

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026588.D
 Acq On : 26 Jan 2022 12:47
 Operator : JC/MD
 Sample : N1217-04 1600X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2256-2261

Quant Time: Jan 27 07:21:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

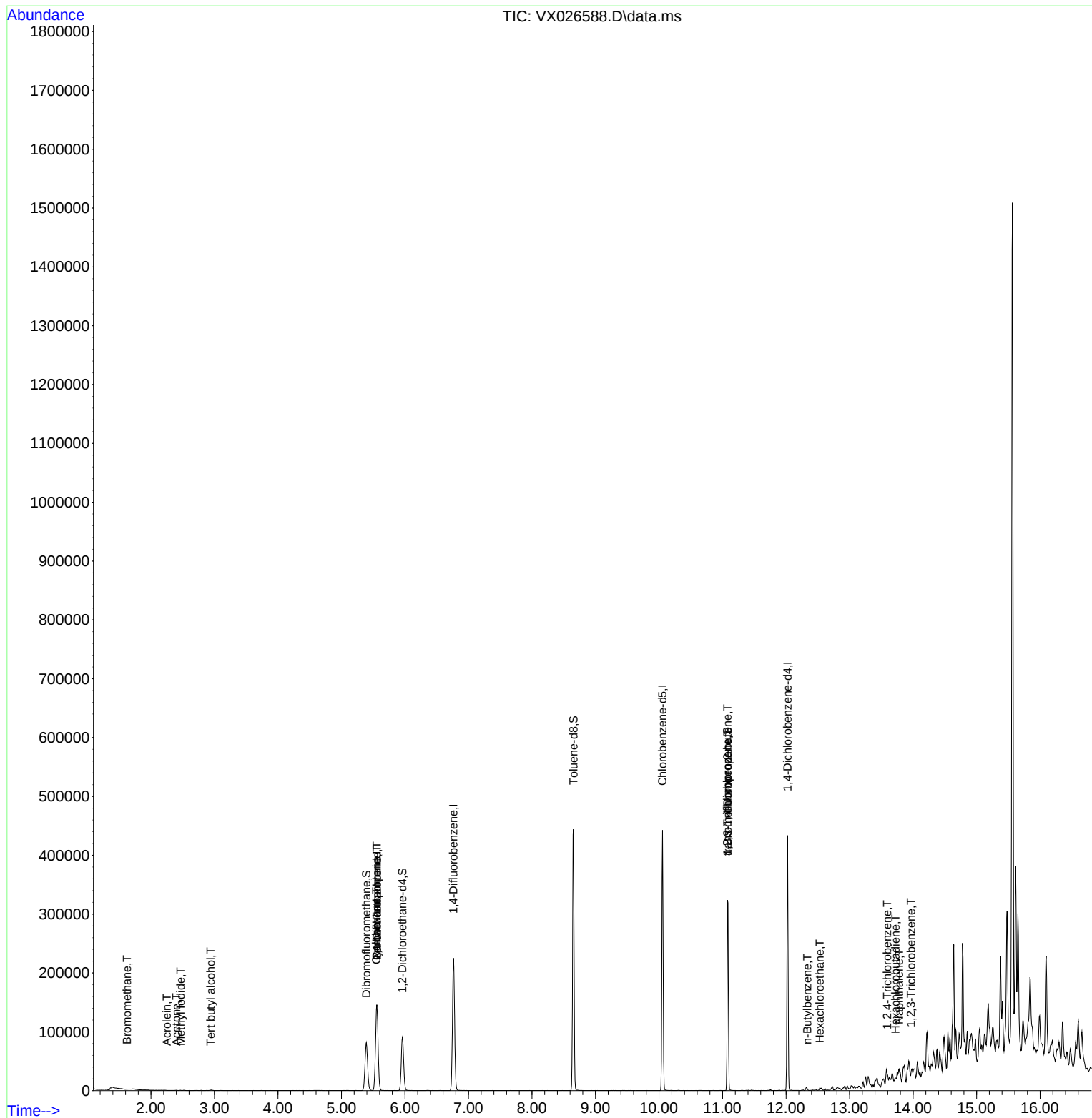
Internal Standards						
1) Pentafluorobenzene	5.556	168	135752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88055	46.434	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	92.860%	
35) Dibromofluoromethane	5.391	113	71556	48.421	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.840%	
50) Toluene-d8	8.653	98	267352	50.203	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.400%	
62) 4-Bromofluorobenzene	11.079	95	92083	48.676	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	187	0.263	ug/l	95
10) Methyl Iodide	2.465	142	374	4.658	ug/l #	91
11) Tert butyl alcohol	2.940	59	574	2.176	ug/l #	75
13) Acrolein	2.252	56	75	0.268	ug/l #	58
16) Acetone	2.398	43	648	0.670	ug/l	94
31) Cyclohexane	5.550	56	2741	0.980	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10850	4.651	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14118	5.883	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	45581	24.252	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45581	73.864	ug/l #	3
89) n-Butylbenzene	12.335	91	1169	0.233	ug/l #	65
90) Hexachloroethane	12.530	117	324	2.495	ug/l #	14
93) 1,2,4-Trichlorobenzene	13.591	180	411	0.226	ug/l #	1
94) Hexachlorobutadiene	13.725	225	414	0.539	ug/l	97
95) Naphthalene	13.780	128	13524	2.227	ug/l #	86
96) 1,2,3-Trichlorobenzene	13.969	180	792	0.442	ug/l #	1

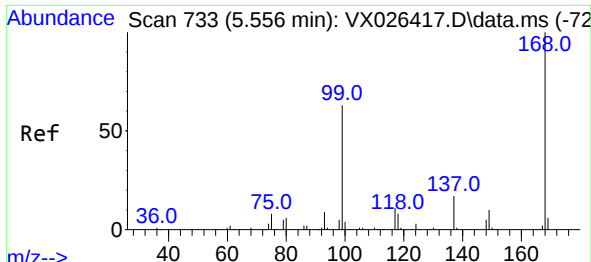
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
Data File : VX026588.D
Acq On : 26 Jan 2022 12:47
Operator : JC/MD
Sample : N1217-04 1600X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2256-2261

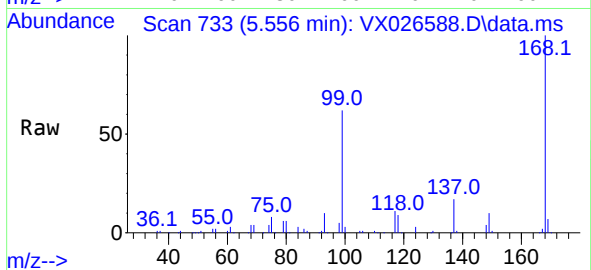
Quant Time: Jan 27 07:21:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



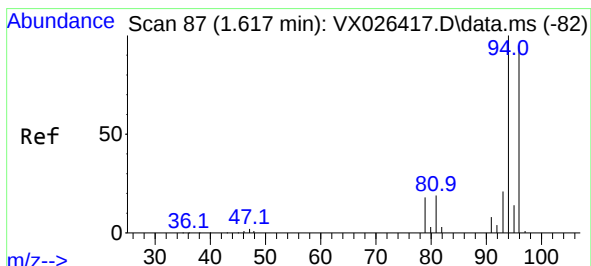
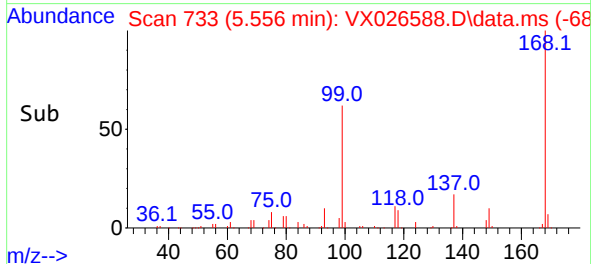
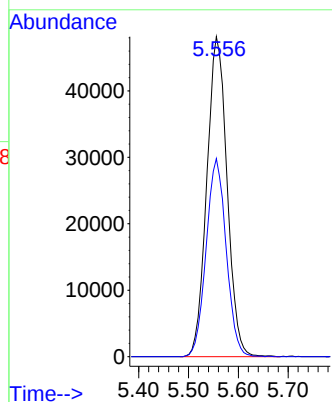


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Instrument :
MSVOA_X
ClientSampleId :
2256-2261

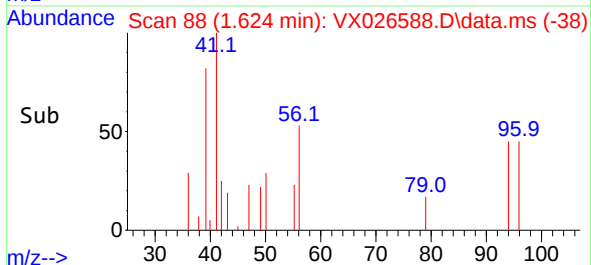
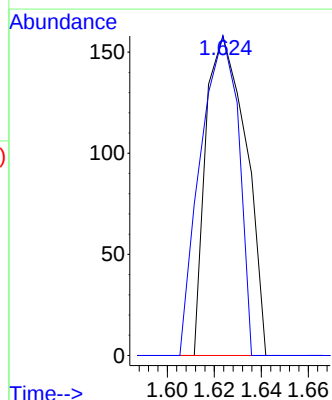
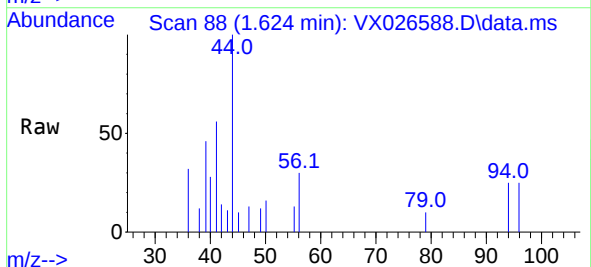


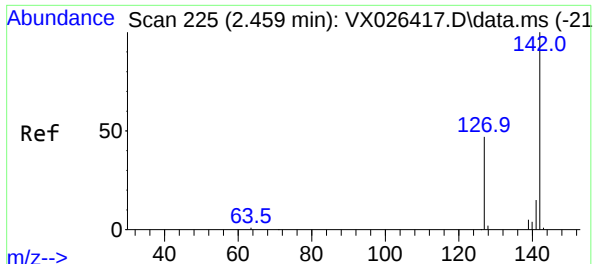
Tgt Ion:168 Resp: 135752
Ion Ratio Lower Upper
168 100
99 61.9 50.3 75.5



#5
Bromomethane
Concen: 0.263 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 100.0 75.9 113.9

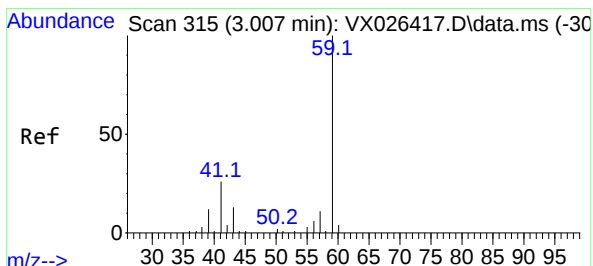
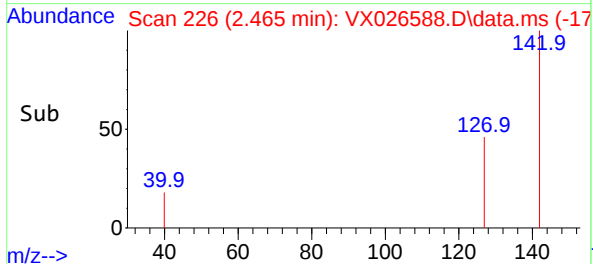
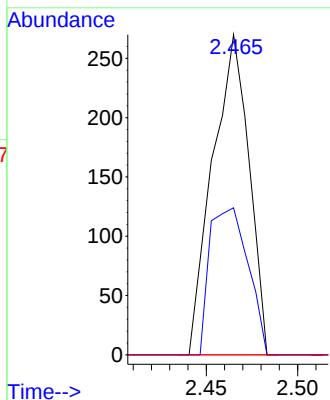
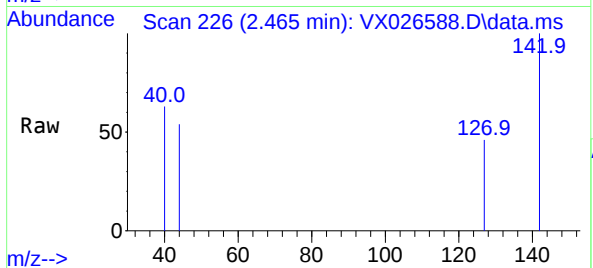




#10
Methyl Iodide
Concen: 4.658 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

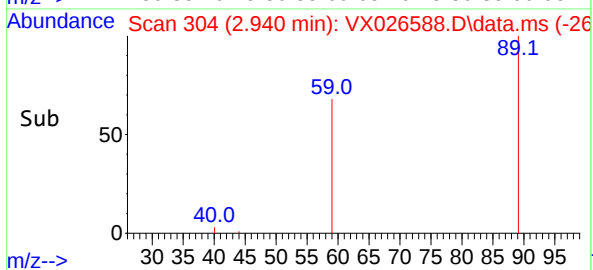
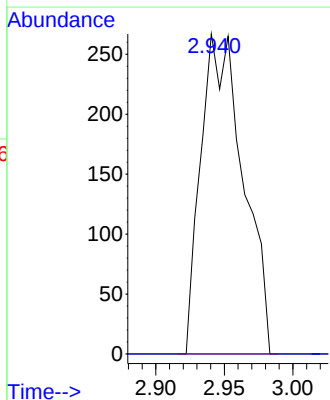
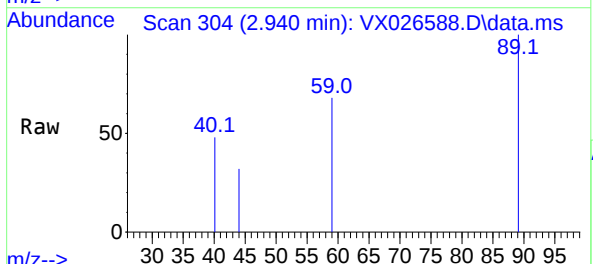
Instrument :
MSVOA_X
ClientSampleId :
2256-2261

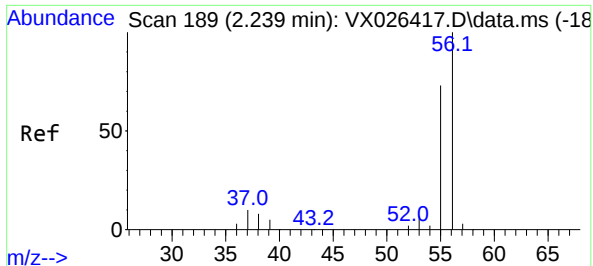
Tgt Ion:142 Resp: 374
Ion Ratio Lower Upper
142 100
127 48.4 38.1 57.1
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 2.176 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

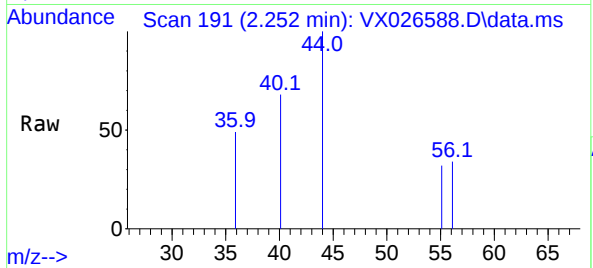
Tgt Ion: 59 Resp: 574
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



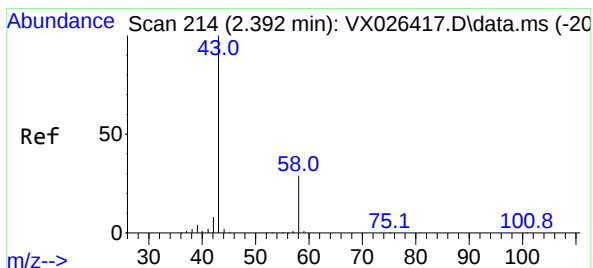
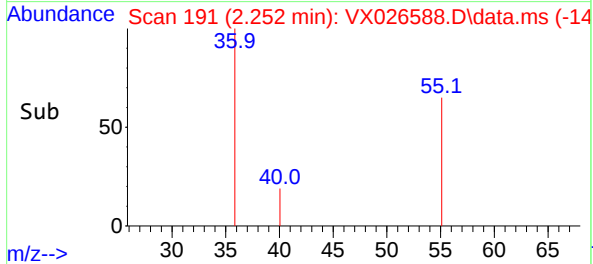
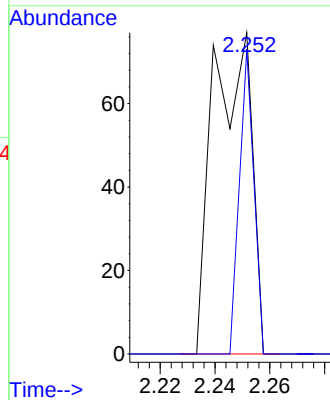


#13
Acrolein
Concen: 0.268 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Instrument :
MSVOA_X
ClientSampleId :
2256-2261

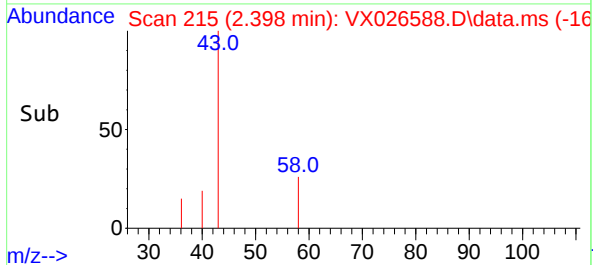
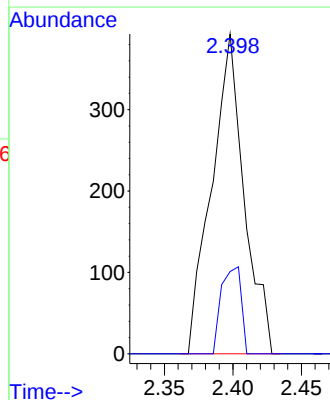
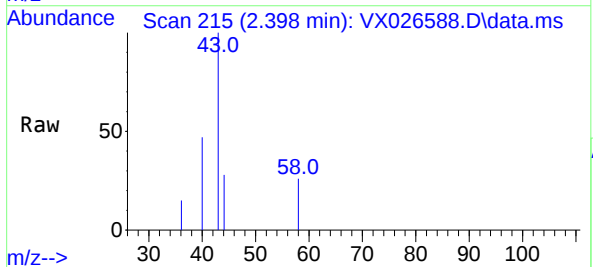


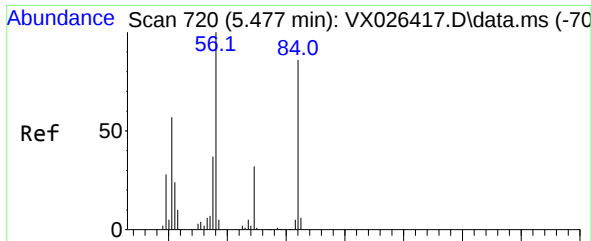
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 36.0 56.9 85.3#



#16
Acetone
Concen: 0.670 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

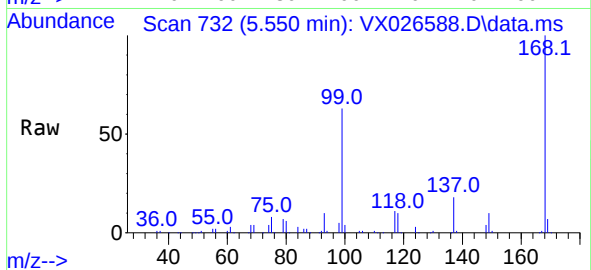
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 25.7 23.0 34.6



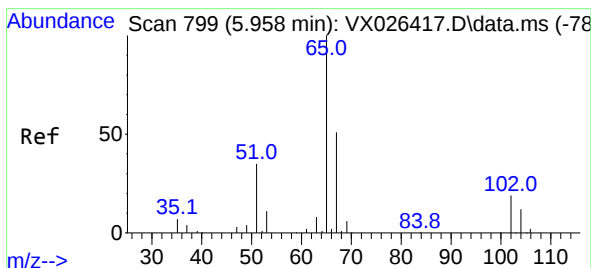
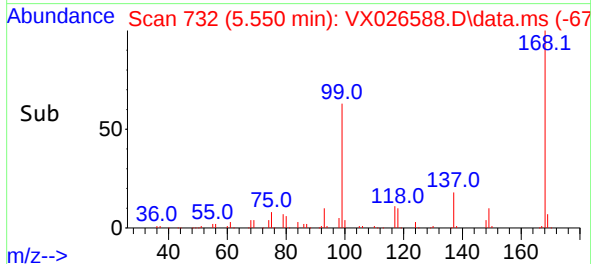
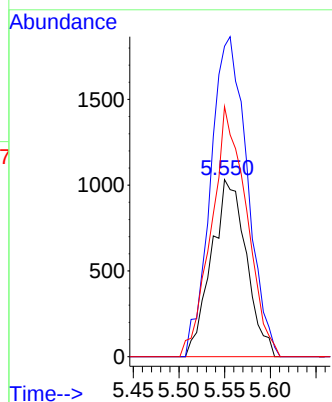


#31
Cyclohexane
Concen: 0.980 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Instrument :
MSVOA_X
ClientSampleId :
2256-2261

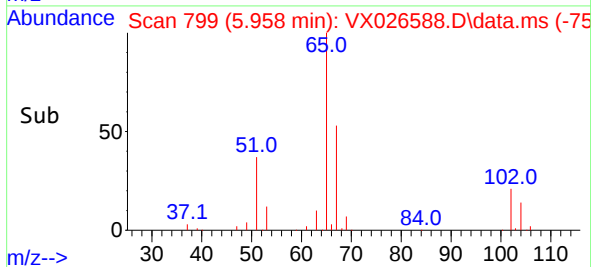
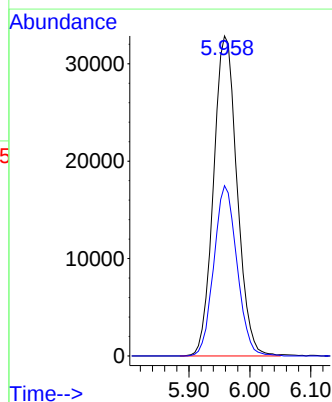
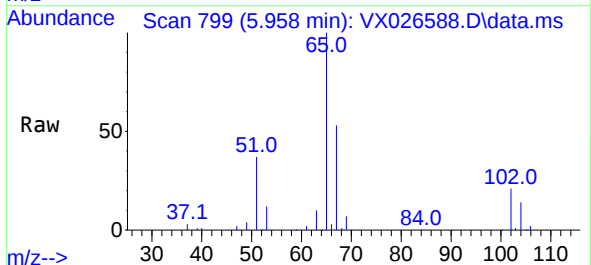


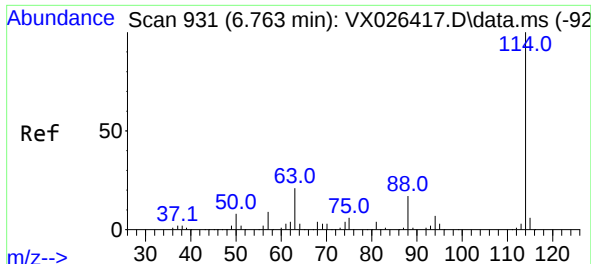
Tgt Ion: 56 Resp: 2741
Ion Ratio Lower Upper
56 100
69 175.2 25.8 38.6#
84 141.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.434 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Tgt Ion: 65 Resp: 88055
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.8

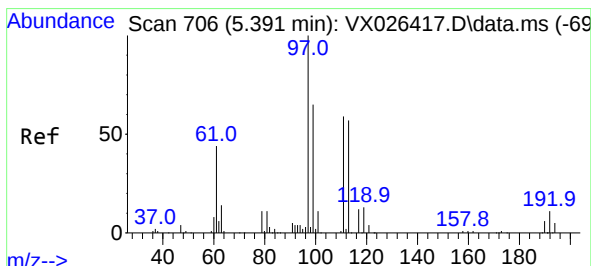
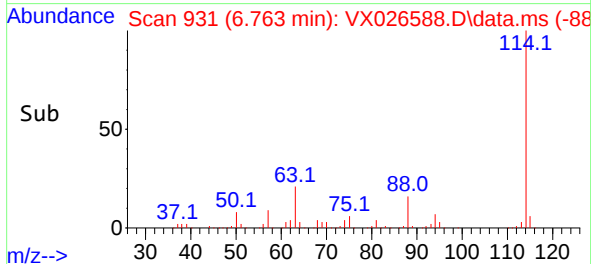
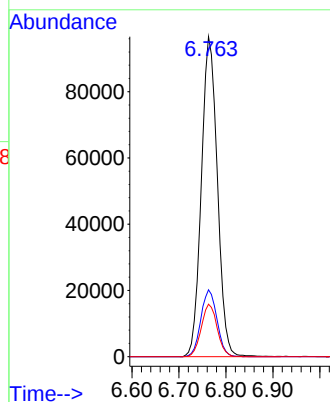
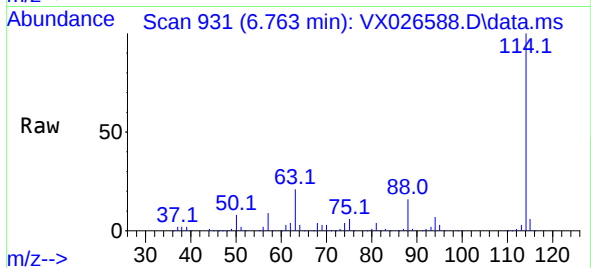




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

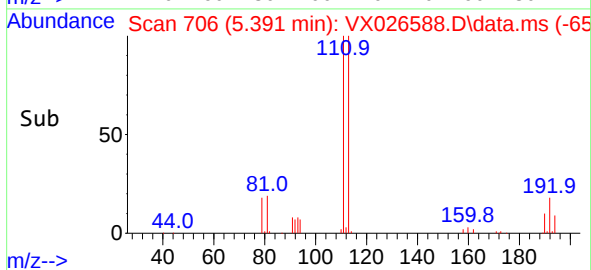
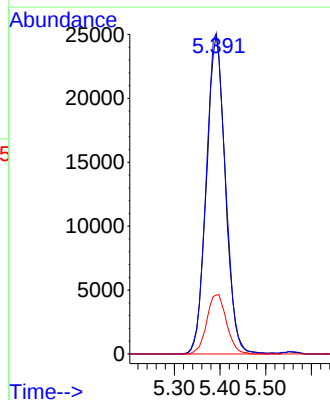
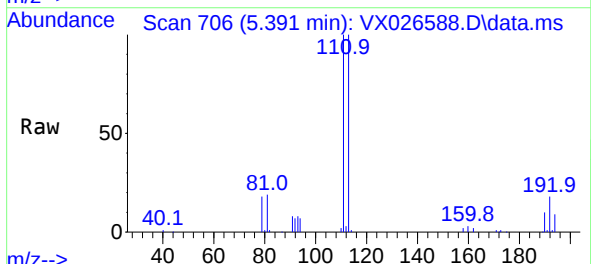
Instrument :
MSVOA_X
ClientSampleId :
2256-2261

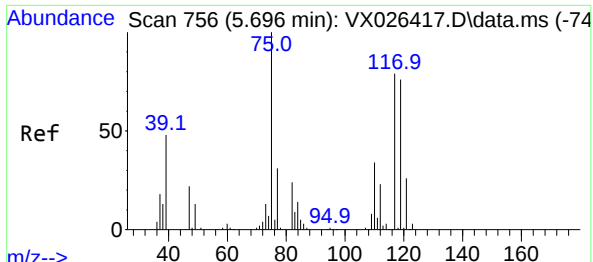
Tgt Ion:114 Resp: 228844
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.421 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Tgt Ion:113 Resp: 71556
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 19.4 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.651 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX026588.D

Acq: 26 Jan 2022 12:47

Instrument :

MSVOA_X

ClientSampleId :

2256-2261

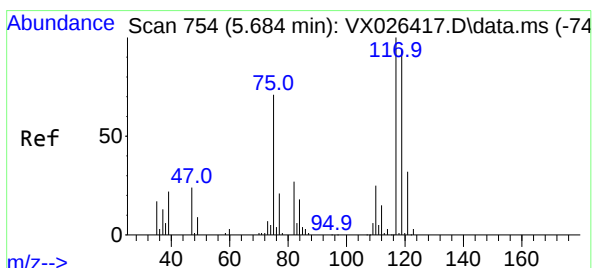
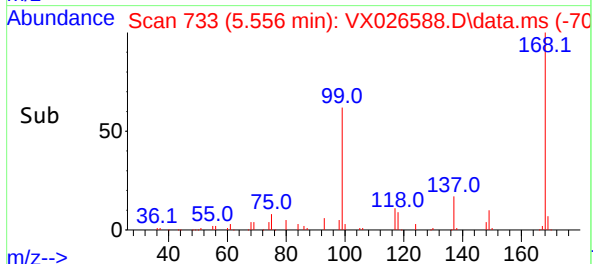
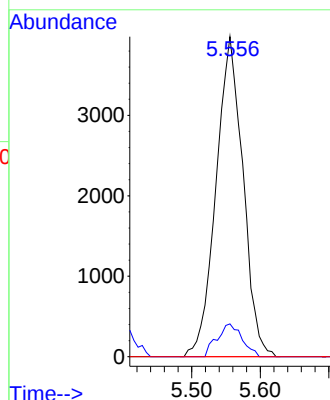
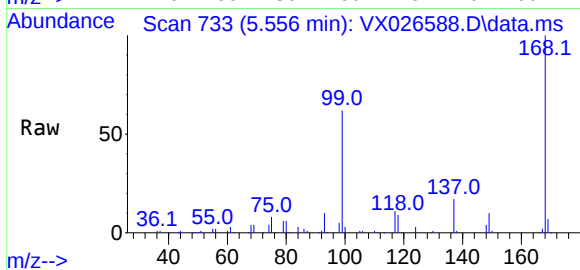
Tgt Ion: 75 Resp: 10850

Ion Ratio Lower Upper

75 100

110 9.5 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.883 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026588.D

Acq: 26 Jan 2022 12:47

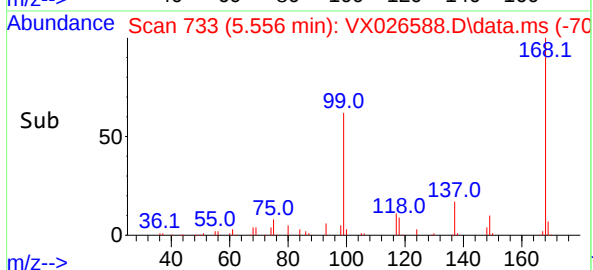
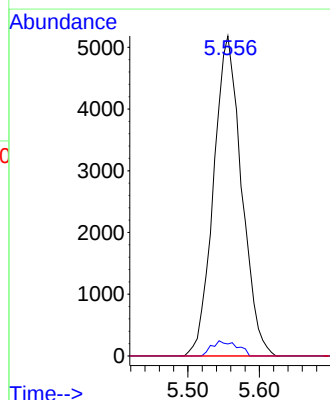
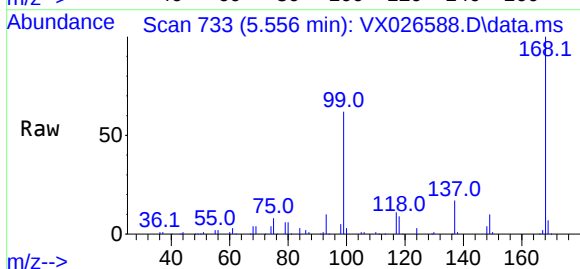
Tgt Ion: 117 Resp: 14118

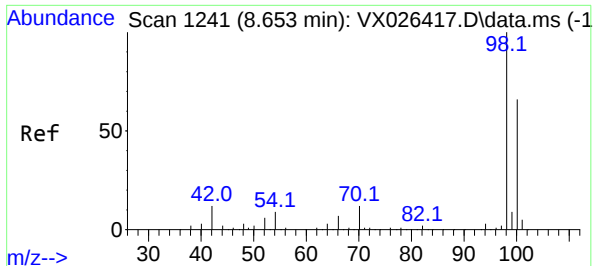
Ion Ratio Lower Upper

117 100

119 3.8 74.7 112.1#

121 0.0 25.4 38.0#

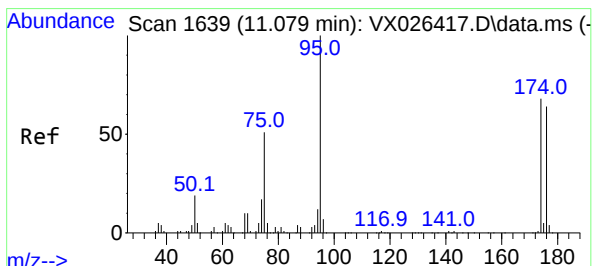
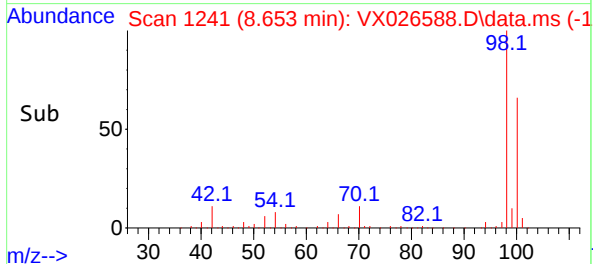
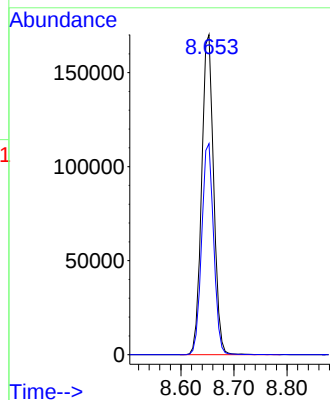
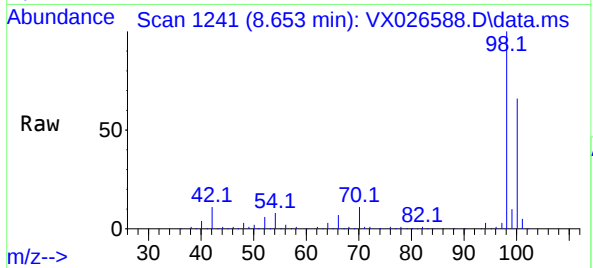




#50
Toluene-d8
Concen: 50.203 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

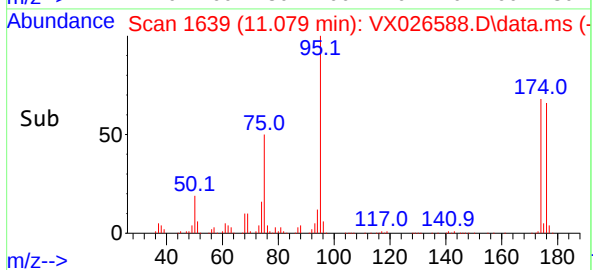
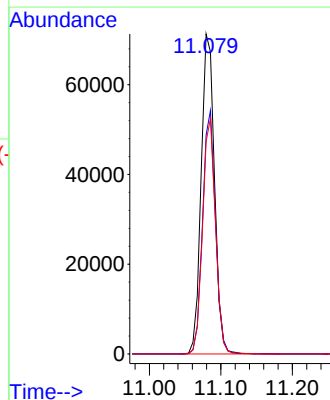
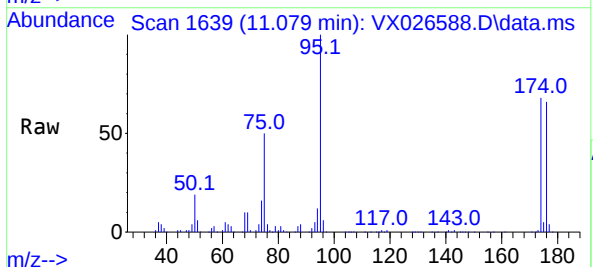
Instrument :
MSVOA_X
ClientSampleId :
2256-2261

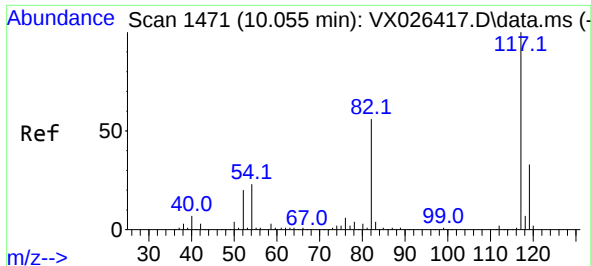
Tgt Ion: 98 Resp: 267352
Ion Ratio Lower Upper
98 100
100 65.9 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Tgt Ion: 95 Resp: 92083
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.6
176 71.4 0.0 141.4

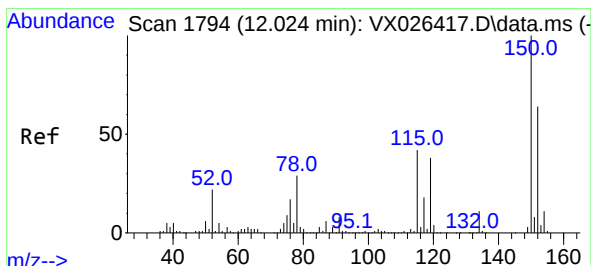
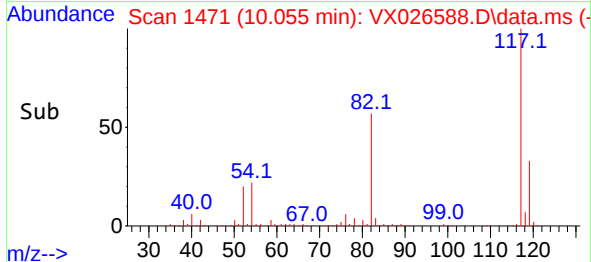
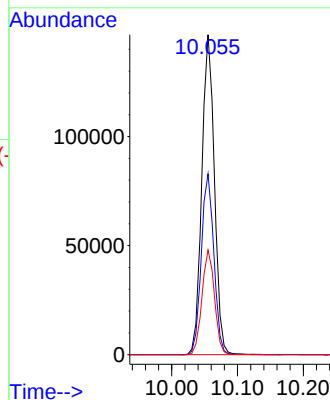
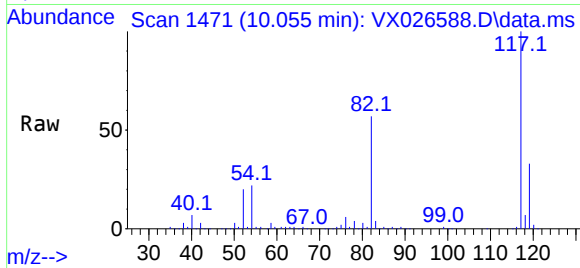




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

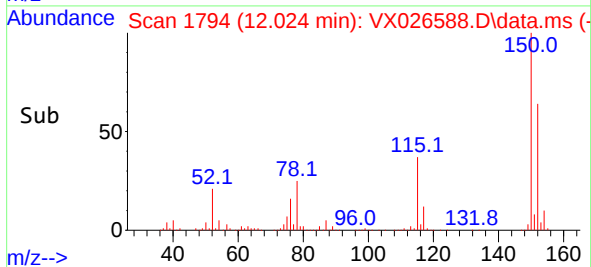
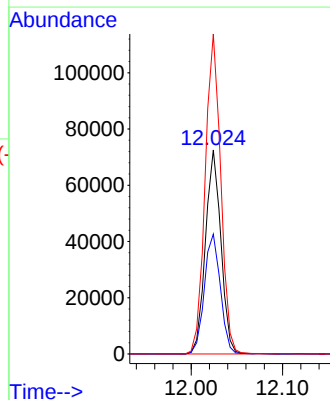
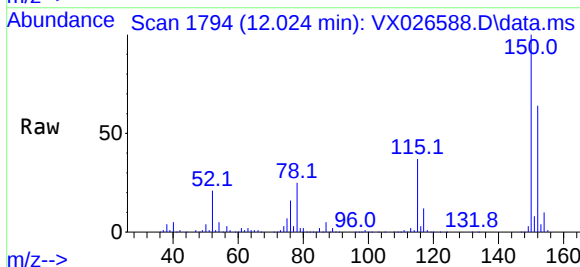
Instrument :
MSVOA_X
ClientSampleId :
2256-2261

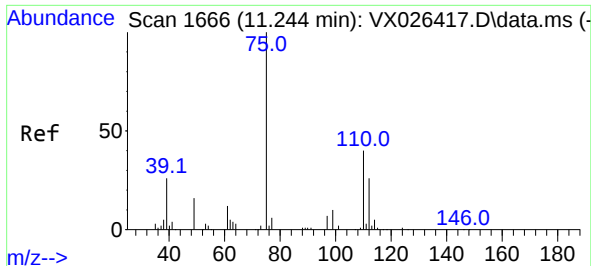
Tgt Ion:117 Resp: 194969
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Tgt Ion:152 Resp: 85363
Ion Ratio Lower Upper
152 100
115 60.9 44.2 132.6
150 157.9 0.0 348.2

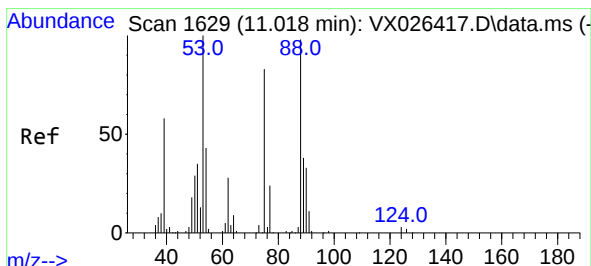
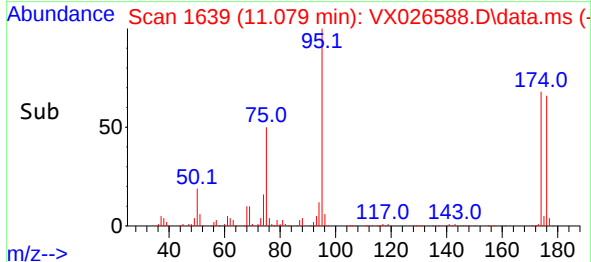
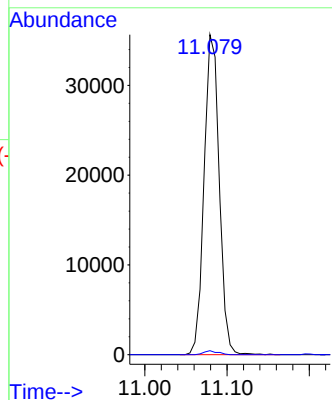
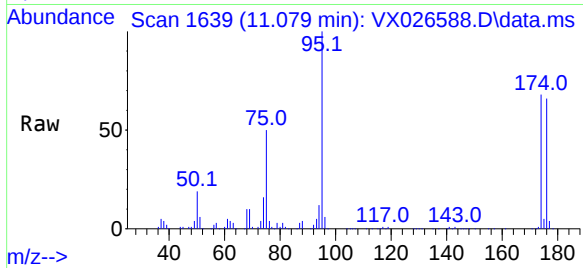




#76
1,2,3-Trichloropropane
Concen: 24.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

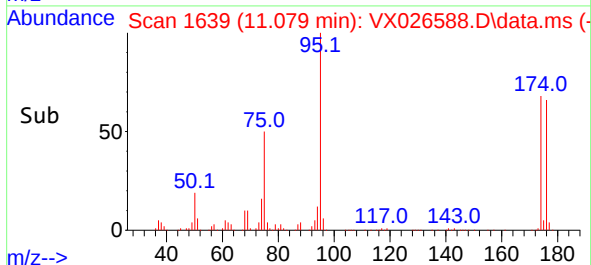
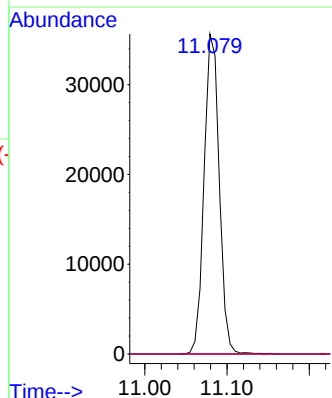
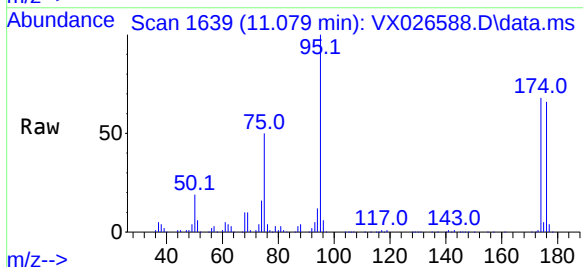
Instrument :
MSVOA_X
ClientSampleId :
2256-2261

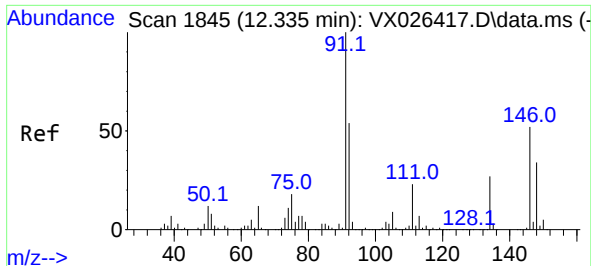
Tgt Ion: 75 Resp: 45581
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.864 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Tgt Ion: 75 Resp: 45581
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#89

n-Butylbenzene

Concen: 0.233 ug/l

RT: 12.335 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VX026588.D

Acq: 26 Jan 2022 12:47

Instrument :

MSVOA_X

ClientSampleId :

2256-2261

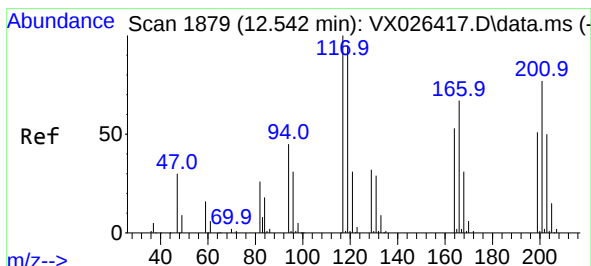
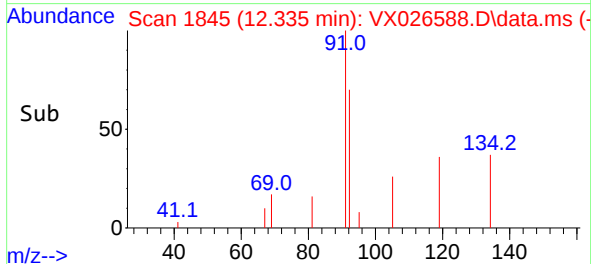
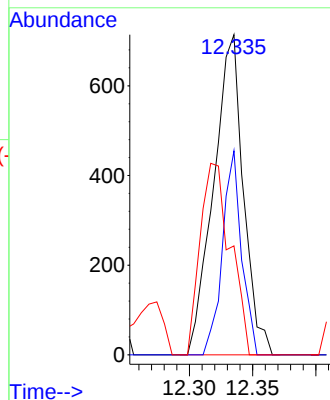
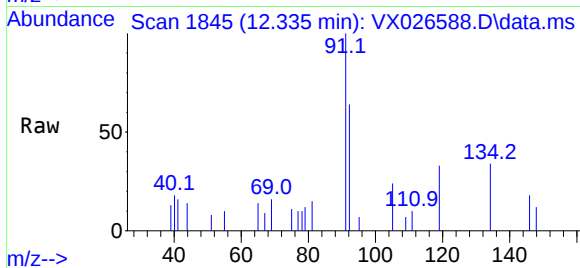
Tgt Ion: 91 Resp: 1169

Ion Ratio Lower Upper

91 100

92 40.9 27.2 81.6

134 60.7 13.1 39.1#



#90

Hexachloroethane

Concen: 2.495 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.012 min

Lab File: VX026588.D

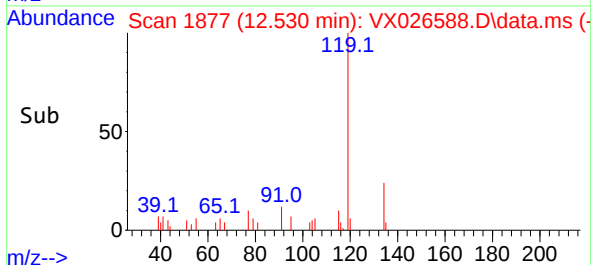
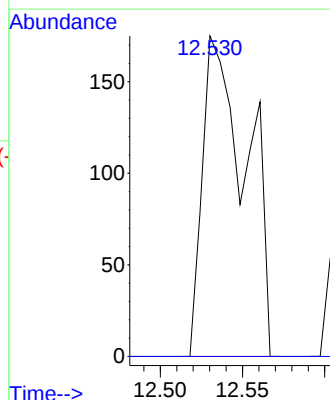
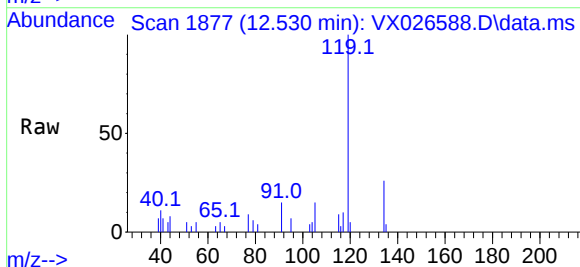
Acq: 26 Jan 2022 12:47

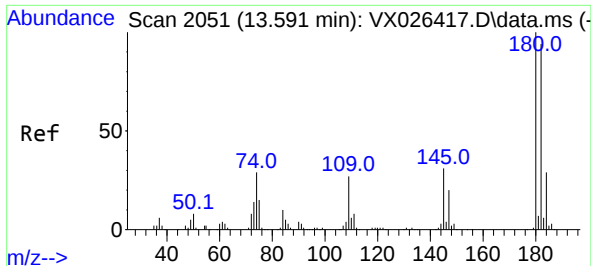
Tgt Ion: 117 Resp: 324

Ion Ratio Lower Upper

117 100

201 0.0 35.6 106.8#

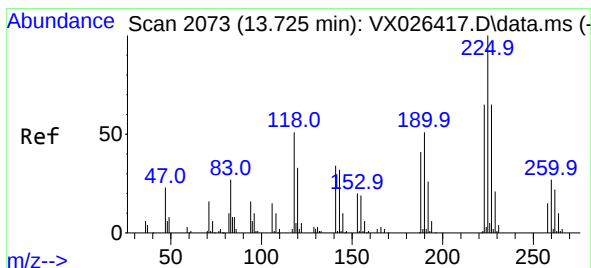
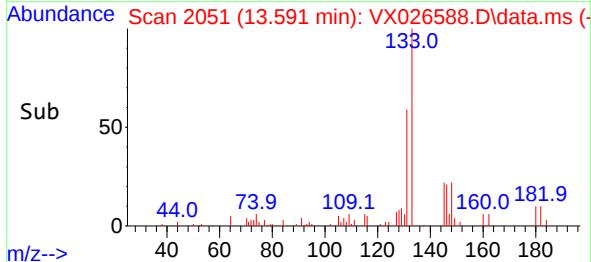
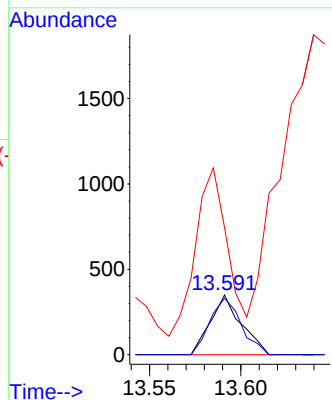
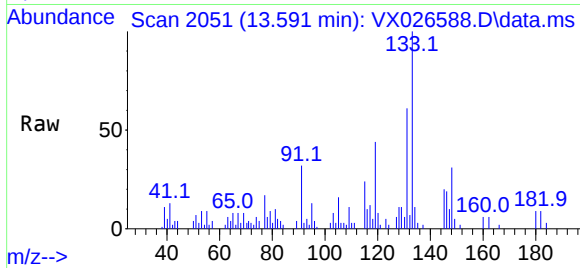




#93
1,2,4-Trichlorobenzene
Concen: 0.226 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

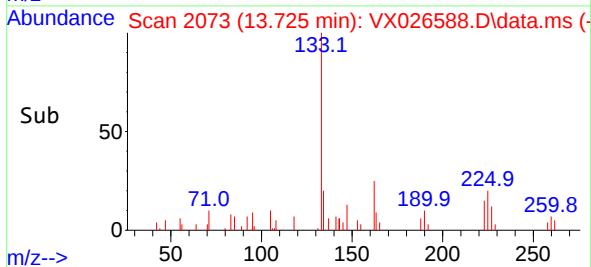
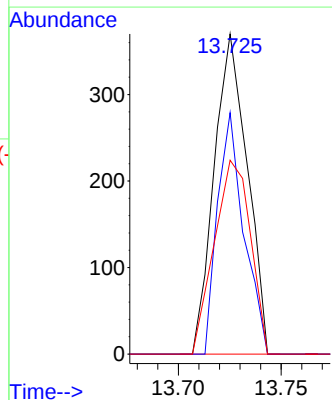
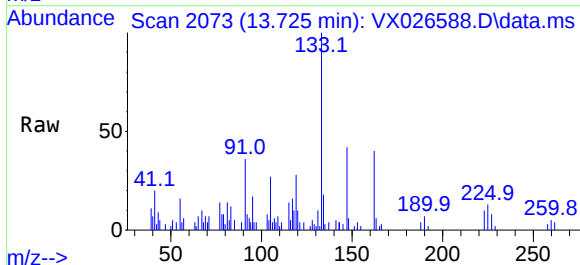
Instrument :
MSVOA_X
ClientSampleId :
2256-2261

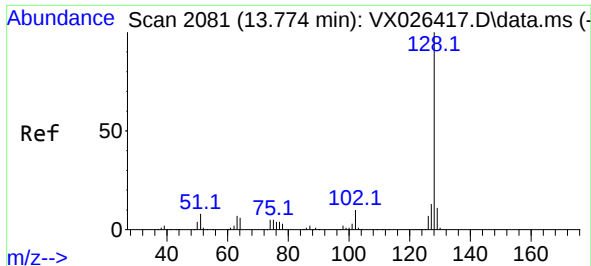
Tgt Ion:180 Resp: 411
Ion Ratio Lower Upper
180 100
182 96.6 46.7 140.0
145 337.5 16.3 48.8#



#94
Hexachlorobutadiene
Concen: 0.539 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Tgt Ion:225 Resp: 414
Ion Ratio Lower Upper
225 100
223 59.9 32.0 96.0
227 65.9 32.3 96.9

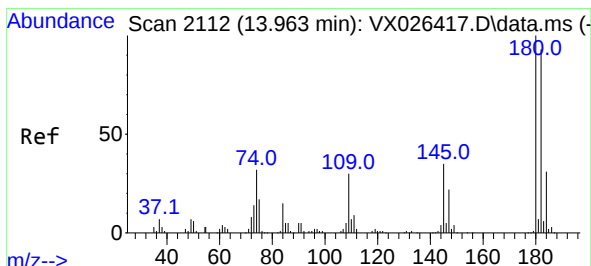
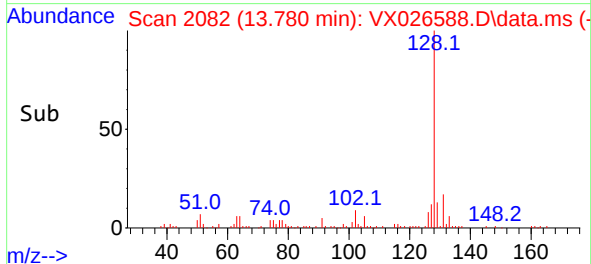
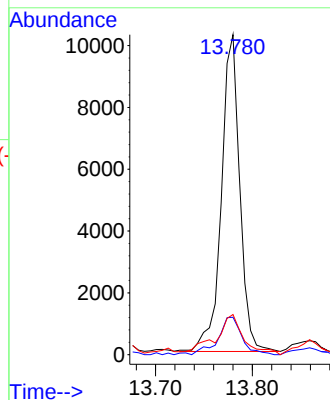
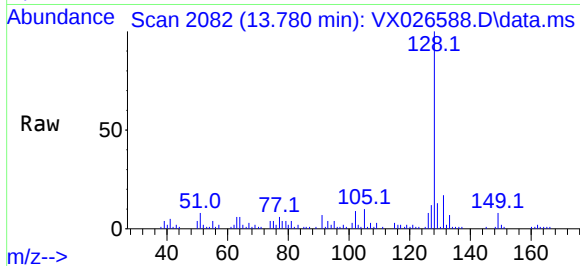




#95
Naphthalene
Concen: 2.227 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Instrument :
MSVOA_X
ClientSampleId :
2256-2261

Tgt Ion:128 Resp: 13524
Ion Ratio Lower Upper
128 100
127 15.5 10.3 15.5#
129 19.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.442 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX026588.D
Acq: 26 Jan 2022 12:47

Tgt Ion:180 Resp: 792
Ion Ratio Lower Upper
180 100
182 53.8 47.2 141.6
145 711.6 17.5 52.5#

