

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026869.D
 Acq On : 09 Feb 2022 15:02
 Operator : JC/MD
 Sample : N1429-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 01:06:12 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)

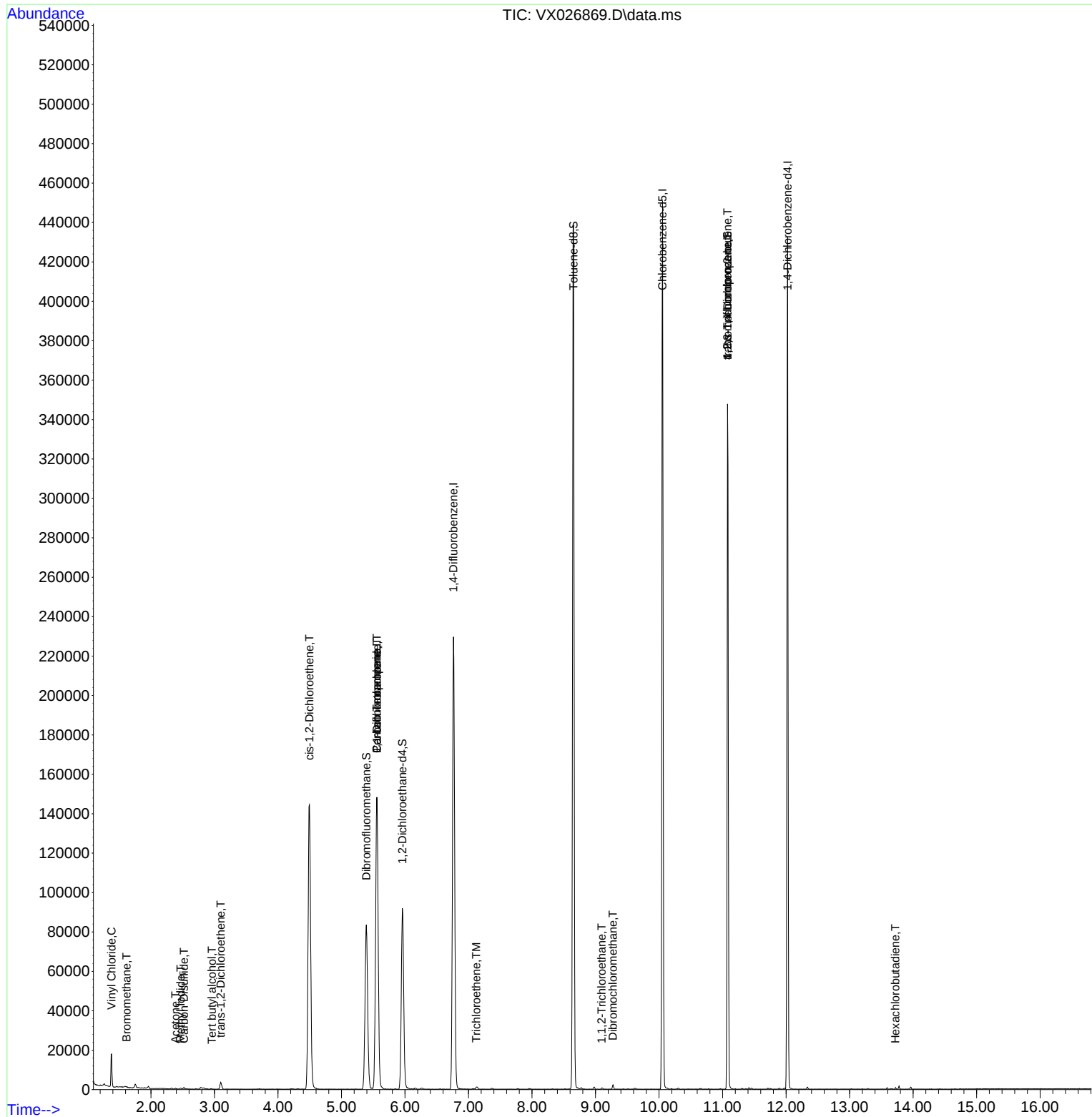
Internal Standards						
1) Pentafluorobenzene	5.556	168	141355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88595	52.212	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.420%	
35) Dibromofluoromethane	5.391	113	73146	52.377	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.760%	
50) Toluene-d8	8.653	98	270350	52.738	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	11.079	95	95969	53.175	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.340%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	10449	6.981	ug/l	96
5) Bromomethane	1.618	94	170	0.268	ug/l	85
10) Methyl Iodide	2.465	142	559	2.520	ug/l #	85
11) Tert butyl alcohol	2.959	59	121	0.395	ug/l #	75
16) Acetone	2.386	43	452	0.607	ug/l	96
17) Carbon Disulfide	2.520	76	923	0.225	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	1218	0.800	ug/l	84
27) cis-1,2-Dichloroethene	4.495	96	93982	53.770	ug/l	88
36) 1,1-Dichloropropene	5.556	75	10738	4.874	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14487	6.271	ug/l #	16
44) Trichloroethene	7.123	130	391	0.203	ug/l	87
55) 1,1,2-Trichloroethane	9.098	97	369	0.240	ug/l #	15
60) Dibromochloromethane	9.275	129	391	0.247	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	47725	24.996	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47725	76.245	ug/l #	3
94) Hexachlorobutadiene	13.719	225	192	0.249	ug/l	80

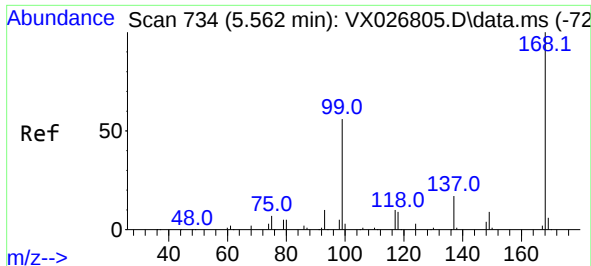
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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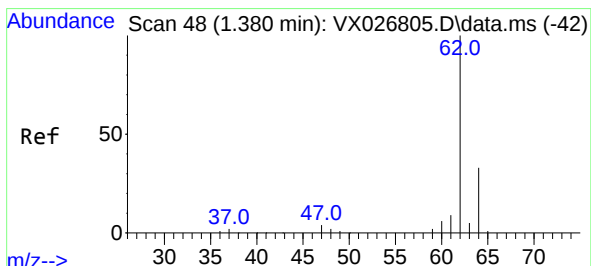
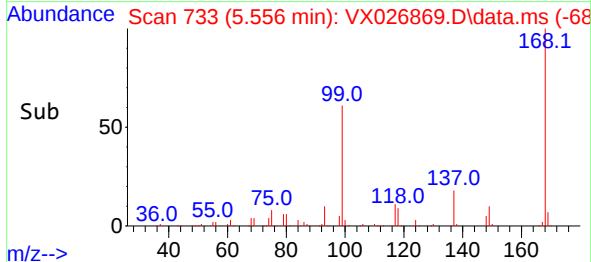
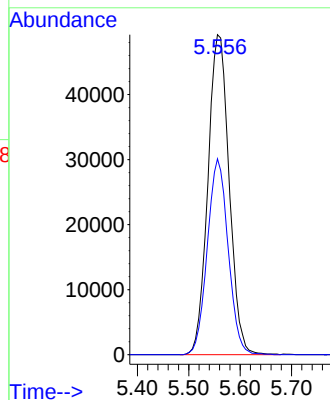
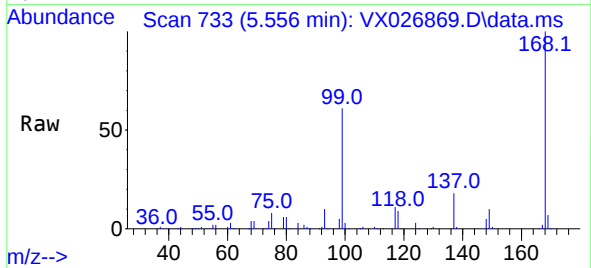




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

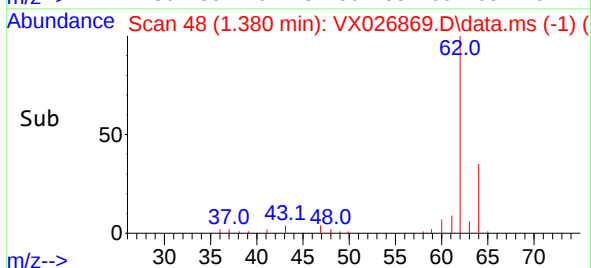
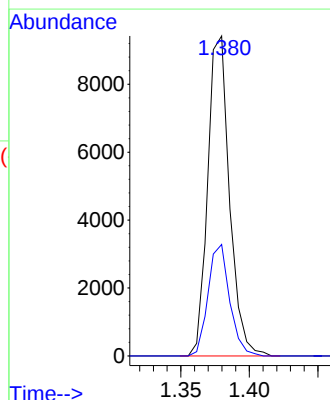
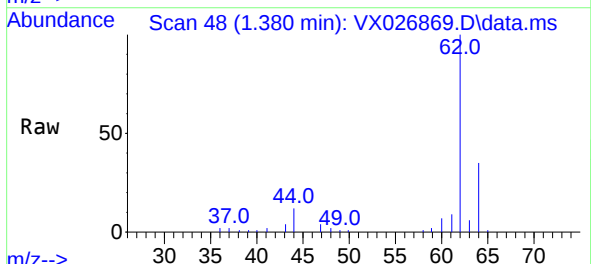
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 141355
Ion Ratio Lower Upper
168 100
99 61.2 50.3 75.5

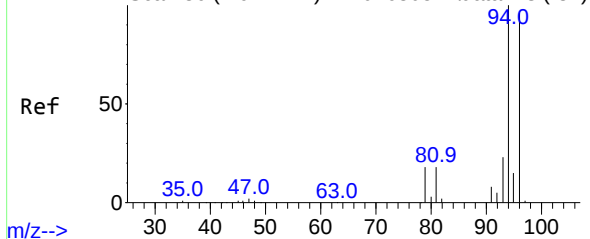


#4
Vinyl Chloride
Concen: 6.981 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

Tgt Ion: 62 Resp: 10449
Ion Ratio Lower Upper
62 100
64 34.9 26.2 39.2



Abundance Scan 86 (1.611 min): VX026805.D\data.ms (-81)



#5

Bromomethane

Concen: 0.268 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX026869.D

Acq: 09 Feb 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

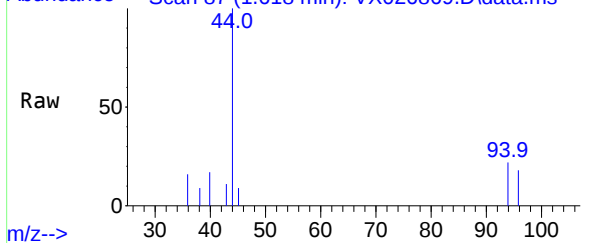
Tgt Ion: 94 Resp: 170

Ion Ratio Lower Upper

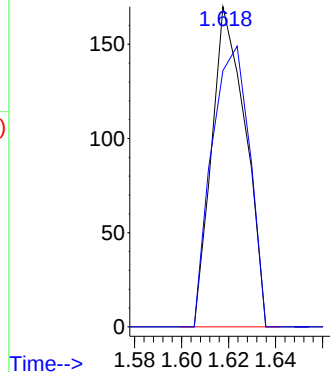
94 100

96 80.0 75.9 113.9

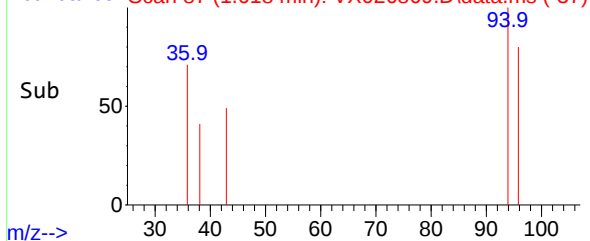
Abundance Scan 87 (1.618 min): VX026869.D\data.ms



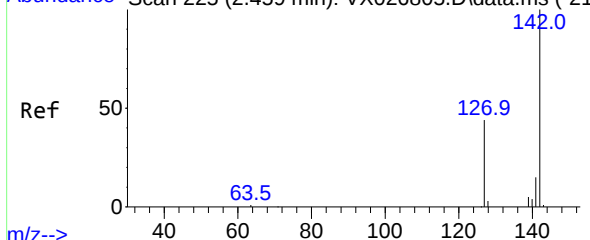
Abundance



Abundance Scan 87 (1.618 min): VX026869.D\data.ms (-37)



Abundance Scan 225 (2.459 min): VX026805.D\data.ms (-21)



#10

Methyl Iodide

Concen: 2.520 ug/l

RT: 2.465 min Scan# 226

Delta R.T. 0.006 min

Lab File: VX026869.D

Acq: 09 Feb 2022 15:02

Tgt Ion: 142 Resp: 559

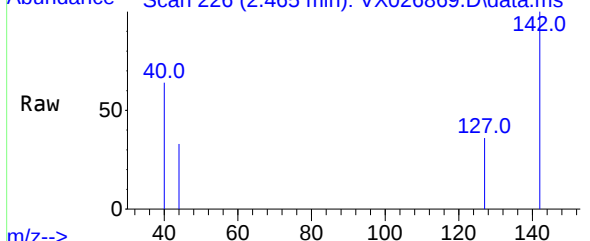
Ion Ratio Lower Upper

142 100

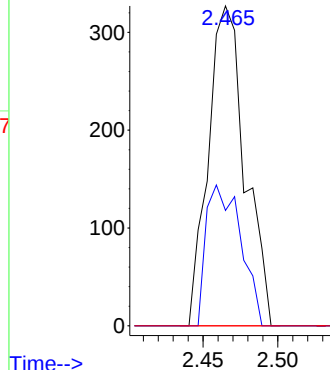
127 41.5 38.1 57.1

141 0.0 11.2 16.8#

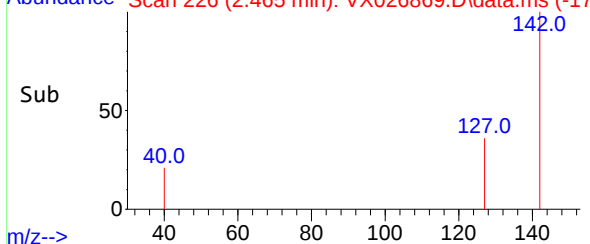
Abundance Scan 226 (2.465 min): VX026869.D\data.ms

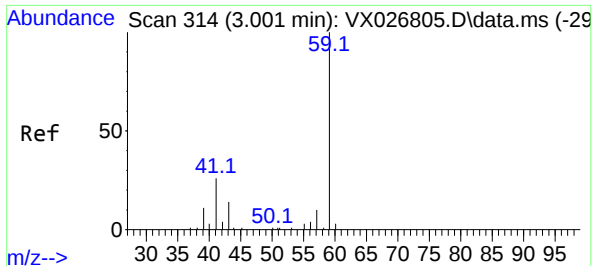


Abundance



Abundance Scan 226 (2.465 min): VX026869.D\data.ms (-17)

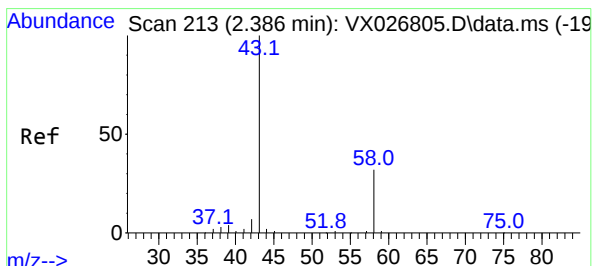
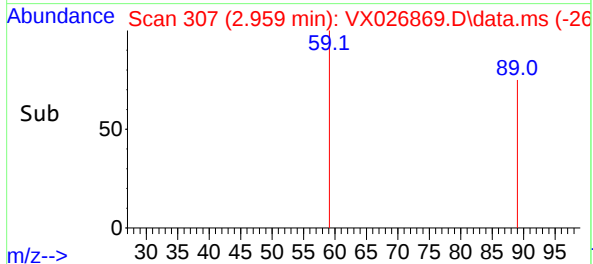
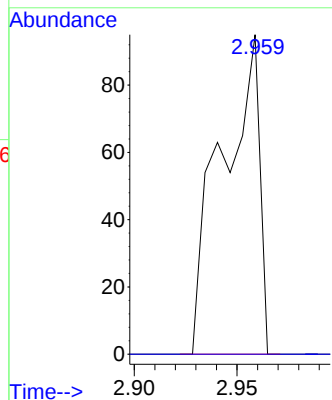
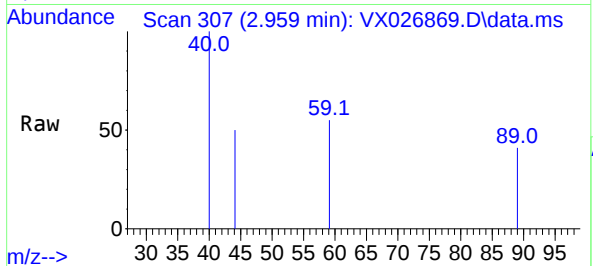




#11
Tert butyl alcohol
Concen: 0.395 ug/l
RT: 2.959 min Scan# 30
Delta R.T. -0.042 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

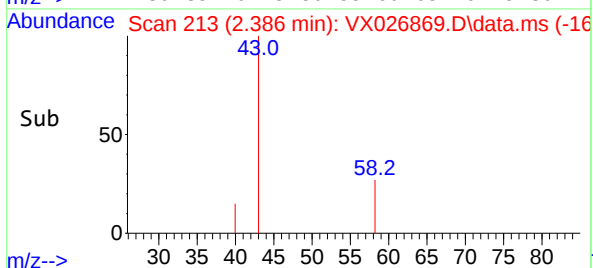
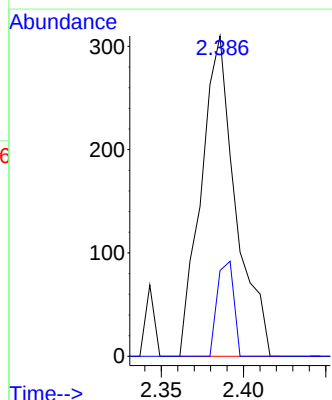
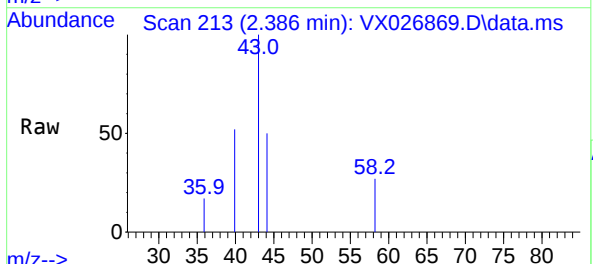
Instrument :
MSVOA_X
ClientSampleId :

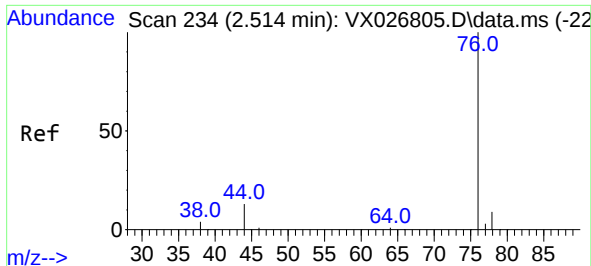
Tgt Ion: 59 Resp: 121
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 0.607 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

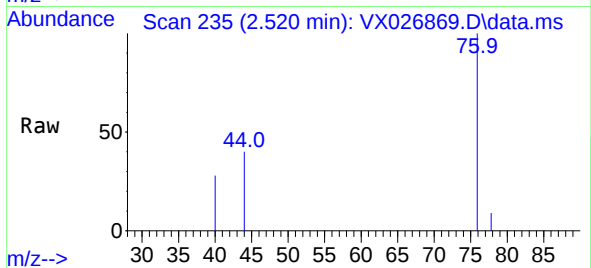
Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
58 26.8 23.0 34.6



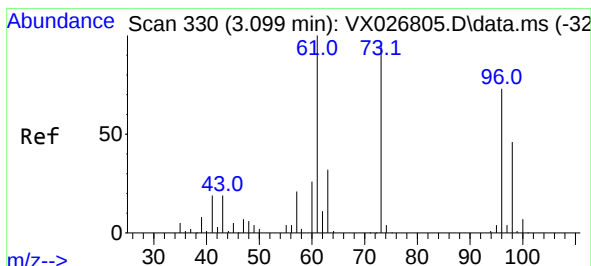
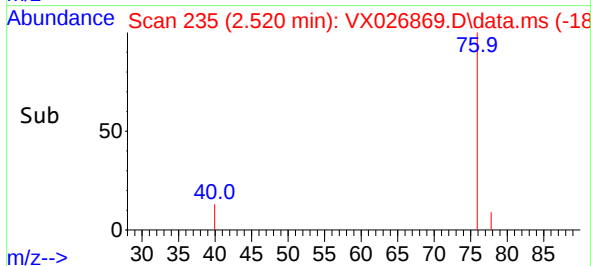
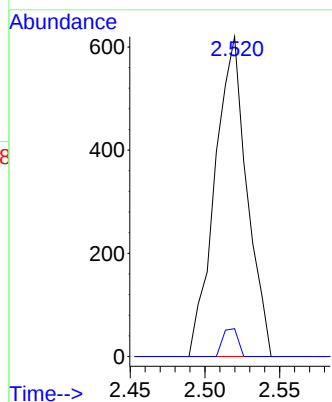


#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :

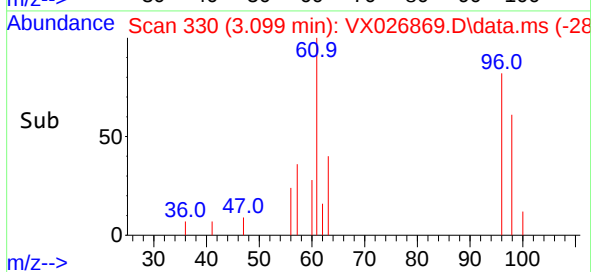
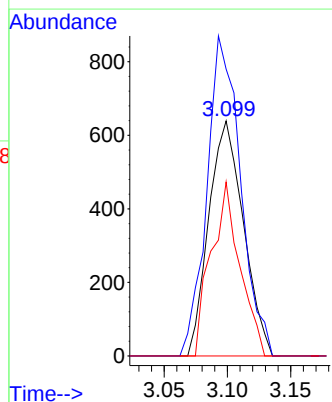
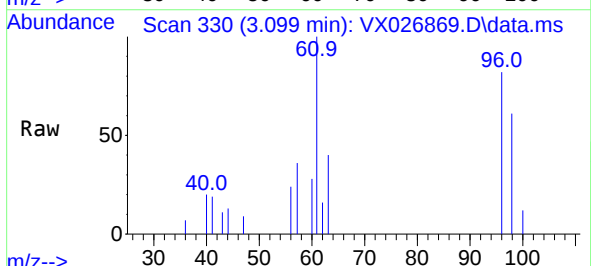


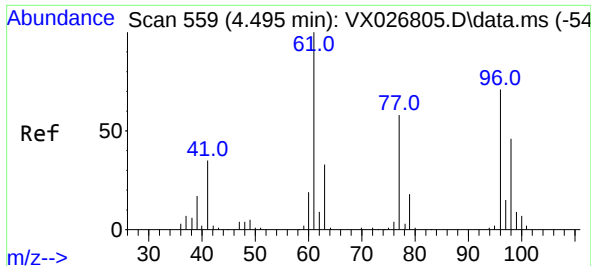
Tgt Ion: 76 Resp: 923
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#21
trans-1,2-Dichloroethene
Concen: 0.800 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

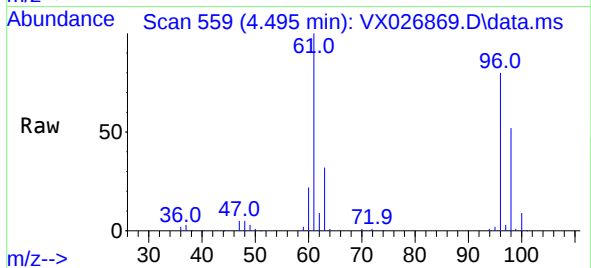
Tgt Ion: 96 Resp: 1218
Ion Ratio Lower Upper
96 100
61 122.1 112.9 169.3
98 74.0 49.5 74.3



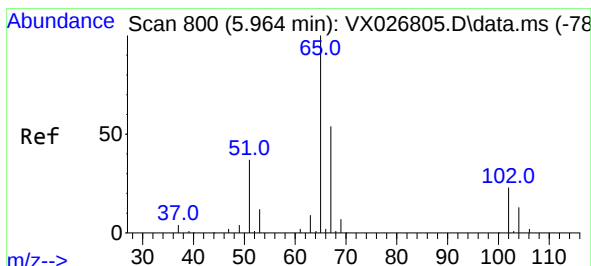
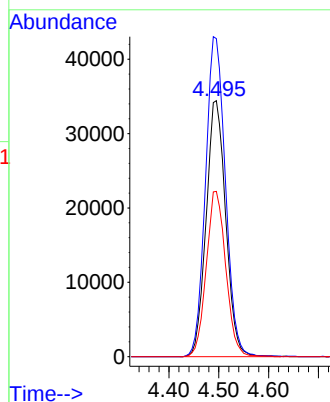
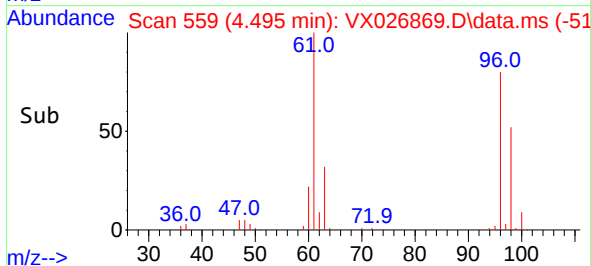


#27
cis-1,2-Dichloroethene
Concen: 53.770 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

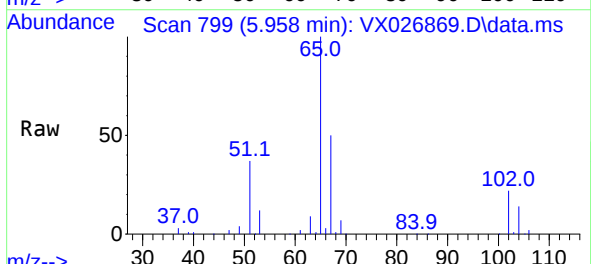
Instrument :
MSVOA_X
ClientSampleId :



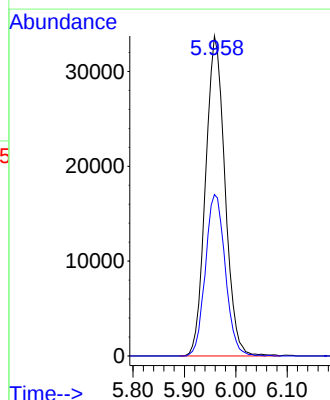
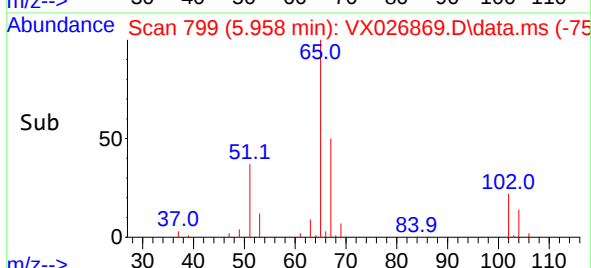
Tgt Ion: 96 Resp: 93982
Ion Ratio Lower Upper
96 100
61 127.1 0.0 296.6
98 64.4 0.0 128.8

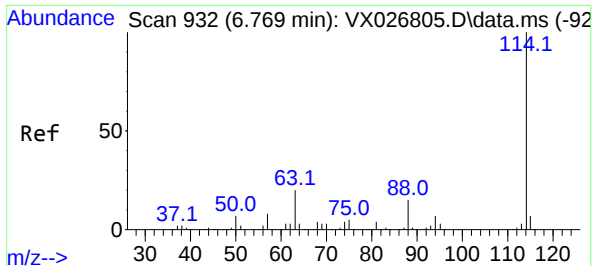


#33
1,2-Dichloroethane-d4
Concen: 52.212 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02



Tgt Ion: 65 Resp: 88595
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.8

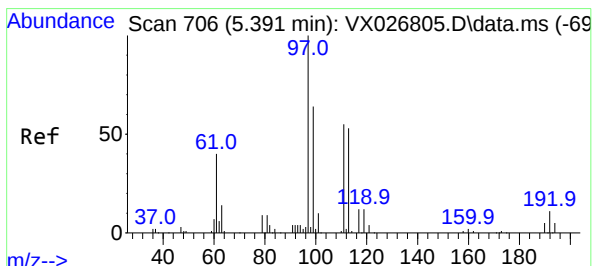
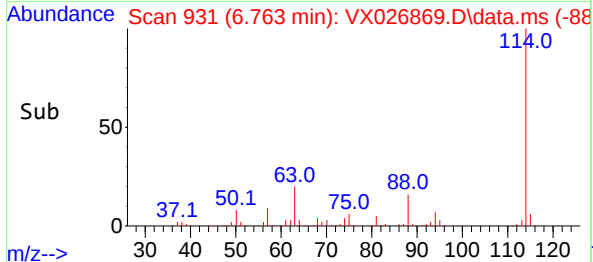
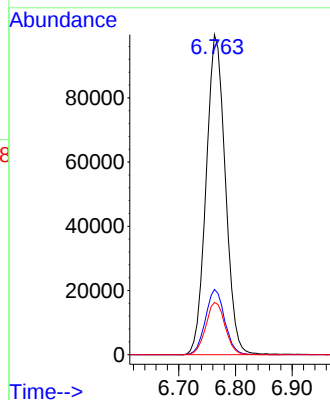
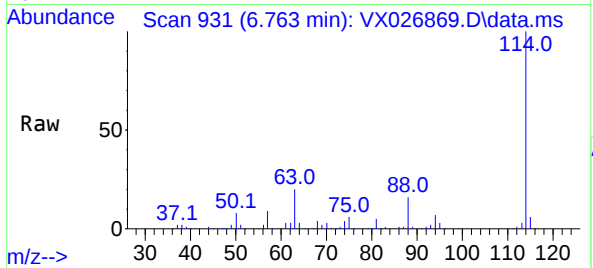




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

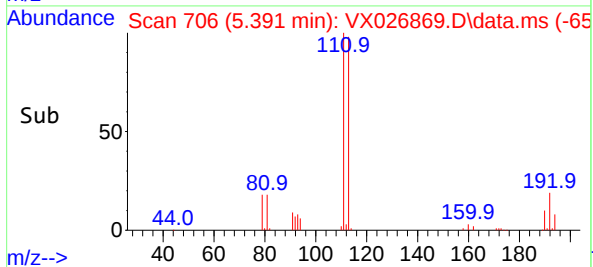
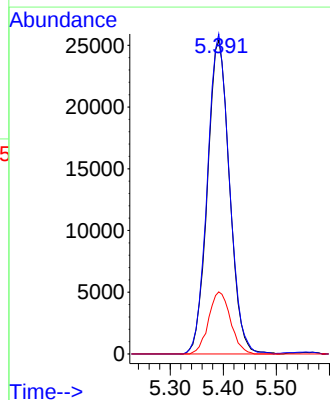
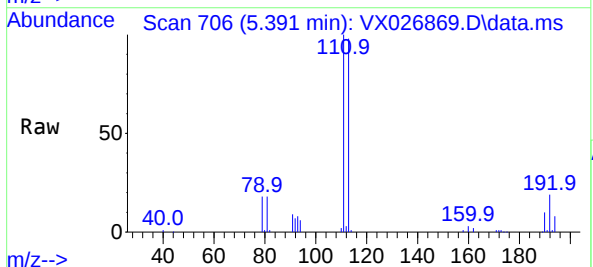
Instrument :
MSVOA_X
ClientSampleId :

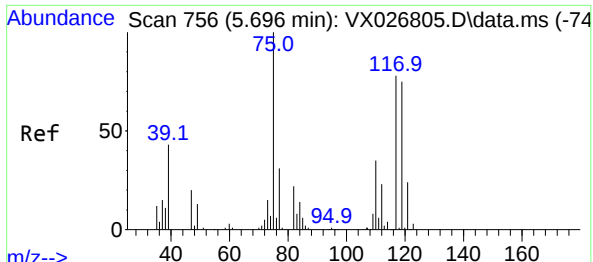
Tgt Ion:114 Resp: 234404
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.377 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

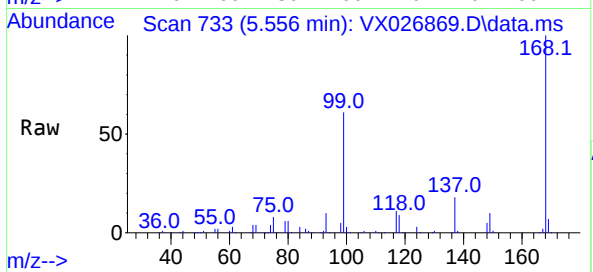
Tgt Ion:113 Resp: 73146
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 19.7 15.0 22.4



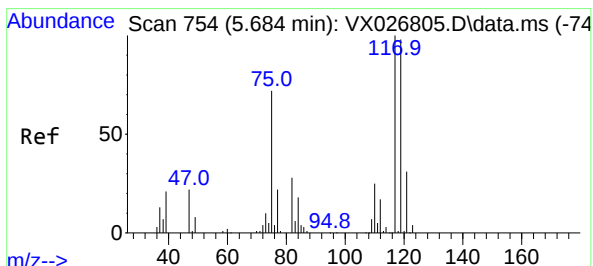
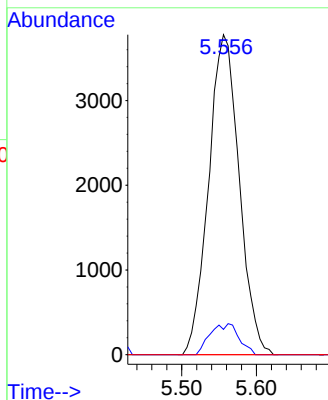
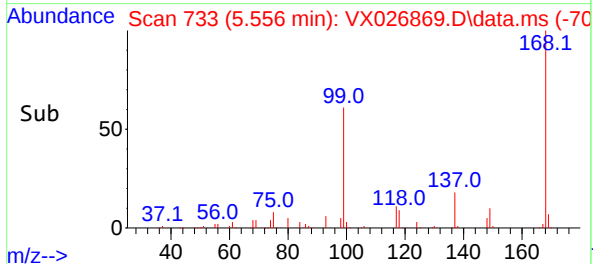


#36
1,1-Dichloropropene
Concen: 4.874 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

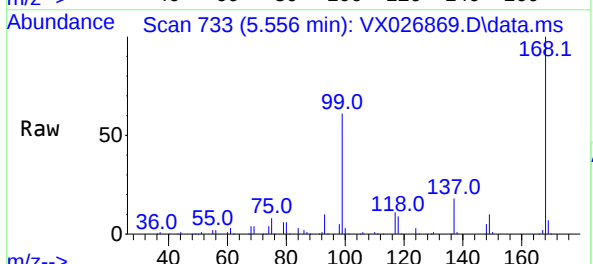
Instrument :
MSVOA_X
ClientSampleId :



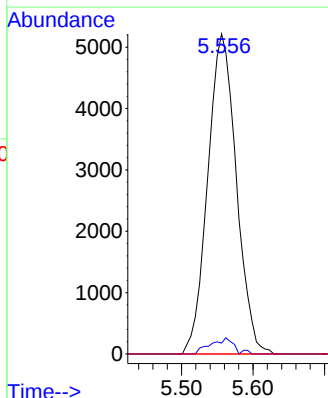
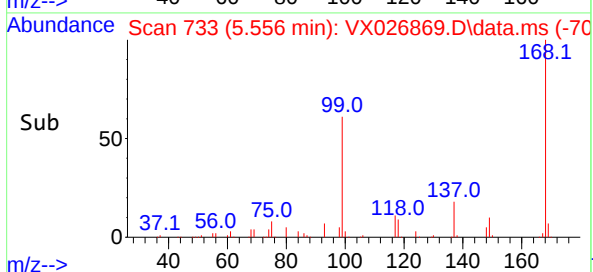
Tgt Ion: 75 Resp: 10738
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#

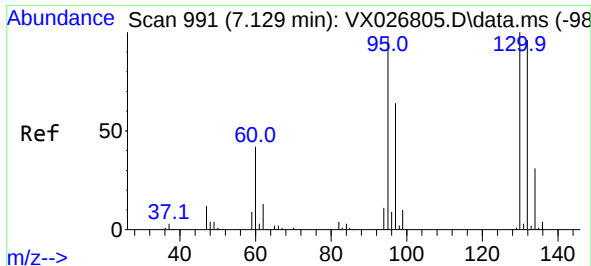


#38
Carbon Tetrachloride
Concen: 6.271 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02



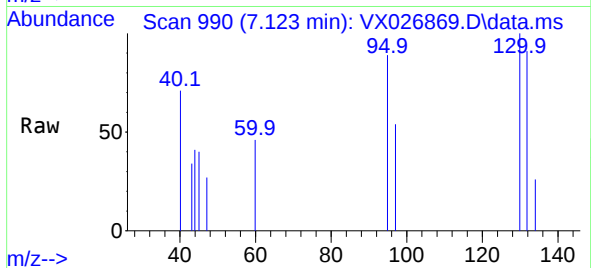
Tgt Ion: 117 Resp: 14487
Ion Ratio Lower Upper
117 100
119 3.4 74.7 112.1#
121 0.0 25.4 38.0#



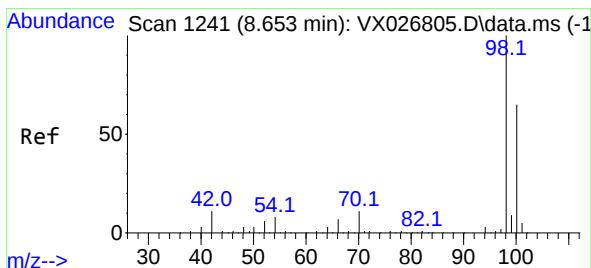
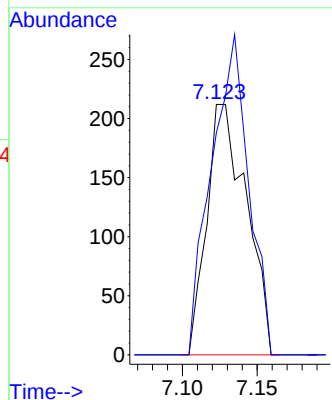
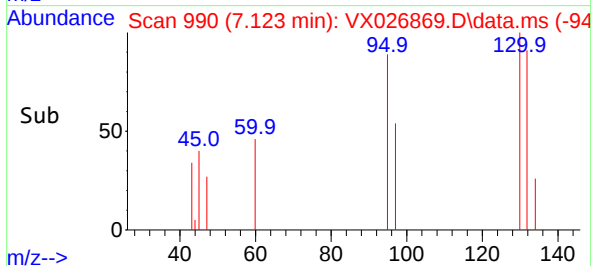


#44
Trichloroethene
Concen: 0.203 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :

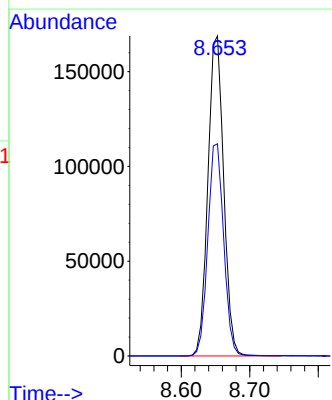
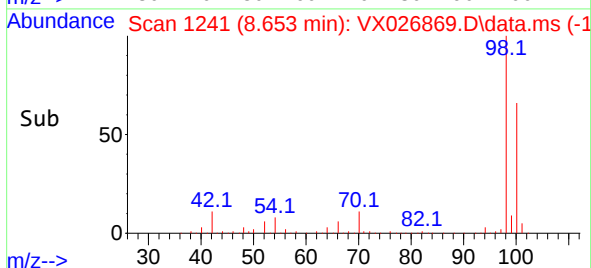
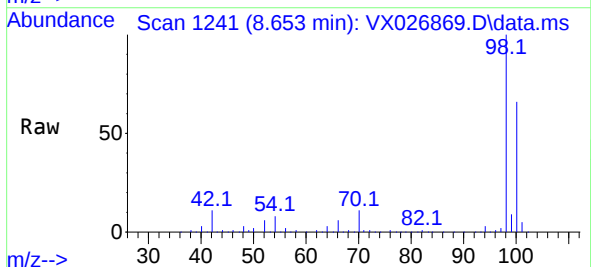


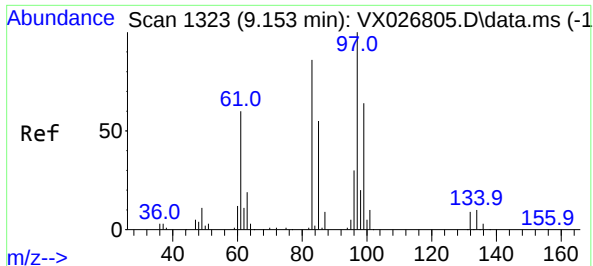
Tgt Ion:130 Resp: 391
Ion Ratio Lower Upper
130 100
95 88.7 0.0 202.6



#50
Toluene-d8
Concen: 52.738 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

Tgt Ion: 98 Resp: 270350
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8



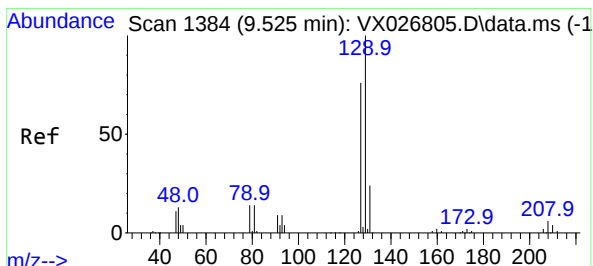
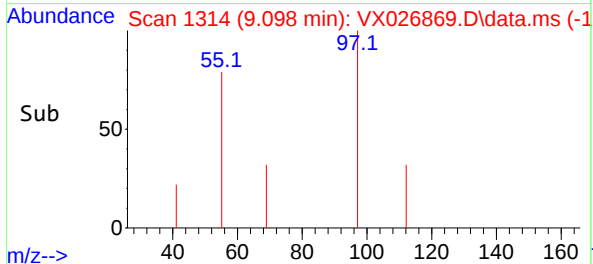
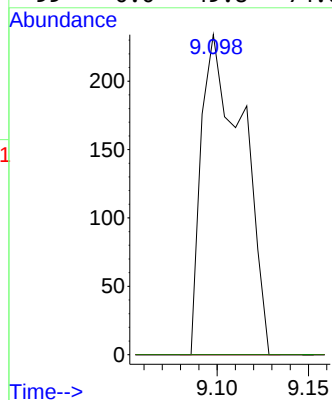
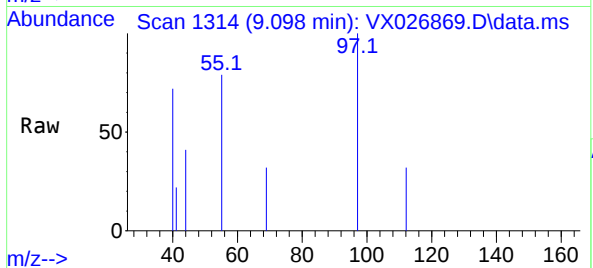


#55
1,1,2-Trichloroethane
Concen: 0.240 ug/l
RT: 9.098 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 369

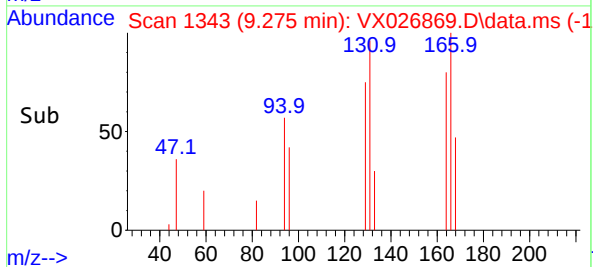
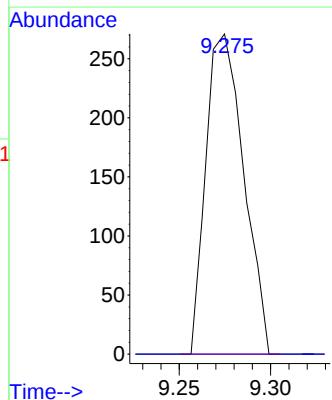
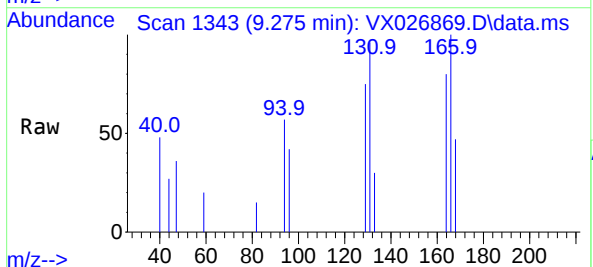
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.4	102.6#
85	0.0	44.0	66.0#
99	0.0	49.8	74.6#

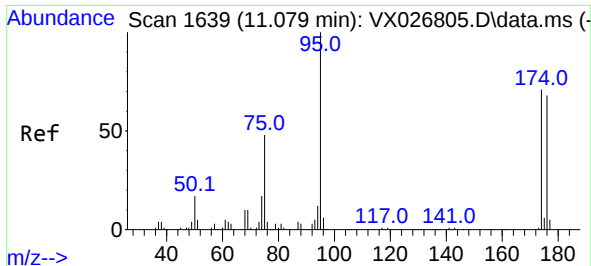


#60
Dibromochloromethane
Concen: 0.247 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

Tgt Ion: 129 Resp: 391

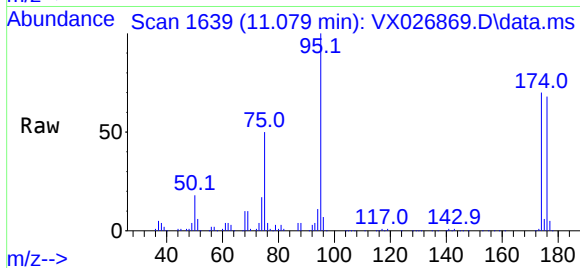
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#



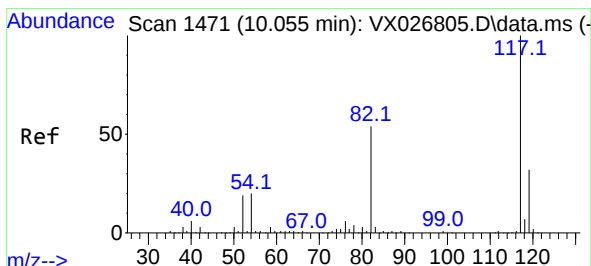
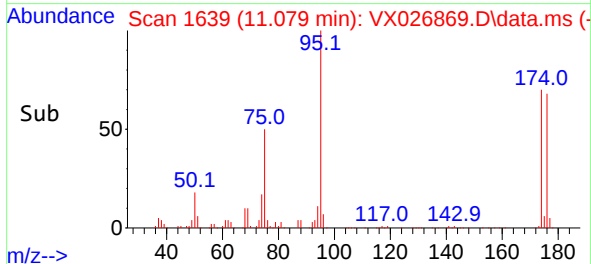
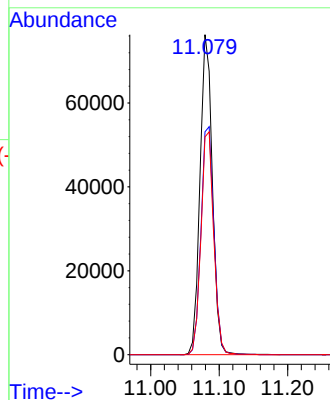


#62
4-Bromofluorobenzene
Concen: 53.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :

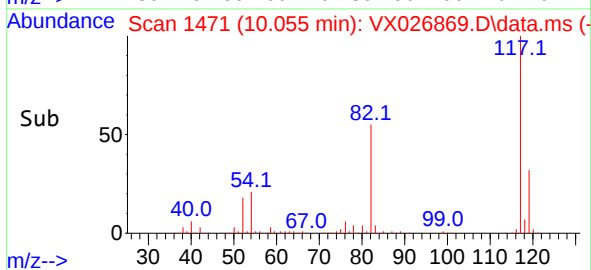
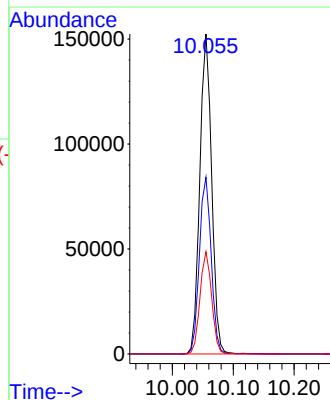
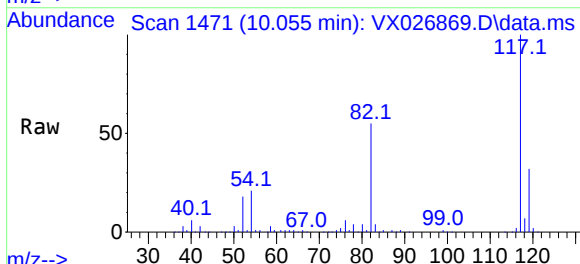


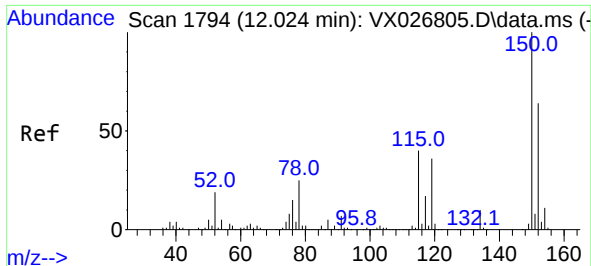
Tgt Ion: 95 Resp: 95969
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.6
176 72.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

Tgt Ion: 117 Resp: 205579
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 31.9 26.2 39.2

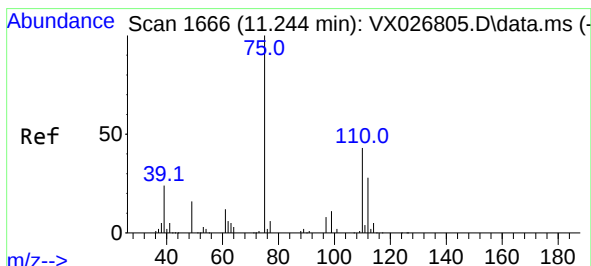
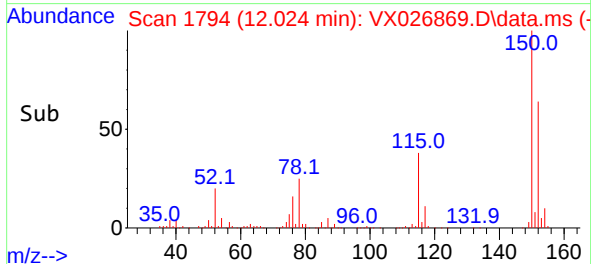
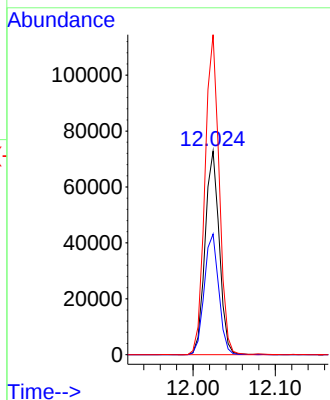
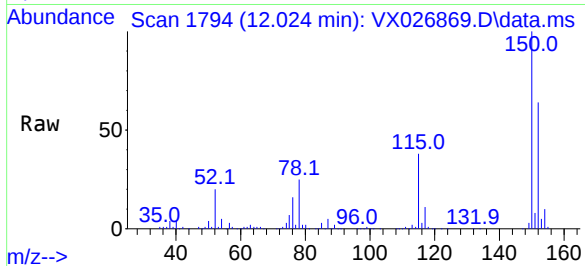




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

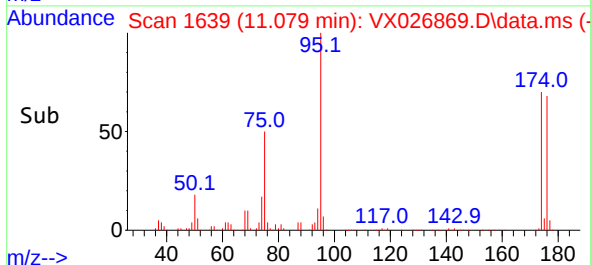
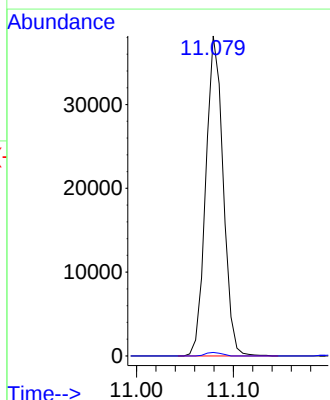
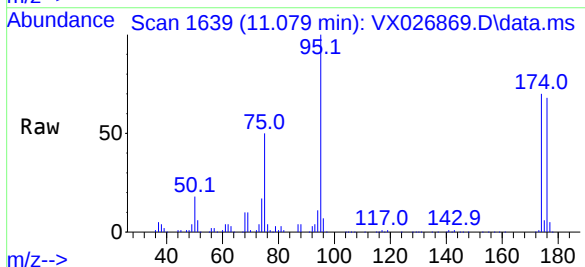
Instrument :
MSVOA_X
ClientSampleId :

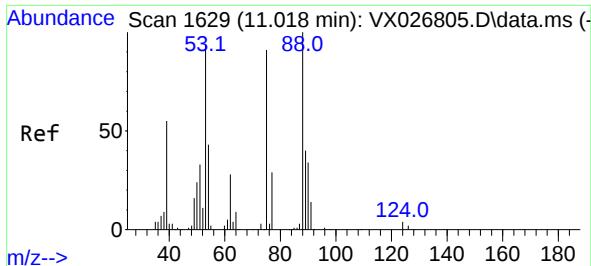
Tgt Ion:152 Resp: 87220
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 157.0 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

Tgt Ion: 75 Resp: 47725
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#

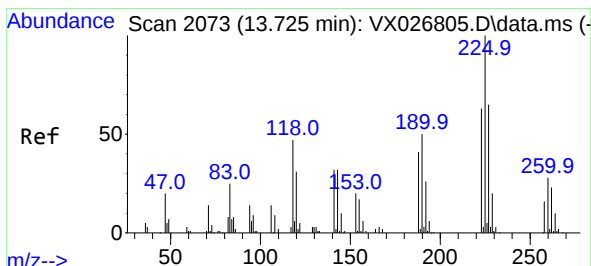
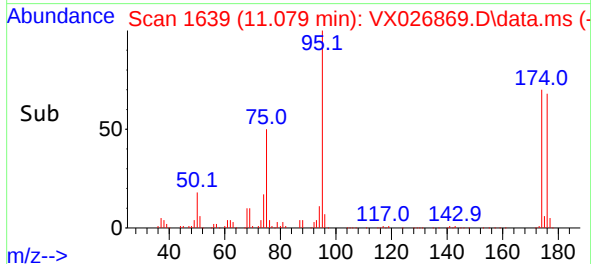
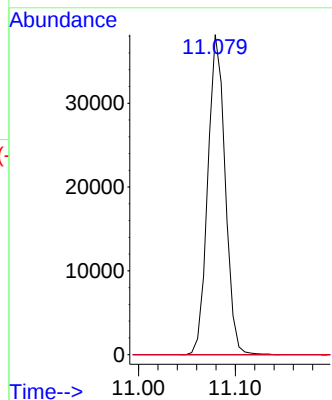
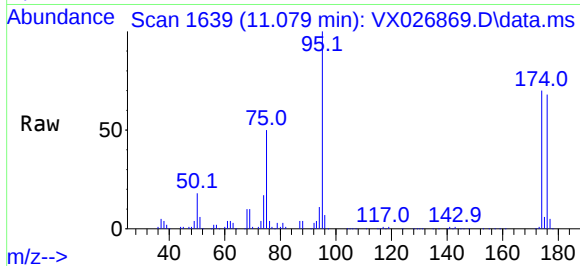




#81
trans-1,4-Dichloro-2-butene
Concen: 76.245 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47725
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#94
Hexachlorobutadiene
Concen: 0.249 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX026869.D
Acq: 09 Feb 2022 15:02

Tgt Ion: 225 Resp: 192
Ion Ratio Lower Upper
225 100
223 49.0 32.0 96.0
227 48.4 32.3 96.9

