

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047407.D
 Acq On : 19 Aug 2025 13:20
 Operator : JC/MD
 Sample : Q2815-16RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-17M-SRE

Quant Time: Aug 20 01:25:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

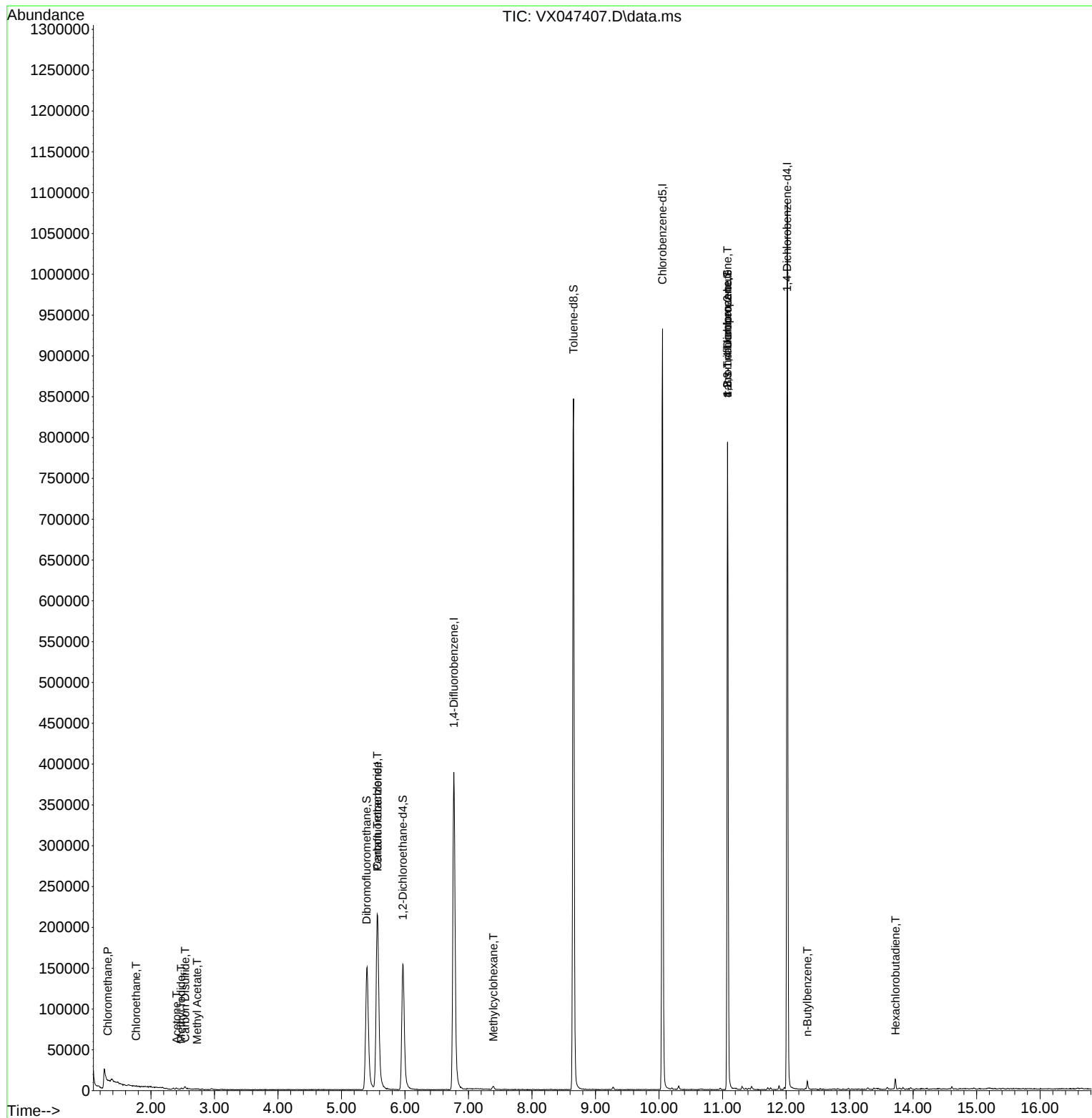
Internal Standards						
1) Pentafluorobenzene	5.568	168	215007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	423090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	213885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	163703	54.403	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.800%	
35) Dibromofluoromethane	5.397	113	142384	51.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.700%	
50) Toluene-d8	8.653	98	520126	52.995	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	11.079	95	213718	59.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	495	0.201	ug/l #	41
6) Chloroethane	1.764	64	980	0.518	ug/l #	60
10) Methyl Iodide	2.477	142	3074	0.676	ug/l #	92
16) Acetone	2.404	43	2300	2.033	ug/l	94
17) Carbon Disulfide	2.538	76	3685	0.451	ug/l #	92
18) Methyl Acetate	2.727	43	1099	0.375	ug/l #	57
38) Carbon Tetrachloride	5.562	117	23713	5.006	ug/l #	15
39) Methylcyclohexane	7.391	83	1636	0.303	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	111014	28.299	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	111014	111.526	ug/l #	7
89) n-Butylbenzene	12.335	91	4516	0.337	ug/l	92
94) Hexachlorobutadiene	13.725	225	1556	0.880	ug/l	89

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

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Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

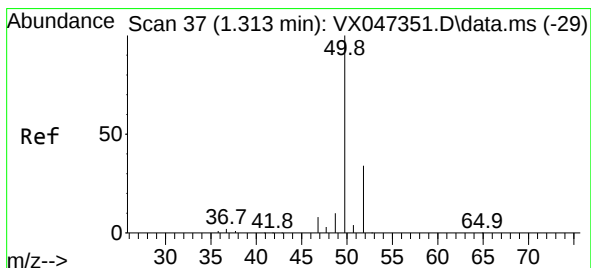
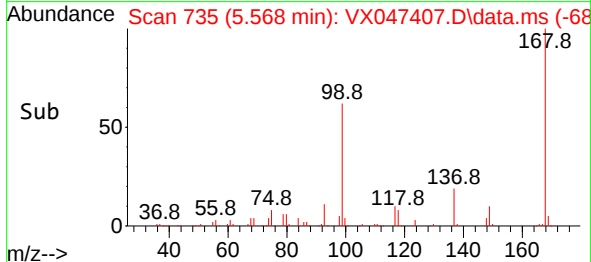
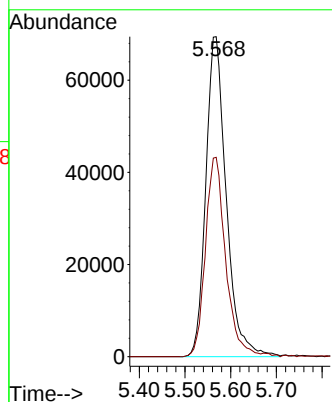
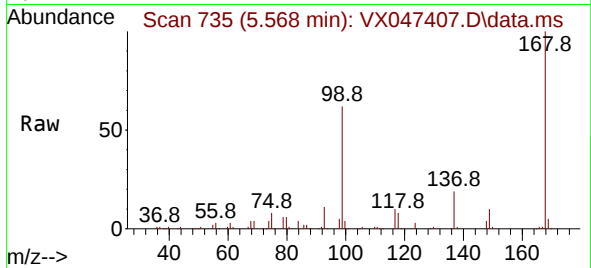




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

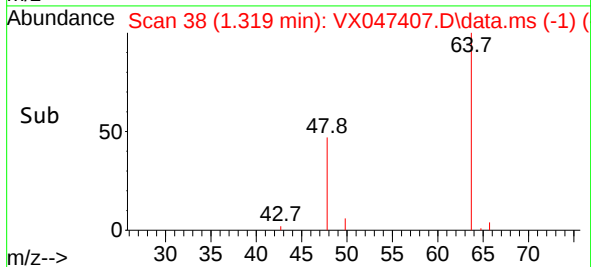
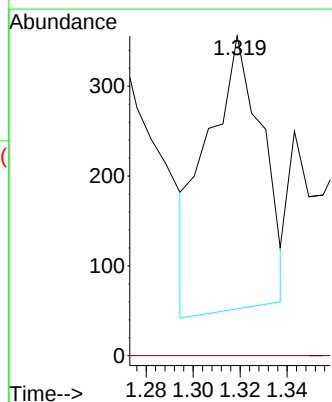
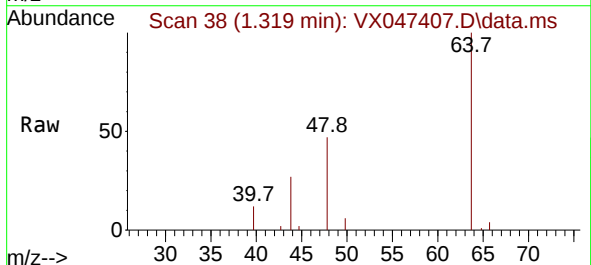
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-SRE

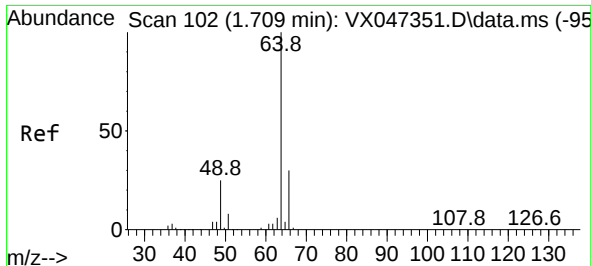
Tgt Ion:168 Resp: 215007
Ion Ratio Lower Upper
168 100
99 62.3 47.9 71.9



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion: 50 Resp: 495
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.4#

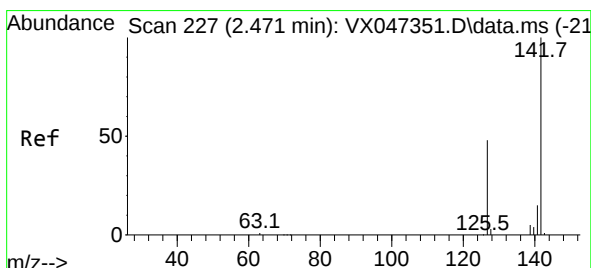
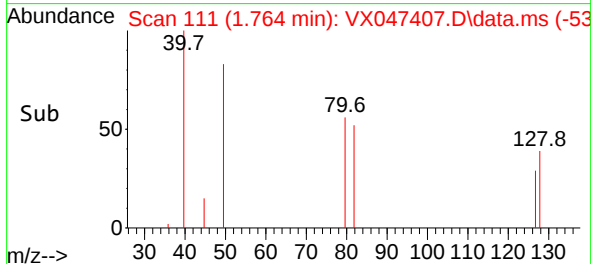
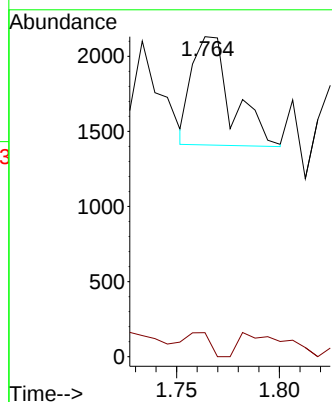
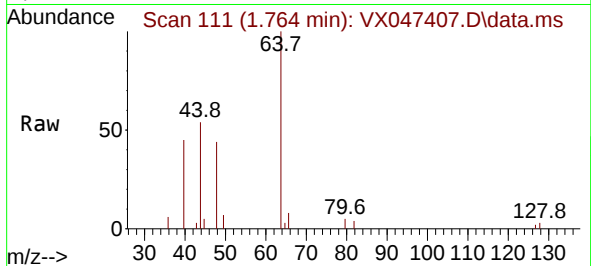




#6
Chloroethane
Concen: 0.518 ug/l
RT: 1.764 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

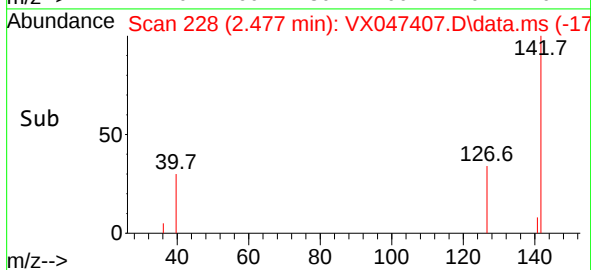
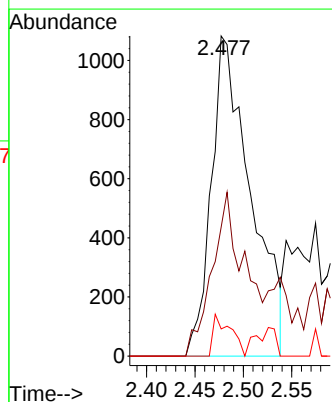
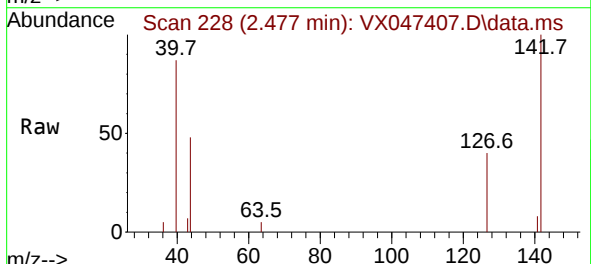
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-SRE

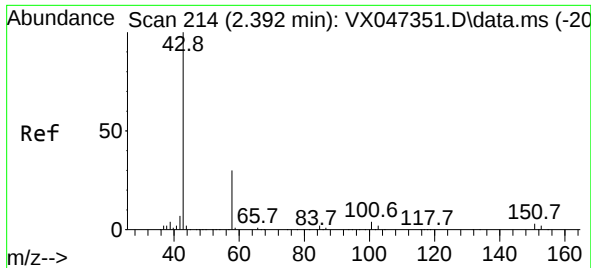
Tgt Ion: 64 Resp: 980
Ion Ratio Lower Upper
64 100
66 8.8 24.4 36.6#



#10
Methyl Iodide
Concen: 0.676 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion: 142 Resp: 3074
Ion Ratio Lower Upper
142 100
127 42.7 36.1 54.1
141 5.7 11.1 16.7#





#16

Acetone

Concen: 2.033 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.012 min

Lab File: VX047407.D

Acq: 19 Aug 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

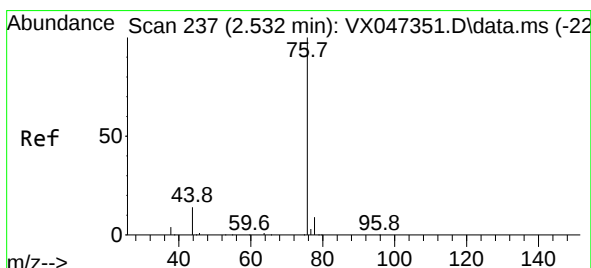
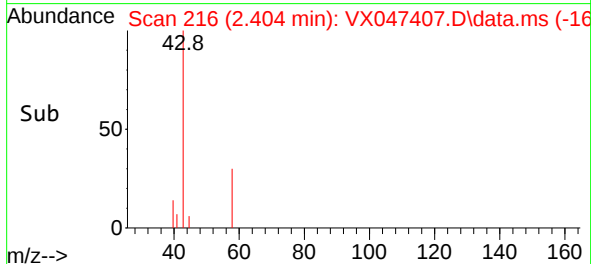
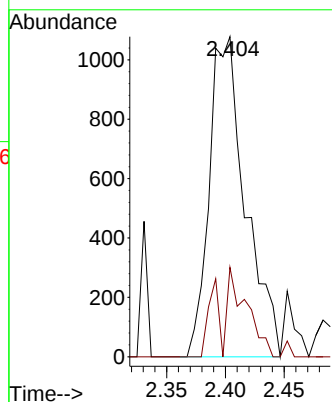
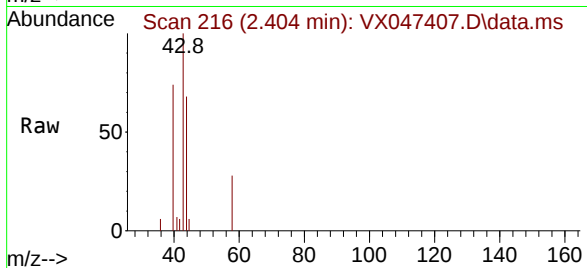
TW-17M-SRE

Tgt Ion: 43 Resp: 2300

Ion Ratio Lower Upper

43 100

58 27.9 24.8 37.2



#17

Carbon Disulfide

Concen: 0.451 ug/l

RT: 2.538 min Scan# 238

Delta R.T. 0.006 min

Lab File: VX047407.D

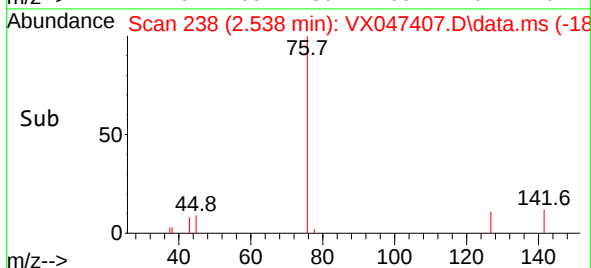
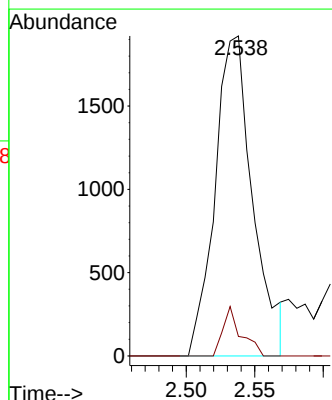
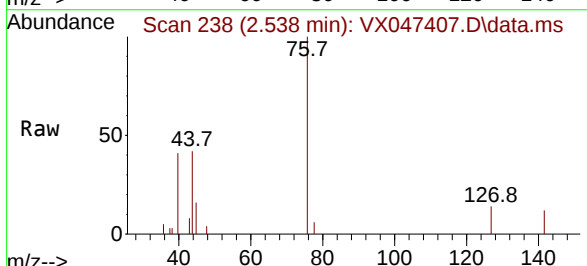
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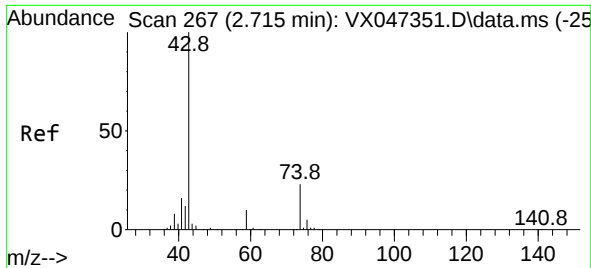
Tgt Ion: 76 Resp: 3685

Ion Ratio Lower Upper

76 100

78 6.1 7.2 10.8#

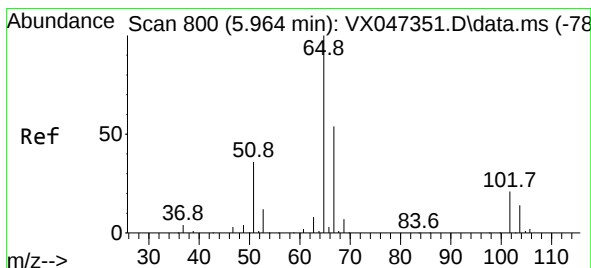
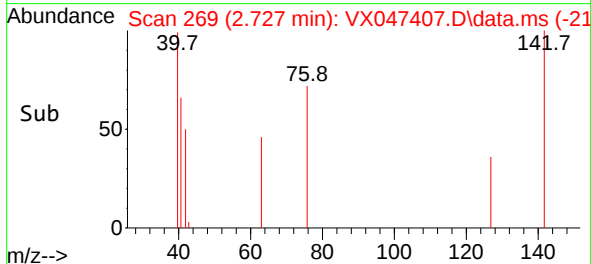
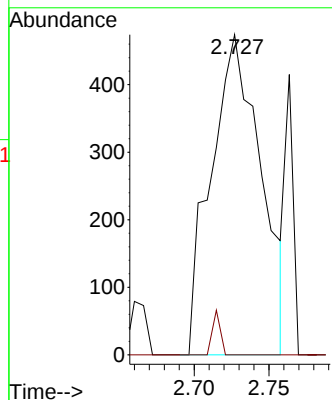
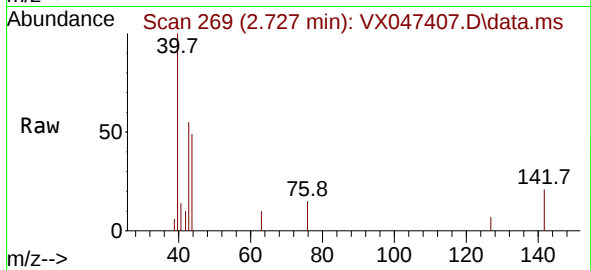




#18
Methyl Acetate
Concen: 0.375 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

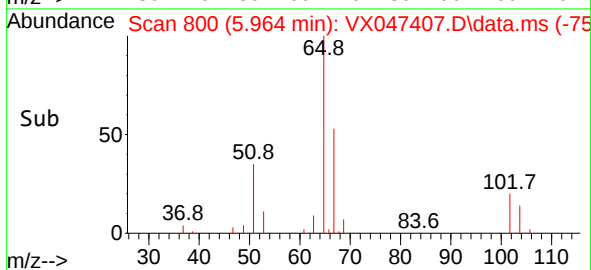
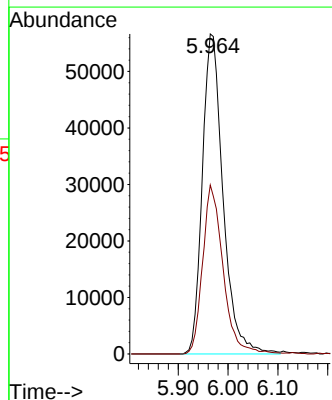
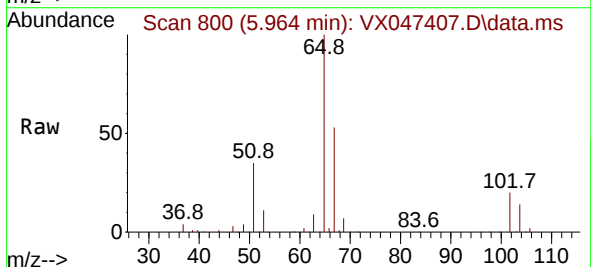
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-SRE

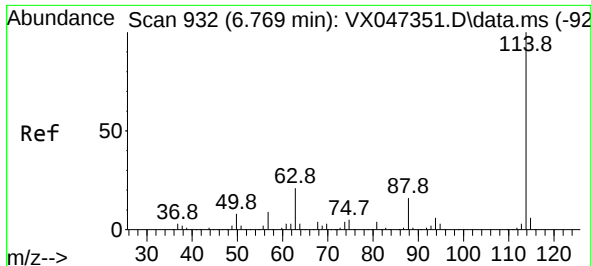
Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
74 2.2 18.4 27.6#



#33
1,2-Dichloroethane-d4
Concen: 54.403 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion: 65 Resp: 163703
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

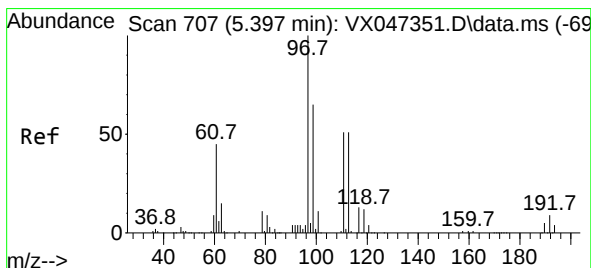
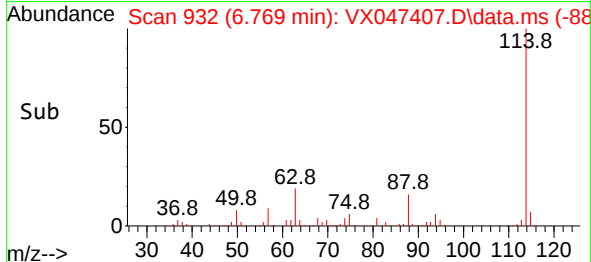
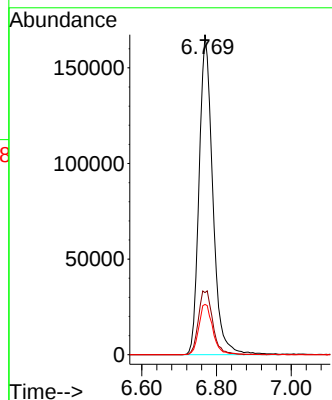
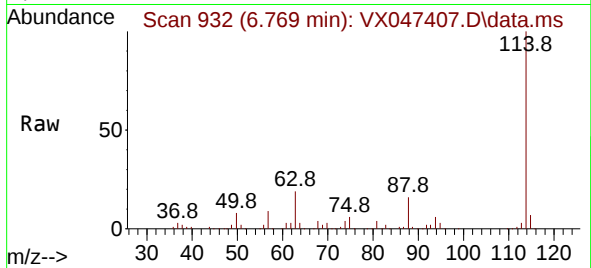




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

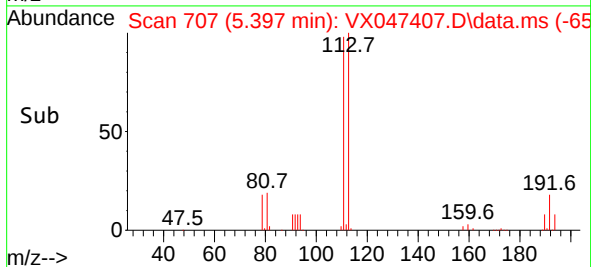
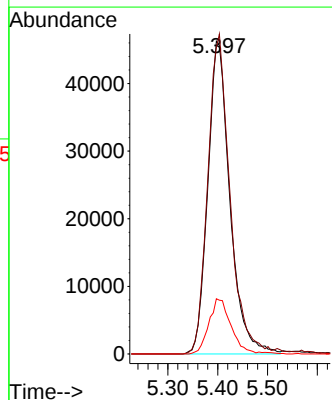
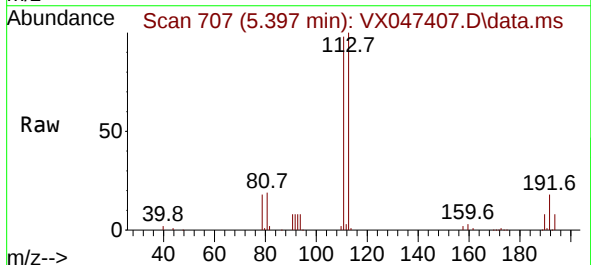
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-SRE

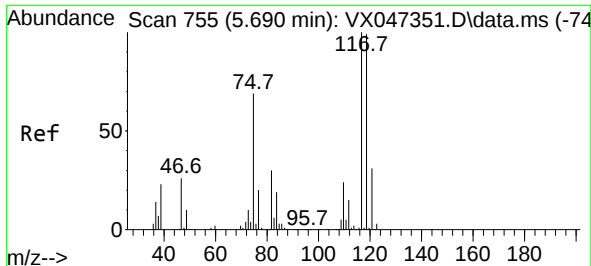
Tgt Ion:114 Resp: 423090
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.853 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion:113 Resp: 142384
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 17.9 14.1 21.1

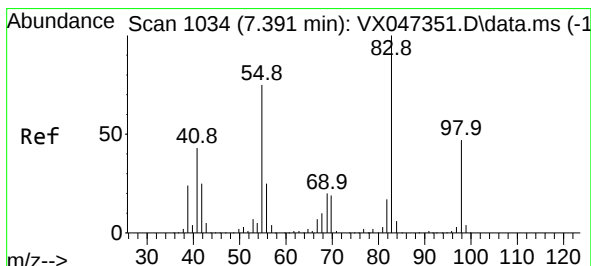
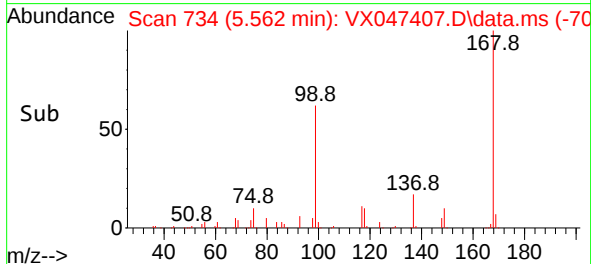
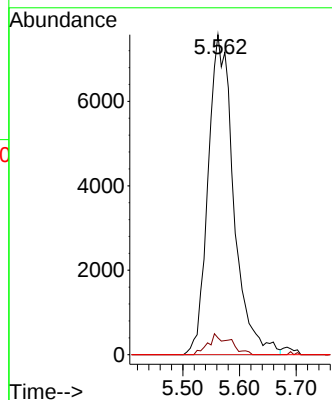
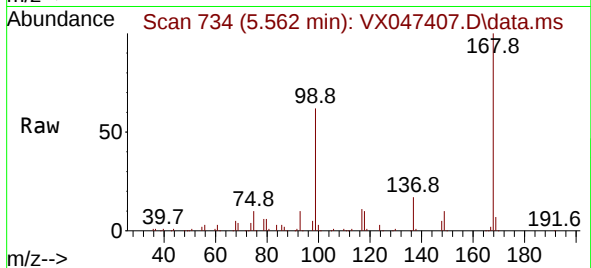




#38
Carbon Tetrachloride
Concen: 5.006 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

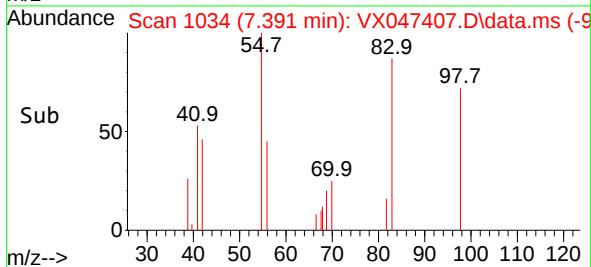
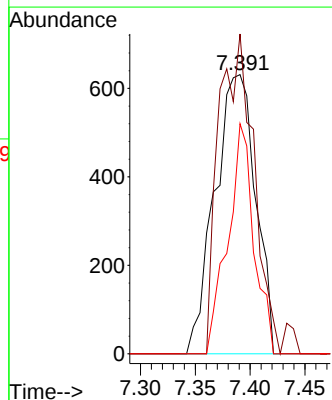
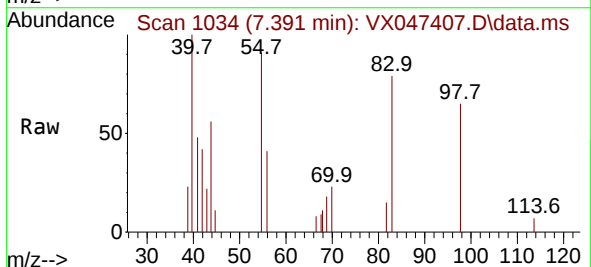
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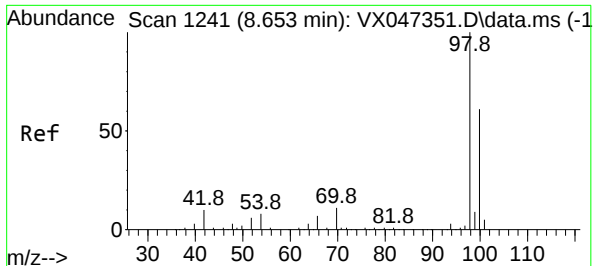
Tgt Ion:117 Resp: 23713
Ion Ratio Lower Upper
117 100
119 5.3 78.5 117.7#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 0.303 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion: 83 Resp: 1636
Ion Ratio Lower Upper
83 100
55 114.6 60.0 90.0#
98 82.4 37.2 55.8#

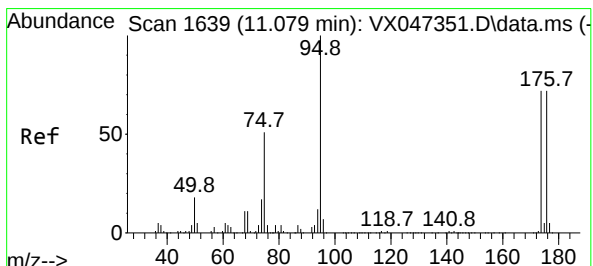
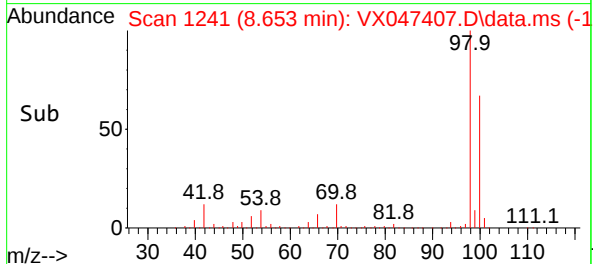
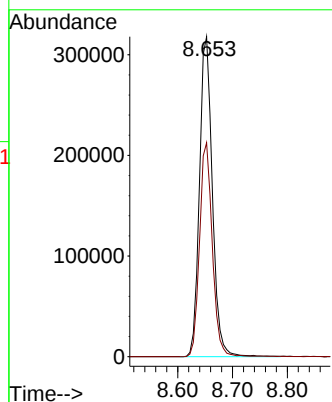
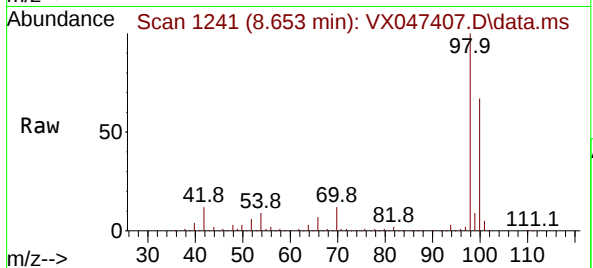




#50
Toluene-d8
Concen: 52.995 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

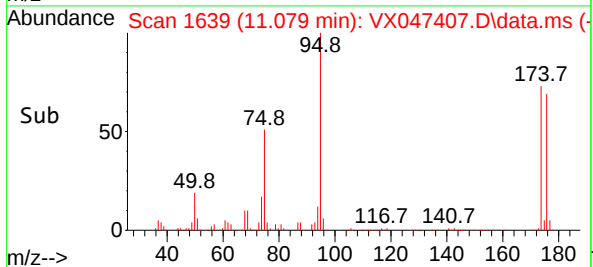
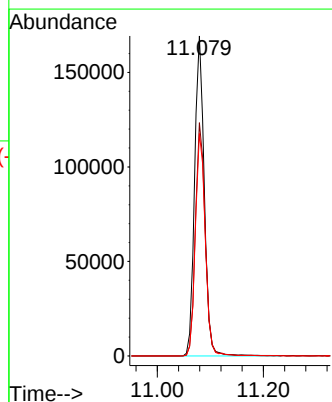
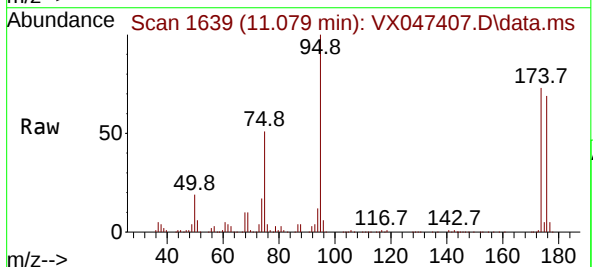
Instrument :
MSVOA_X
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TW-17M-SRE

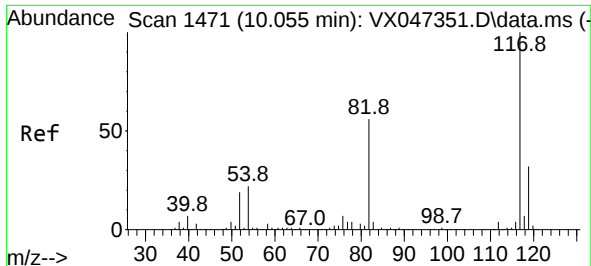
Tgt Ion: 98 Resp: 520126
Ion Ratio Lower Upper
98 100
100 66.3 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 59.009 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion: 95 Resp: 213718
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.0
176 71.1 0.0 145.4

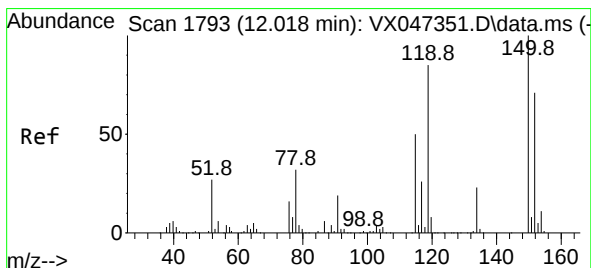
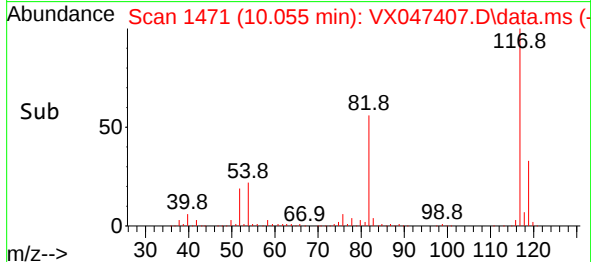
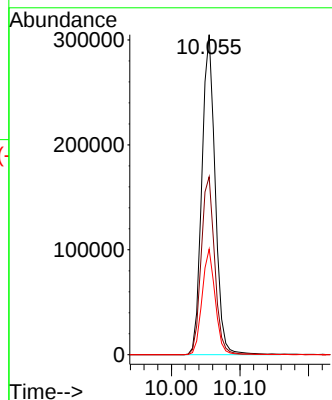
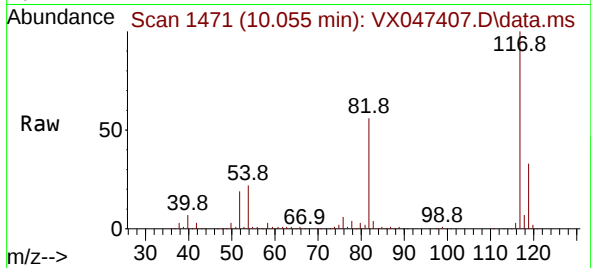




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

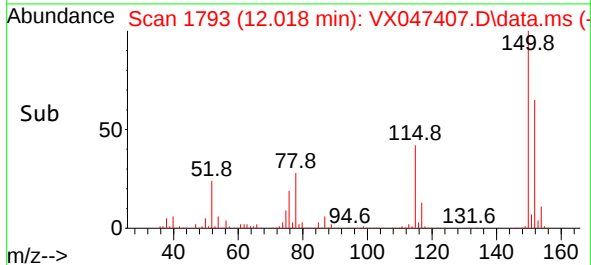
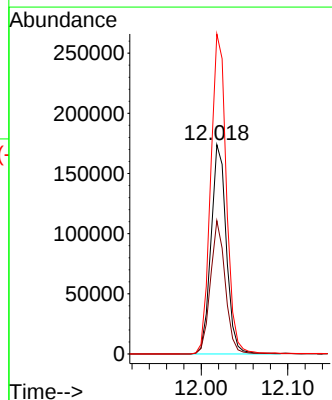
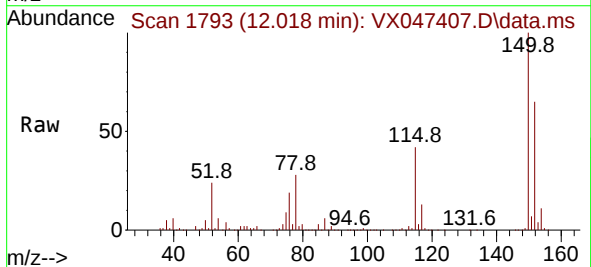
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-SRE

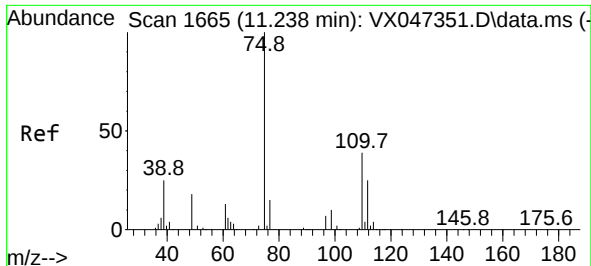
Tgt Ion:117 Resp: 413847
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion:152 Resp: 213885
Ion Ratio Lower Upper
152 100
115 61.9 44.6 133.8
150 156.8 0.0 349.8

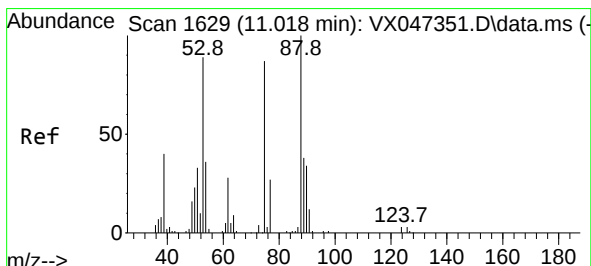
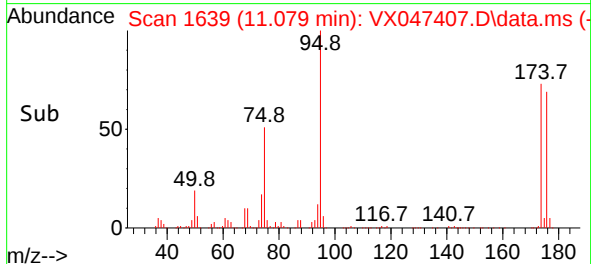
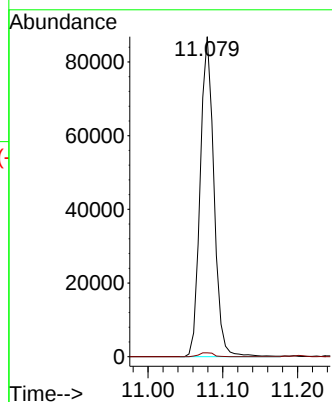
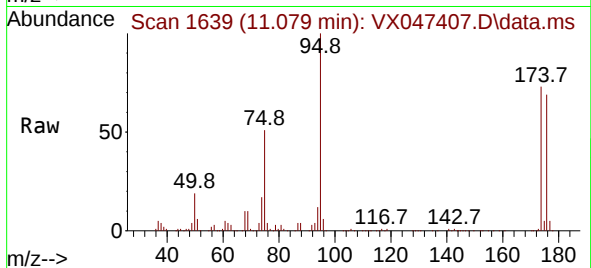




#76
1,2,3-Trichloropropane
Concen: 28.299 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

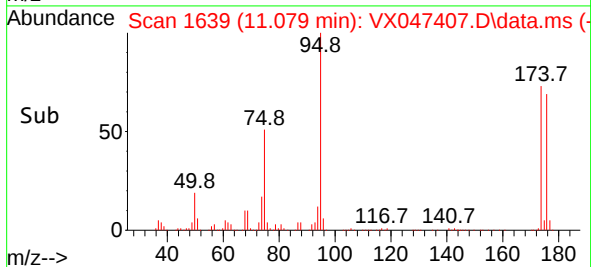
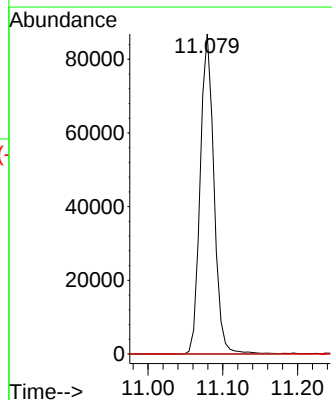
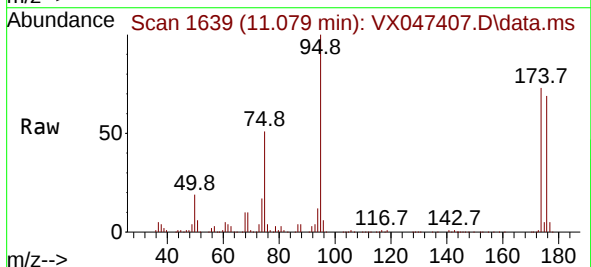
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-SRE

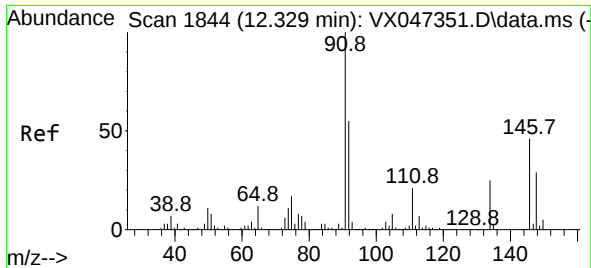
Tgt Ion: 75 Resp: 111014
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion: 75 Resp: 111014
Ion Ratio Lower Upper
75 100
53 0.0 85.2 127.8#
89 0.0 36.7 55.1#

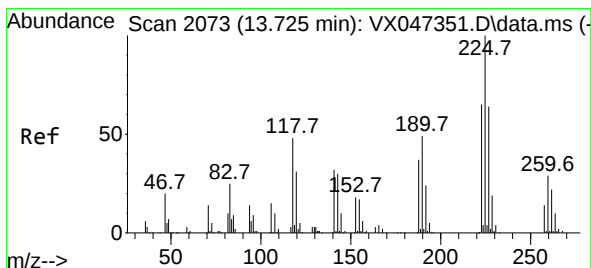
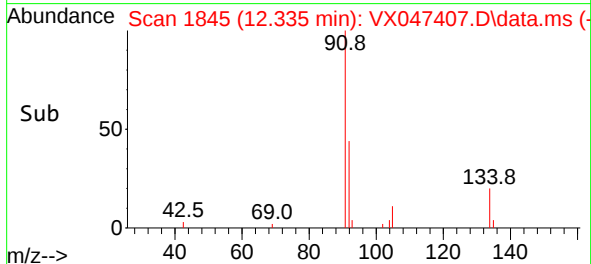
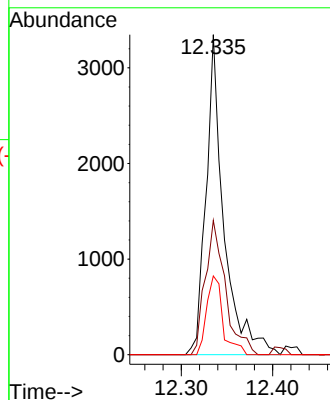
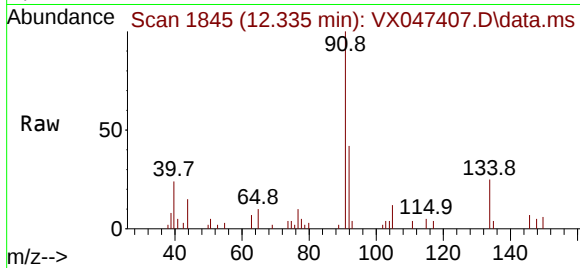




#89
n-Butylbenzene
Concen: 0.337 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
TW-17M-SRE

Tgt Ion: 91	Resp:	4516
Ion Ratio	Lower	Upper
91	100	
92	47.7	27.2 81.5
134	22.4	12.6 37.8



#94
Hexachlorobutadiene
Concen: 0.880 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion: 225	Resp:	1556
Ion Ratio	Lower	Upper
225	100	
223	61.4	32.2 96.6
227	78.3	31.6 95.0

