

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025316.D
 Acq On : 24 Nov 2021 10:40
 Operator : JC/MD
 Sample : VX1124MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 26 10:30:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

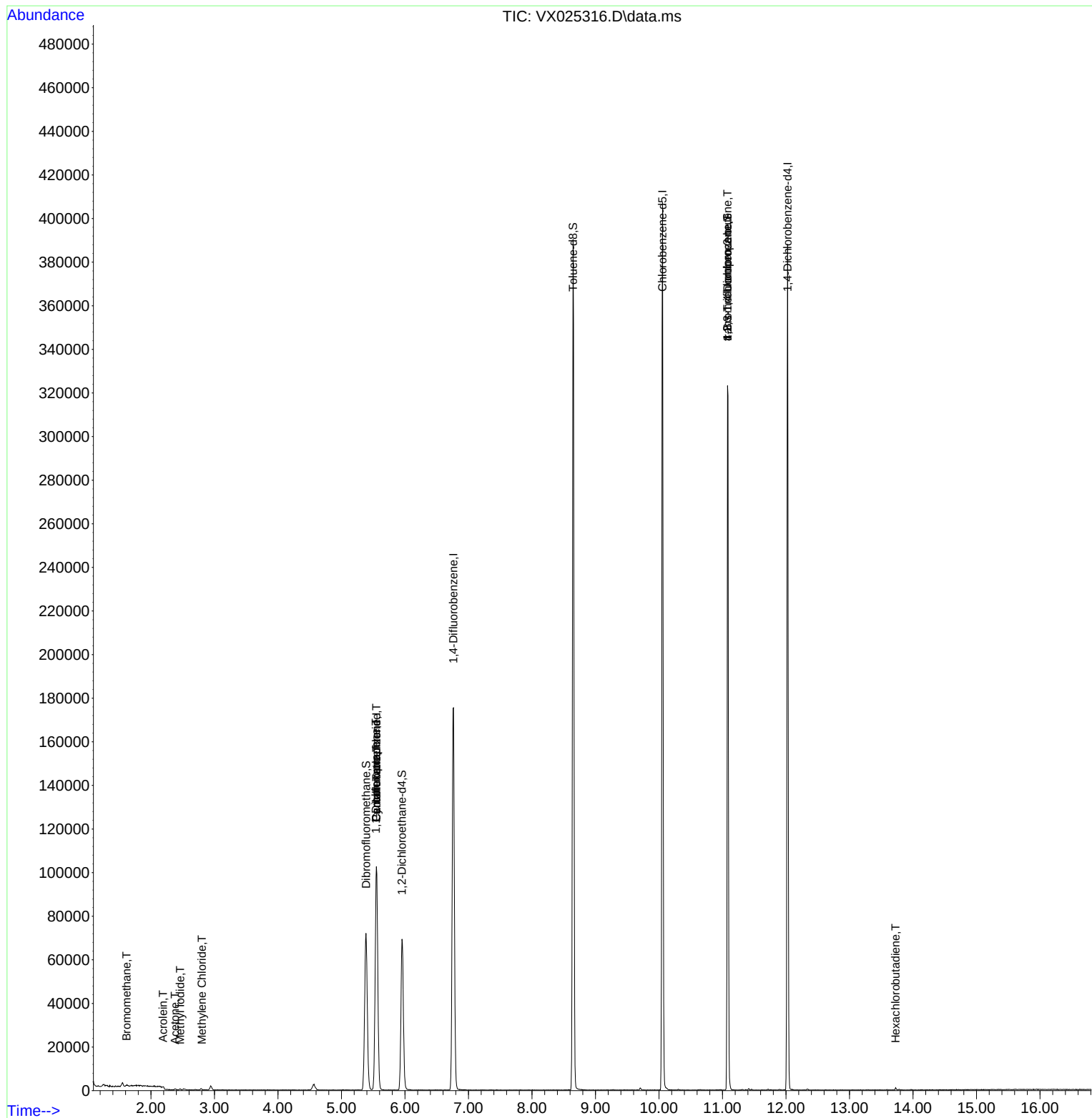
Internal Standards						
1) Pentafluorobenzene	5.550	168	106403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64188	57.231	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.460%	
35) Dibromofluoromethane	5.385	113	62464	52.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.980%	
50) Toluene-d8	8.647	98	229237	51.725	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	11.079	95	87793	52.363	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	194	0.360	ug/l #	74
10) Methyl Iodide	2.459	142	439	0.355	ug/l #	83
11) Tert butyl alcohol	2.941	59	1154	Below Cal	#	72
13) Acrolein	2.191	56	22	0.428	ug/l #	1
16) Acetone	2.380	43	514	0.825	ug/l	92
20) Methylene Chloride	2.800	84	324	0.277	ug/l #	62
31) Cyclohexane	5.550	56	1829	1.055	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7005	4.179	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10008	5.421	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	42047	24.258	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42047	61.110	ug/l #	9
94) Hexachlorobutadiene	13.725	225	264	0.332	ug/l	92
95) Naphthalene	13.780	128	480	Below Cal	#	69

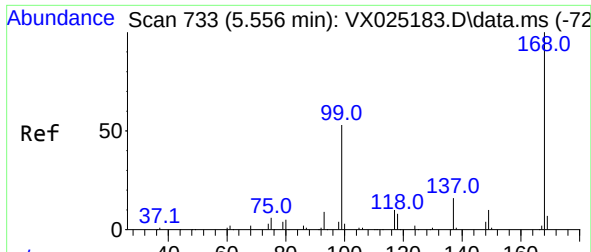
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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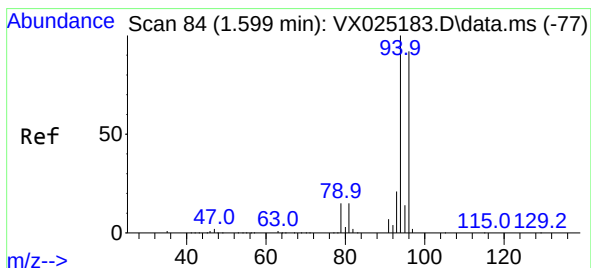
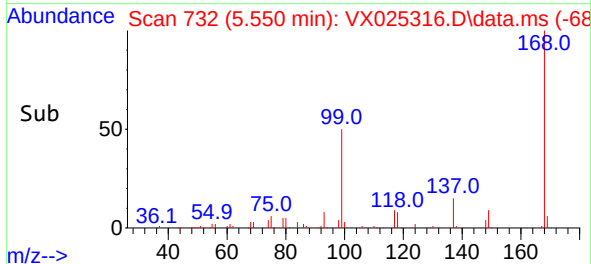
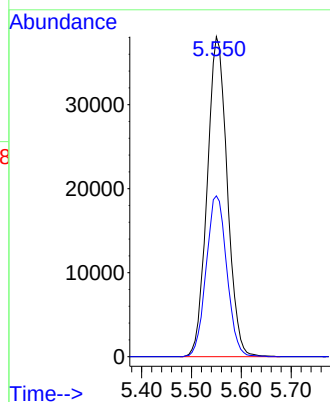
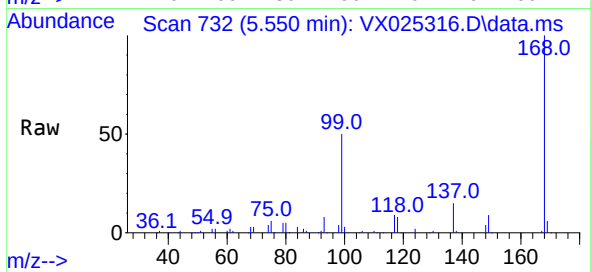




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

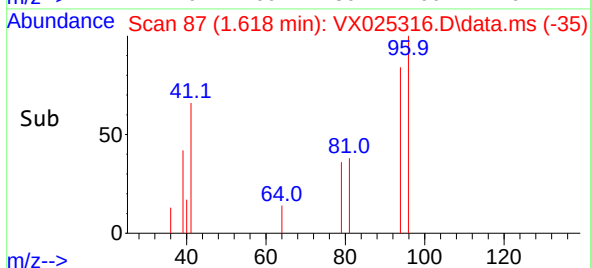
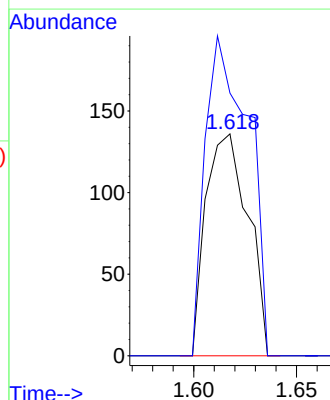
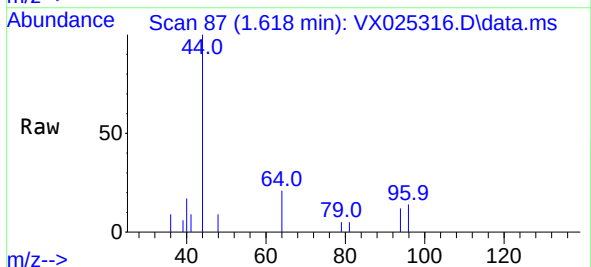
Instrument :
MSVOA_X
ClientSampleId :

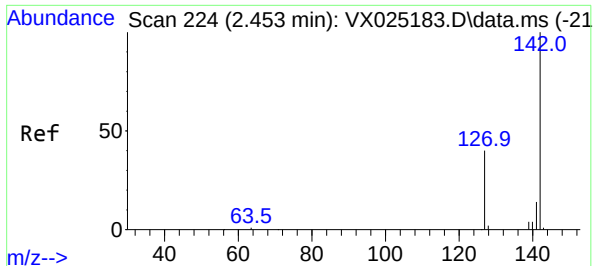
Tgt Ion:168 Resp: 106403
Ion Ratio Lower Upper
168 100
99 50.2 46.4 69.6



#5
Bromomethane
Concen: 0.360 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

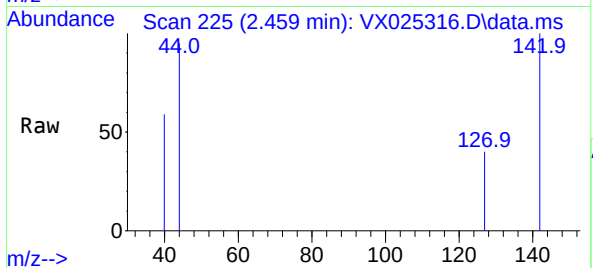
Tgt Ion: 94 Resp: 194
Ion Ratio Lower Upper
94 100
96 118.4 74.8 112.2#



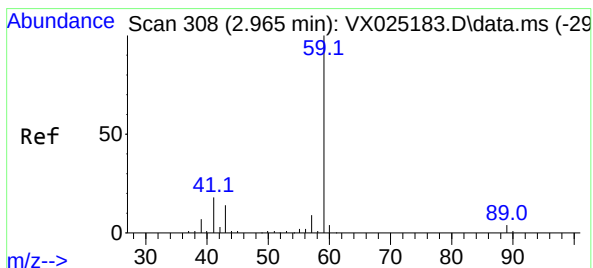
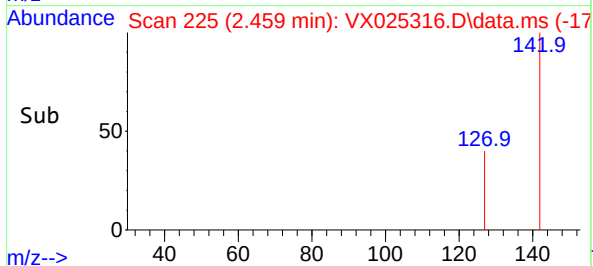
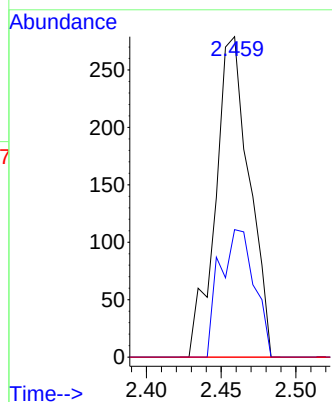


#10
Methyl Iodide
Concen: 0.355 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

Instrument :
MSVOA_X
ClientSampleId :

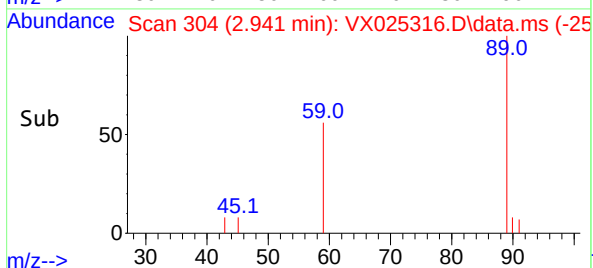
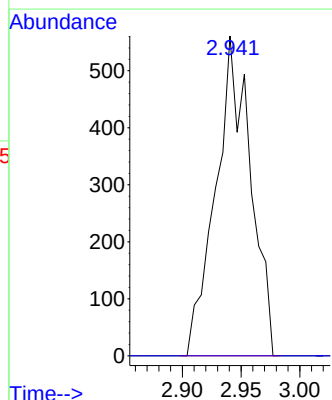
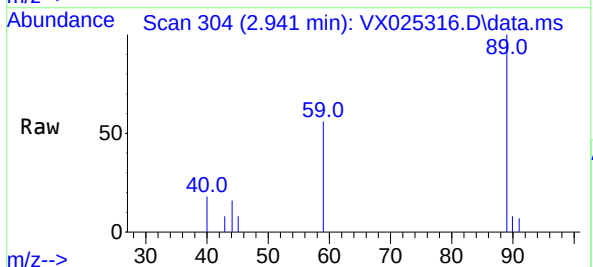


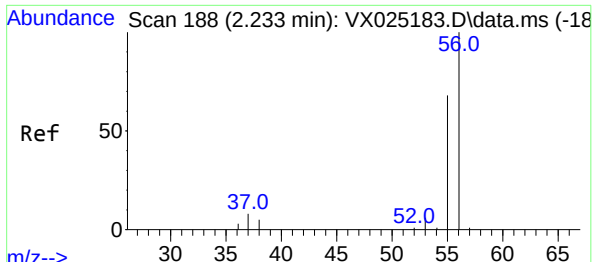
Tgt Ion:142 Resp: 439
Ion Ratio Lower Upper
142 100
127 40.8 38.9 58.3
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

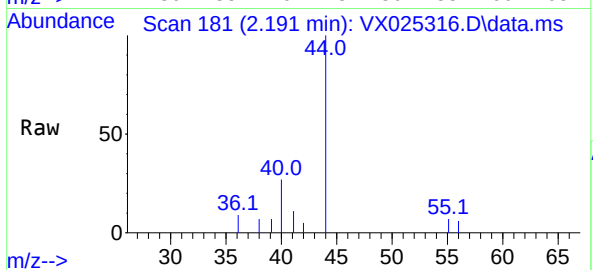
Tgt Ion: 59 Resp: 1154
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



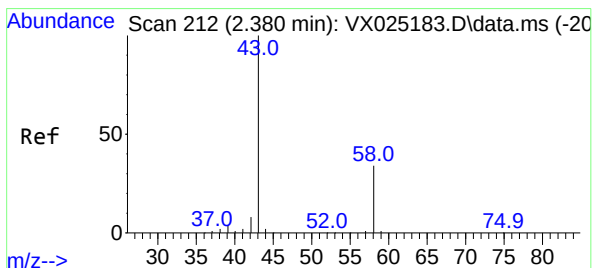
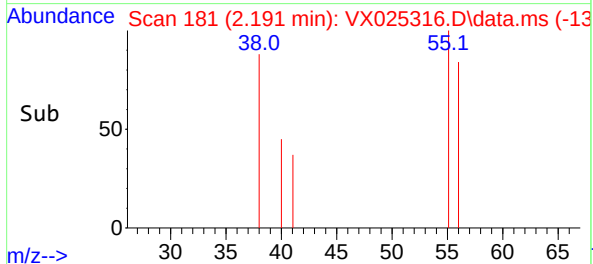
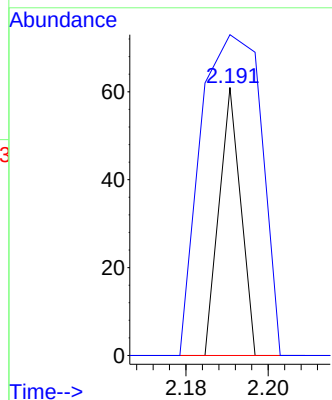


#13
Acrolein
Concen: 0.428 ug/l
RT: 2.191 min Scan# 181
Delta R.T. -0.042 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

Instrument :
MSVOA_X
ClientSampleId :

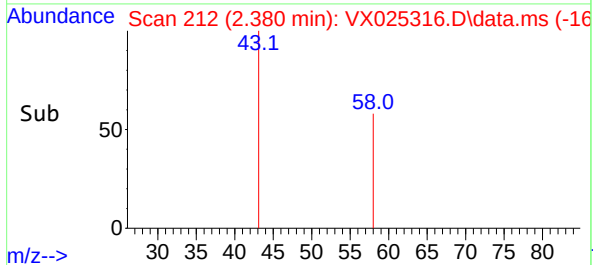
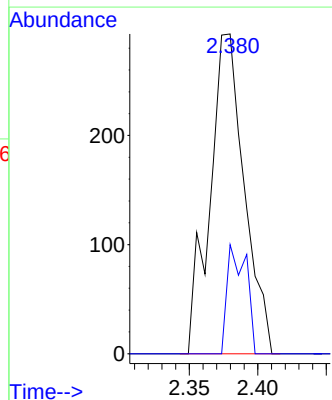
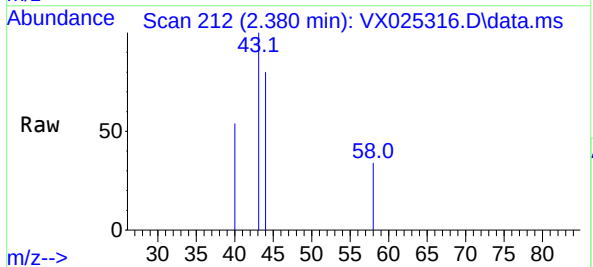


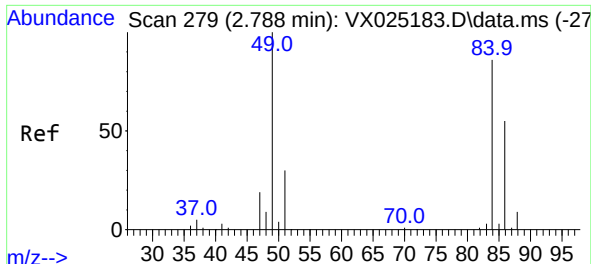
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 340.9 58.6 87.8#



#16
Acetone
Concen: 0.825 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

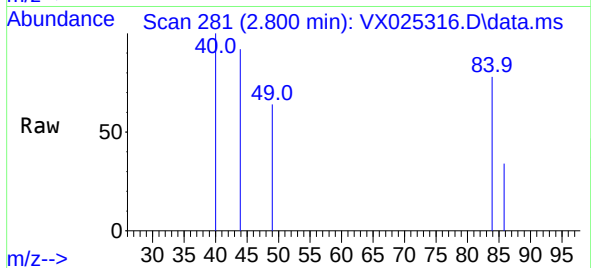
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
58 34.1 24.0 36.0





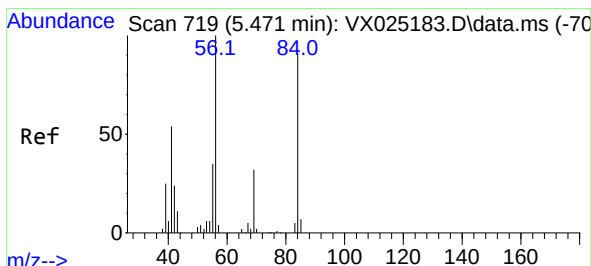
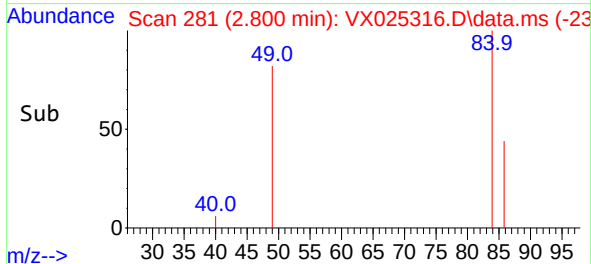
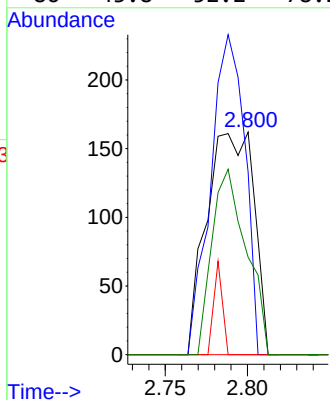
#20
Methylene Chloride
Concen: 0.277 ug/l
RT: 2.800 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 324

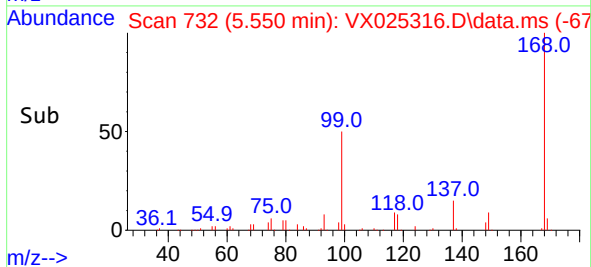
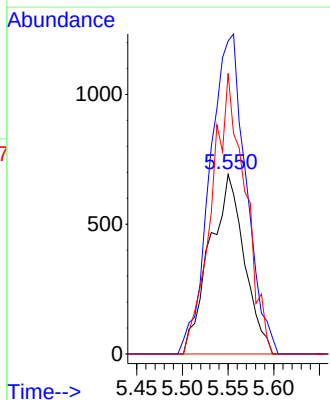
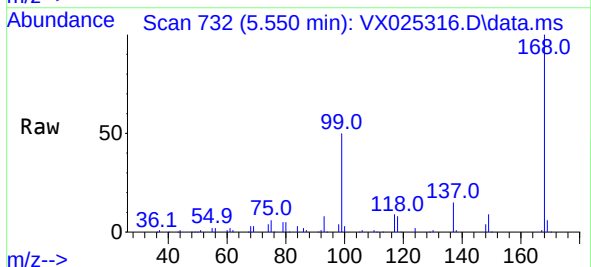
Ion	Ratio	Lower	Upper
84	100		
49	82.1	98.2	147.2#
51	0.0	30.2	45.4#
86	43.8	52.2	78.2#

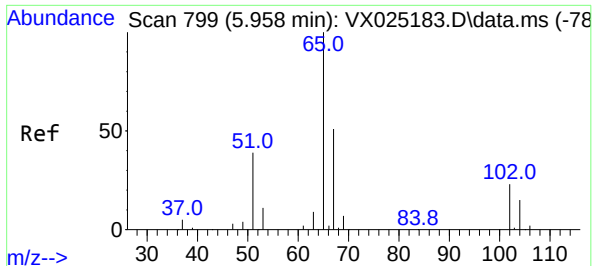


#31
Cyclohexane
Concen: 1.055 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

Tgt Ion: 56 Resp: 1829

Ion	Ratio	Lower	Upper
56	100		
69	174.3	24.2	36.2#
84	156.2	71.5	107.3#





#33

1,2-Dichloroethane-d4

Concen: 57.231 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX025316.D

Acq: 24 Nov 2021 10:40

Instrument :

MSVOA_X

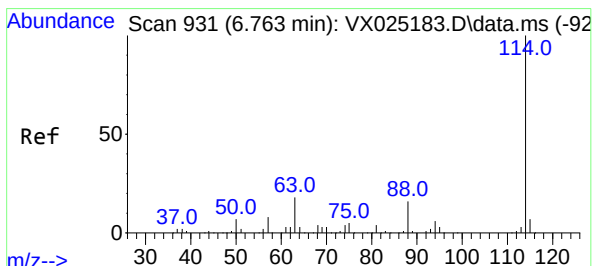
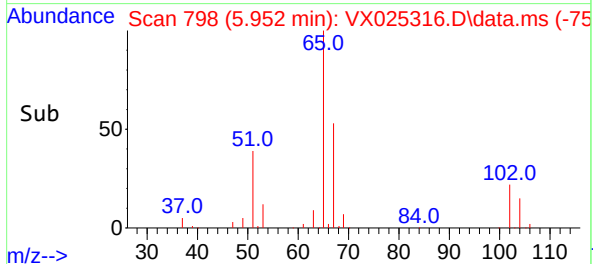
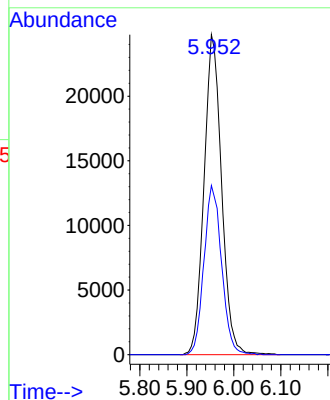
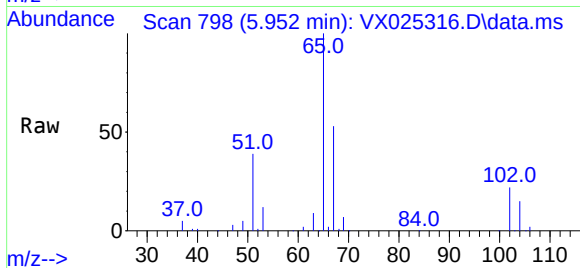
ClientSampleId :

Tgt Ion: 65 Resp: 64188

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025316.D

Acq: 24 Nov 2021 10:40

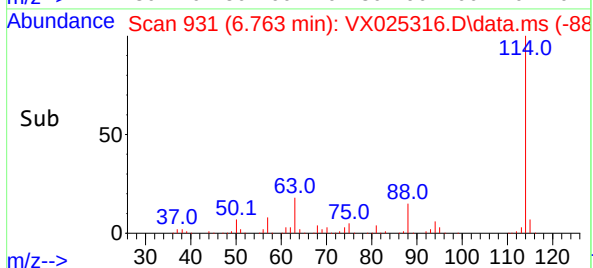
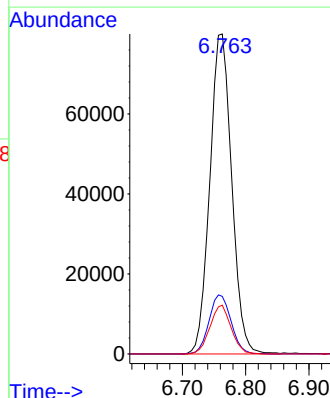
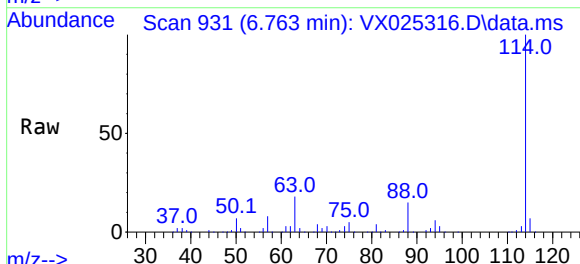
Tgt Ion: 114 Resp: 192111

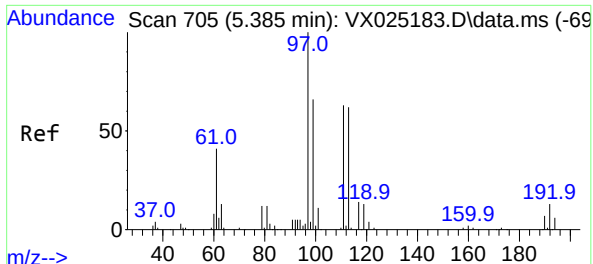
Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.0

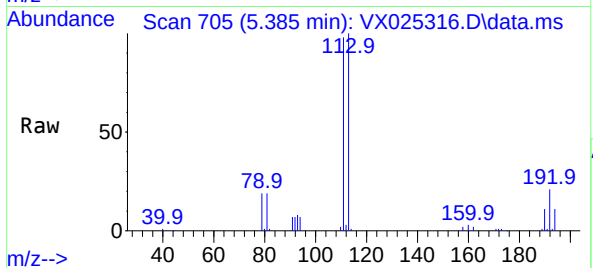
88 15.3 0.0 34.8



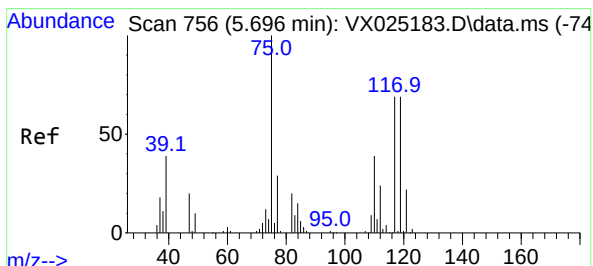
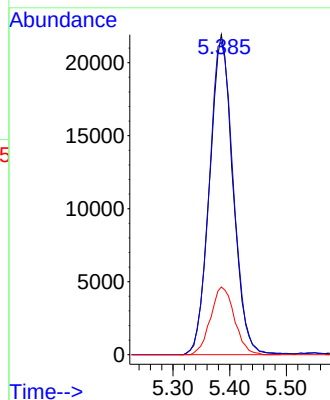
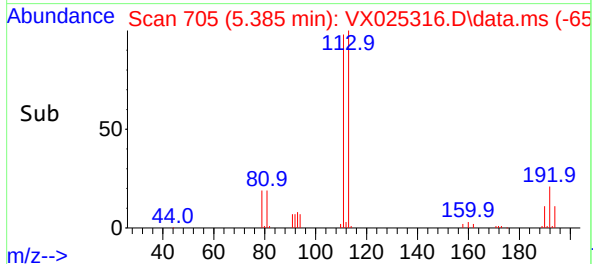


#35
Dibromofluoromethane
Concen: 52.993 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

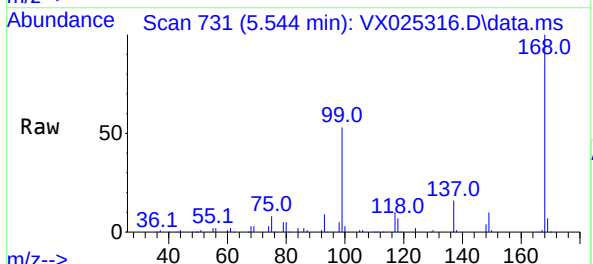
Instrument :
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ClientSampleId :



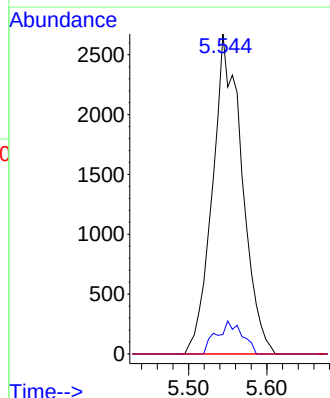
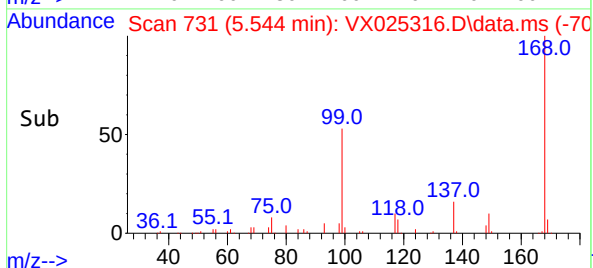
Tgt Ion:113 Resp: 62464
Ion Ratio Lower Upper
113 100
111 101.5 82.1 123.1
192 21.6 15.6 23.4

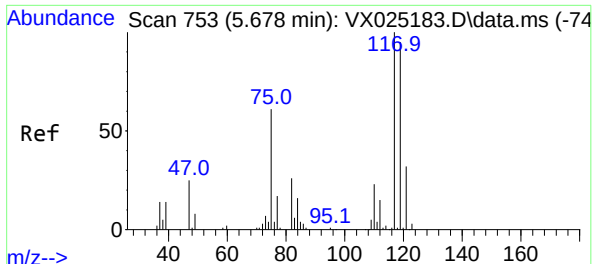


#36
1,1-Dichloropropene
Concen: 4.179 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40



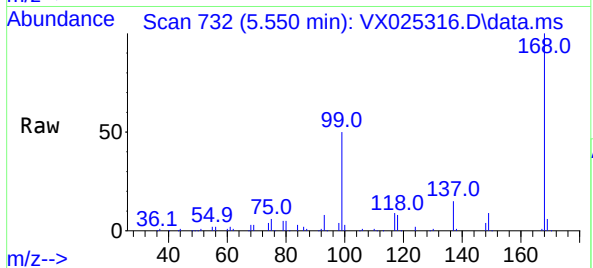
Tgt Ion: 75 Resp: 7005
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.3#
77 0.0 24.4 36.6#



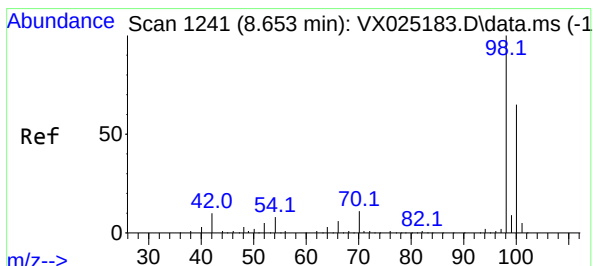
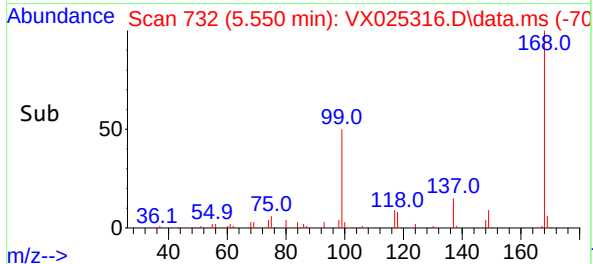
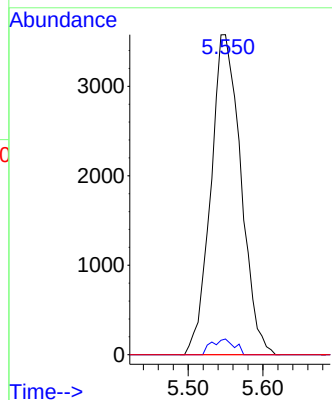


#38
Carbon Tetrachloride
Concen: 5.421 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

Instrument :
MSVOA_X
ClientSampleId :

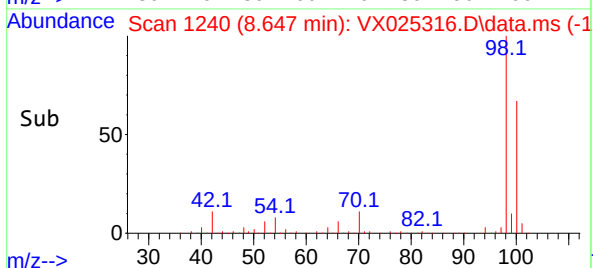
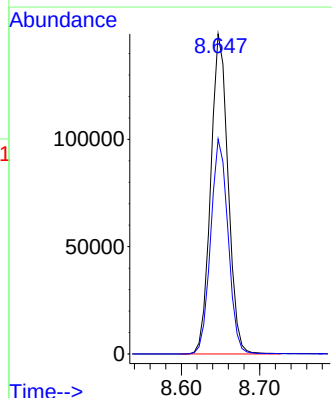
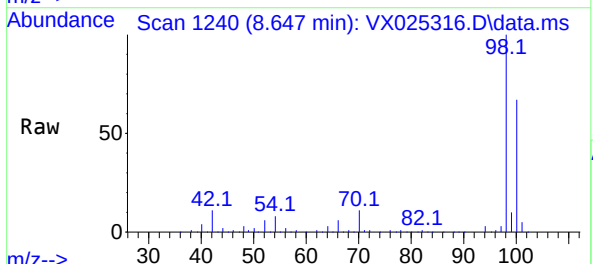


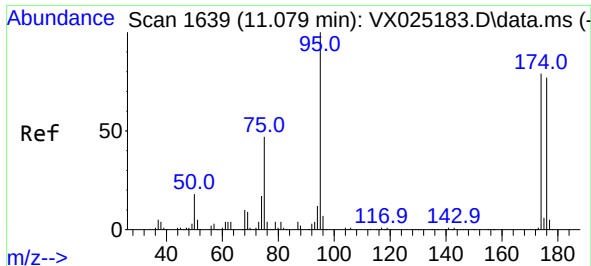
Tgt Ion:117 Resp: 10008
Ion Ratio Lower Upper
117 100
119 4.9 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.725 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

Tgt Ion: 98 Resp: 229237
Ion Ratio Lower Upper
98 100
100 67.3 51.4 77.0

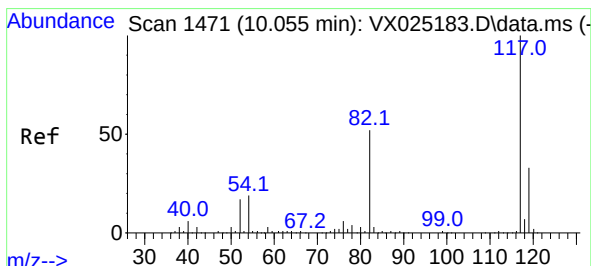
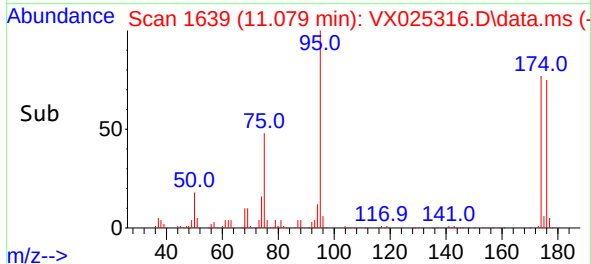
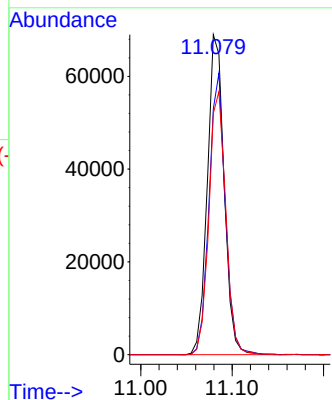
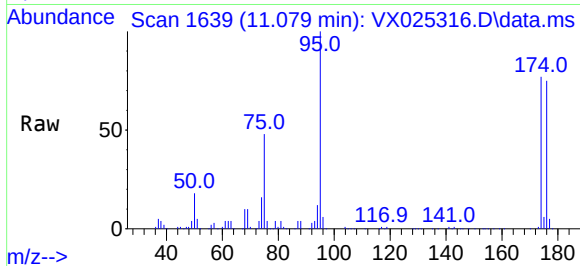




#62
4-Bromofluorobenzene
Concen: 52.363 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

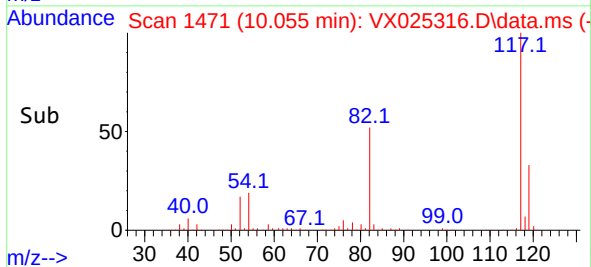
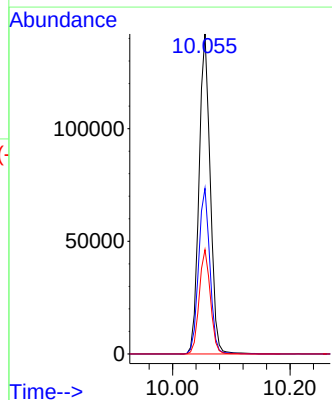
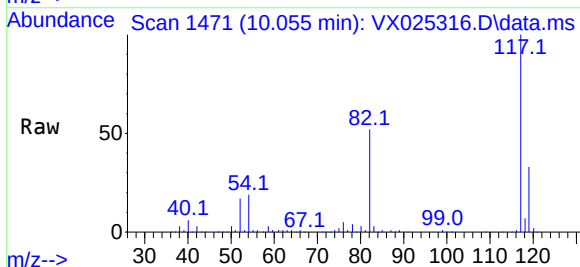
Instrument :
MSVOA_X
ClientSampleId :

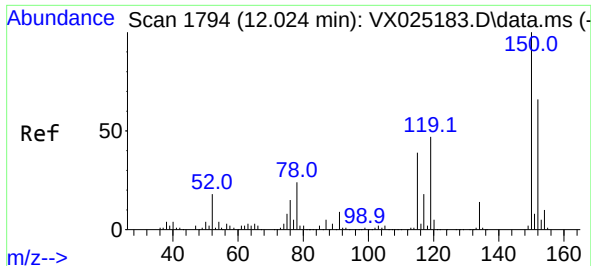
Tgt Ion: 95 Resp: 87793
Ion Ratio Lower Upper
95 100
174 85.3 0.0 158.0
176 82.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

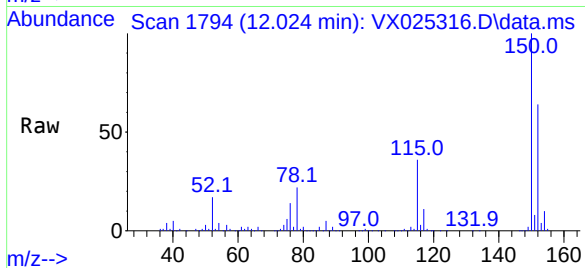
Tgt Ion: 117 Resp: 188499
Ion Ratio Lower Upper
117 100
82 51.8 44.6 67.0
119 32.6 24.8 37.2



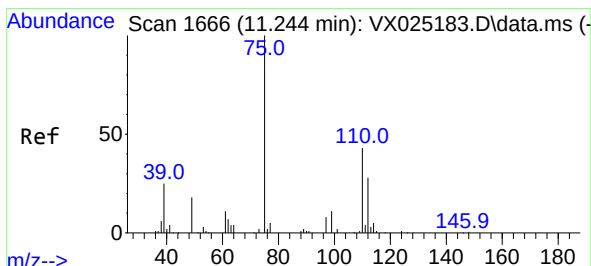
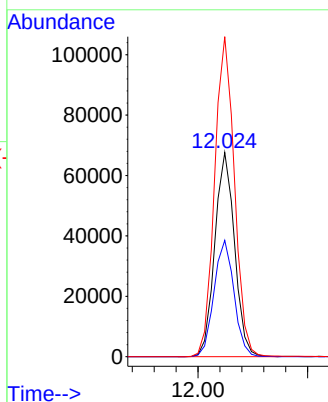
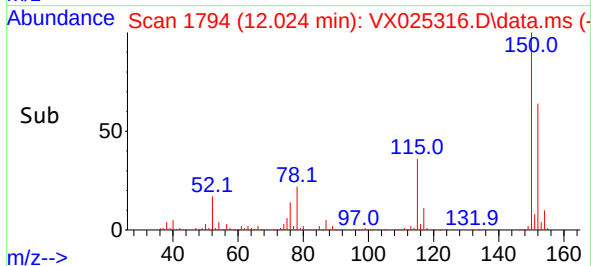


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

Instrument :
MSVOA_X
ClientSampleId :

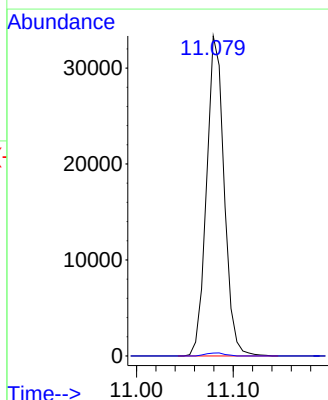
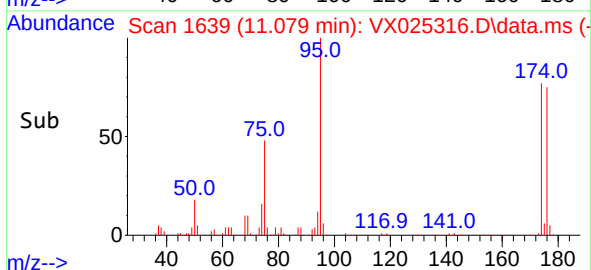
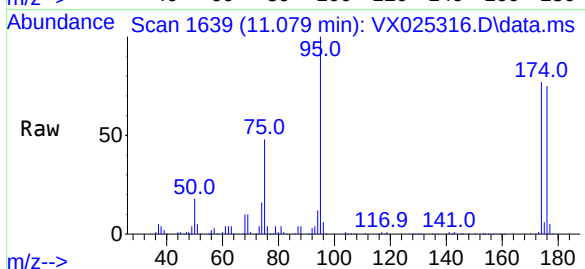


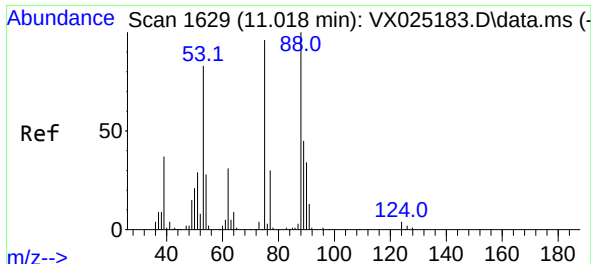
Tgt Ion:152 Resp: 84644
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.8
150 157.6 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 24.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

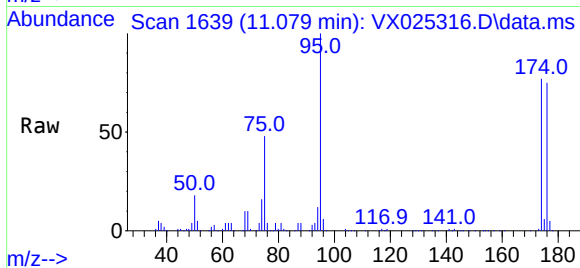
Tgt Ion: 75 Resp: 42047
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



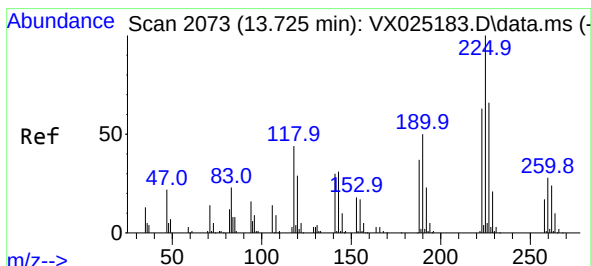
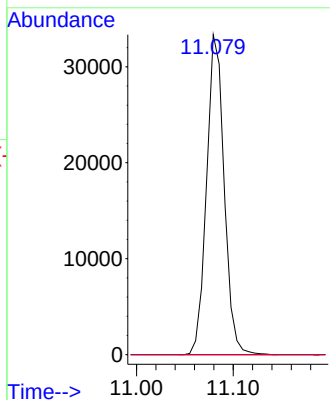
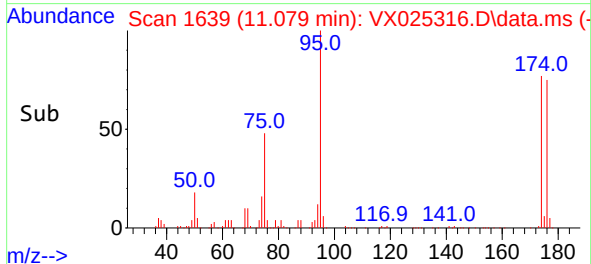


#81
trans-1,4-Dichloro-2-butene
Concen: 61.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40

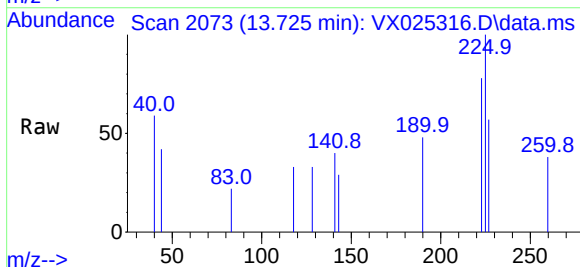
Instrument :
MSVOA_X
ClientSampleId :



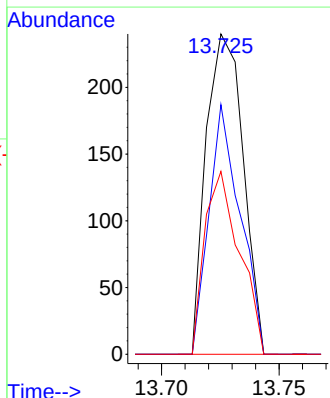
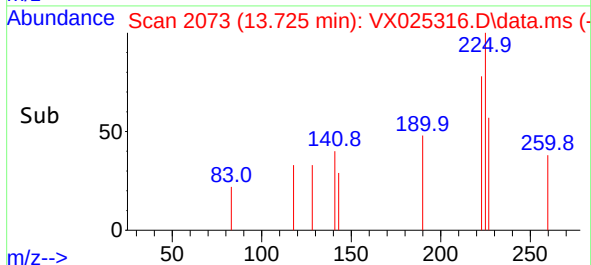
Tgt Ion: 75 Resp: 42047
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

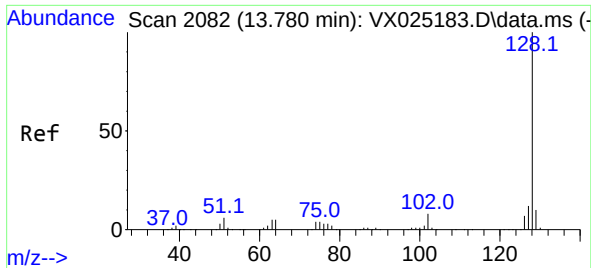


#94
Hexachlorobutadiene
Concen: 0.332 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025316.D
Acq: 24 Nov 2021 10:40



Tgt Ion: 225 Resp: 264
Ion Ratio Lower Upper
225 100
223 65.5 30.9 92.7
227 53.4 31.1 93.5





#95

Naphthalene

Concen: Below Cal

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

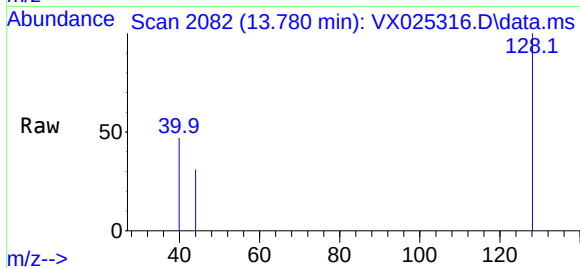
Lab File: VX025316.D

Acq: 24 Nov 2021 10:40

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	128	Resp:	480
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

