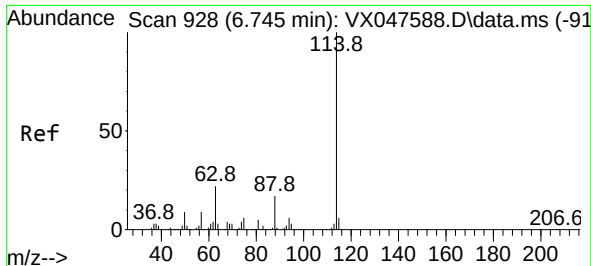
Tgt Ion: 56 Resp: 3308
Ion Ratio Lower Upper
56 100
69 91.1 23.8 35.8#
84 69.3 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 55.798 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Tgt Ion: 65 Resp: 89016
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

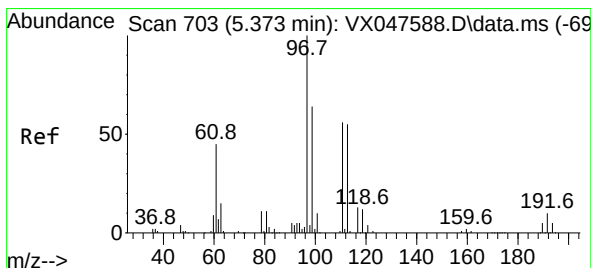
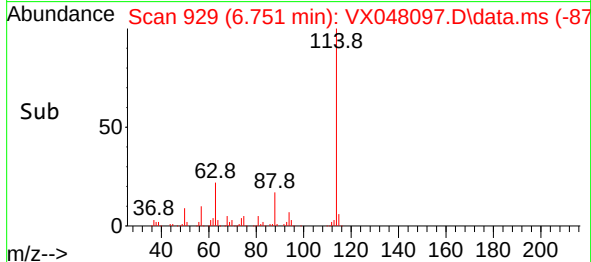
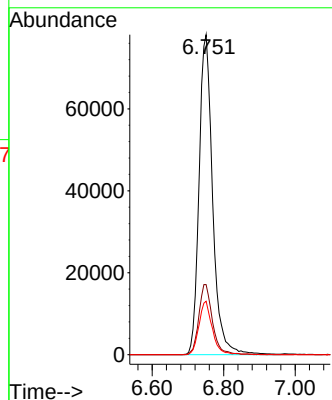
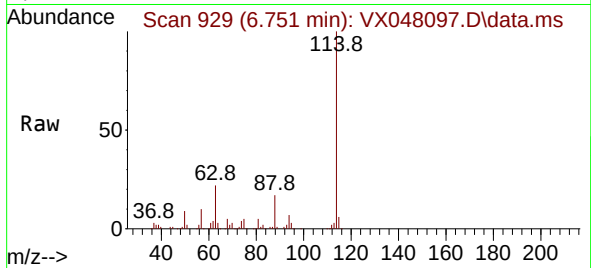




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

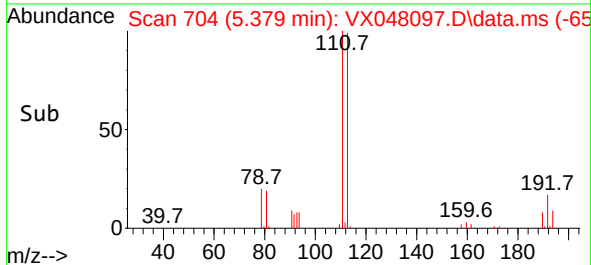
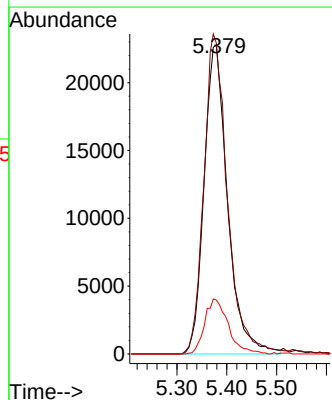
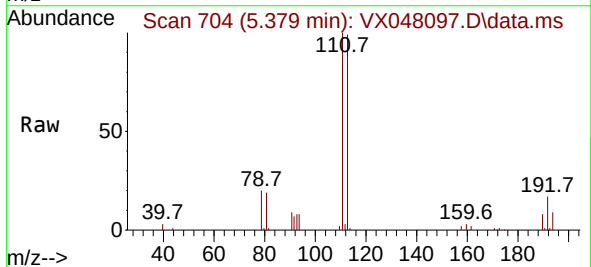
Instrument :
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ClientSampleId :
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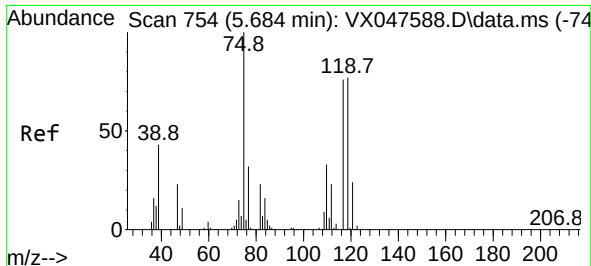
Tgt Ion:114 Resp: 205661
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 54.028 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Tgt Ion:113 Resp: 74520
Ion Ratio Lower Upper
113 100
111 103.6 80.9 121.3
192 17.9 14.2 21.4

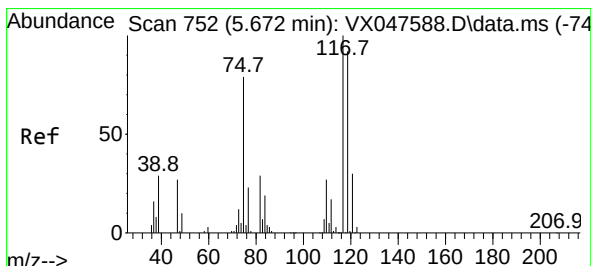
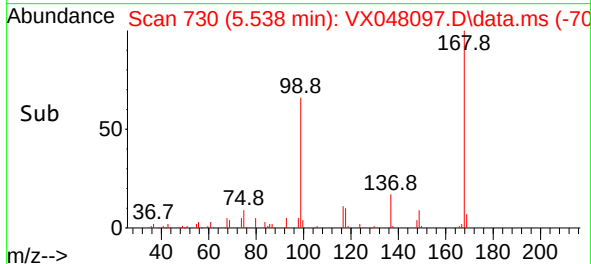
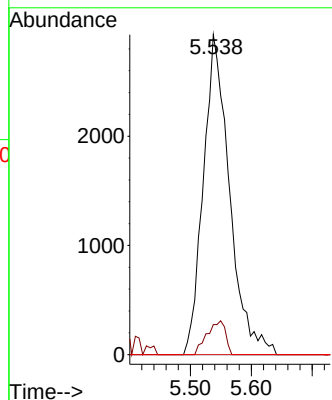
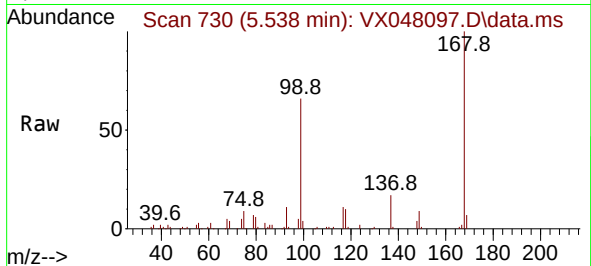




#36
1,1-Dichloropropene
Concen: 4.349 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

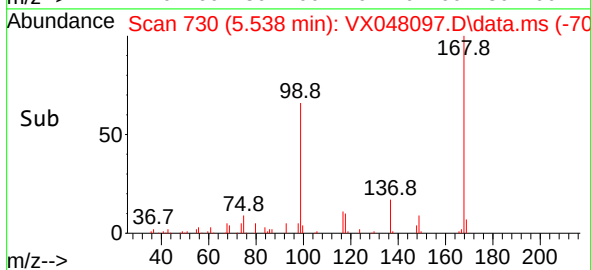
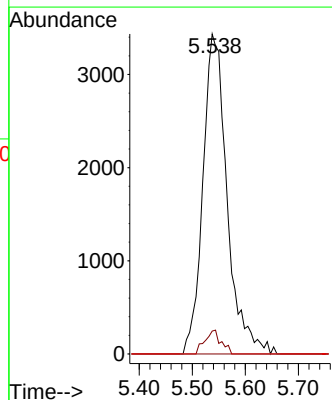
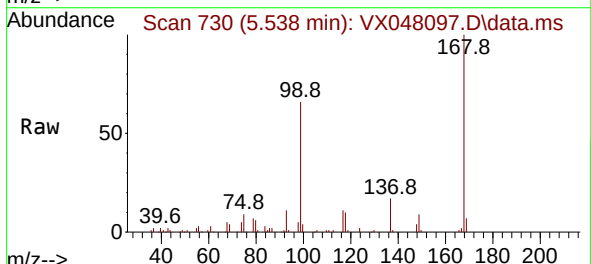
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ClientSampleId :
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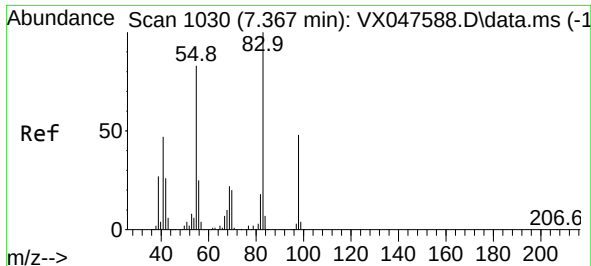
Tgt Ion: 75 Resp: 8765
Ion Ratio Lower Upper
75 100
110 7.5 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.976 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Tgt Ion: 117 Resp: 10897
Ion Ratio Lower Upper
117 100
119 7.2 73.4 110.2#
121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 0.273 ug/l

RT: 7.379 min Scan# 1030

Delta R.T. 0.012 min

Lab File: VX048097.D

Acq: 09 Oct 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

314MEDL

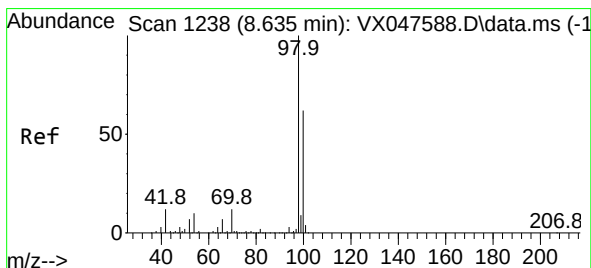
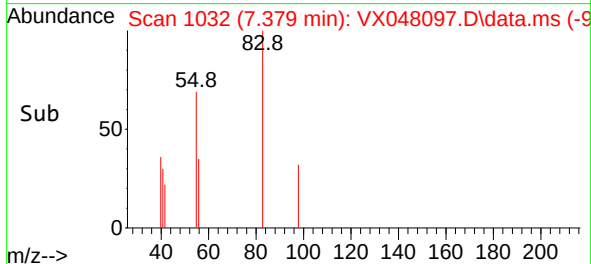
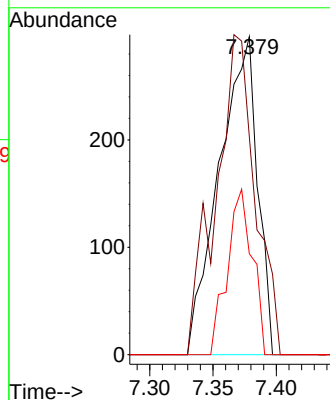
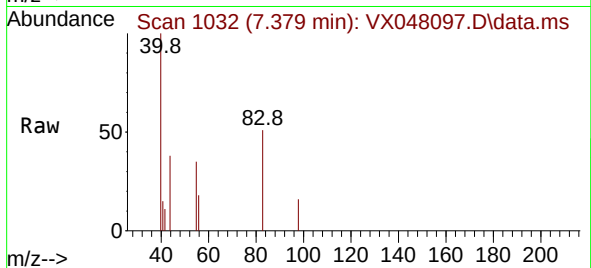
Tgt Ion: 83 Resp: 624

Ion Ratio Lower Upper

83 100

55 68.6 66.4 99.6

98 31.8 38.1 57.1#



#50

Toluene-d8

Concen: 53.913 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048097.D

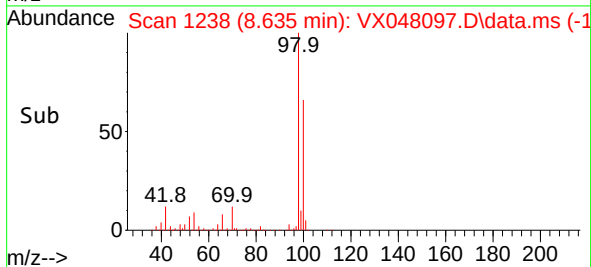
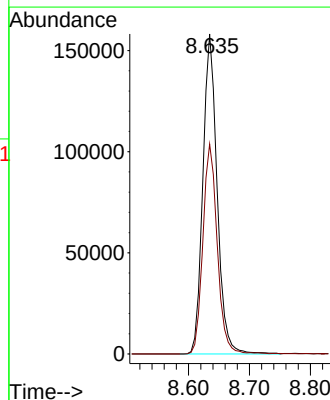
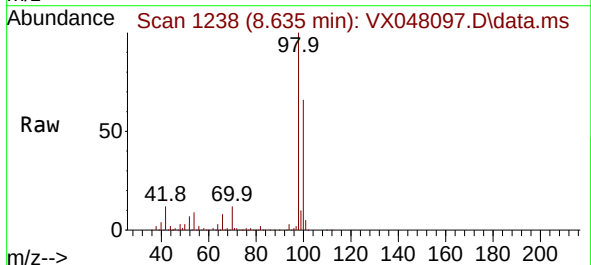
Acq: 09 Oct 2025 18:47

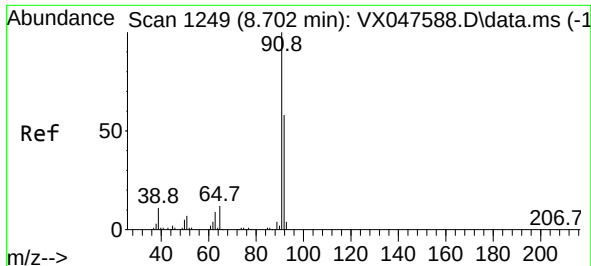
Tgt Ion: 98 Resp: 257302

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4

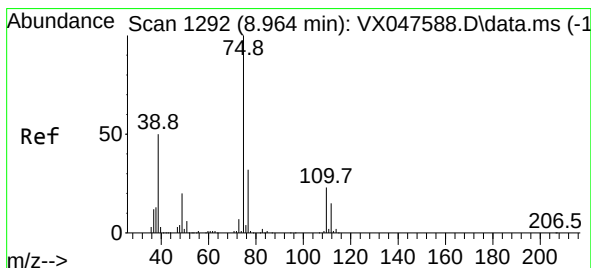
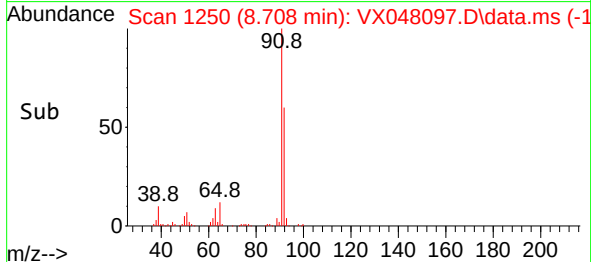
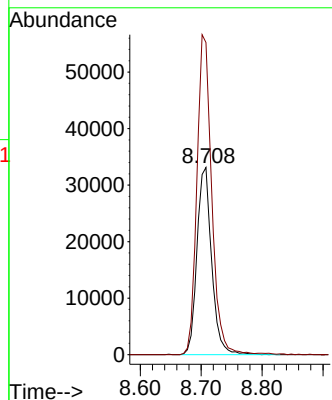
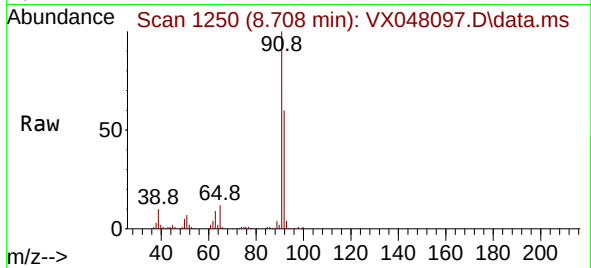




#52
Toluene
Concen: 14.725 ug/l
RT: 8.708 min Scan# 1249
Delta R.T. 0.006 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

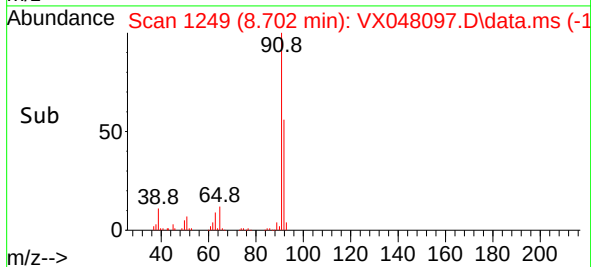
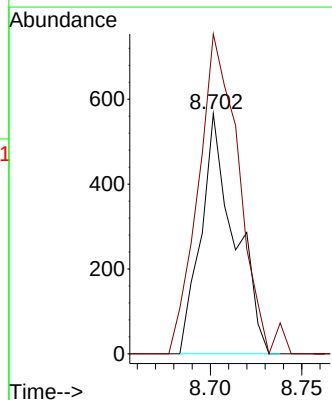
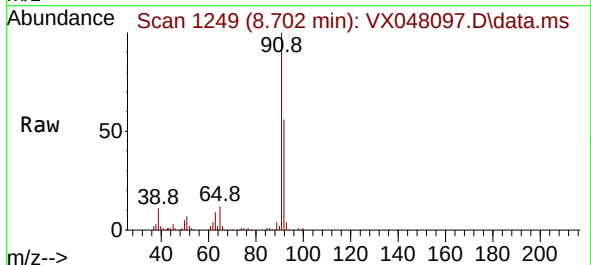
Instrument :
MSVOA_X
ClientSampleId :
314MEDL

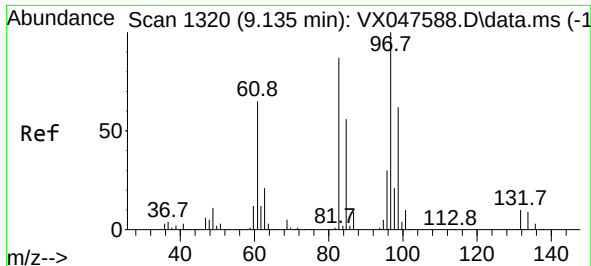
Tgt Ion: 92 Resp: 55534
Ion Ratio Lower Upper
92 100
91 171.3 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 0.300 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.262 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Tgt Ion: 75 Resp: 720
Ion Ratio Lower Upper
75 100
77 120.3 25.4 38.2#

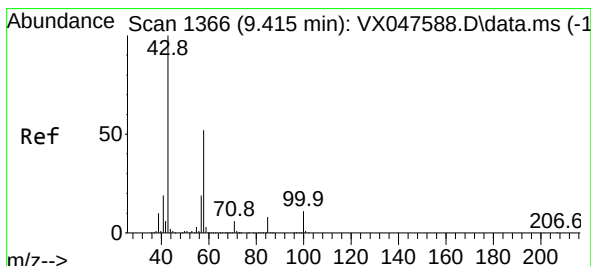
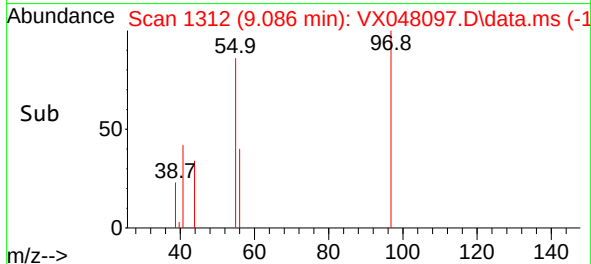
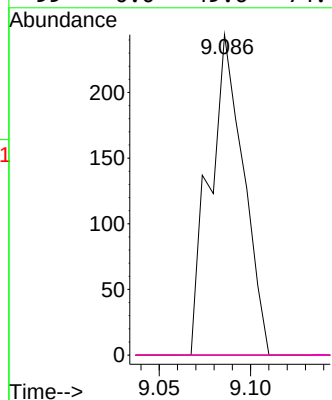
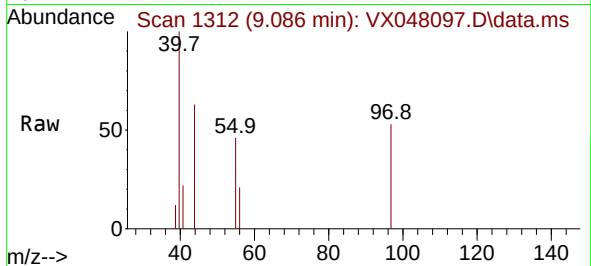




#55
1,1,2-Trichloroethane
Concen: 0.217 ug/l
RT: 9.086 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

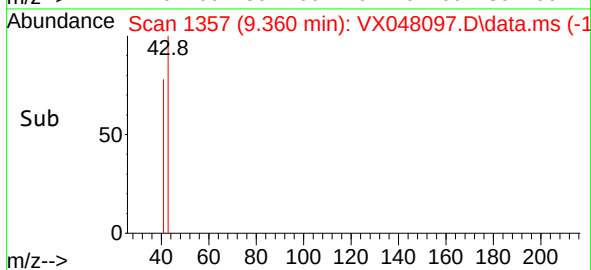
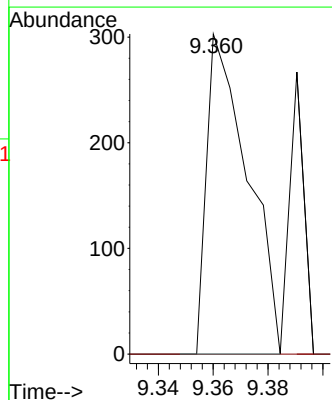
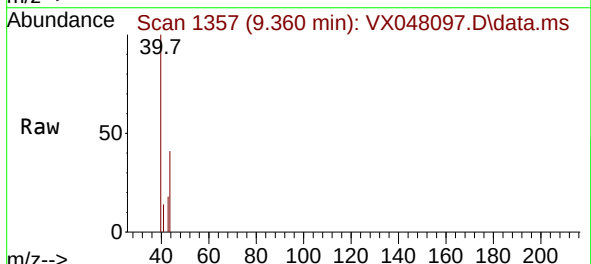
Instrument :
MSVOA_X
ClientSampleId :
314MEDL

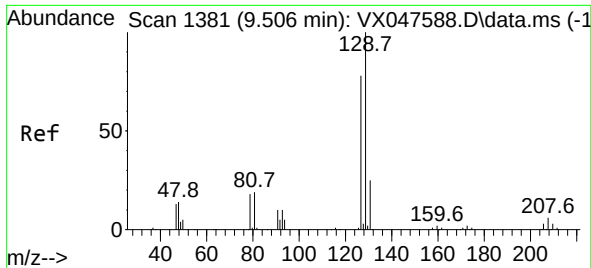
Tgt Ion:	97	Resp:	316
Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.6	104.4#
85	0.0	45.0	67.6#
99	0.0	49.6	74.4#



#59
2-Hexanone
Concen: 0.224 ug/l
RT: 9.360 min Scan# 1357
Delta R.T. -0.055 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Tgt Ion:	43	Resp:	315
Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.1	78.2#

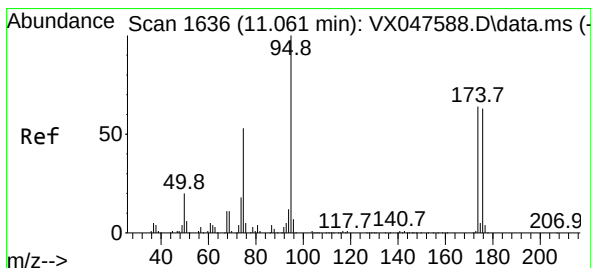
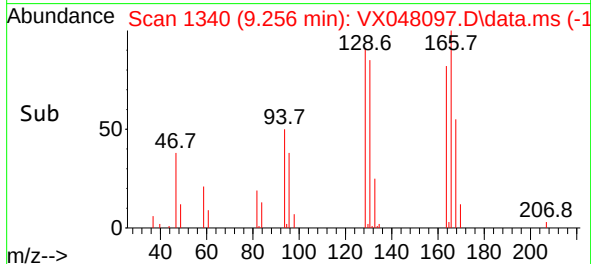
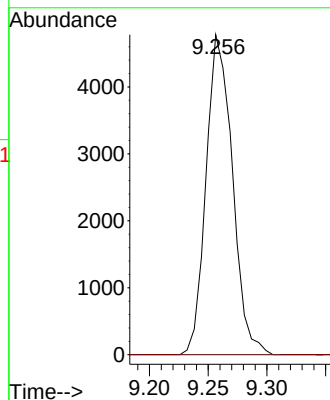
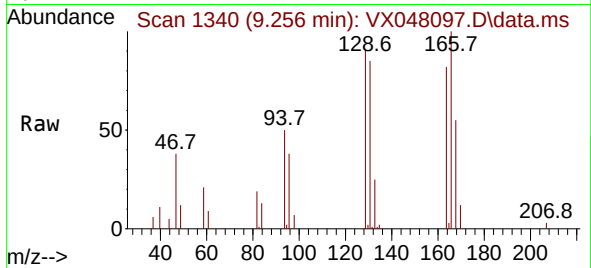




#60
Dibromochloromethane
Concen: 4.450 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

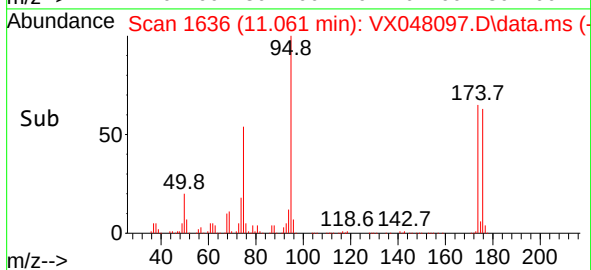
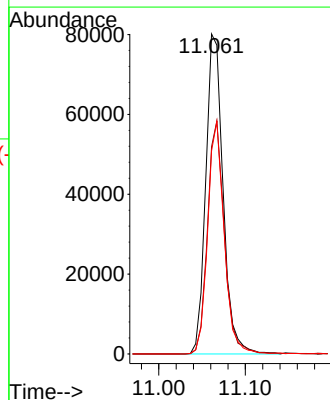
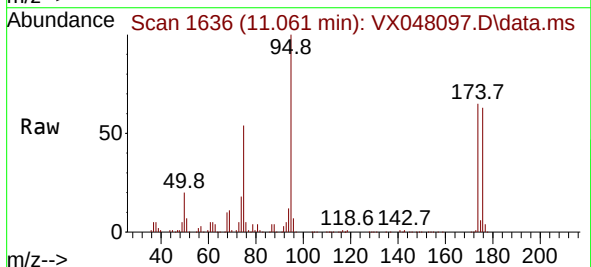
Instrument :
MSVOA_X
ClientSampleId :
314MEDL

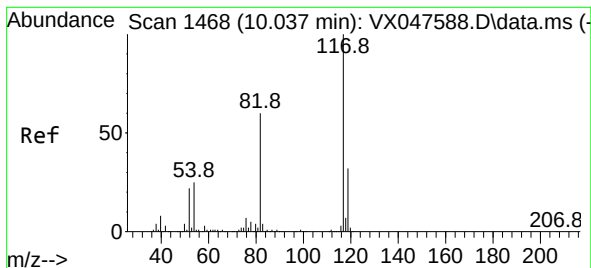
Tgt Ion:129 Resp: 7456
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 61.436 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Tgt Ion: 95 Resp: 111277
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 69.4 0.0 138.4

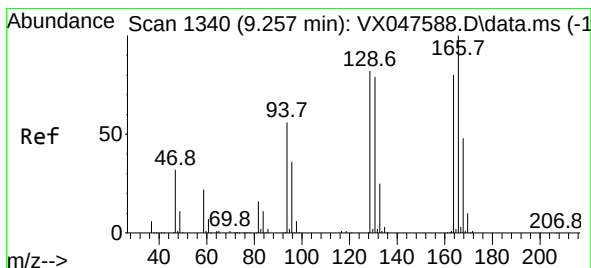
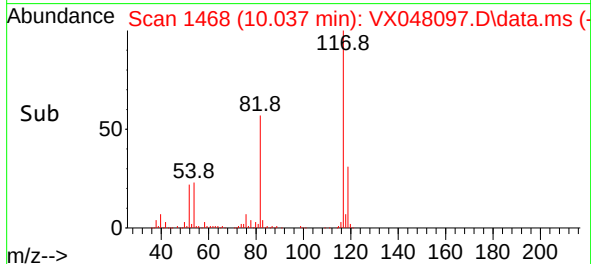
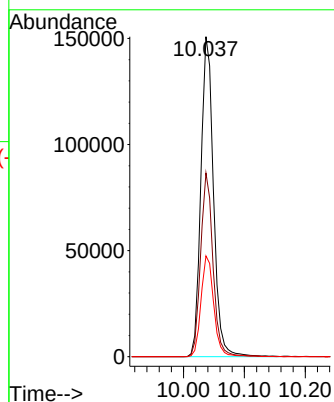
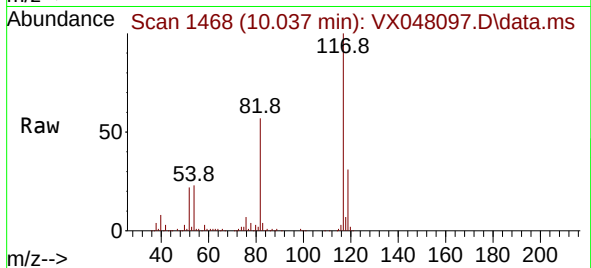




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

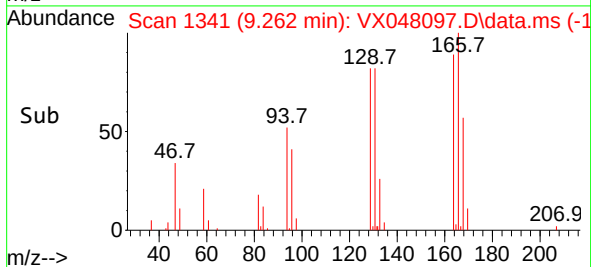
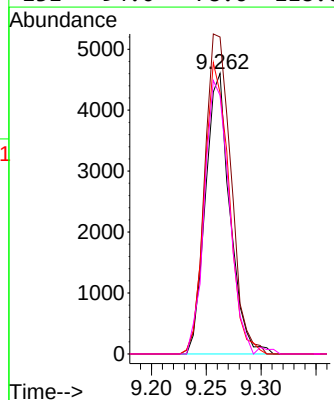
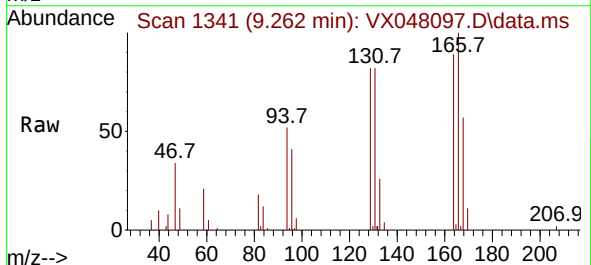
Instrument :
MSVOA_X
ClientSampleId :
314MEDL

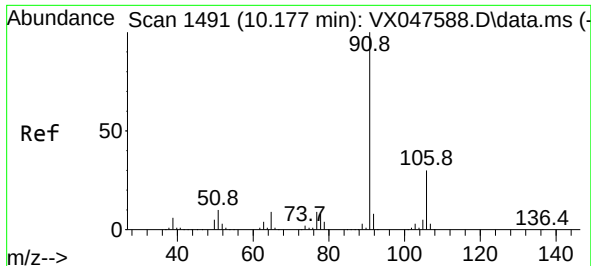
Tgt Ion:117 Resp: 217056
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.6
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 5.037 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Tgt Ion:164 Resp: 7127
Ion Ratio Lower Upper
164 100
166 113.0 100.2 150.2
129 93.1 81.8 122.6
131 94.0 78.6 118.0





#67

Ethyl Benzene

Concen: 2.534 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048097.D

Acq: 09 Oct 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

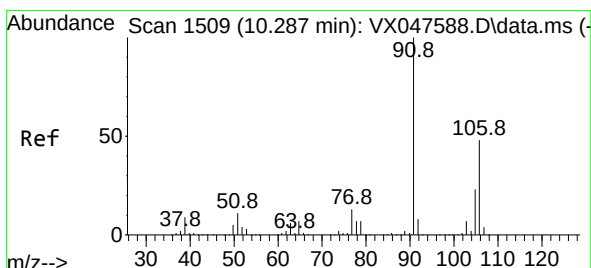
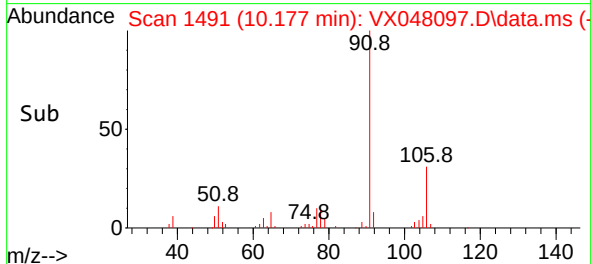
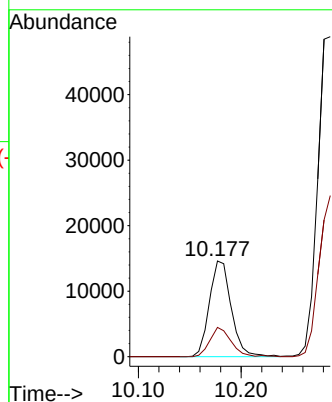
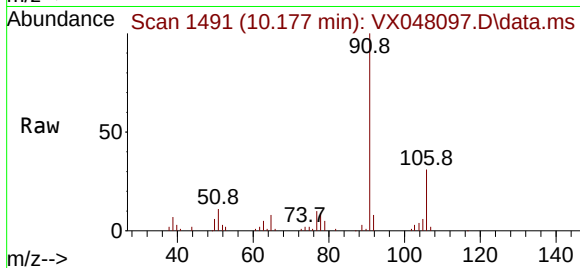
314MEDL

Tgt Ion: 91 Resp: 21563

Ion Ratio Lower Upper

91 100

106 30.7 24.3 36.5



#68

m/p-Xylenes

Concen: 10.780 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048097.D

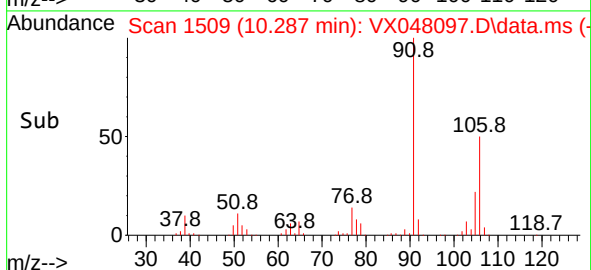
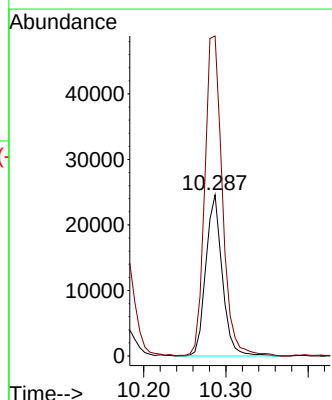
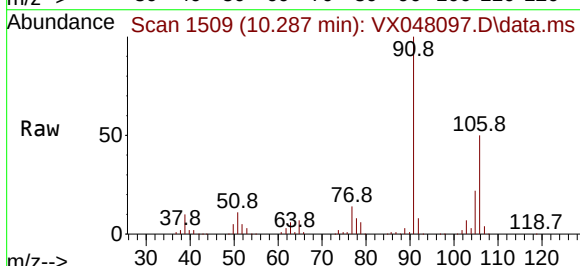
Acq: 09 Oct 2025 18:47

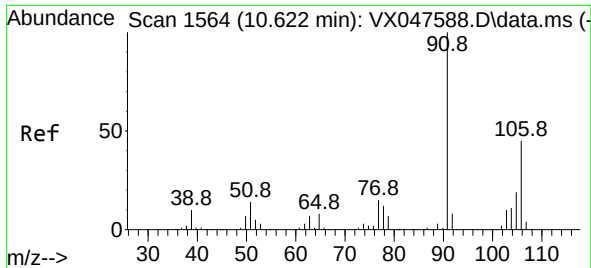
Tgt Ion:106 Resp: 34138

Ion Ratio Lower Upper

106 100

91 212.8 167.8 251.8

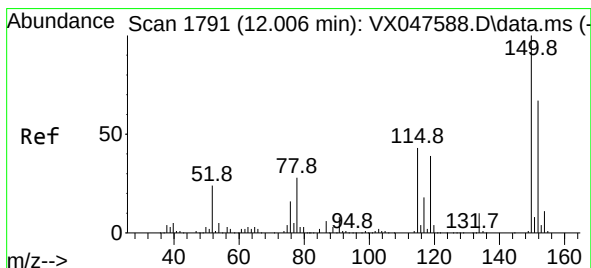
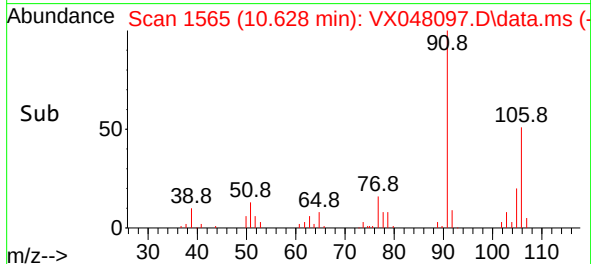
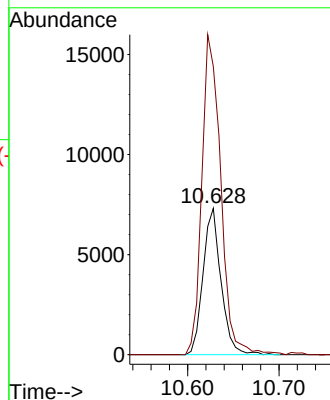
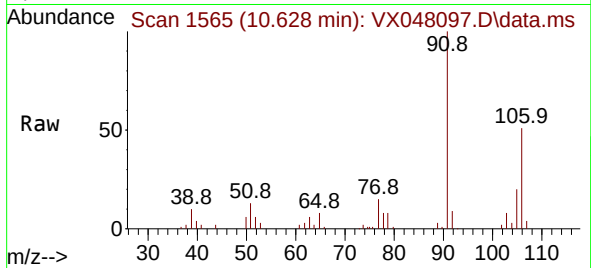




#69
o-Xylene
Concen: 3.263 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

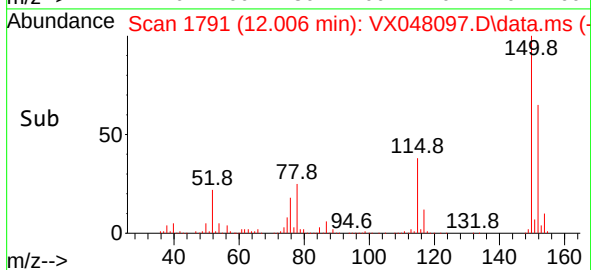
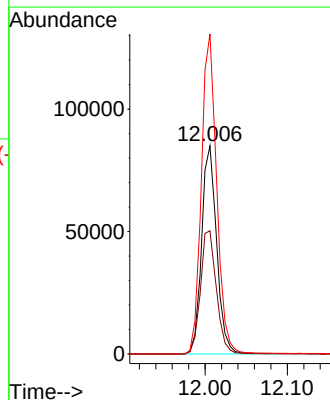
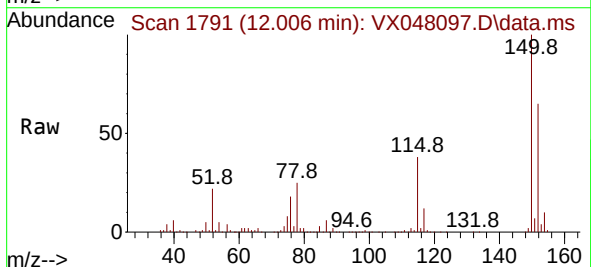
Instrument :
MSVOA_X
ClientSampleId :
314MEDL

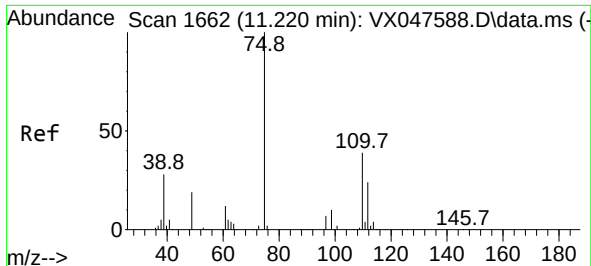
Tgt Ion:106 Resp: 9994
Ion Ratio Lower Upper
106 100
91 229.1 111.1 333.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Tgt Ion:152 Resp: 108316
Ion Ratio Lower Upper
152 100
115 62.4 44.9 134.5
150 155.9 0.0 352.0

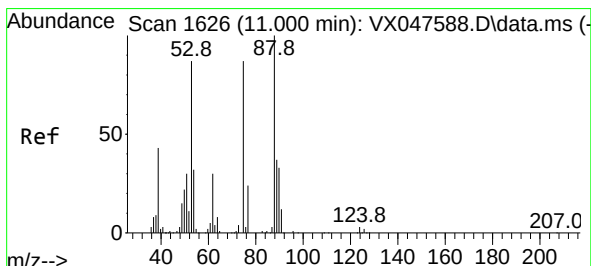
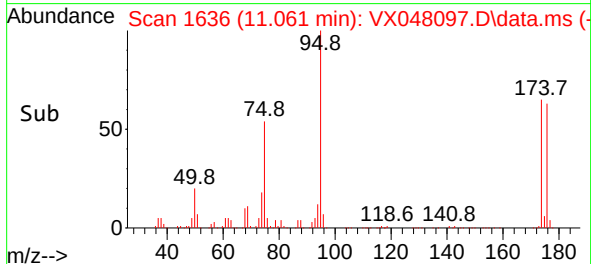
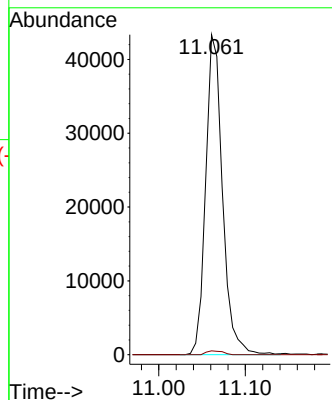
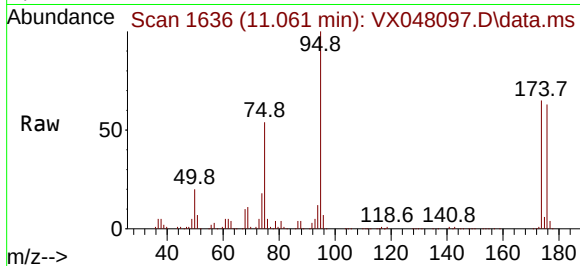




#76
1,2,3-Trichloropropane
Concen: 26.687 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Instrument :
MSVOA_X
ClientSampleId :
314MEDL

Tgt Ion: 75 Resp: 58526
Ion Ratio Lower Upper
75 100
77 1.2 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.055 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048097.D
Acq: 09 Oct 2025 18:47

Tgt Ion: 75 Resp: 58526
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

