

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026985.D
 Acq On : 11 Feb 2022 22:39
 Operator : JC/MD
 Sample : VX0211MBL02
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBL02

Quant Time: Feb 12 04:37:43 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)

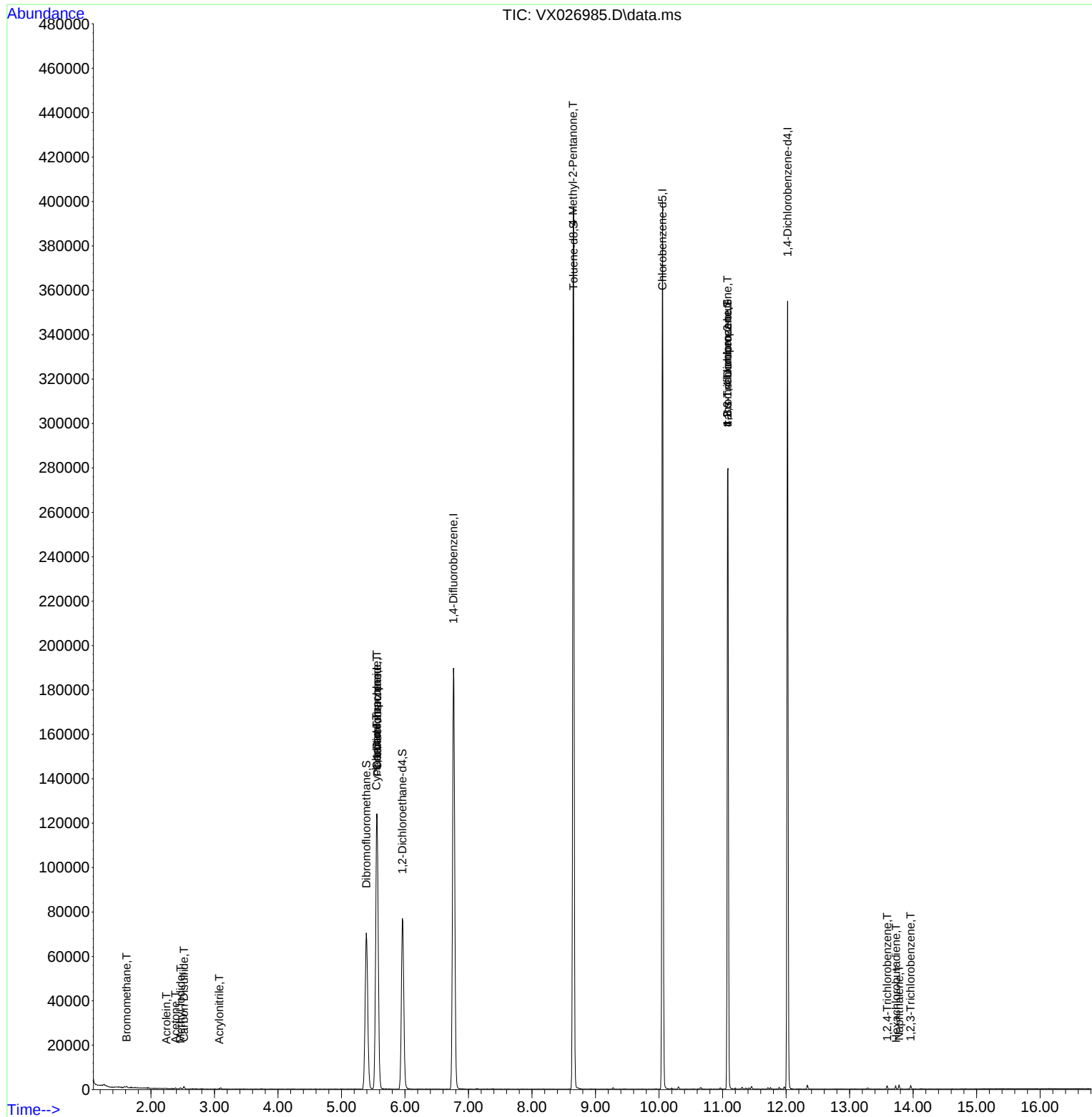
Internal Standards						
1) Pentafluorobenzene	5.562	168	118746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74584	52.324	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.640%			
35) Dibromofluoromethane	5.391	113	61225	52.152	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	8.653	98	230802	53.558	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.120%			
62) 4-Bromofluorobenzene	11.079	95	80503	53.061	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.120%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	214	0.401	ug/l	86
10) Methyl Iodide	2.465	142	546	2.564	ug/l #	83
13) Acrolein	2.239	56	106	0.445	ug/l #	41
15) Acrylonitrile	3.075	53	185	0.251	ug/l #	64
16) Acetone	2.386	43	459	0.733	ug/l #	69
17) Carbon Disulfide	2.520	76	1219	0.354	ug/l	97
31) Cyclohexane	5.550	56	2285	1.009	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9097	4.912	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12096	6.228	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	964	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40026	25.339	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	40026	77.244	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.591	180	503	0.334	ug/l	93
94) Hexachlorobutadiene	13.731	225	272	0.427	ug/l	81
95) Naphthalene	13.780	128	1451	0.275	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	587	0.385	ug/l	85

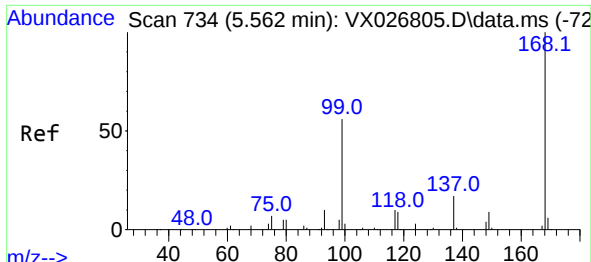
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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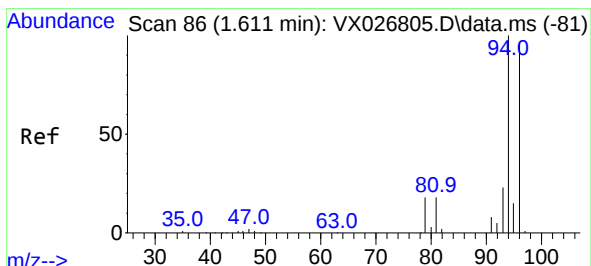
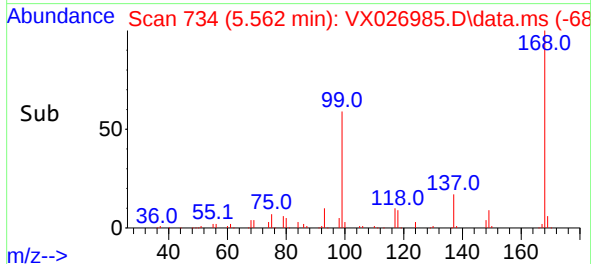
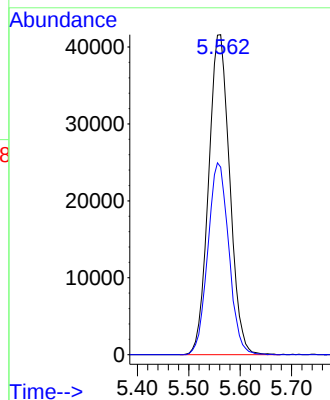
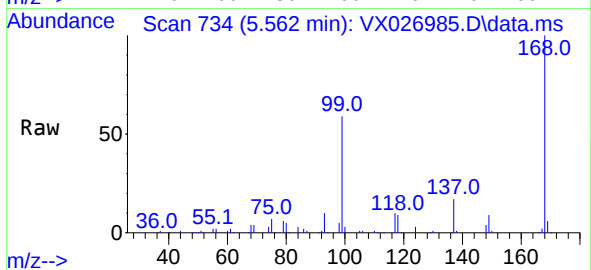




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

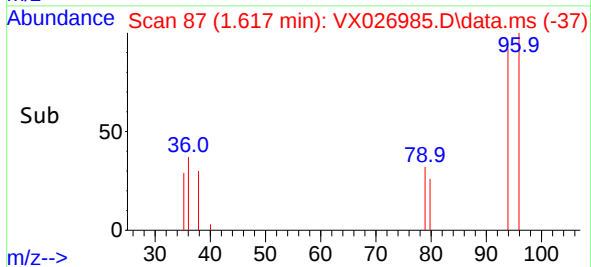
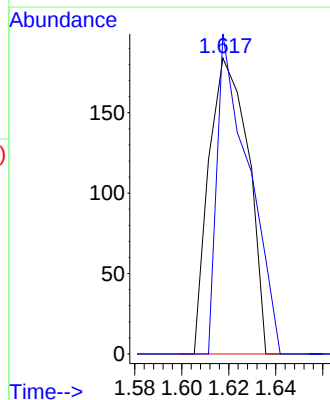
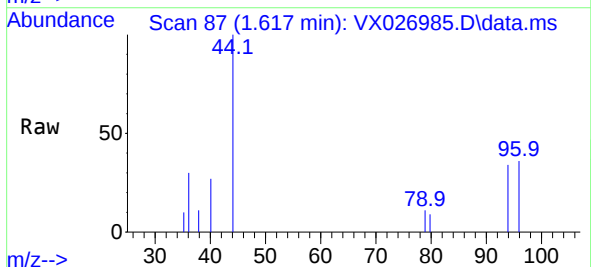
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL02

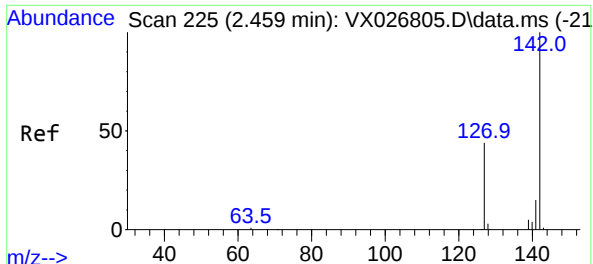
Tgt Ion:168 Resp: 118746
Ion Ratio Lower Upper
168 100
99 58.6 50.3 75.5



#5
Bromomethane
Concen: 0.401 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 108.2 75.9 113.9

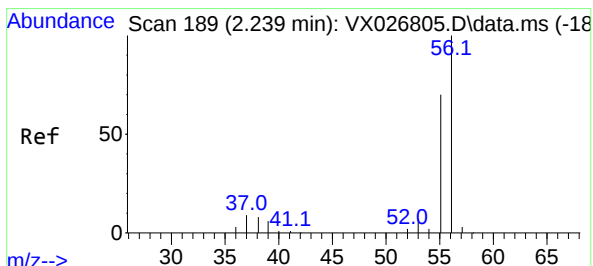
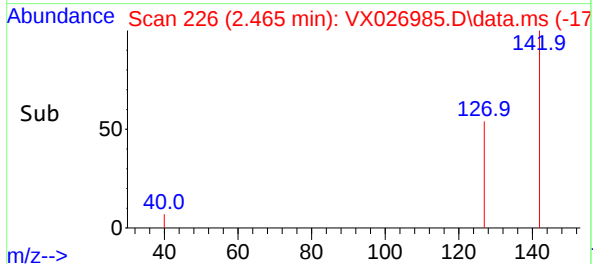
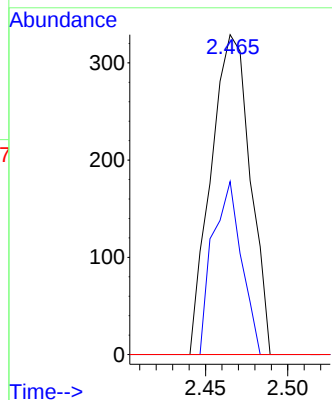
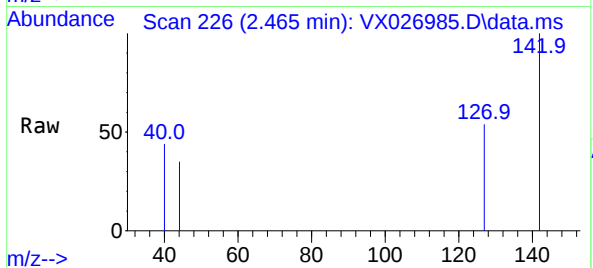




#10
Methyl Iodide
Concen: 2.564 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

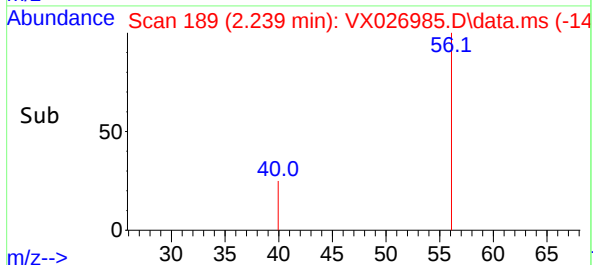
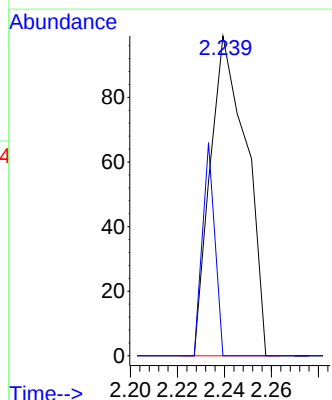
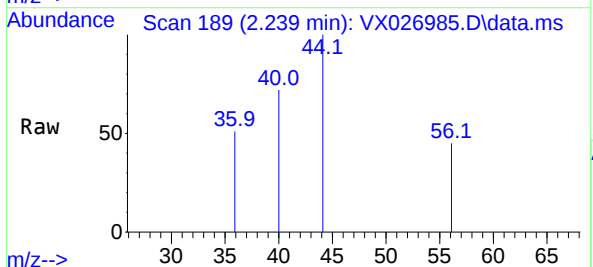
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL02

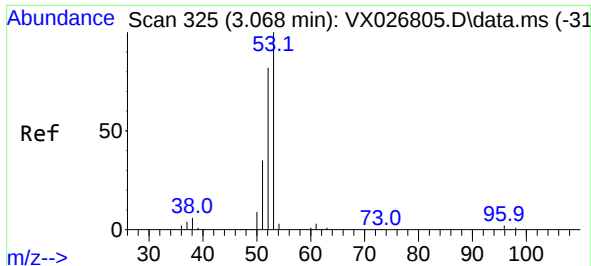
Tgt Ion:142 Resp: 546
Ion Ratio Lower Upper
142 100
127 39.7 38.1 57.1
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 0.445 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

Tgt Ion: 56 Resp: 106
Ion Ratio Lower Upper
56 100
55 22.6 56.9 85.3#

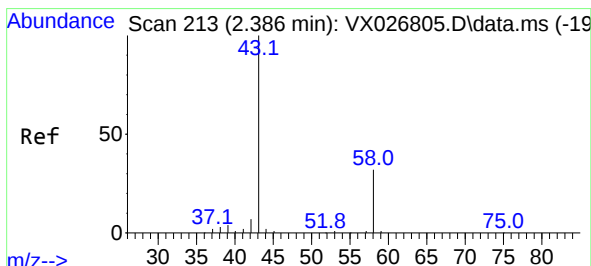
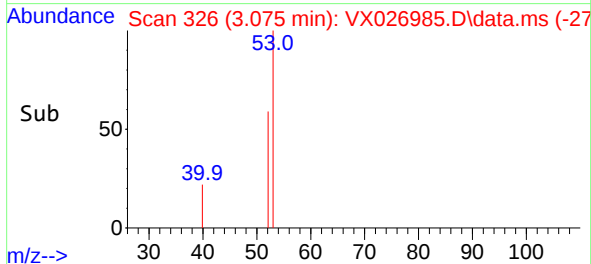
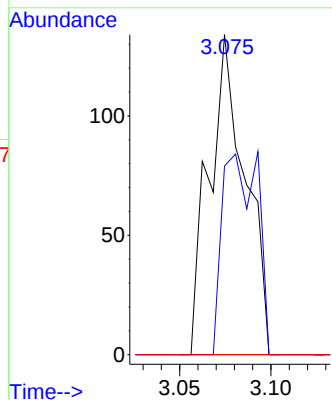
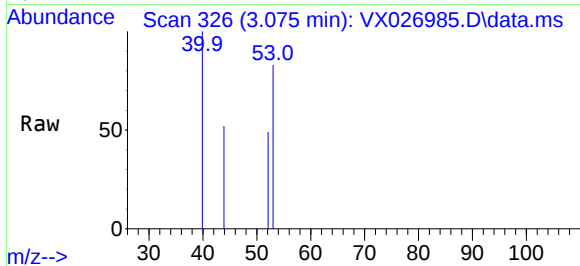




#15
Acrylonitrile
Concen: 0.251 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

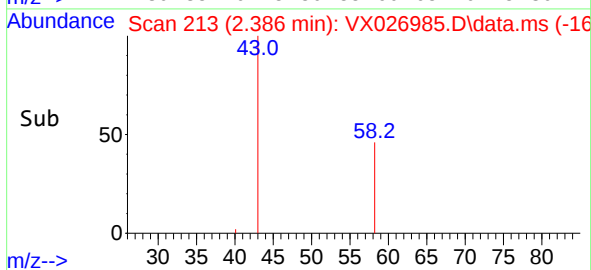
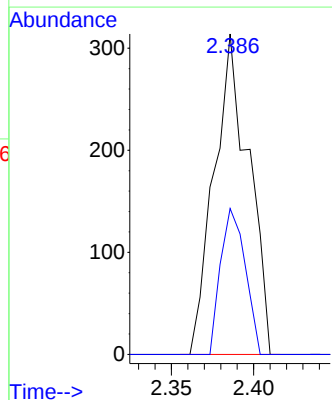
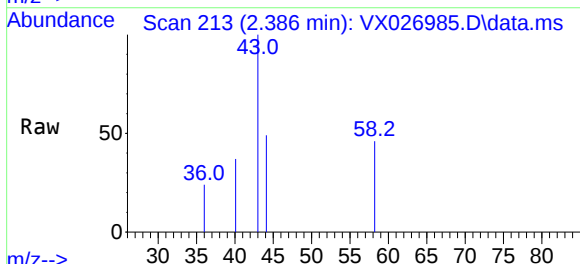
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL02

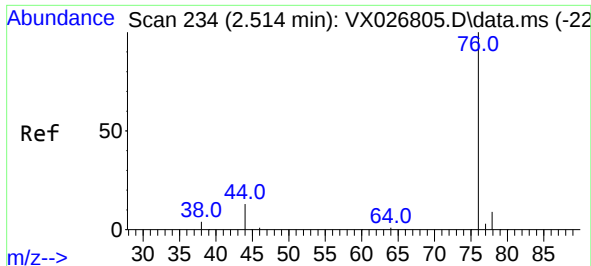
Tgt Ion: 53 Resp: 185
Ion Ratio Lower Upper
53 100
52 61.1 66.6 100.0#
51 0.0 29.5 44.3#



#16
Acetone
Concen: 0.733 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 45.5 23.0 34.6#

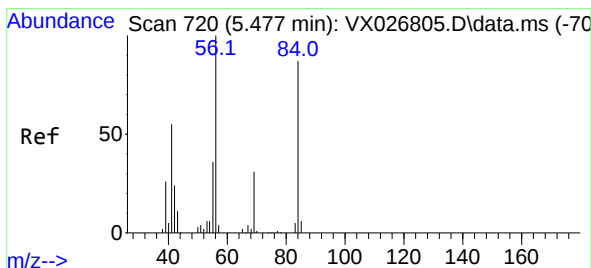
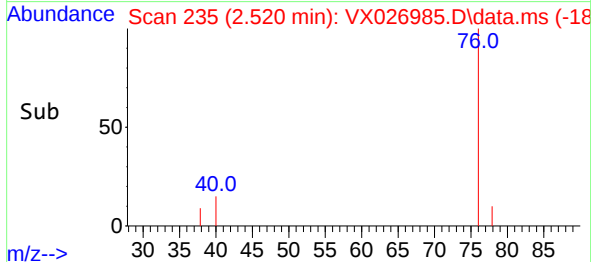
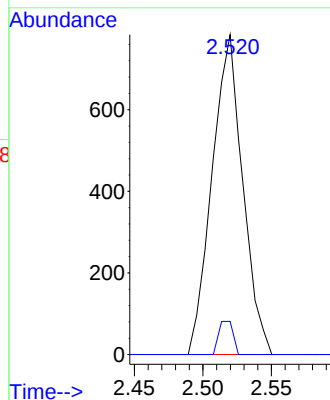
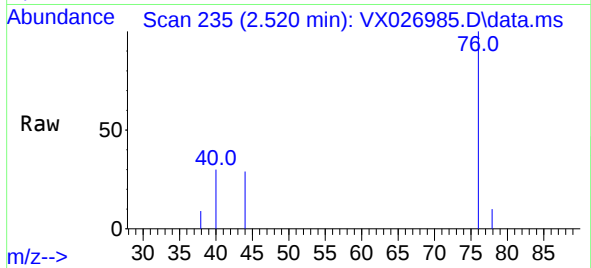




#17
Carbon Disulfide
Concen: 0.354 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

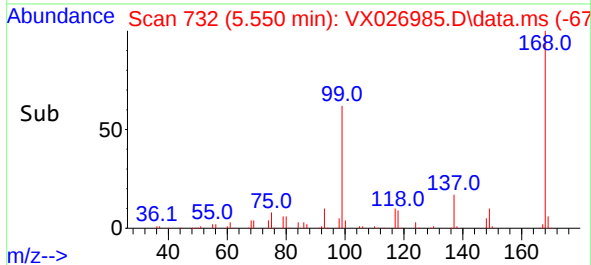
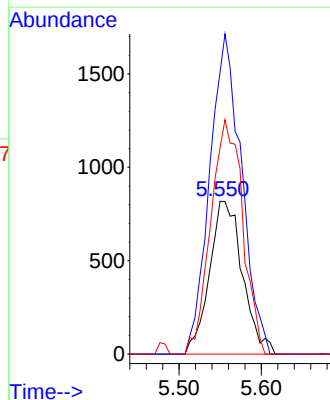
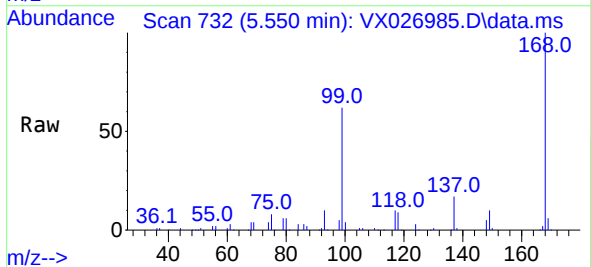
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL02

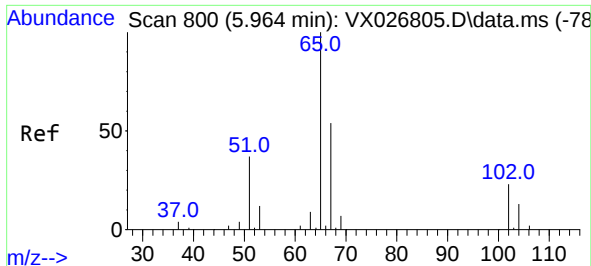
Tgt Ion: 76 Resp: 1219
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3



#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

Tgt Ion: 56 Resp: 2285
Ion Ratio Lower Upper
56 100
69 184.4 25.8 38.6#
84 134.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 52.324 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026985.D

Acq: 11 Feb 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

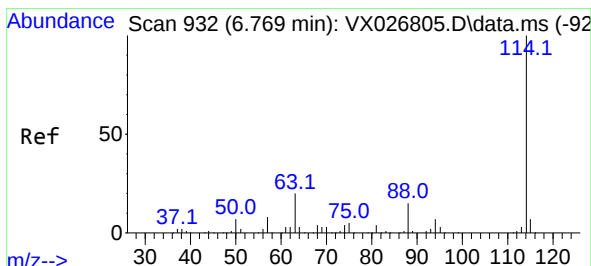
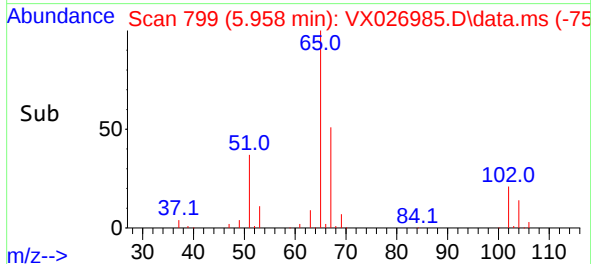
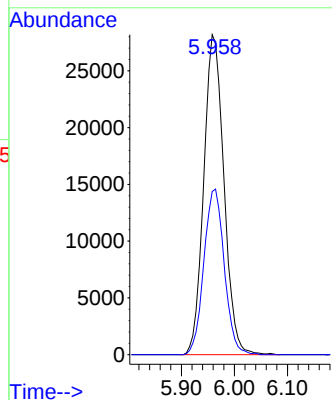
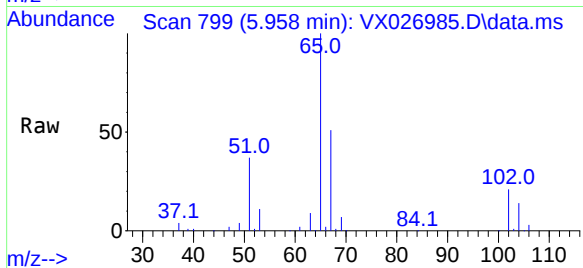
VX0211MBL02

Tgt Ion: 65 Resp: 74584

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# 931

Delta R.T. -0.006 min

Lab File: VX026985.D

Acq: 11 Feb 2022 22:39

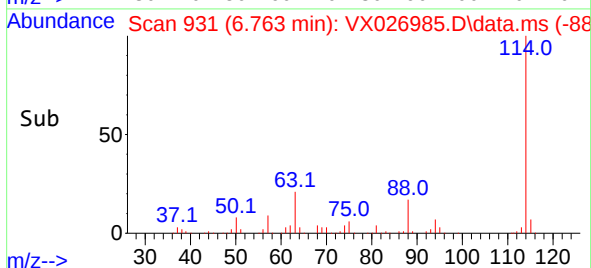
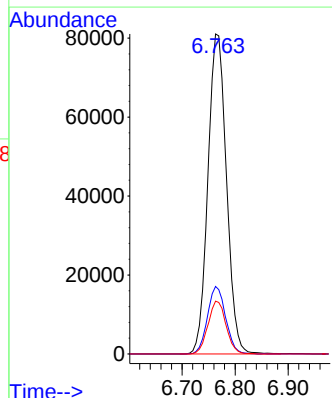
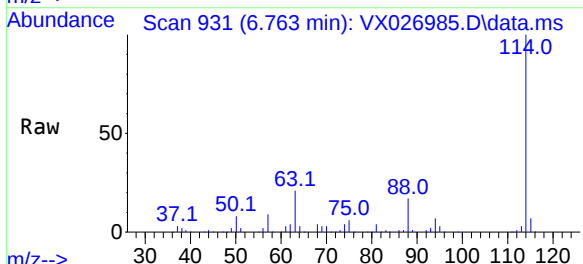
Tgt Ion: 114 Resp: 197050

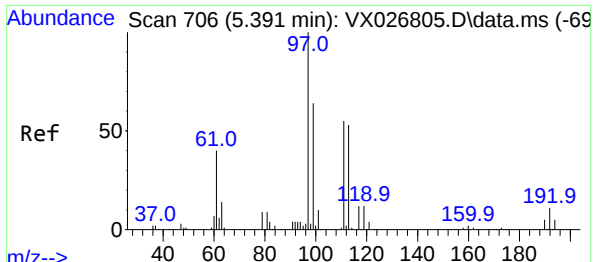
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

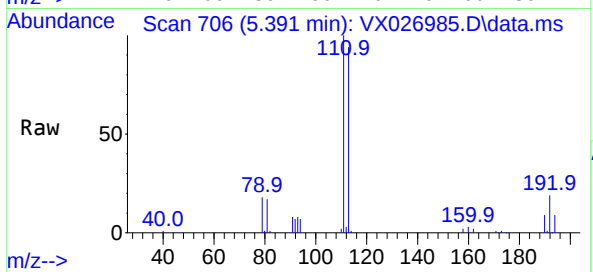
88 16.5 0.0 33.0



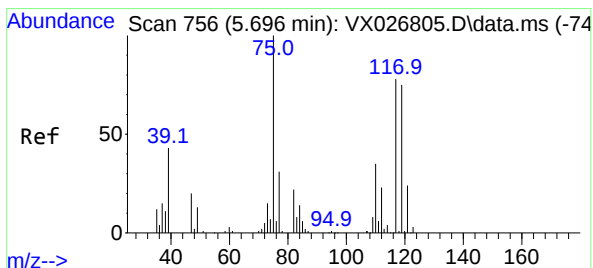
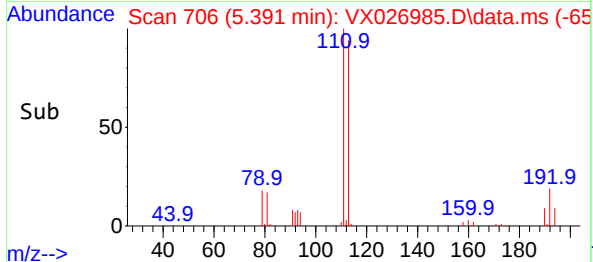
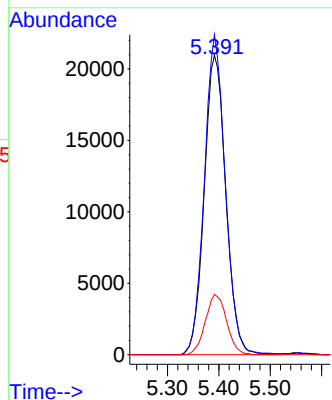


#35
Dibromofluoromethane
Concen: 52.152 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL02

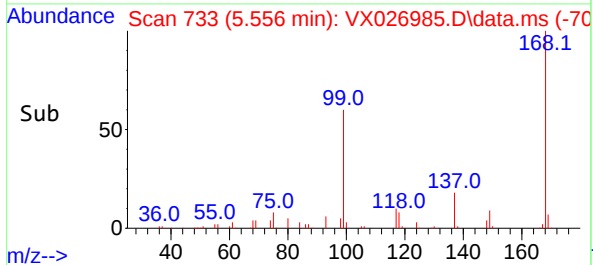
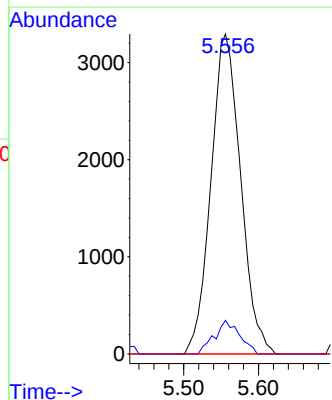
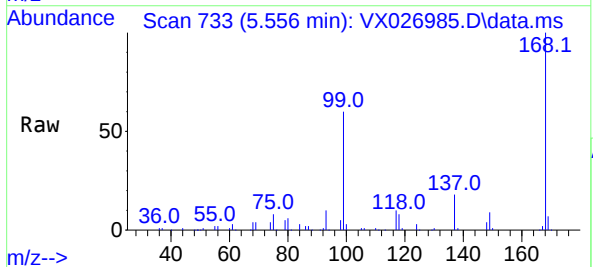


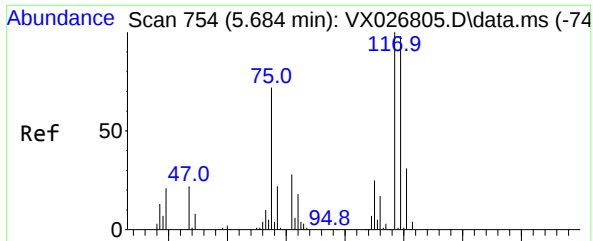
Tgt Ion:113 Resp: 61225
Ion Ratio Lower Upper
113 100
111 103.7 81.2 121.8
192 19.8 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.912 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

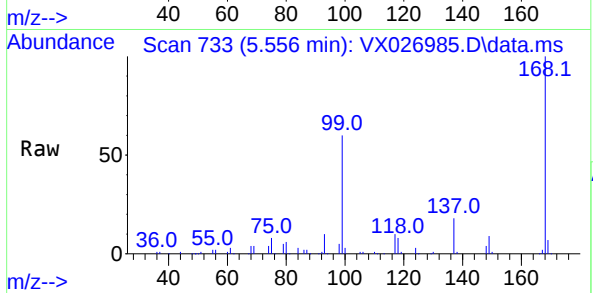
Tgt Ion: 75 Resp: 9097
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



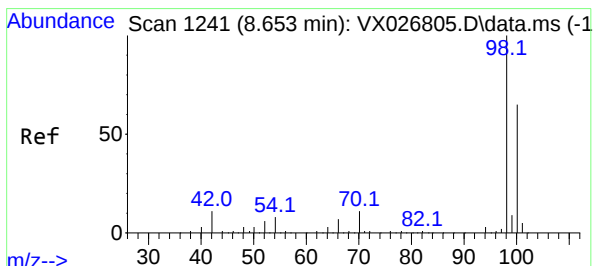
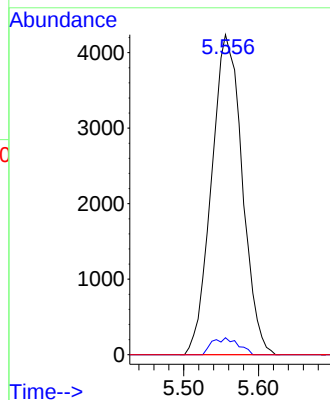
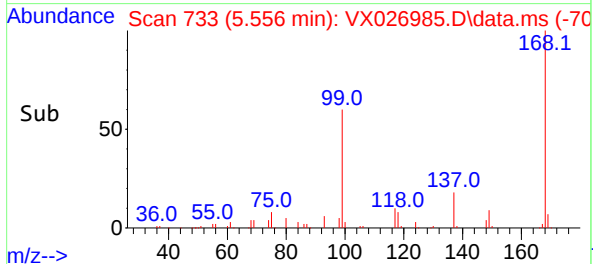


#38
Carbon Tetrachloride
Concen: 6.228 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL02

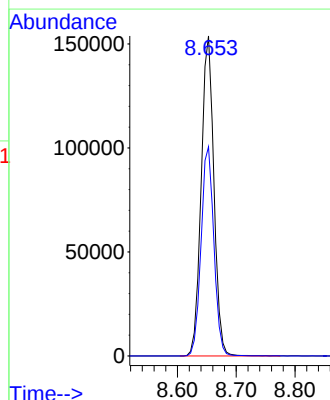
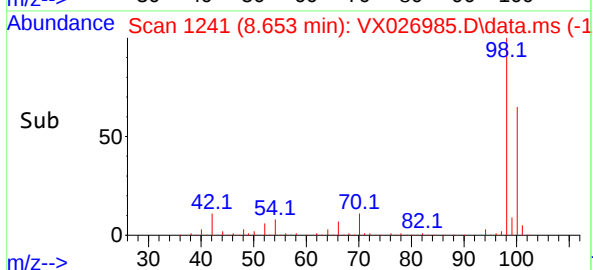
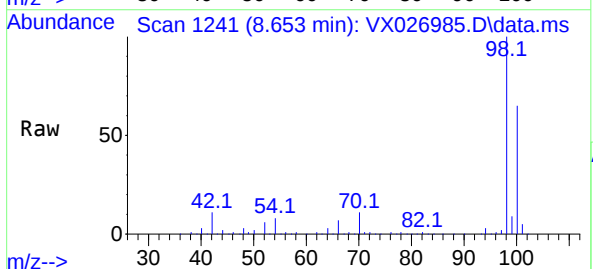


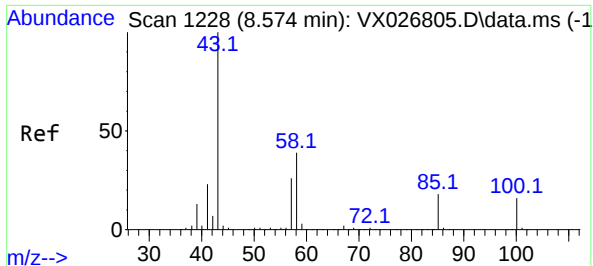
Tgt Ion:117 Resp: 12096
Ion Ratio Lower Upper
117 100
119 5.3 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 53.558 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

Tgt Ion: 98 Resp: 230802
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.491 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026985.D

Acq: 11 Feb 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

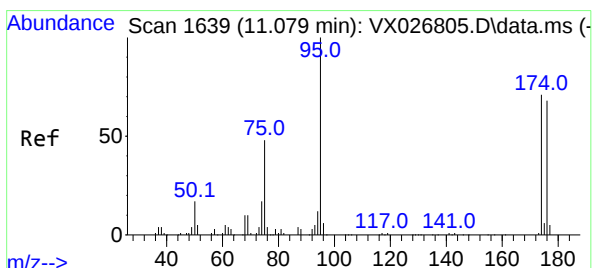
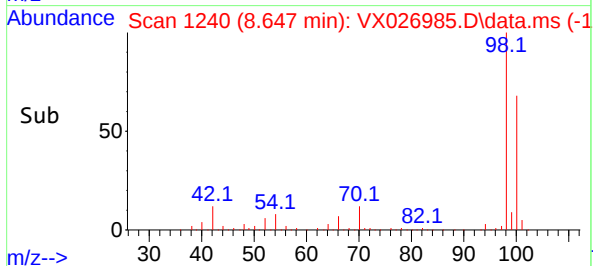
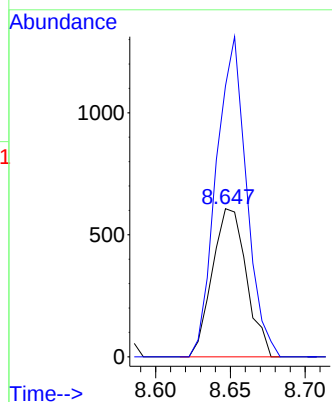
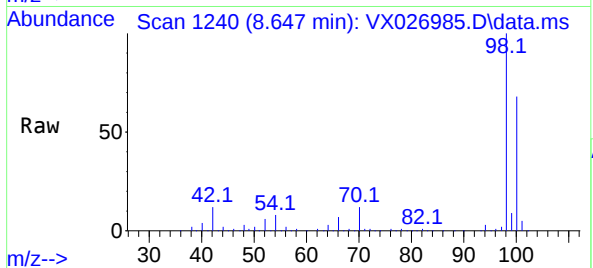
VX0211MBL02

Tgt Ion: 43 Resp: 964

Ion Ratio Lower Upper

43 100

58 192.1 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 53.061 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026985.D

Acq: 11 Feb 2022 22:39

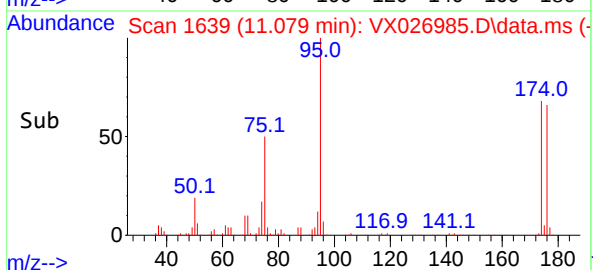
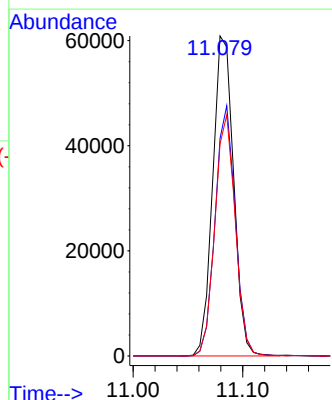
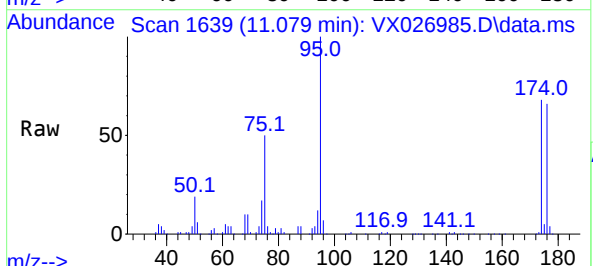
Tgt Ion: 95 Resp: 80503

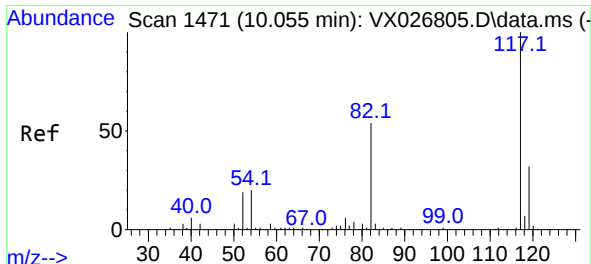
Ion Ratio Lower Upper

95 100

174 75.6 0.0 148.6

176 73.4 0.0 141.4

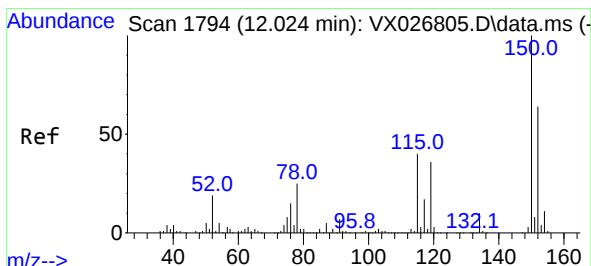
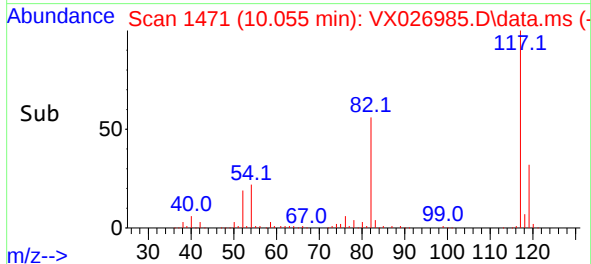
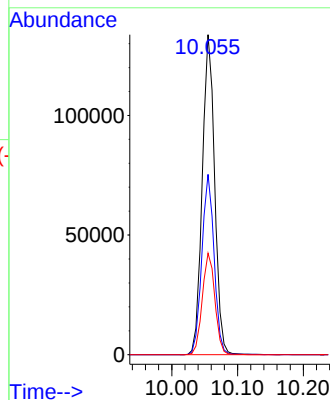
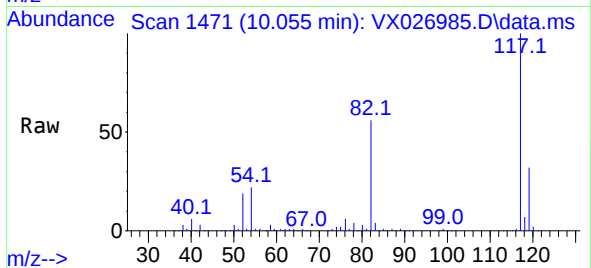




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

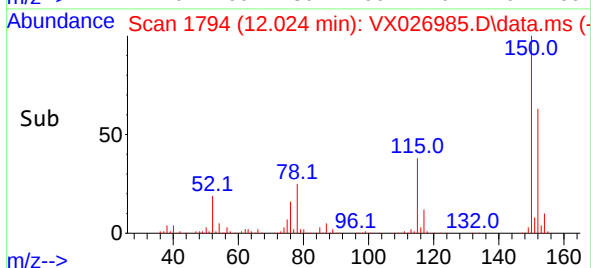
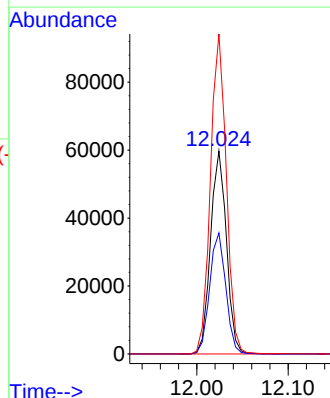
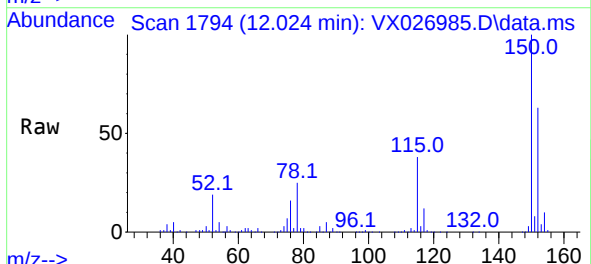
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL02

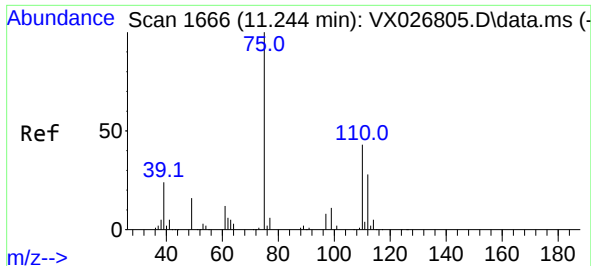
Tgt Ion:117 Resp: 175010
Ion Ratio Lower Upper
117 100
82 56.4 45.2 67.8
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

Tgt Ion:152 Resp: 72160
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 157.4 0.0 348.2

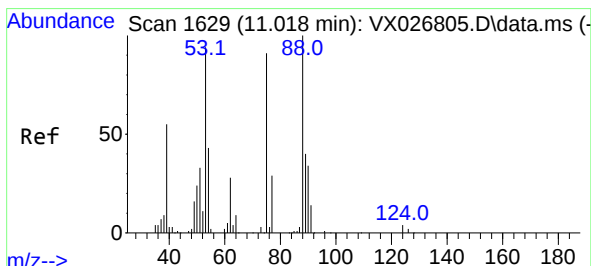
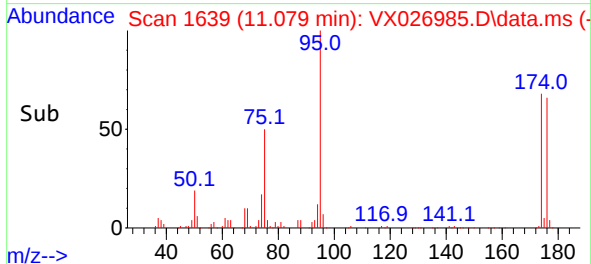
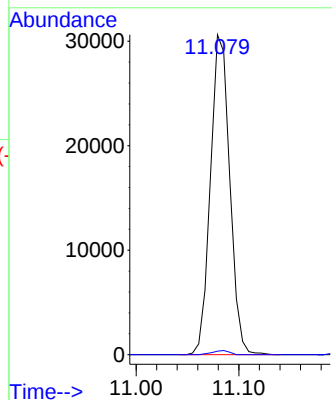
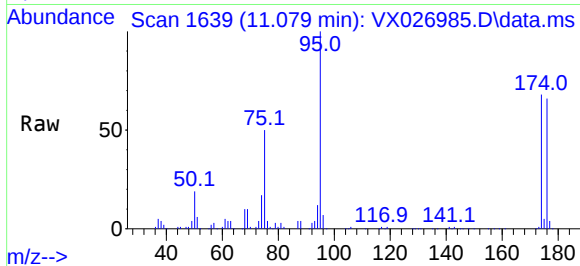




#76
1,2,3-Trichloropropane
Concen: 25.339 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

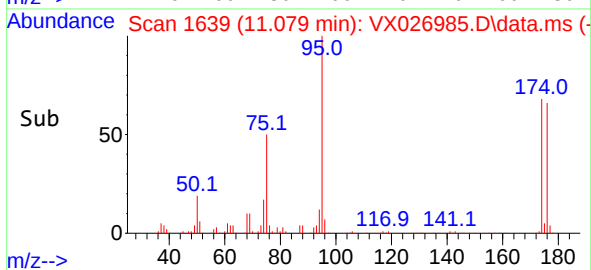
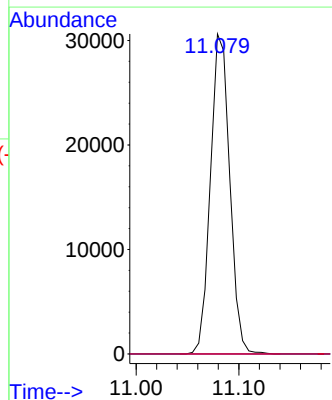
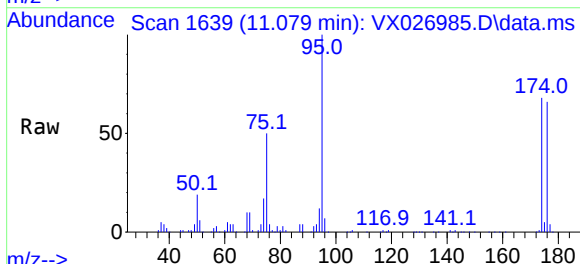
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL02

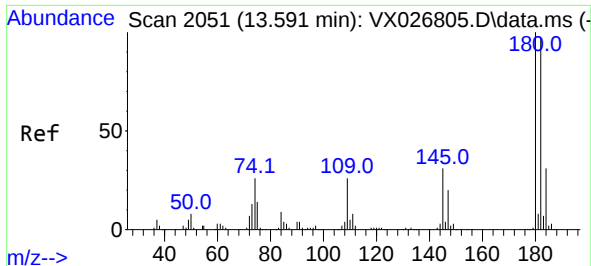
Tgt Ion: 75 Resp: 40026
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

Tgt Ion: 75 Resp: 40026
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: 0.334 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX026985.D

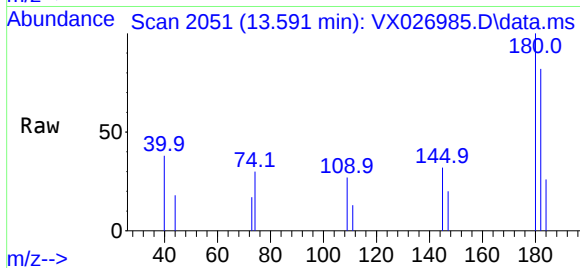
Acq: 11 Feb 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBL02



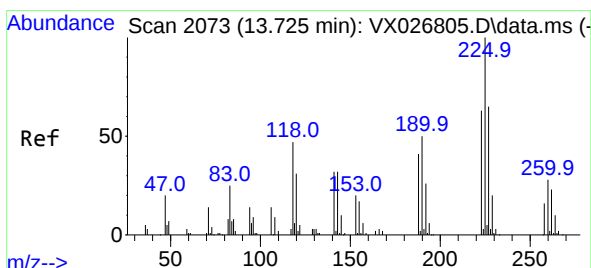
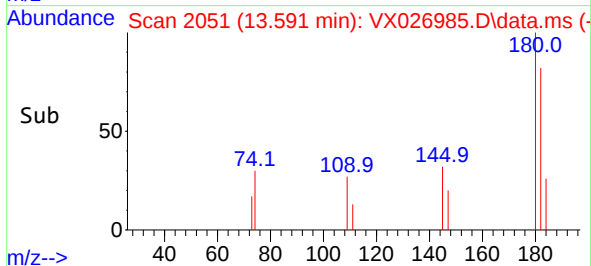
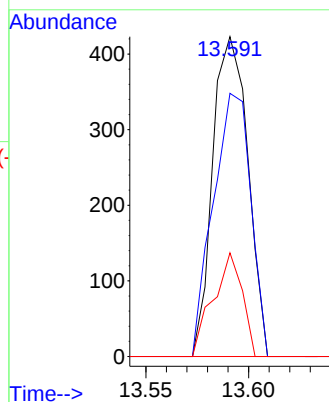
Tgt Ion:180 Resp: 503

Ion Ratio Lower Upper

180 100

182 87.9 46.7 140.0

145 26.8 16.3 48.8



#94

Hexachlorobutadiene

Concen: 0.427 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX026985.D

Acq: 11 Feb 2022 22:39

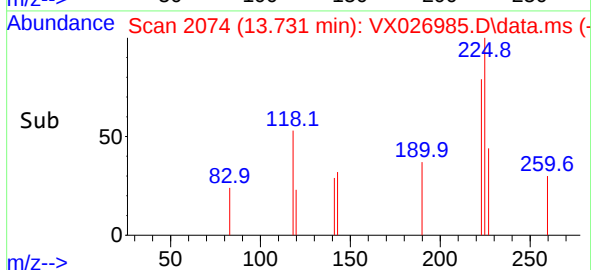
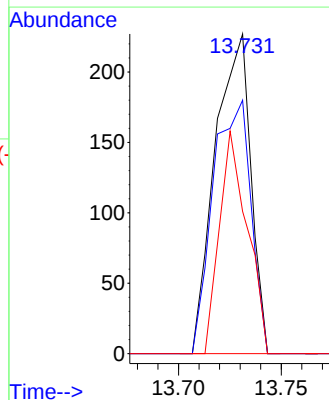
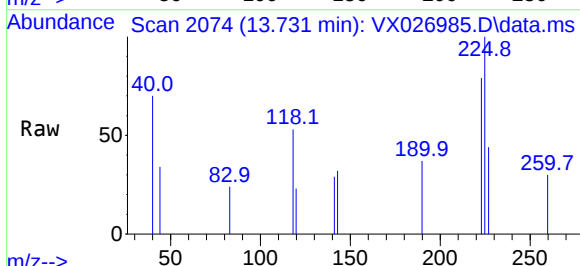
Tgt Ion:225 Resp: 272

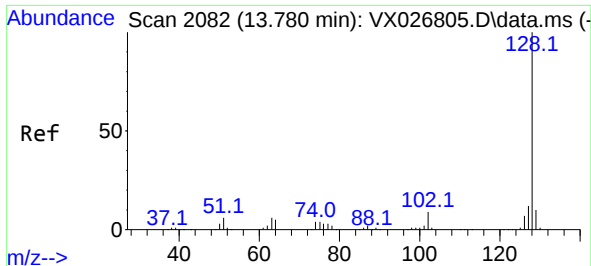
Ion Ratio Lower Upper

225 100

223 84.6 32.0 96.0

227 54.8 32.3 96.9

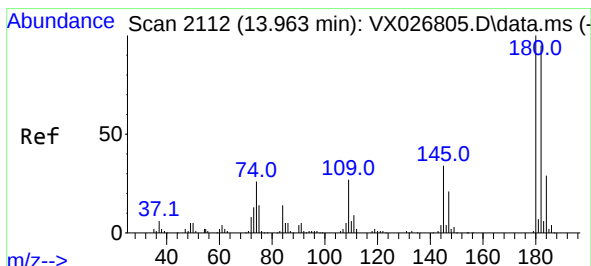
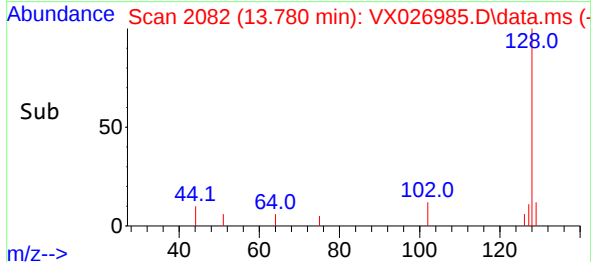
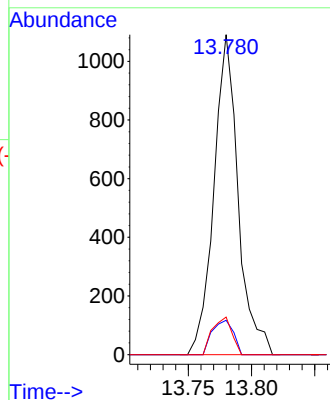
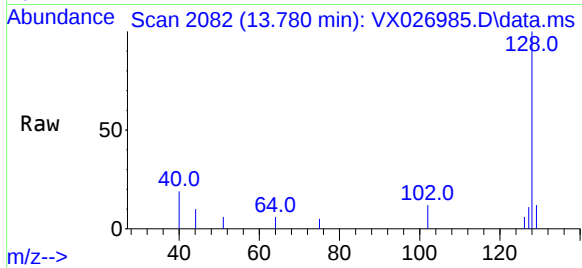




#95
Naphthalene
Concen: 0.275 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL02

Tgt Ion:	128	Resp:	1451
Ion	Ratio	Lower	Upper
128	100		
127	9.4	10.3	15.5#
129	9.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.385 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026985.D
Acq: 11 Feb 2022 22:39

Tgt Ion:	180	Resp:	587
Ion	Ratio	Lower	Upper
180	100		
182	74.6	47.2	141.6
145	34.2	17.5	52.5

