

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028188.D
 Acq On : 20 Apr 2022 11:15
 Operator : JC/MD
 Sample : VX0420MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420MBL01

Quant Time: Apr 20 15:17:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

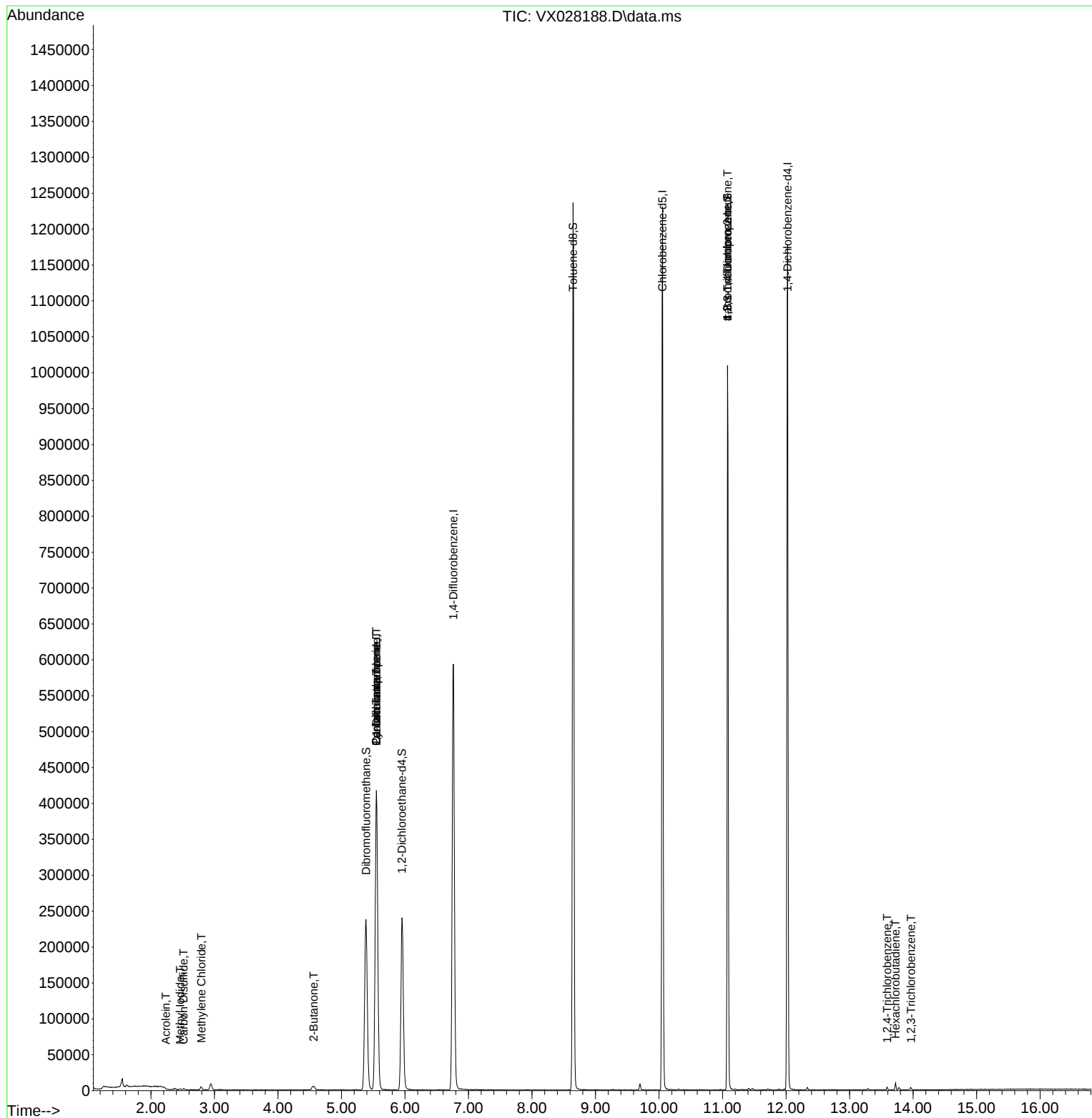
Internal Standards						
1) Pentafluorobenzene	5.550	168	403293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	661358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	577833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	254780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	228662	43.484	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.960%		
35) Dibromofluoromethane	5.385	113	206758	44.579	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.160%		
50) Toluene-d8	8.647	98	757013	42.496	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	85.000%		
62) 4-Bromofluorobenzene	11.079	95	258045	37.885	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	75.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	325	Below Cal	#	75
5) Bromomethane	1.618	94	1250	Below Cal		85
6) Chloroethane	1.679	64	210	Below Cal	#	87
8) Diethyl Ether	2.124	74	67	Below Cal	#	1
10) Methyl Iodide	2.459	142	1145	5.464 ug/l	#	87
11) Tert butyl alcohol	2.941	59	4795	Below Cal	#	72
13) Acrolein	2.233	56	228	0.354 ug/l	#	71
16) Acetone	2.374	43	1798	Below Cal	#	82
17) Carbon Disulfide	2.514	76	1762	0.211 ug/l	#	82
20) Methylene Chloride	2.794	84	2252	0.577 ug/l	#	83
25) 2-Butanone	4.562	43	643	0.206 ug/l	#	44
31) Cyclohexane	5.550	56	7984	1.246 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	29106	4.811 ug/l	#	50
38) Carbon Tetrachloride	5.550	117	40950	5.996 ug/l	#	16
76) 1,2,3-Trichloropropane	11.079	75	127178	25.363 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	127178	75.373 ug/l	#	15
93) 1,2,4-Trichlorobenzene	13.591	180	1087	0.215 ug/l		98
94) Hexachlorobutadiene	13.725	225	1238	0.548 ug/l		97
96) 1,2,3-Trichlorobenzene	13.969	180	1130	0.227 ug/l		91

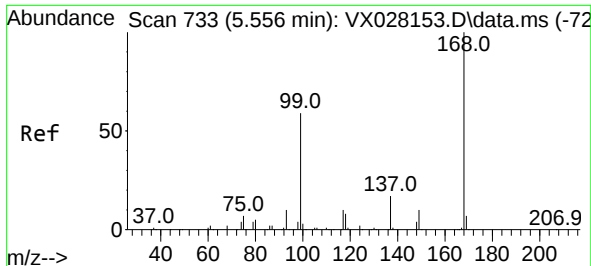
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028188.D
Acq On : 20 Apr 2022 11:15
Operator : JC/MD
Sample : VX0420MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

Quant Time: Apr 20 15:17:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

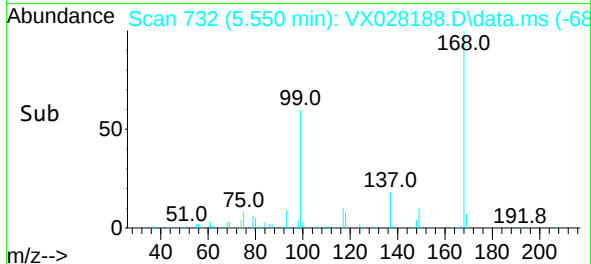
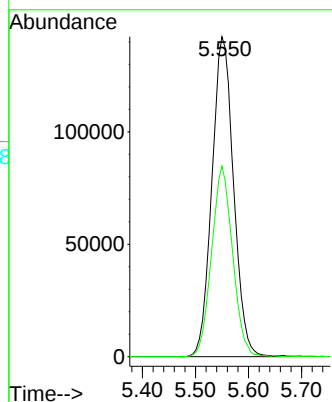
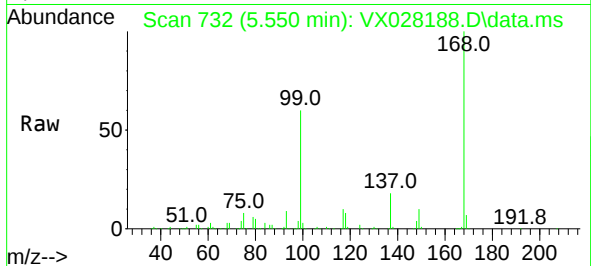




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

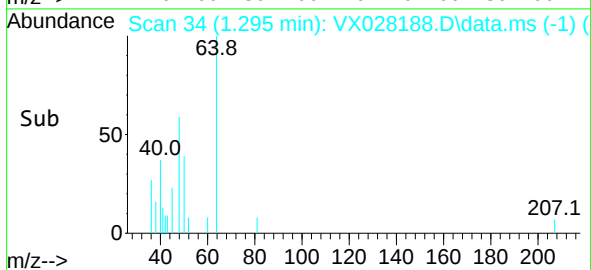
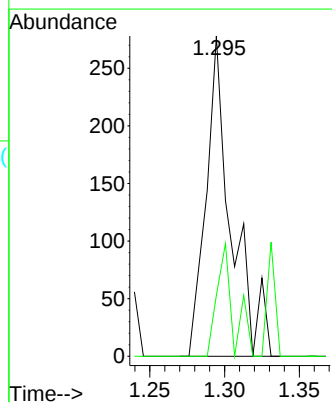
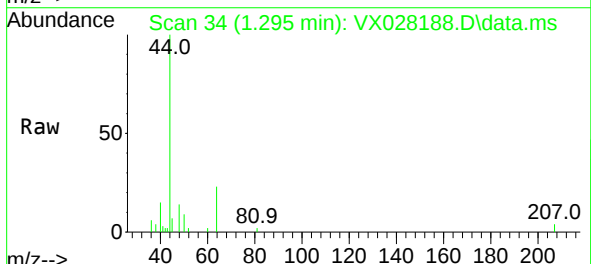
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

Tgt Ion:168 Resp: 403293
Ion Ratio Lower Upper
168 100
99 59.5 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

Tgt Ion: 50 Resp: 325
Ion Ratio Lower Upper
50 100
52 19.1 26.4 39.6#

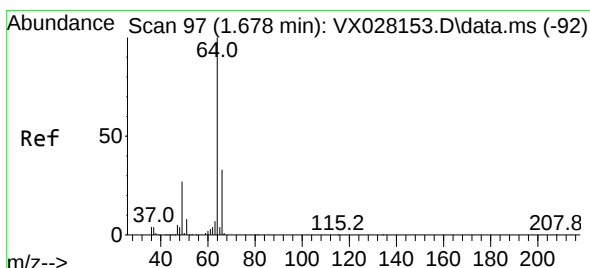
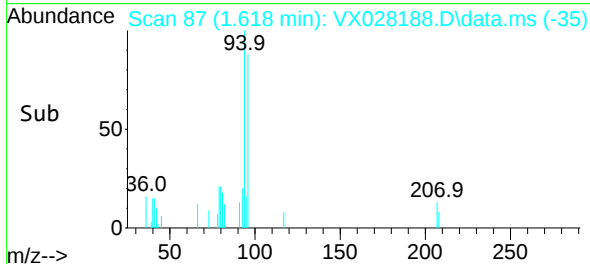
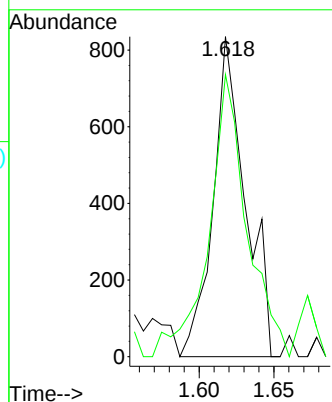
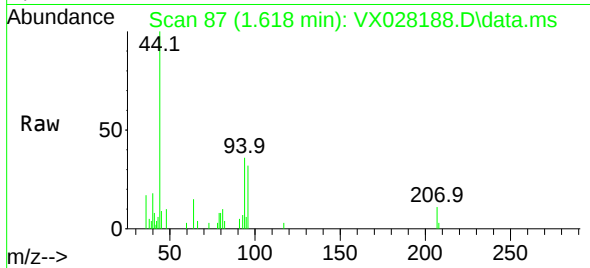




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

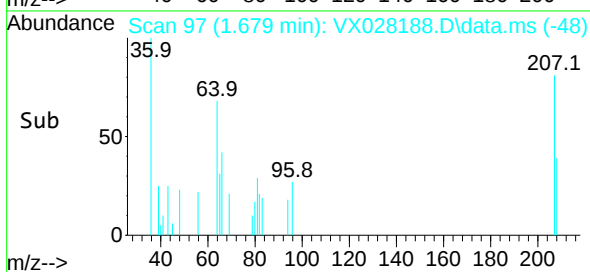
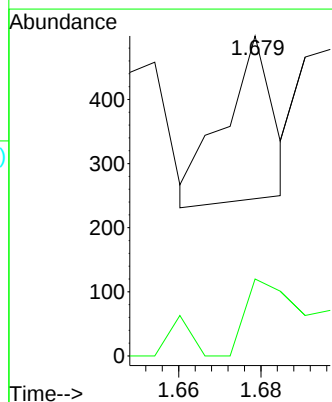
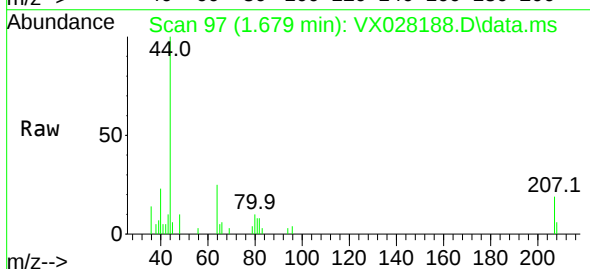
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

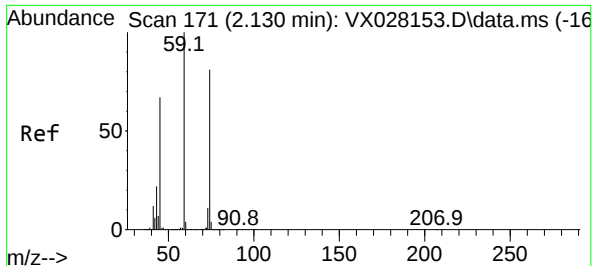
Tgt Ion: 94 Resp: 1250
Ion Ratio Lower Upper
94 100
96 79.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

Tgt Ion: 64 Resp: 210
Ion Ratio Lower Upper
64 100
66 24.6 25.3 37.9#

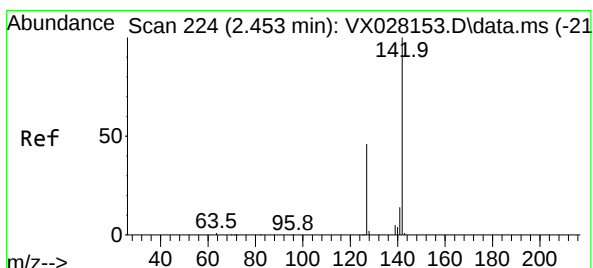
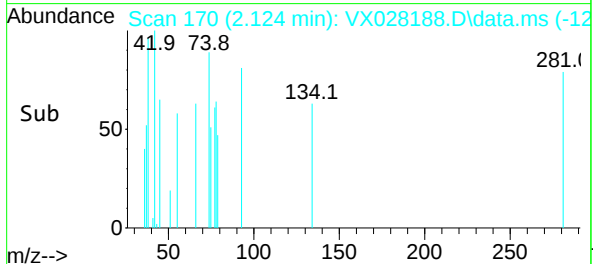
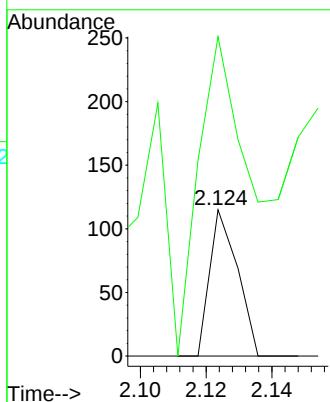
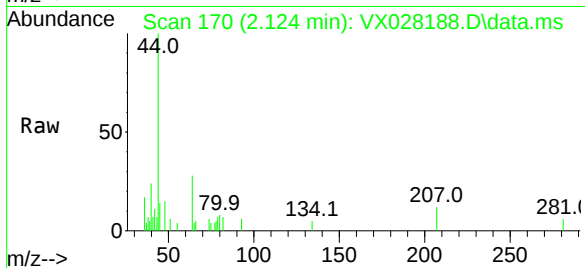




#8
Diethyl Ether
Concen: Below Cal
RT: 2.124 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

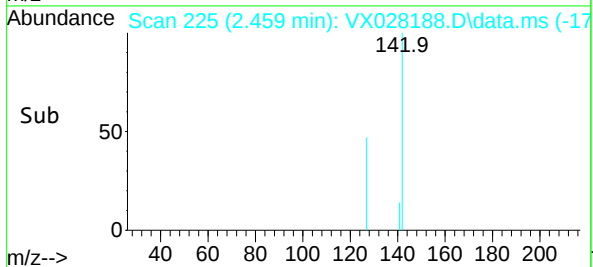
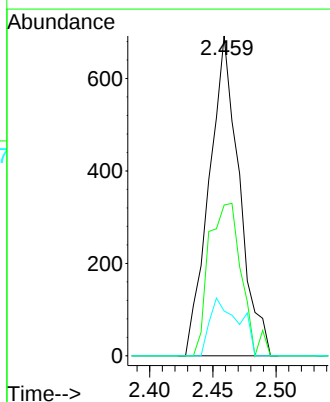
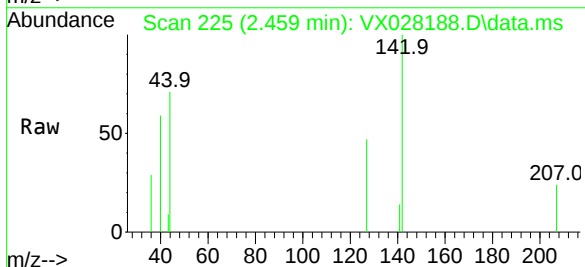
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

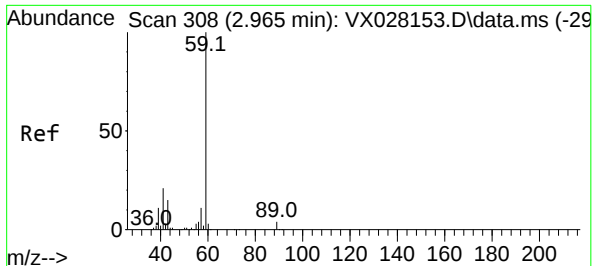
Tgt Ion: 74 Resp: 67
Ion Ratio Lower Upper
74 100
45 380.6 42.0 126.0#



#10
Methyl Iodide
Concen: 5.464 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

Tgt Ion:142 Resp: 1145
Ion Ratio Lower Upper
142 100
127 51.6 33.9 50.9#
141 17.3 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX028188.D

Acq: 20 Apr 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

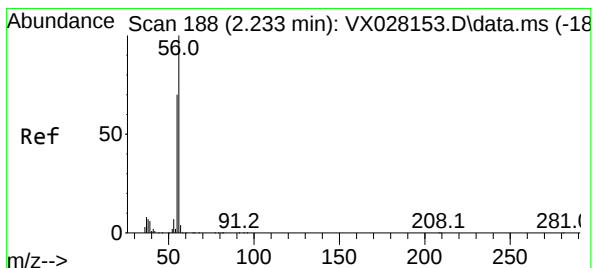
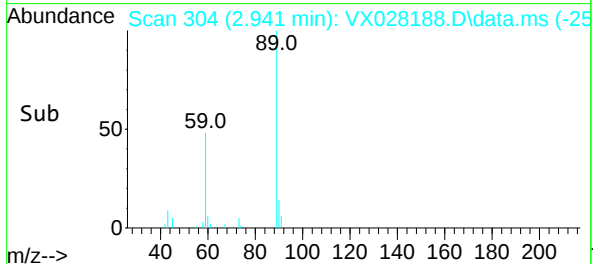
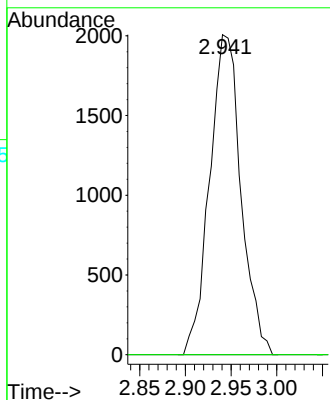
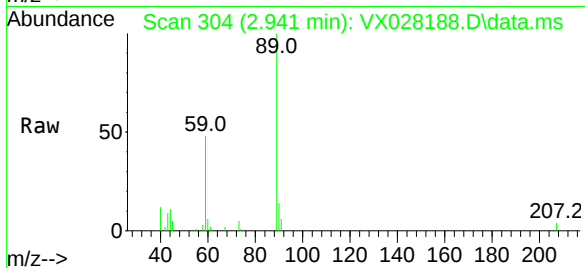
VX0420MBL01

Tgt Ion: 59 Resp: 4795

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.354 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX028188.D

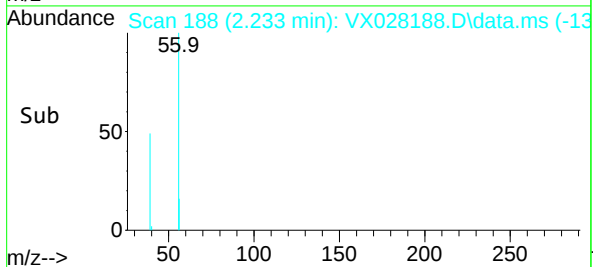
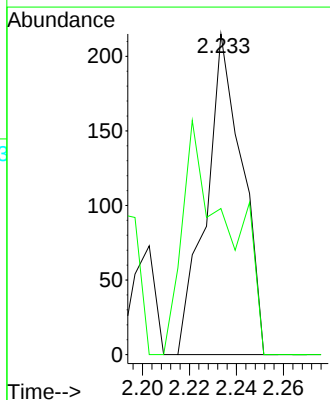
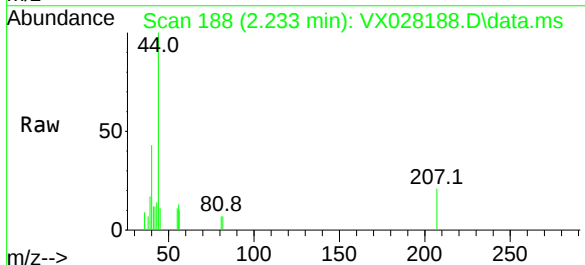
Acq: 20 Apr 2022 11:15

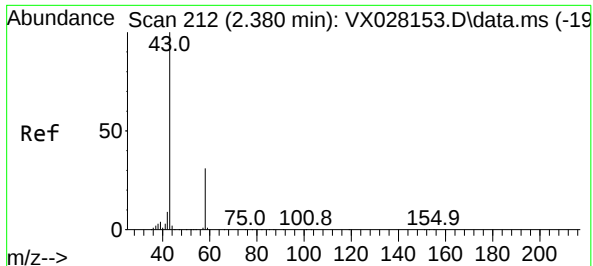
Tgt Ion: 56 Resp: 228

Ion Ratio Lower Upper

56 100

55 92.5 55.0 82.6#

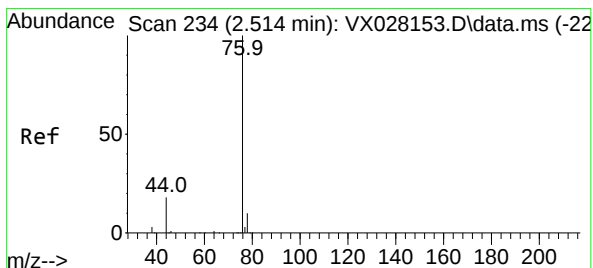
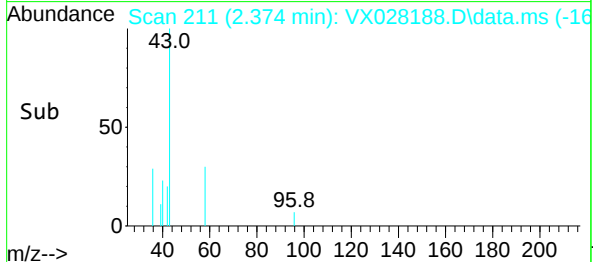
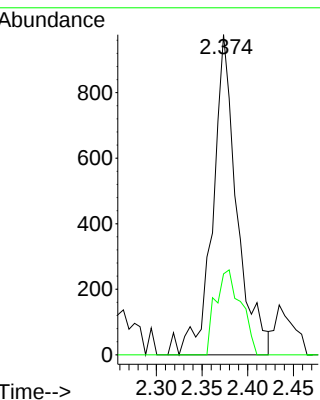
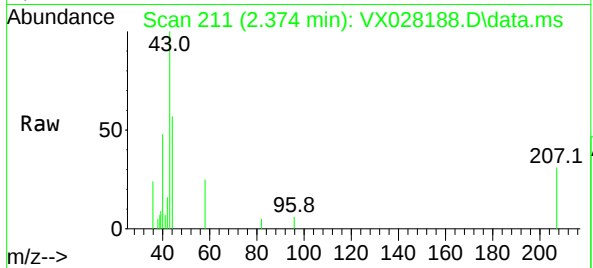




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

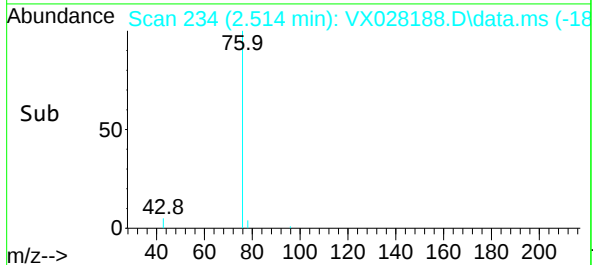
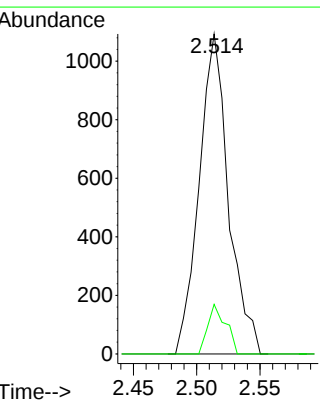
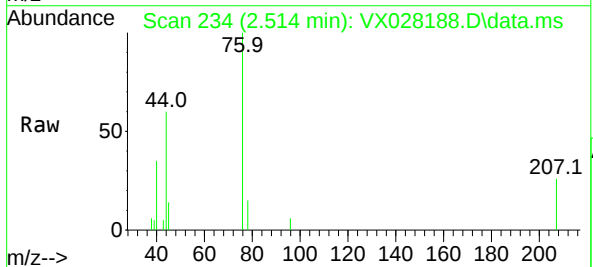
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

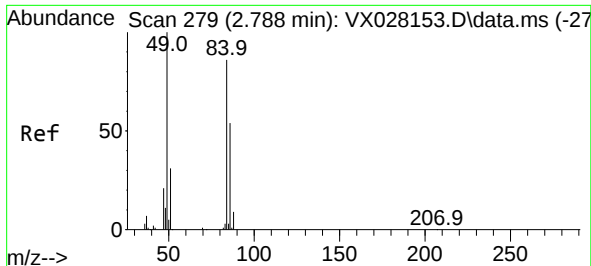
Tgt Ion: 43 Resp: 1798
Ion Ratio Lower Upper
43 100
58 25.3 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.211 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

Tgt Ion: 76 Resp: 1762
Ion Ratio Lower Upper
76 100
78 15.5 7.2 10.8#

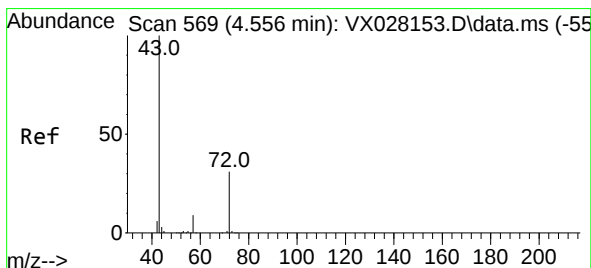
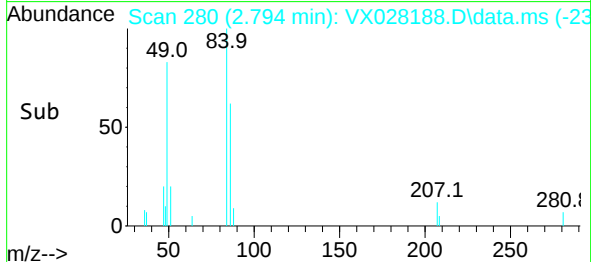
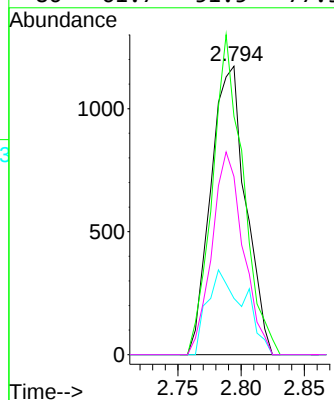
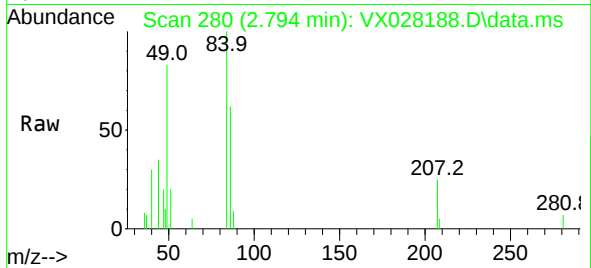




#20
Methylene Chloride
Concen: 0.577 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

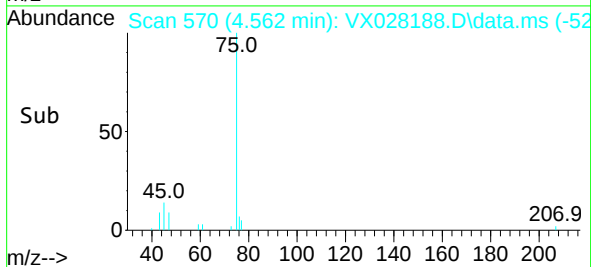
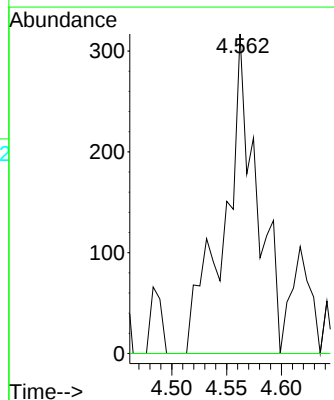
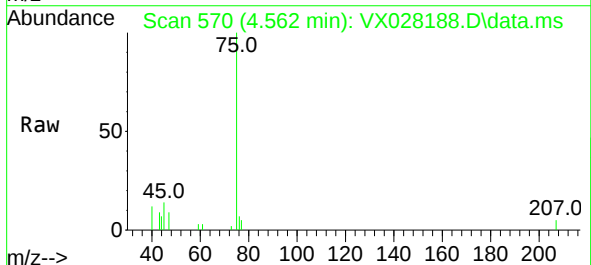
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

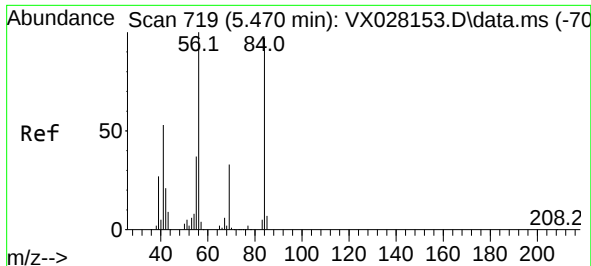
Tgt Ion: 84	Resp: 2252
Ion Ratio	Lower Upper
84 100	
49 82.6	85.5 128.3#
51 19.5	26.6 39.8#
86 61.7	51.5 77.3



#25
2-Butanone
Concen: 0.206 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

Tgt Ion: 43	Resp: 643		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	24.4	36.6#	

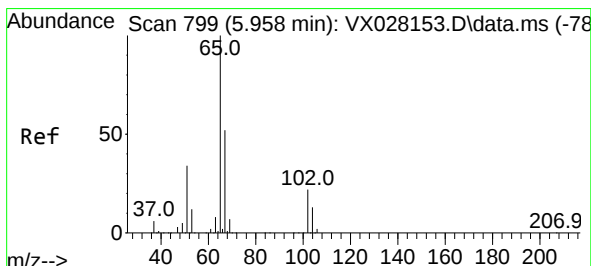
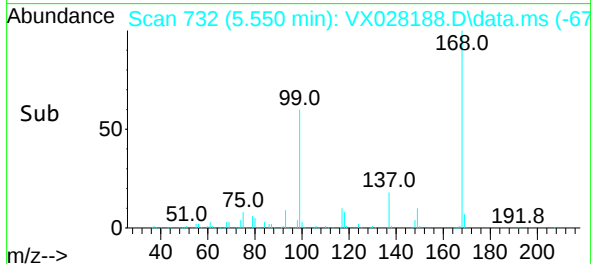
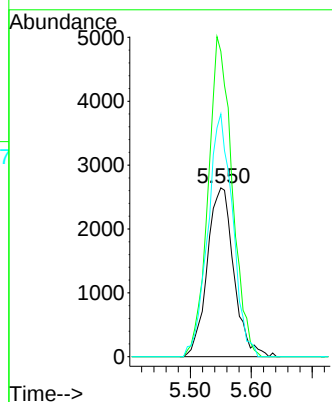
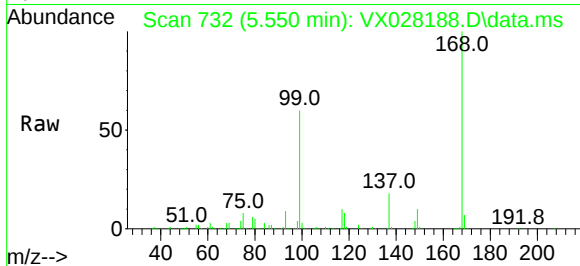




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

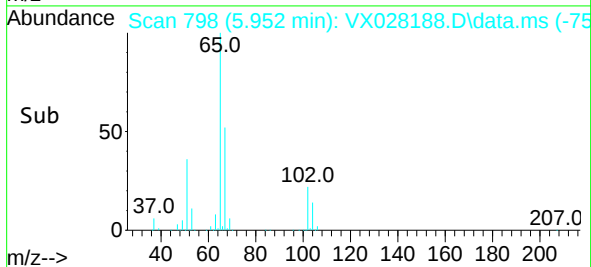
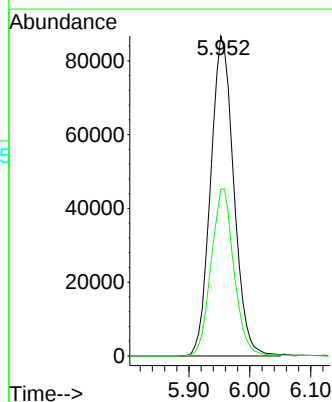
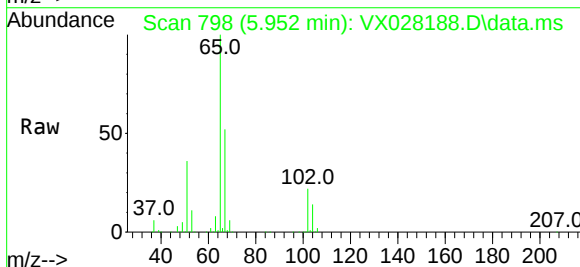
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

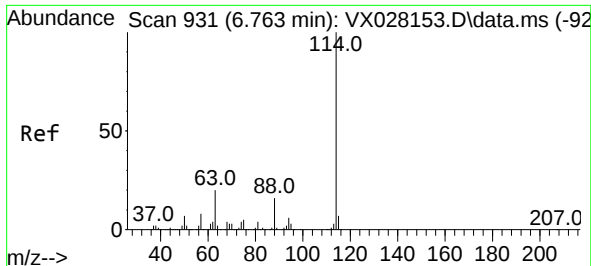
Tgt Ion: 56 Resp: 7984
Ion Ratio Lower Upper
56 100
69 180.9 26.7 40.1#
84 143.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 43.484 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

Tgt Ion: 65 Resp: 228662
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

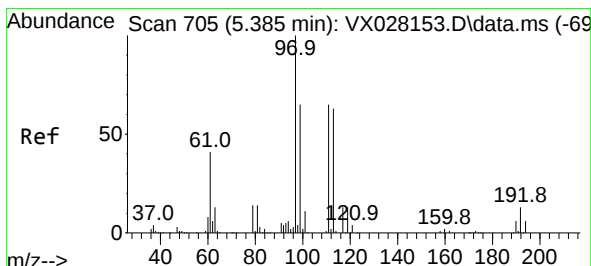
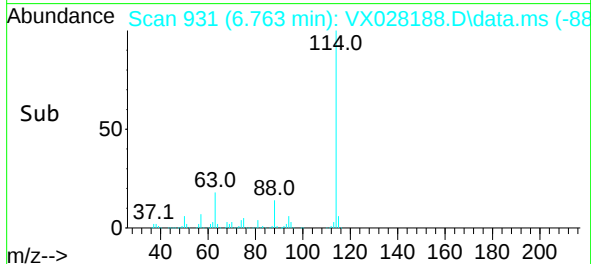
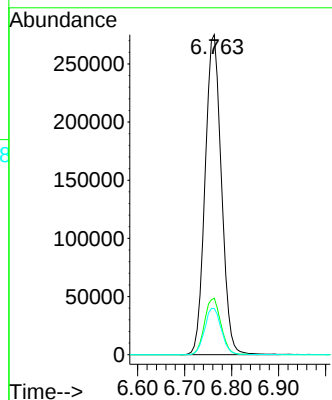
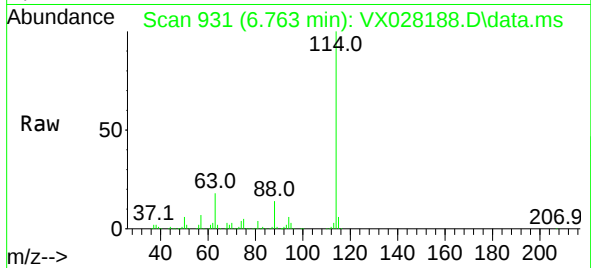




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

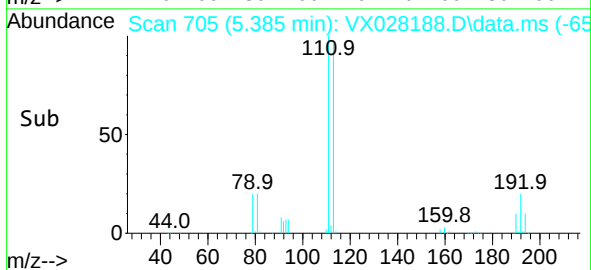
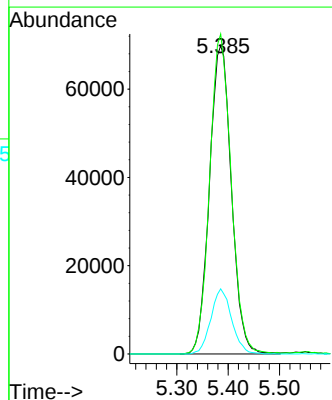
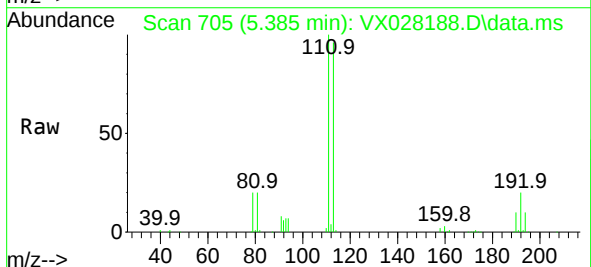
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

Tgt Ion:114 Resp: 661358
Ion Ratio Lower Upper
114 100
63 17.6 0.0 36.8
88 14.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.579 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

Tgt Ion:113 Resp: 206758
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 20.1 16.9 25.3

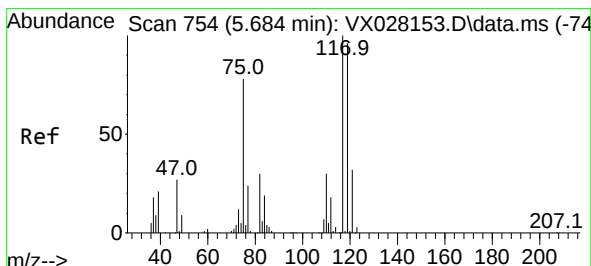
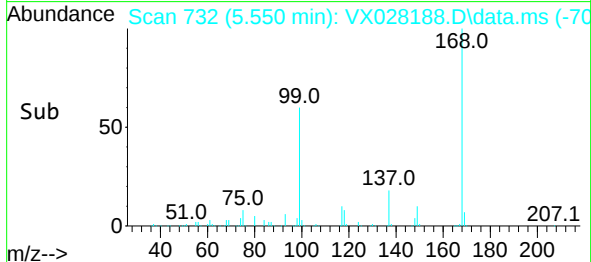
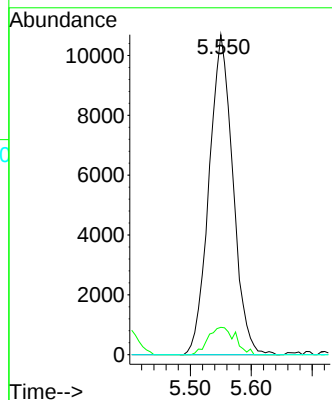
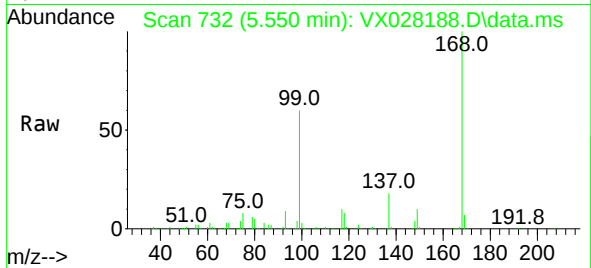




#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

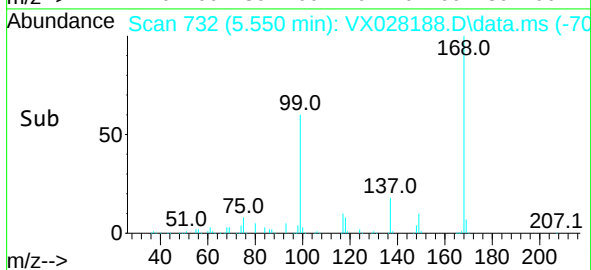
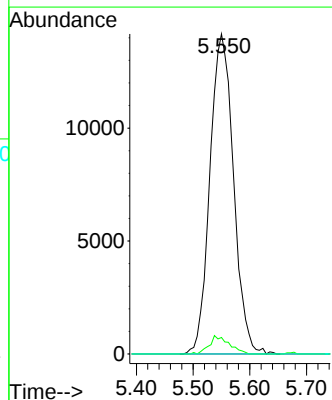
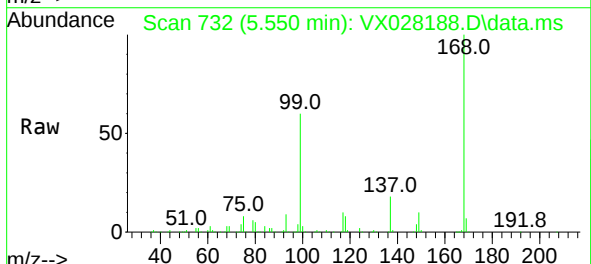
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

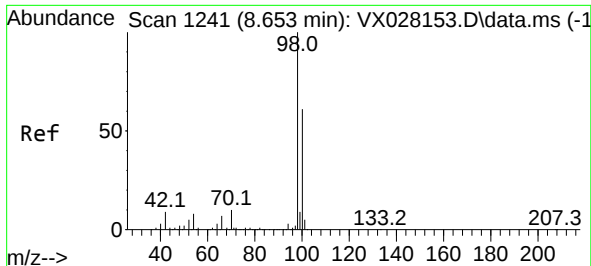
Tgt Ion: 75 Resp: 29106
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

Tgt Ion: 117 Resp: 40950
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#

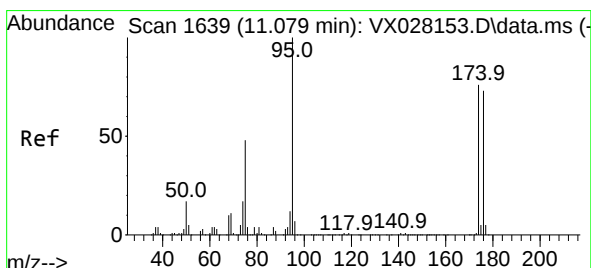
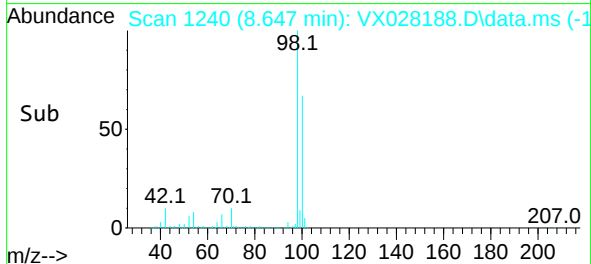
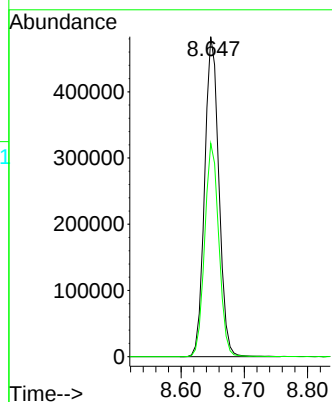
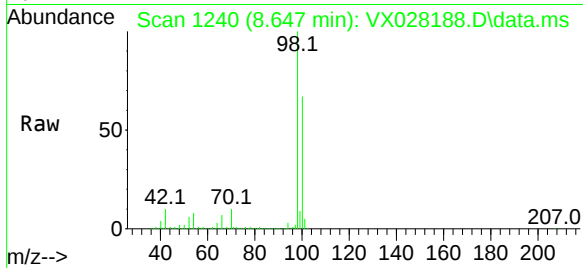




#50
Toluene-d8
Concen: 42.496 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

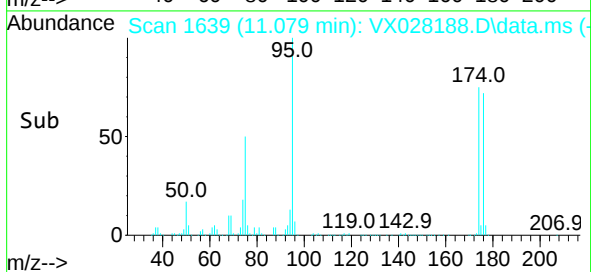
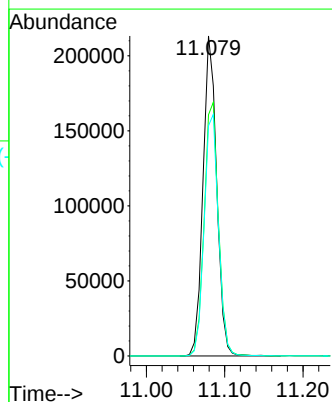
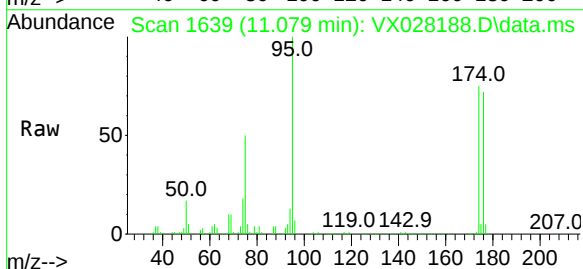
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

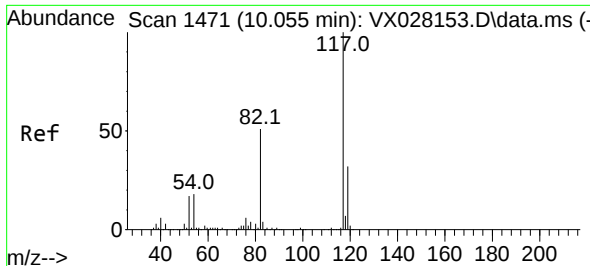
Tgt Ion: 98 Resp: 757013
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 37.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

Tgt Ion: 95 Resp: 258045
Ion Ratio Lower Upper
95 100
174 82.6 0.0 163.0
176 79.4 0.0 155.0

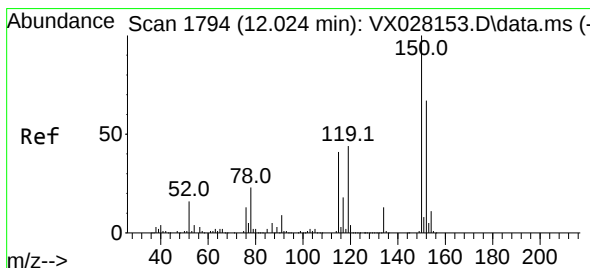
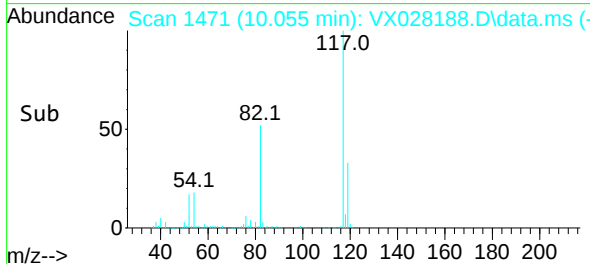
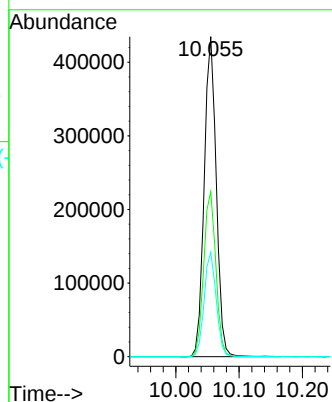
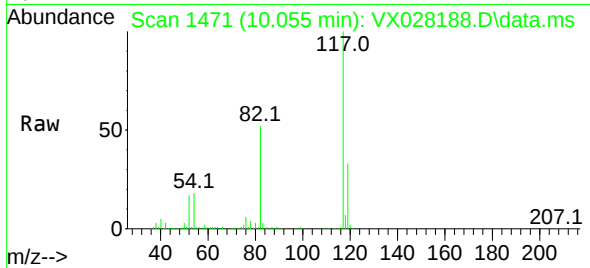




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

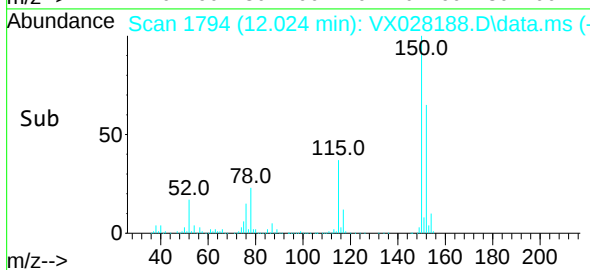
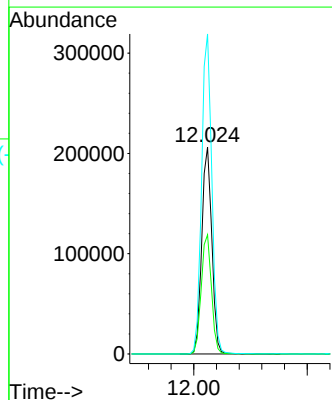
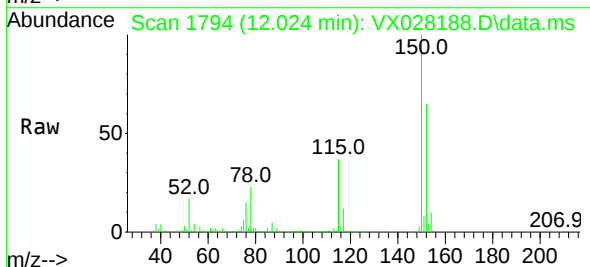
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

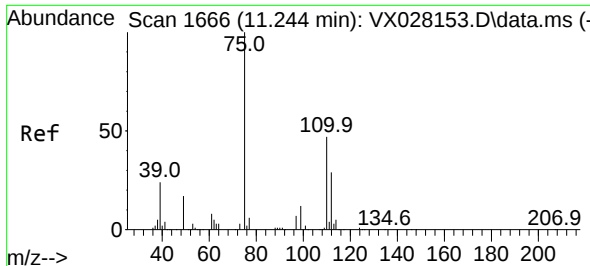
Tgt Ion:117 Resp: 577833
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

Tgt Ion:152 Resp: 254780
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 156.5 0.0 338.2

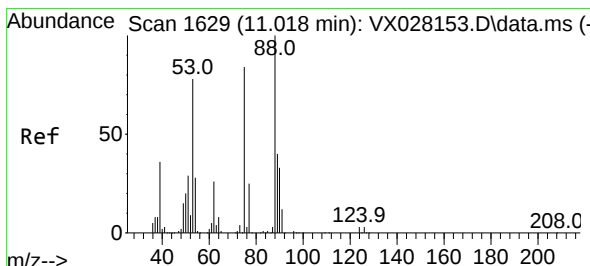
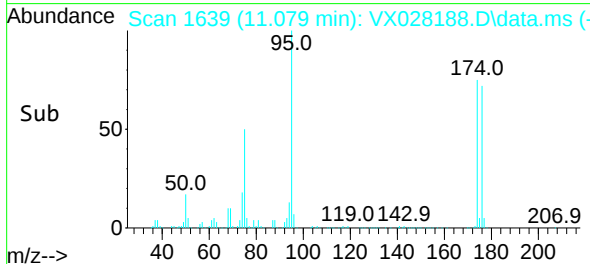
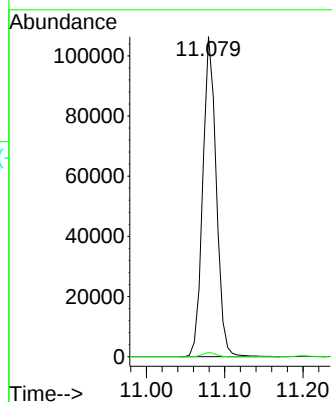
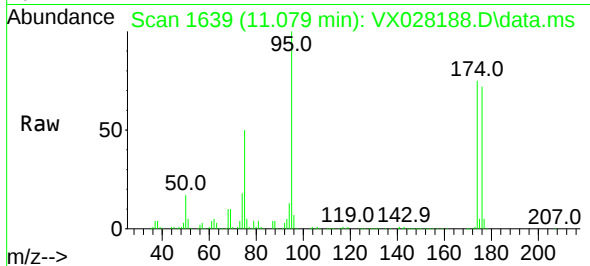




#76
1,2,3-Trichloropropane
Concen: 25.363 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

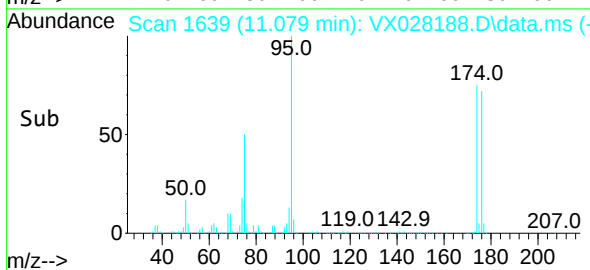
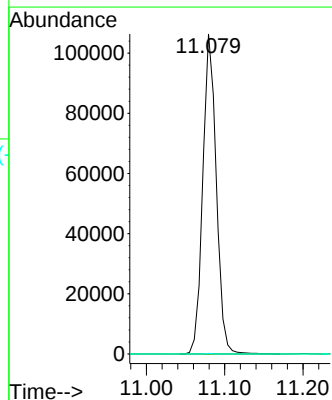
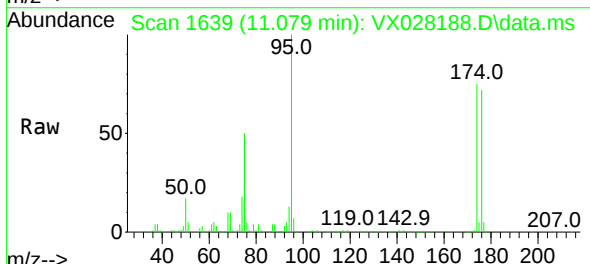
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

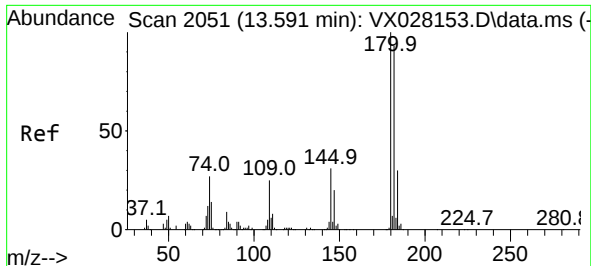
Tgt Ion: 75 Resp: 127178
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

Tgt Ion: 75 Resp: 127178
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

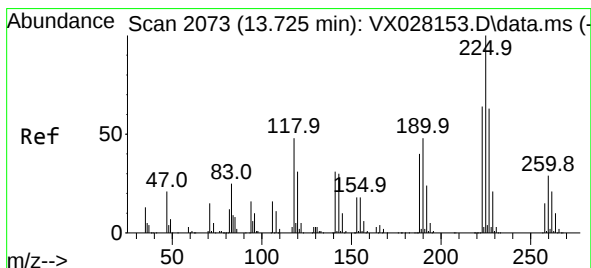
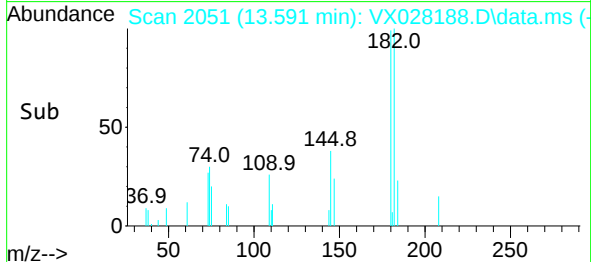
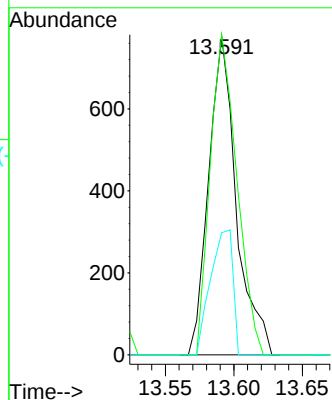
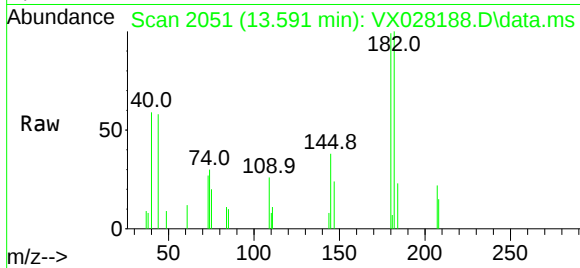




#93
1,2,4-Trichlorobenzene
Concen: 0.215 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

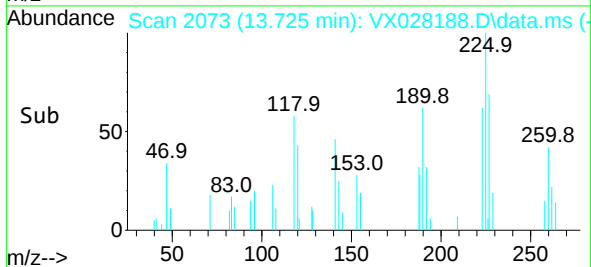
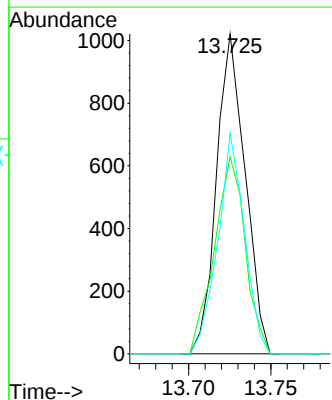
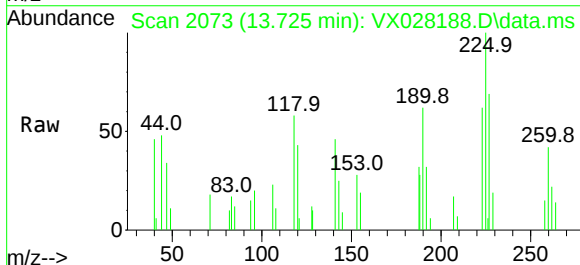
Instrument :
MSVOA_X
ClientSampleId :
VX0420MBL01

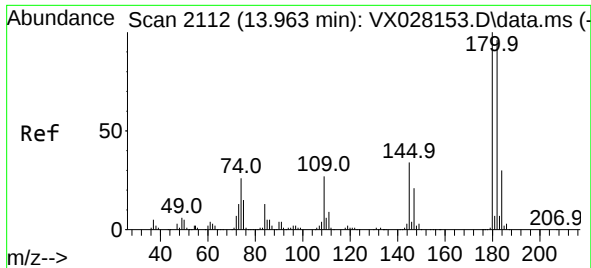
Tgt Ion:	180	Resp:	1087
Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.7	143.1
145	31.7	15.2	45.5



#94
Hexachlorobutadiene
Concen: 0.548 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028188.D
Acq: 20 Apr 2022 11:15

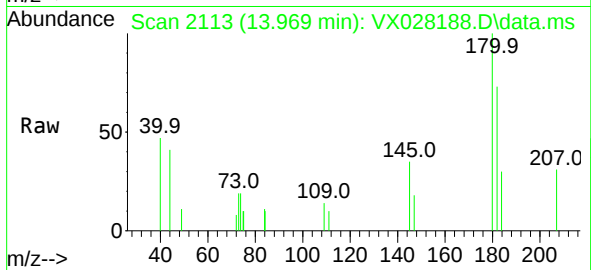
Tgt Ion:	225	Resp:	1238
Ion	Ratio	Lower	Upper
225	100		
223	66.5	34.2	102.5
227	64.5	33.9	101.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.227 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX028188.D
 Acq: 20 Apr 2022 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420MBL01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	50.0	149.8
145	28.2	16.2	48.5

