

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080525\
 Data File : VX047231.D
 Acq On : 05 Aug 2025 12:46
 Operator : JC/MD
 Sample : VX0805WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBL01

Quant Time: Aug 06 05:39:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

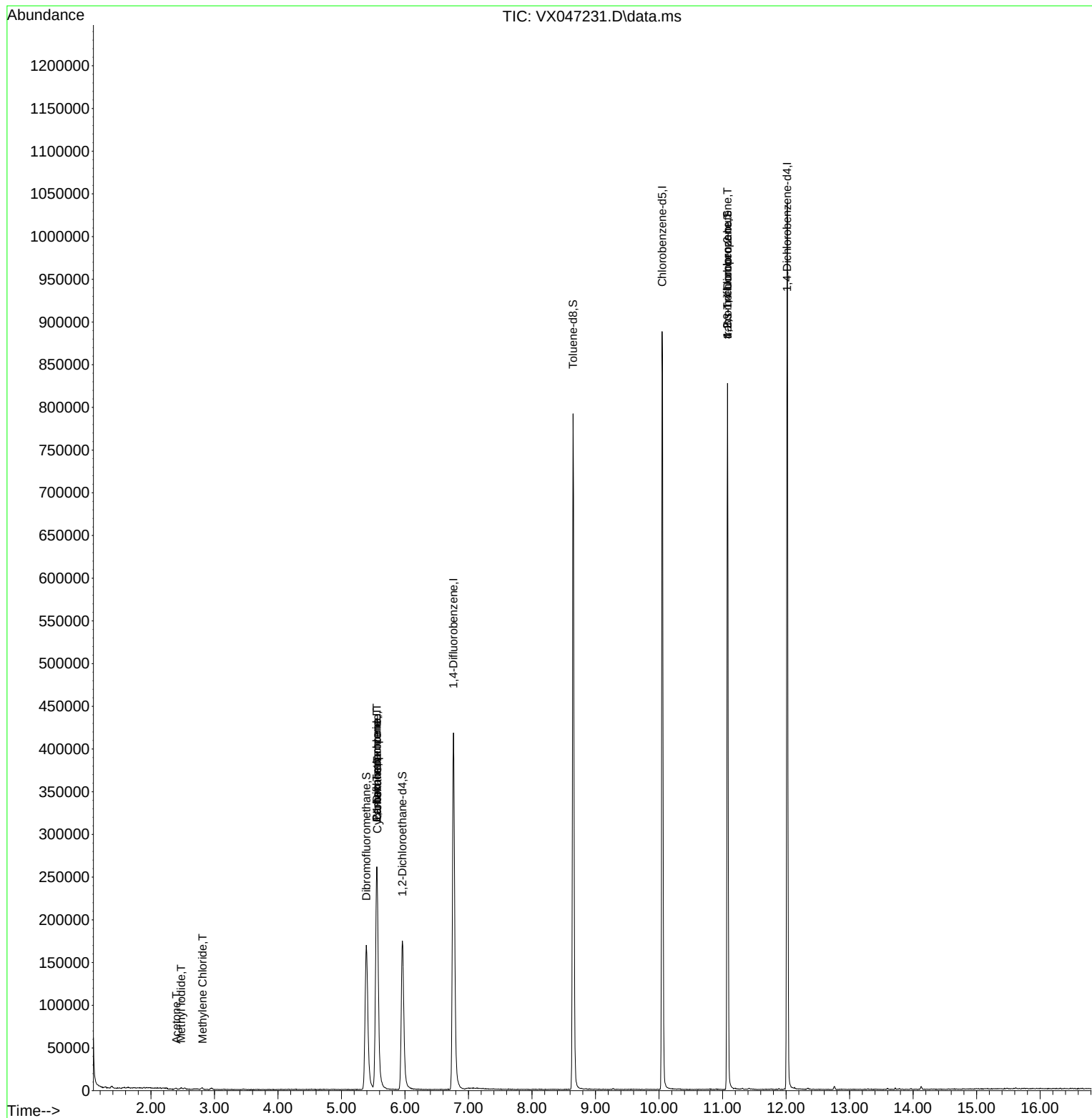
Internal Standards							
1) Pentafluorobenzene		5.556	168	259205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.763	114	445114	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.049	117	397332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.018	152	206249	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.958	65	186720	57.828	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.660%	
35) Dibromofluoromethane		5.391	113	163901	59.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	119.280%	
50) Toluene-d8		8.647	98	476416	53.528	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.060%	
62) 4-Bromofluorobenzene		11.079	95	225302	58.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.480%	
Target Compounds							
10) Methyl Iodide		2.477	142	2441	0.728	ug/l	95
11) Tert butyl alcohol		2.953	59	113	Below Cal	#	72
16) Acetone		2.398	43	2270	1.755	ug/l	96
20) Methylene Chloride		2.813	84	979	0.275	ug/l #	71
31) Cyclohexane		5.562	56	5705	0.945	ug/l #	12
36) 1,1-Dichloropropene		5.556	75	21551	4.600	ug/l #	49
38) Carbon Tetrachloride		5.556	117	27646	5.529	ug/l #	16
76) 1,2,3-Trichloropropane		11.079	75	116282	30.460	ug/l #	35
81) trans-1,4-Dichloro-2-b...		11.079	75	116282	78.476	ug/l #	8

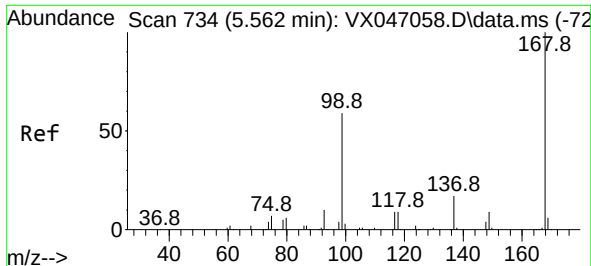
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VX0805WBL01

Quant Time: Aug 06 05:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

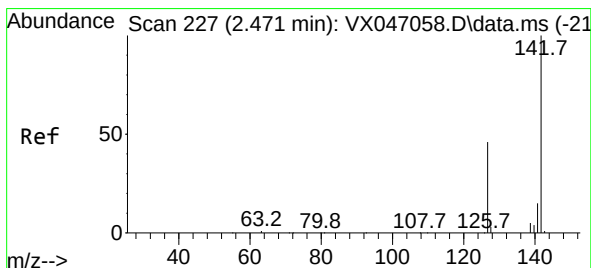
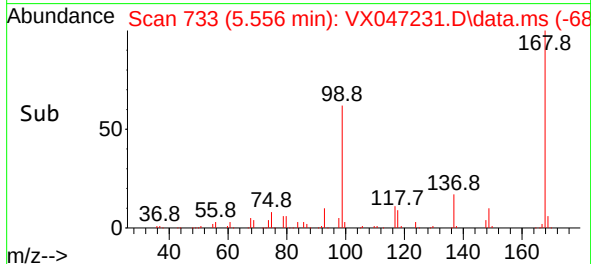
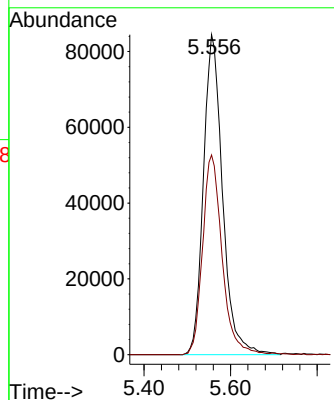
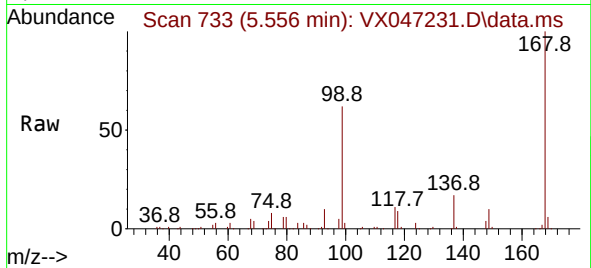




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

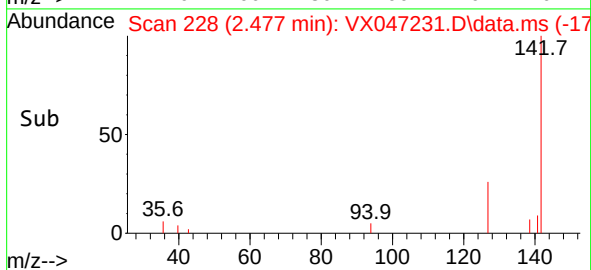
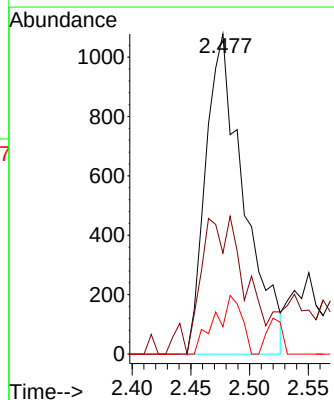
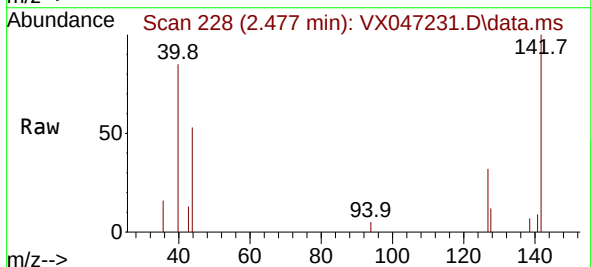
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

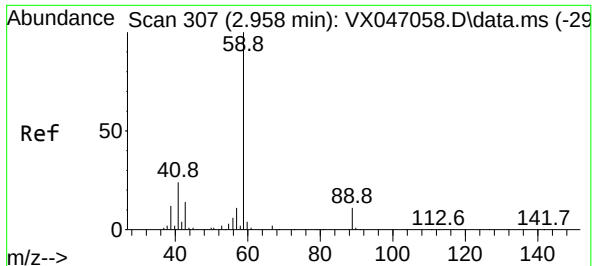
Tgt Ion:168 Resp: 259205
Ion Ratio Lower Upper
168 100
99 62.4 48.0 72.0



#10
Methyl Iodide
Concen: 0.728 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.007 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Tgt Ion:142 Resp: 2441
Ion Ratio Lower Upper
142 100
127 50.0 36.6 54.8
141 12.8 10.9 16.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 307

Delta R.T. -0.005 min

Lab File: VX047231.D

Acq: 05 Aug 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

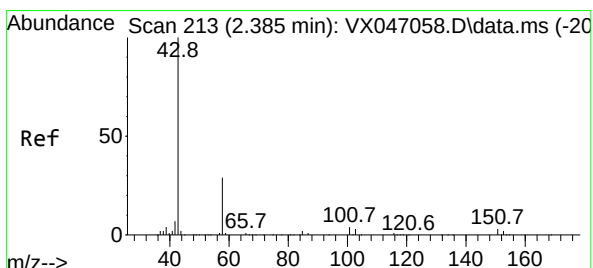
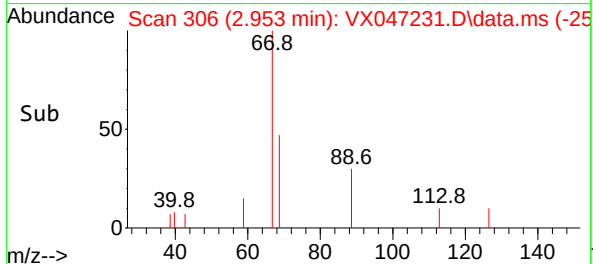
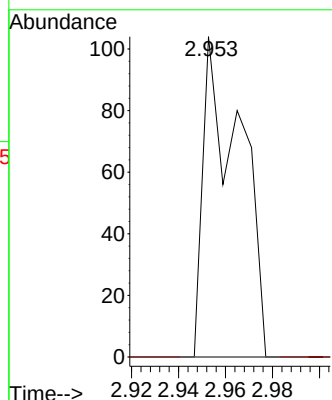
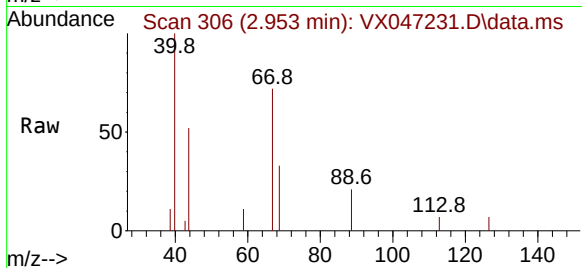
VX0805WBL01

Tgt Ion: 59 Resp: 113

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 1.755 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.013 min

Lab File: VX047231.D

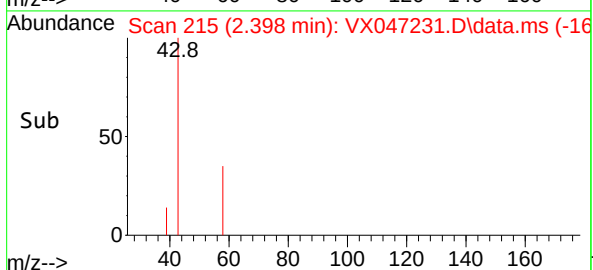
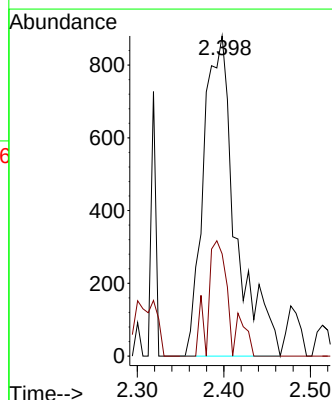
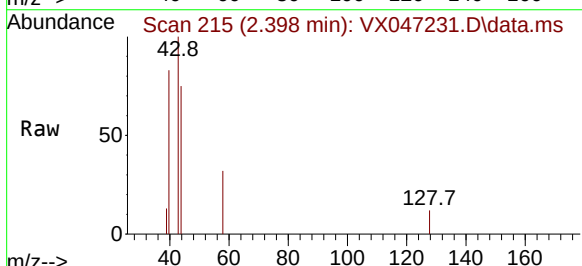
Acq: 05 Aug 2025 12:46

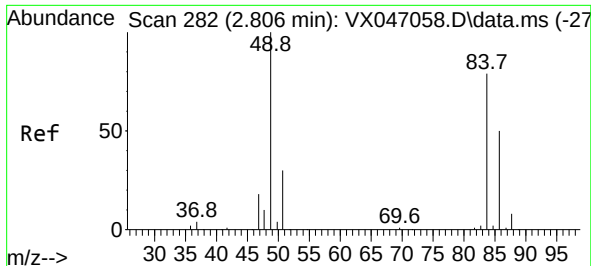
Tgt Ion: 43 Resp: 2270

Ion Ratio Lower Upper

43 100

58 31.9 24.0 36.0



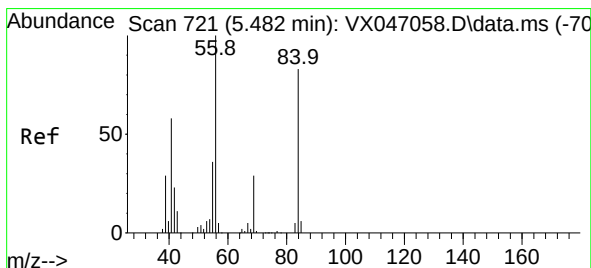
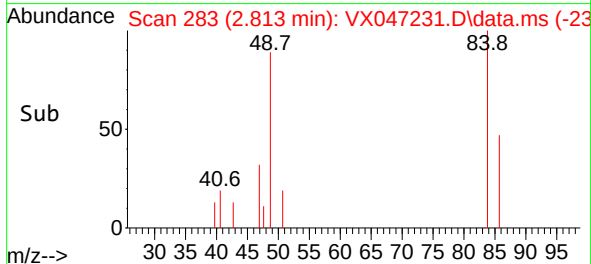
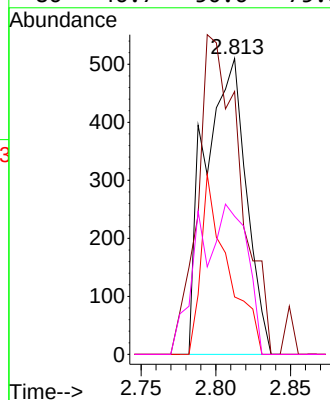
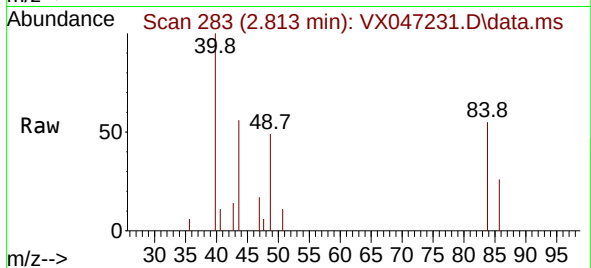


#20
Methylene Chloride
Concen: 0.275 ug/l
RT: 2.813 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

Tgt Ion: 84 Resp: 979

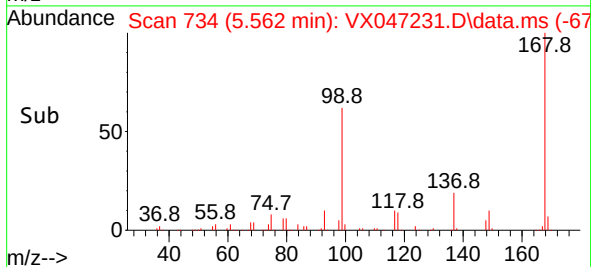
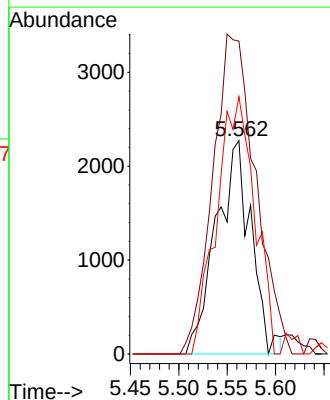
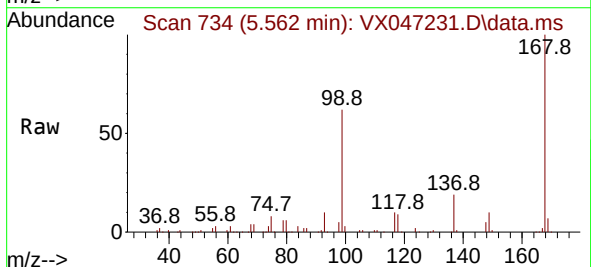
Ion	Ratio	Lower	Upper
84	100		
49	88.8	101.6	152.4#
51	19.4	30.3	45.5#
86	46.7	50.6	75.8#

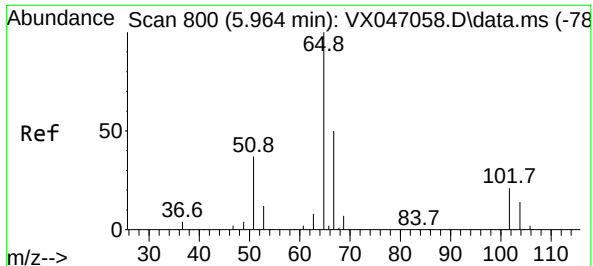


#31
Cyclohexane
Concen: 0.945 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.080 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Tgt Ion: 56 Resp: 5705

Ion	Ratio	Lower	Upper
56	100		
69	146.7	23.3	34.9#
84	120.6	66.5	99.7#





#33

1,2-Dichloroethane-d4

Concen: 57.828 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047231.D

Acq: 05 Aug 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

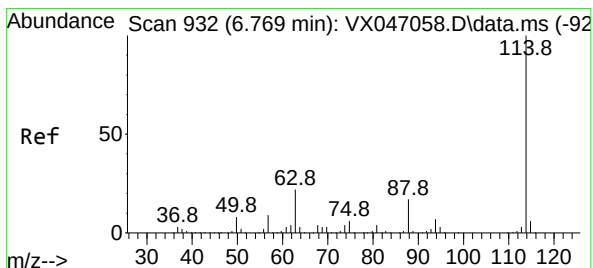
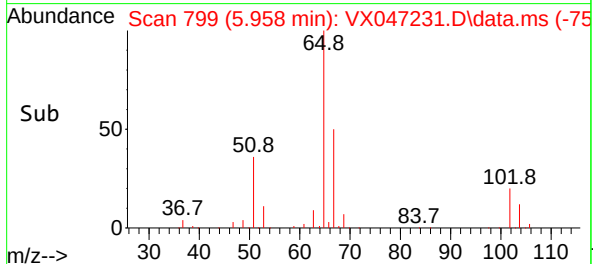
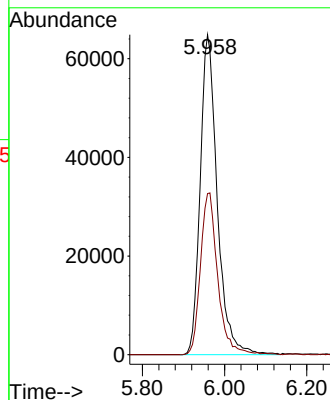
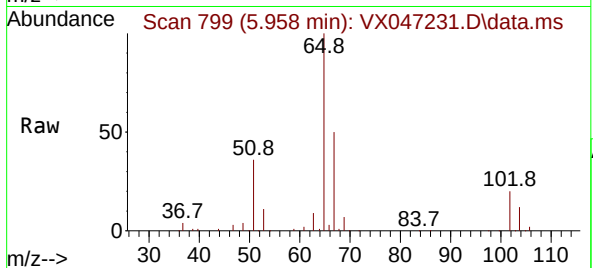
VX0805WBL01

Tgt Ion: 65 Resp: 186720

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047231.D

Acq: 05 Aug 2025 12:46

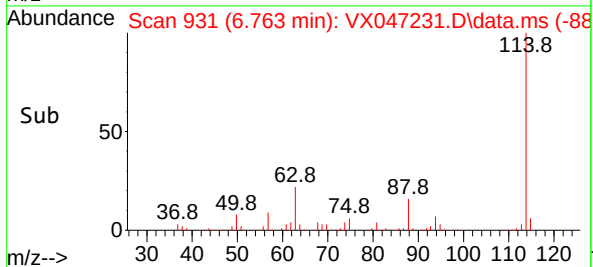
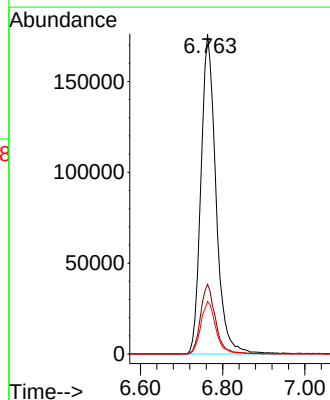
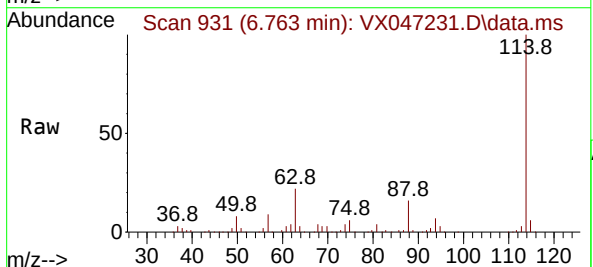
Tgt Ion: 114 Resp: 445114

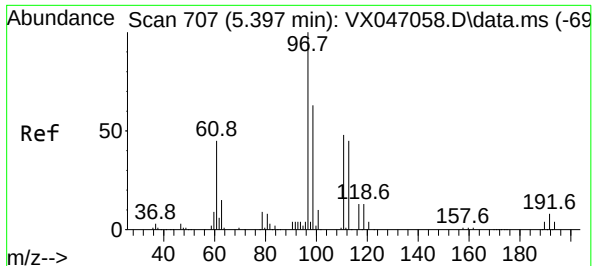
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

88 16.4 0.0 33.8

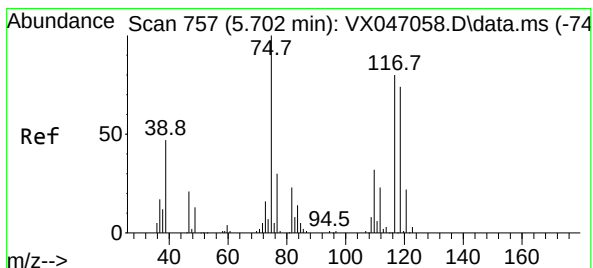
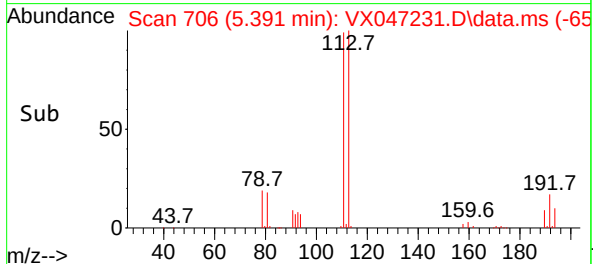
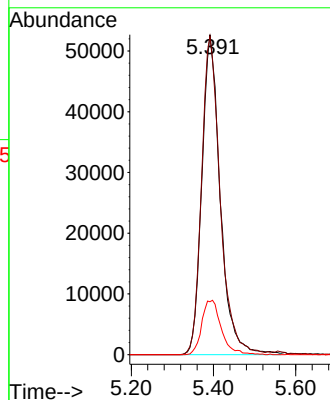
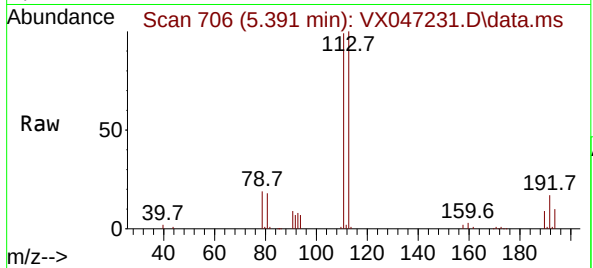




#35
Dibromofluoromethane
Concen: 59.638 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

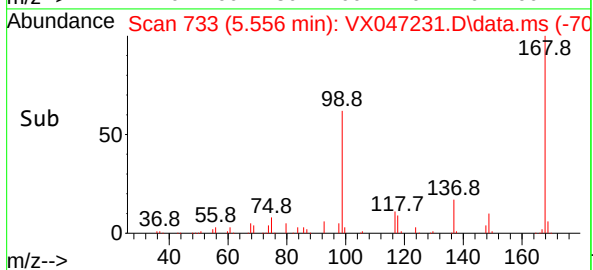
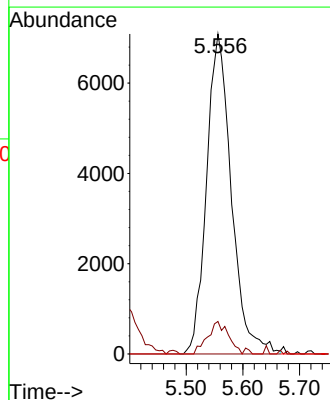
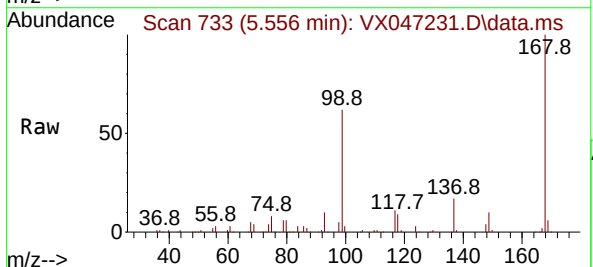
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

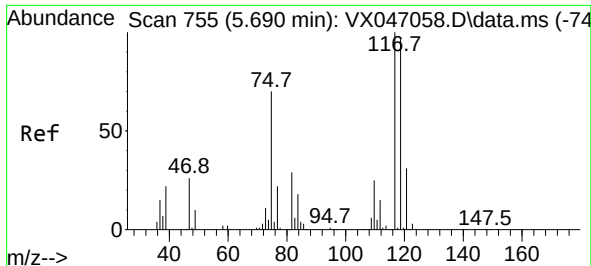
Tgt Ion:113 Resp: 163901
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.600 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

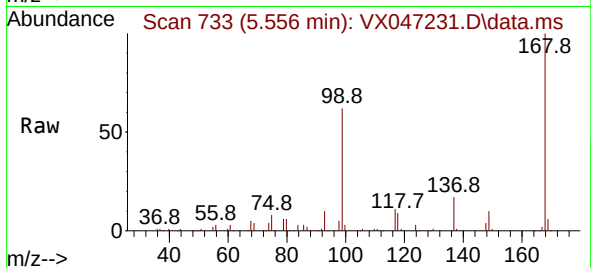
Tgt Ion: 75 Resp: 21551
Ion Ratio Lower Upper
75 100
110 8.4 17.2 51.5#
77 0.0 25.1 37.7#



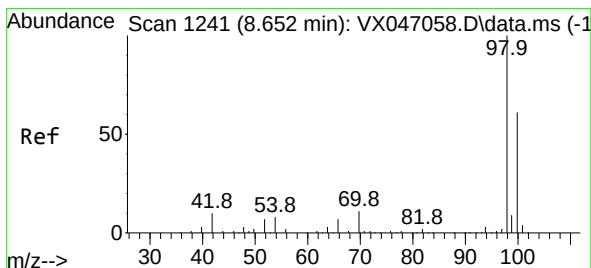
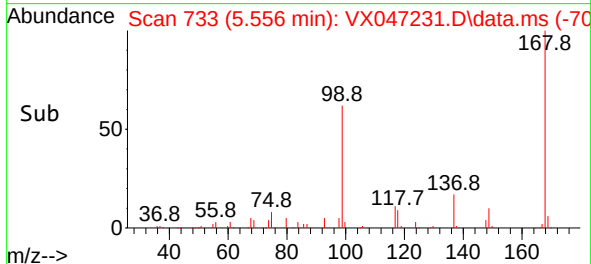
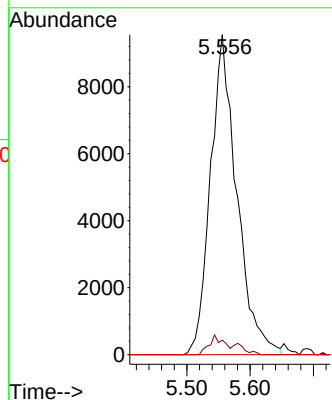


#38
Carbon Tetrachloride
Concen: 5.529 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

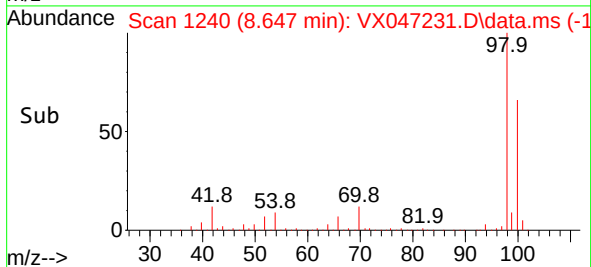
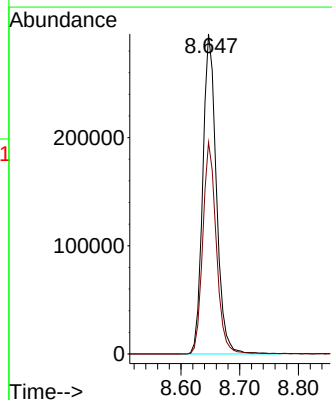
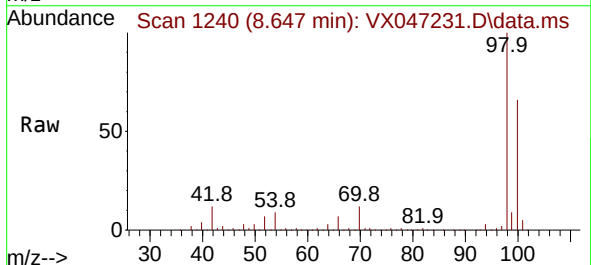


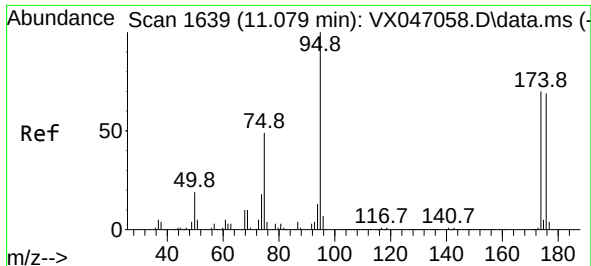
Tgt Ion:117 Resp: 27646
Ion Ratio Lower Upper
117 100
119 4.5 76.6 115.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 53.528 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Tgt Ion: 98 Resp: 476416
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9

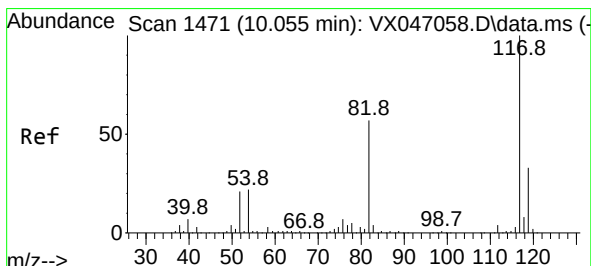
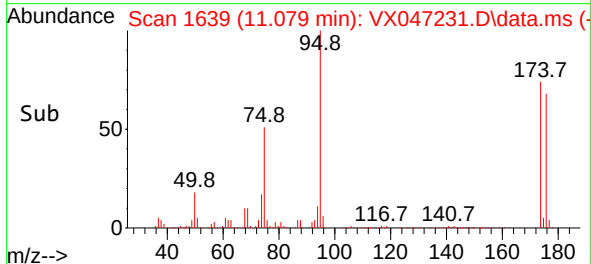
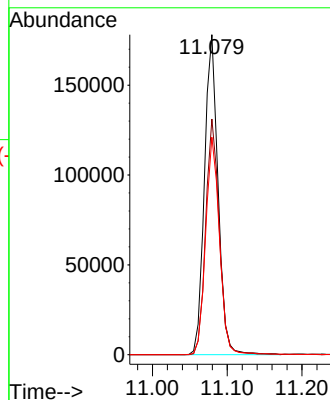
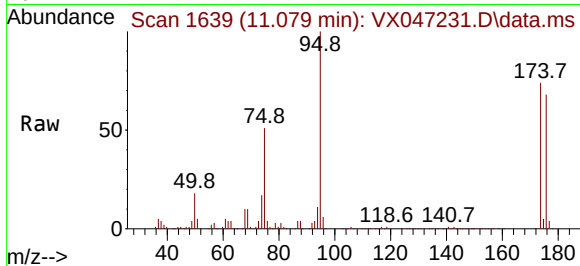




#62
4-Bromofluorobenzene
Concen: 58.741 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

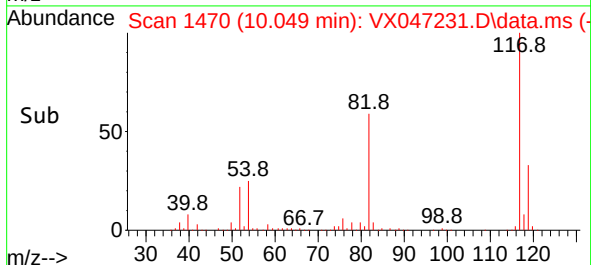
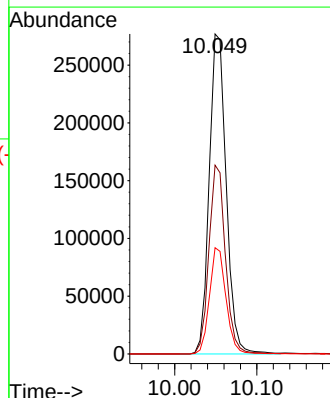
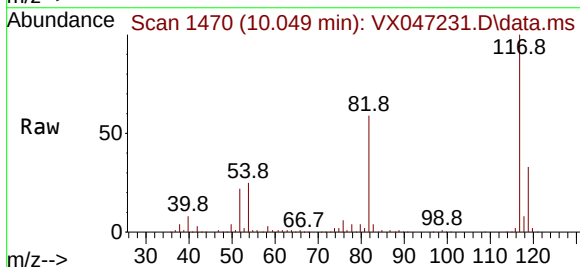
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

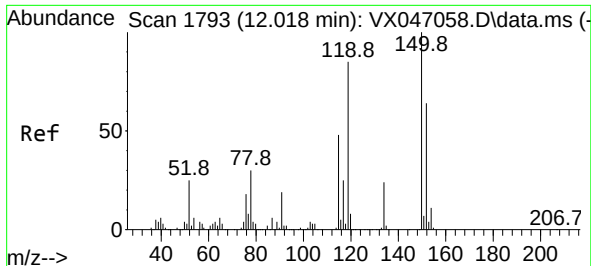
Tgt Ion: 95 Resp: 225302
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.6
176 69.3 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Tgt Ion: 117 Resp: 397332
Ion Ratio Lower Upper
117 100
82 59.0 45.4 68.2
119 33.2 26.1 39.1

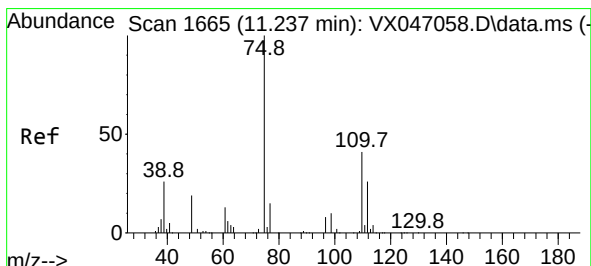
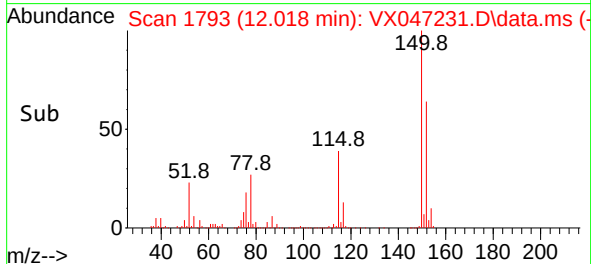
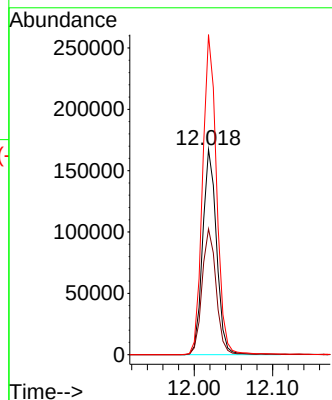
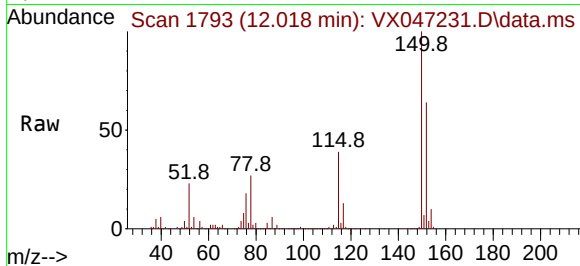




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

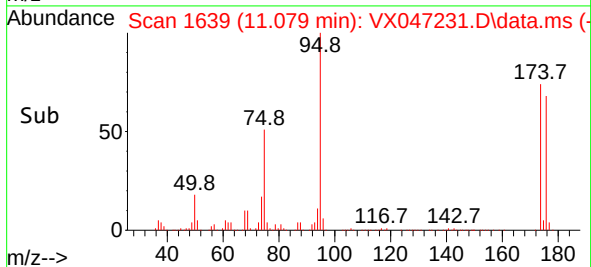
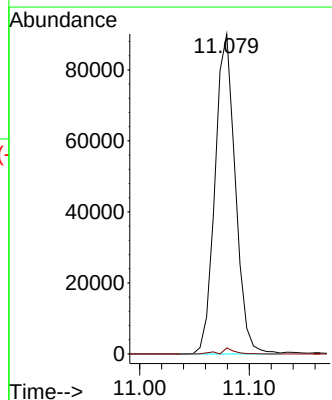
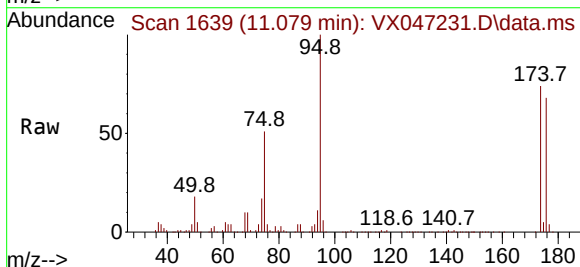
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

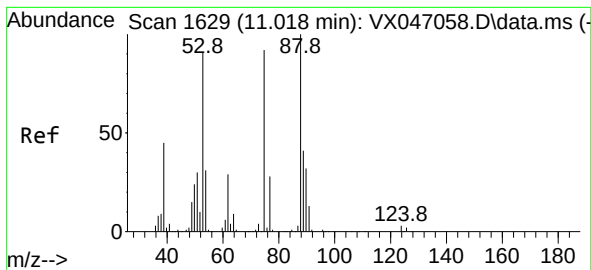
Tgt Ion:152 Resp: 206249
Ion Ratio Lower Upper
152 100
115 62.0 45.6 136.7
150 157.1 0.0 354.6



#76
1,2,3-Trichloropropane
Concen: 30.460 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Tgt Ion: 75 Resp: 116282
Ion Ratio Lower Upper
75 100
77 1.3 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.476 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047231.D
 Acq: 05 Aug 2025 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBL01

Tgt Ion: 75 Resp: 116282
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

