

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026940.D
 Acq On : 10 Feb 2022 23:41
 Operator : JC/MD
 Sample : VX0210WBL03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBL03

Quant Time: Feb 11 04:05:43 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)

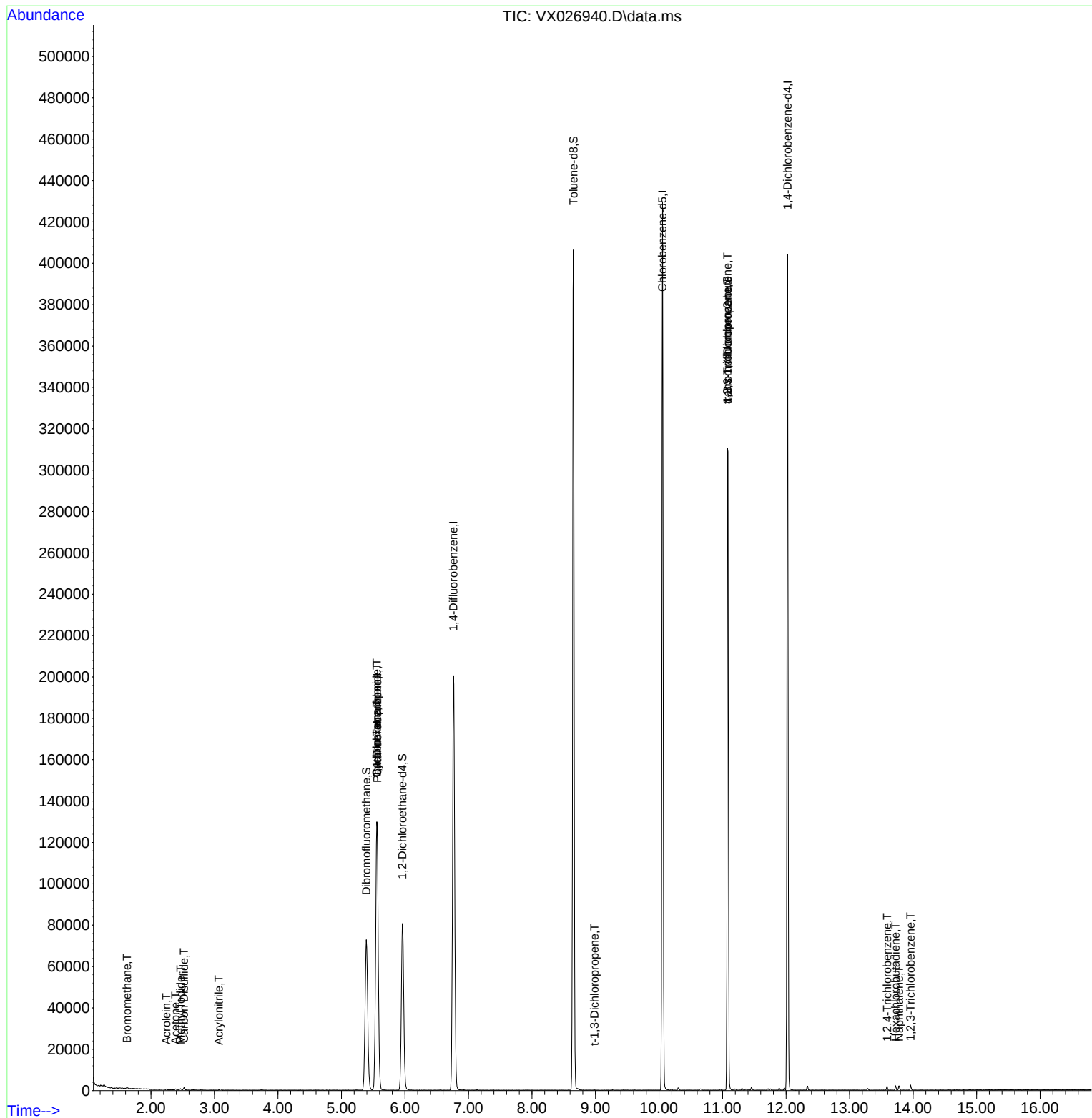
Internal Standards						
1) Pentafluorobenzene	5.562	168	124035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78232	52.543	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.080%			
35) Dibromofluoromethane	5.391	113	64560	52.619	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	8.653	98	241763	53.681	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.360%			
62) 4-Bromofluorobenzene	11.079	95	89247	56.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.580%			
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	256	0.459	ug/l	84
10) Methyl Iodide	2.465	142	610	2.585	ug/l #	92
13) Acrolein	2.239	56	119	0.479	ug/l #	59
15) Acrylonitrile	3.068	53	240	0.311	ug/l #	69
16) Acetone	2.386	43	538	0.823	ug/l	91
17) Carbon Disulfide	2.520	76	1375	0.383	ug/l	99
31) Cyclohexane	5.556	56	2627	1.110	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9446	4.880	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12840	6.326	ug/l #	18
53) t-1,3-Dichloropropene	8.982	75	79	1.387	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	44517	25.561	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44517	77.889	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.591	180	598	0.360	ug/l	97
94) Hexachlorobutadiene	13.725	225	378	0.538	ug/l	97
95) Naphthalene	13.780	128	1795	0.308	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	657	0.390	ug/l	91

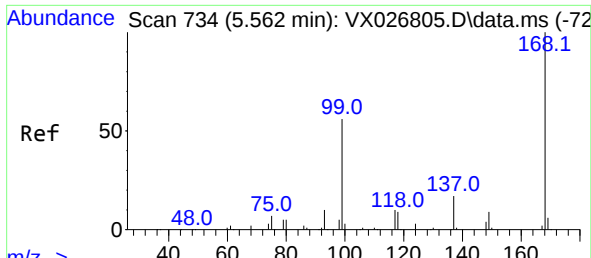
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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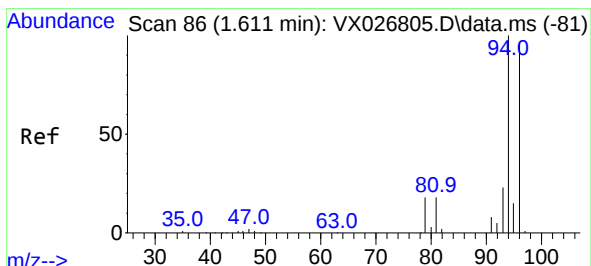
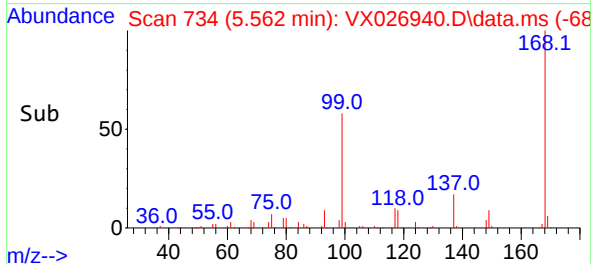
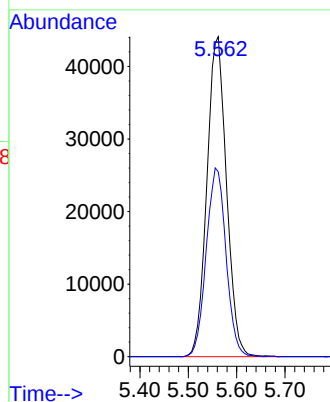
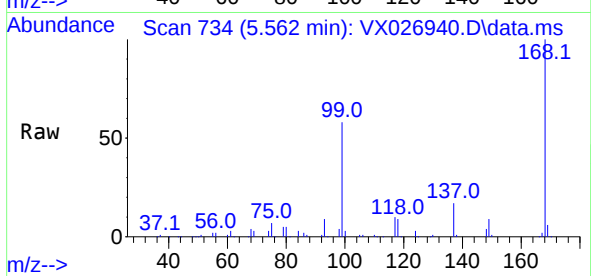




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

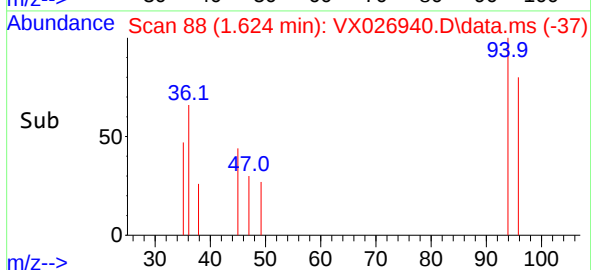
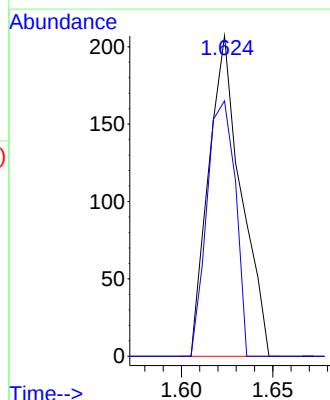
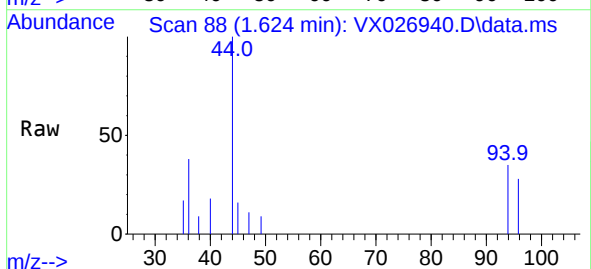
Instrument :
MSVOA_X
ClientSampleId :
VX0210WBL03

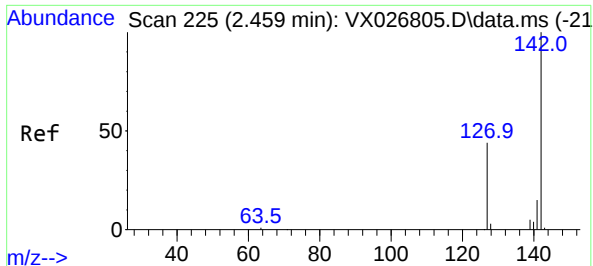
Tgt Ion:168 Resp: 124035
Ion Ratio Lower Upper
168 100
99 57.8 50.3 75.5



#5
Bromomethane
Concen: 0.459 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 79.7 75.9 113.9

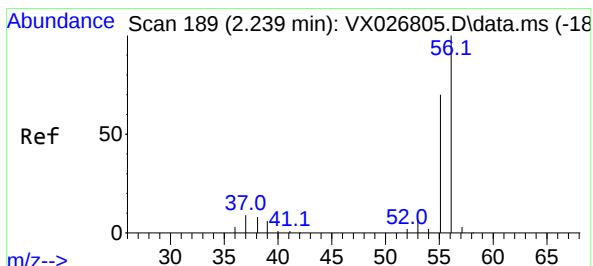
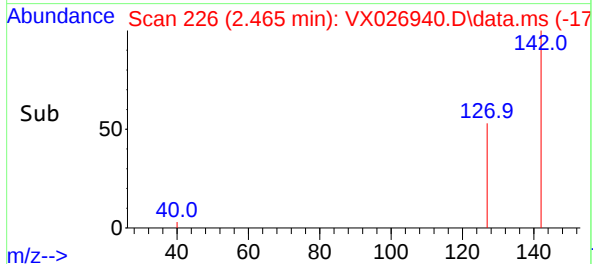
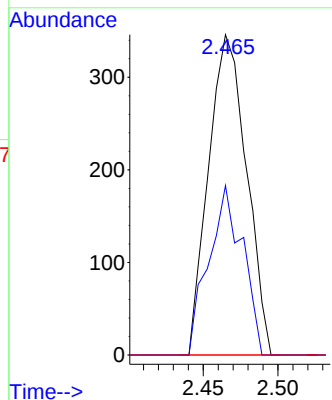
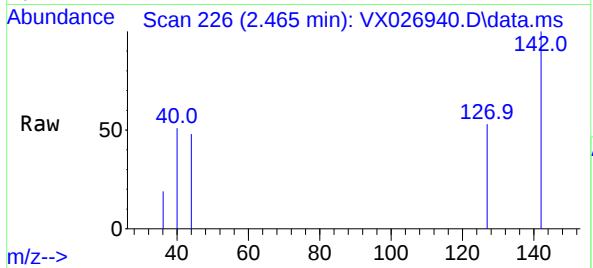




#10
Methyl Iodide
Concen: 2.585 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

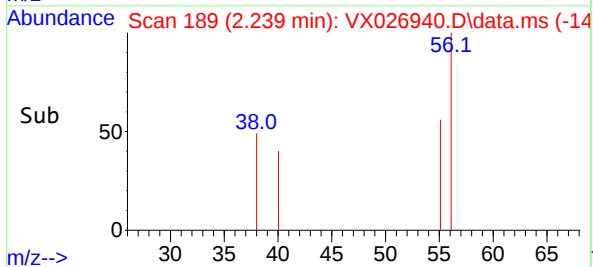
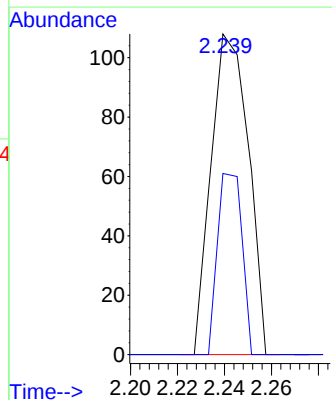
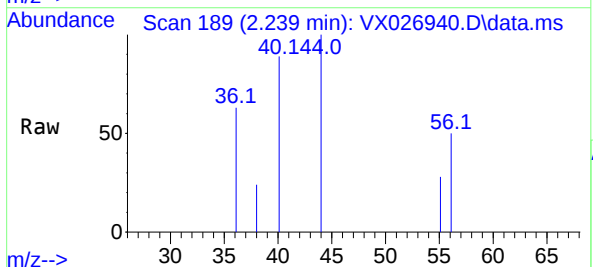
Instrument :
MSVOA_X
ClientSampleId :
VX0210WBL03

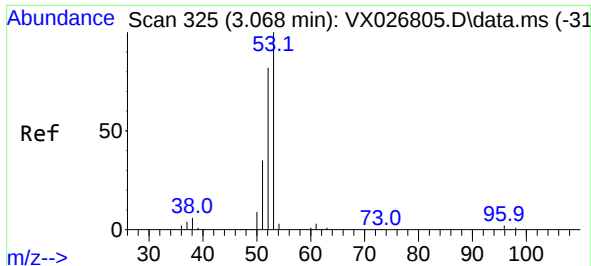
Tgt Ion:142 Resp: 610
Ion Ratio Lower Upper
142 100
127 47.4 38.1 57.1
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 0.479 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 37.0 56.9 85.3#

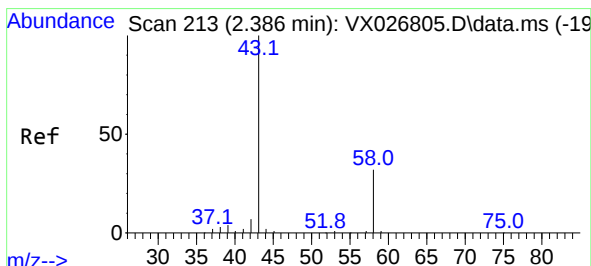
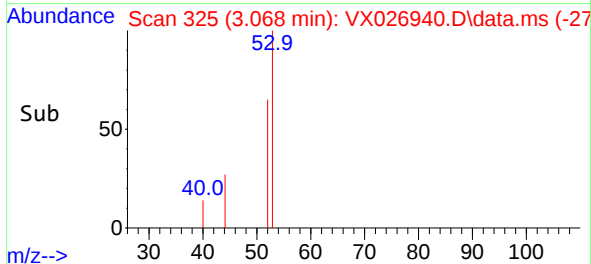
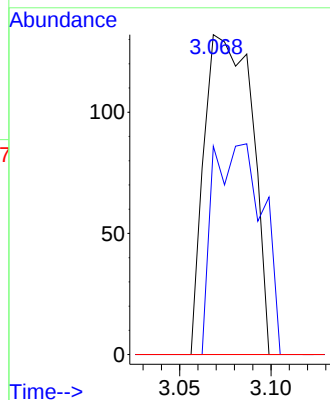
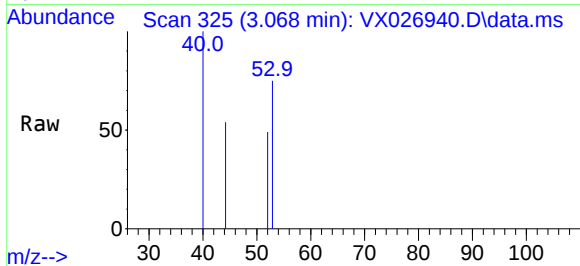




#15
Acrylonitrile
Concen: 0.311 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

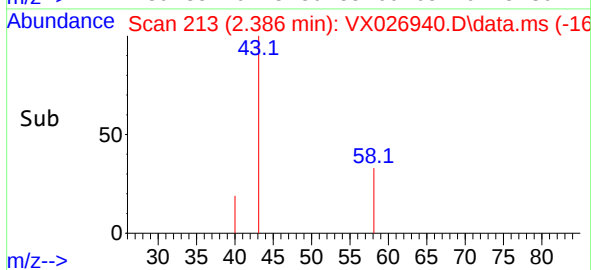
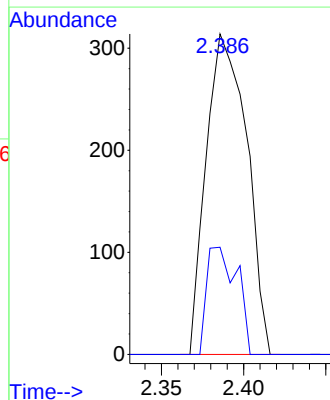
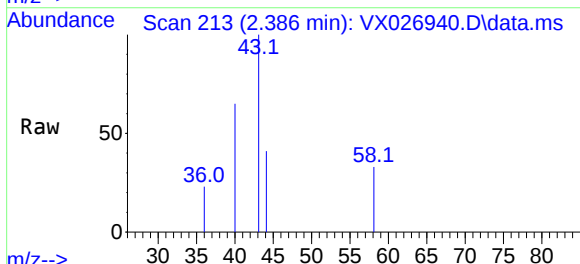
Instrument :
MSVOA_X
ClientSampleId :
VX0210WBL03

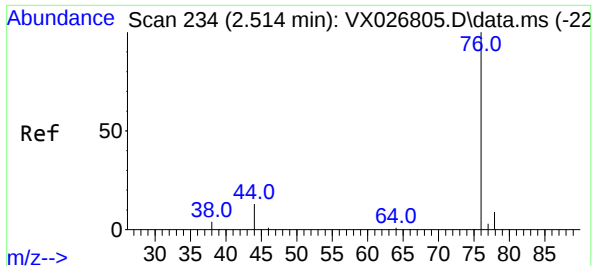
Tgt Ion: 53	Resp:	240	
Ion Ratio	Lower	Upper	
53	100		
52	68.3	66.6	100.0
51	0.0	29.5	44.3#



#16
Acetone
Concen: 0.823 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

Tgt Ion: 43	Resp:	538	
Ion	Ratio	Lower	Upper
43	100		
58	33.4	23.0	34.6

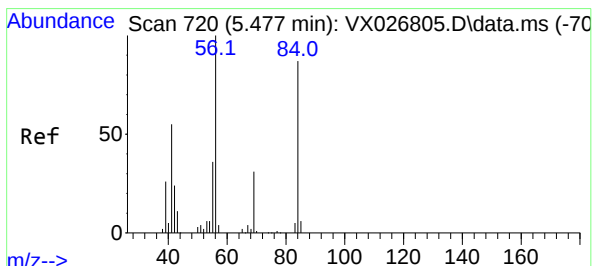
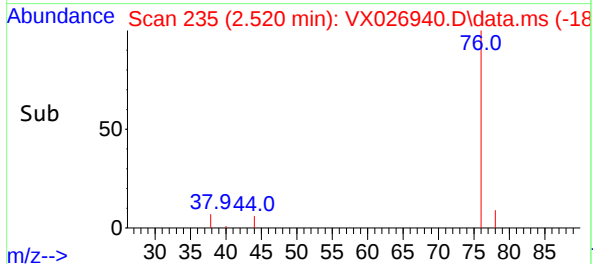
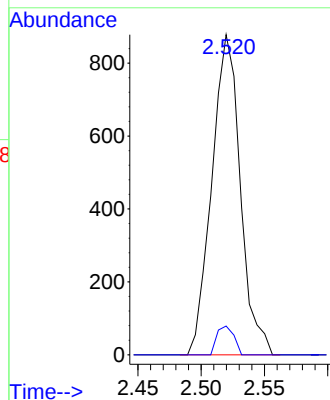
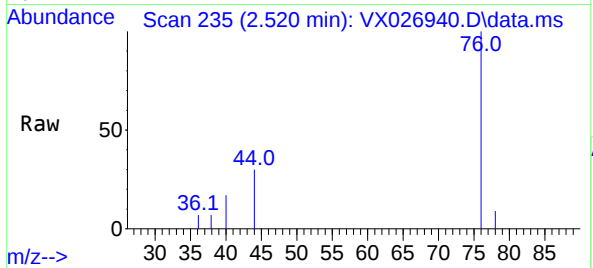




#17
Carbon Disulfide
Concen: 0.383 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

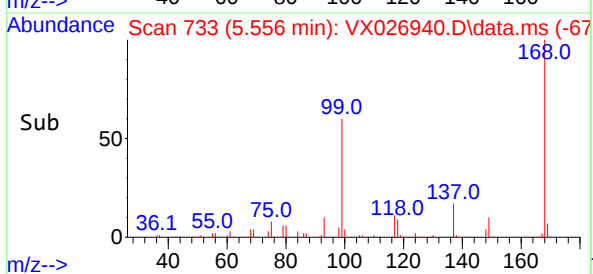
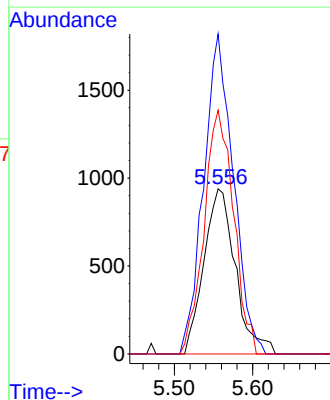
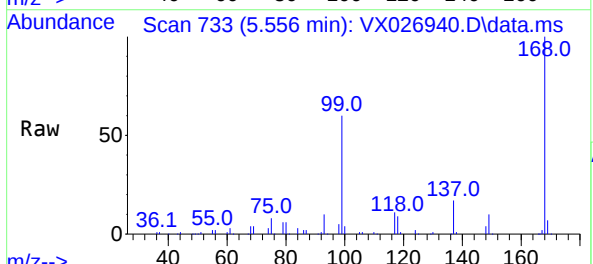
Instrument :
MSVOA_X
ClientSampleId :
VX0210WBL03

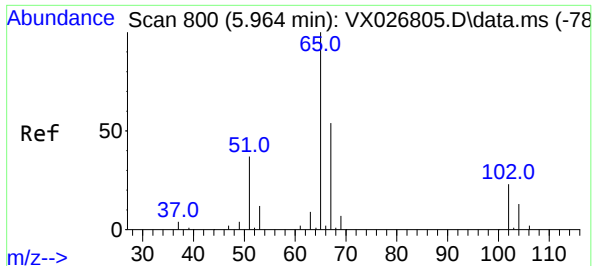
Tgt Ion: 76 Resp: 1375
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

Tgt Ion: 56 Resp: 2627
Ion Ratio Lower Upper
56 100
69 193.8 25.8 38.6#
84 147.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 52.543 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026940.D

Acq: 10 Feb 2022 23:41

Instrument :

MSVOA_X

ClientSampleId :

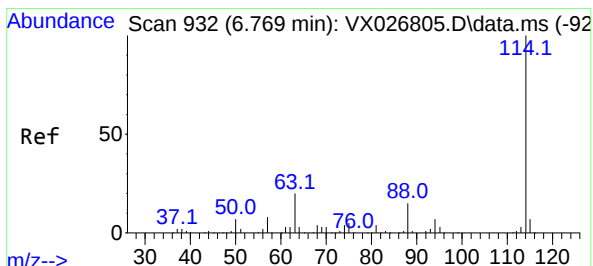
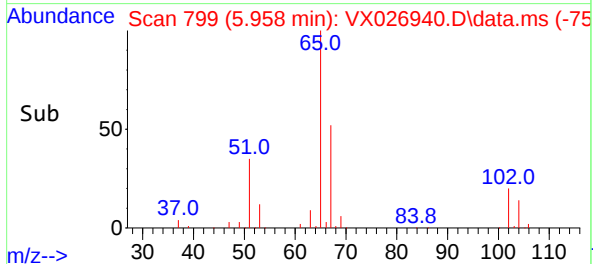
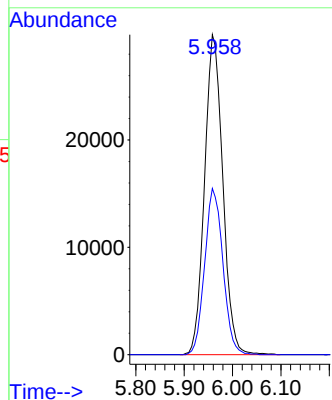
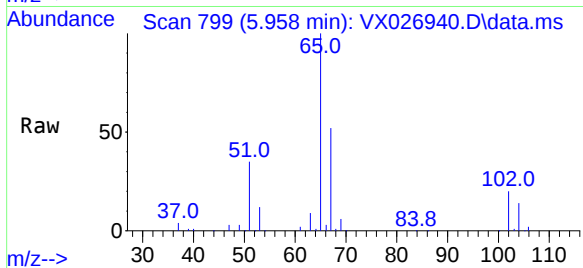
VX0210WBL03

Tgt Ion: 65 Resp: 78232

Ion Ratio Lower Upper

65 100

67 51.9 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: VX026940.D

Acq: 10 Feb 2022 23:41

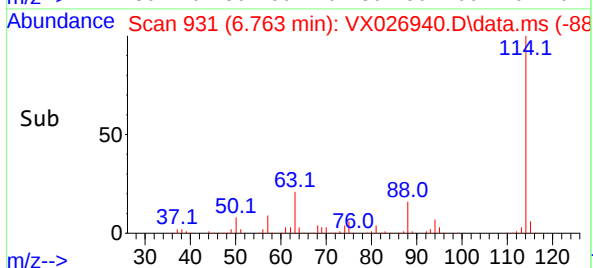
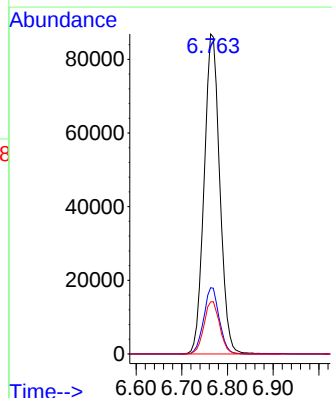
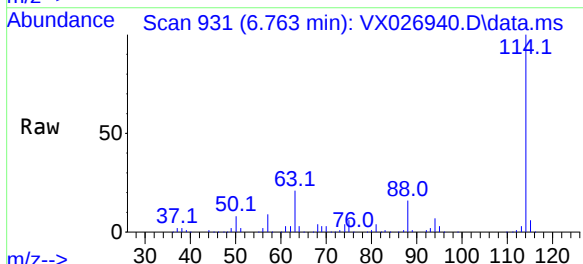
Tgt Ion: 114 Resp: 205936

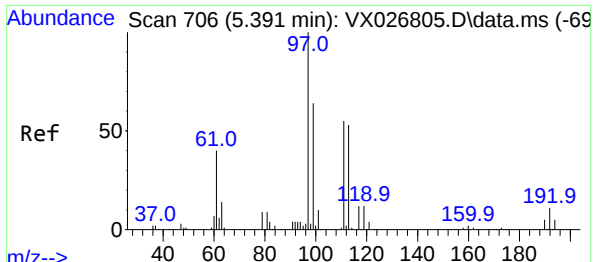
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

88 16.2 0.0 33.0

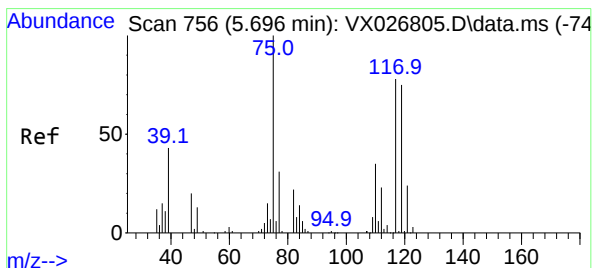
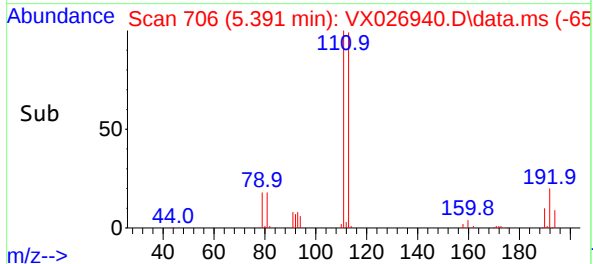
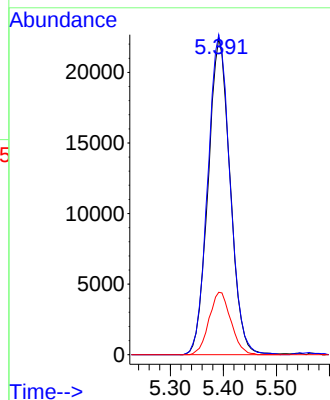
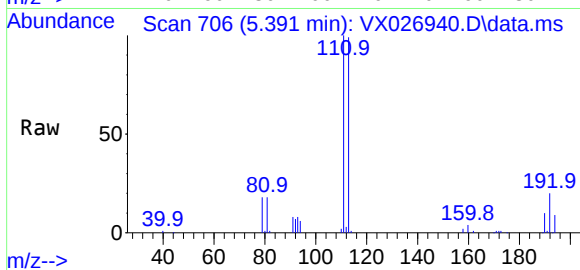




#35
Dibromofluoromethane
Concen: 52.619 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

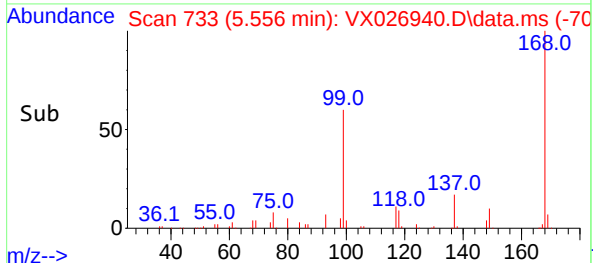
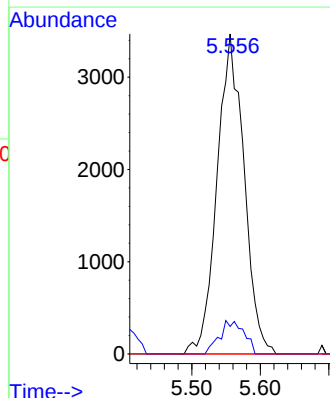
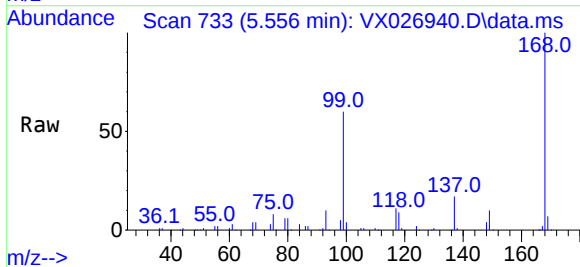
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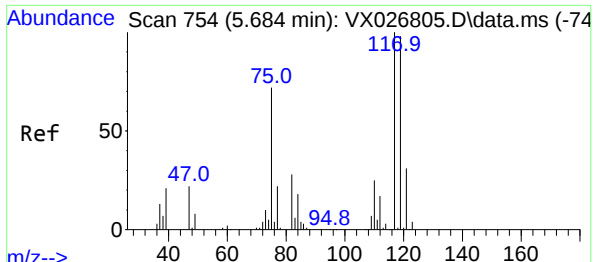
Tgt Ion:113 Resp: 64560
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 19.6 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

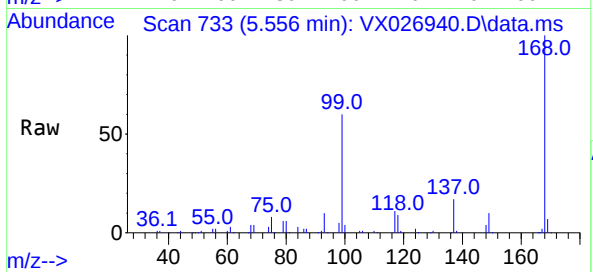
Tgt Ion: 75 Resp: 9446
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



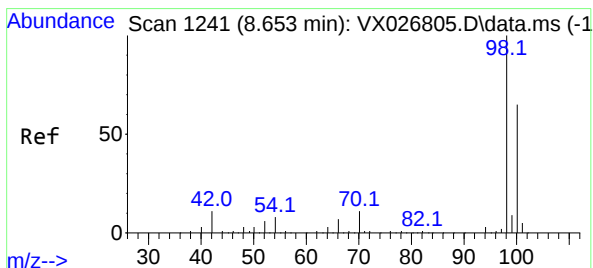
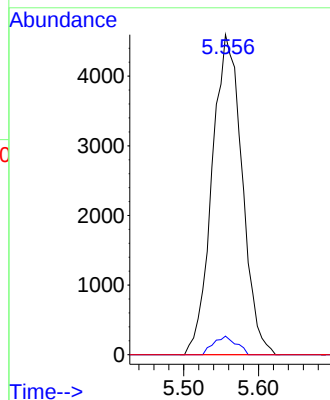
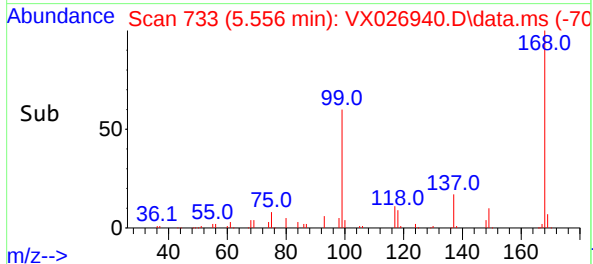


#38
Carbon Tetrachloride
Concen: 6.326 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

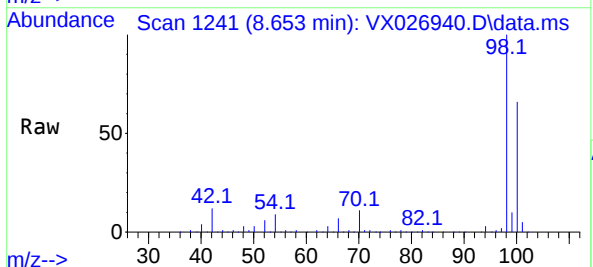
Instrument :
MSVOA_X
ClientSampleId :
VX0210WBL03



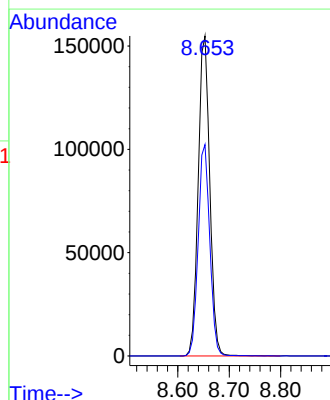
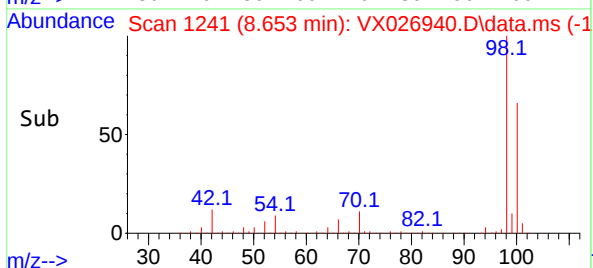
Tgt Ion:117 Resp: 12840
Ion Ratio Lower Upper
117 100
119 5.8 74.7 112.1#
121 0.0 25.4 38.0#

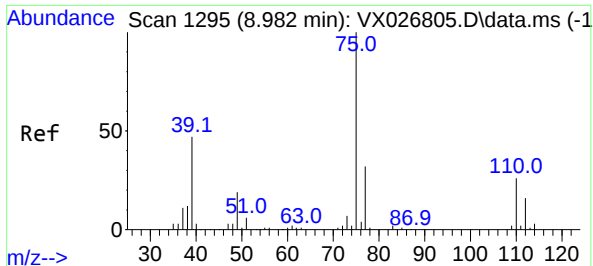


#50
Toluene-d8
Concen: 53.681 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41



Tgt Ion: 98 Resp: 241763
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8

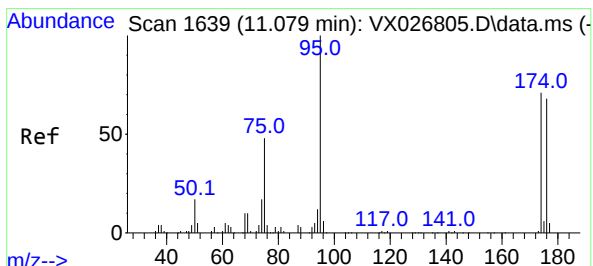
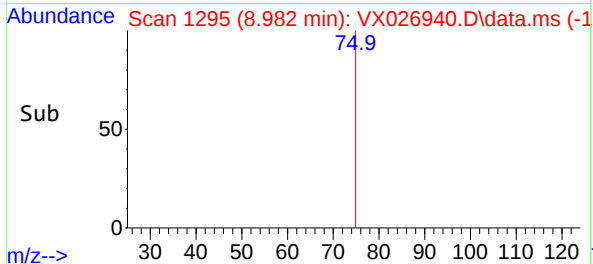
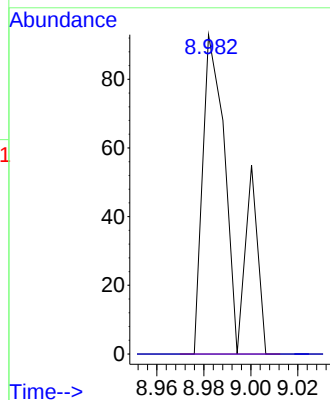
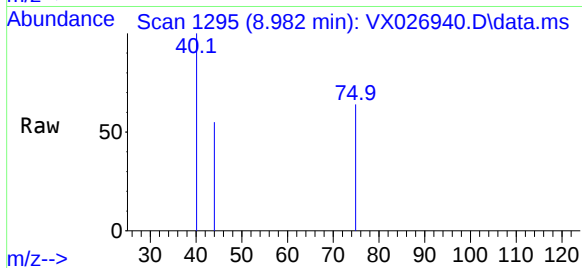




#53
t-1,3-Dichloropropene
Concen: 1.387 ug/l
RT: 8.982 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

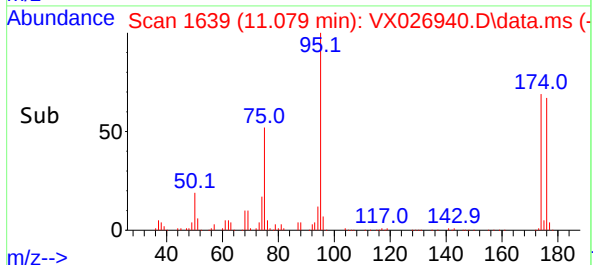
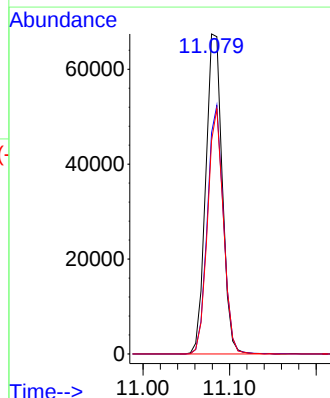
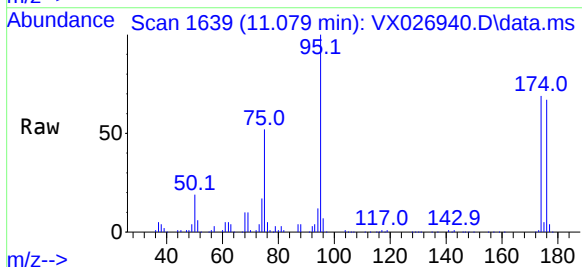
Instrument :
MSVOA_X
ClientSampleId :
VX0210WBL03

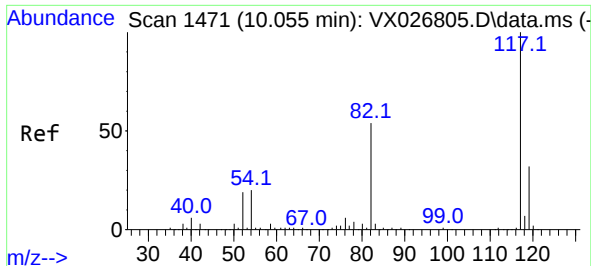
Tgt Ion: 75 Resp: 79
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 56.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

Tgt Ion: 95 Resp: 89247
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.6
176 73.3 0.0 141.4

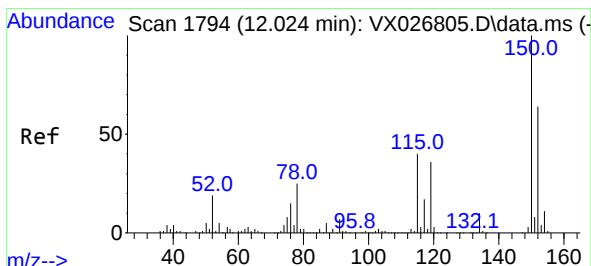
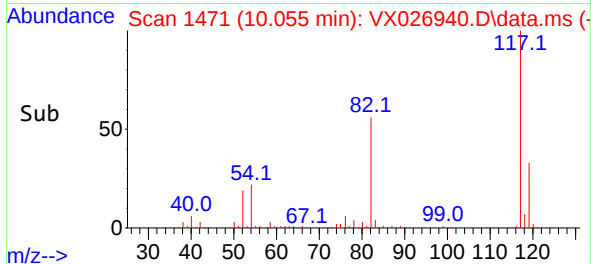
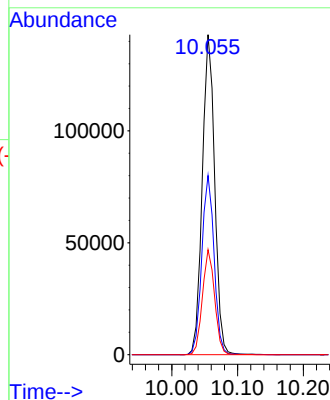
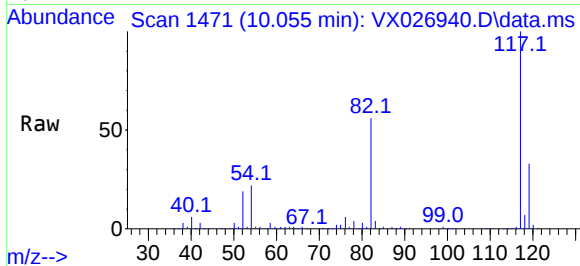




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

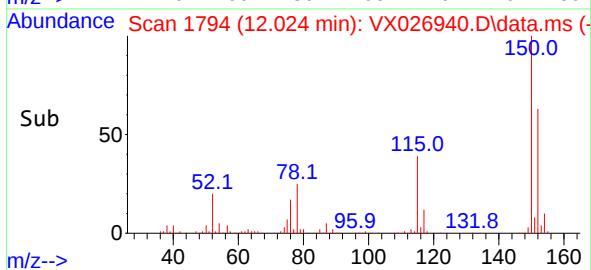
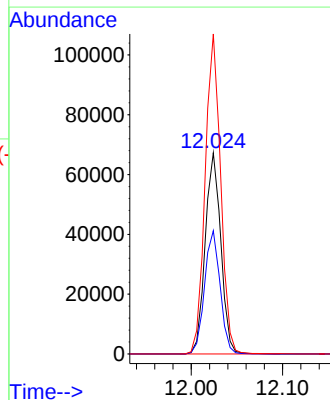
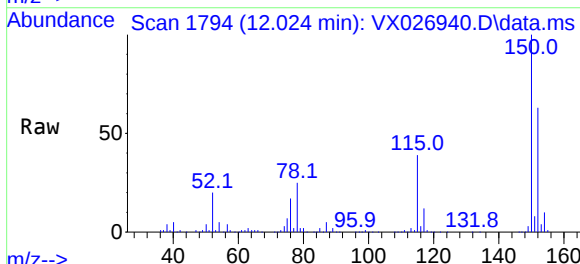
Instrument :
MSVOA_X
ClientSampleId :
VX0210WBL03

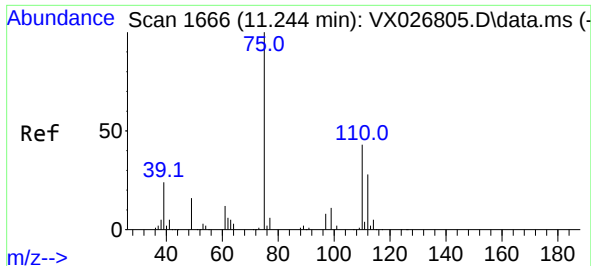
Tgt Ion:117 Resp: 187420
Ion Ratio Lower Upper
117 100
82 56.0 45.2 67.8
119 32.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

Tgt Ion:152 Resp: 79561
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 157.8 0.0 348.2

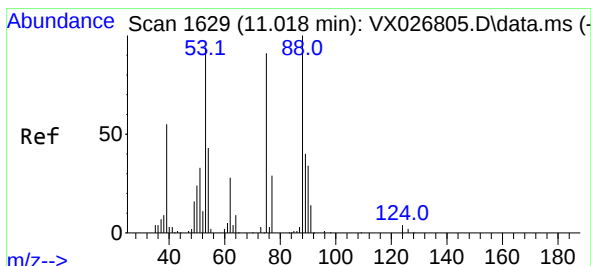
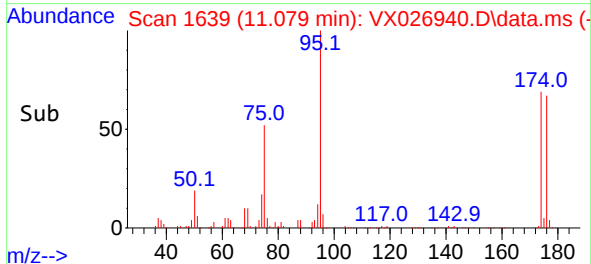
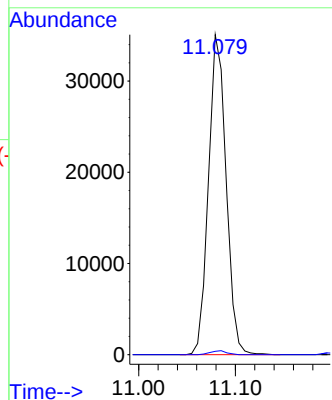
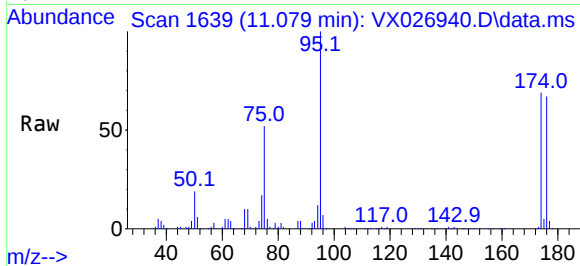




#76
1,2,3-Trichloropropane
Concen: 25.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

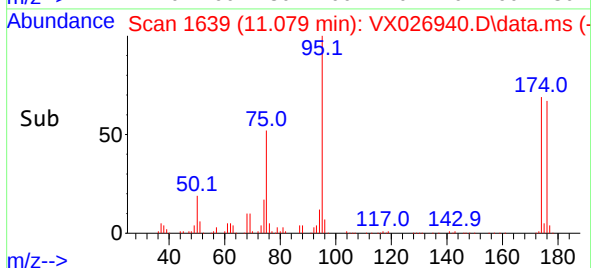
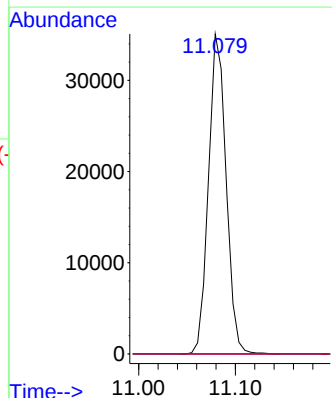
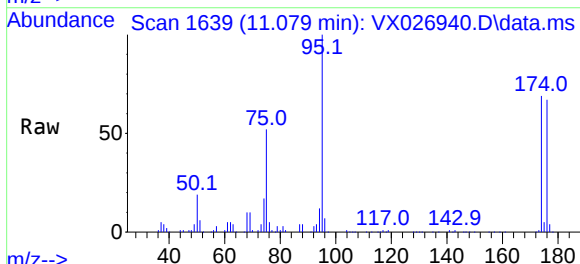
Instrument :
MSVOA_X
ClientSampleId :
VX0210WBL03

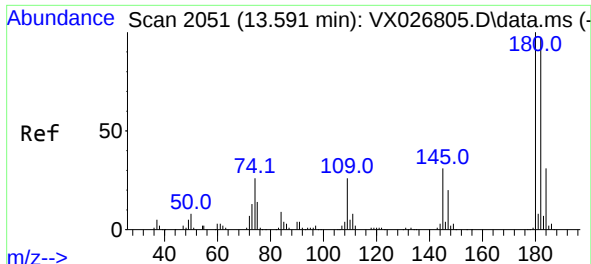
Tgt Ion: 75 Resp: 44517
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

Tgt Ion: 75 Resp: 44517
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

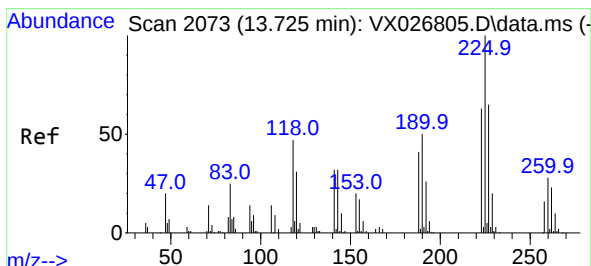
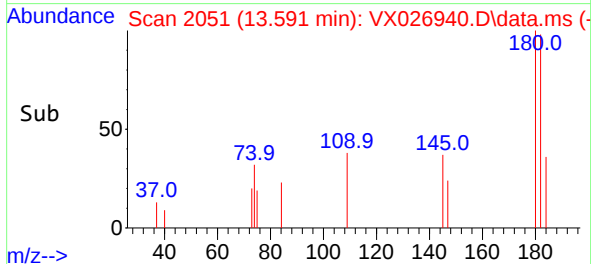
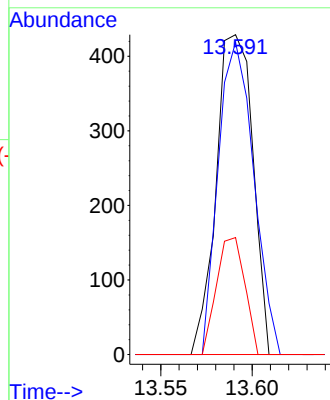
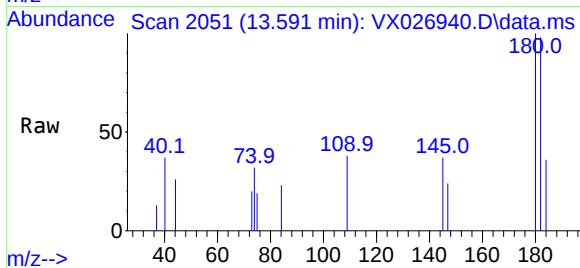




#93
1,2,4-Trichlorobenzene
Concen: 0.360 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

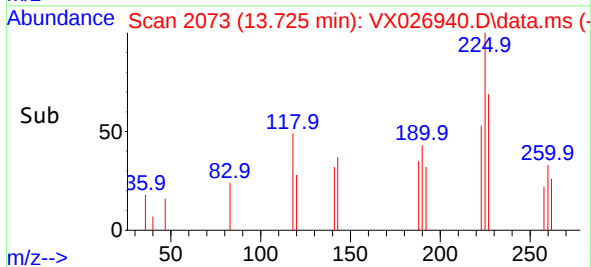
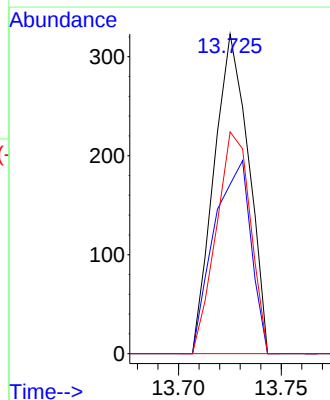
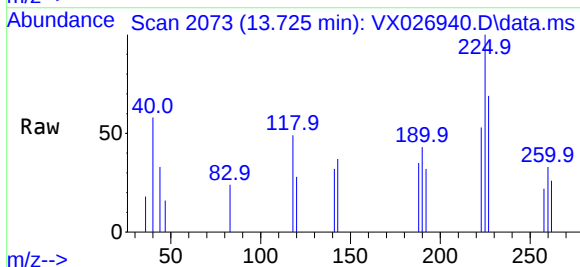
Instrument :
MSVOA_X
ClientSampleId :
VX0210WBL03

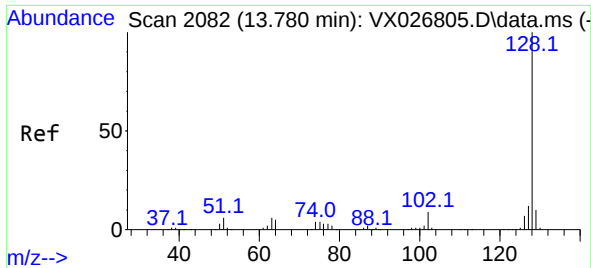
Tgt Ion:180 Resp: 598
Ion Ratio Lower Upper
180 100
182 94.5 46.7 140.0
145 28.3 16.3 48.8



#94
Hexachlorobutadiene
Concen: 0.538 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

Tgt Ion:225 Resp: 378
Ion Ratio Lower Upper
225 100
223 64.3 32.0 96.0
227 68.5 32.3 96.9

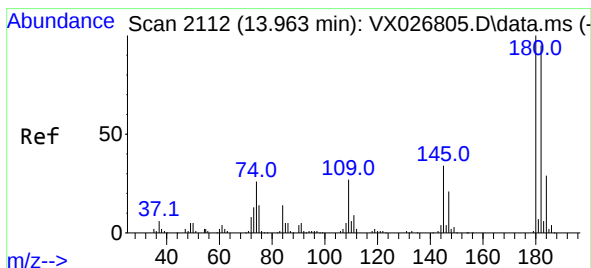
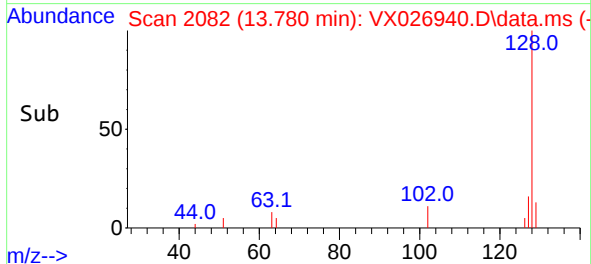
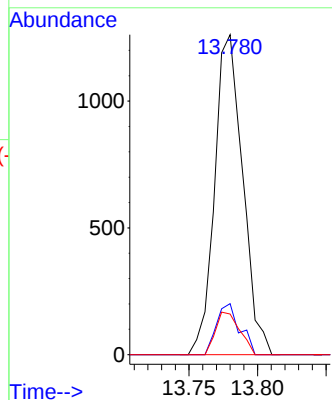
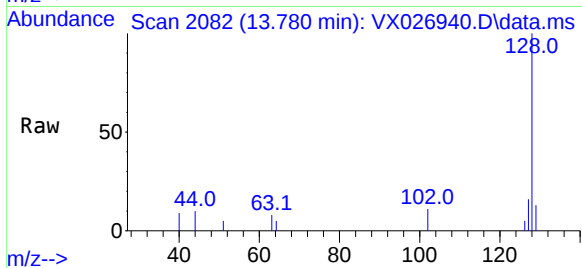




#95
Naphthalene
Concen: 0.308 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBL03

Tgt Ion:128	Resp:	1795
Ion	Ratio	Lower Upper
128	100	
127	13.1	10.3 15.5
129	11.4	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.390 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026940.D
Acq: 10 Feb 2022 23:41

Tgt Ion:180	Resp:	657
Ion	Ratio	Lower Upper
180	100	
182	86.3	47.2 141.6
145	28.8	17.5 52.5

