

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026890.D
 Acq On : 10 Feb 2022 00:38
 Operator : JC/MD
 Sample : N1446-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 03:52:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

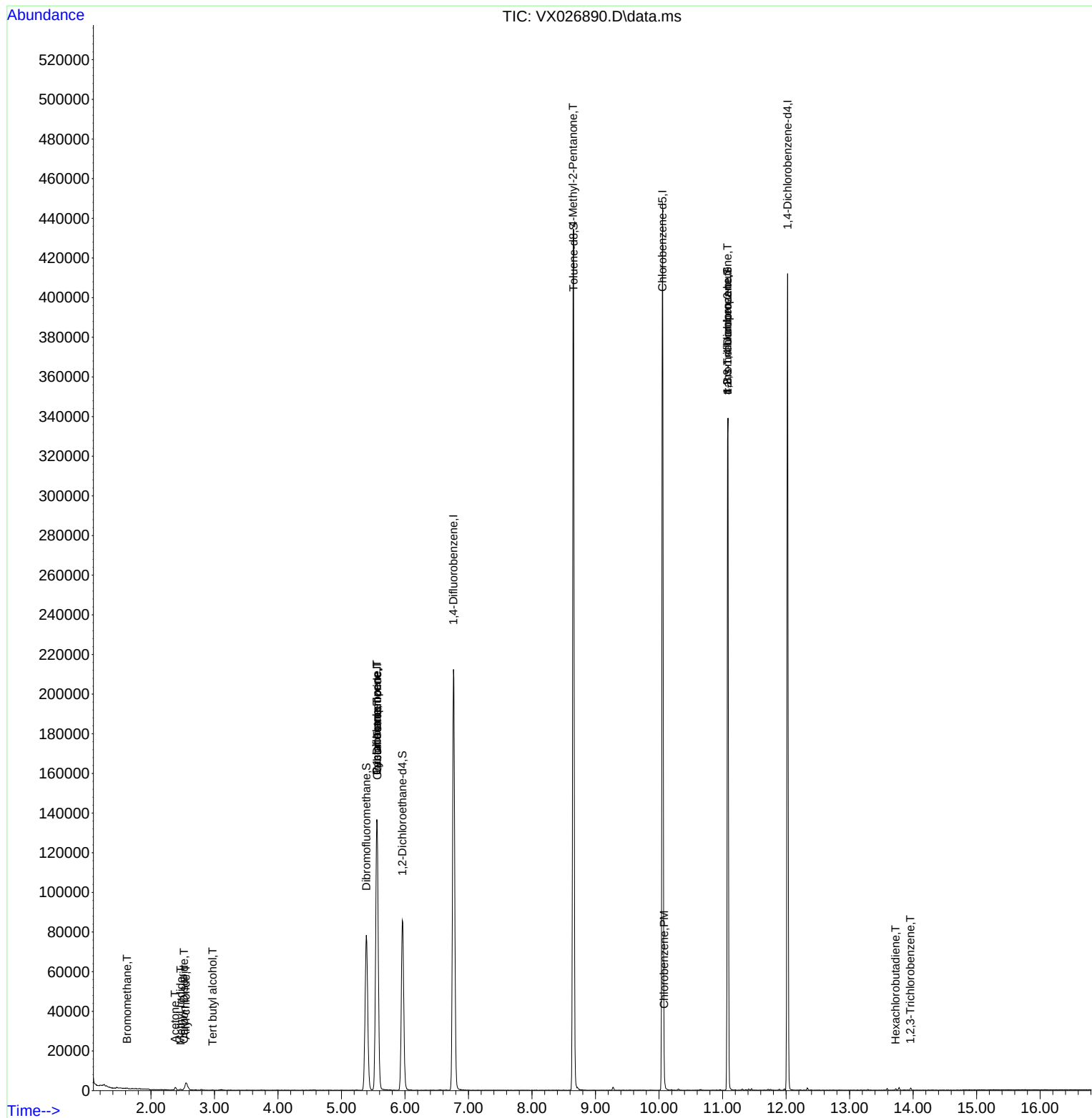
Internal Standards						
1) Pentafluorobenzene	5.556	168	132381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220614	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84246	53.015	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.020%	
35) Dibromofluoromethane	5.391	113	69247	52.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.360%	
50) Toluene-d8	8.653	98	258298	53.537	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	11.079	95	94166	55.437	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	190	0.319	ug/l	86
10) Methyl Iodide	2.465	142	516	2.517	ug/l #	87
11) Tert butyl alcohol	2.971	59	70	0.244	ug/l #	75
14) Allyl chloride	2.544	41	641	0.267	ug/l #	76
16) Acetone	2.380	43	1679	2.406	ug/l	98
17) Carbon Disulfide	2.520	76	924	0.241	ug/l #	74
31) Cyclohexane	5.556	56	2754	1.091	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10044	4.844	ug/l #	51
38) Carbon Tetrachloride	5.562	117	13680	6.291	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1030	0.469	ug/l #	1
65) Chlorobenzene	10.079	112	1550	0.375	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	46966	25.466	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46966	77.614	ug/l #	3
94) Hexachlorobutadiene	13.725	225	215	0.289	ug/l	89
96) 1,2,3-Trichlorobenzene	13.957	180	407	0.228	ug/l #	90

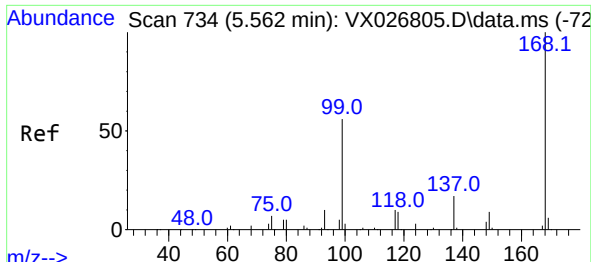
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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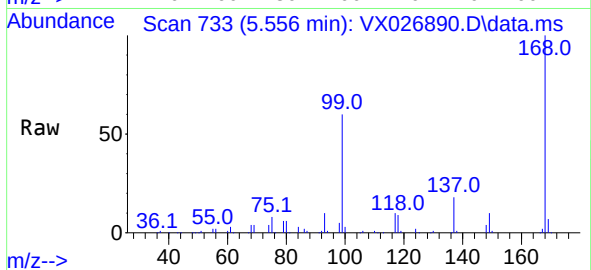
Quant Time: Feb 10 03:52:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



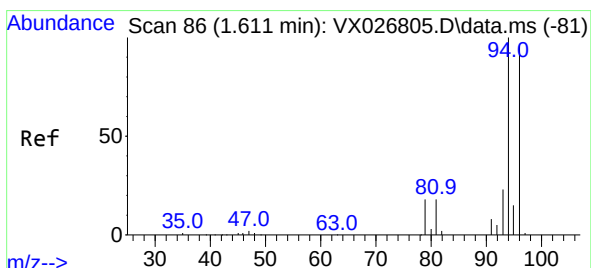
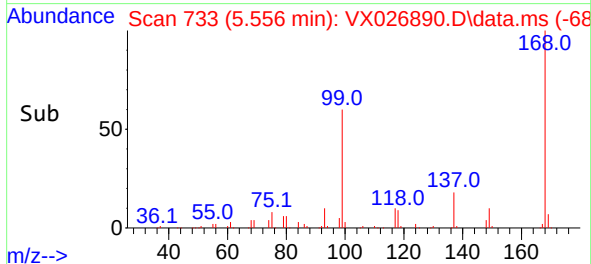
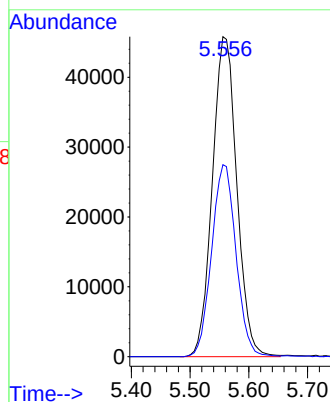


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

Instrument :
MSVOA_X
ClientSampleId :

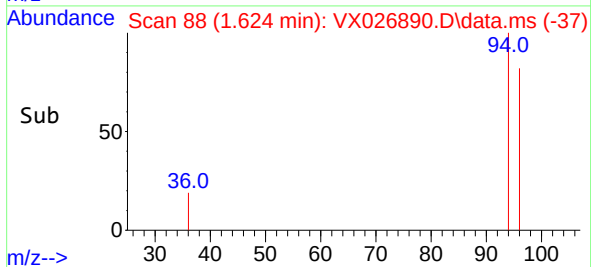
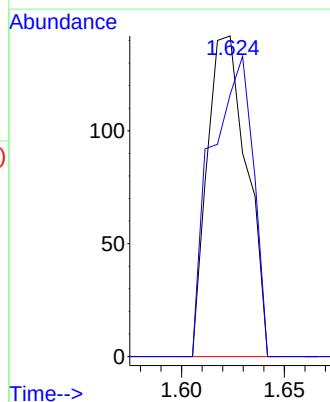
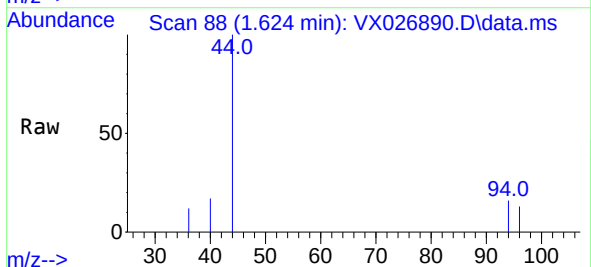


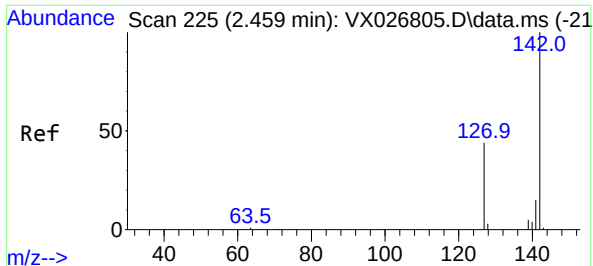
Tgt Ion:168 Resp: 132381
Ion Ratio Lower Upper
168 100
99 60.0 50.3 75.5



#5
Bromomethane
Concen: 0.319 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

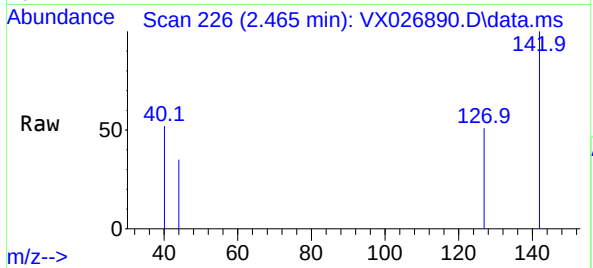
Tgt Ion: 94 Resp: 190
Ion Ratio Lower Upper
94 100
96 81.7 75.9 113.9



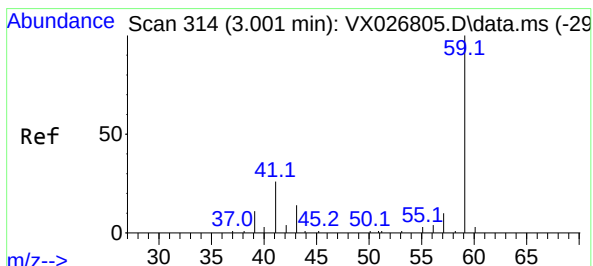
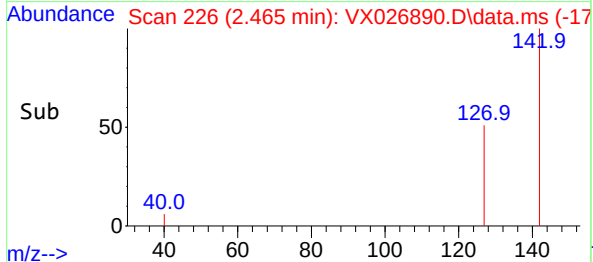
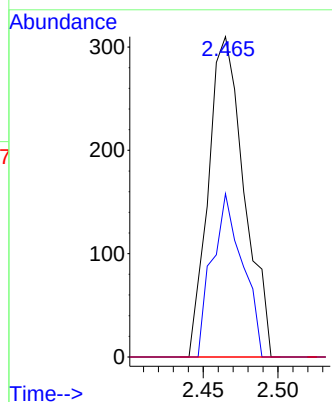


#10
Methyl Iodide
Concen: 2.517 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

Instrument :
MSVOA_X
ClientSampleId :

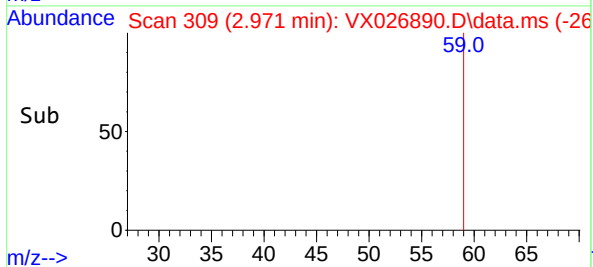
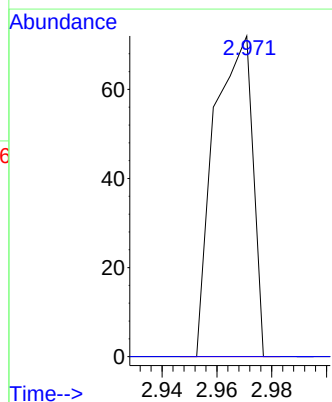
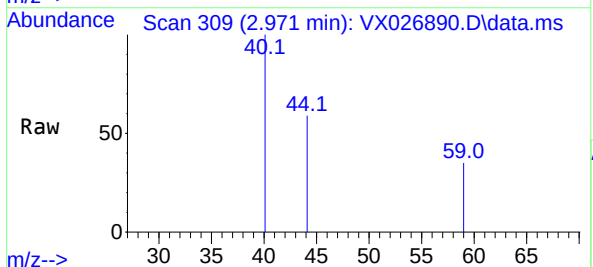


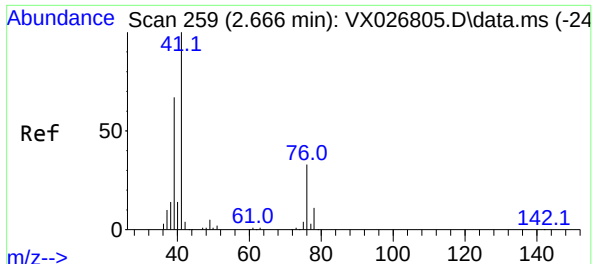
Tgt Ion:142 Resp: 516
Ion Ratio Lower Upper
142 100
127 43.2 38.1 57.1
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.244 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.030 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#14

Allyl chloride

Concen: 0.267 ug/l

RT: 2.544 min Scan# 21

Delta R.T. -0.122 min

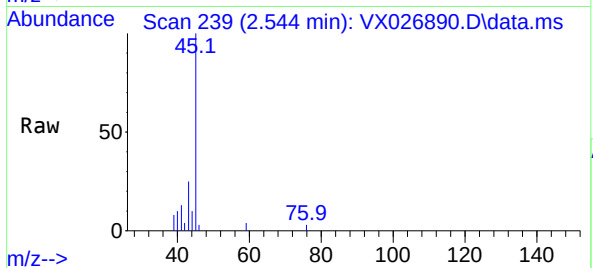
Lab File: VX026890.D

Acq: 10 Feb 2022 00:38

Instrument :

MSVOA_X

ClientSampleId :



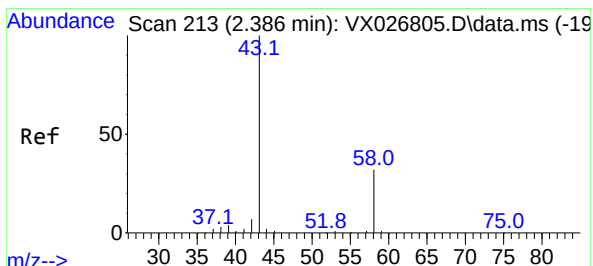
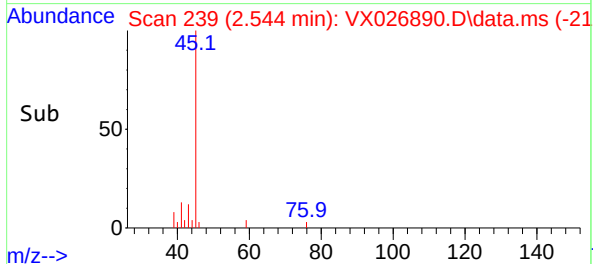
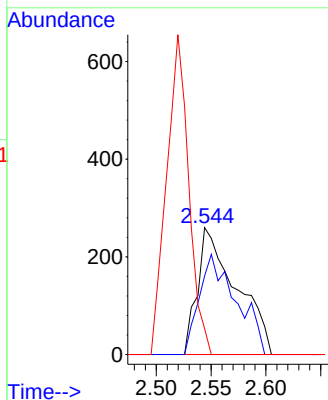
Tgt Ion: 41 Resp: 641

Ion Ratio Lower Upper

41 100

39 74.9 54.2 81.4

76 0.0 25.2 37.8#



#16

Acetone

Concen: 2.406 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX026890.D

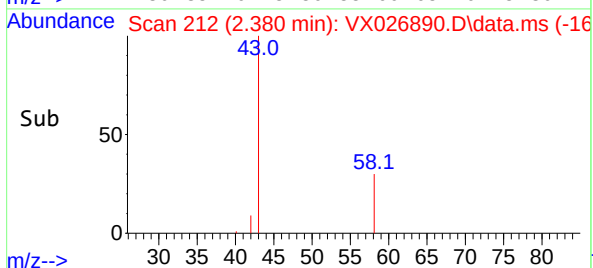
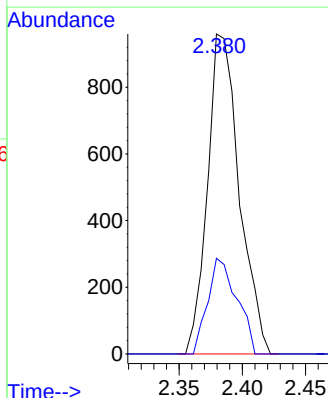
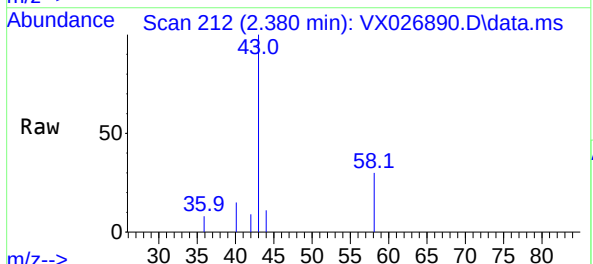
Acq: 10 Feb 2022 00:38

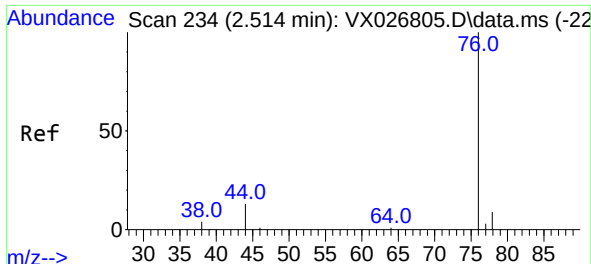
Tgt Ion: 43 Resp: 1679

Ion Ratio Lower Upper

43 100

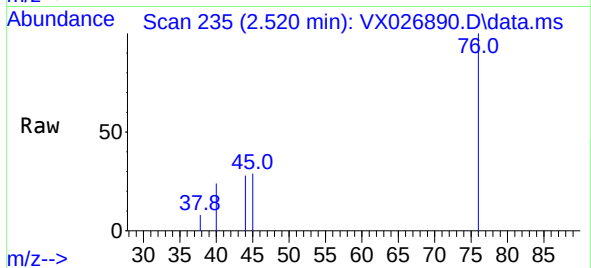
58 29.9 23.0 34.6



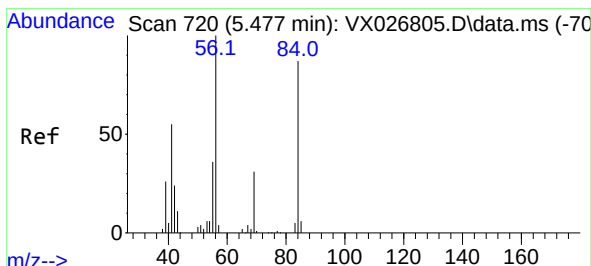
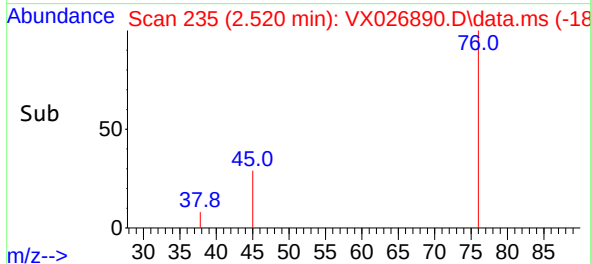
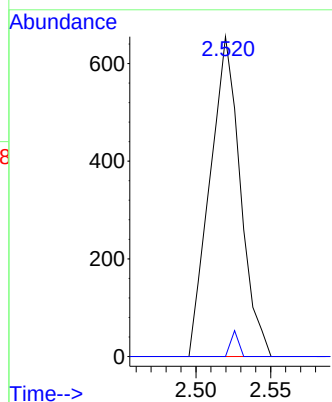


#17
Carbon Disulfide
Concen: 0.241 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

Instrument :
MSVOA_X
ClientSampleId :

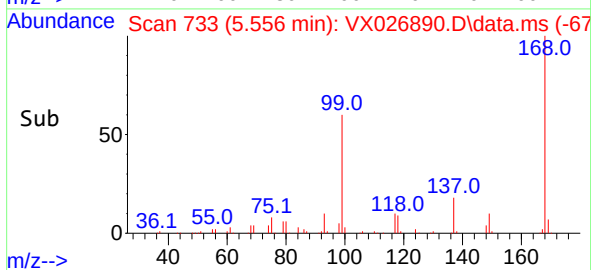
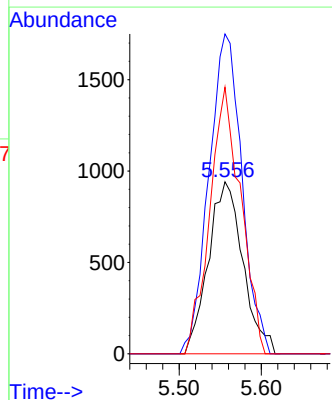
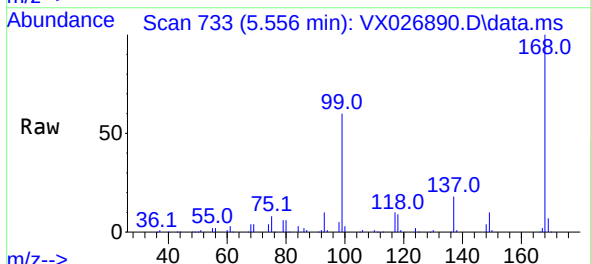


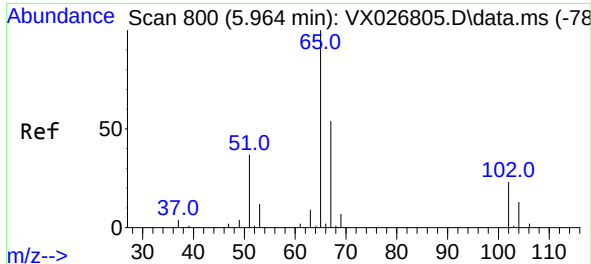
Tgt Ion: 76 Resp: 924
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.091 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

Tgt Ion: 56 Resp: 2754
Ion Ratio Lower Upper
56 100
69 186.0 25.8 38.6#
84 155.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.015 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026890.D

Acq: 10 Feb 2022 00:38

Instrument :

MSVOA_X

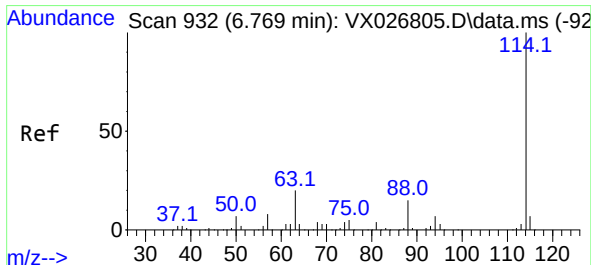
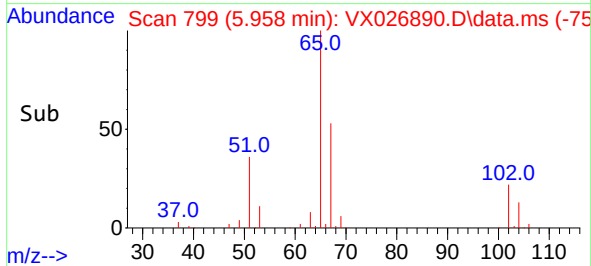
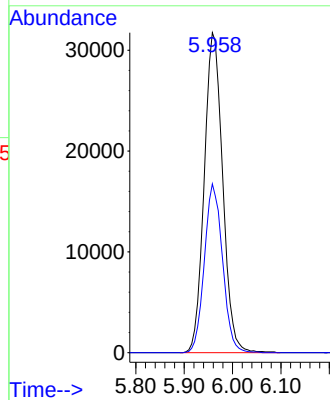
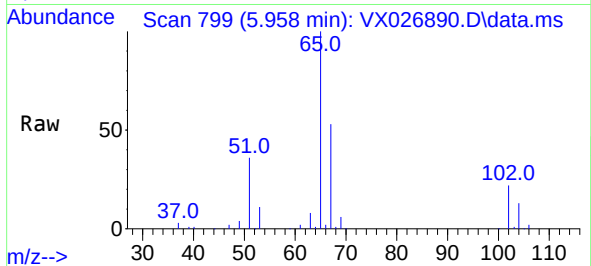
ClientSampleId :

Tgt Ion: 65 Resp: 84246

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026890.D

Acq: 10 Feb 2022 00:38

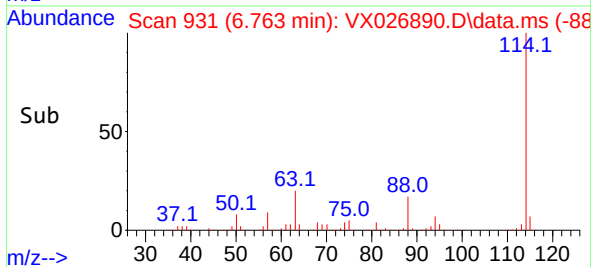
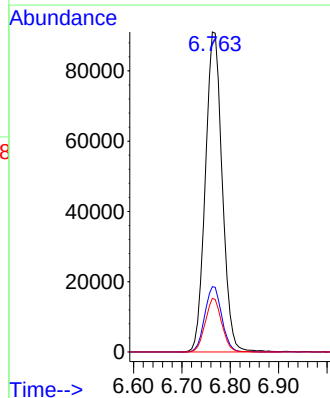
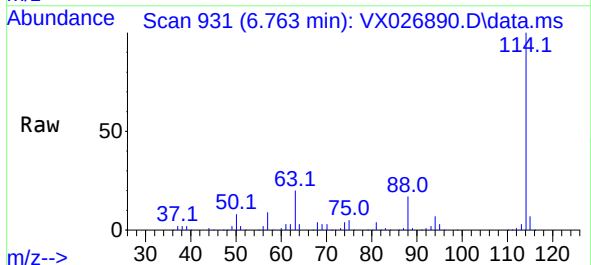
Tgt Ion: 114 Resp: 220614

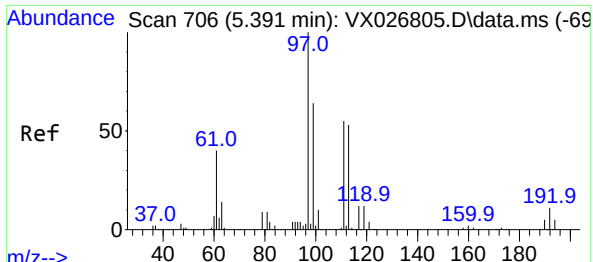
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

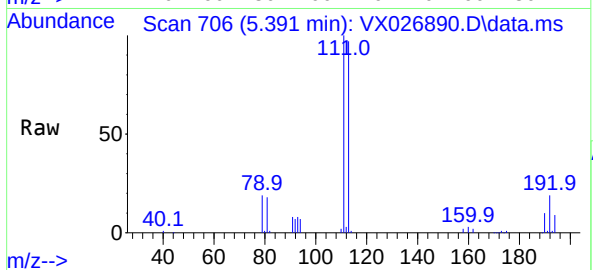
88 16.7 0.0 33.0



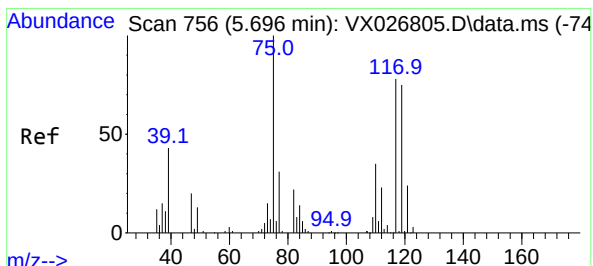
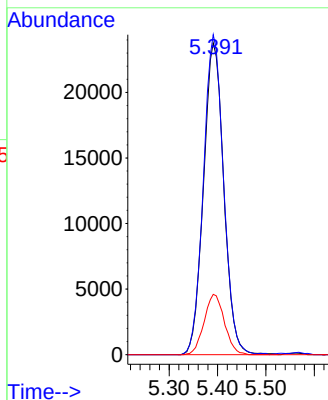
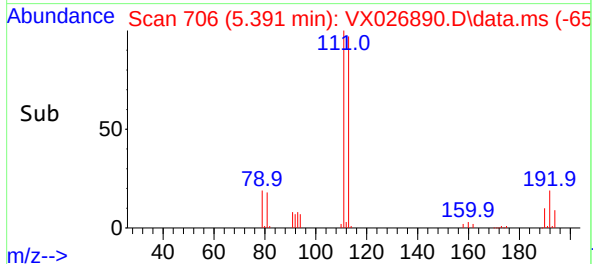


#35
Dibromofluoromethane
Concen: 52.684 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

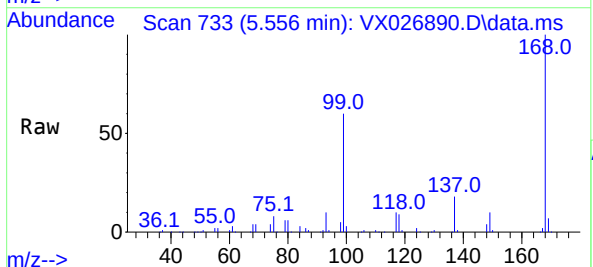
Instrument :
MSVOA_X
ClientSampleId :



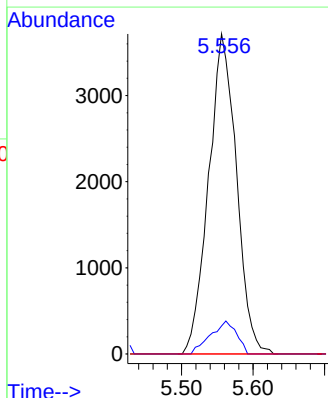
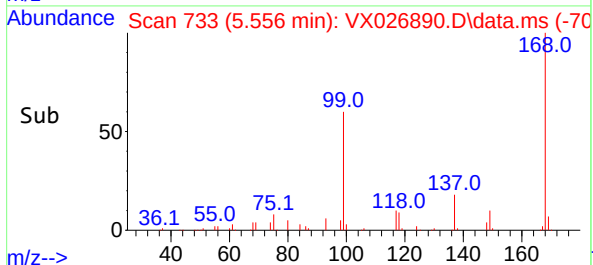
Tgt Ion:113 Resp: 69247
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 19.3 15.0 22.4

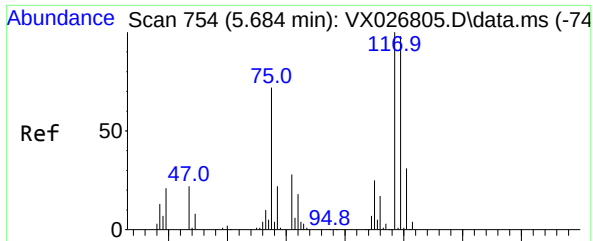


#36
1,1-Dichloropropene
Concen: 4.844 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38



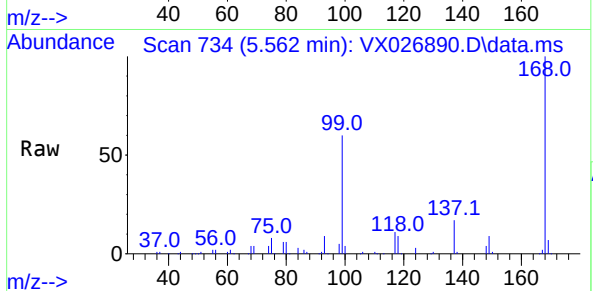
Tgt Ion: 75 Resp: 10044
Ion Ratio Lower Upper
75 100
110 9.7 17.2 51.6#
77 0.0 24.6 36.8#



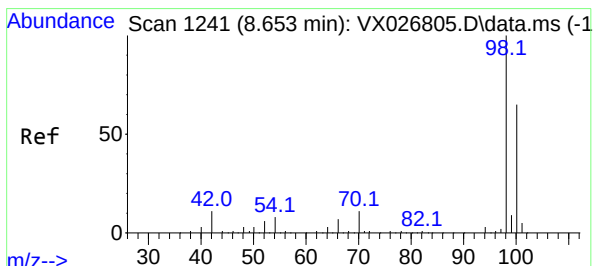
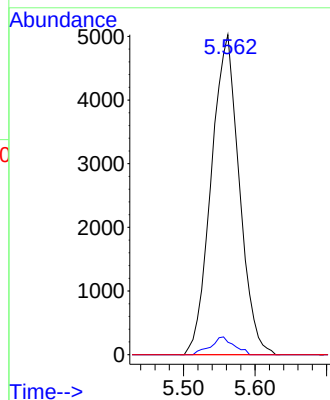
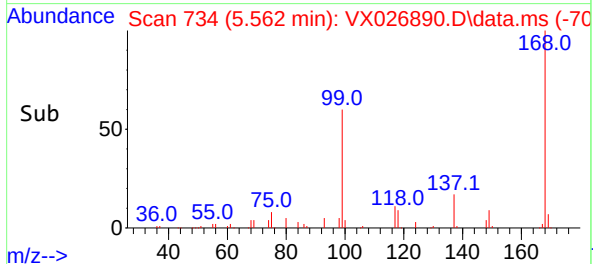


#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

Instrument :
MSVOA_X
ClientSampleId :

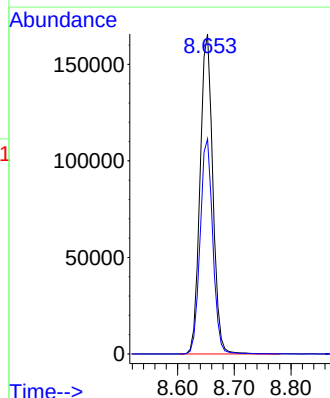
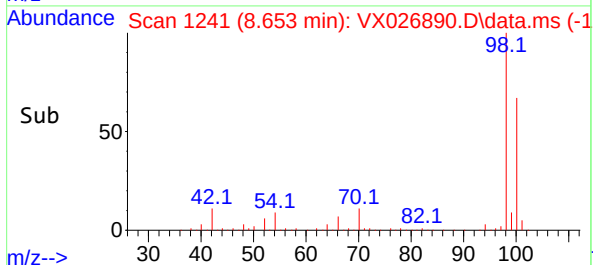
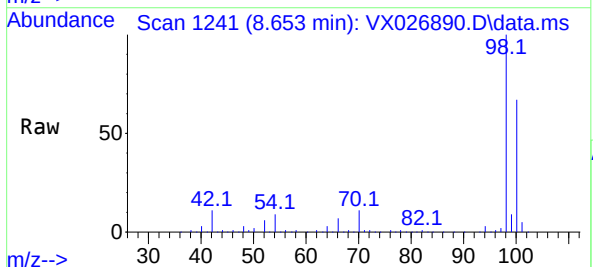


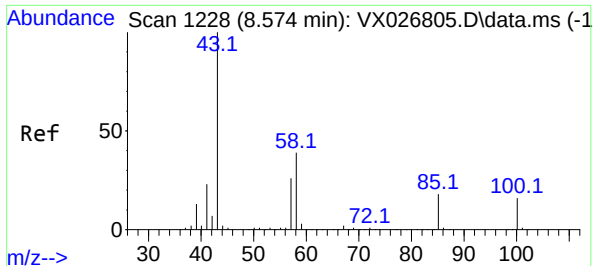
Tgt Ion:117 Resp: 13680
Ion Ratio Lower Upper
117 100
119 3.9 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 53.537 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

Tgt Ion: 98 Resp: 258298
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8

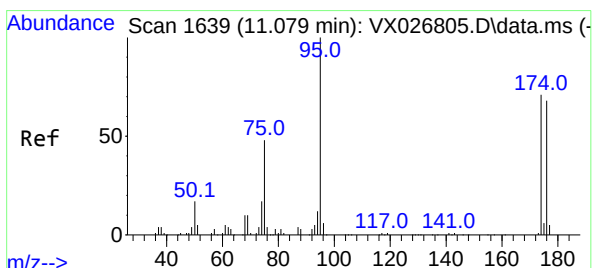
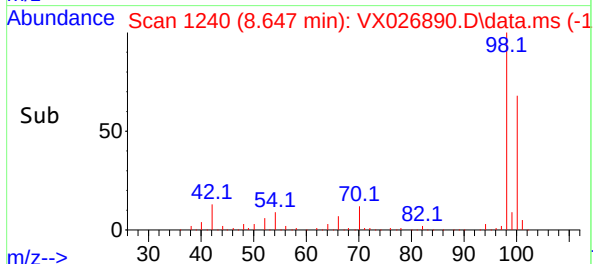
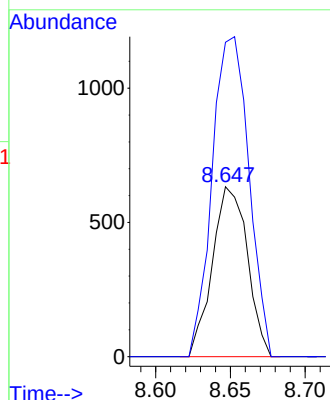
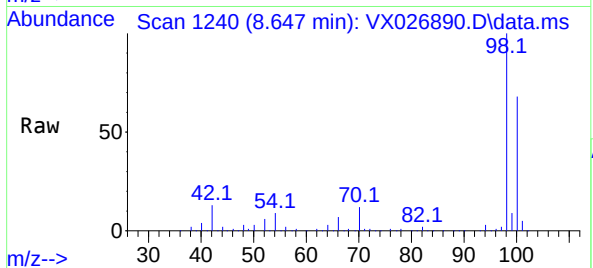




#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

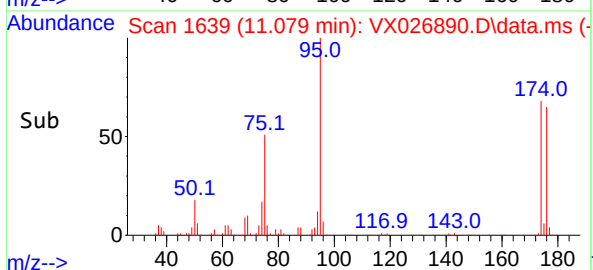
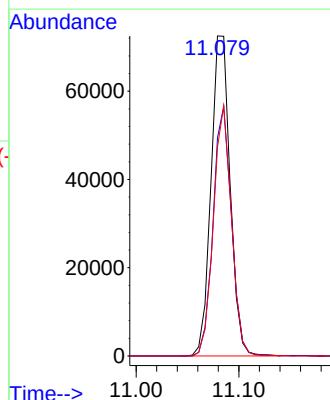
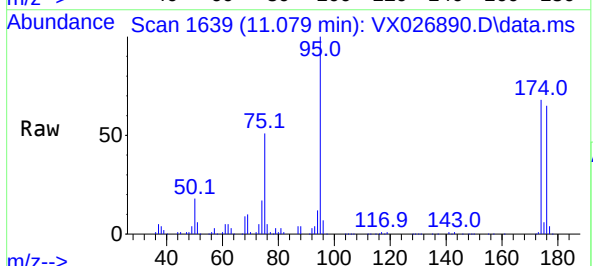
Instrument :
MSVOA_X
ClientSampleId :

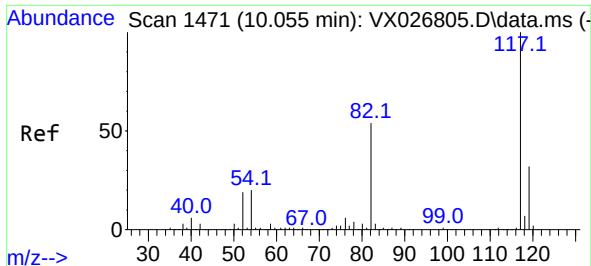
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 197.5 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 55.437 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

Tgt Ion: 95 Resp: 94166
Ion Ratio Lower Upper
95 100
174 74.6 0.0 148.6
176 73.4 0.0 141.4

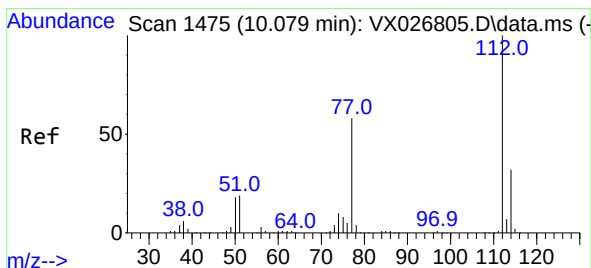
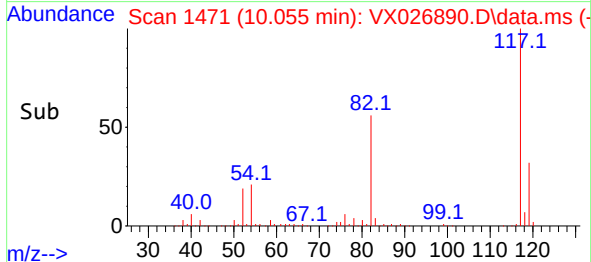
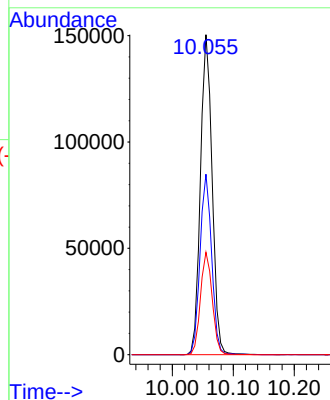
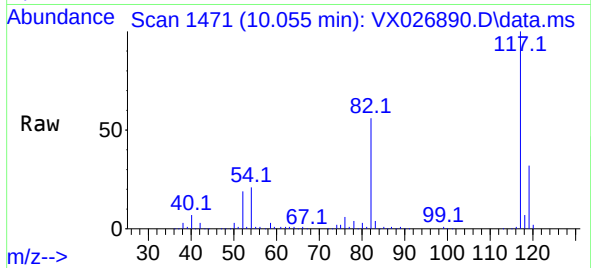




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

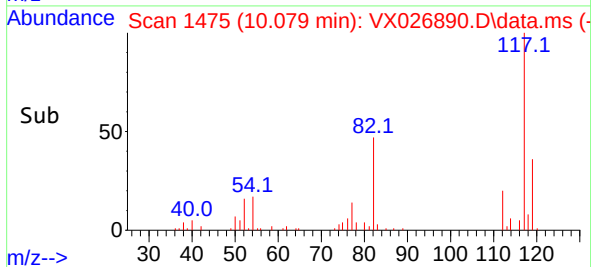
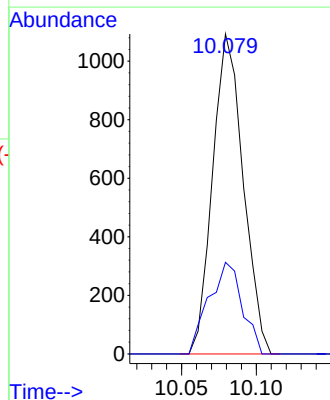
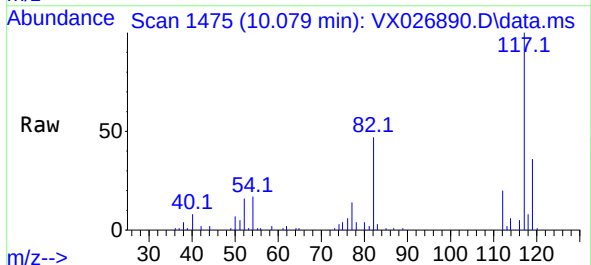
Instrument :
MSVOA_X
ClientSampleId :

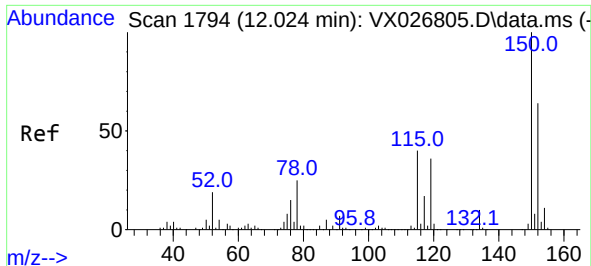
Tgt Ion:117 Resp: 200029
Ion Ratio Lower Upper
117 100
82 56.4 45.2 67.8
119 32.0 26.2 39.2



#65
Chlorobenzene
Concen: 0.375 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

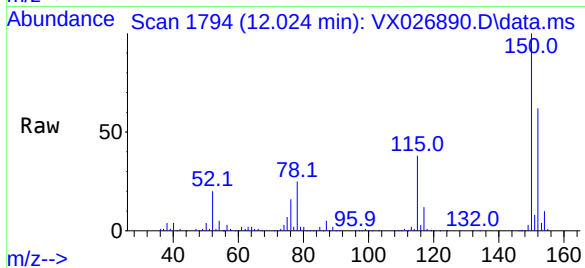
Tgt Ion:112 Resp: 1550
Ion Ratio Lower Upper
112 100
114 28.6 25.3 37.9



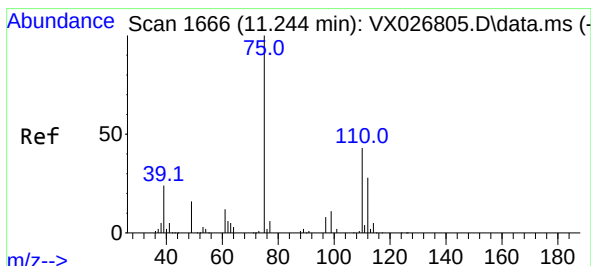
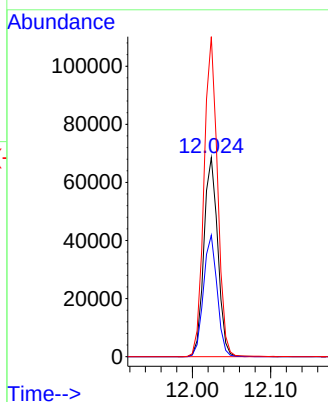
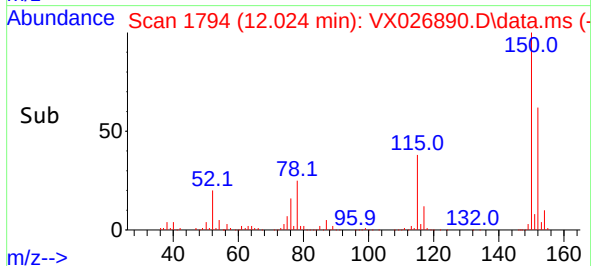


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

Instrument :
MSVOA_X
ClientSampleId :

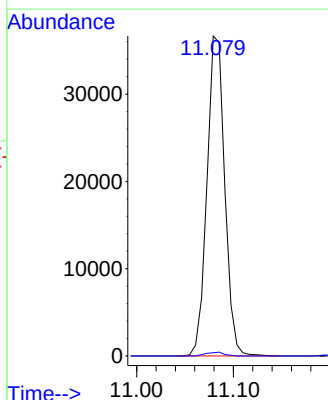
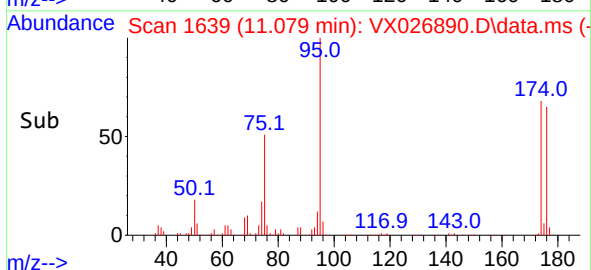
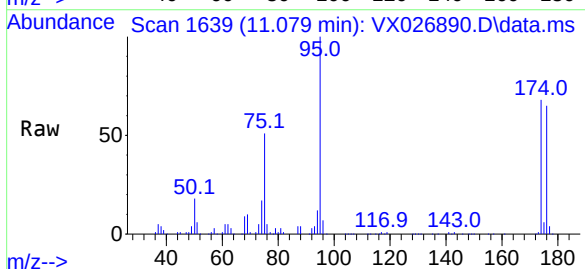


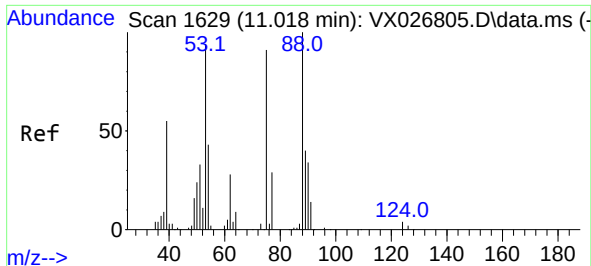
Tgt Ion:152 Resp: 84249
Ion Ratio Lower Upper
152 100
115 60.1 44.2 132.6
150 156.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

Tgt Ion: 75 Resp: 46966
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#

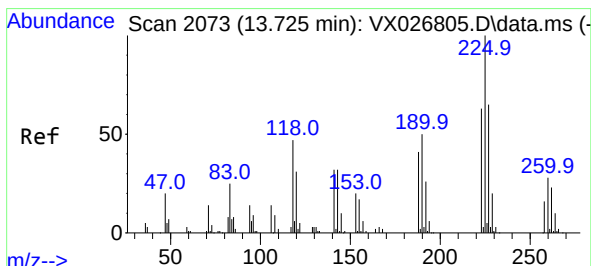
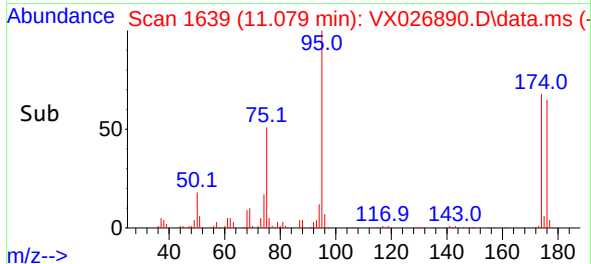
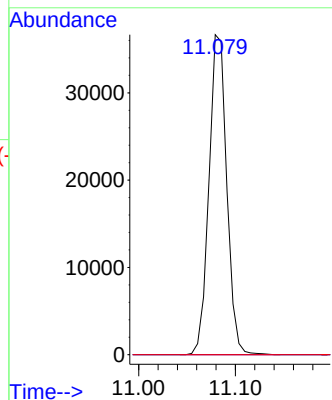
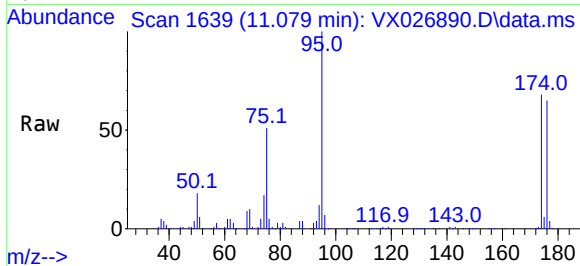




#81
trans-1,4-Dichloro-2-butene
Concen: 77.614 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

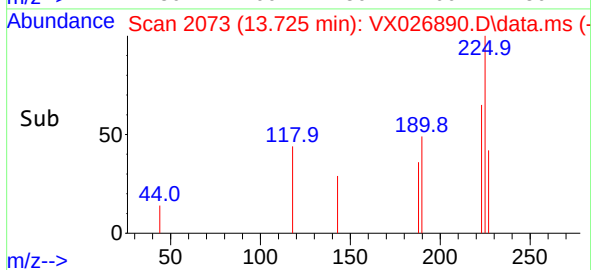
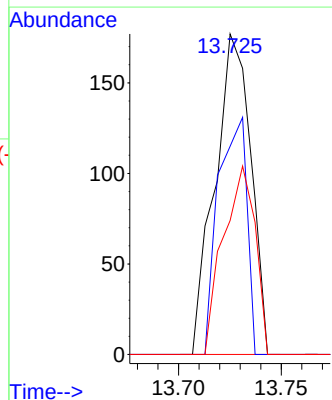
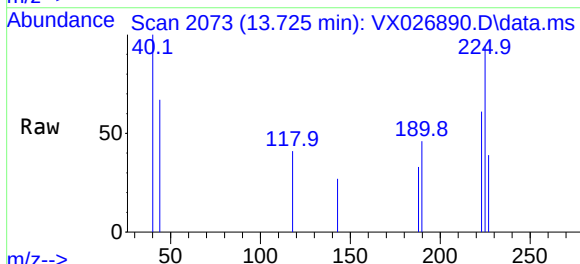
Instrument :
MSVOA_X
ClientSampleId :

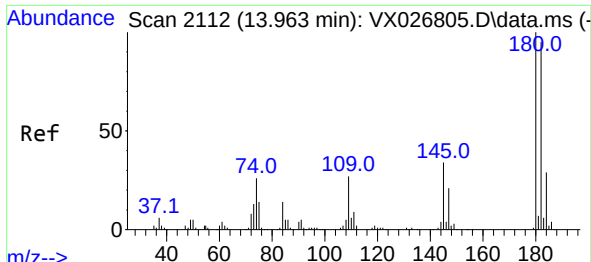
Tgt Ion: 75 Resp: 46966
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#94
Hexachlorobutadiene
Concen: 0.289 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX026890.D
Acq: 10 Feb 2022 00:38

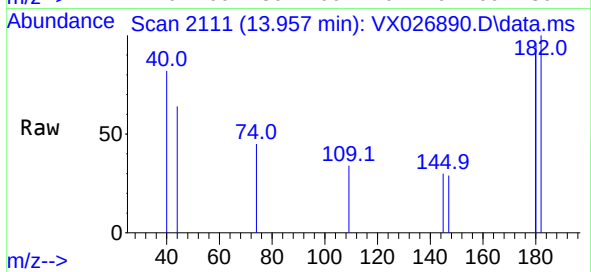
Tgt Ion: 225 Resp: 215
Ion Ratio Lower Upper
225 100
223 58.6 32.0 96.0
227 52.6 32.3 96.9





#96
 1,2,3-Trichlorobenzene
 Concen: 0.228 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX026890.D
 Acq: 10 Feb 2022 00:38

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 407
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.2 141.6
 145 15.5 17.5 52.5#

