

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043619.D
 Acq On : 30 Oct 2024 13:15
 Operator : JC/MD
 Sample : P4562-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Oct 31 09:42:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

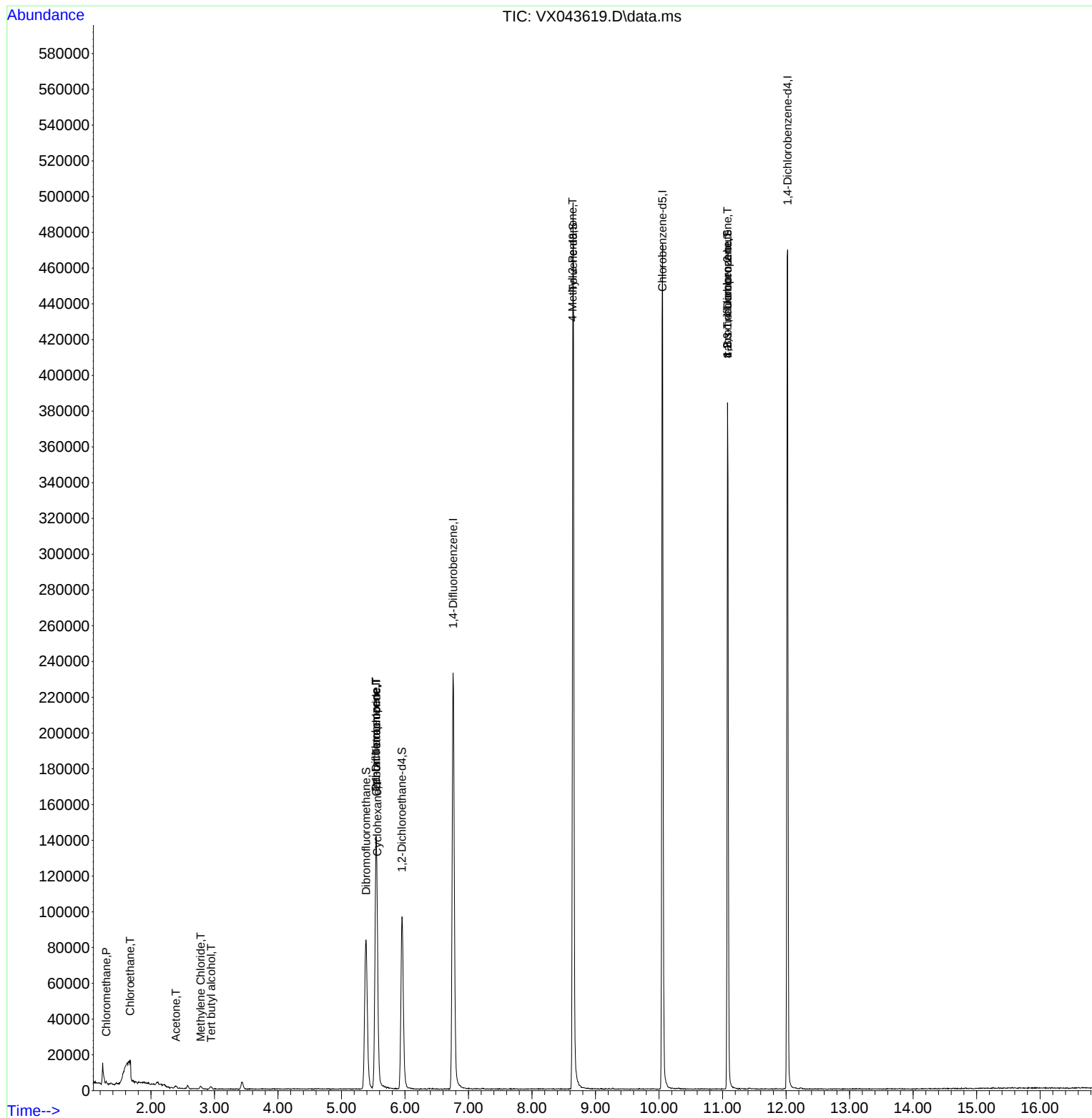
Internal Standards						
1) Pentafluorobenzene	5.544	168	140361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	260767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92280	41.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.460%
35) Dibromofluoromethane	5.385	113	77261	43.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.380%
50) Toluene-d8	8.647	98	305283	49.874	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.740%
62) 4-Bromofluorobenzene	11.079	95	109223	48.155	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	998	0.520	ug/l #	88
6) Chloroethane	1.672	64	327	0.521	ug/l #	43
11) Tert butyl alcohol	2.946	59	540	1.293	ug/l #	100
16) Acetone	2.392	43	1472	1.656	ug/l	98
20) Methylene Chloride	2.782	84	800	0.418	ug/l #	76
31) Cyclohexane	5.562	56	2550	1.079	ug/l #	41
36) 1,1-Dichloropropene	5.544	75	10408	4.964	ug/l #	47
38) Carbon Tetrachloride	5.550	117	14591	6.298	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	1233	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53521	23.583	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	53521	64.878	ug/l #	7

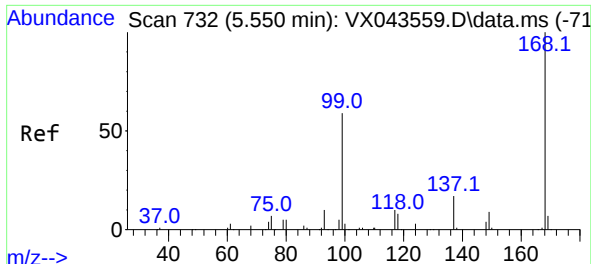
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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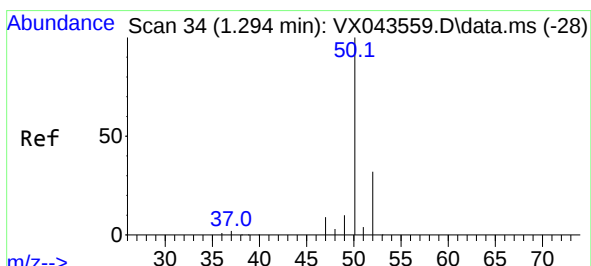
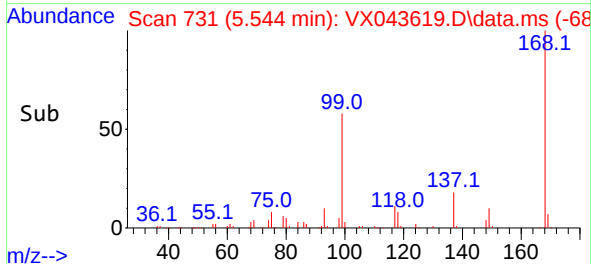
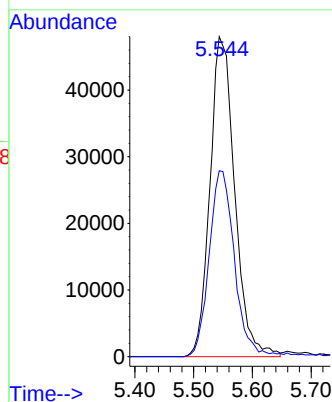
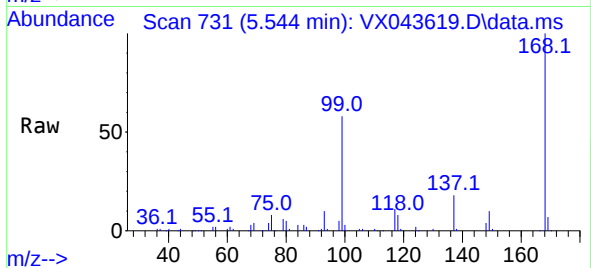




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

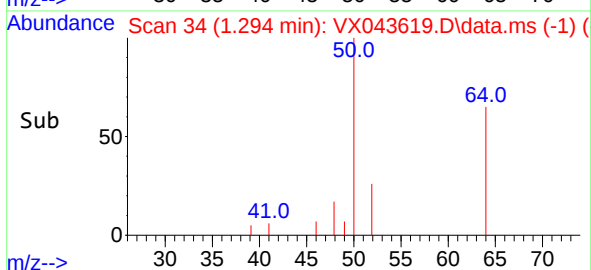
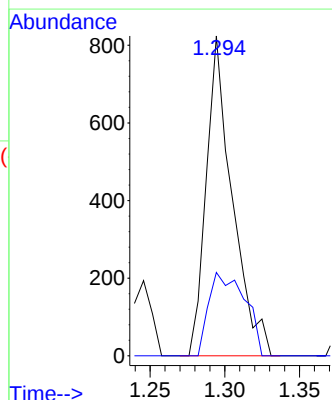
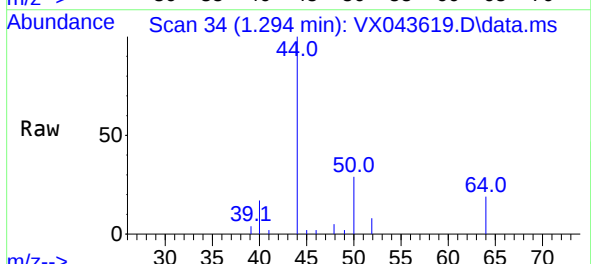
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

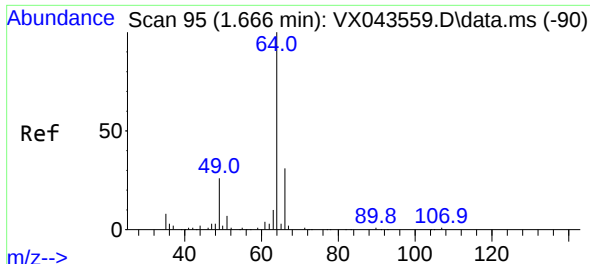
Tgt Ion:168 Resp: 140361
Ion Ratio Lower Upper
168 100
99 58.1 52.6 78.8



#3
Chloromethane
Concen: 0.520 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

Tgt Ion: 50 Resp: 998
Ion Ratio Lower Upper
50 100
52 26.1 26.3 39.5#

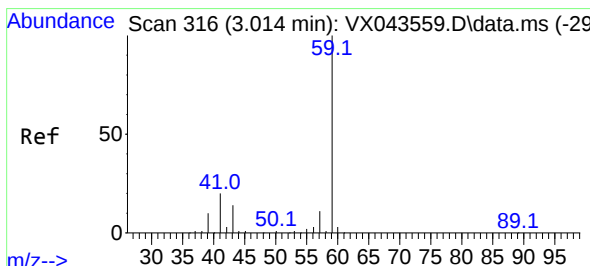
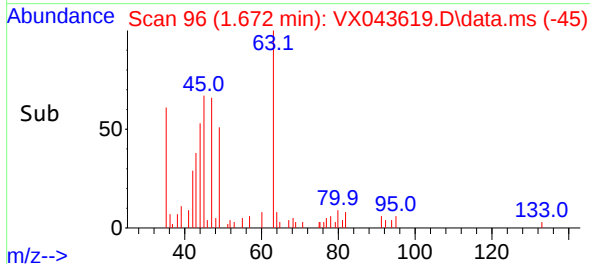
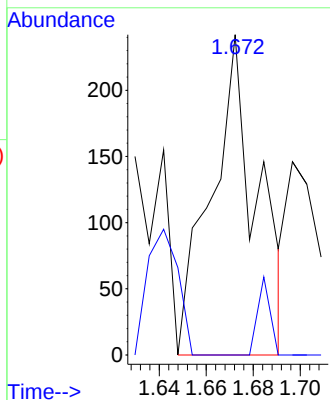
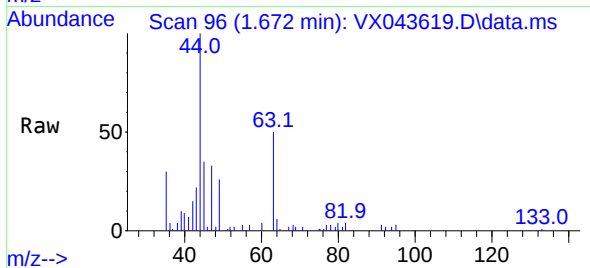




#6
Chloroethane
Concen: 0.521 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

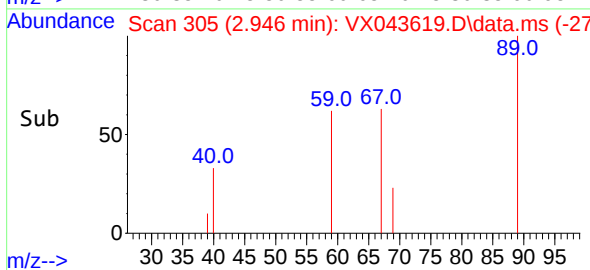
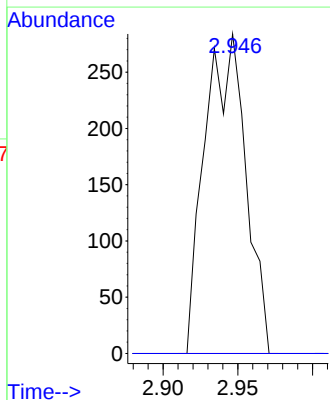
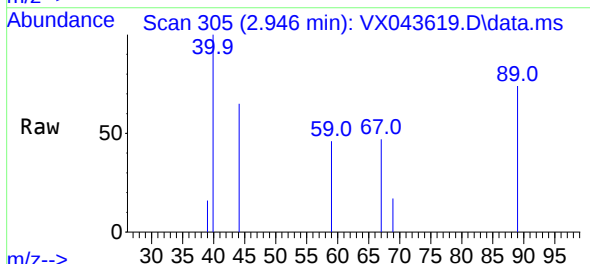
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

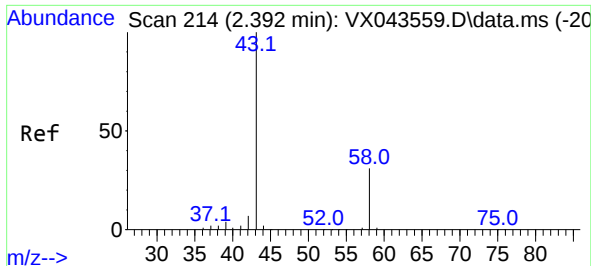
Tgt Ion: 64 Resp: 327
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.293 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.104 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

Tgt Ion: 59 Resp: 540
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

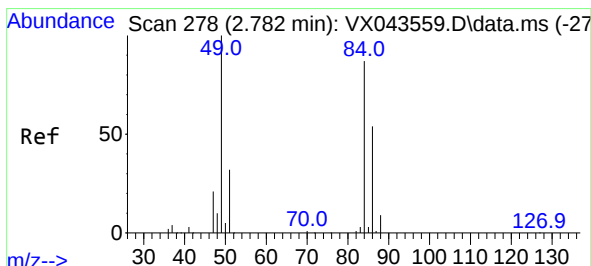
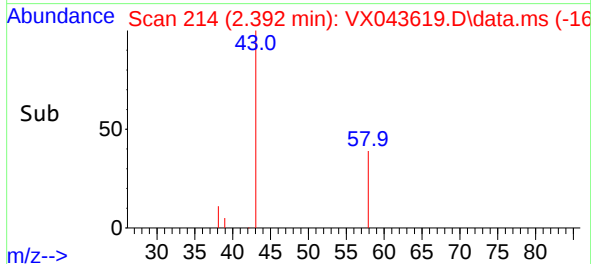
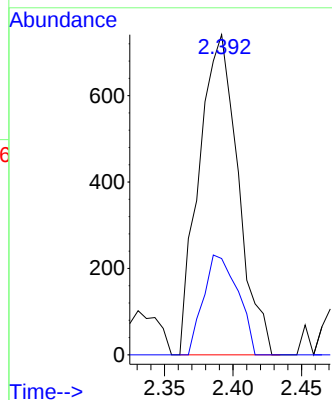
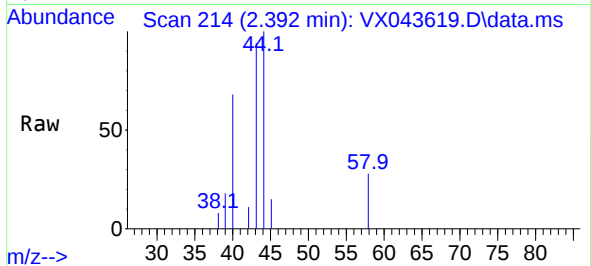




#16
Acetone
Concen: 1.656 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

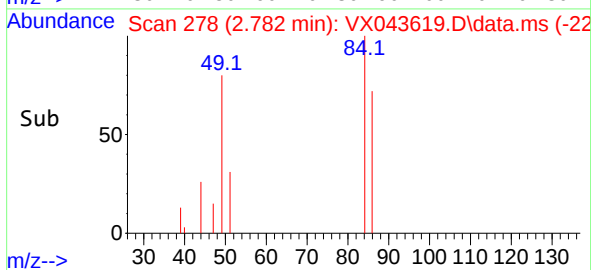
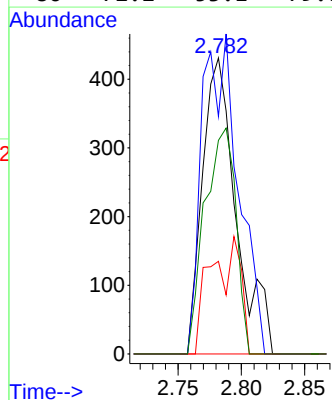
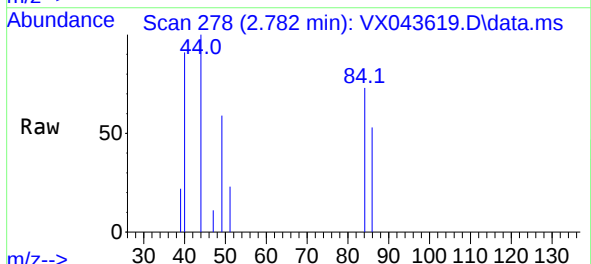
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

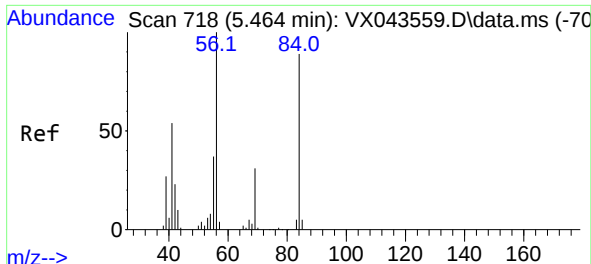
Tgt Ion: 43 Resp: 1472
Ion Ratio Lower Upper
43 100
58 30.1 25.1 37.7



#20
Methylene Chloride
Concen: 0.418 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

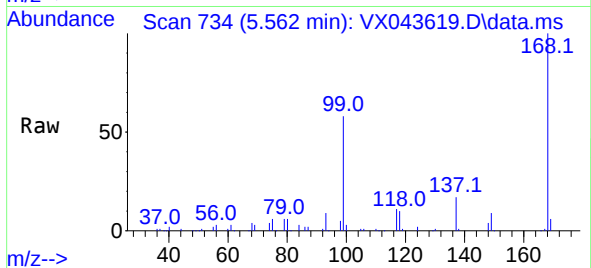
Tgt Ion: 84 Resp: 800
Ion Ratio Lower Upper
84 100
49 80.3 97.0 145.6#
51 31.3 29.8 44.8
86 72.2 53.1 79.7



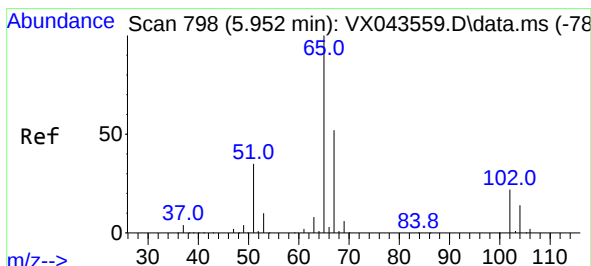
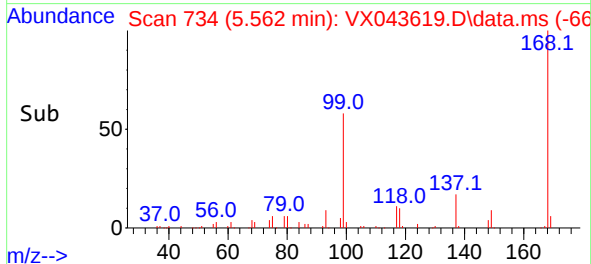
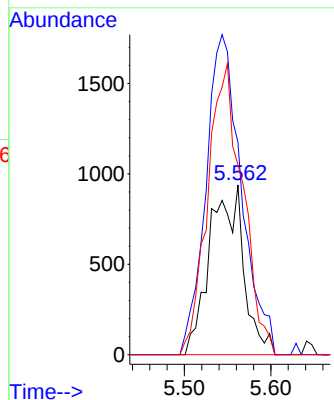


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.104 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

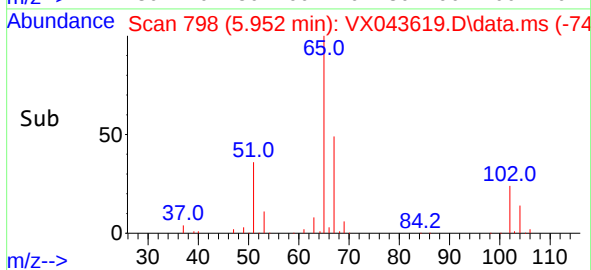
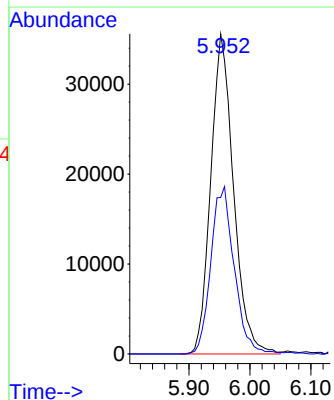
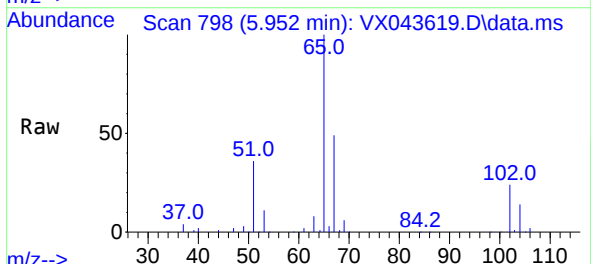


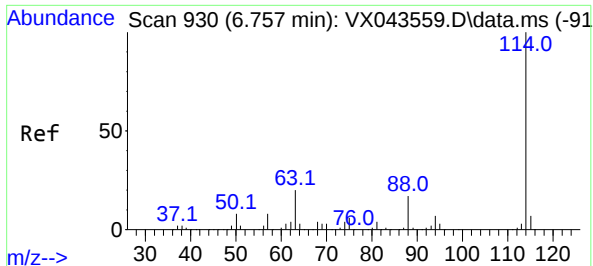
Tgt Ion: 56 Resp: 2550
Ion Ratio Lower Upper
56 100
69 125.1 24.9 37.3#
84 111.9 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 41.232 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

Tgt Ion: 65 Resp: 92280
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX043619.D

Acq: 30 Oct 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

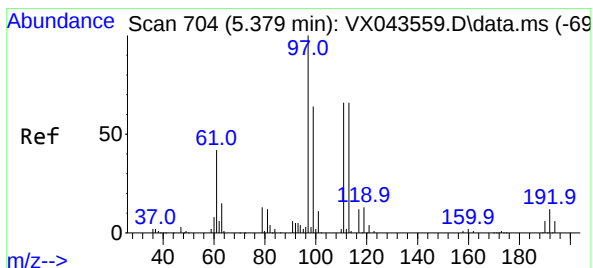
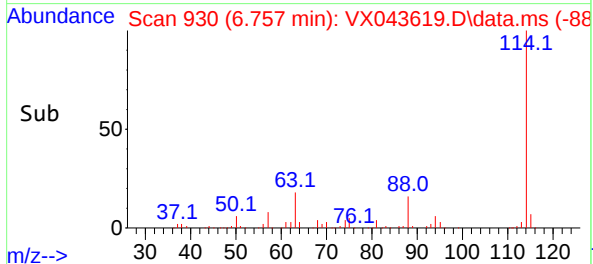
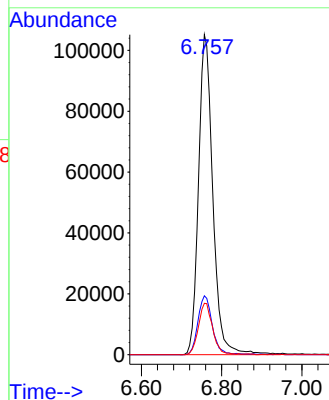
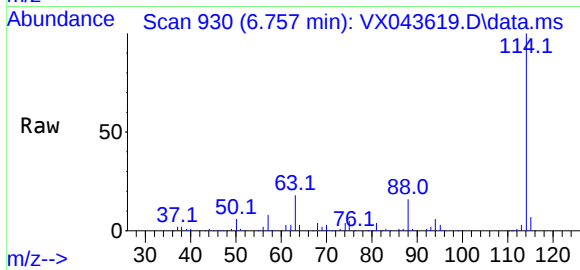
Tgt Ion:114 Resp: 260767

Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.2

88 16.1 0.0 34.0



#35

Dibromofluoromethane

Concen: 43.693 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043619.D

Acq: 30 Oct 2024 13:15

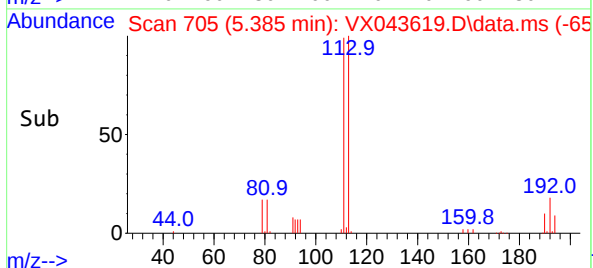
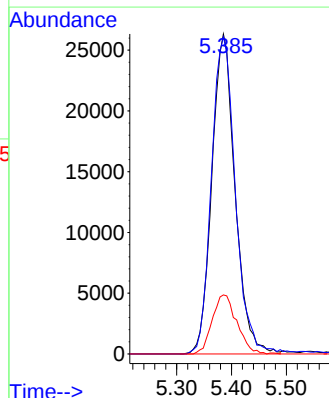
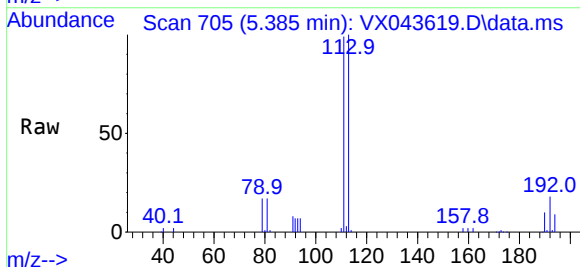
Tgt Ion:113 Resp: 77261

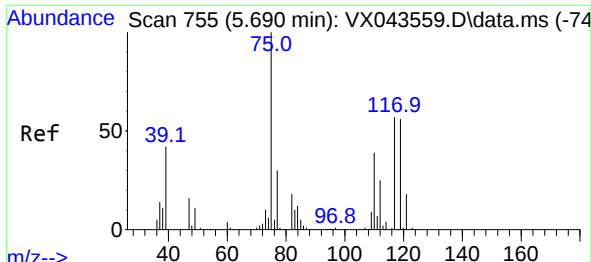
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 19.6 14.1 21.1

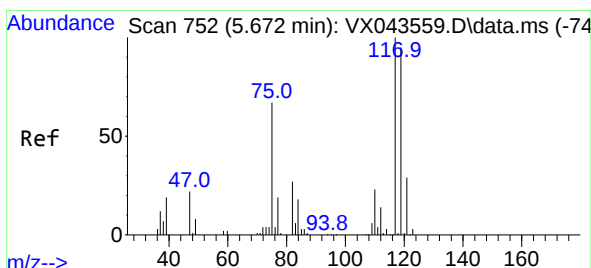
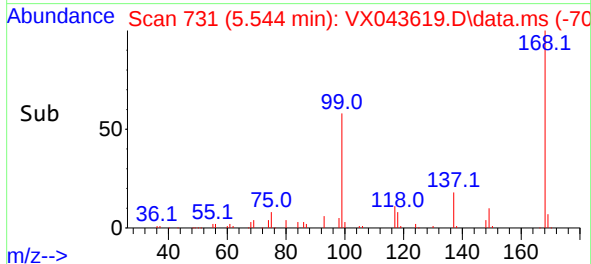
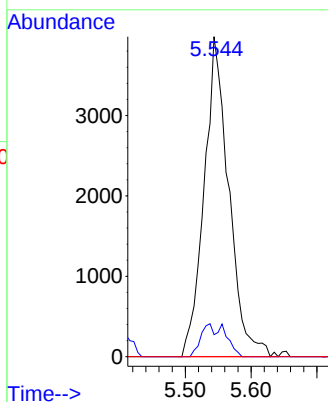
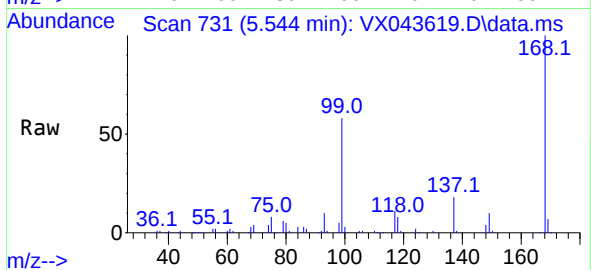




#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

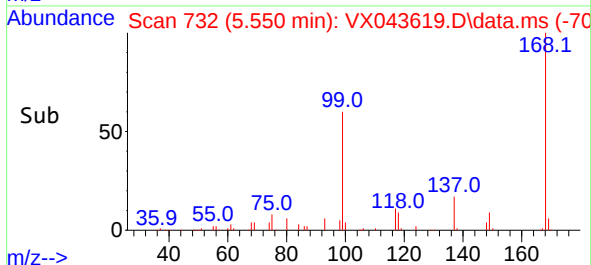
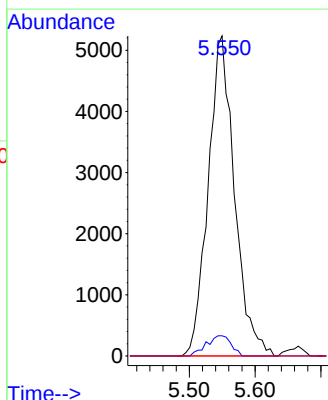
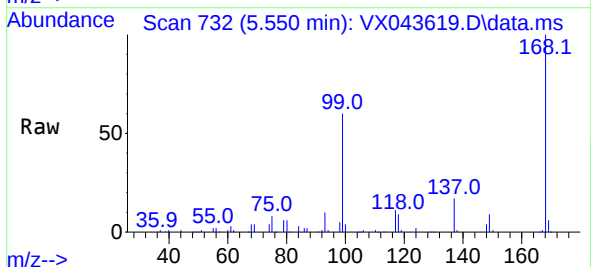
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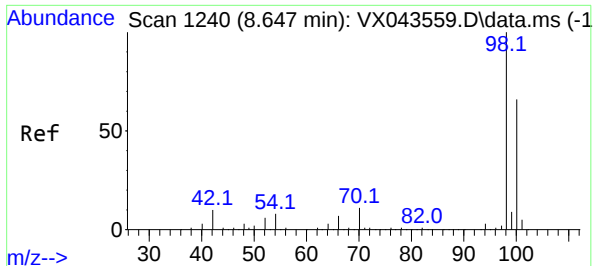
Tgt Ion: 75 Resp: 10408
Ion Ratio Lower Upper
75 100
110 6.6 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.298 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

Tgt Ion: 117 Resp: 14591
Ion Ratio Lower Upper
117 100
119 6.3 77.0 115.6#
121 0.0 24.7 37.1#

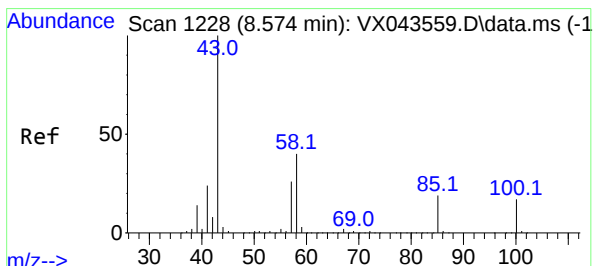
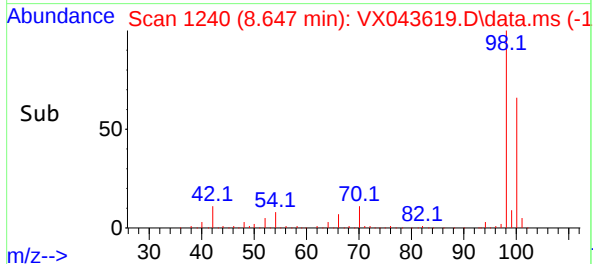
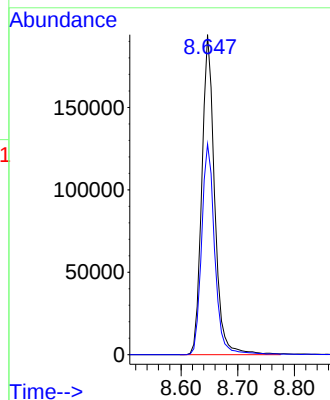
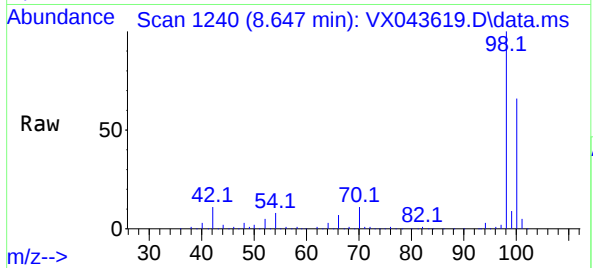




#50
Toluene-d8
Concen: 49.874 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

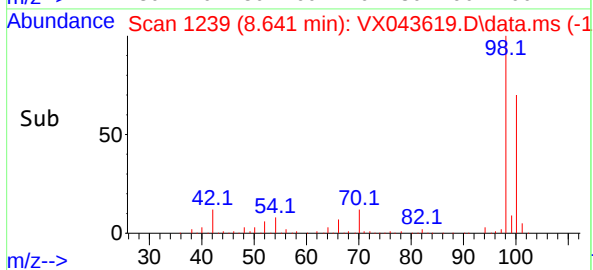
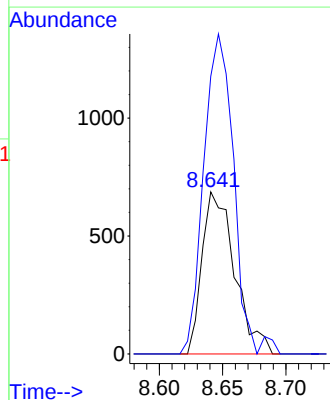
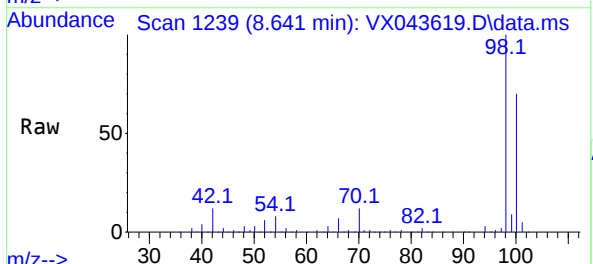
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

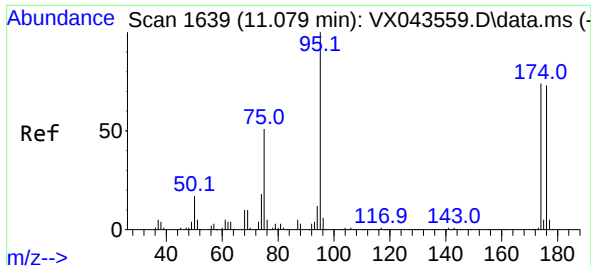
Tgt Ion: 98 Resp: 305283
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 181.4 31.7 47.5#

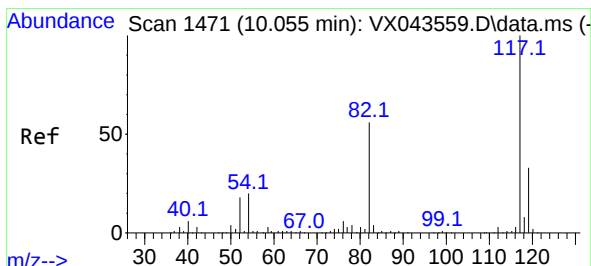
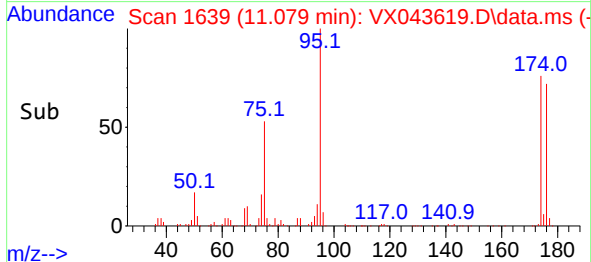
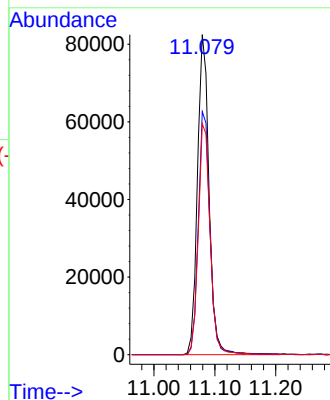
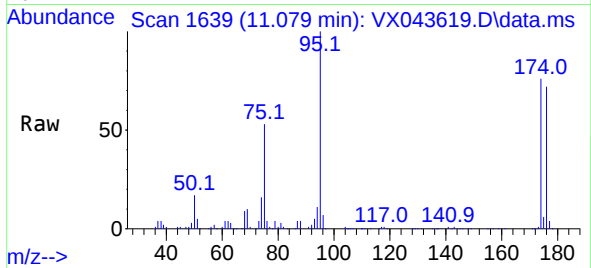




#62
4-Bromofluorobenzene
Concen: 48.155 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

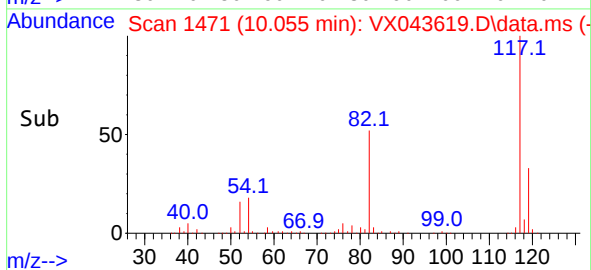
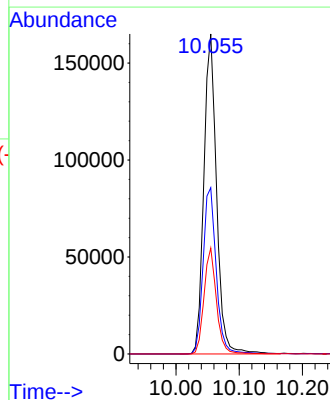
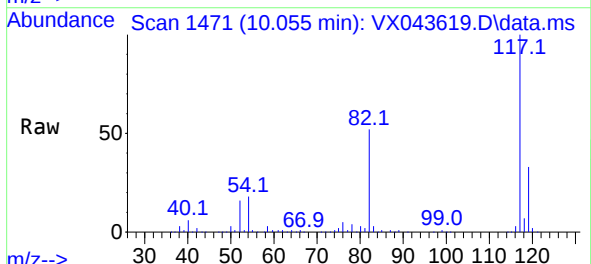
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

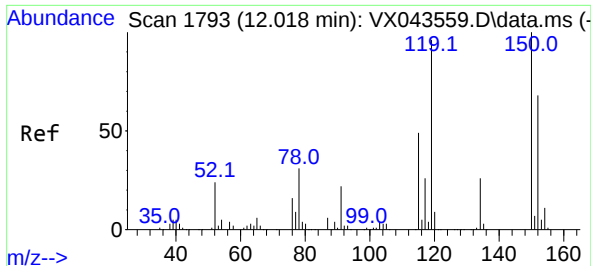
Tgt Ion: 95 Resp: 109223
Ion Ratio Lower Upper
95 100
174 76.6 0.0 146.6
176 73.1 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

Tgt Ion: 117 Resp: 231351
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 33.1 25.4 38.2

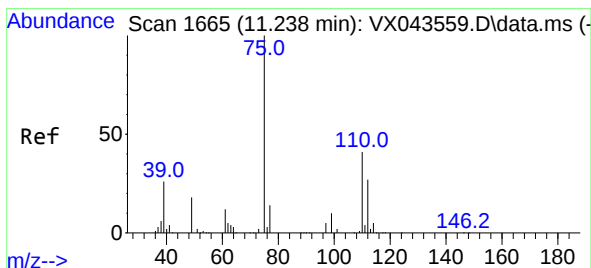
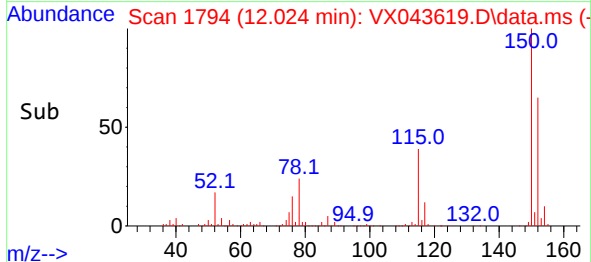
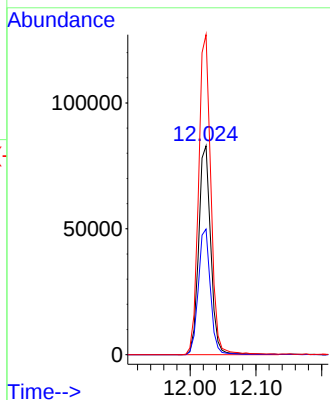
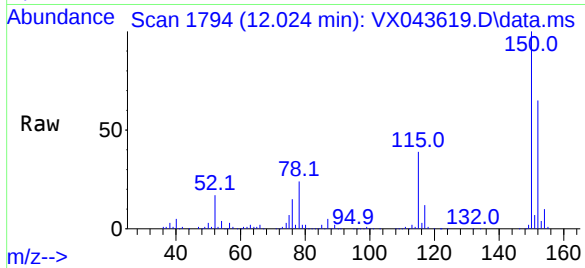




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

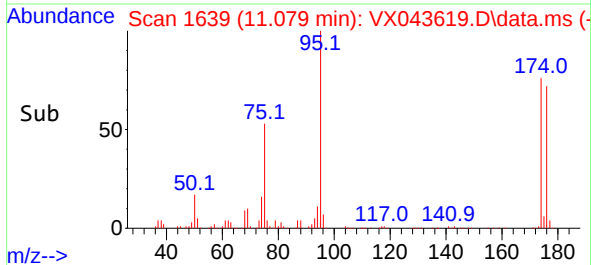
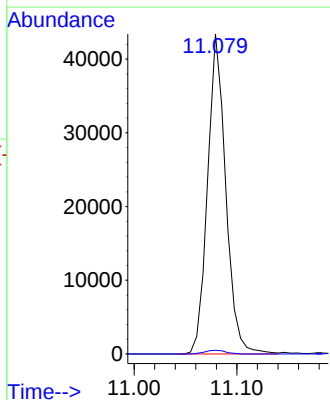
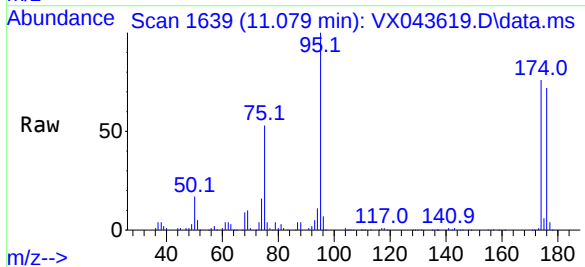
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

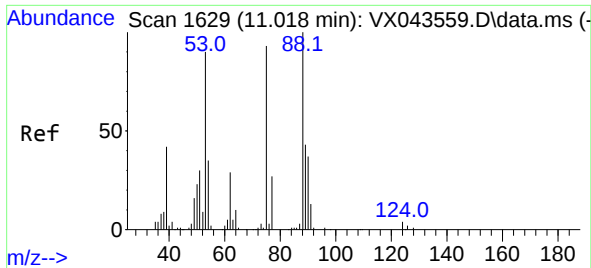
Tgt Ion:152 Resp: 106142
Ion Ratio Lower Upper
152 100
115 60.3 42.9 128.7
150 155.4 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 23.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

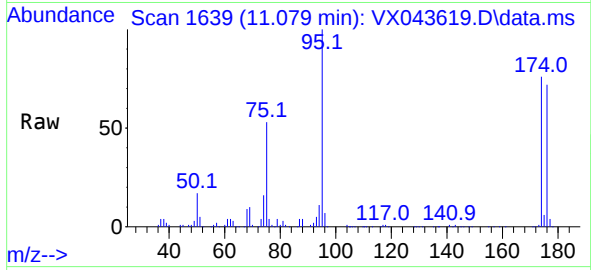
Tgt Ion: 75 Resp: 53521
Ion Ratio Lower Upper
75 100
77 1.3 22.4 67.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.878 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX043619.D
Acq: 30 Oct 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT



Tgt Ion: 75 Resp: 53521
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.1 38.6 58.0#

