

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047366.D
 Acq On : 15 Aug 2025 16:36
 Operator : JC/MD
 Sample : Q2886-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT182D-TB-20250814

Quant Time: Aug 18 04:35:59 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)

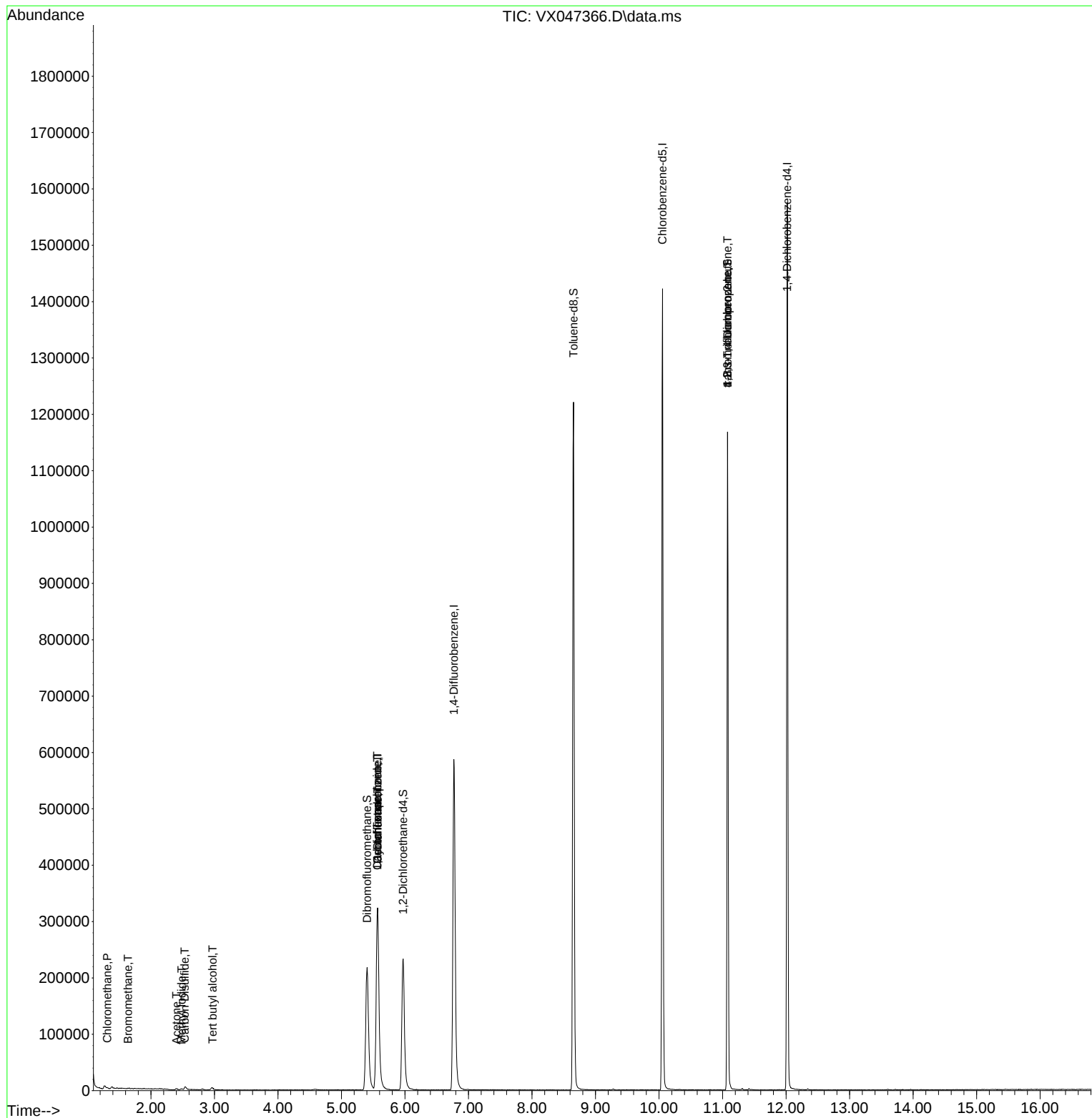
Internal Standards						
1) Pentafluorobenzene	5.568	168	322553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	632578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	621493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	310393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	249244	55.213	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.420%	
35) Dibromofluoromethane	5.403	113	208859	50.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.740%	
50) Toluene-d8	8.653	98	751321	51.200	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	11.079	95	303559	56.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	1036	0.280	ug/l	99
5) Bromomethane	1.636	94	638	0.340	ug/l #	40
10) Methyl Iodide	2.483	142	2493	0.365	ug/l #	82
11) Tert butyl alcohol	2.971	59	2161	5.503	ug/l #	72
16) Acetone	2.398	43	3029	1.785	ug/l	91
17) Carbon Disulfide	2.532	76	2960	0.242	ug/l	99
31) Cyclohexane	5.568	56	7394	1.018	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	27255	4.205	ug/l #	49
38) Carbon Tetrachloride	5.562	117	34311	4.845	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	160203	28.141	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	160203	110.946	ug/l #	7

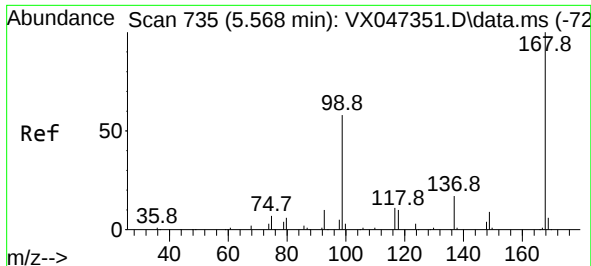
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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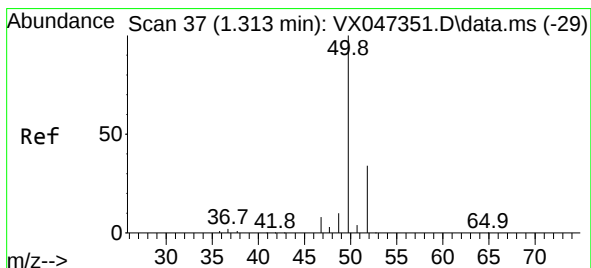
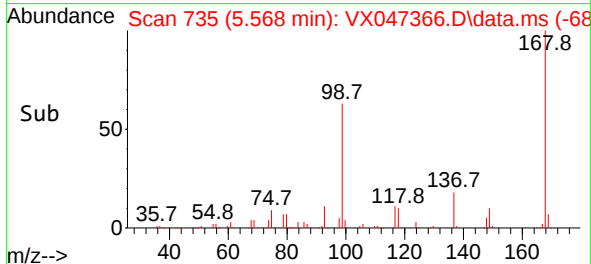
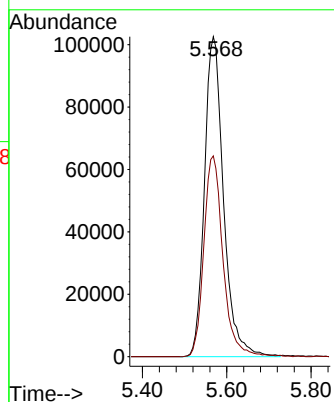
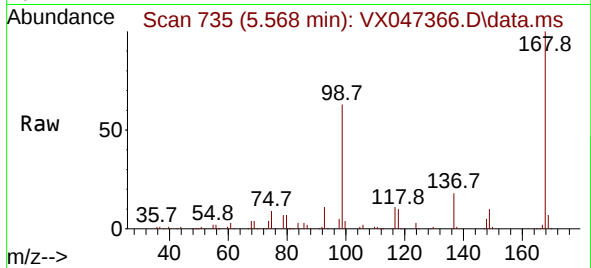




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

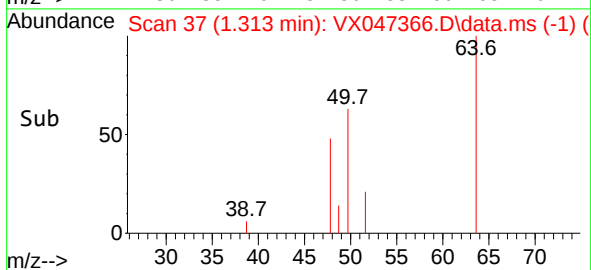
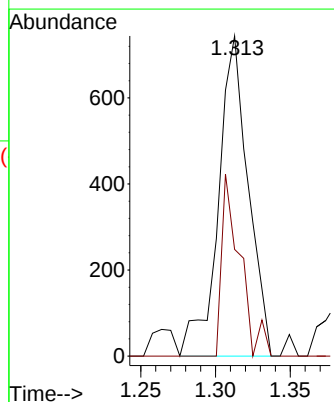
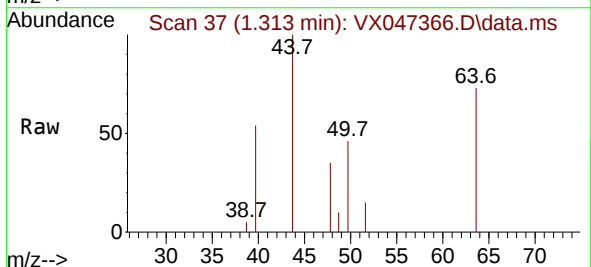
Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

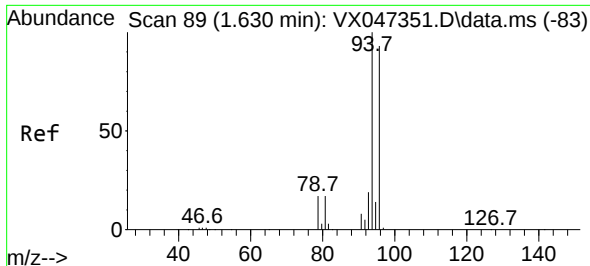
Tgt Ion:168 Resp: 322553
Ion Ratio Lower Upper
168 100
99 62.8 47.9 71.9



#3
Chloromethane
Concen: 0.280 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Tgt Ion: 50 Resp: 1036
Ion Ratio Lower Upper
50 100
52 33.3 27.0 40.4

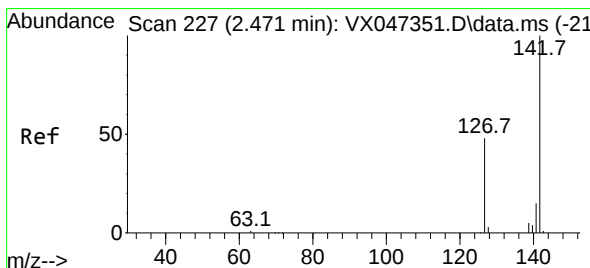
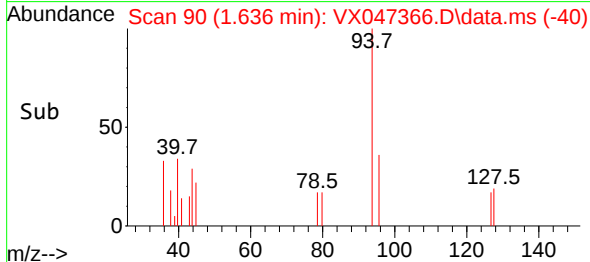
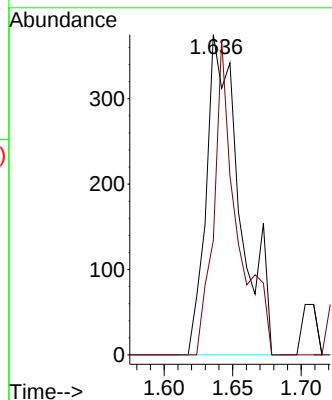
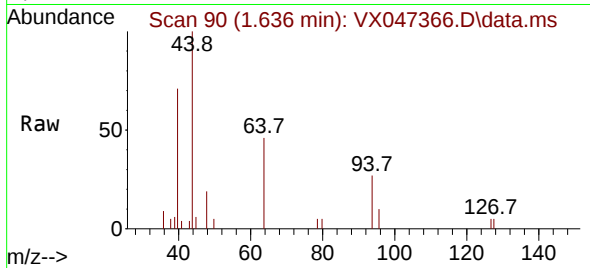




#5
Bromomethane
Concen: 0.340 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

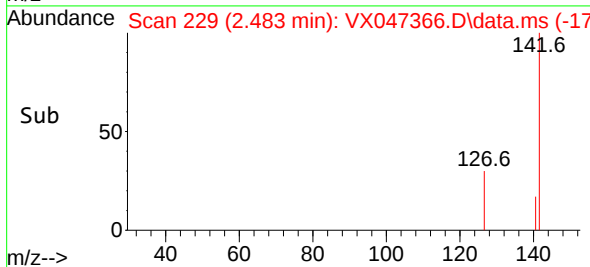
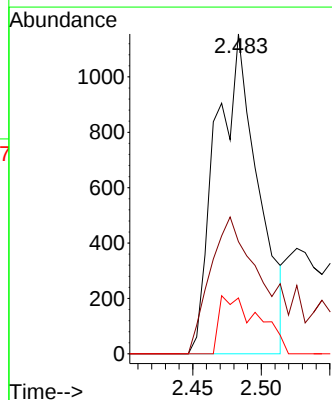
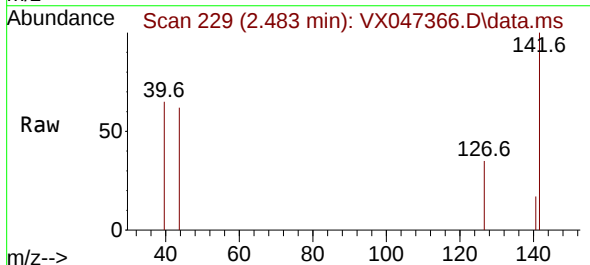
Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

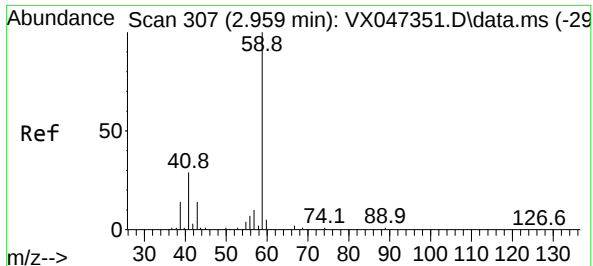
Tgt Ion: 94 Resp: 638
Ion Ratio Lower Upper
94 100
96 35.7 74.7 112.1#



#10
Methyl Iodide
Concen: 0.365 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Tgt Ion: 142 Resp: 2493
Ion Ratio Lower Upper
142 100
127 59.2 36.1 54.1#
141 16.9 11.1 16.7#





#11

Tert butyl alcohol

Concen: 5.503 ug/l

RT: 2.971 min Scan# 307

Delta R.T. 0.012 min

Lab File: VX047366.D

Acq: 15 Aug 2025 16:36

Instrument :

MSVOA_X

ClientSampleId :

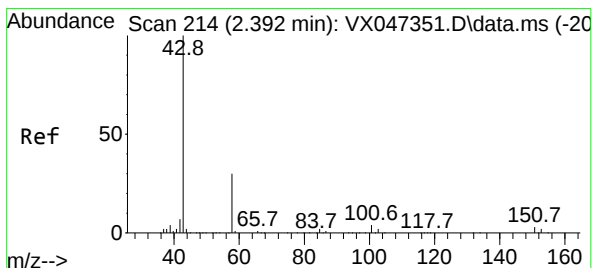
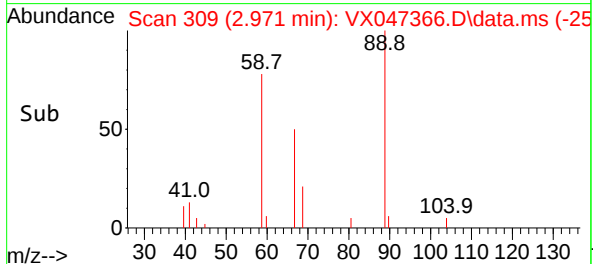
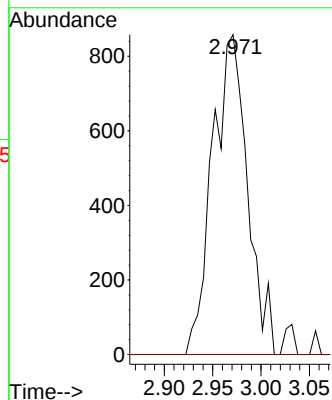
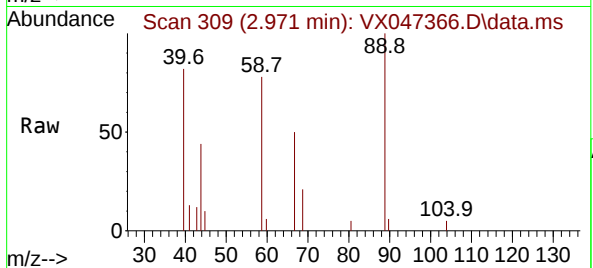
BP-TT182D-TB-20250814

Tgt Ion: 59 Resp: 2161

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.785 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX047366.D

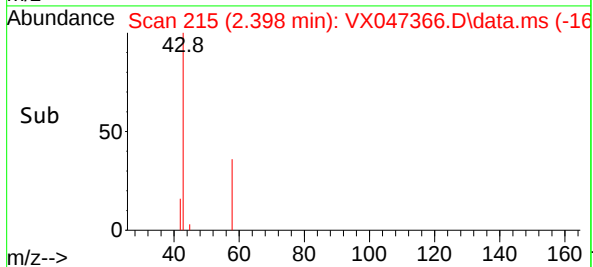
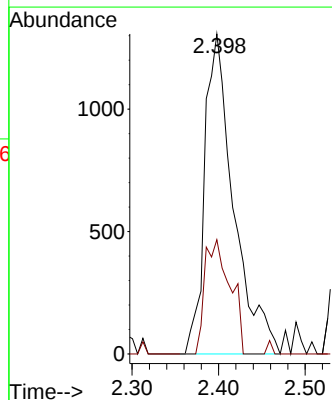
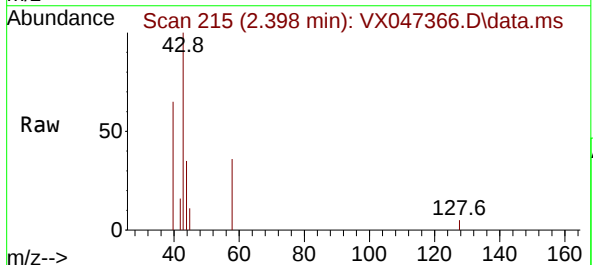
Acq: 15 Aug 2025 16:36

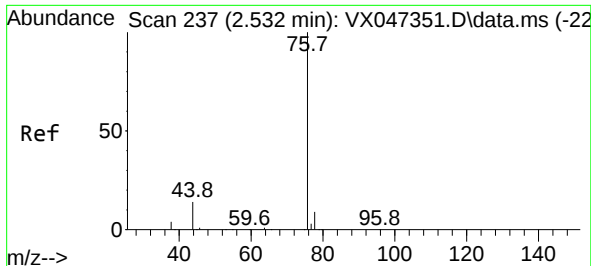
Tgt Ion: 43 Resp: 3029

Ion Ratio Lower Upper

43 100

58 35.7 24.8 37.2

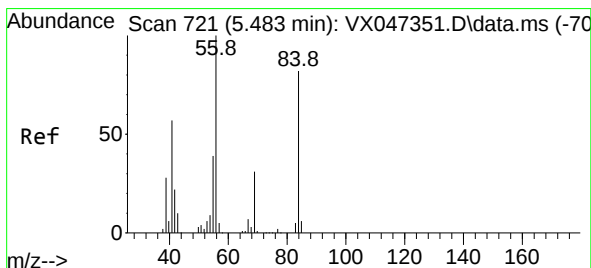
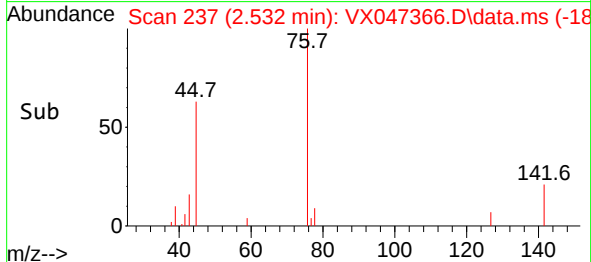
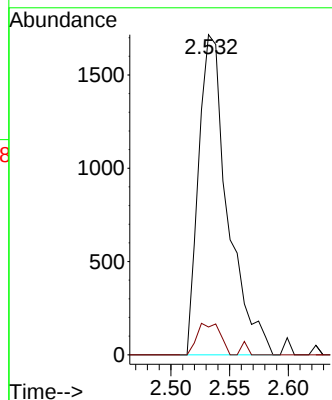
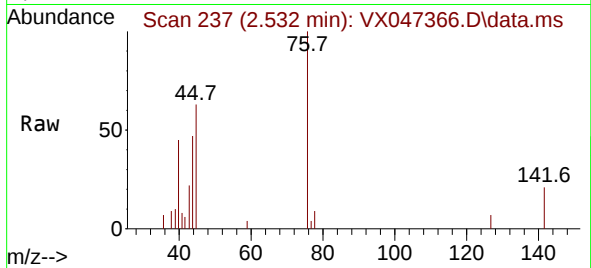




#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

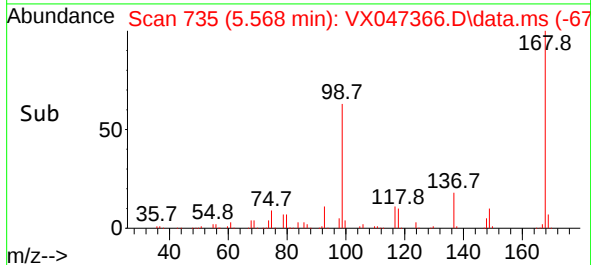
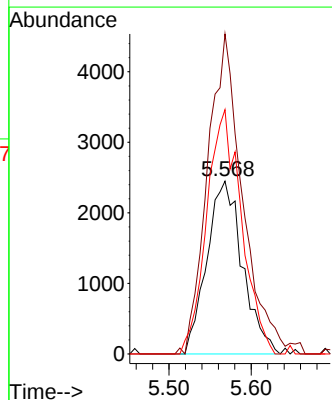
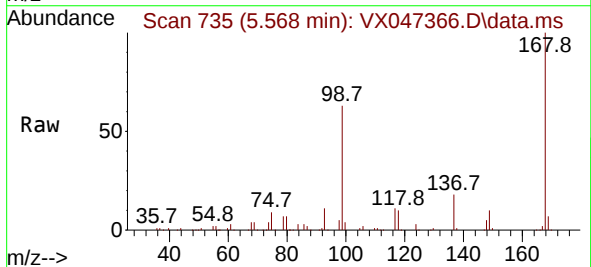
Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

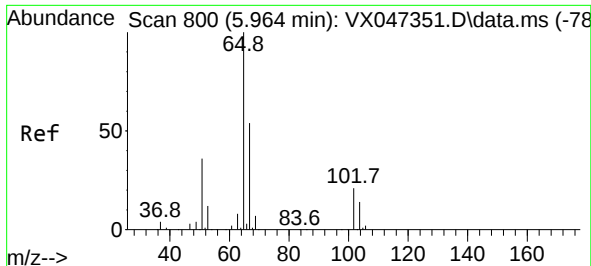
Tgt Ion: 76 Resp: 2960
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#31
Cyclohexane
Concen: 1.018 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Tgt Ion: 56 Resp: 7394
Ion Ratio Lower Upper
56 100
69 181.8 24.3 36.5#
84 141.4 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: 55.213 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047366.D

Acq: 15 Aug 2025 16:36

Instrument :

MSVOA_X

ClientSampleId :

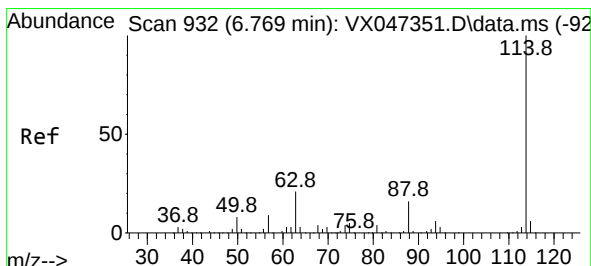
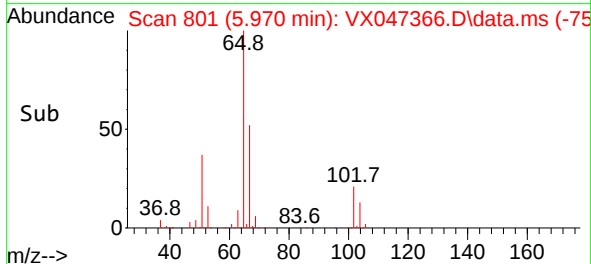
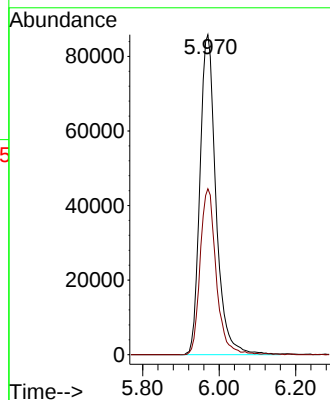
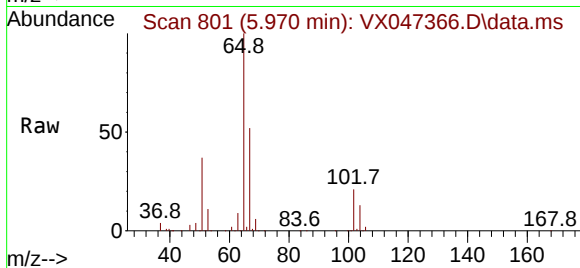
BP-TT182D-TB-20250814

Tgt Ion: 65 Resp: 249244

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047366.D

Acq: 15 Aug 2025 16:36

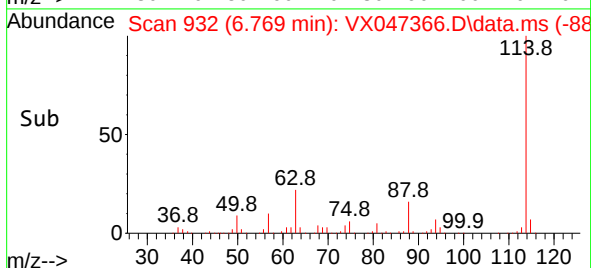
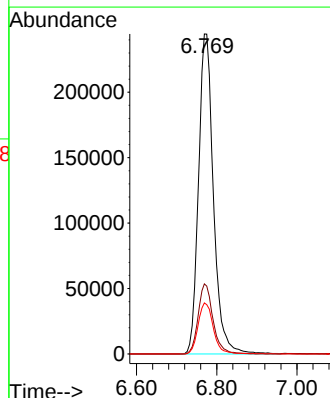
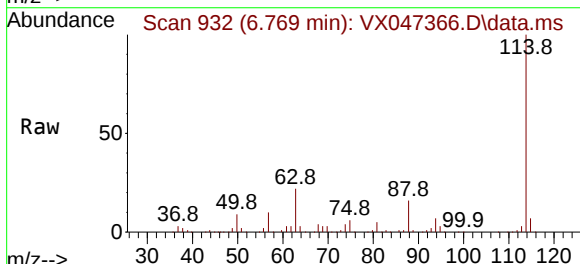
Tgt Ion: 114 Resp: 632578

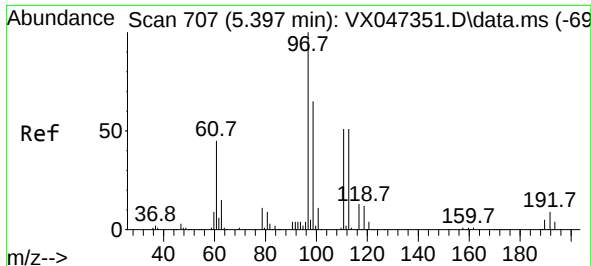
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.873 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047366.D

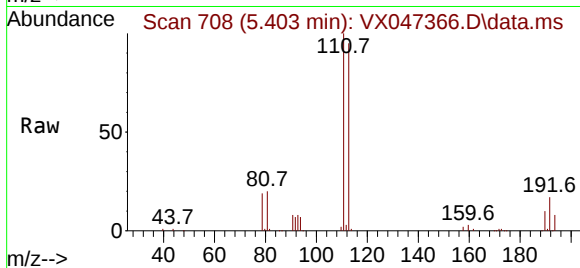
Acq: 15 Aug 2025 16:36

Instrument :

MSVOA_X

ClientSampleId :

BP-TT182D-TB-20250814



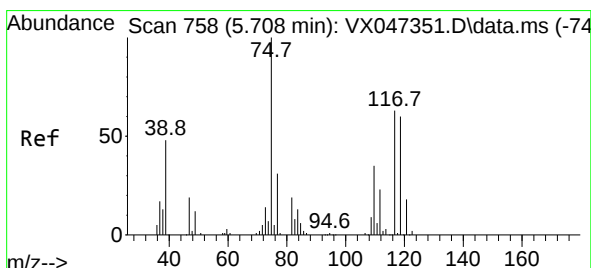
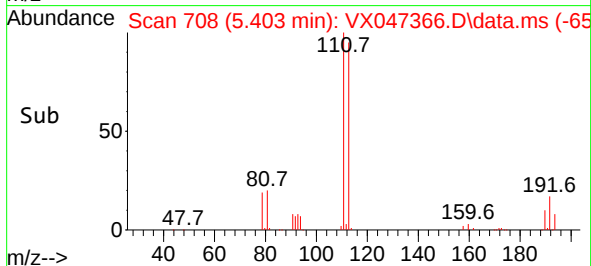
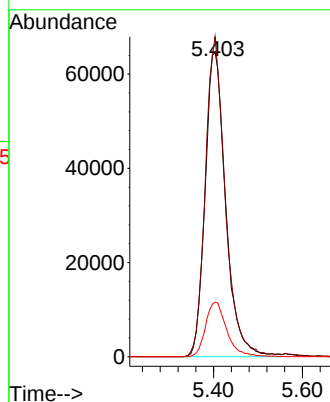
Tgt Ion:113 Resp: 208859

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

192 18.4 14.1 21.1



#36

1,1-Dichloropropene

Concen: 4.205 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.146 min

Lab File: VX047366.D

Acq: 15 Aug 2025 16:36

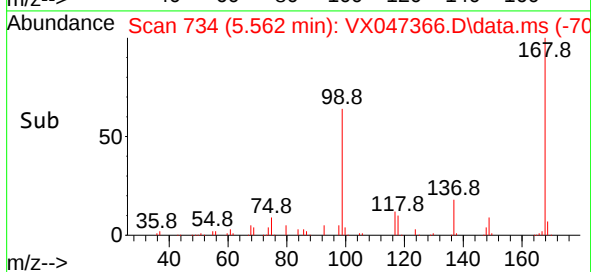
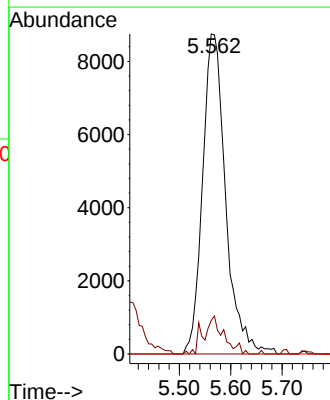
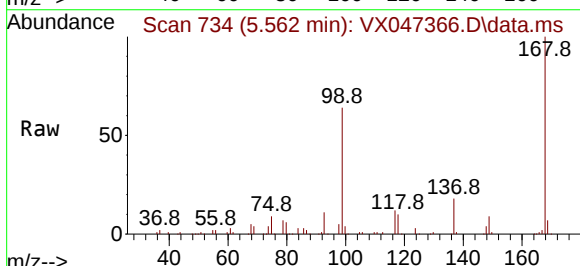
Tgt Ion: 75 Resp: 27255

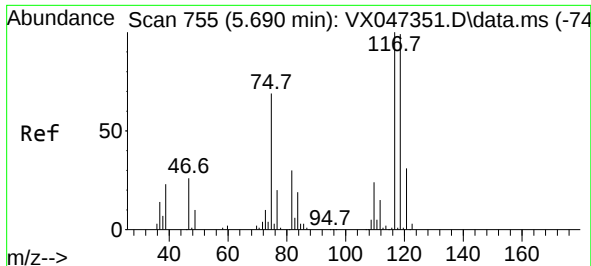
Ion Ratio Lower Upper

75 100

110 7.8 17.4 52.2#

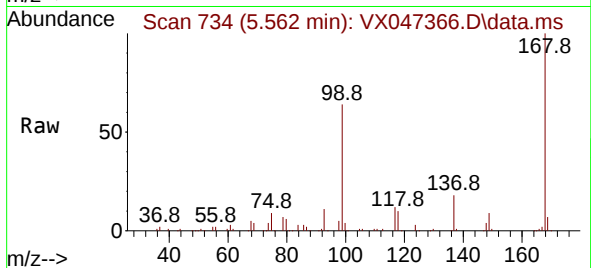
77 0.0 24.4 36.6#



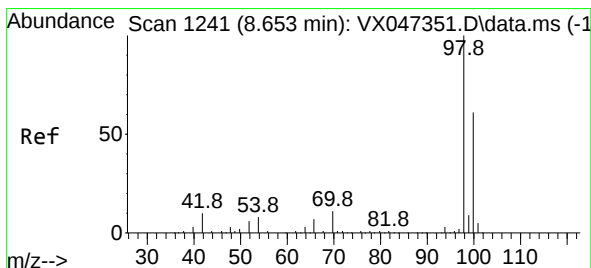
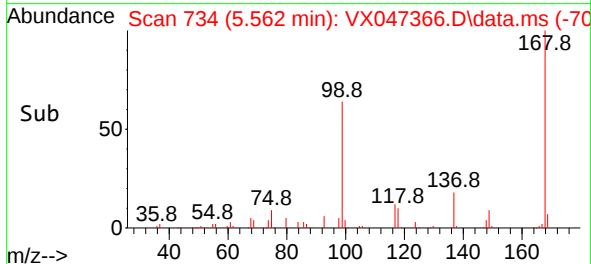
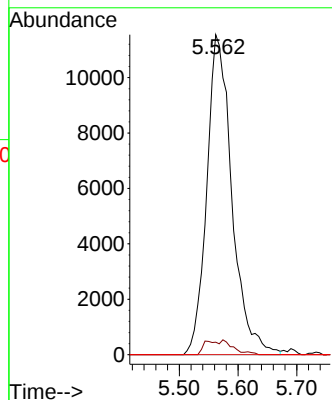


#38
Carbon Tetrachloride
Concen: 4.845 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

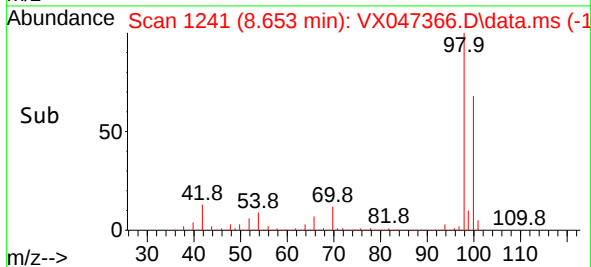
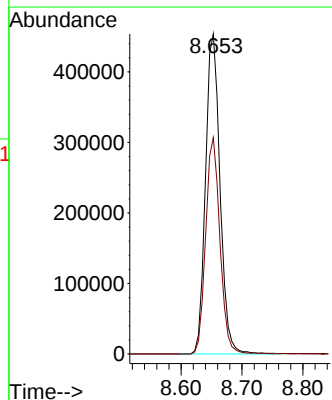
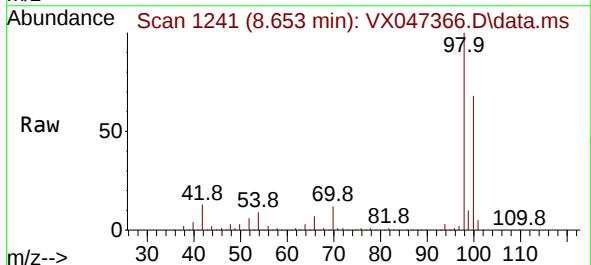


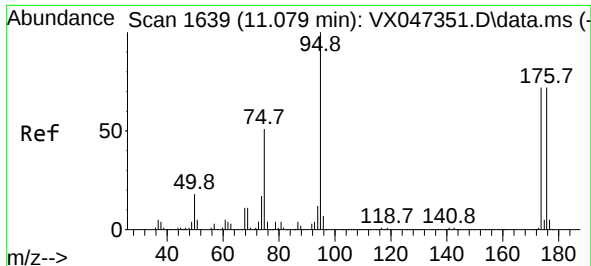
Tgt Ion:117 Resp: 34311
Ion Ratio Lower Upper
117 100
119 3.9 78.5 117.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.200 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Tgt Ion: 98 Resp: 751321
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9

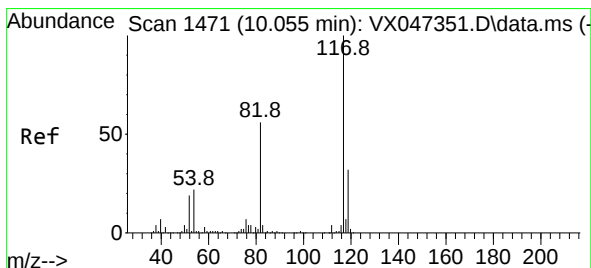
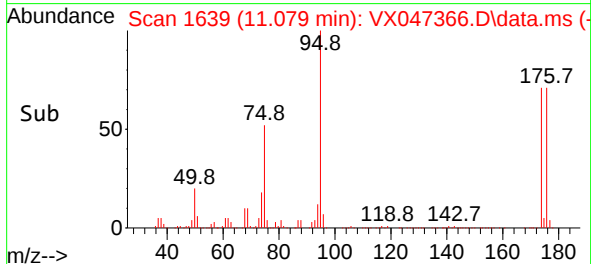
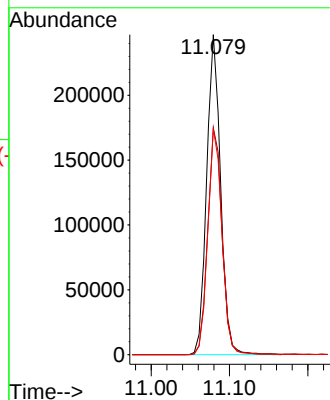
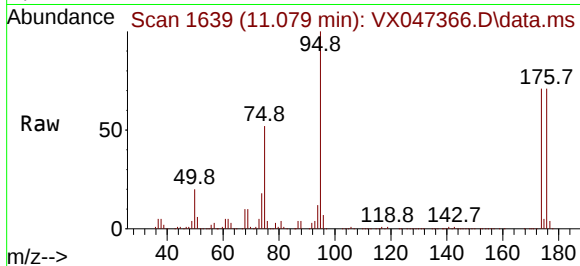




#62
4-Bromofluorobenzene
Concen: 56.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

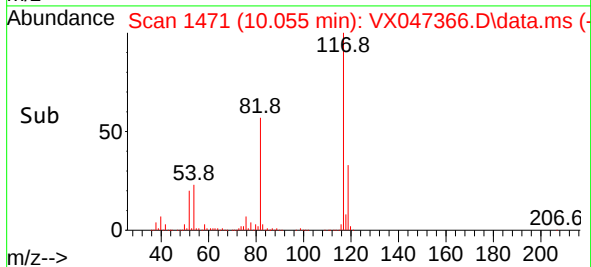
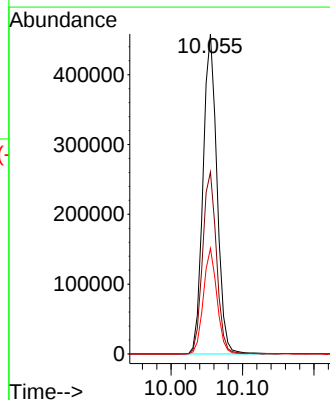
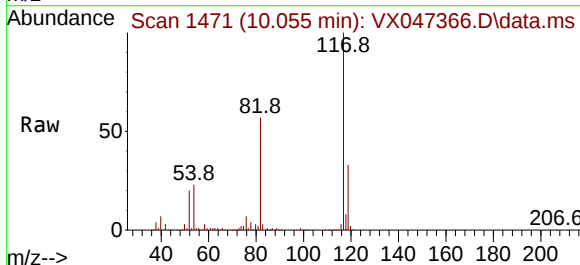
Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

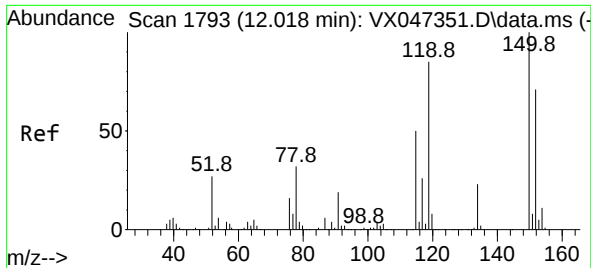
Tgt Ion: 95 Resp: 303559
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.0
176 71.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Tgt Ion: 117 Resp: 621493
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 33.0 25.8 38.8

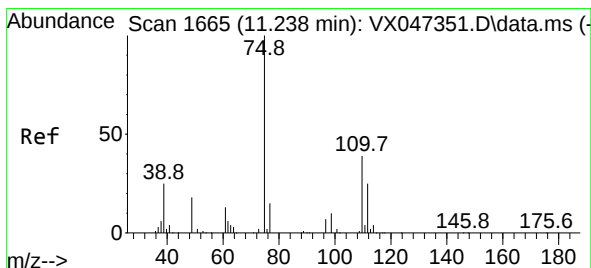
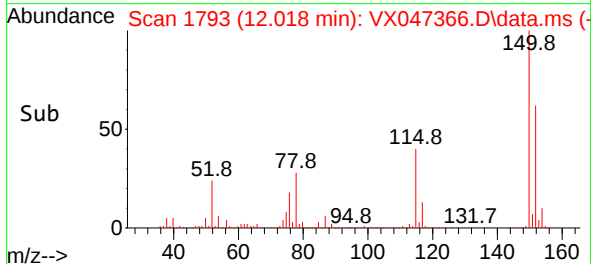
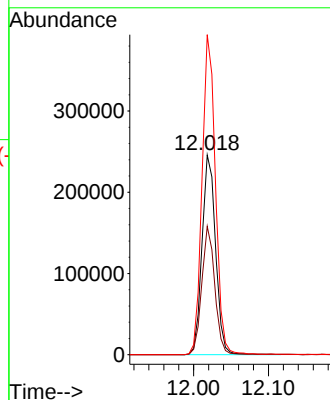
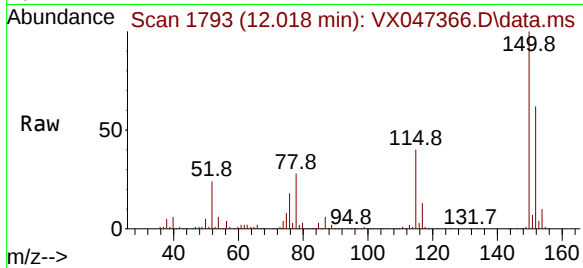




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047366.D
 Acq: 15 Aug 2025 16:36

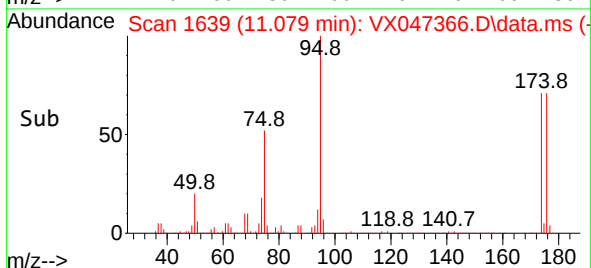
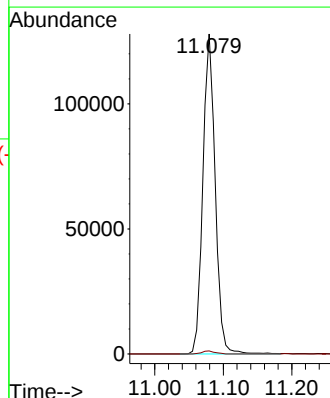
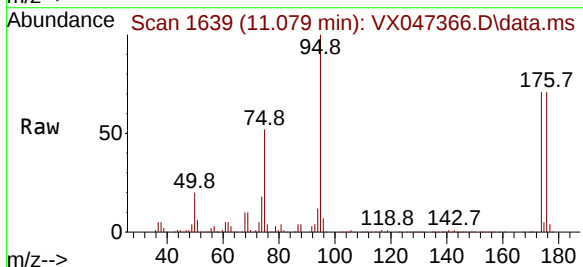
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT182D-TB-20250814

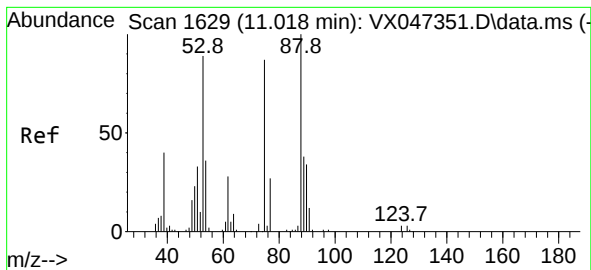
Tgt Ion:152 Resp: 310393
 Ion Ratio Lower Upper
 152 100
 115 61.7 44.6 133.8
 150 157.7 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 28.141 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX047366.D
 Acq: 15 Aug 2025 16:36

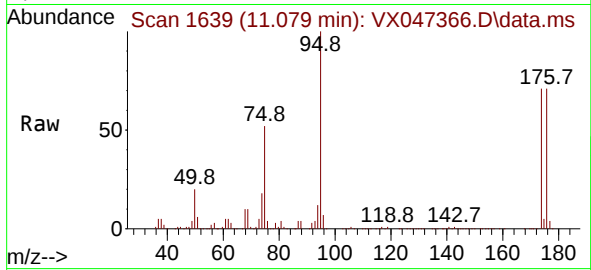
Tgt Ion: 75 Resp: 160203
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.946 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX047366.D
 Acq: 15 Aug 2025 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT182D-TB-20250814



Tgt Ion: 75 Resp: 160203
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.2 127.8#
 89 0.0 36.7 55.1#

