

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046444.D
 Acq On : 02 Jun 2025 14:47
 Operator : JC/MD
 Sample : Q2177-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05312025

Quant Time: Jun 03 01:30:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	60024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62292	55.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.340%
35) Dibromofluoromethane	5.379	113	45512	51.664	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.320%
50) Toluene-d8	8.647	98	152857	50.134	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.260%
62) 4-Bromofluorobenzene	11.079	95	60133	51.416	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.840%

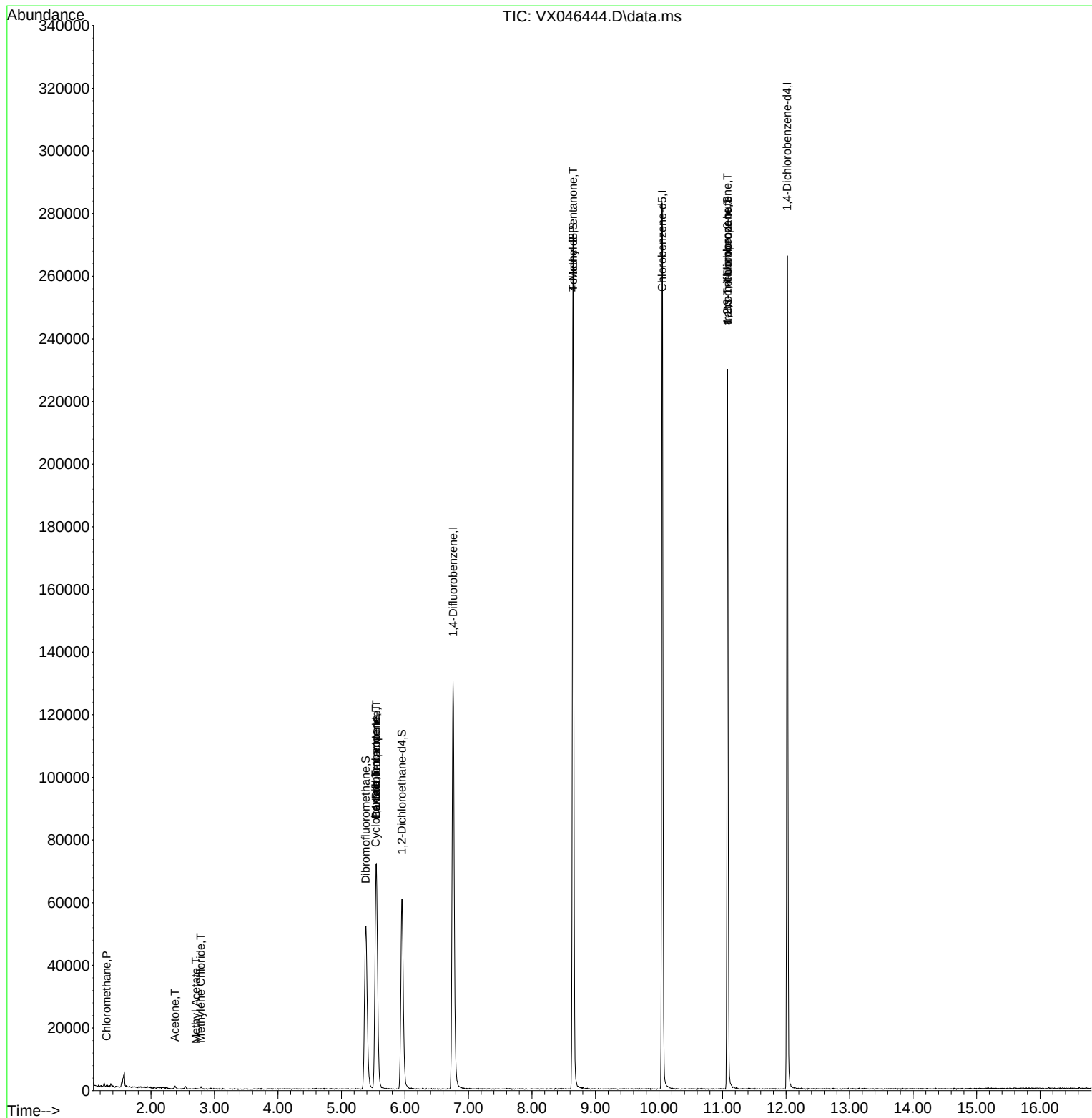
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	640	0.718	ug/l	98
16) Acetone	2.380	43	915	2.039	ug/l #	73
18) Methyl Acetate	2.709	43	222	0.213	ug/l #	55
20) Methylene Chloride	2.782	84	266	0.309	ug/l #	83
31) Cyclohexane	5.538	56	1658	1.243	ug/l #	36
36) 1,1-Dichloropropene	5.544	75	6248	5.279	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7136	5.366	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	878	0.593	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34397	29.031	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34397	94.515	ug/l #	1

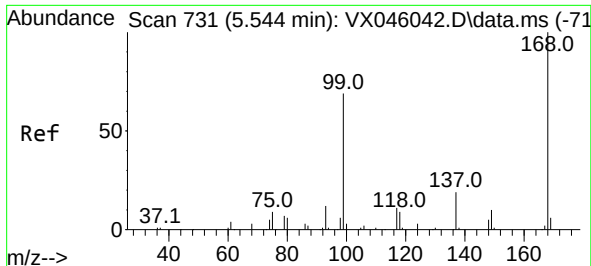
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





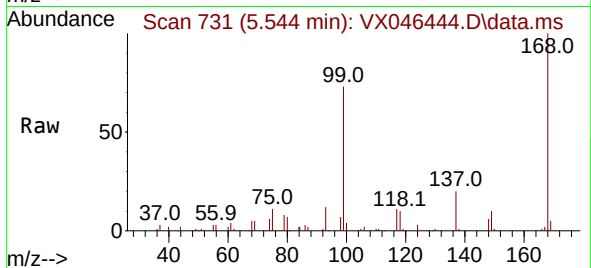
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Instrument :

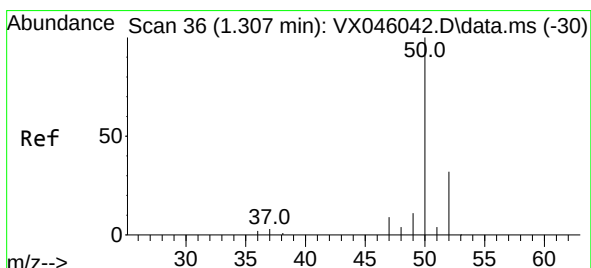
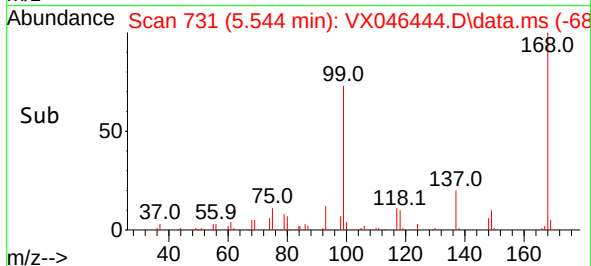
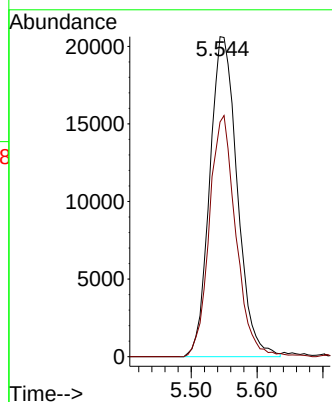
MSVOA_X

ClientSampleId :

TB05312025

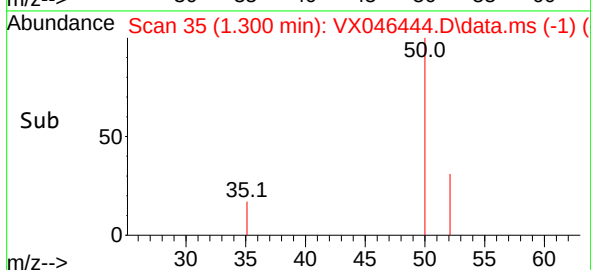
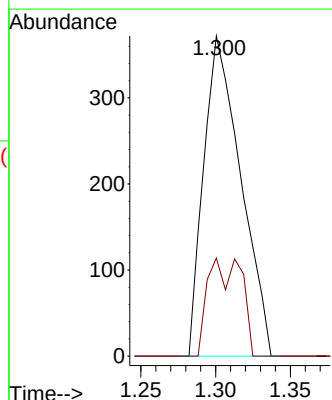
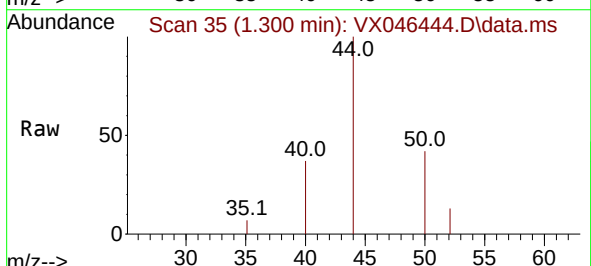


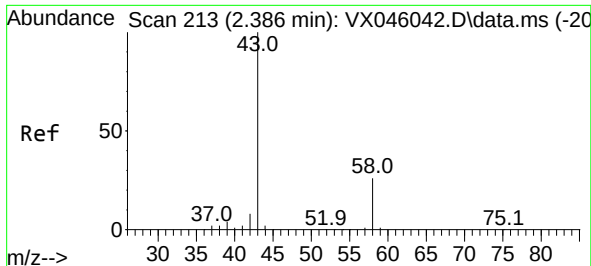
Tgt Ion:168 Resp: 60024
Ion Ratio Lower Upper
168 100
99 73.3 54.9 82.3



#3
Chloromethane
Concen: 0.718 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Tgt Ion: 50 Resp: 640
Ion Ratio Lower Upper
50 100
52 30.6 25.4 38.2

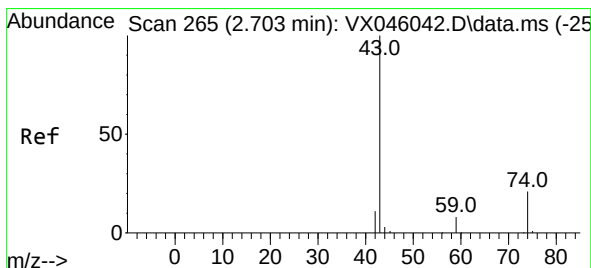
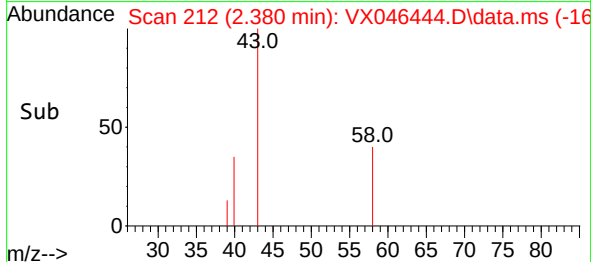
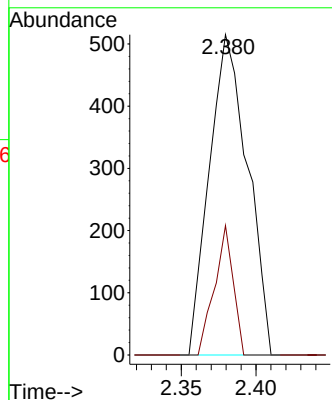
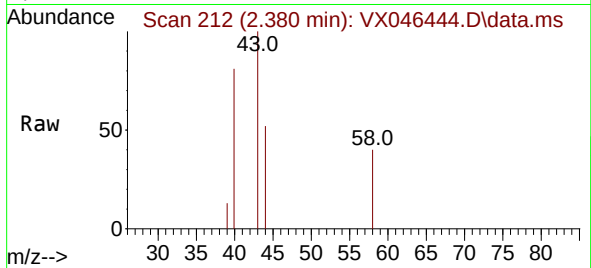




#16
Acetone
Concen: 2.039 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

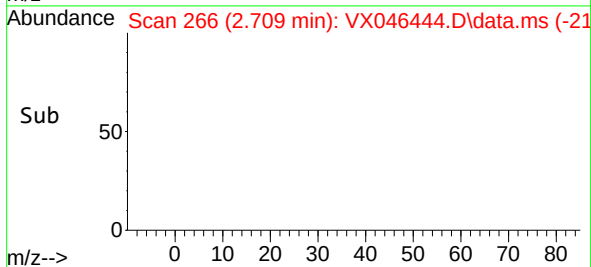
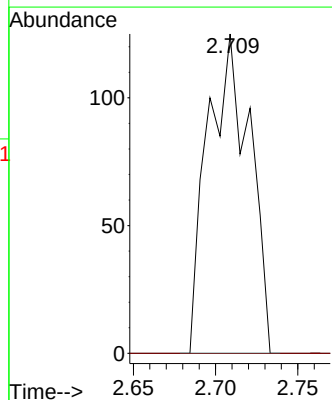
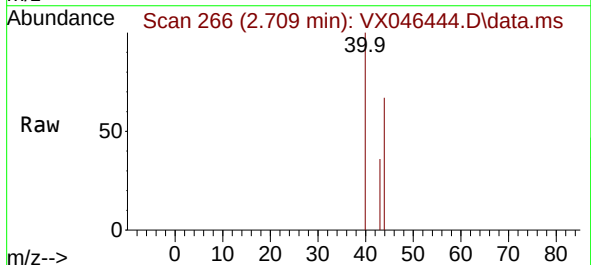
Instrument :
MSVOA_X
ClientSampleId :
TB05312025

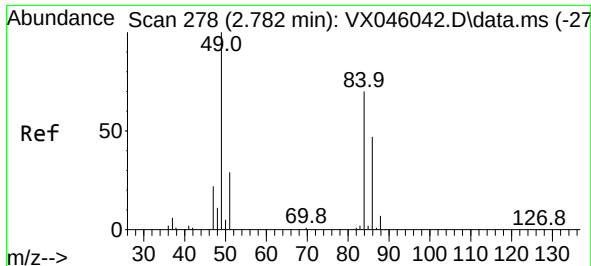
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 40.4 21.2 31.8#



#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

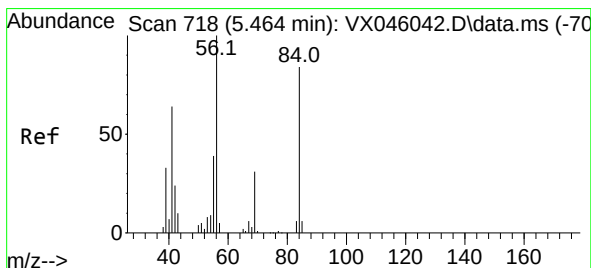
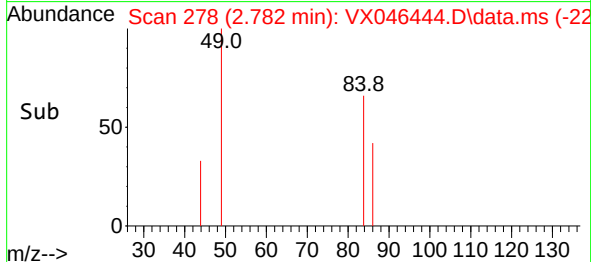
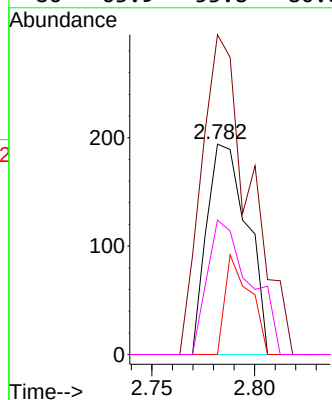
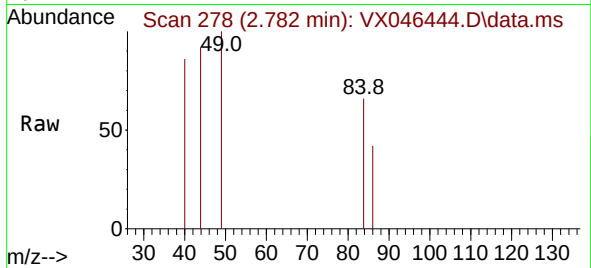




#20
Methylene Chloride
Concen: 0.309 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

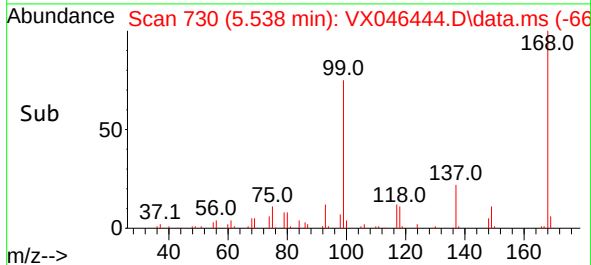
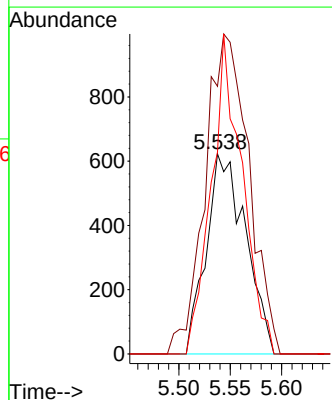
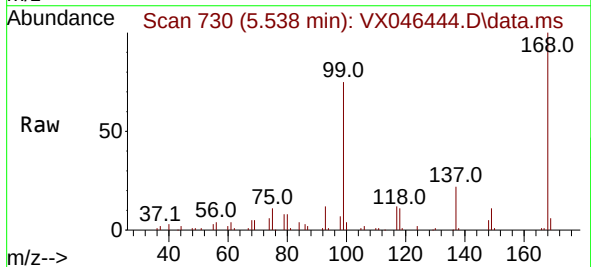
Instrument :
MSVOA_X
ClientSampleId :
TB05312025

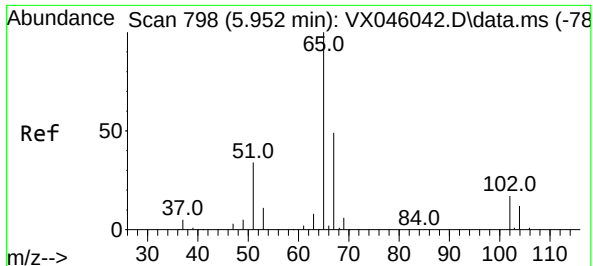
Tgt Ion:	84	Resp:	266
Ion	Ratio	Lower	Upper
84	100		
49	152.1	113.9	170.9
51	0.0	33.5	50.3#
86	63.9	53.8	80.8



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Tgt Ion:	56	Resp:	1658
Ion	Ratio	Lower	Upper
56	100		
69	133.7	24.4	36.6#
84	100.8	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.666 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046444.D

Acq: 02 Jun 2025 14:47

Instrument :

MSVOA_X

ClientSampleId :

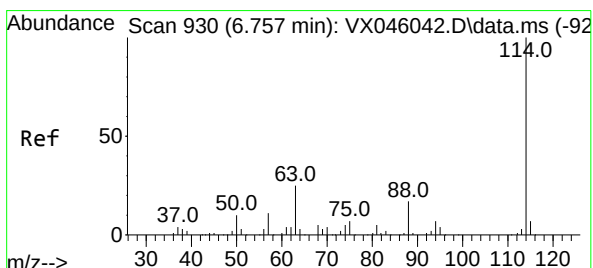
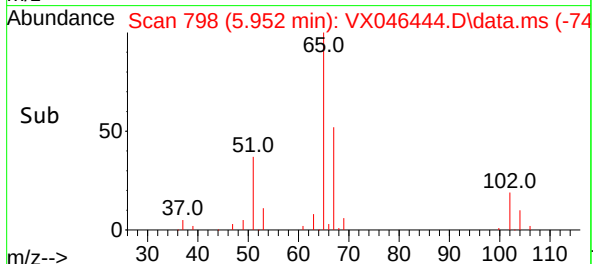
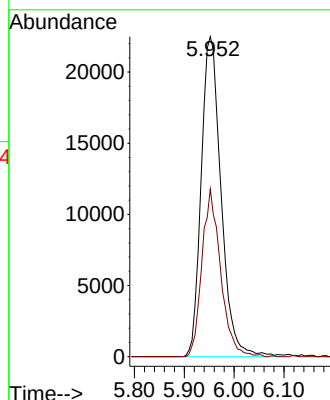
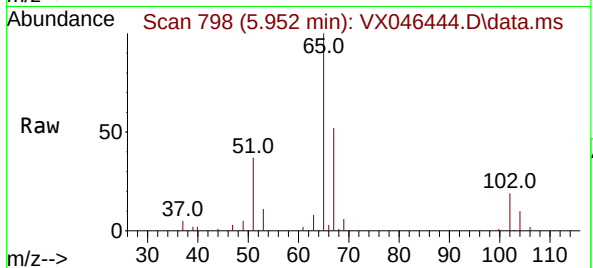
TB05312025

Tgt Ion: 65 Resp: 62292

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046444.D

Acq: 02 Jun 2025 14:47

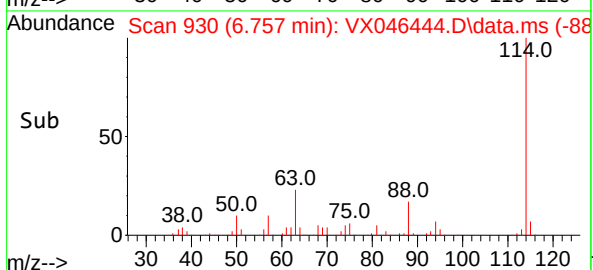
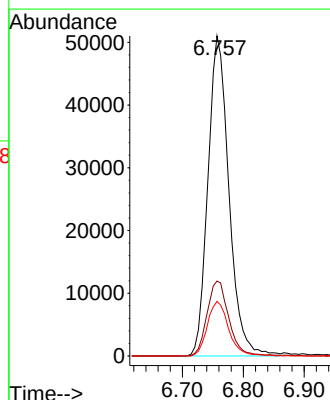
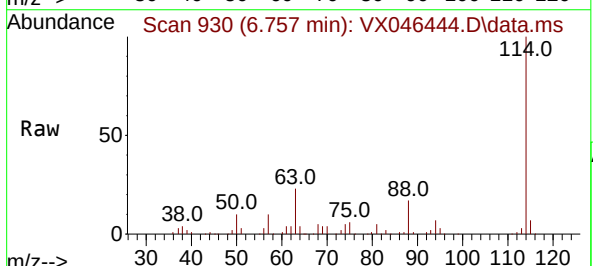
Tgt Ion: 114 Resp: 122332

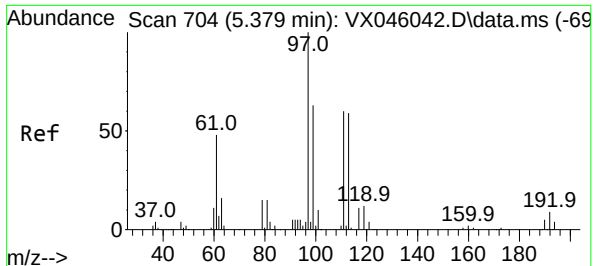
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

88 17.1 0.0 33.6

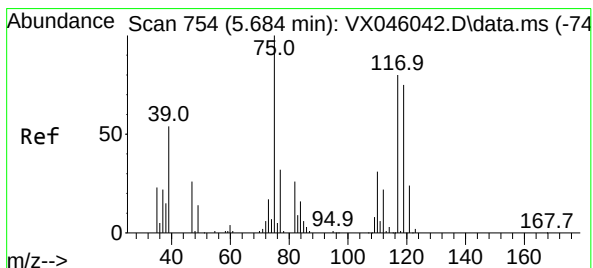
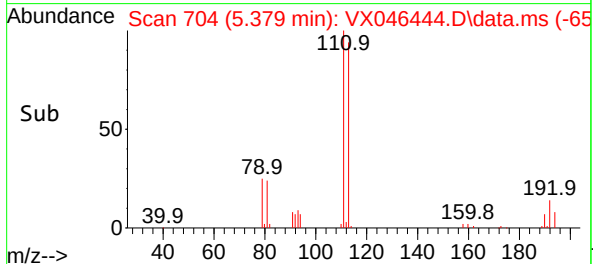
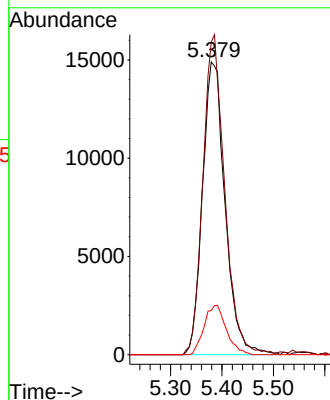
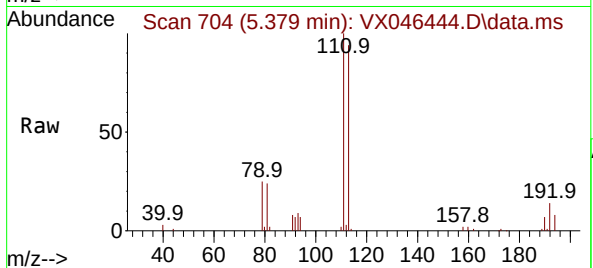




#35
Dibromofluoromethane
Concen: 51.664 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

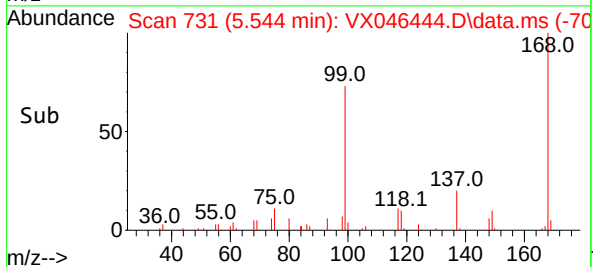
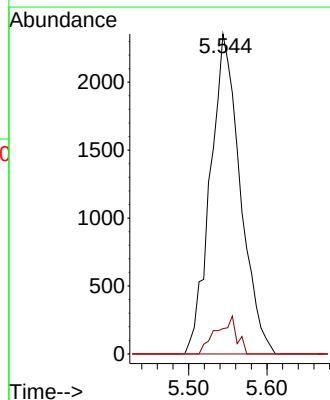
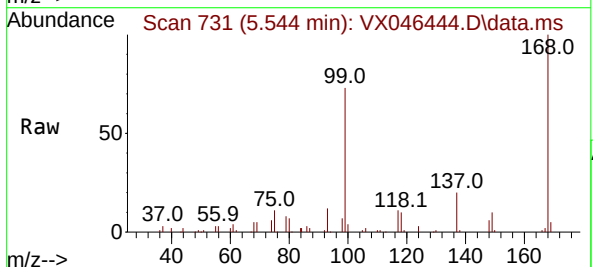
Instrument :
MSVOA_X
ClientSampleId :
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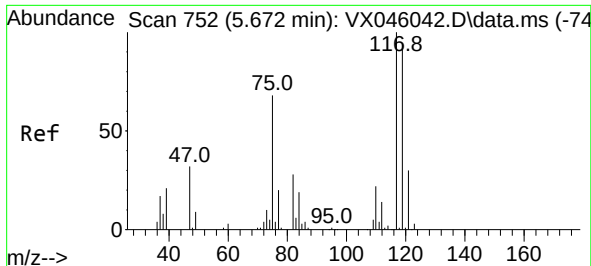
Tgt Ion:113 Resp: 45512
Ion Ratio Lower Upper
113 100
111 104.9 83.1 124.7
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.279 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Tgt Ion: 75 Resp: 6248
Ion Ratio Lower Upper
75 100
110 8.0 16.3 48.9#
77 0.0 24.3 36.5#

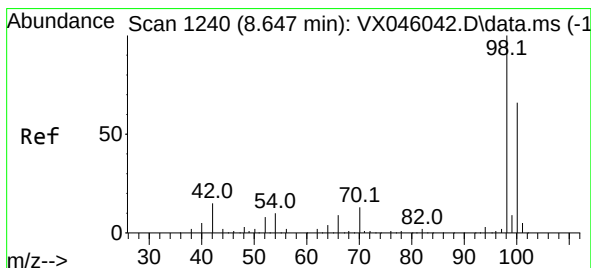
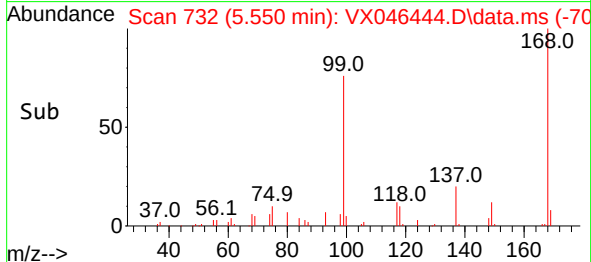
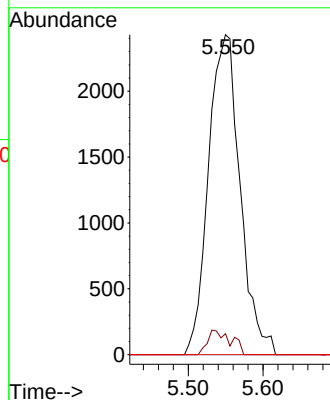
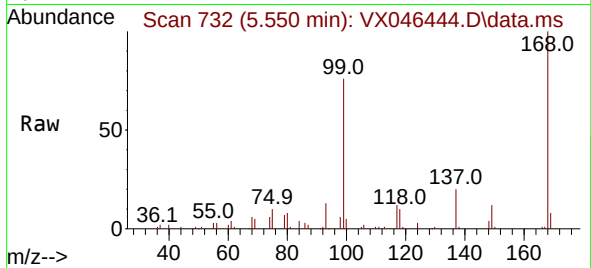




#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 5.550 min Scan# 7136
Delta R.T. -0.122 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

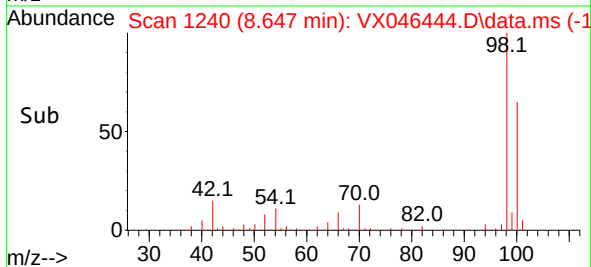
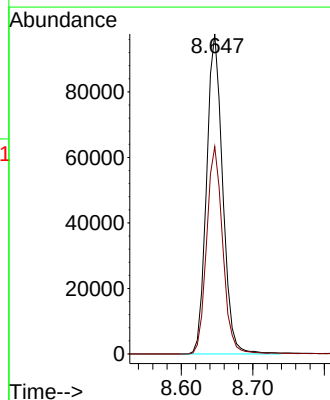
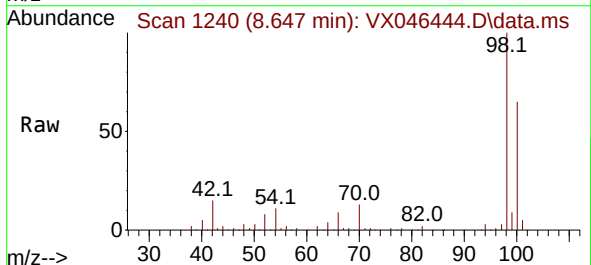
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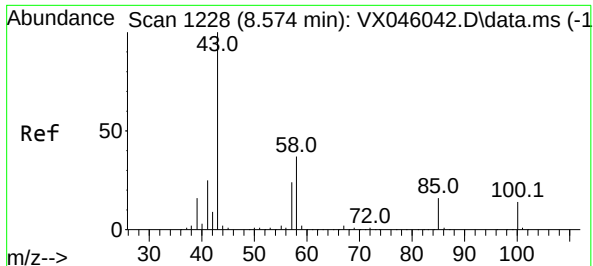
Tgt Ion:117 Resp: 7136
Ion Ratio Lower Upper
117 100
119 6.5 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.134 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Tgt Ion: 98 Resp: 152857
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3

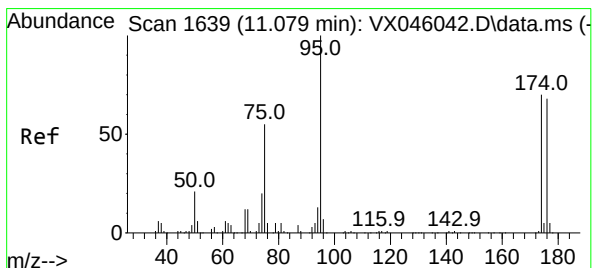
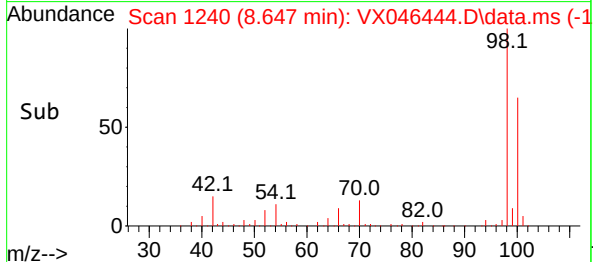
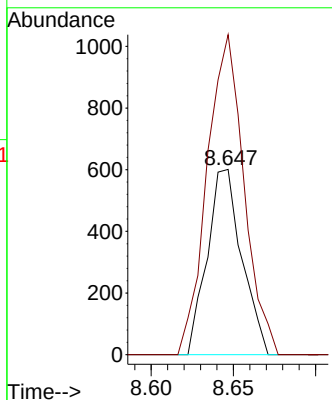
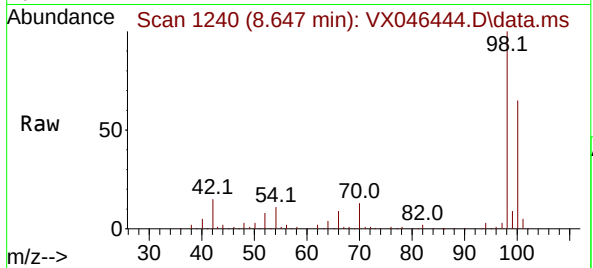




#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

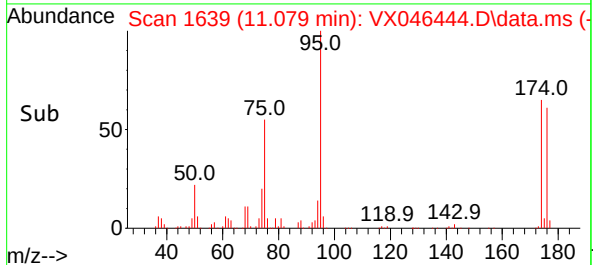
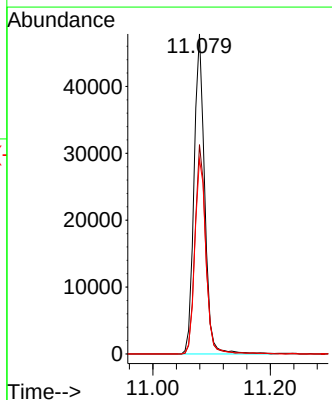
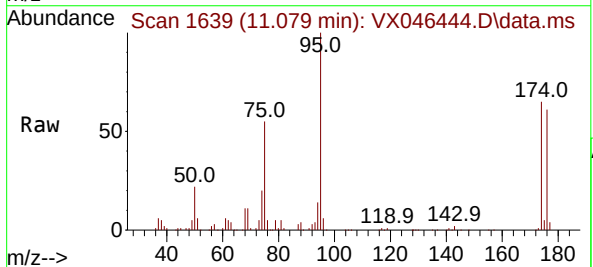
Instrument :
MSVOA_X
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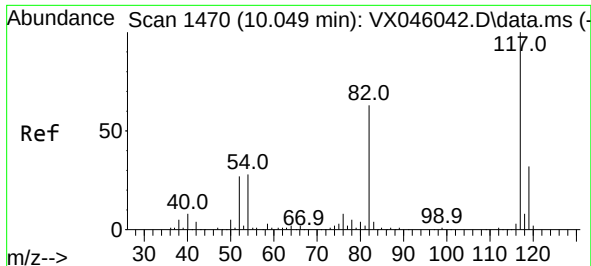
Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
58 184.6 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 51.416 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Tgt Ion: 95 Resp: 60133
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 63.7 0.0 131.4

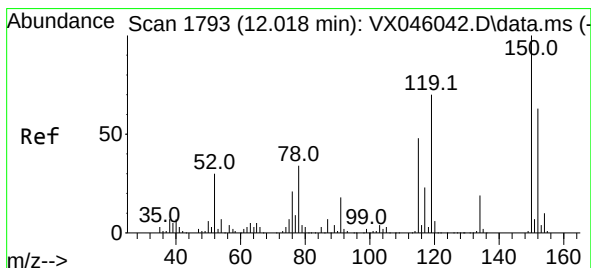
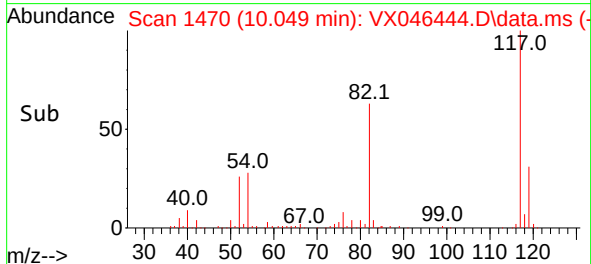
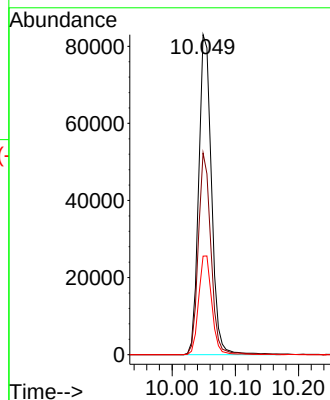
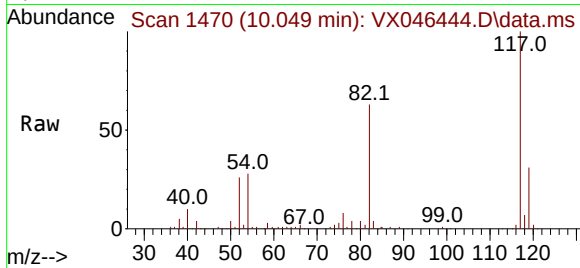




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

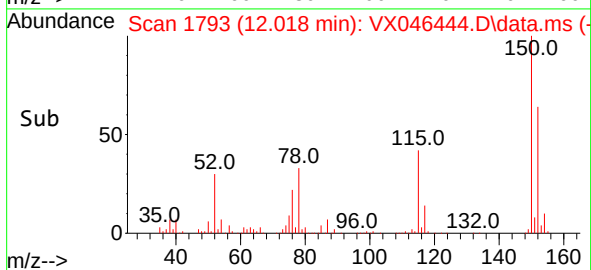
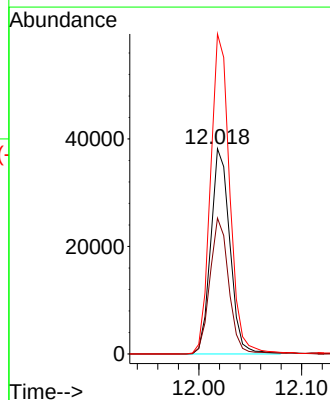
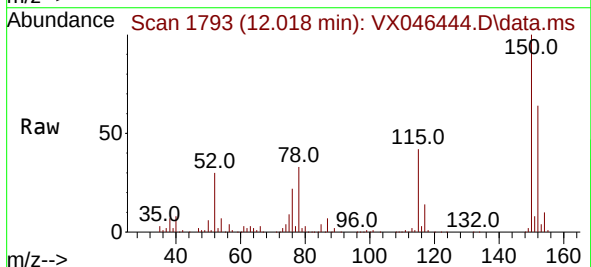
Instrument :
MSVOA_X
ClientSampleId :
TB05312025

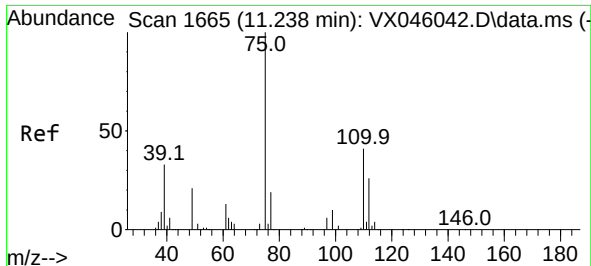
Tgt Ion:117 Resp: 117285
Ion Ratio Lower Upper
117 100
82 63.0 50.6 76.0
119 30.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Tgt Ion:152 Resp: 49224
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 157.2 0.0 351.0

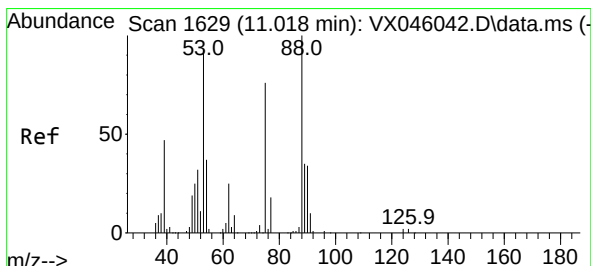
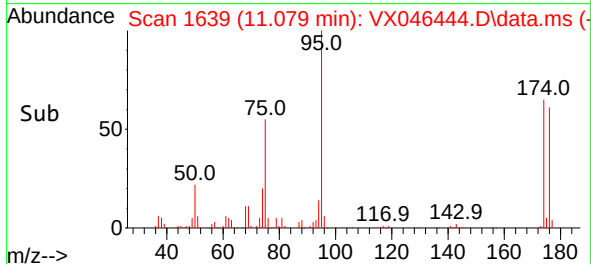
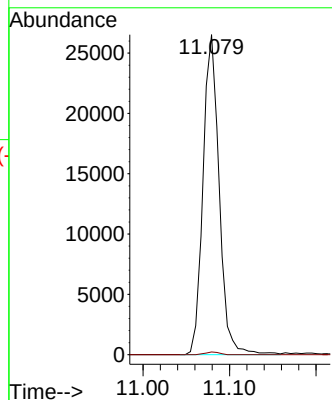
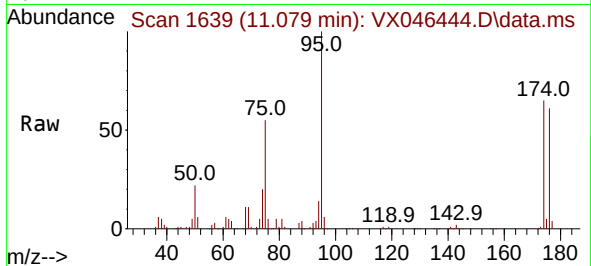




#76
1,2,3-Trichloropropane
Concen: 29.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Instrument :
MSVOA_X
ClientSampleId :
TB05312025

Tgt Ion: 75 Resp: 34397
Ion Ratio Lower Upper
75 100
77 0.8 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.515 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Tgt Ion: 75 Resp: 34397
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.1 37.0 55.6#

