

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
 Data File : VX044588.D
 Acq On : 06 Jan 2025 12:23
 Operator : JC/MD
 Sample : Q1004-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-GW-803-805

Quant Time: Jan 06 16:03:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

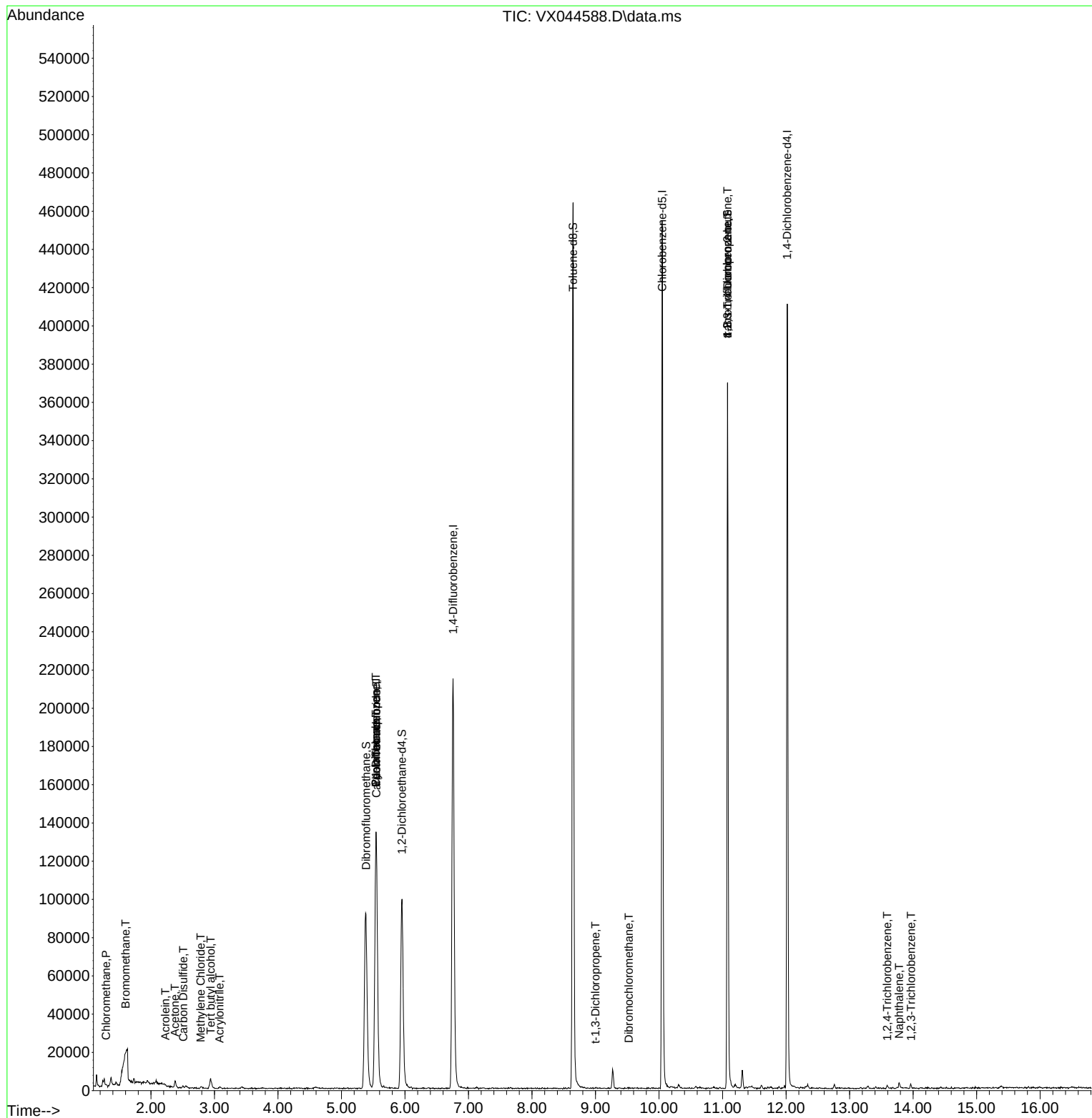
Internal Standards						
1) Pentafluorobenzene	5.544	168	129615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	201326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96511	42.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.940%		
35) Dibromofluoromethane	5.385	113	80820	52.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.140%		
50) Toluene-d8	8.647	98	281592	53.779	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.560%		
62) 4-Bromofluorobenzene	11.079	95	93611	51.164	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.320%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	705	0.368	ug/l #	51
5) Bromomethane	1.599	94	646	0.456	ug/l	87
11) Tert butyl alcohol	2.941	59	2798	8.736	ug/l #	73
13) Acrolein	2.227	56	163	0.352	ug/l #	72
15) Acrylonitrile	3.081	53	248	0.280	ug/l #	65
16) Acetone	2.380	43	3879	4.187	ug/l	98
17) Carbon Disulfide	2.508	76	1568	0.568	ug/l #	83
20) Methylene Chloride	2.782	84	433	0.249	ug/l #	90
31) Cyclohexane	5.544	56	2949	1.202	ug/l #	48
36) 1,1-Dichloropropene	5.544	75	10558	5.263	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13436	6.221	ug/l #	17
53) t-1,3-Dichloropropene	9.000	75	82	1.034	ug/l #	41
60) Dibromochloromethane	9.525	129	23	1.246	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	50671	26.265	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	50671	72.443	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.591	180	584	0.366	ug/l	85
95) Naphthalene	13.780	128	3240	0.520	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.969	180	670	0.396	ug/l	96

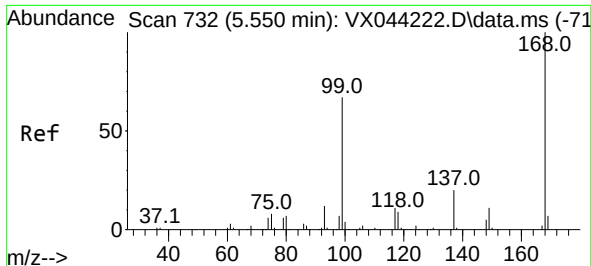
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-190A-GW-803-805

Quant Time: Jan 06 16:03:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

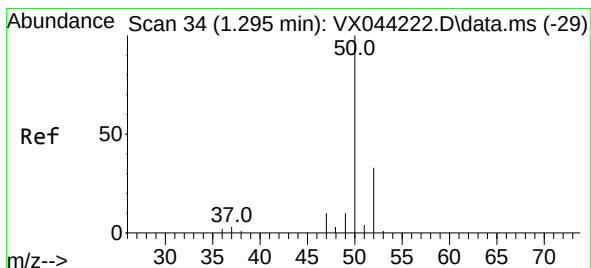
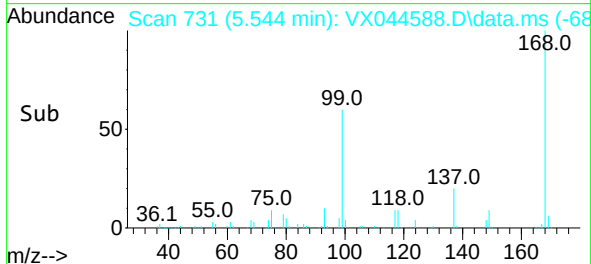
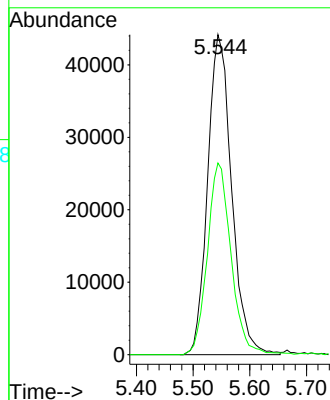
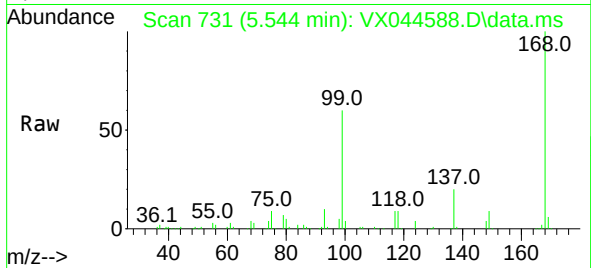




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

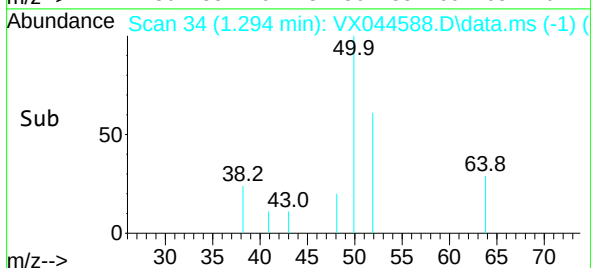
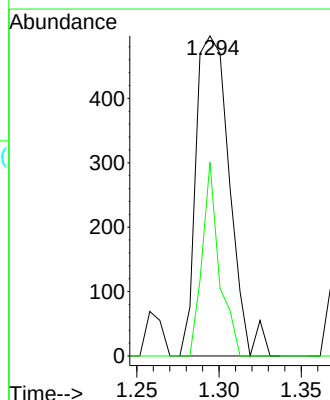
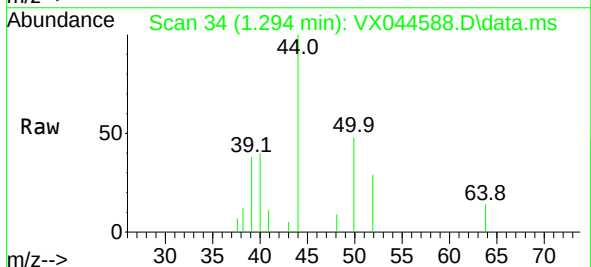
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-803-805

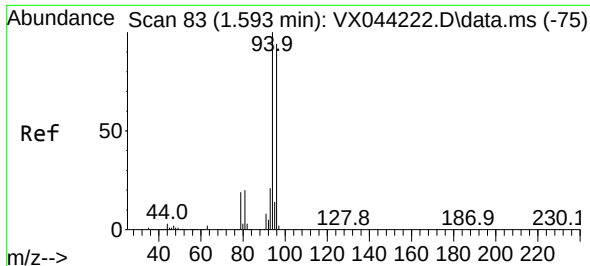
Tgt Ion:168 Resp: 129615
Ion Ratio Lower Upper
168 100
99 59.9 53.4 80.0



#3
Chloromethane
Concen: 0.368 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

Tgt Ion: 50 Resp: 705
Ion Ratio Lower Upper
50 100
52 60.6 26.5 39.7#

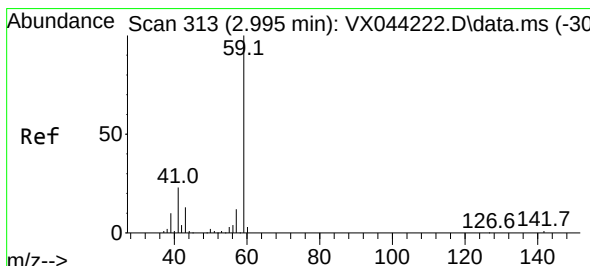
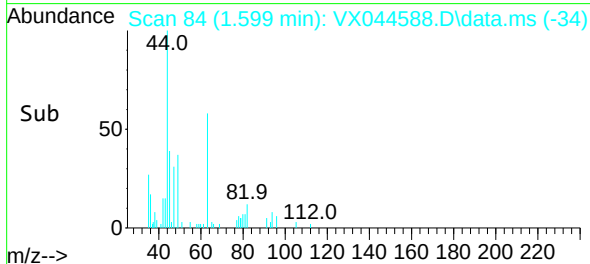
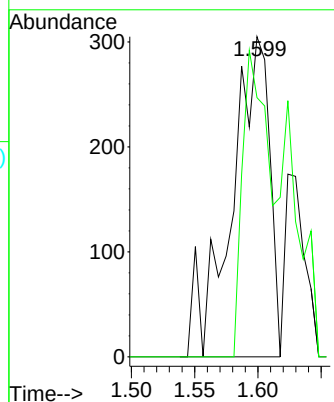
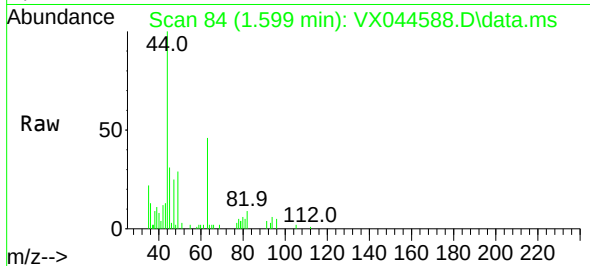




#5
Bromomethane
Concen: 0.456 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

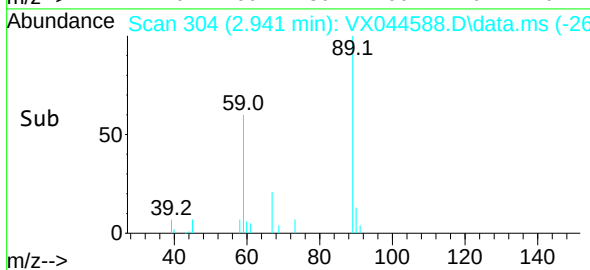
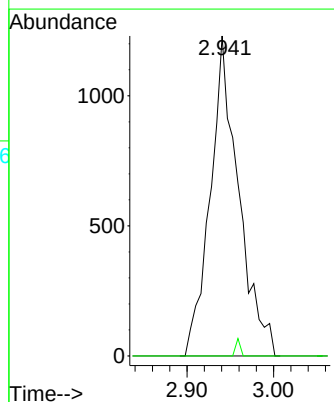
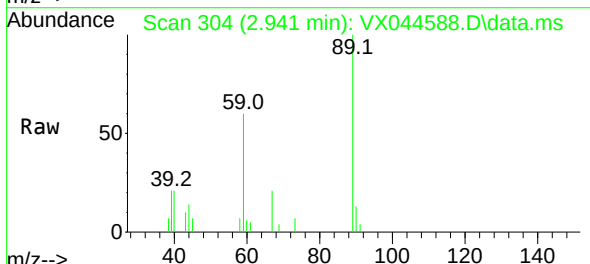
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-803-805

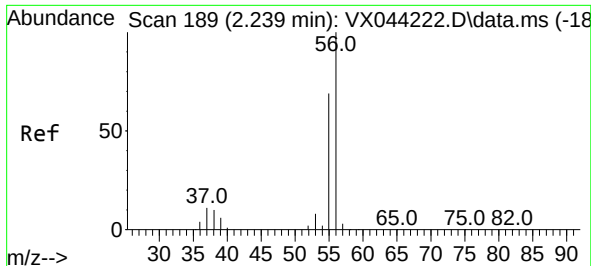
Tgt Ion: 94 Resp: 646
Ion Ratio Lower Upper
94 100
96 81.0 74.9 112.3



#11
Tert butyl alcohol
Concen: 8.736 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

Tgt Ion: 59 Resp: 2798
Ion Ratio Lower Upper
59 100
57 0.9 8.8 13.2#

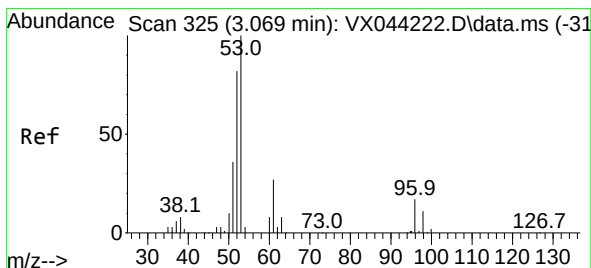
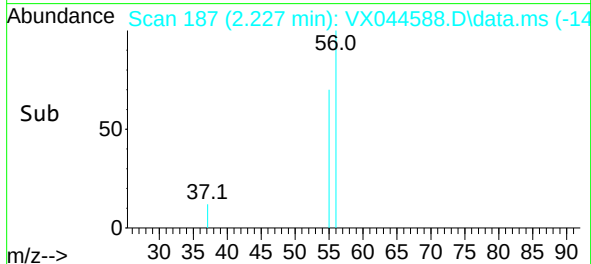
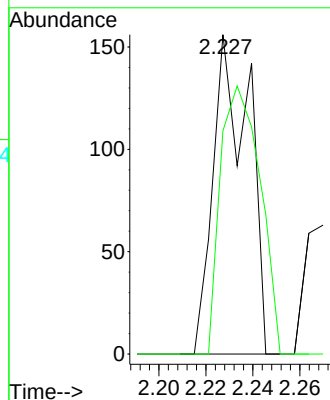
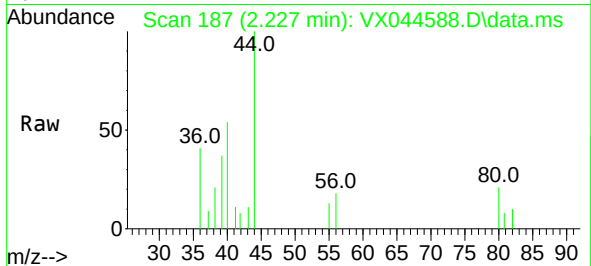




#13
Acrolein
Concen: 0.352 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

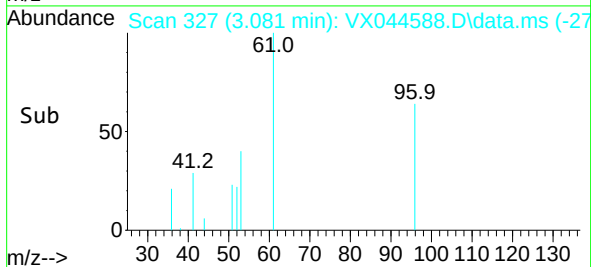
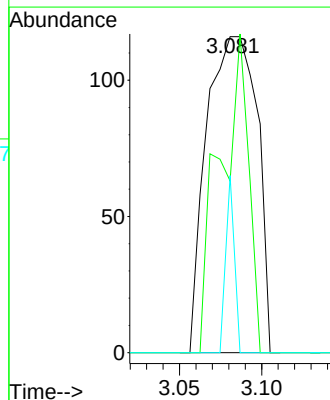
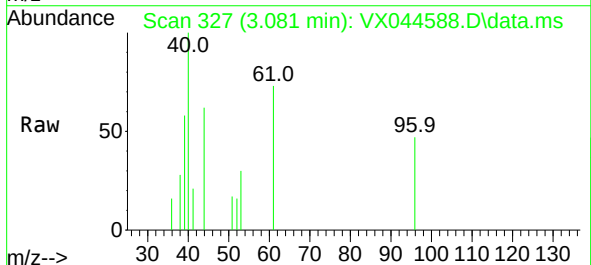
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-803-805

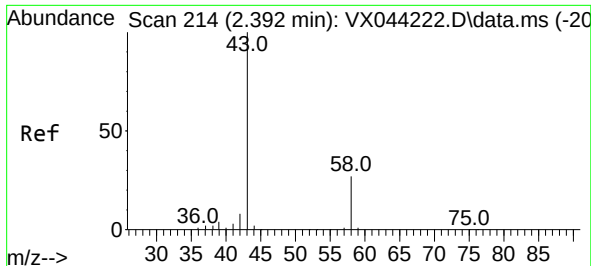
Tgt Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
55 93.9 56.6 84.8#



#15
Acrylonitrile
Concen: 0.280 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.012 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

Tgt Ion: 53 Resp: 248
Ion Ratio Lower Upper
53 100
52 57.3 67.4 101.0#
51 9.7 30.3 45.5#

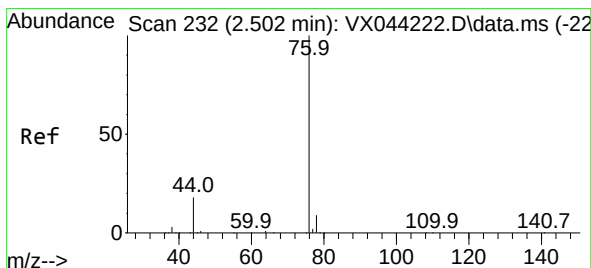
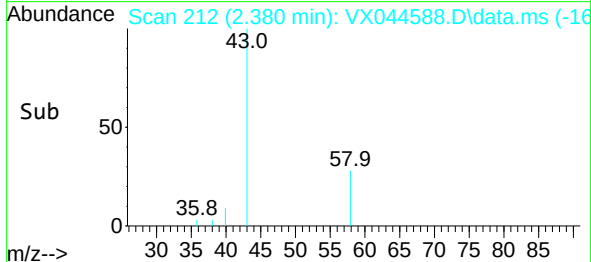
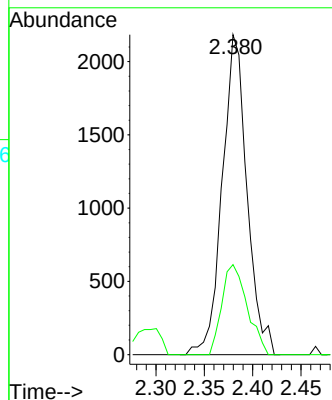
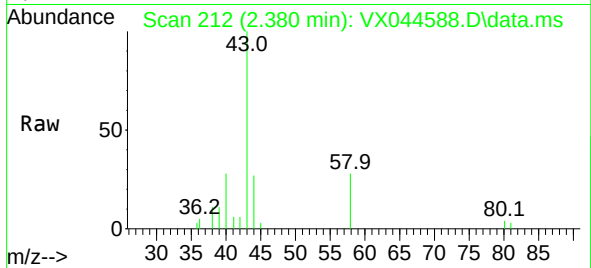




#16
Acetone
Concen: 4.187 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

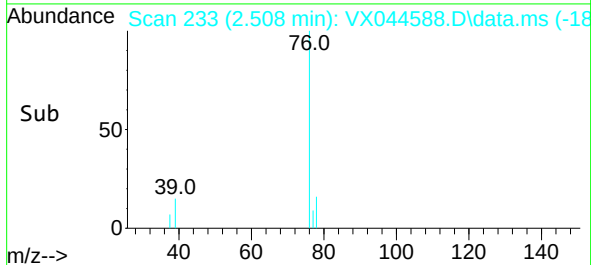
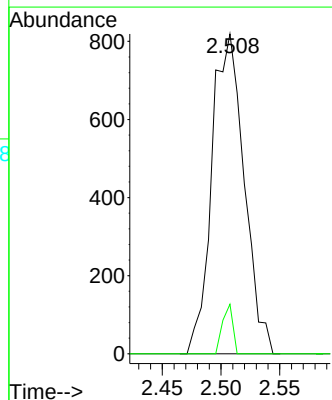
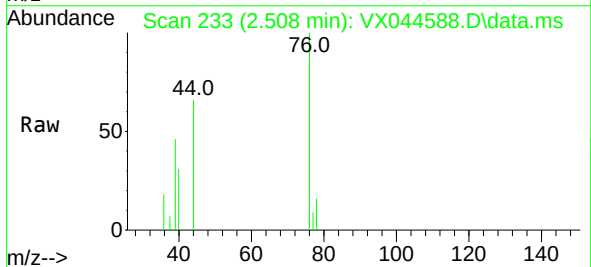
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-803-805

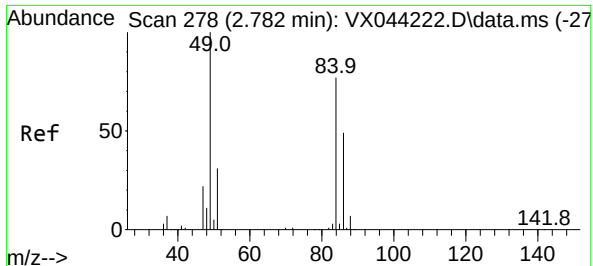
Tgt Ion: 43 Resp: 3879
Ion Ratio Lower Upper
43 100
58 28.1 21.6 32.4



#17
Carbon Disulfide
Concen: 0.568 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

Tgt Ion: 76 Resp: 1568
Ion Ratio Lower Upper
76 100
78 15.5 7.4 11.0#

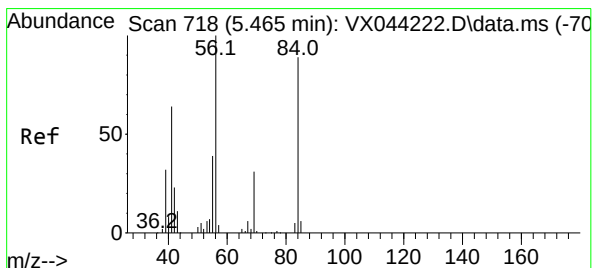
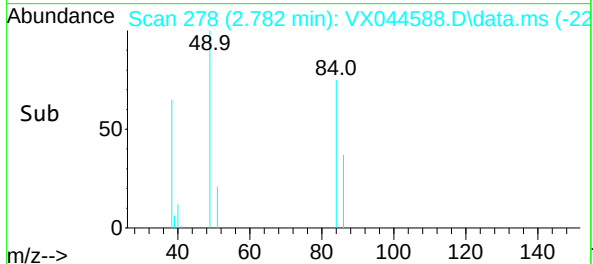
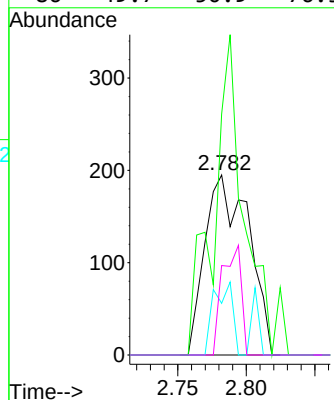
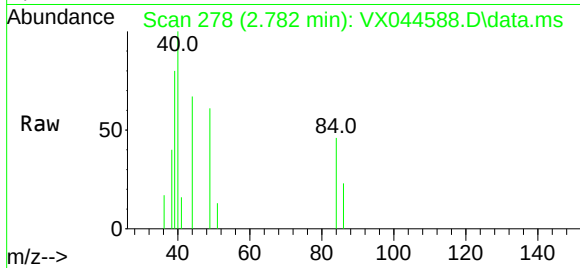




#20
Methylene Chloride
Concen: 0.249 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

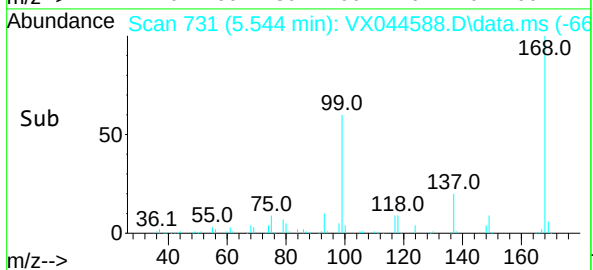
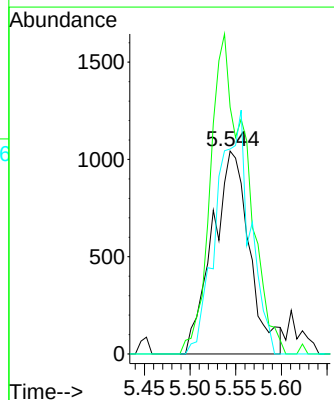
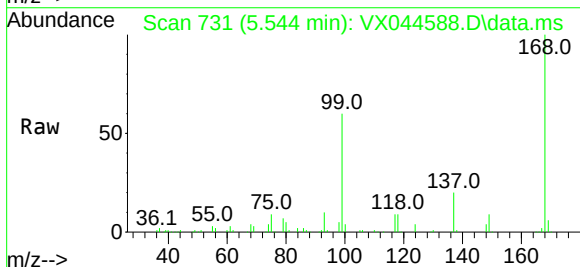
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MSVOA_X
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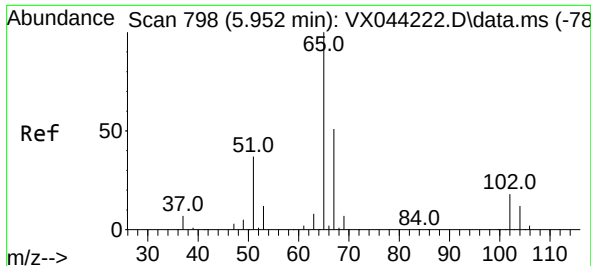
Tgt Ion:	84	Resp:	433
Ion	Ratio	Lower	Upper
84	100		
49	133.8	104.2	156.4
51	28.7	32.2	48.4#
86	49.7	50.9	76.3#



#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

Tgt Ion:	56	Resp:	2949
Ion	Ratio	Lower	Upper
56	100		
69	121.7	24.7	37.1#
84	101.1	71.0	106.6

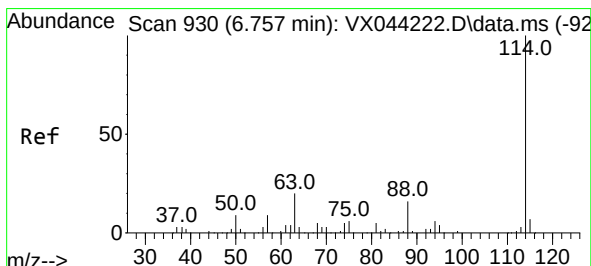
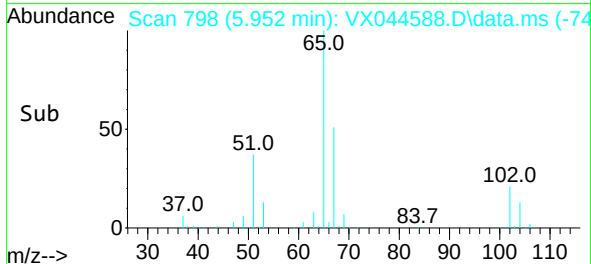
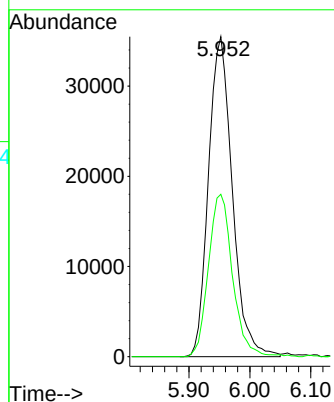
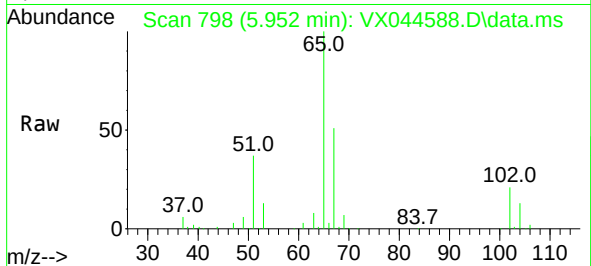




#33
 1,2-Dichloroethane-d4
 Concen: 42.468 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX044588.D
 Acq: 06 Jan 2025 12:23

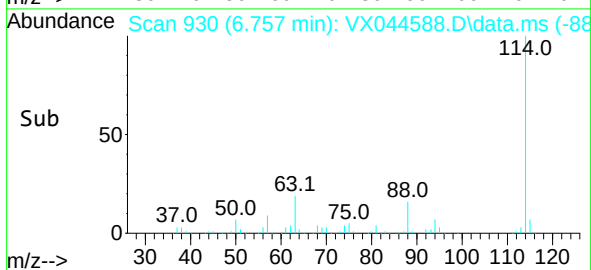
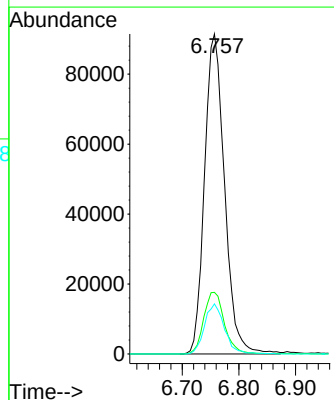
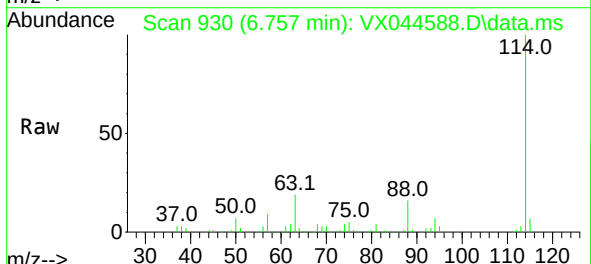
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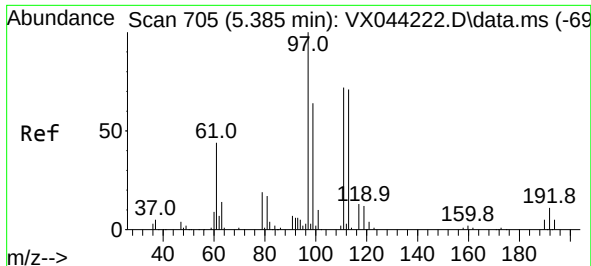
Tgt Ion: 65 Resp: 96511
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044588.D
 Acq: 06 Jan 2025 12:23

Tgt Ion: 114 Resp: 224090
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.6
 88 15.6 0.0 31.8

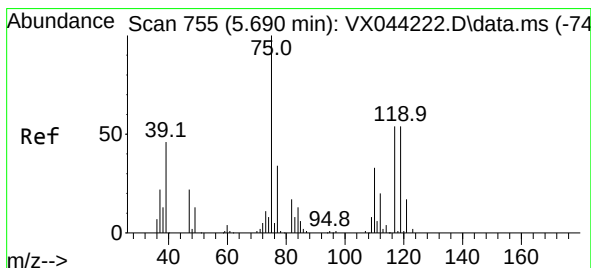
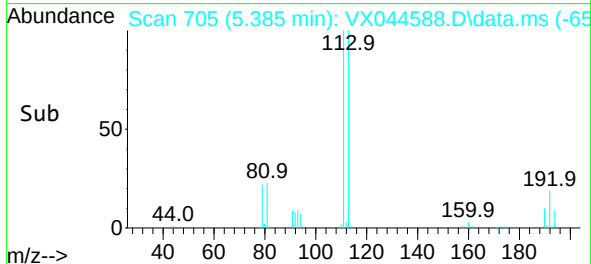
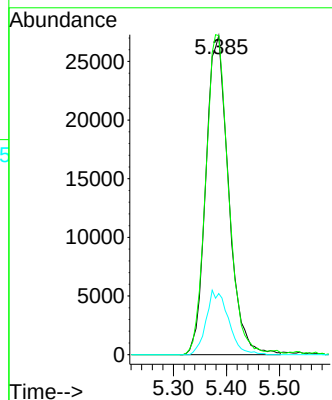
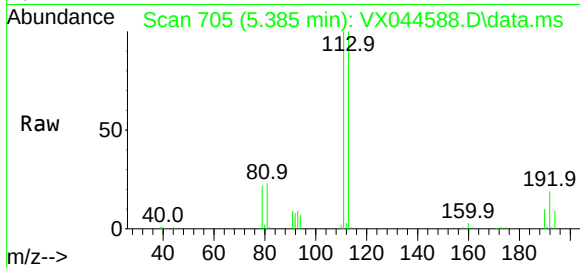




#35
Dibromofluoromethane
Concen: 52.074 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

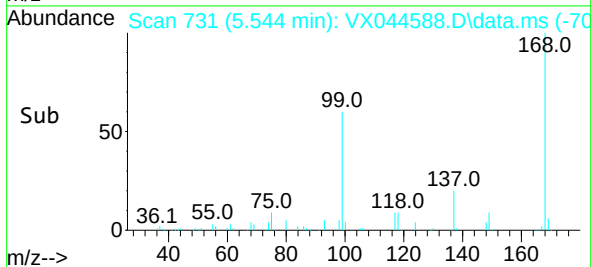
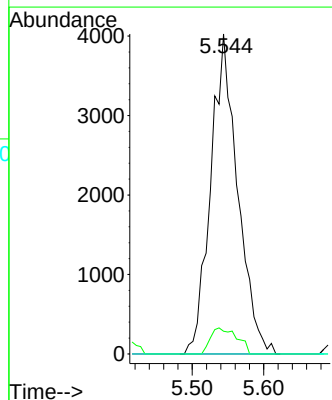
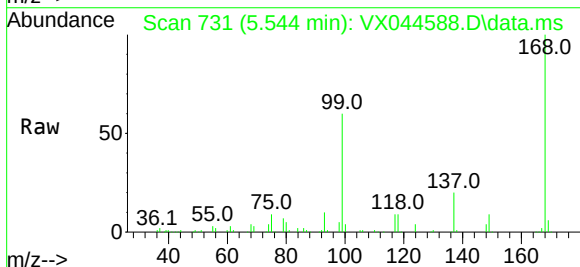
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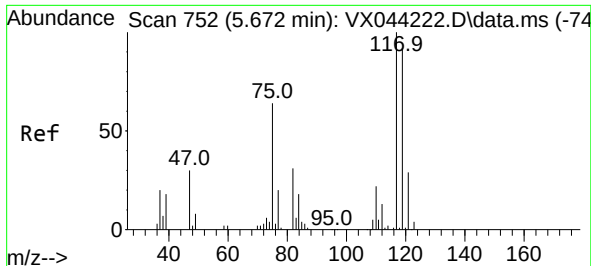
Tgt Ion:113 Resp: 80820
Ion Ratio Lower Upper
113 100
111 100.4 80.4 120.6
192 19.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.263 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

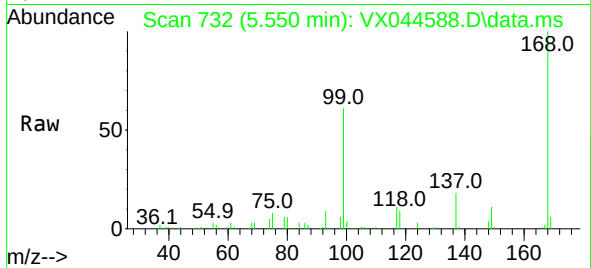
Tgt Ion: 75 Resp: 10558
Ion Ratio Lower Upper
75 100
110 8.0 17.3 51.7#
77 0.0 25.4 38.0#



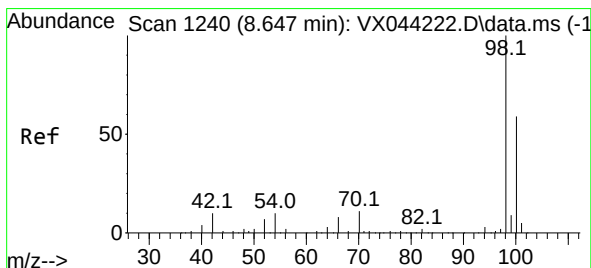
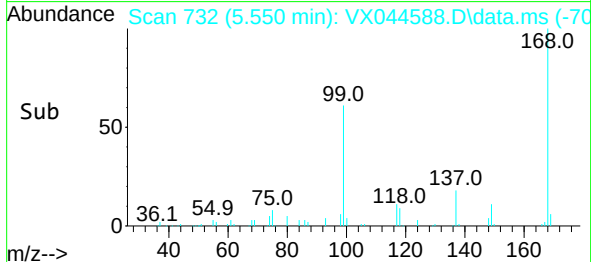
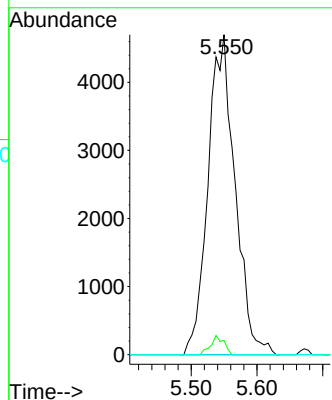


#38
Carbon Tetrachloride
Concen: 6.221 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
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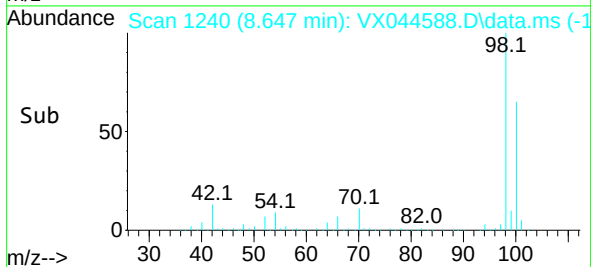
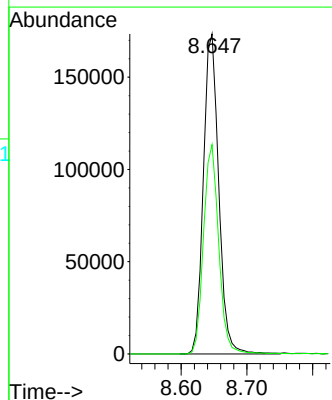
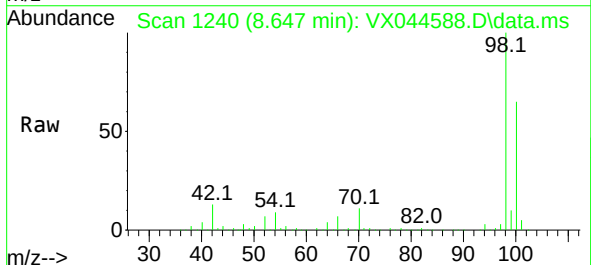


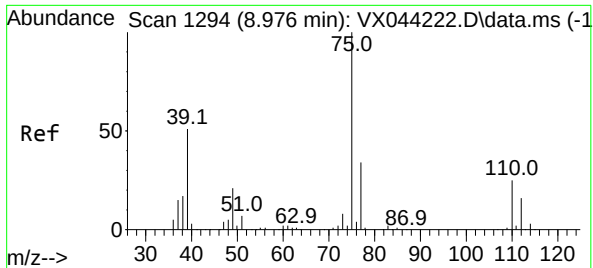
Tgt Ion:117 Resp: 13436
Ion Ratio Lower Upper
117 100
119 4.4 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 53.779 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

Tgt Ion: 98 Resp: 281592
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3

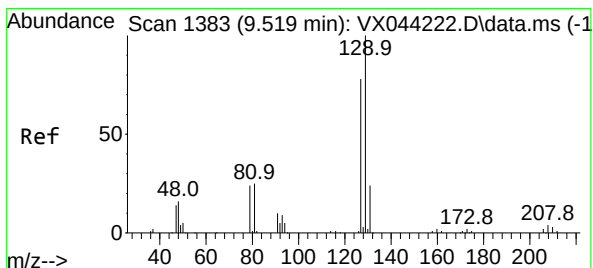
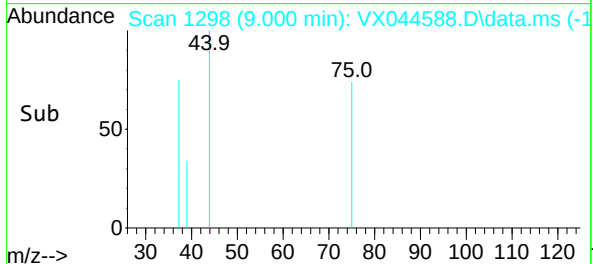
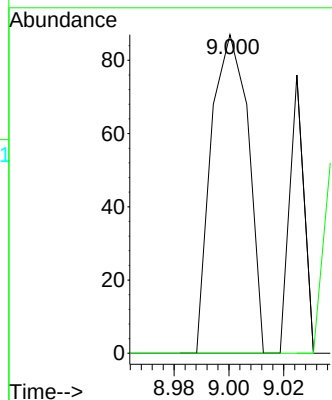
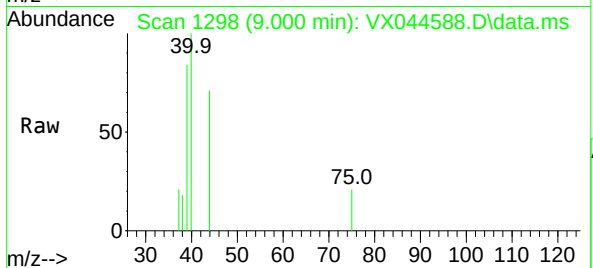




#53
t-1,3-Dichloropropene
Concen: 1.034 ug/l
RT: 9.000 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

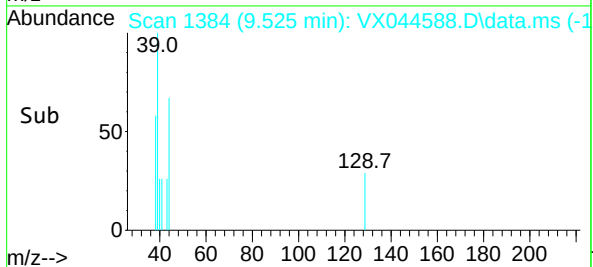
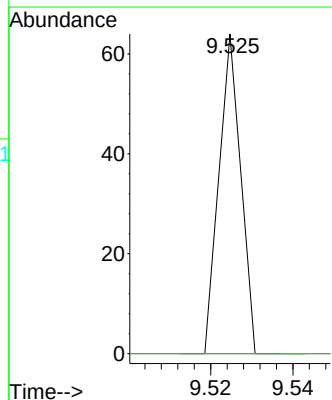
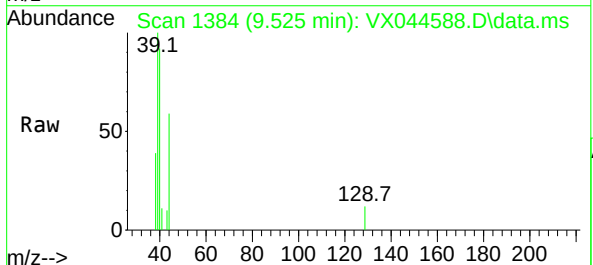
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-803-805

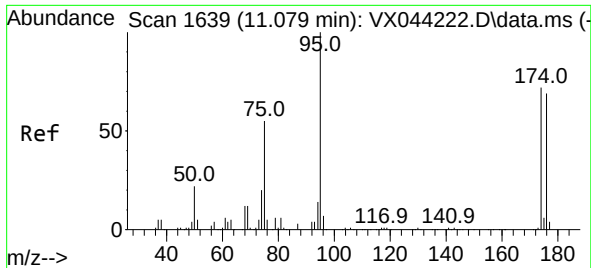
Tgt Ion: 75 Resp: 82
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#



#60
Dibromochloromethane
Concen: 1.246 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

Tgt Ion:129 Resp: 23
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

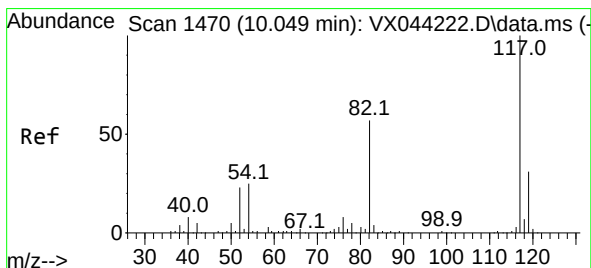
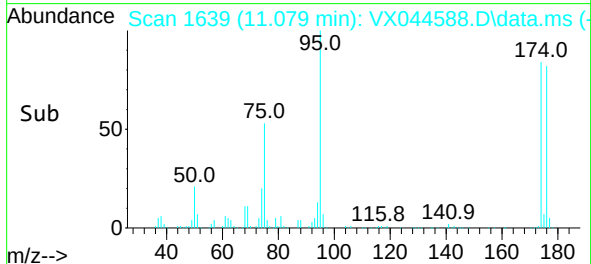
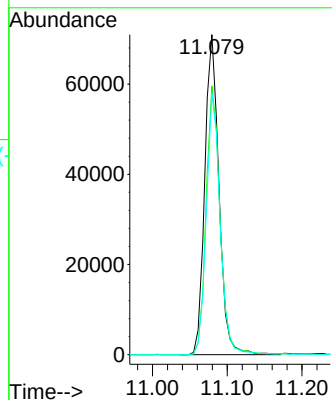
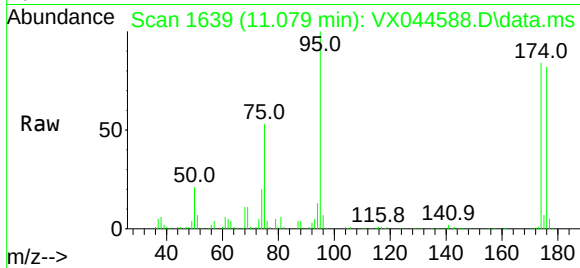




#62
4-Bromofluorobenzene
Concen: 51.164 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

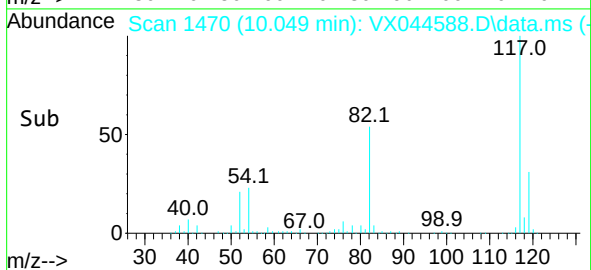
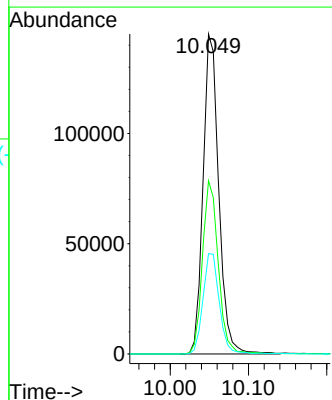
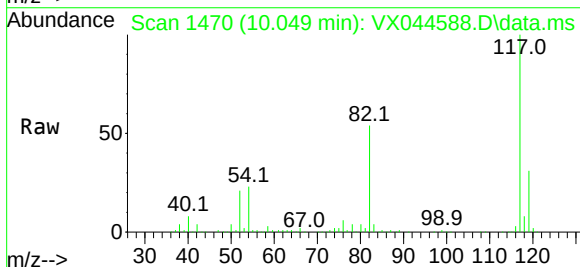
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-803-805

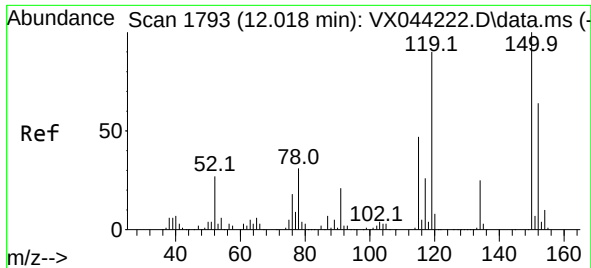
Tgt Ion: 95 Resp: 93611
Ion Ratio Lower Upper
95 100
174 83.0 0.0 145.8
176 79.5 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

Tgt Ion: 117 Resp: 201326
Ion Ratio Lower Upper
117 100
82 54.2 45.8 68.8
119 31.4 25.0 37.4

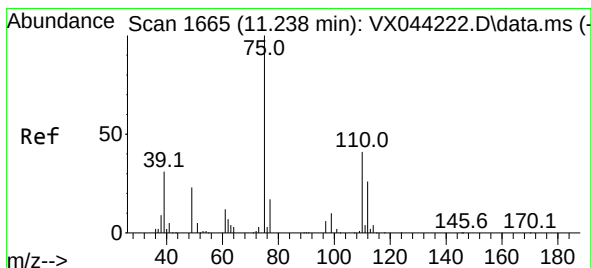
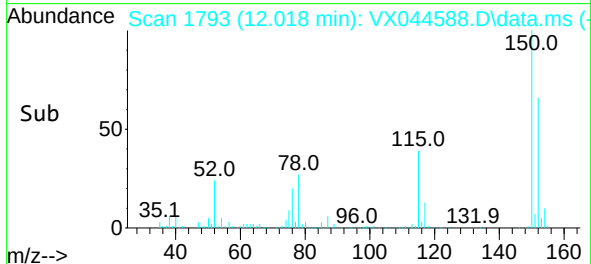
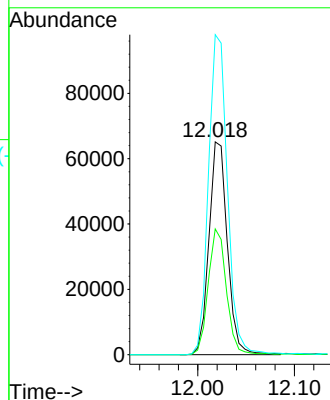
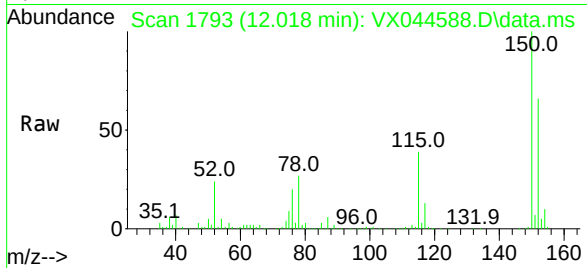




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

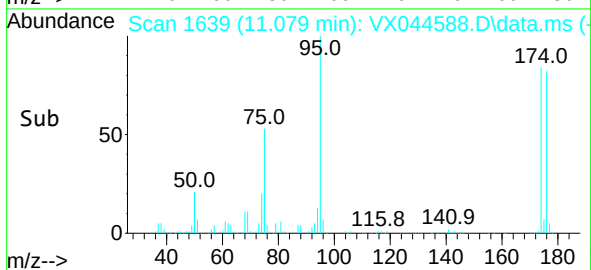
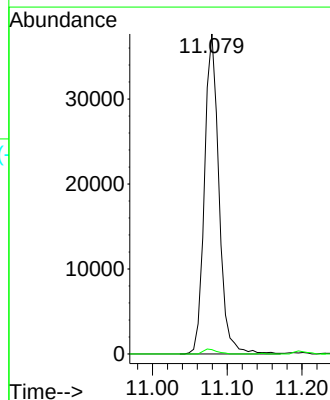
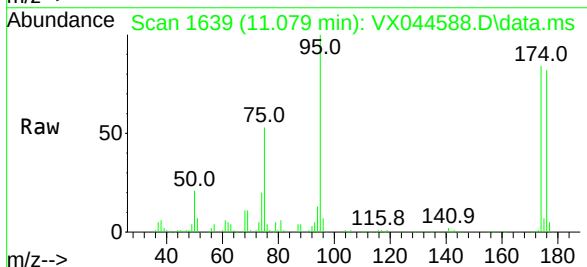
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-803-805

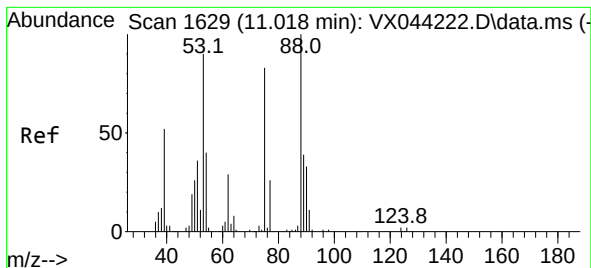
Tgt Ion:152 Resp: 86406
Ion Ratio Lower Upper
152 100
115 58.5 44.5 133.3
150 154.4 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 26.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

Tgt Ion: 75 Resp: 50671
Ion Ratio Lower Upper
75 100
77 1.4 20.9 62.7#

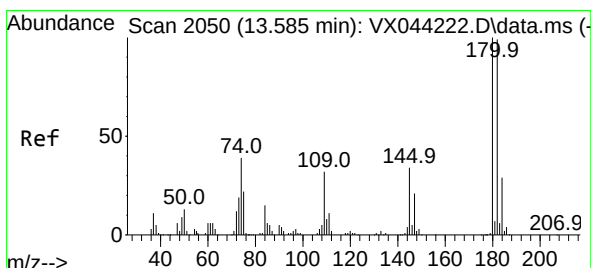
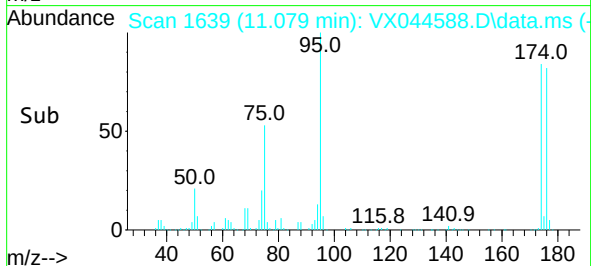
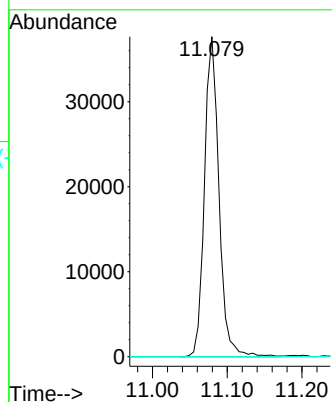
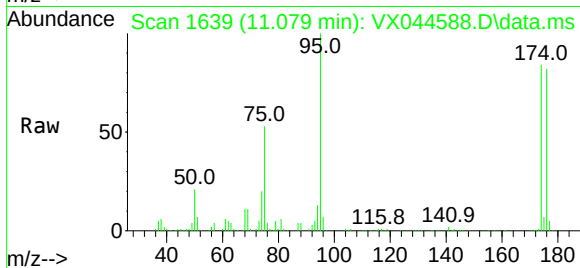




#81
trans-1,4-Dichloro-2-butene
Concen: 72.443 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

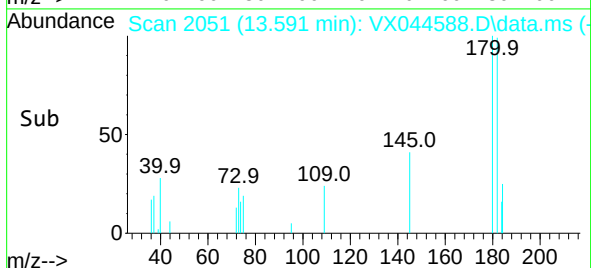
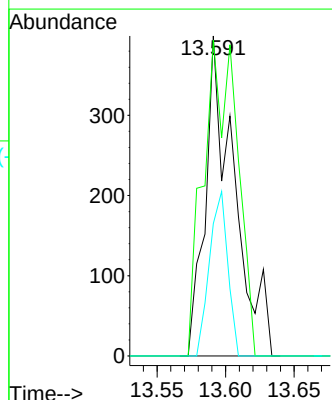
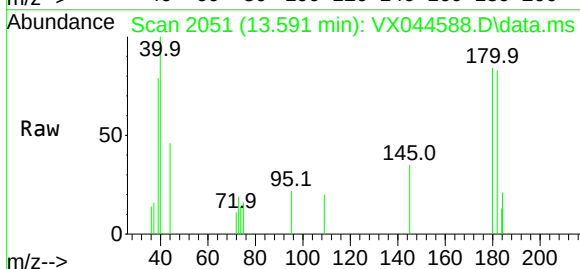
Instrument :
MSVOA_X
ClientSampleId :
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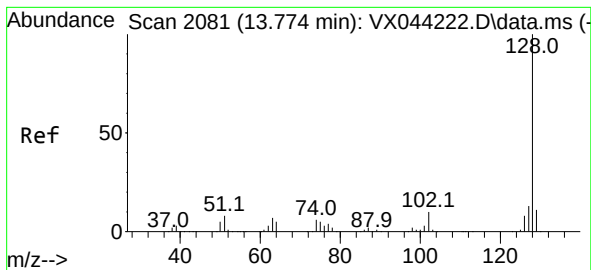
Tgt Ion: 75 Resp: 50671
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.366 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044588.D
Acq: 06 Jan 2025 12:23

Tgt Ion: 180 Resp: 584
Ion Ratio Lower Upper
180 100
182 115.8 48.0 144.2
145 32.5 16.6 49.7





#95

Naphthalene

Concen: 0.520 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044588.D

Acq: 06 Jan 2025 12:23

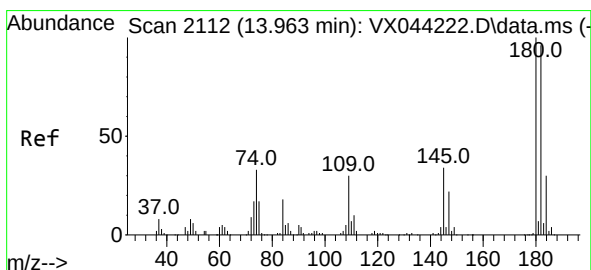
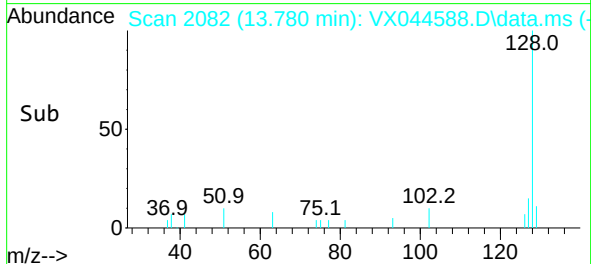
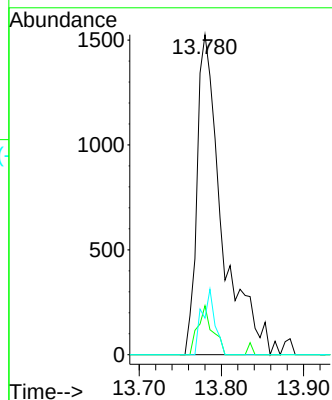
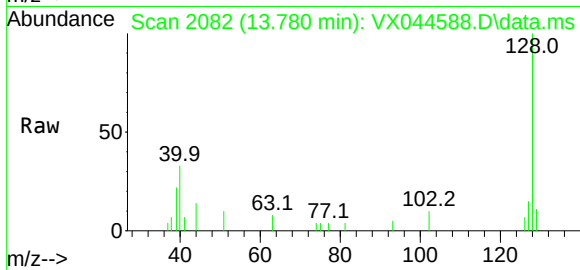
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190A-GW-803-805

Tgt Ion:128	Resp:	3240
Ion	Ratio	Lower Upper
128	100	
127	9.0	10.5 15.7#
129	10.4	9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 0.396 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX044588.D

Acq: 06 Jan 2025 12:23

Tgt Ion:180	Resp:	670
Ion	Ratio	Lower Upper
180	100	
182	92.4	48.0 144.0
145	37.6	17.7 53.1

