

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023228.D
 Acq On : 09 Jul 2021 18:00
 Operator : JC/MD
 Sample : M2748-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8A

Quant Time: Jul 10 04:22:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

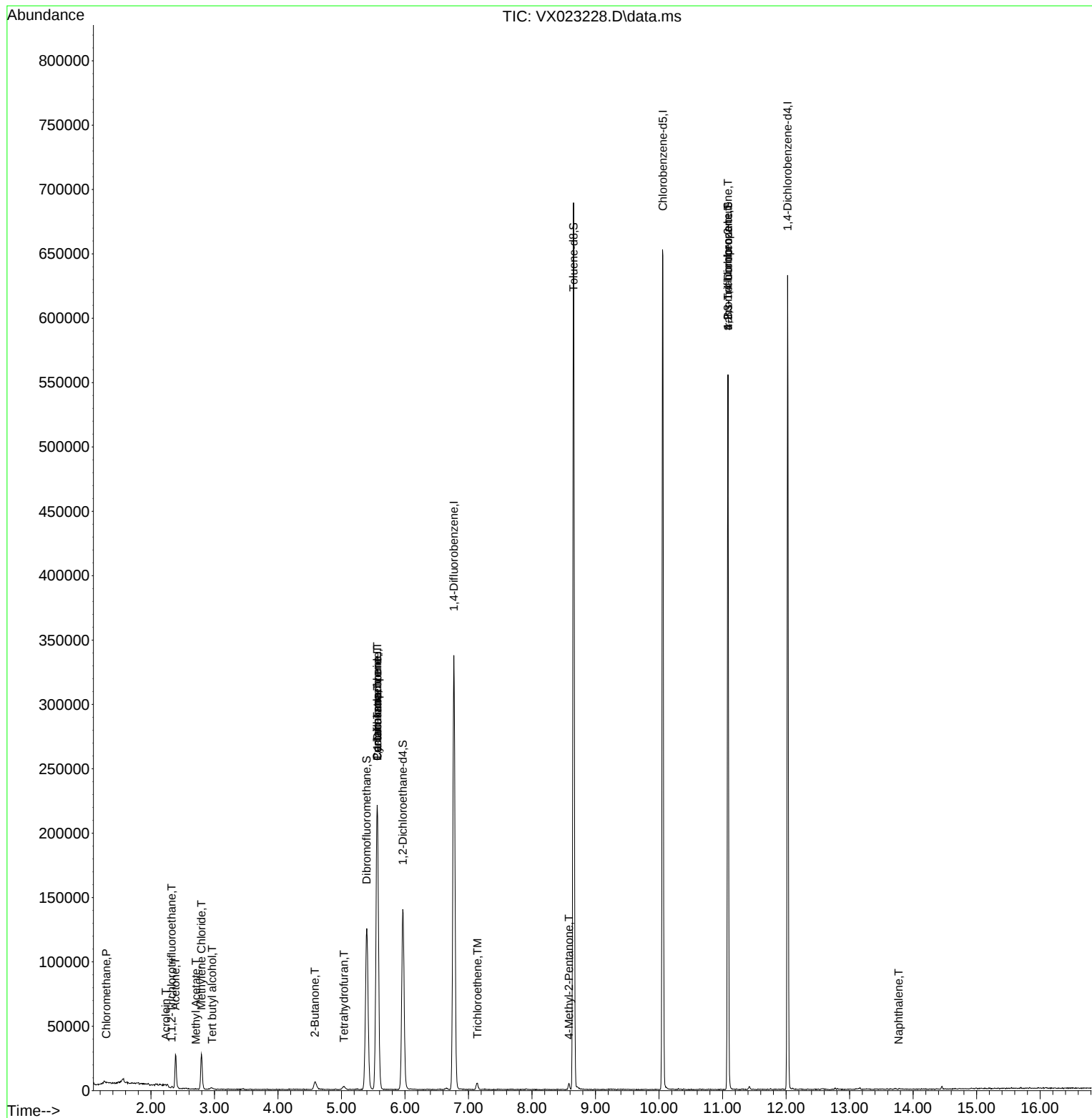
Internal Standards							
1) Pentafluorobenzene		5.562	168	209788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.769	114	339801	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.061	117	297567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	128349	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.964	65	142502	50.541	ug/l	0.00
Spiked Amount 50.000		Range 78 - 117		Recovery	= 101.080%		
35) Dibromofluoromethane		5.397	113	109496	49.900	ug/l	0.00
Spiked Amount 50.000		Range 75 - 124		Recovery	= 99.800%		
50) Toluene-d8		8.653	98	398718	48.712	ug/l	0.00
Spiked Amount 50.000		Range 92 - 112		Recovery	= 97.420%		
62) 4-Bromofluorobenzene		11.085	95	141265	44.705	ug/l	0.00
Spiked Amount 50.000		Range 83 - 123		Recovery	= 89.400%		
Target Compounds							Qvalue
3) Chloromethane		1.294	50	381	0.203	ug/l #	71
5) Bromomethane		1.581	94	38	Below Cal	#	2
9) 1,1,2-Trichlorotrifluo...		2.324	101	594	0.293	ug/l #	89
11) Tert butyl alcohol		2.965	59	901	1.519	ug/l #	94
13) Acrolein		2.233	56	134	0.339	ug/l #	14
16) Acetone		2.385	43	27104	24.298	ug/l	92
18) Methyl Acetate		2.708	43	646	0.239	ug/l #	47
20) Methylene Chloride		2.794	84	12251	5.101	ug/l	93
25) 2-Butanone		4.580	43	5253	3.123	ug/l #	79
29) Tetrahydrofuran		5.037	42	2203	2.037	ug/l #	71
31) Cyclohexane		5.562	56	4235	1.254	ug/l #	1
36) 1,1-Dichloropropene		5.562	75	15703	5.184	ug/l #	45
38) Carbon Tetrachloride		5.562	117	21786	6.890	ug/l #	15
44) Trichloroethene		7.141	130	2044	0.819	ug/l	93
51) 4-Methyl-2-Pentanone		8.579	43	3197	0.939	ug/l #	85
76) 1,2,3-Trichloropropane		11.085	75	74792	28.958	ug/l #	39
81) trans-1,4-Dichloro-2-b...		11.085	75	74792	77.917	ug/l #	12
95) Naphthalene		13.774	128	722	1.349	ug/l #	78

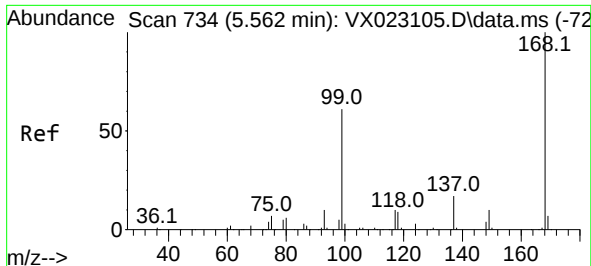
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

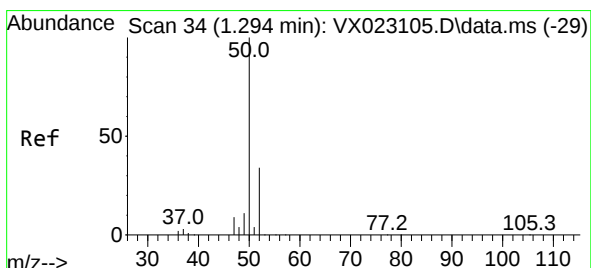
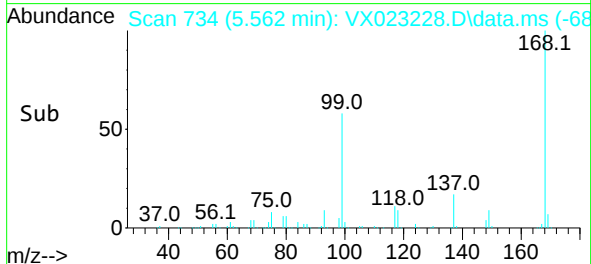
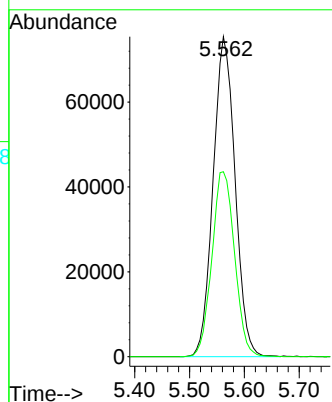
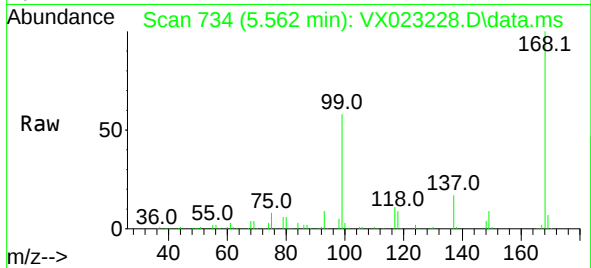




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

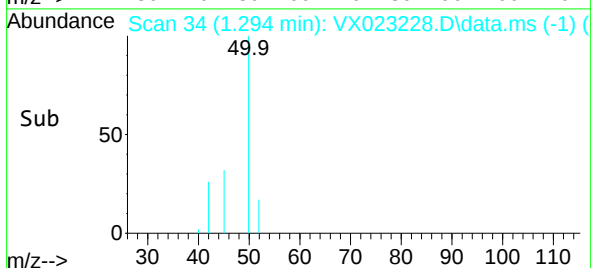
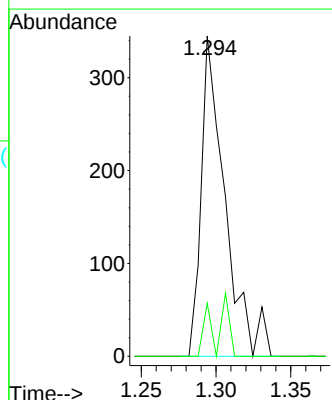
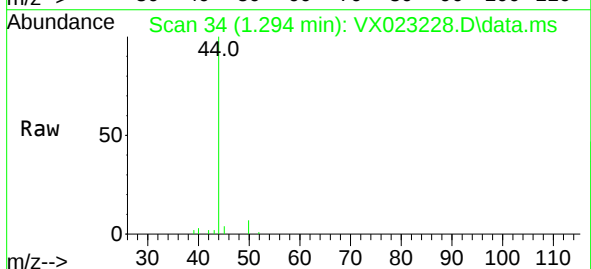
Instrument :
MSVOA_X
ClientSampleId :
SB-8A

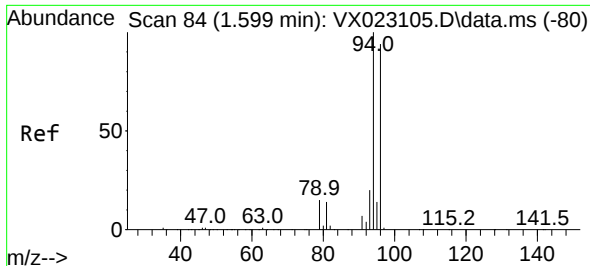
Tgt Ion:168 Resp: 209788
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 16.5 26.4 39.6#

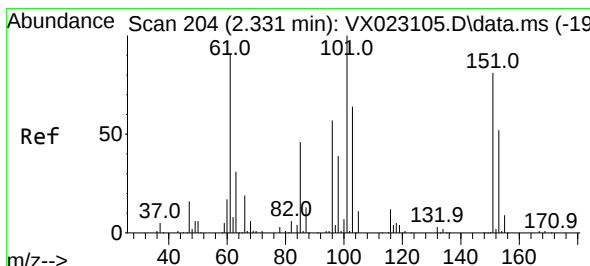
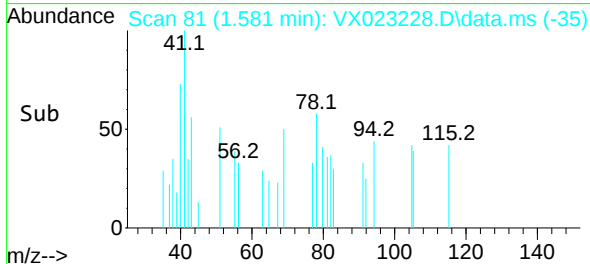
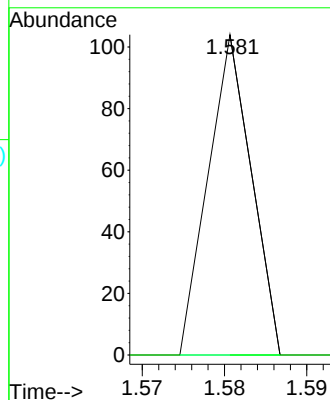
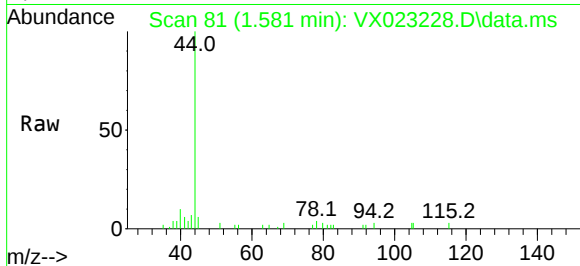




#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

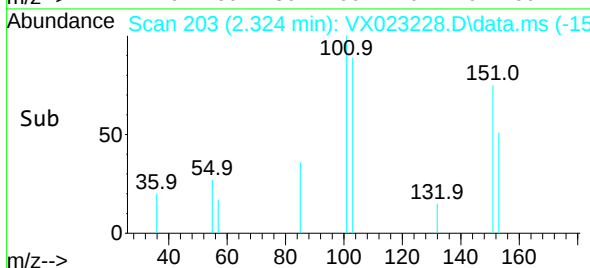
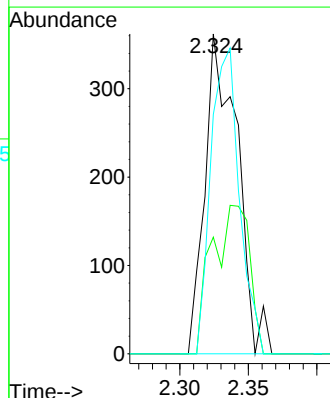
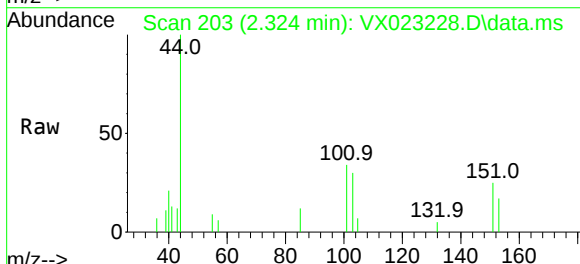
Instrument :
MSVOA_X
ClientSampled :
SB-8A

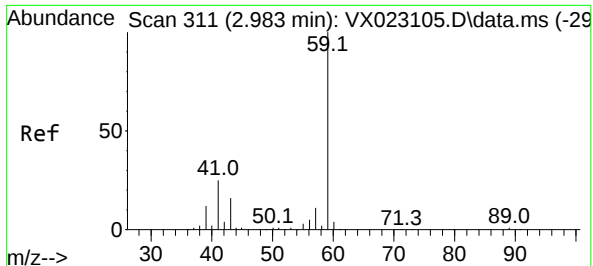
Tgt Ion: 94 Resp: 38
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.293 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.007 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Tgt Ion: 101 Resp: 594
Ion Ratio Lower Upper
101 100
85 53.9 34.9 52.3#
151 84.2 61.4 92.2



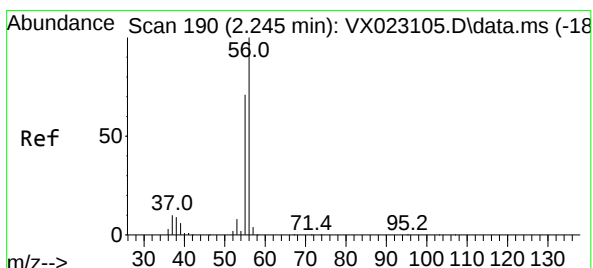
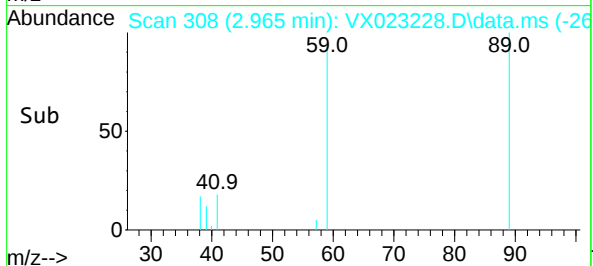
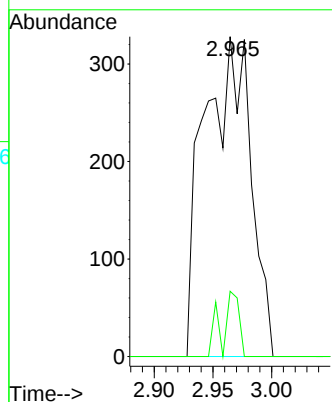
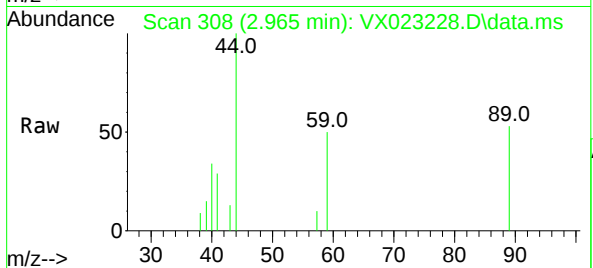


#11

Tert butyl alcohol
Concen: 1.519 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Instrument :
MSVOA_X
ClientSampled :
SB-8A

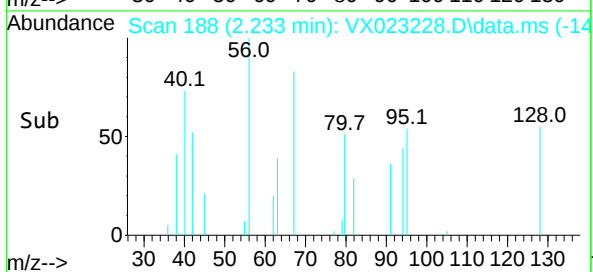
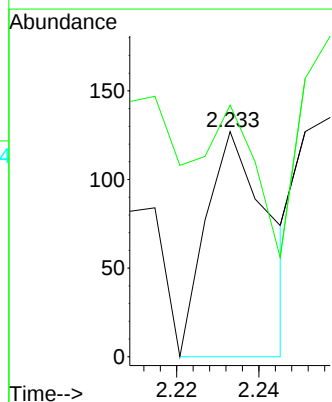
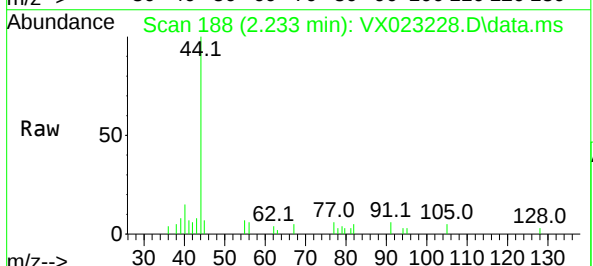
Tgt Ion: 59 Resp: 901
Ion Ratio Lower Upper
59 100
57 7.4 7.8 11.8#

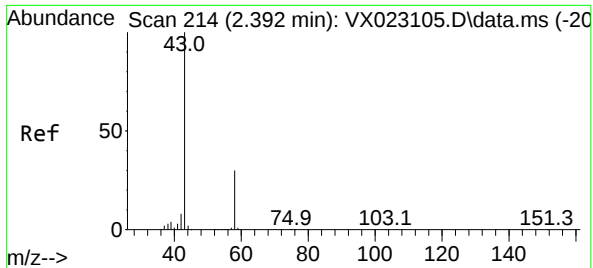


#13

Acrolein
Concen: 0.339 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

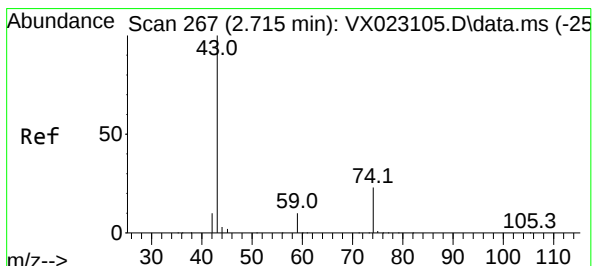
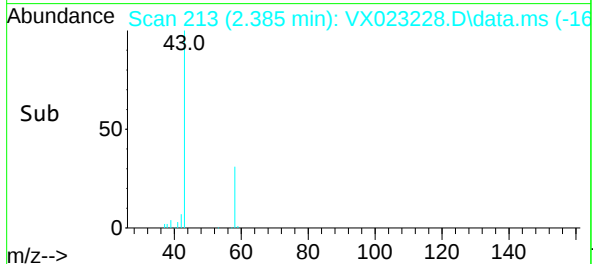
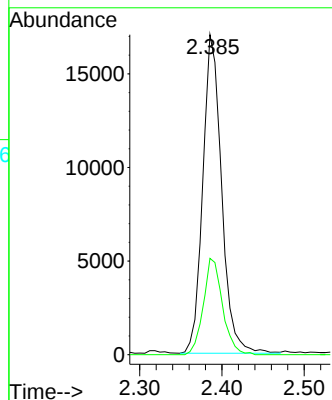
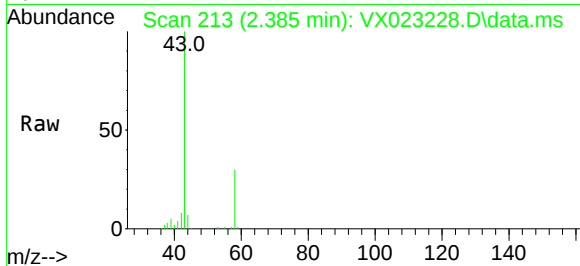




#16
Acetone
Concen: 24.298 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

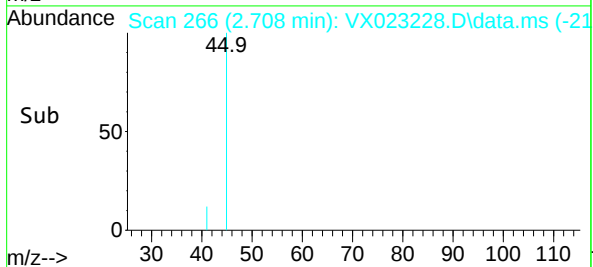
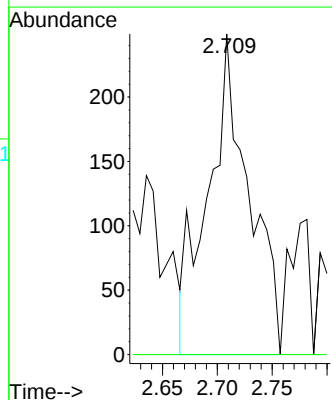
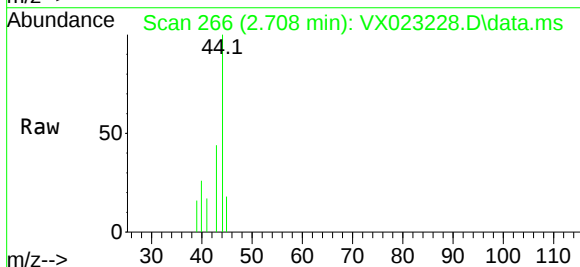
Instrument :
MSVOA_X
ClientSampled :
SB-8A

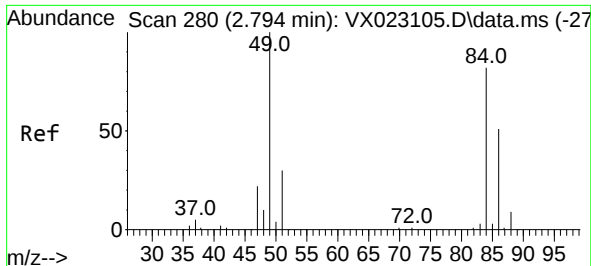
Tgt Ion: 43 Resp: 27104
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8



#18
Methyl Acetate
Concen: 0.239 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

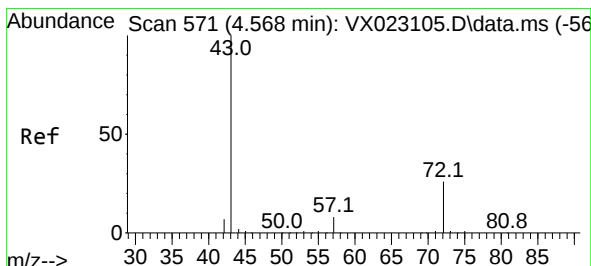
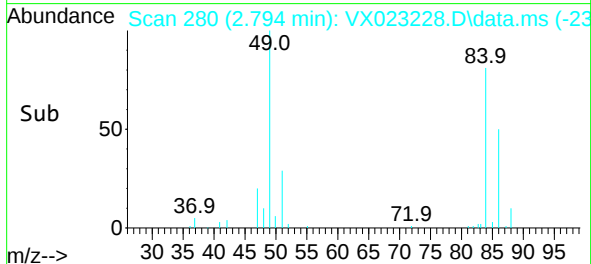
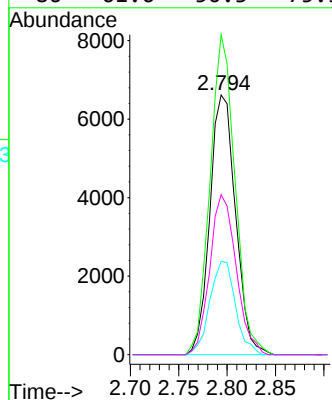
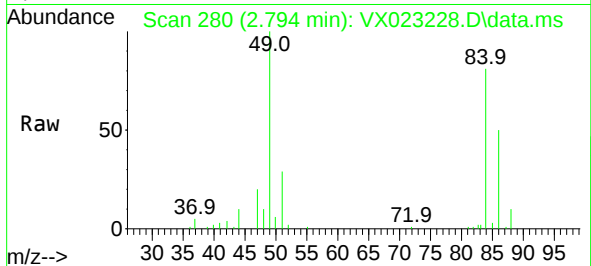




#20
Methylene Chloride
Concen: 5.101 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

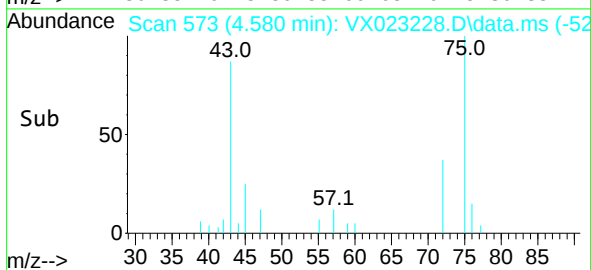
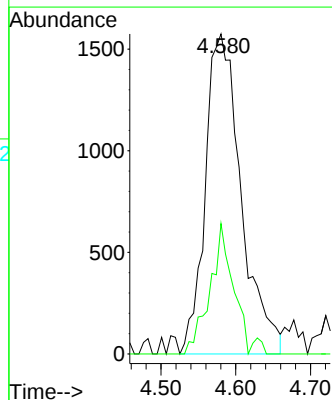
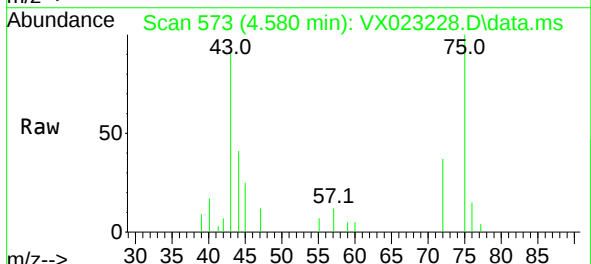
Instrument :
MSVOA_X
ClientSampled :
SB-8A

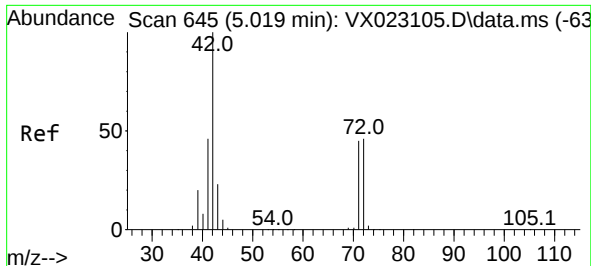
Tgt Ion:	84	Resp:	12251
Ion	Ratio	Lower	Upper
84	100		
49	123.2	88.6	132.8
51	35.9	27.0	40.6
86	61.6	50.3	75.5



#25
2-Butanone
Concen: 3.123 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Tgt Ion:	43	Resp:	5253
Ion	Ratio	Lower	Upper
43	100		
72	40.8	23.7	35.5#





#29

Tetrahydrofuran

Concen: 2.037 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.018 min

Lab File: VX023228.D

Acq: 09 Jul 2021 18:00

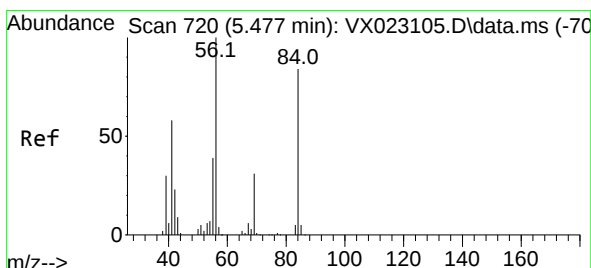
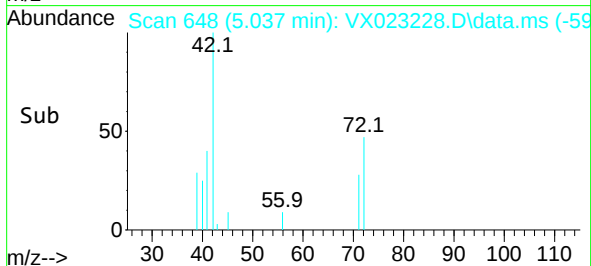
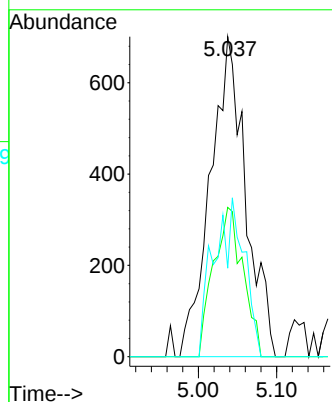
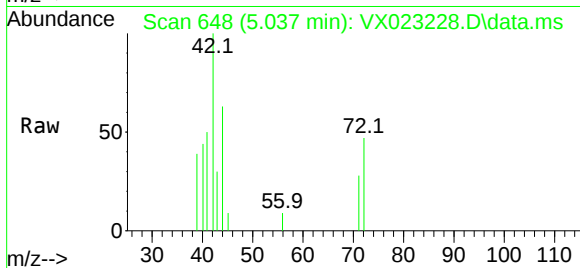
Instrument :

MSVOA_X

ClientSampleId :

SB-8A

Tgt Ion:	42	Resp:	2203
Ion	Ratio	Lower	Upper
42	100		
72	38.6	41.7	62.5#
71	21.6	38.4	57.6#



#31

Cyclohexane

Concen: 1.254 ug/l

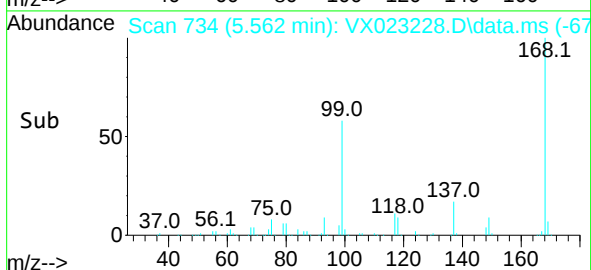
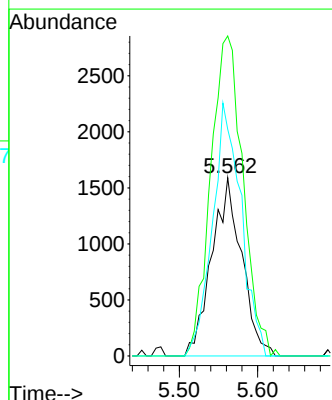
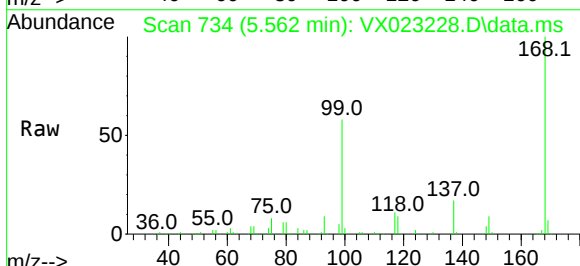
RT: 5.562 min Scan# 734

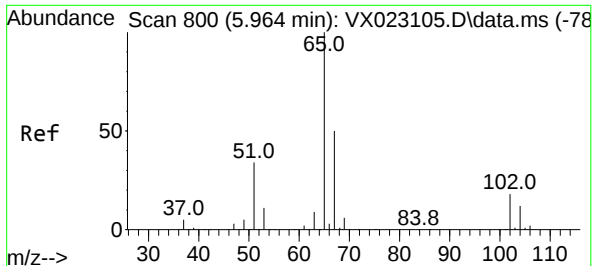
Delta R.T. 0.085 min

Lab File: VX023228.D

Acq: 09 Jul 2021 18:00

Tgt Ion:	56	Resp:	4235
Ion	Ratio	Lower	Upper
56	100		
69	179.5	25.3	37.9#
84	127.2	71.4	107.0#



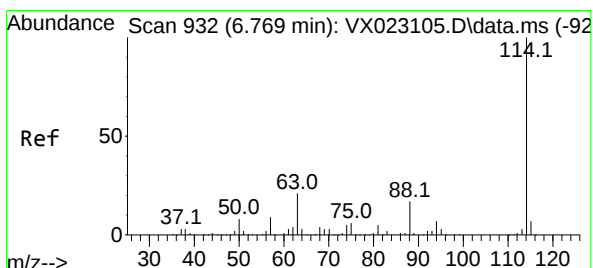
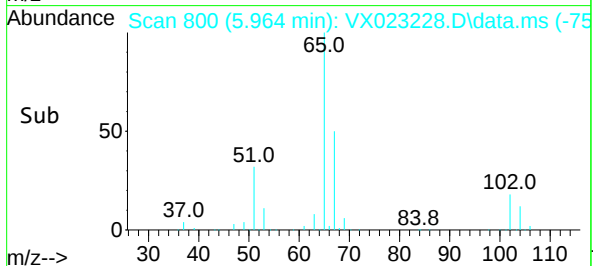
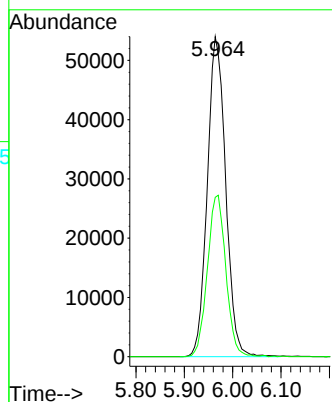
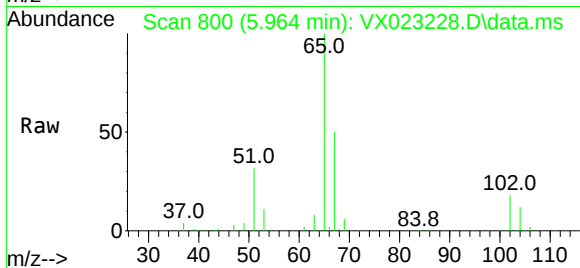


#33

1,2-Dichloroethane-d4
Concen: 50.541 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Instrument :
MSVOA_X
ClientSampled :
SB-8A

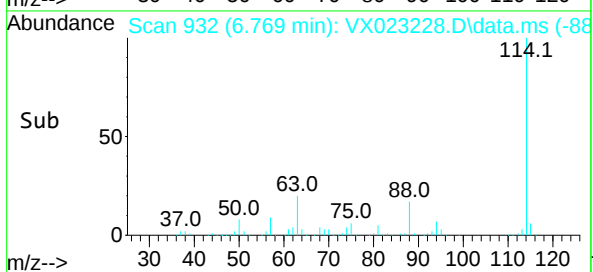
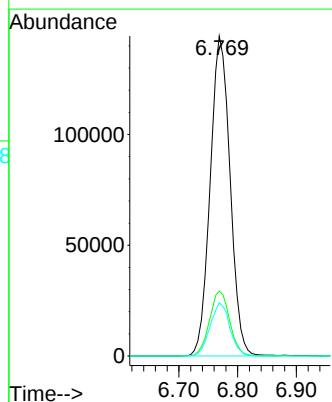
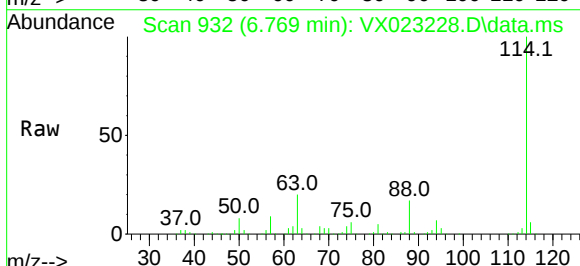
Tgt Ion: 65 Resp: 142502
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

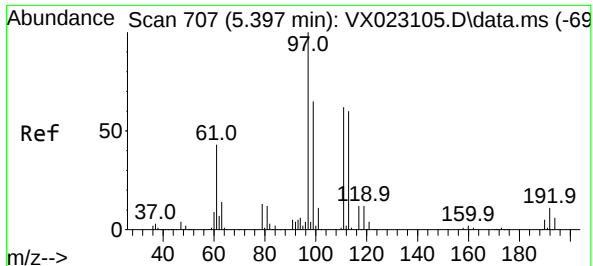


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Tgt Ion: 114 Resp: 339801
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.900 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023228.D

Acq: 09 Jul 2021 18:00

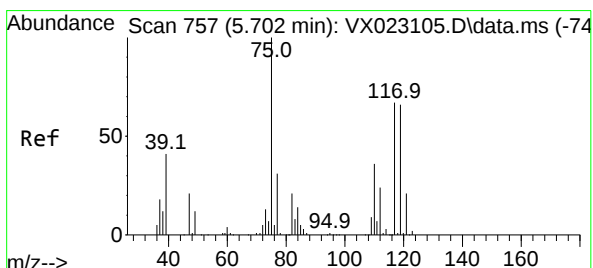
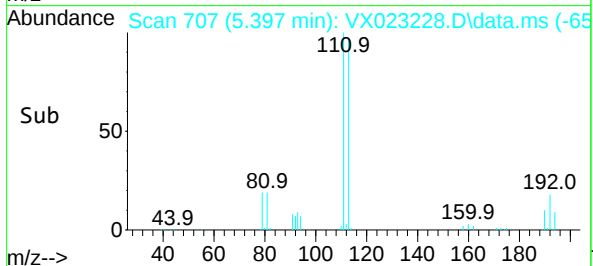
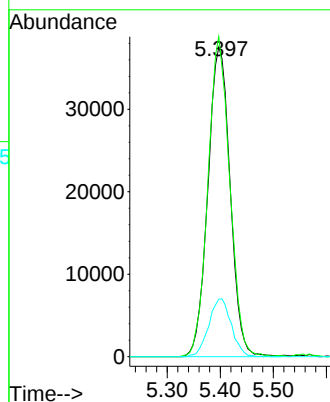
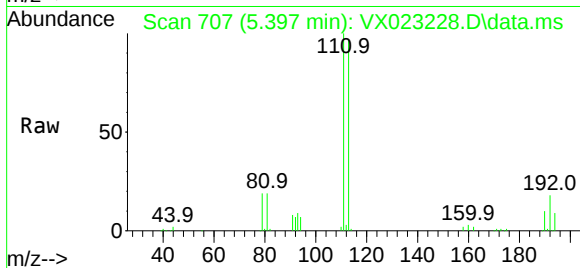
Tgt Ion:113 Resp: 109496

Ion Ratio Lower Upper

113 100

111 101.1 81.9 122.9

192 18.9 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.184 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023228.D

Acq: 09 Jul 2021 18:00

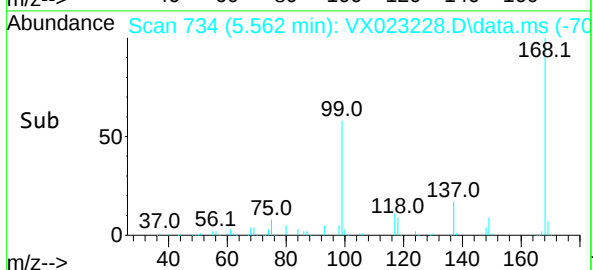
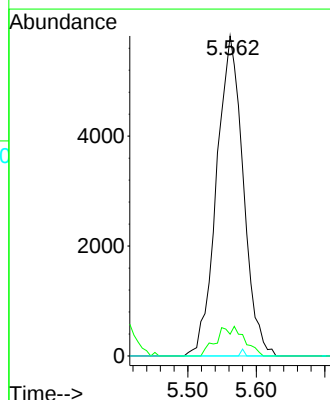
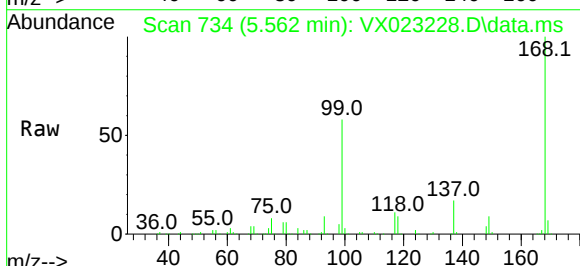
Tgt Ion: 75 Resp: 15703

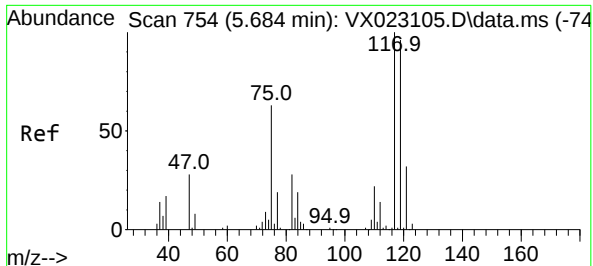
Ion Ratio Lower Upper

75 100

110 5.2 18.1 54.4#

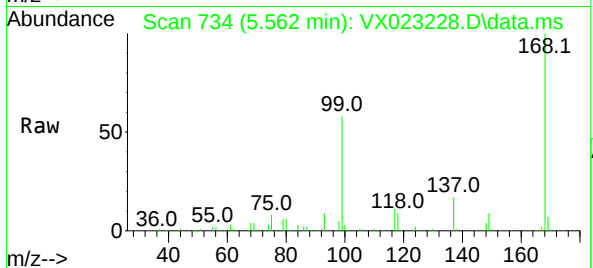
77 0.0 25.3 37.9#



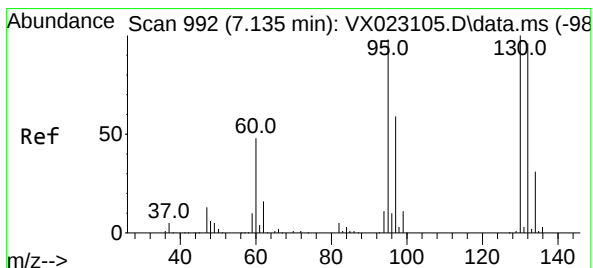
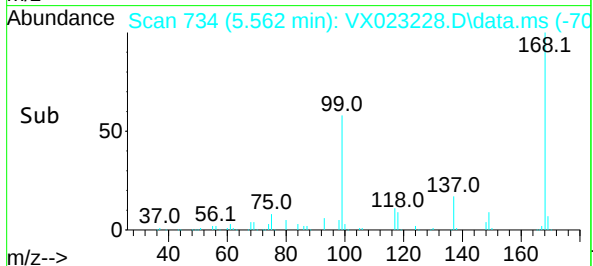
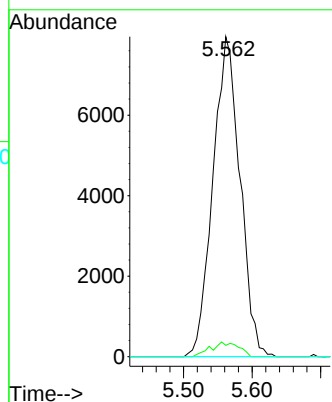


#38
Carbon Tetrachloride
Concen: 6.890 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Instrument :
MSVOA_X
ClientSampleId :
SB-8A

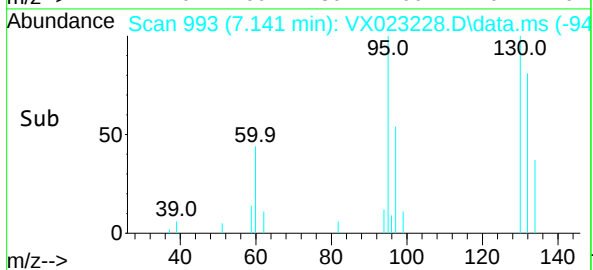
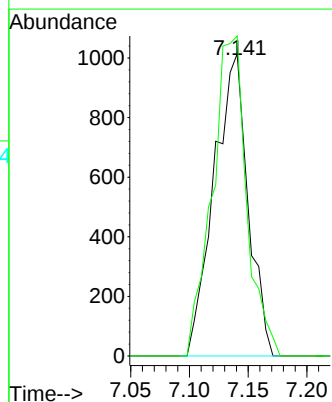
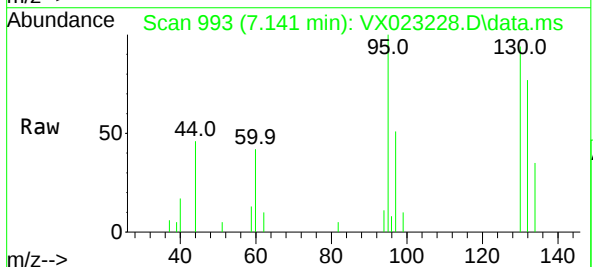


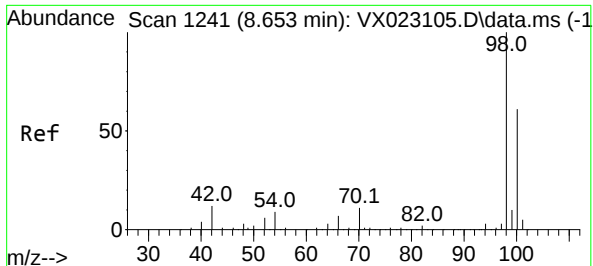
Tgt Ion:117 Resp: 21786
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.819 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.006 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Tgt Ion:130 Resp: 2044
Ion Ratio Lower Upper
130 100
95 105.9 0.0 198.0

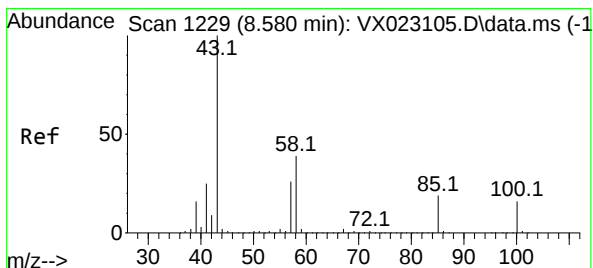
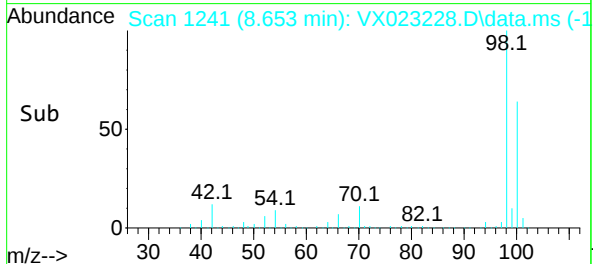
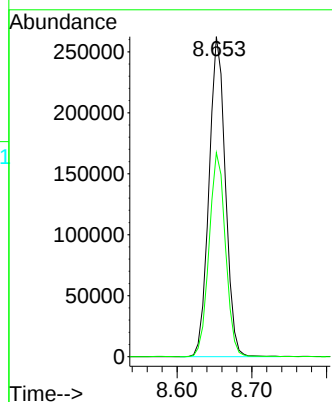
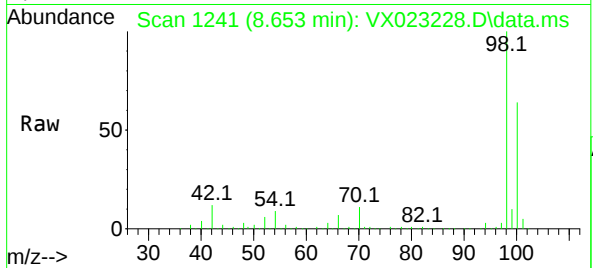




#50
Toluene-d8
Concen: 48.712 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

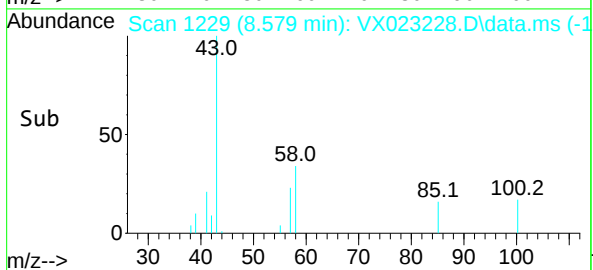
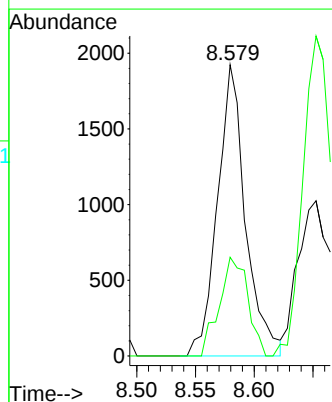
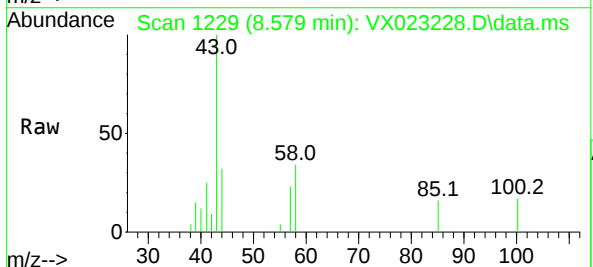
Instrument :
MSVOA_X
ClientSampled :
SB-8A

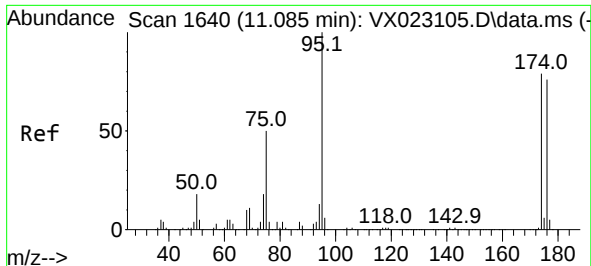
Tgt Ion: 98 Resp: 398718
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.939 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. -0.001 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Tgt Ion: 43 Resp: 3197
Ion Ratio Lower Upper
43 100
58 34.5 35.4 53.0#

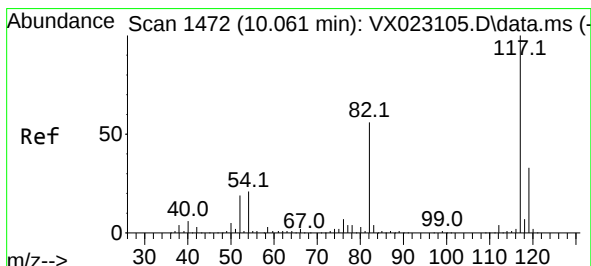
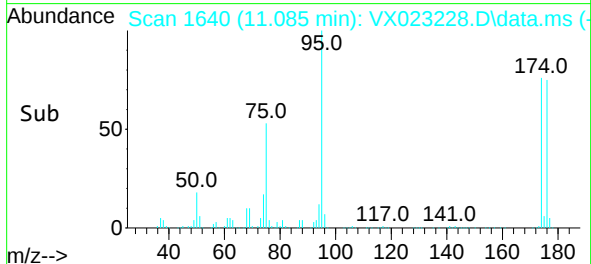
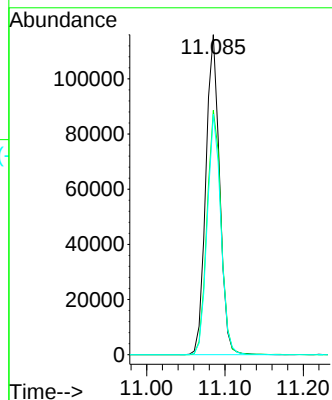
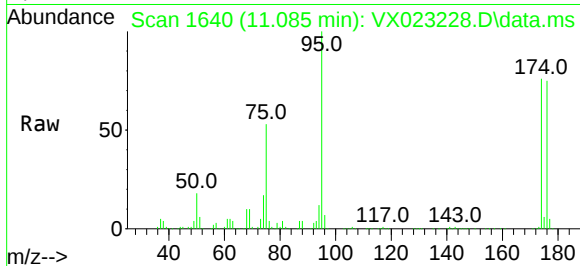




#62
4-Bromofluorobenzene
Concen: 44.705 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

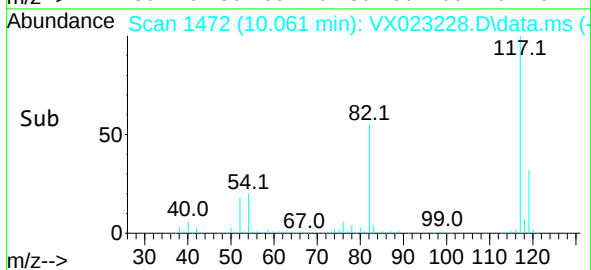
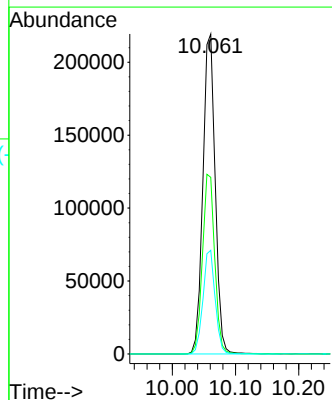
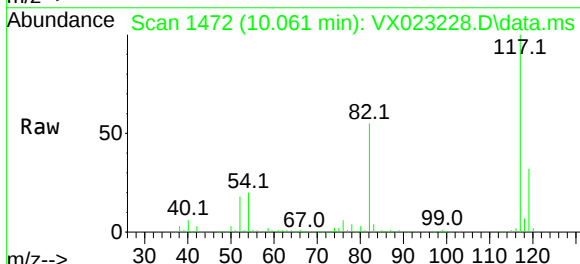
Instrument :
MSVOA_X
ClientSampled :
SB-8A

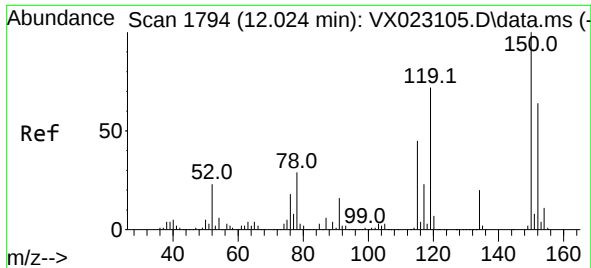
Tgt Ion: 95 Resp: 141265
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 74.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Tgt Ion: 117 Resp: 297567
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 32.4 26.6 39.8

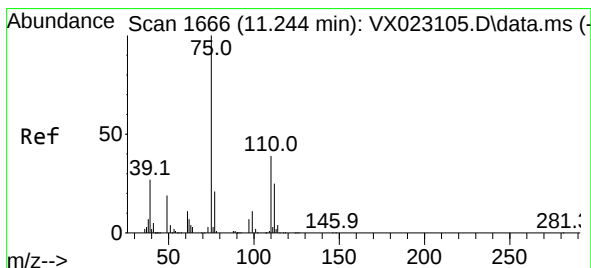
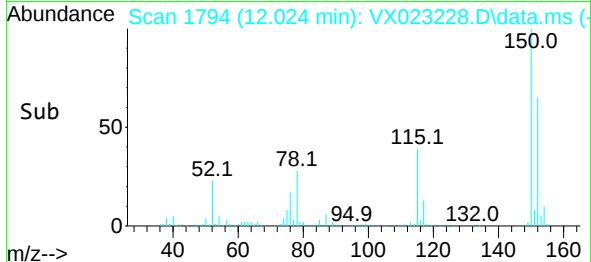
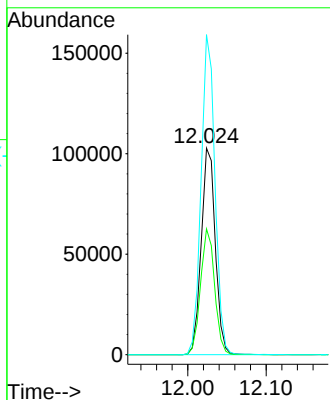
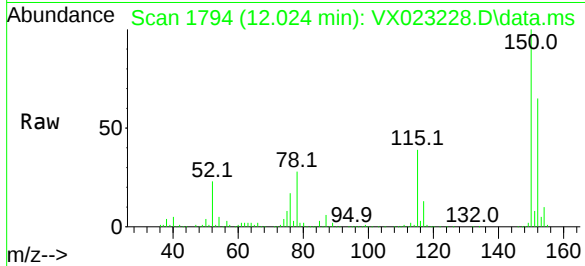




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX023228.D
 Acq: 09 Jul 2021 18:00

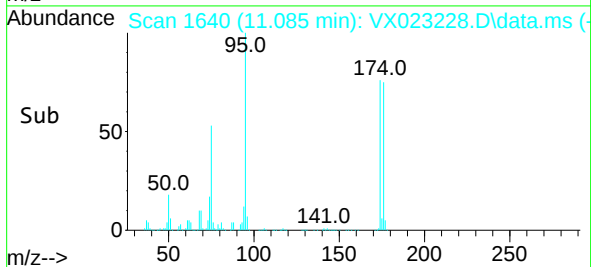
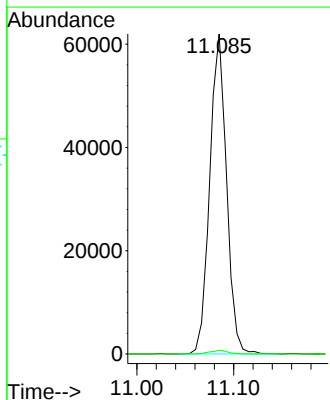
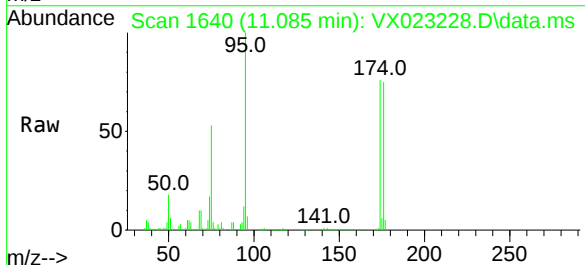
Instrument :
 MSVOA_X
 ClientSampled :
 SB-8A

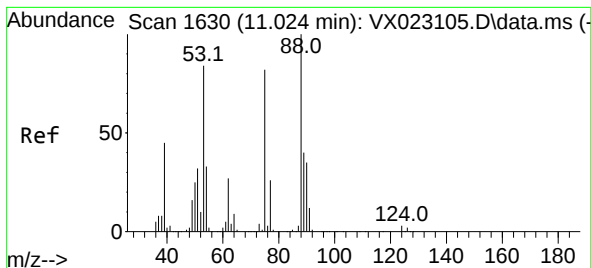
Tgt Ion:152 Resp: 128349
 Ion Ratio Lower Upper
 152 100
 115 60.9 41.1 123.3
 150 152.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.958 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023228.D
 Acq: 09 Jul 2021 18:00

Tgt Ion: 75 Resp: 74792
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

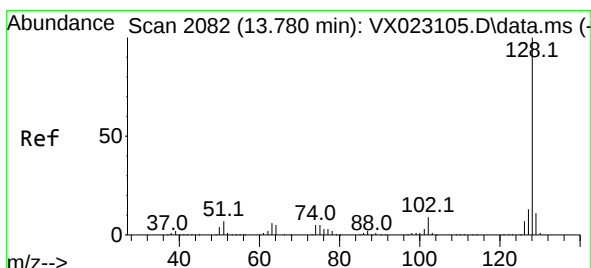
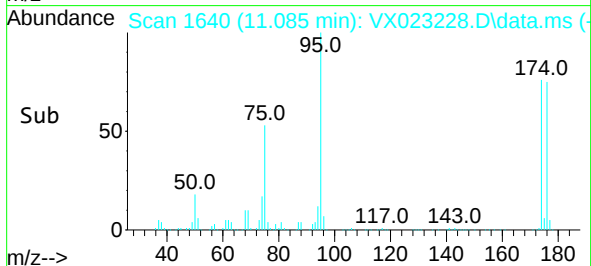
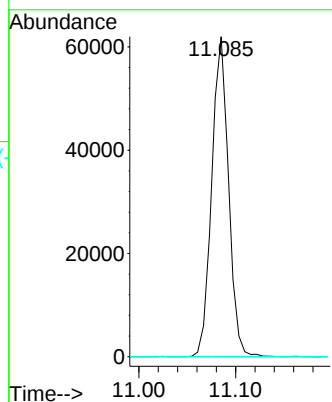
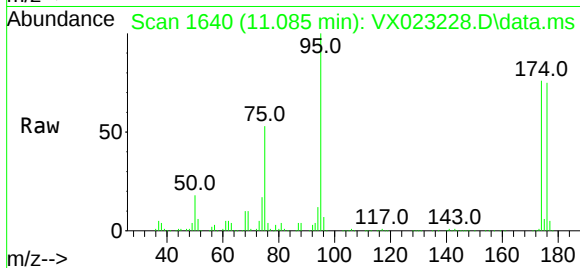




#81
trans-1,4-Dichloro-2-butene
Concen: 77.917 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Instrument :
MSVOA_X
ClientSampled :
SB-8A

Tgt Ion: 75 Resp: 74792
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.349 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023228.D
Acq: 09 Jul 2021 18:00

Tgt Ion: 128 Resp: 722
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 7.2 8.8 13.2#

