

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044621.D
 Acq On : 08 Jan 2025 12:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 00:27:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	176700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	324894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	296033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	129935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	145140	50.943	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.880%
35) Dibromofluoromethane	5.385	113	102400	45.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.920%
50) Toluene-d8	8.647	98	389814	51.225	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.440%
62) 4-Bromofluorobenzene	11.079	95	138018	51.384	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.760%

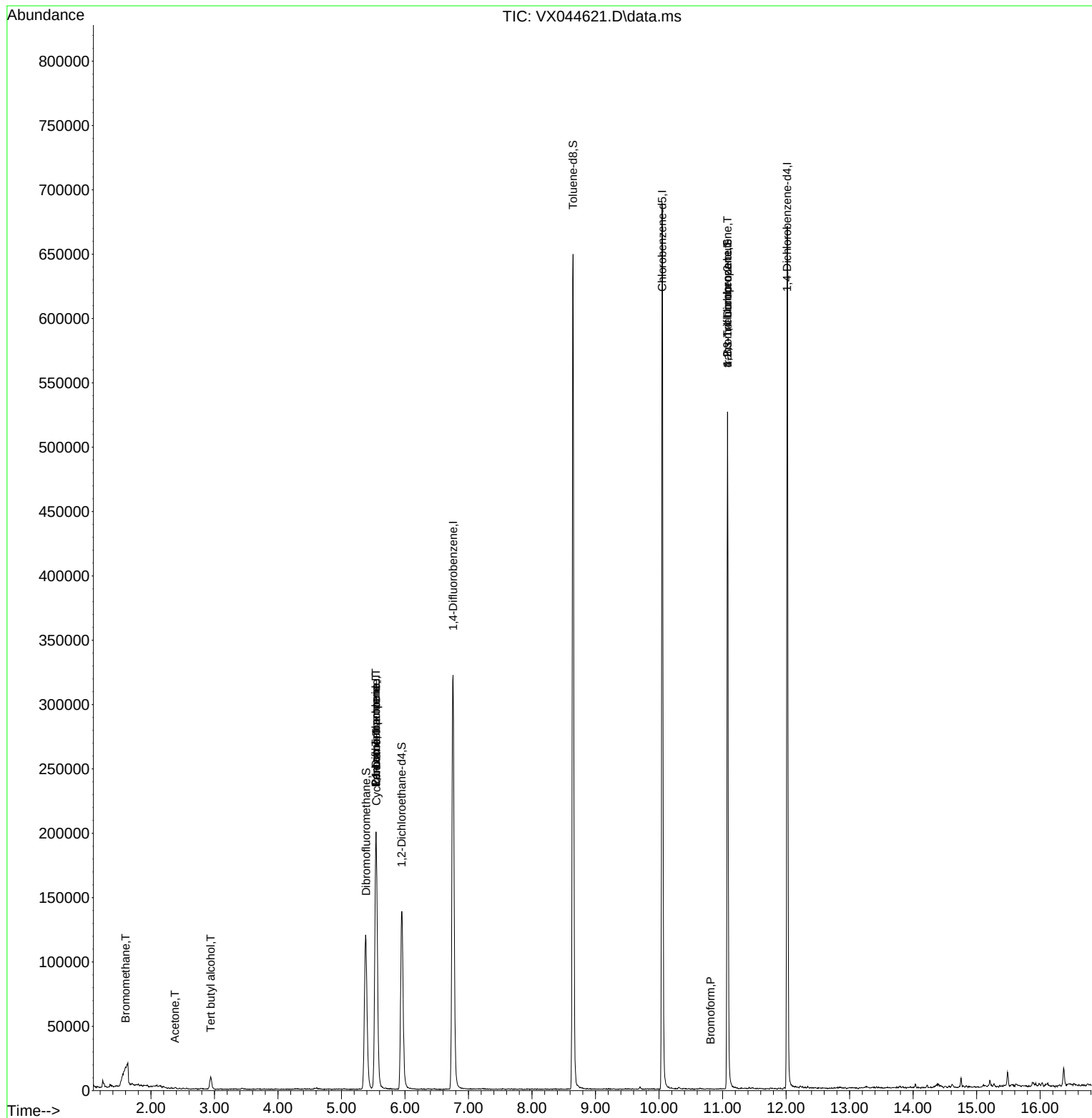
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	275	0.222	ug/l #	63
11) Tert butyl alcohol	2.940	59	5407	15.412	ug/l #	73
16) Acetone	2.380	43	1039	1.157	ug/l #	69
31) Cyclohexane	5.550	56	4528	1.400	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	16220	5.630	ug/l #	47
38) Carbon Tetrachloride	5.544	117	20765	6.497	ug/l #	16
71) Bromoform	10.811	173	94	0.678	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	78107	29.987	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	78107	91.280	ug/l #	4

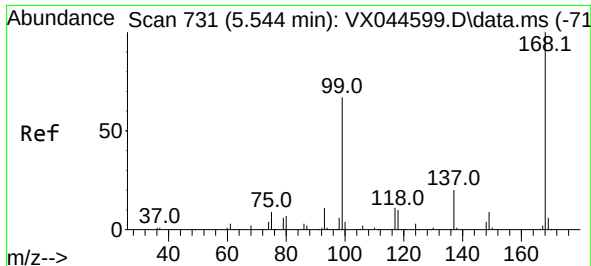
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
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Sample : IBLK
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MSVOA_X
ClientSampleId :

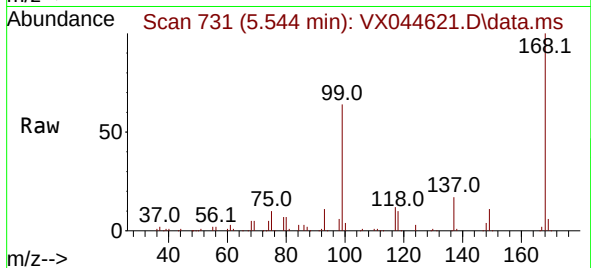
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration



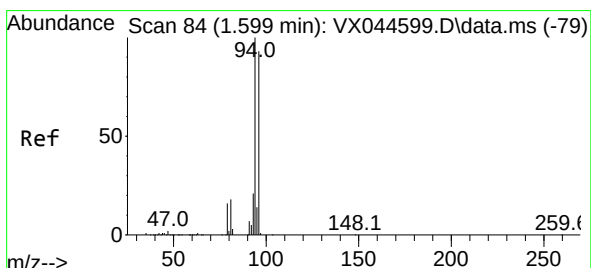
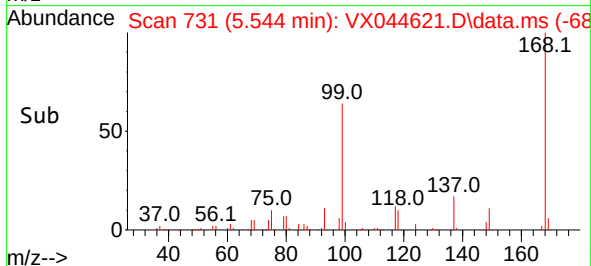
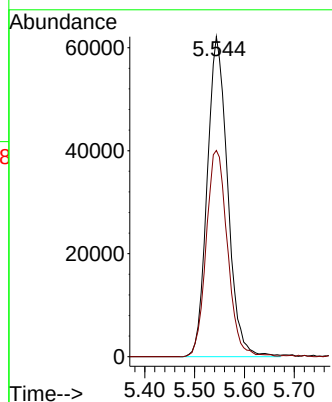


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

Instrument :
MSVOA_X
ClientSampleId :

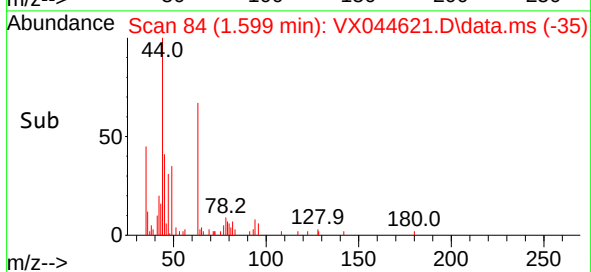
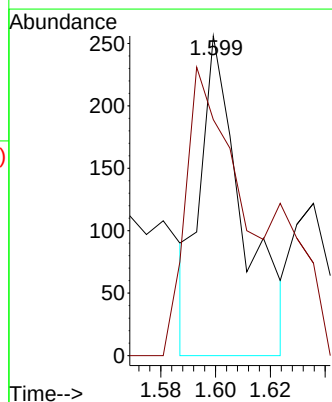
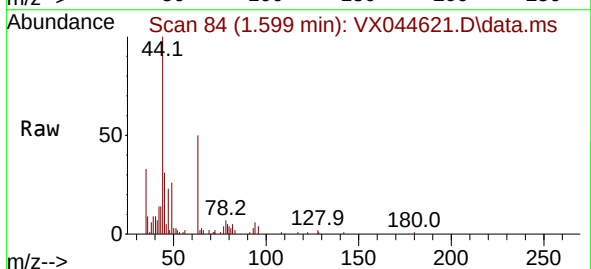


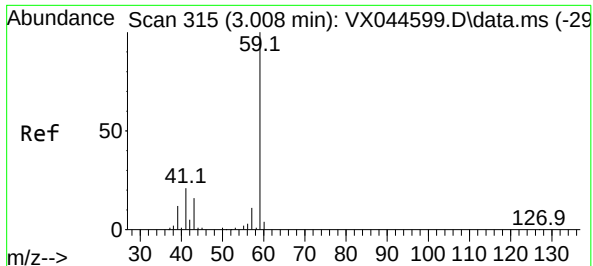
Tgt Ion:168 Resp: 176700
Ion Ratio Lower Upper
168 100
99 64.5 53.5 80.3



#5
Bromomethane
Concen: 0.222 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 58.2 74.6 112.0#





#11

Tert butyl alcohol

Concen: 15.412 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX044621.D

Acq: 08 Jan 2025 12:33

Instrument :

MSVOA_X

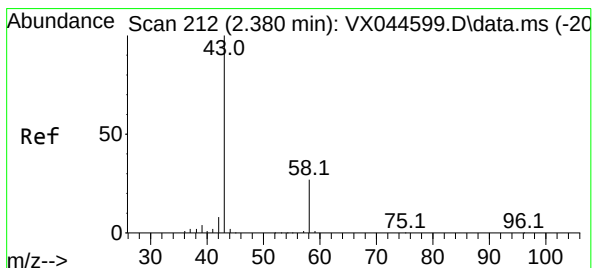
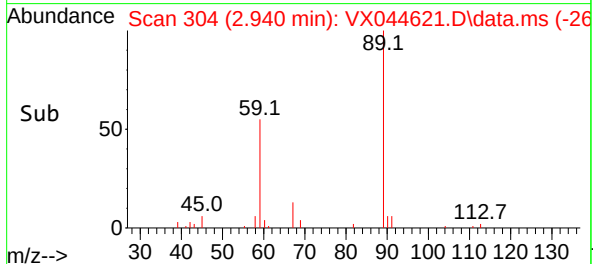
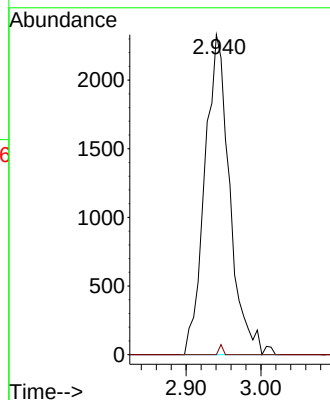
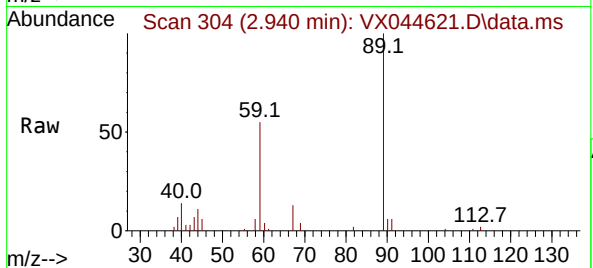
ClientSampleId :

Tgt Ion: 59 Resp: 5407

Ion Ratio Lower Upper

59 100

57 0.5 8.6 12.8#



#16

Acetone

Concen: 1.157 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044621.D

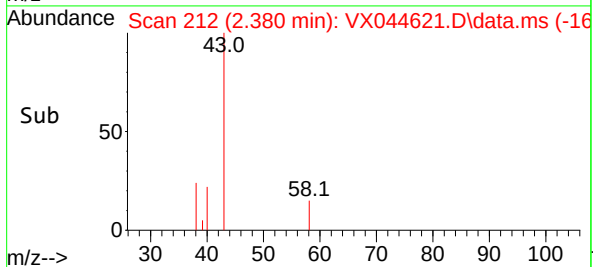
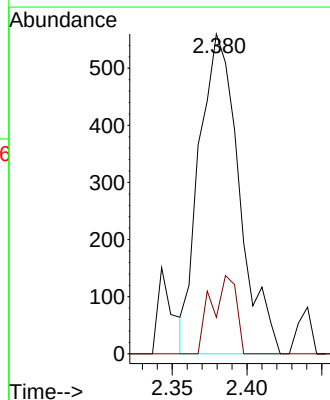
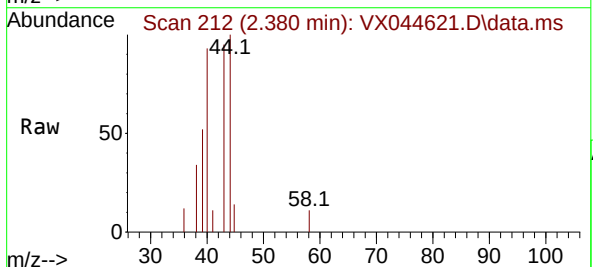
Acq: 08 Jan 2025 12:33

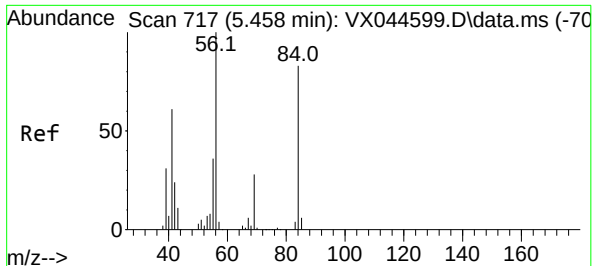
Tgt Ion: 43 Resp: 1039

Ion Ratio Lower Upper

43 100

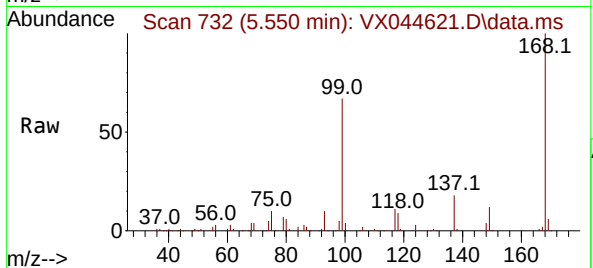
58 11.4 22.0 33.0#



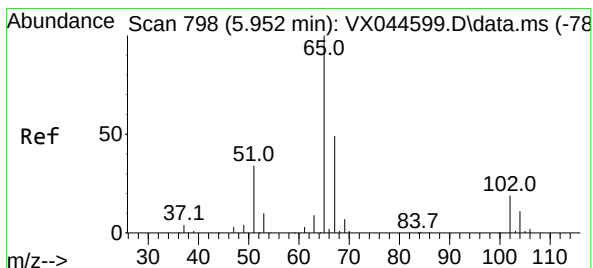
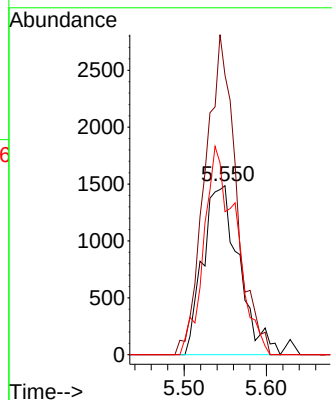
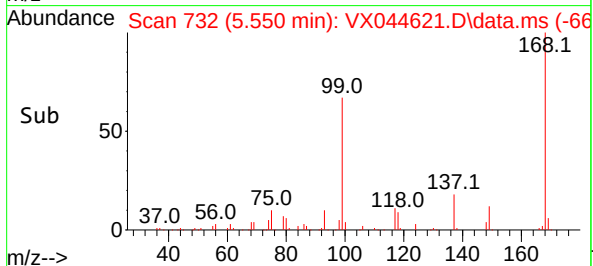


#31
Cyclohexane
Concen: 1.400 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

Instrument :
MSVOA_X
ClientSampleId :

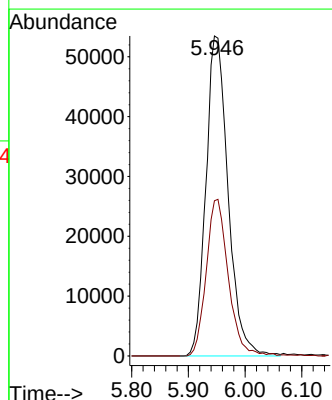
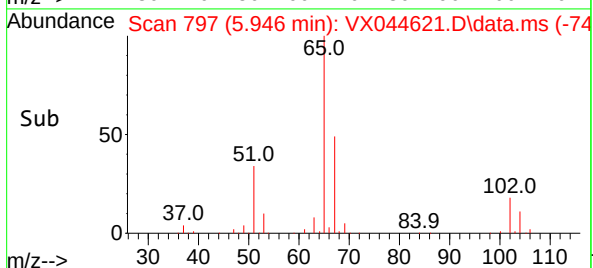
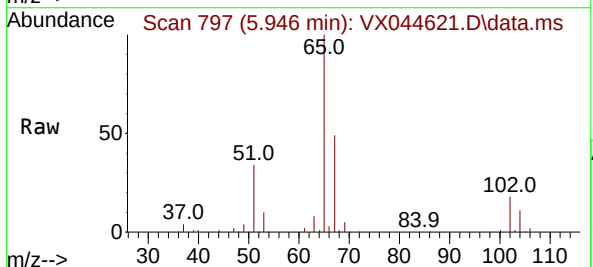


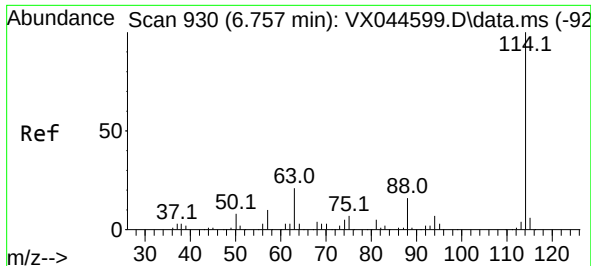
Tgt Ion: 56 Resp: 4528
Ion Ratio Lower Upper
56 100
69 165.5 22.2 33.4#
84 84.6 66.6 100.0



#33
1,2-Dichloroethane-d4
Concen: 50.943 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

Tgt Ion: 65 Resp: 145140
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

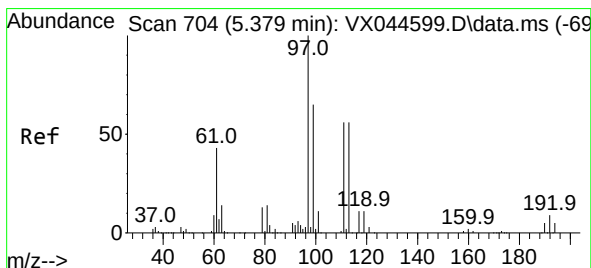
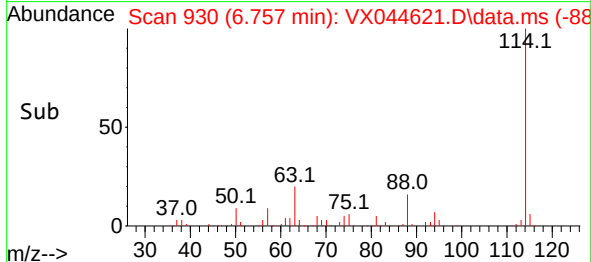
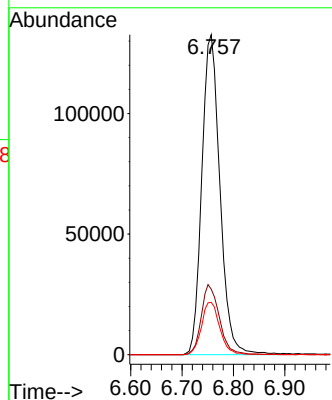
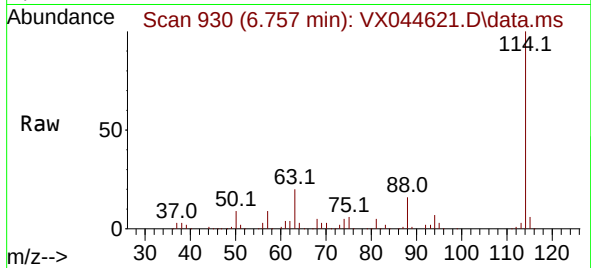




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

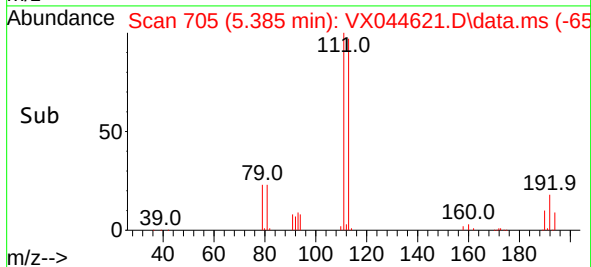
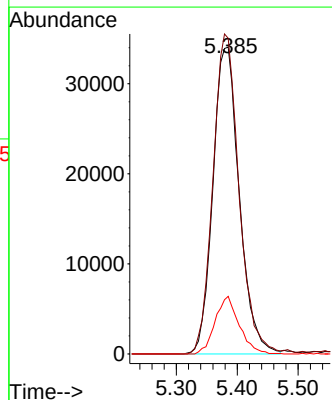
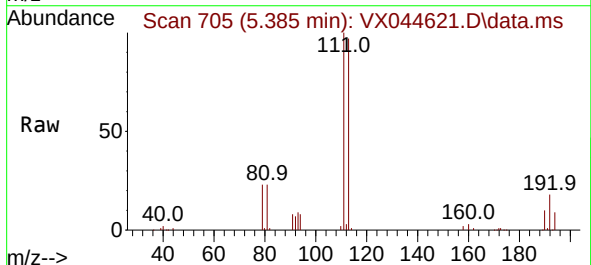
Instrument :
MSVOA_X
ClientSampleId :

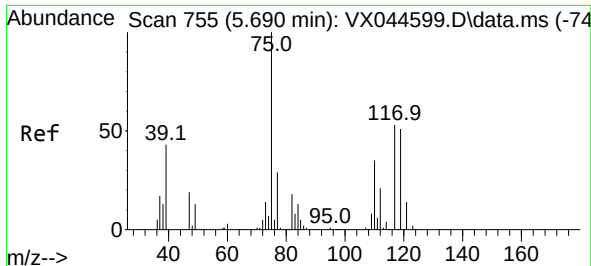
Tgt Ion:114 Resp: 324894
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 16.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.964 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

Tgt Ion:113 Resp: 102400
Ion Ratio Lower Upper
113 100
111 102.8 83.3 124.9
192 17.1 14.3 21.5

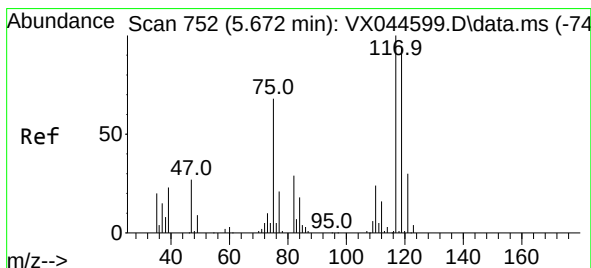
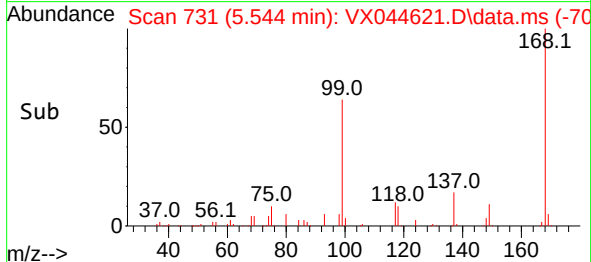
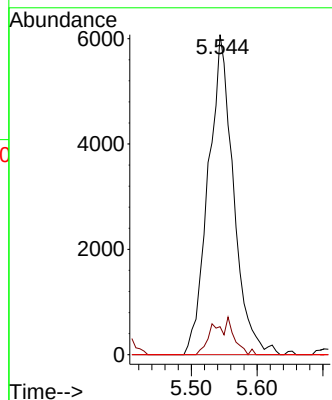
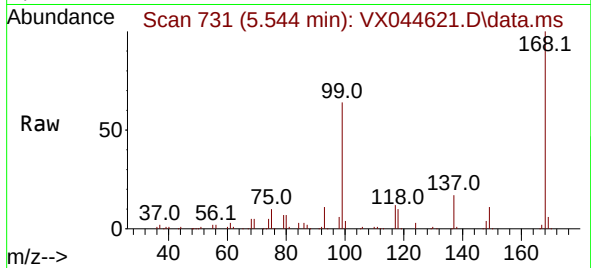




#36
1,1-Dichloropropene
Concen: 5.630 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

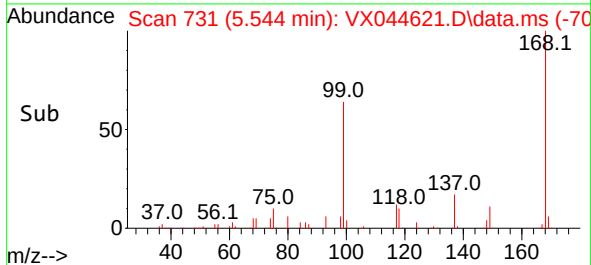
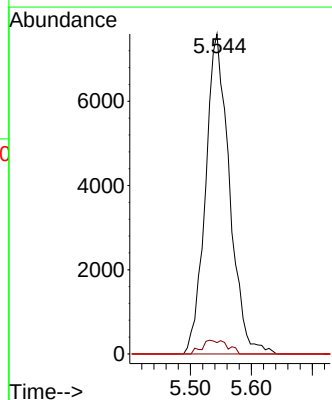
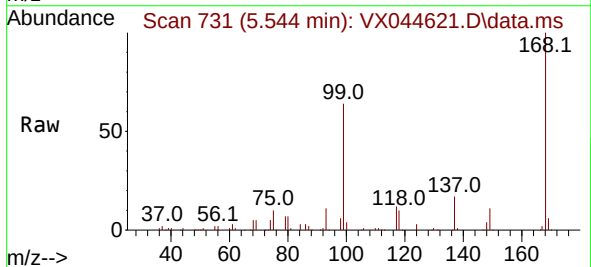
Instrument :
MSVOA_X
ClientSampleId :

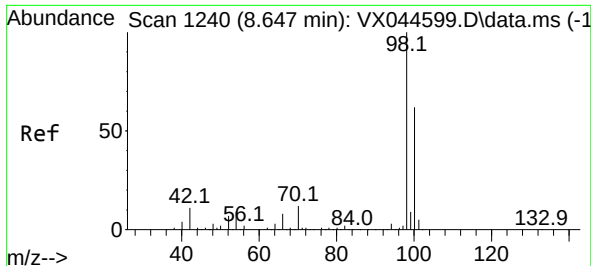
Tgt Ion: 75 Resp: 16220
Ion Ratio Lower Upper
75 100
110 5.8 17.3 51.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.497 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

Tgt Ion: 117 Resp: 20765
Ion Ratio Lower Upper
117 100
119 3.5 74.5 111.7#
121 0.0 24.1 36.1#

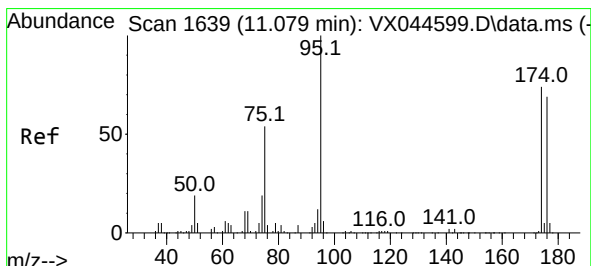
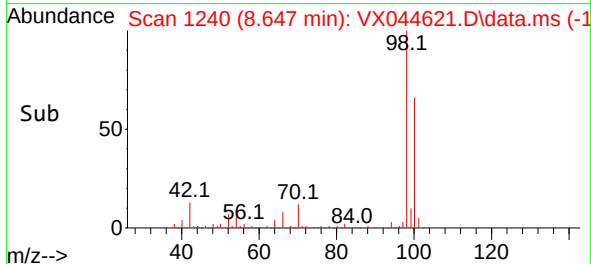
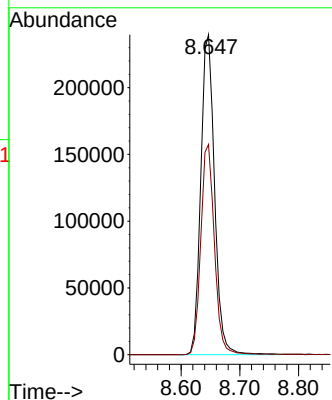
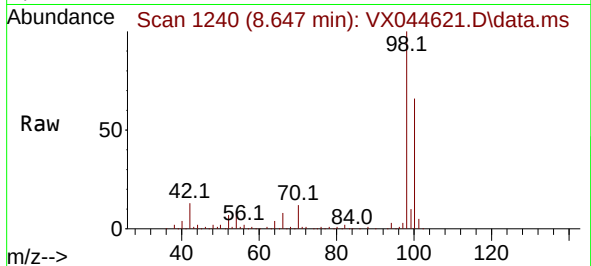




#50
Toluene-d8
Concen: 51.225 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

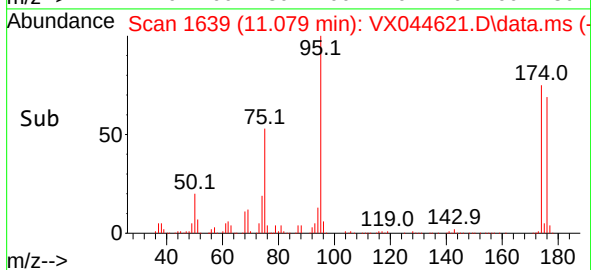
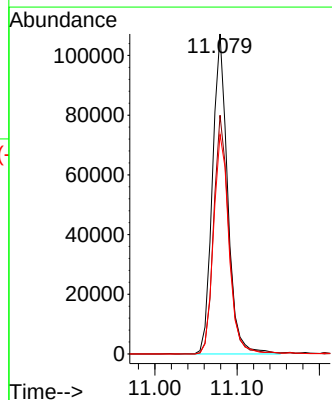
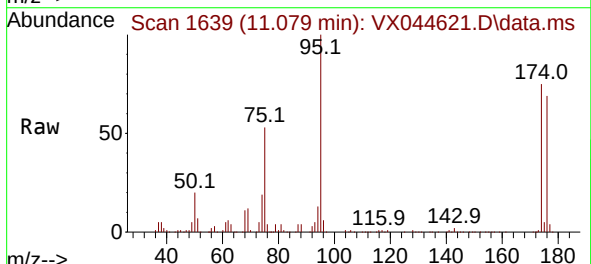
Instrument :
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ClientSampleId :

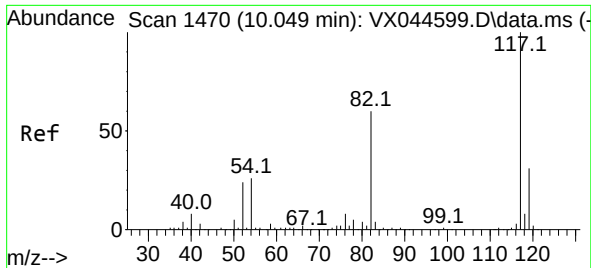
Tgt Ion: 98 Resp: 389814
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

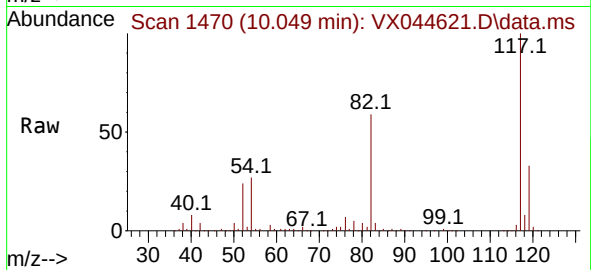
Tgt Ion: 95 Resp: 138018
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.8
176 70.1 0.0 139.8



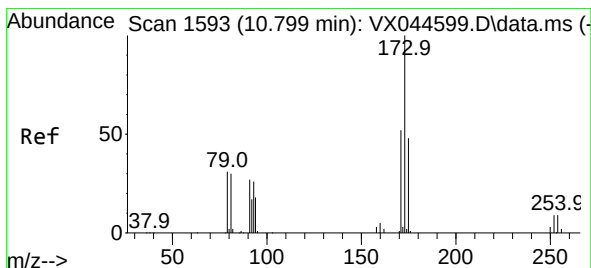
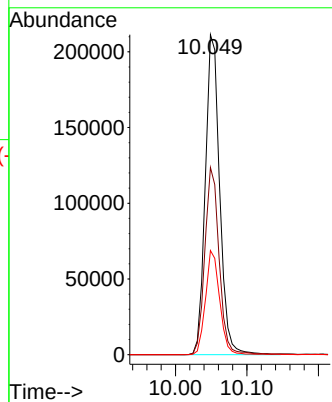
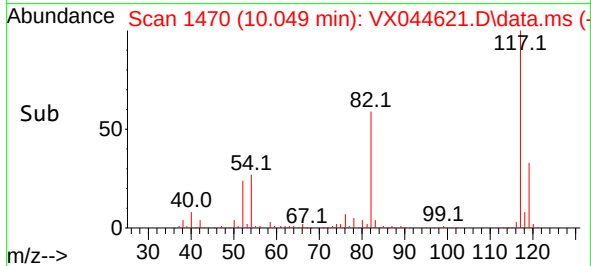


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

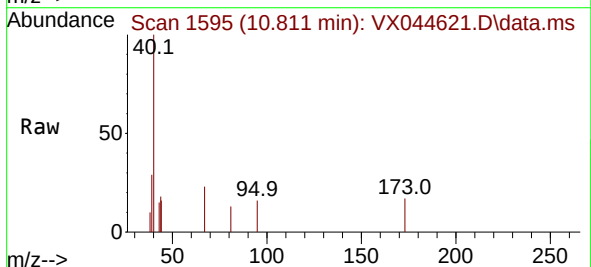
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MSVOA_X
ClientSampleId :



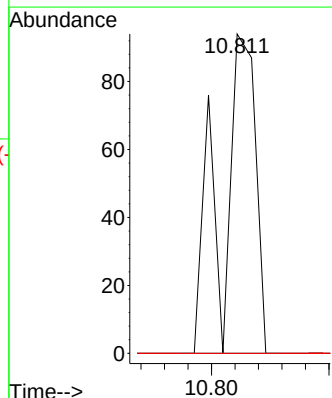
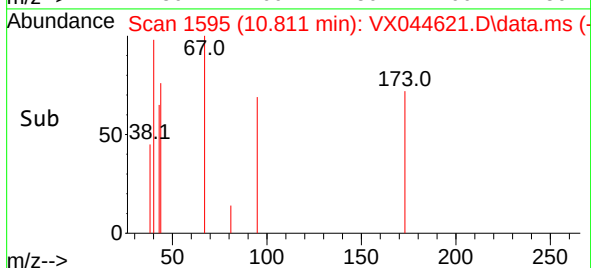
Tgt Ion:117 Resp: 296033
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 32.6 25.0 37.6

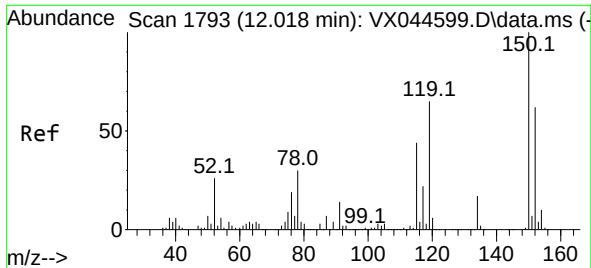


#71
Bromoform
Concen: 0.678 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33



Tgt Ion:173 Resp: 94
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0

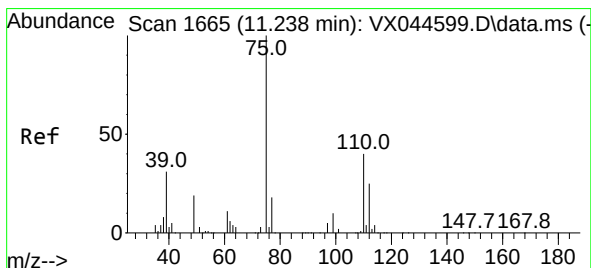
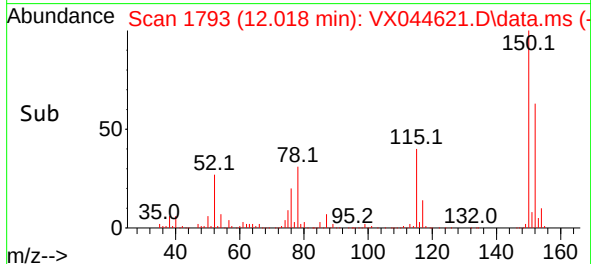
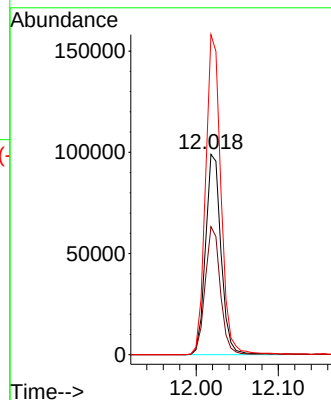
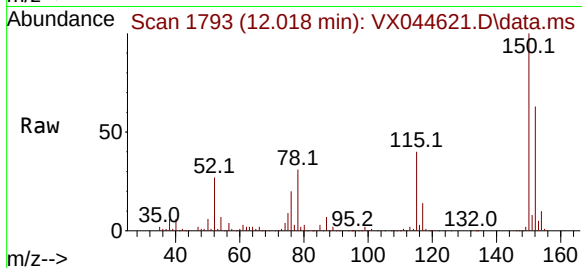




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

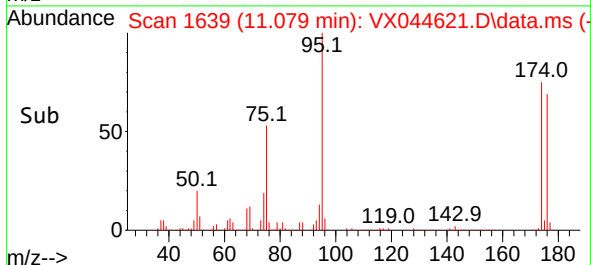
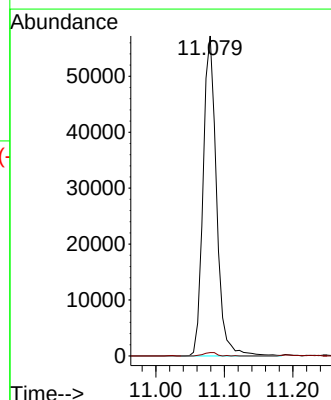
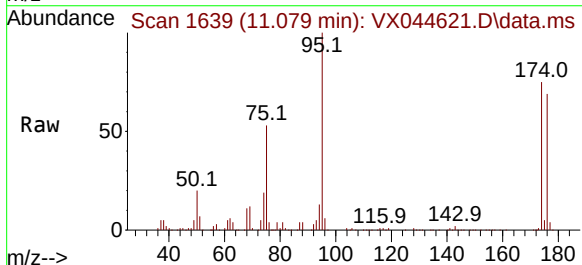
Instrument :
MSVOA_X
ClientSampleId :

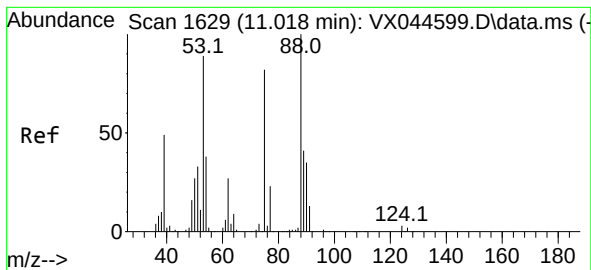
Tgt Ion:152 Resp: 129935
Ion Ratio Lower Upper
152 100
115 62.5 44.4 133.1
150 158.4 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 29.987 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044621.D
Acq: 08 Jan 2025 12:33

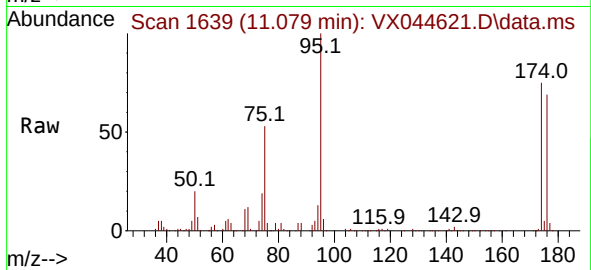
Tgt Ion: 75 Resp: 78107
Ion Ratio Lower Upper
75 100
77 1.1 21.1 63.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.280 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044621.D
 Acq: 08 Jan 2025 12:33

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 78107
 Ion Ratio Lower Upper
 75 100
 53 0.0 92.7 139.1#
 89 0.0 38.3 57.5#

