

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX028996.D
 Acq On : 26 May 2022 14:06
 Operator : JC/MD
 Sample : N2983-07DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 27 07:33:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

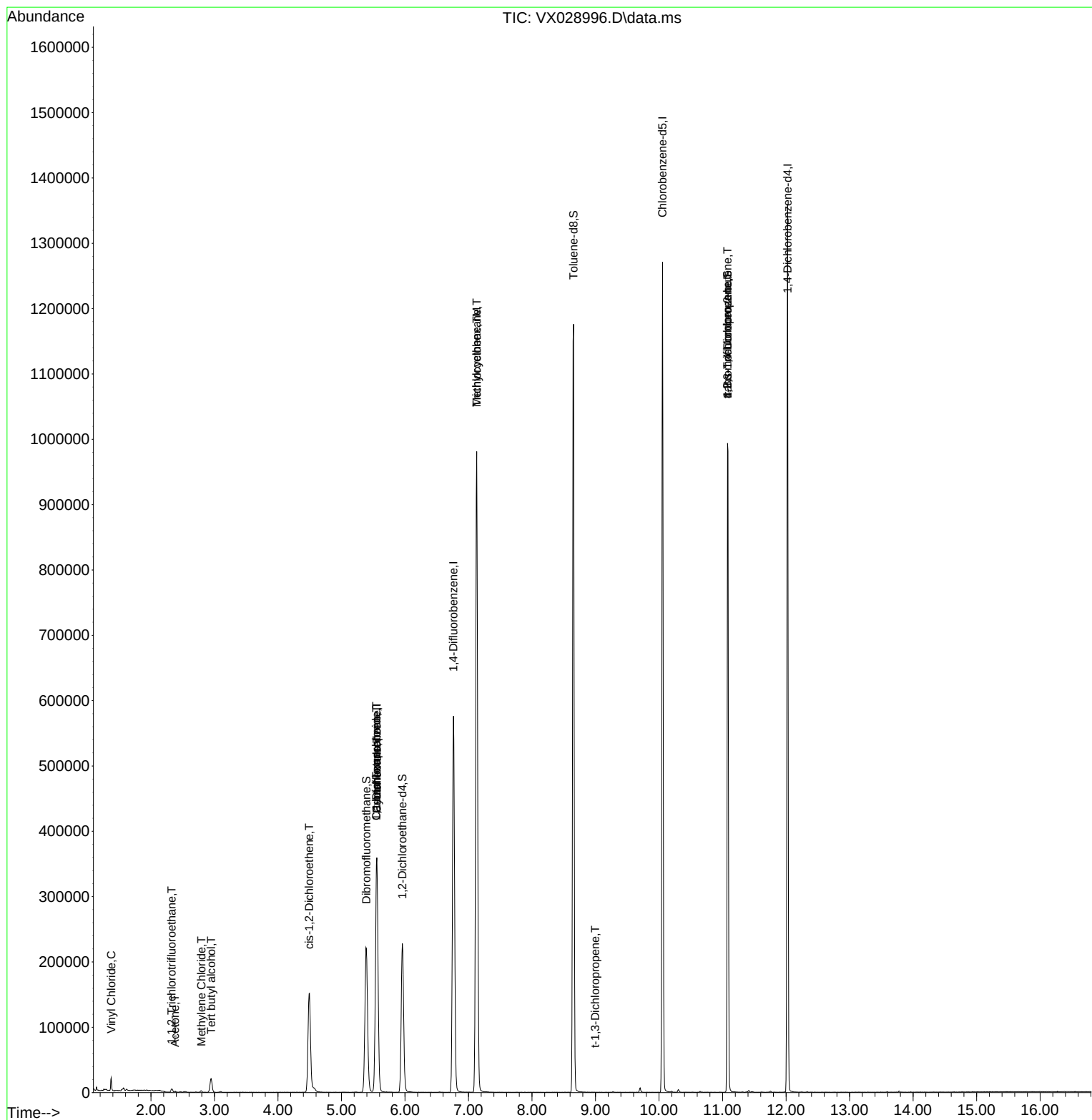
Internal Standards						
1) Pentafluorobenzene	5.556	168	338378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	604102	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	579600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	276994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	225787	48.678	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.360%
35) Dibromofluoromethane	5.391	113	198077	50.045	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.080%
50) Toluene-d8	8.653	98	719704	48.230	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.460%
62) 4-Bromofluorobenzene	11.079	95	285539	51.231	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.460%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	12314	2.738	ug/l	99
5) Bromomethane	1.618	94	1211	Below Cal		90
6) Chloroethane	1.648	64	396	Below Cal		99
9) 1,1,2-Trichlorotrifluo...	2.325	101	1873	0.496	ug/l	95
11) Tert butyl alcohol	2.947	59	12370	4.739	ug/l #	74
16) Acetone	2.380	43	1269	0.637	ug/l	92
20) Methylene Chloride	2.794	84	1177	0.282	ug/l	86
27) cis-1,2-Dichloroethene	4.489	96	102930	22.341	ug/l	88
31) Cyclohexane	5.556	56	6444	1.001	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	26182	4.404	ug/l #	49
38) Carbon Tetrachloride	5.550	117	35450	5.925	ug/l #	14
39) Methylcyclohexane	7.129	83	4550	0.667	ug/l #	1
44) Trichloroethene	7.129	130	386037	83.312	ug/l	94
53) t-1,3-Dichloropropene	8.994	75	22	1.644	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	143093	22.059	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	143093	64.583	ug/l #	15

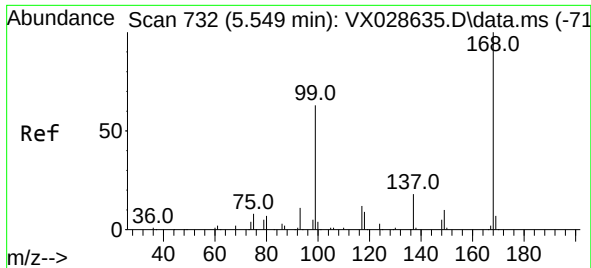
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 27 07:33:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

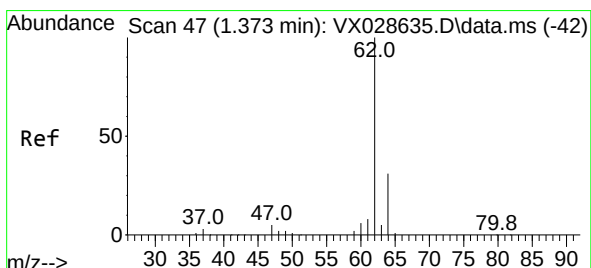
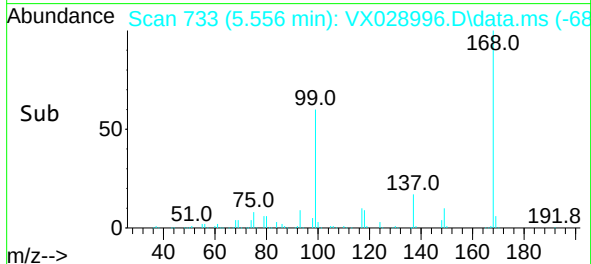
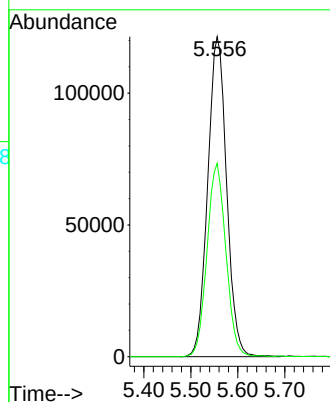
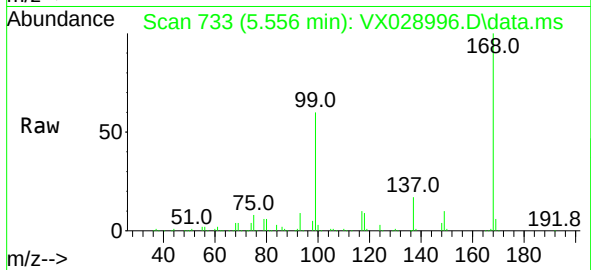




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

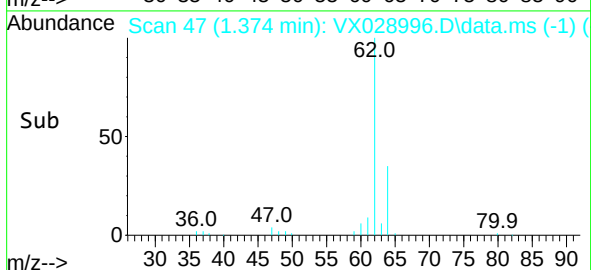
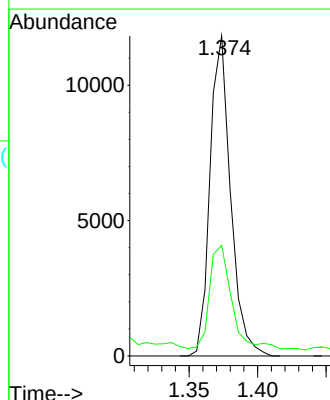
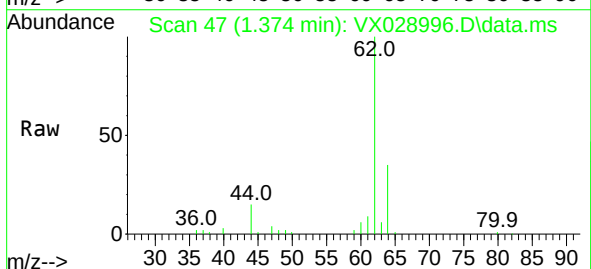
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MSVOA_X
ClientSampleId :

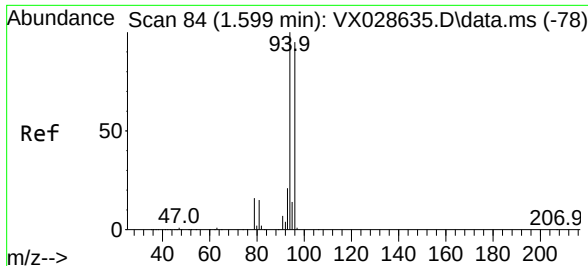
Tgt Ion:168 Resp: 338378
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#4
Vinyl Chloride
Concen: 2.738 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

Tgt Ion: 62 Resp: 12314
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

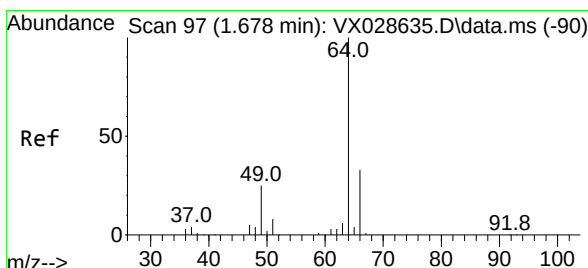
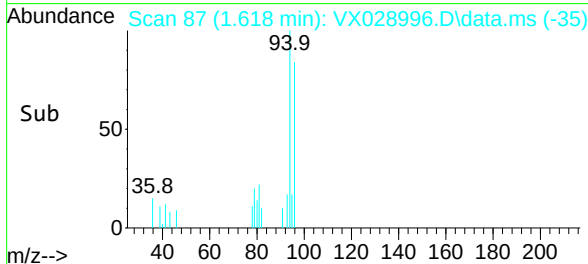
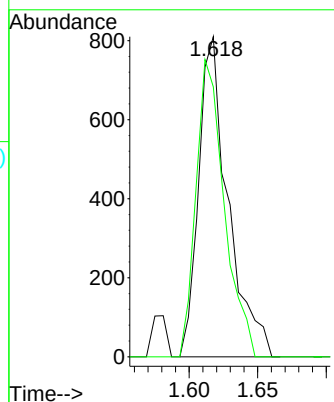
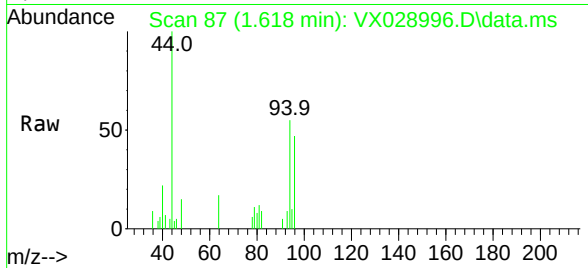




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

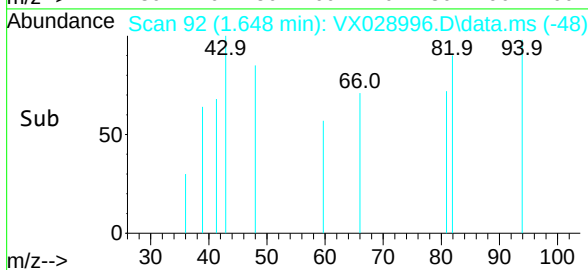
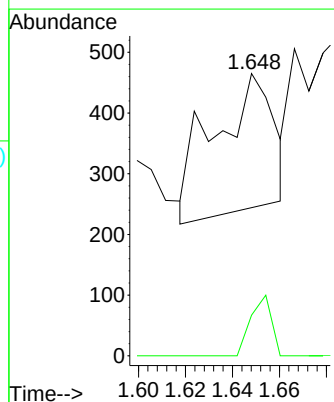
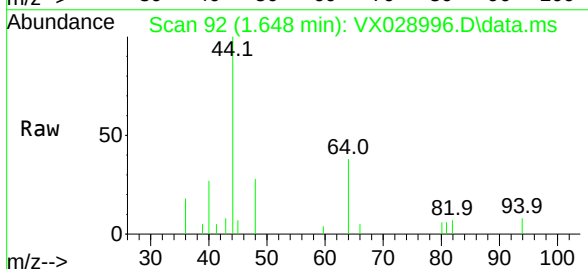
Instrument :
MSVOA_X
ClientSampleId :

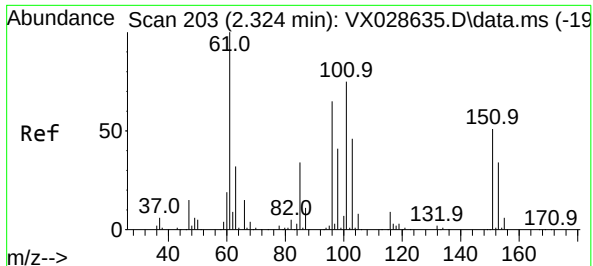
Tgt Ion: 94 Resp: 1211
Ion Ratio Lower Upper
94 100
96 84.3 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 92
Delta R.T. -0.030 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

Tgt Ion: 64 Resp: 396
Ion Ratio Lower Upper
64 100
66 31.9 25.3 37.9

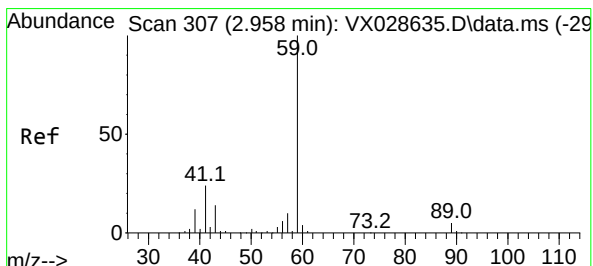
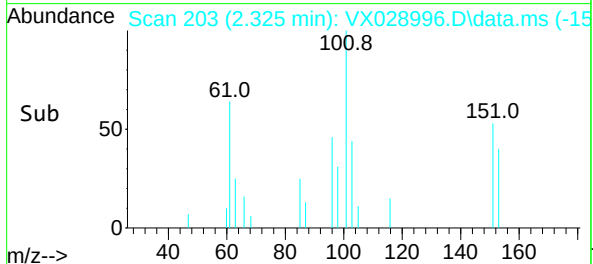
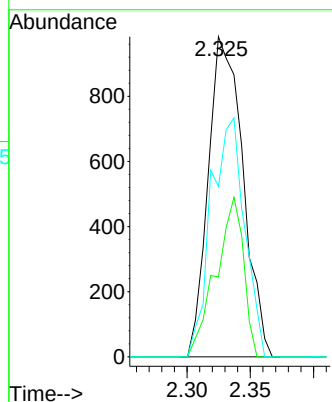
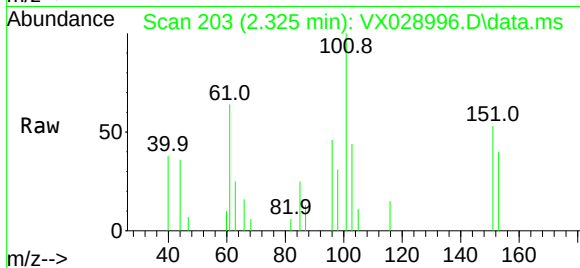




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.496 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

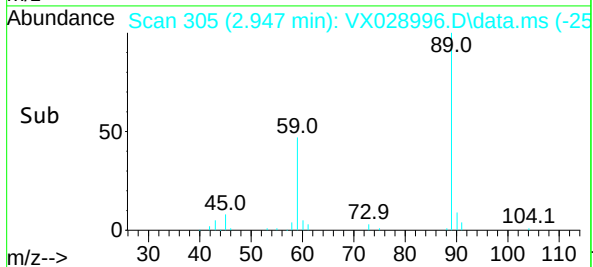
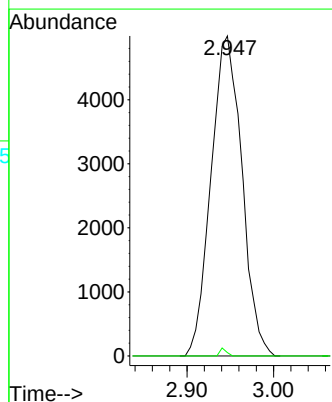
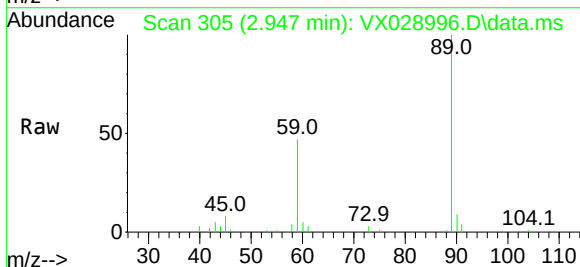
Instrument :
MSVOA_X
ClientSampleId :

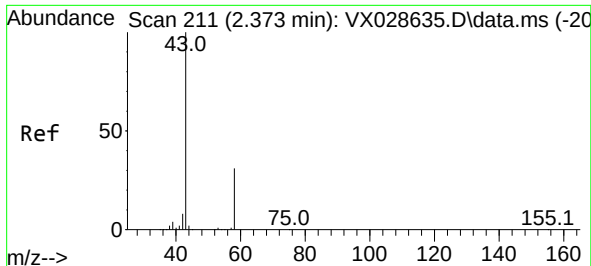
Tgt Ion:101 Resp: 1873
Ion Ratio Lower Upper
101 100
85 39.7 33.5 50.3
151 72.1 61.8 92.6



#11
Tert butyl alcohol
Concen: 4.739 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

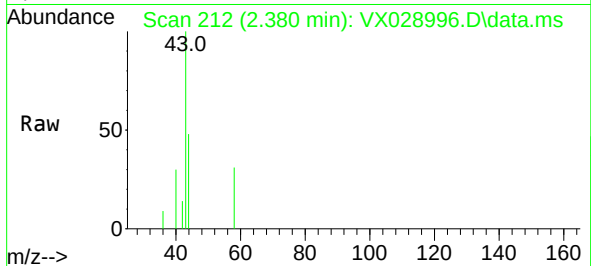
Tgt Ion: 59 Resp: 12370
Ion Ratio Lower Upper
59 100
57 0.5 8.3 12.5#



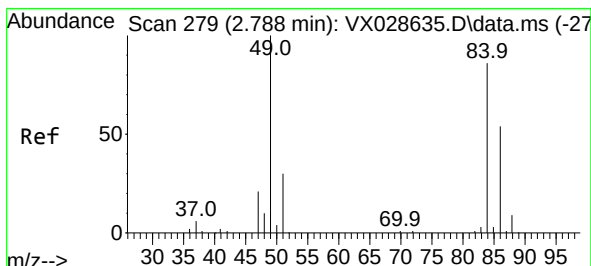
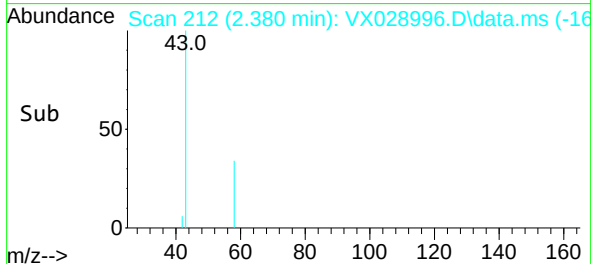
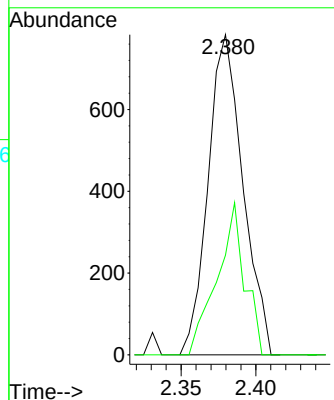


#16
Acetone
Concen: 0.637 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

Instrument :
MSVOA_X
ClientSampleId :

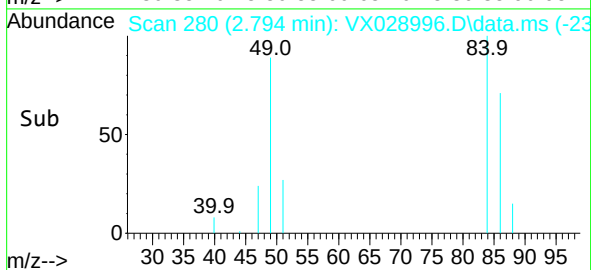
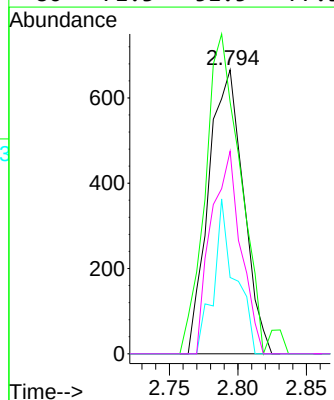
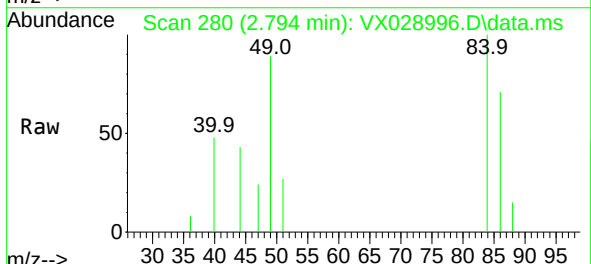


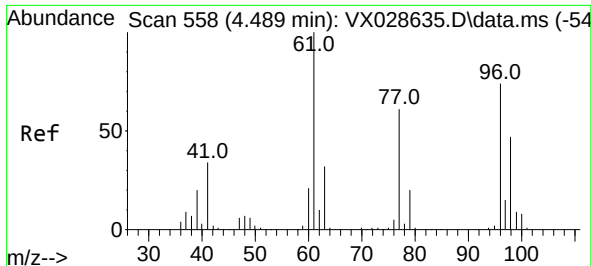
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
58 31.2 28.8 43.2



#20
Methylene Chloride
Concen: 0.282 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

Tgt Ion: 84 Resp: 1177
Ion Ratio Lower Upper
84 100
49 88.6 85.5 128.3
51 26.9 26.6 39.8
86 71.3 51.5 77.3

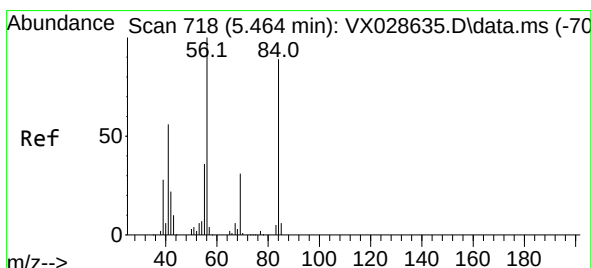
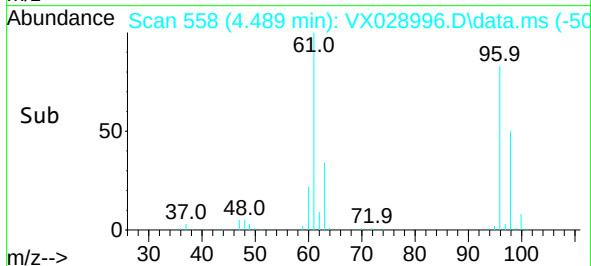
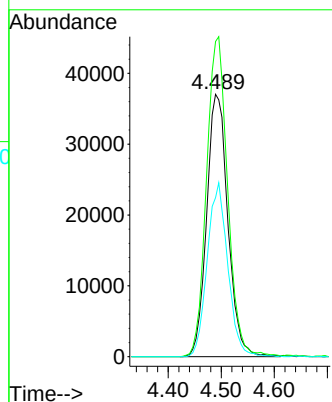
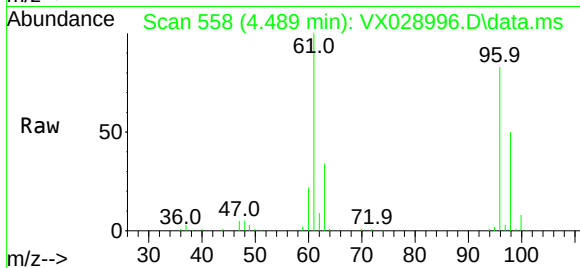




#27
 cis-1,2-Dichloroethene
 Concen: 22.341 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX028996.D
 Acq: 26 May 2022 14:06

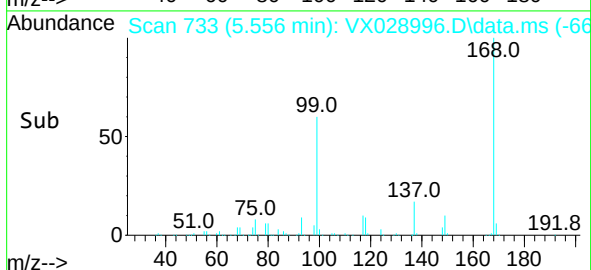
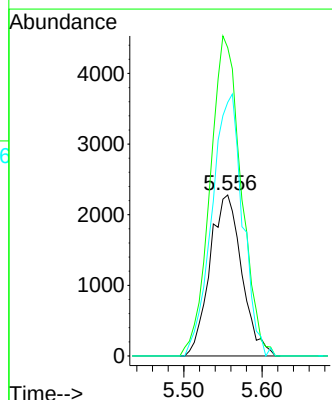
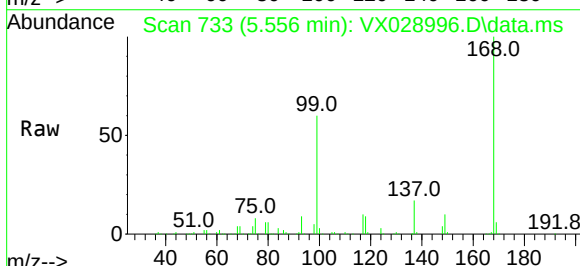
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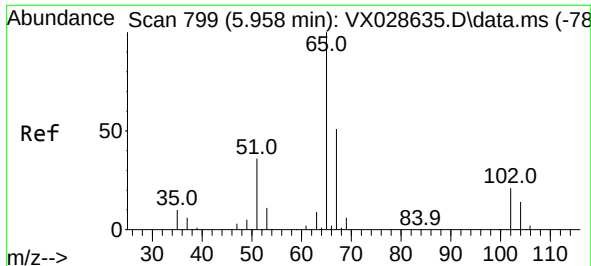
Tgt Ion: 96 Resp: 102930
 Ion Ratio Lower Upper
 96 100
 61 121.5 0.0 283.8
 98 64.1 0.0 129.8



#31
 Cyclohexane
 Concen: 1.001 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.092 min
 Lab File: VX028996.D
 Acq: 26 May 2022 14:06

Tgt Ion: 56 Resp: 6444
 Ion Ratio Lower Upper
 56 100
 69 191.6 26.7 40.1#
 84 157.5 77.2 115.8#

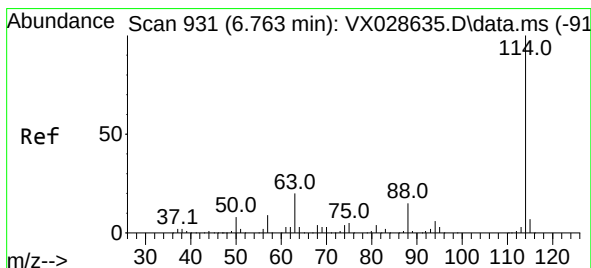
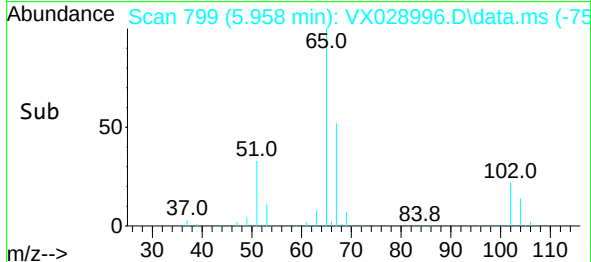
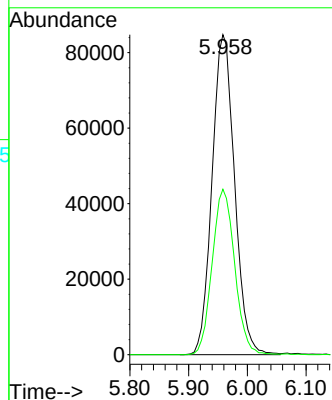
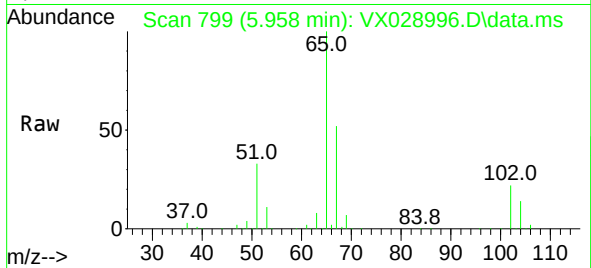




#33
 1,2-Dichloroethane-d4
 Concen: 48.678 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028996.D
 Acq: 26 May 2022 14:06

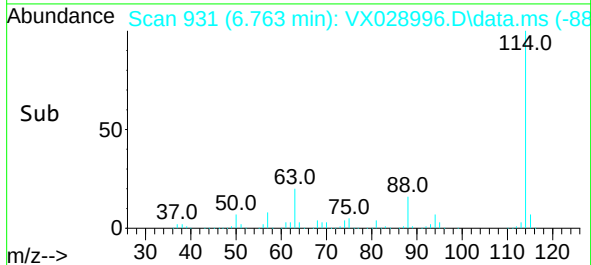
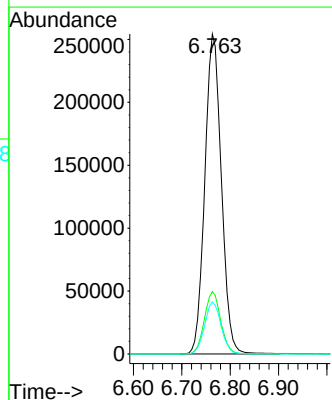
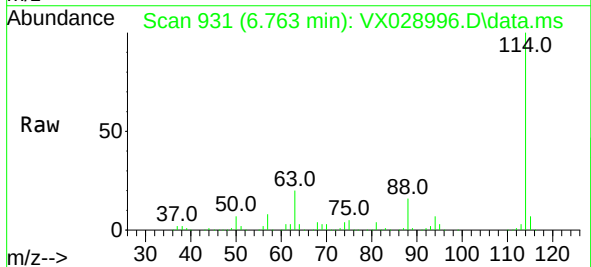
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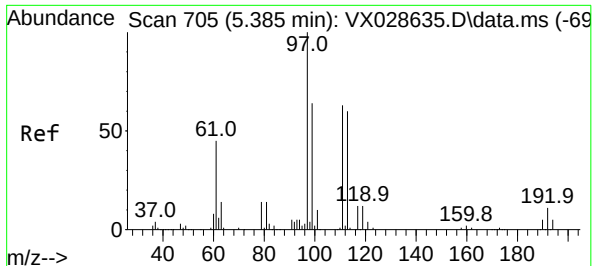
Tgt Ion: 65 Resp: 225787
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX028996.D
 Acq: 26 May 2022 14:06

Tgt Ion: 114 Resp: 604102
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 36.8
 88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.045 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

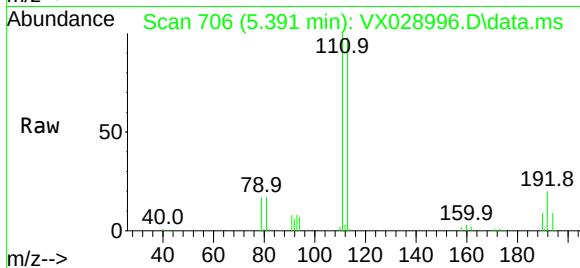
Lab File: VX028996.D

Acq: 26 May 2022 14:06

Instrument :

MSVOA_X

ClientSampleId :



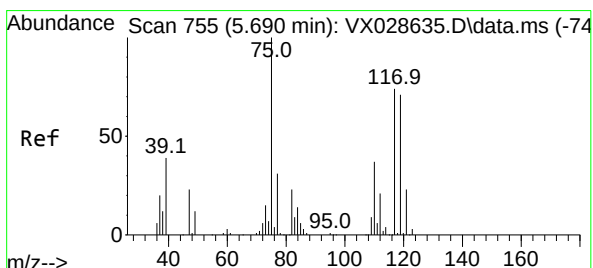
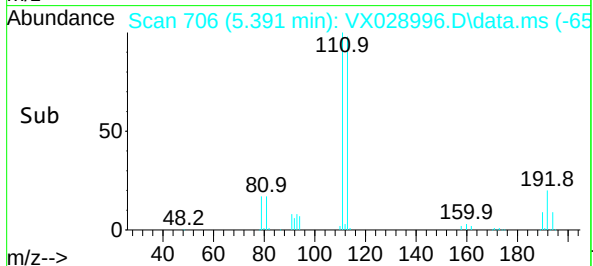
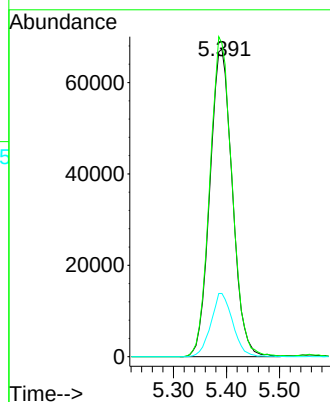
Tgt Ion:113 Resp: 198077

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 20.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.404 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028996.D

Acq: 26 May 2022 14:06

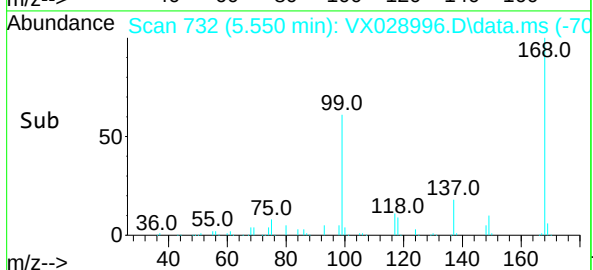
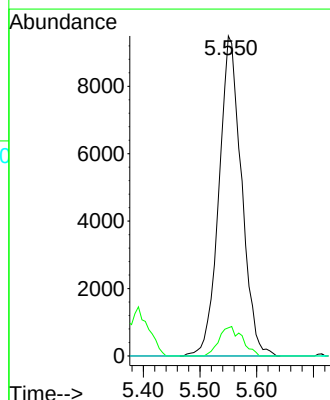
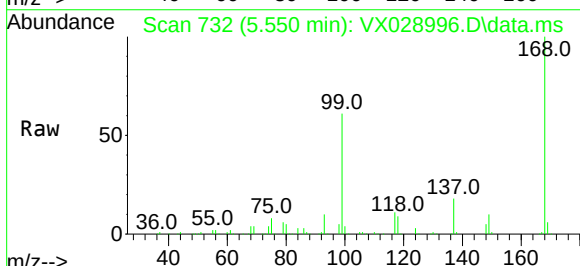
Tgt Ion: 75 Resp: 26182

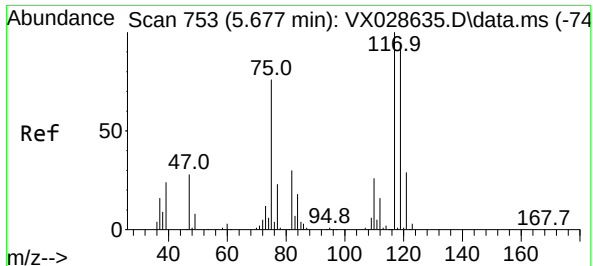
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

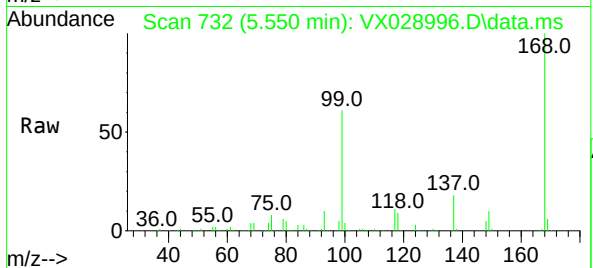
77 0.0 24.8 37.2#



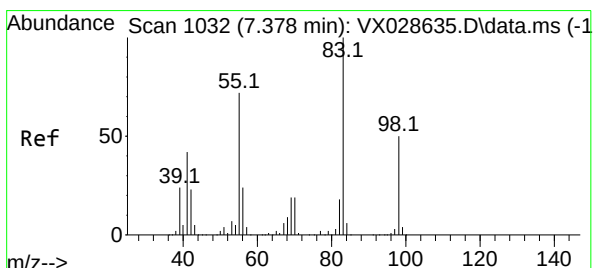
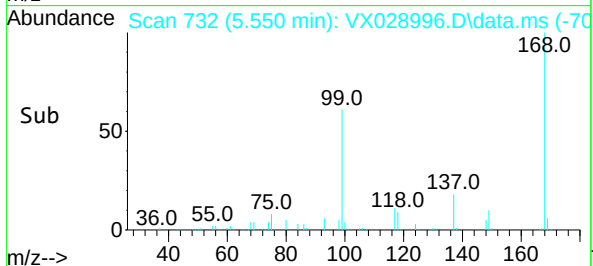
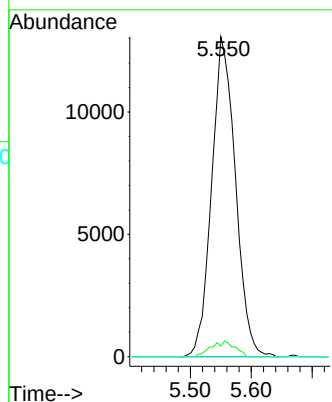


#38
Carbon Tetrachloride
Concen: 5.925 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

Instrument :
MSVOA_X
ClientSampleId :

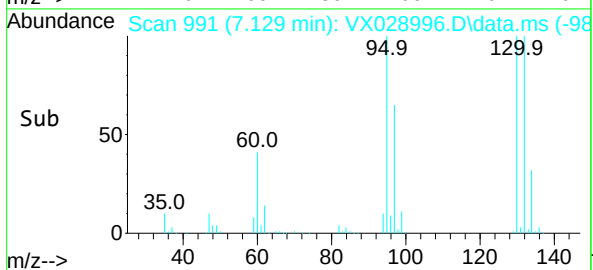
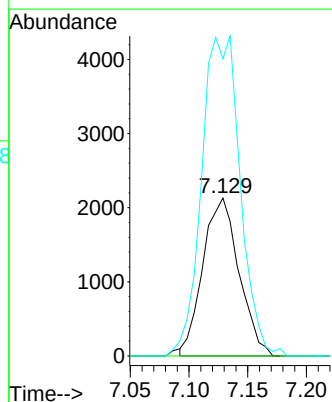
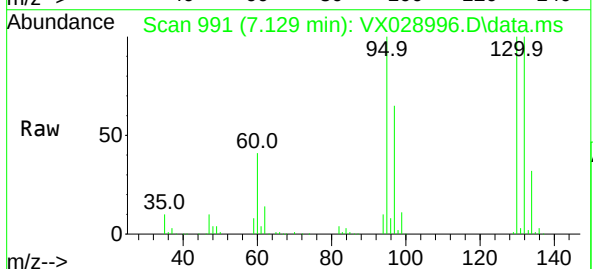


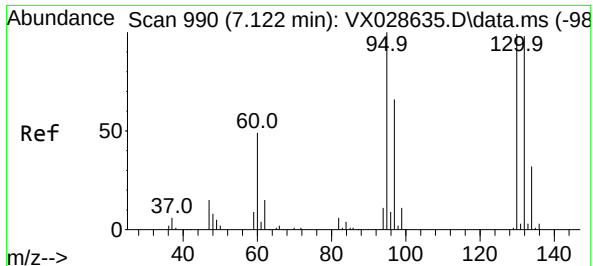
Tgt Ion:117 Resp: 35450
Ion Ratio Lower Upper
117 100
119 3.4 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.667 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.249 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

Tgt Ion: 83 Resp: 4550
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 183.6 37.4 56.2#

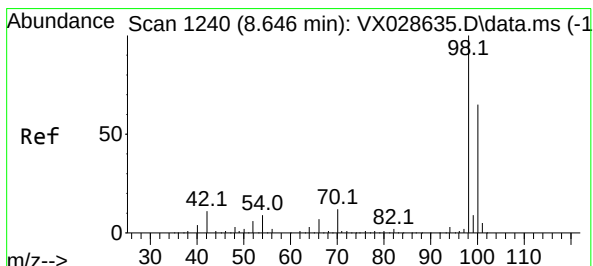
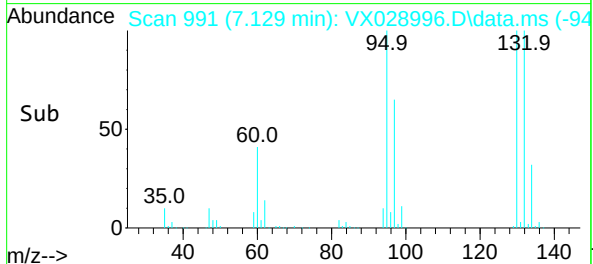
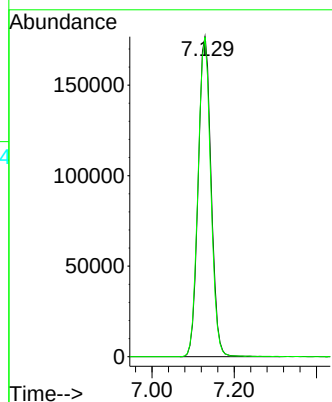
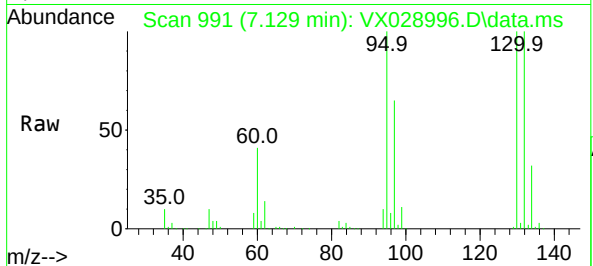




#44
Trichloroethene
Concen: 83.312 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

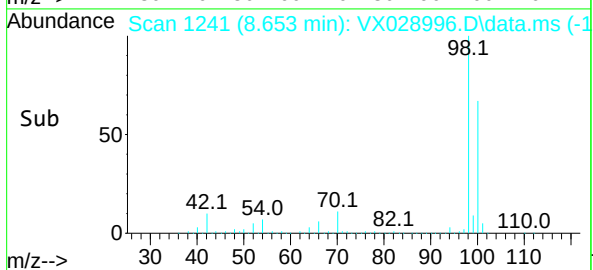
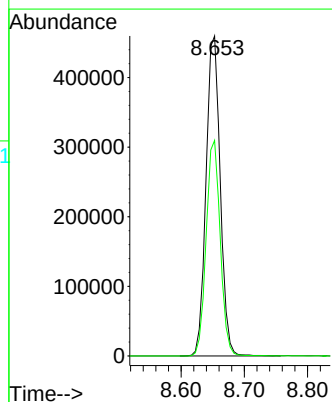
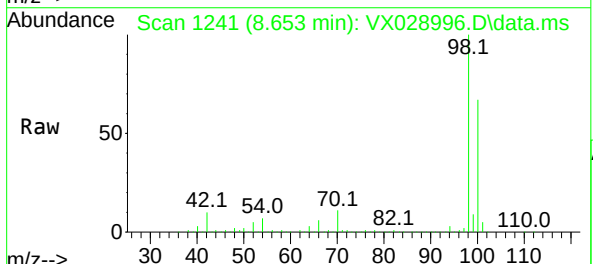
Instrument :
MSVOA_X
ClientSampleId :

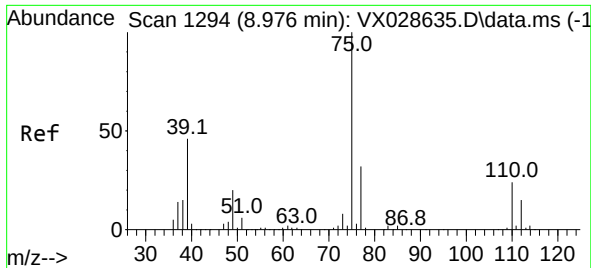
Tgt Ion:130 Resp: 386037
Ion Ratio Lower Upper
130 100
95 99.9 0.0 188.8



#50
Toluene-d8
Concen: 48.230 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

Tgt Ion: 98 Resp: 719704
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

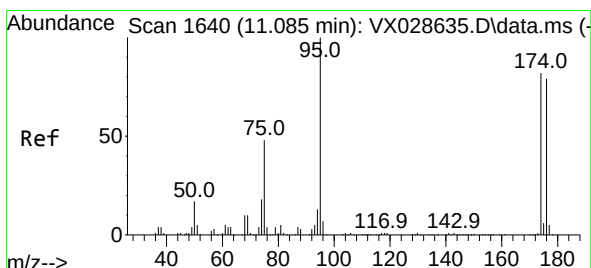
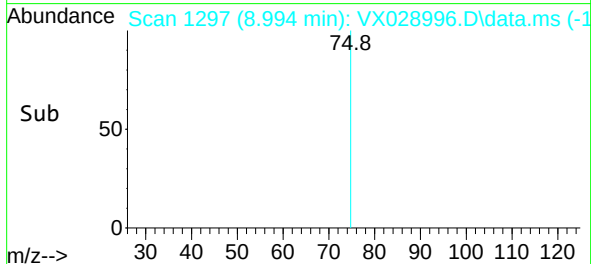
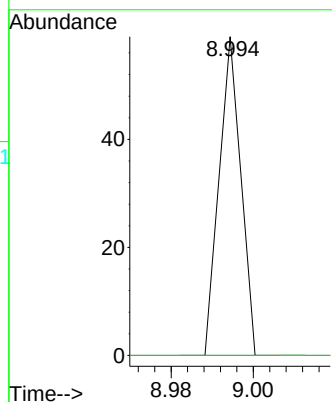
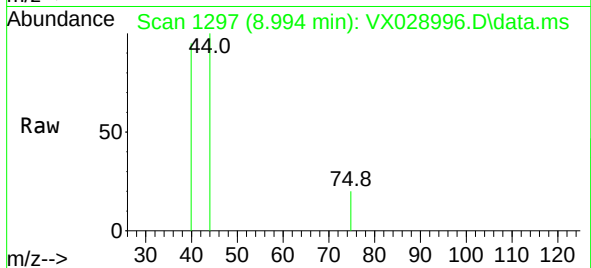




#53
t-1,3-Dichloropropene
Concen: 1.644 ug/l
RT: 8.994 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

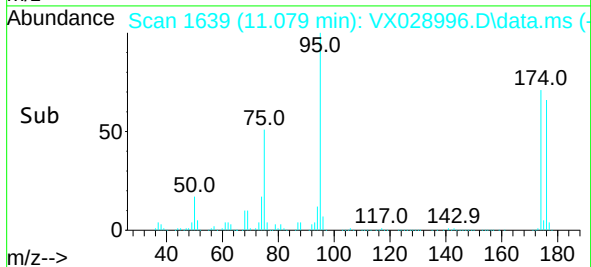
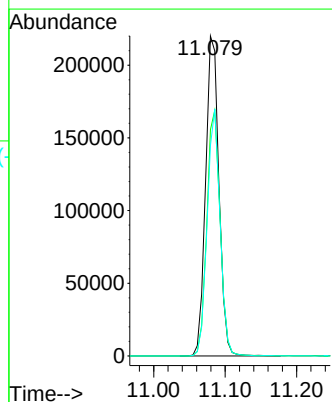
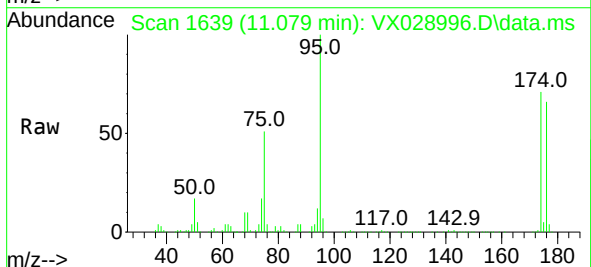
Instrument :
MSVOA_X
ClientSampleId :

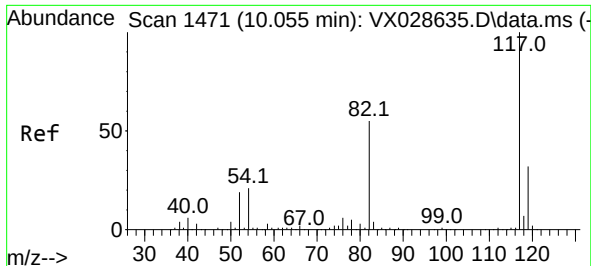
Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 51.231 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

Tgt Ion: 95 Resp: 285539
Ion Ratio Lower Upper
95 100
174 76.3 0.0 163.0
176 74.4 0.0 155.0

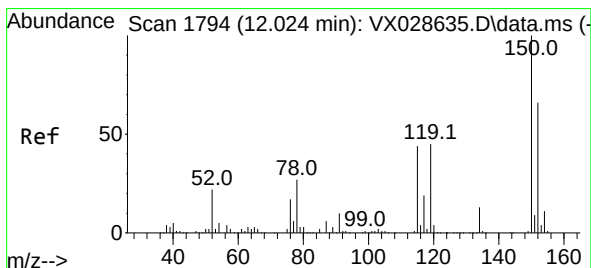
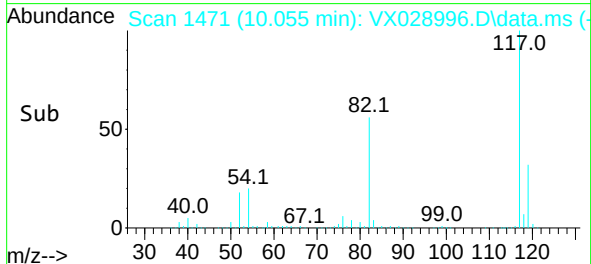
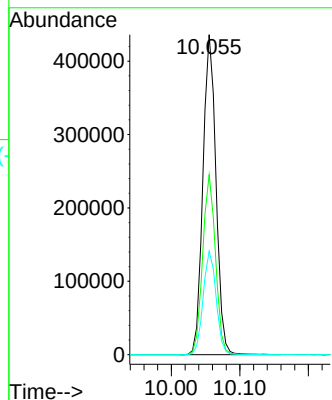
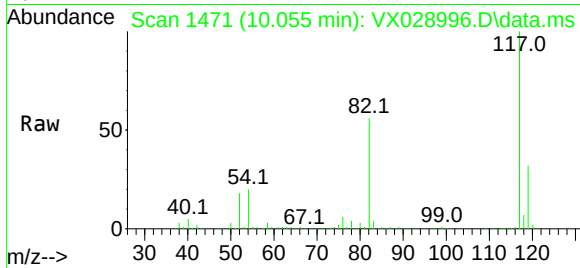




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

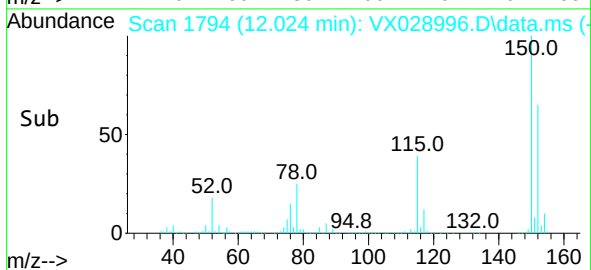
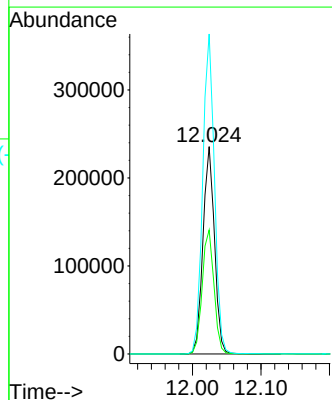
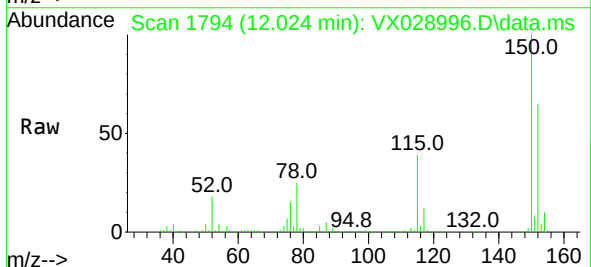
Instrument :
MSVOA_X
ClientSampleId :

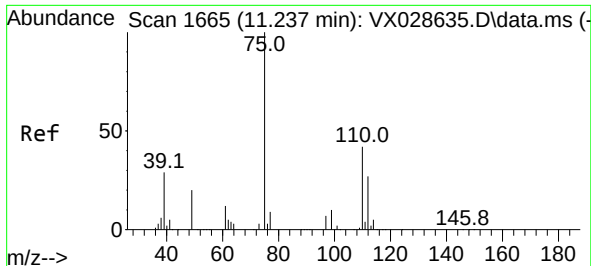
Tgt Ion:117 Resp: 579600
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

Tgt Ion:152 Resp: 276994
Ion Ratio Lower Upper
152 100
115 61.0 37.5 112.7
150 156.4 0.0 338.2

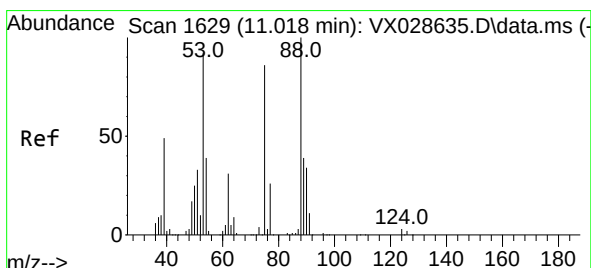
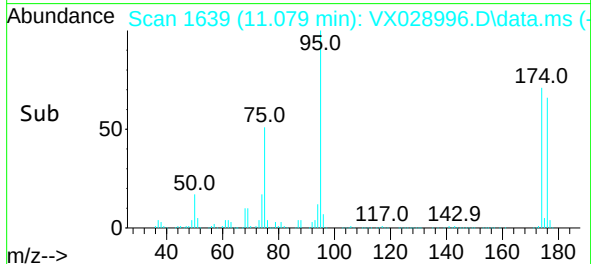
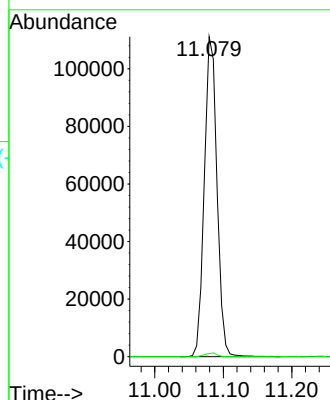
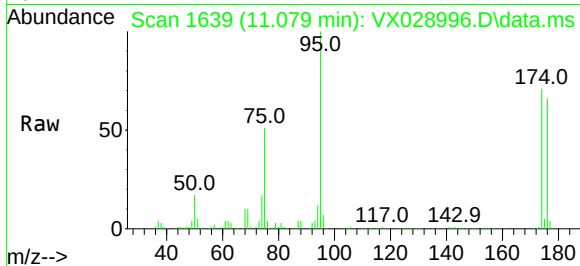




#76
1,2,3-Trichloropropane
Concen: 22.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 143093
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028996.D
Acq: 26 May 2022 14:06

Tgt Ion: 75 Resp: 143093
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

