

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031323.D
 Acq On : 14 Sep 2022 22:12
 Operator : JC/MD
 Sample : N4497-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 06:07:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

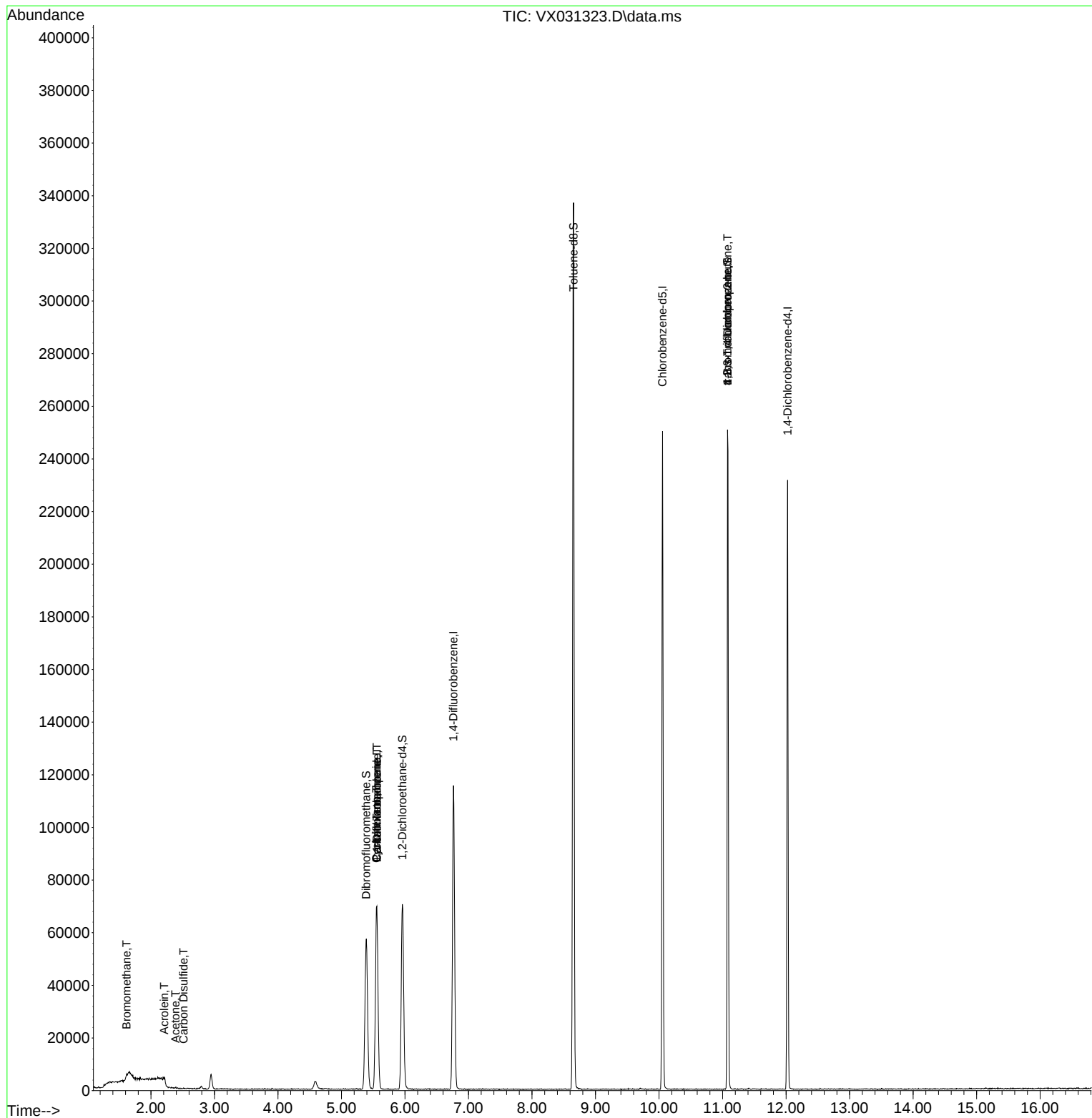
Internal Standards						
1) Pentafluorobenzene	5.556	168	61728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	109849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66836	44.112	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.220%
35) Dibromofluoromethane	5.385	113	48374	40.967	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.940%
50) Toluene-d8	8.653	98	189552	42.795	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.580%#
62) 4-Bromofluorobenzene	11.079	95	62099	38.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	76.580%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	80	Below Cal	#	41
5) Bromomethane	1.618	94	284	0.351	ug/l #	56
11) Tert butyl alcohol	2.953	59	3285	Below Cal	#	73
13) Acrolein	2.209	56	278	1.590	ug/l #	9
16) Acetone	2.386	43	603	0.932	ug/l #	45
17) Carbon Disulfide	2.514	76	138	0.945	ug/l #	75
20) Methylene Chloride	2.800	84	506	Below Cal	#	57
21) trans-1,2-Dichloroethene	3.166	96	21	Below Cal	#	1
31) Cyclohexane	5.550	56	1866	1.146	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	6115	3.784	ug/l #	45
38) Carbon Tetrachloride	5.556	117	6848	3.898	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	36296	34.711	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36296	96.047	ug/l #	11

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX031323.D

Acq: 14 Sep 2022 22:12

Instrument :

MSVOA_X

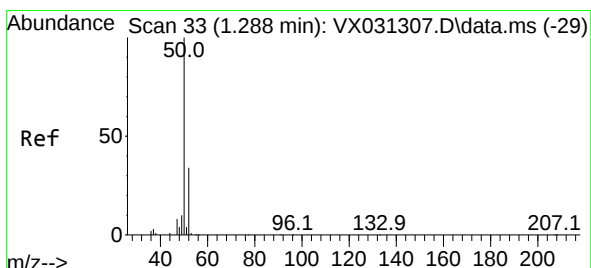
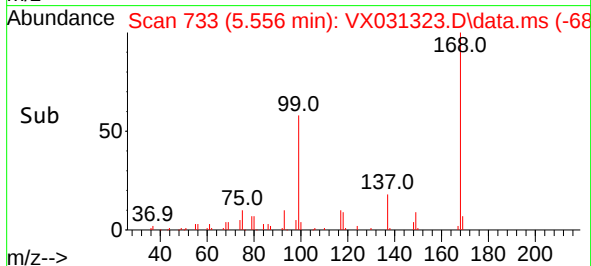
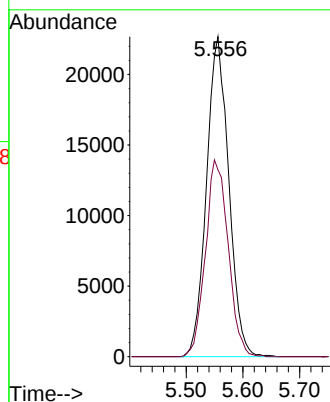
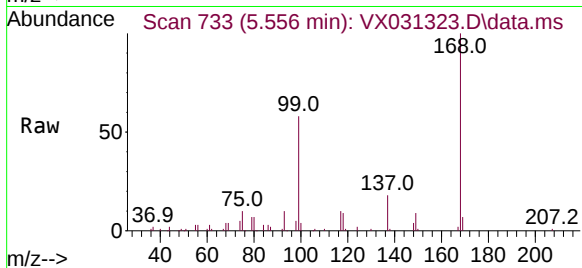
ClientSampleId :

Tgt Ion:168 Resp: 61728

Ion Ratio Lower Upper

168 100

99 58.4 48.8 73.2



#3

Chloromethane

Concen: Below Cal

RT: 1.288 min Scan# 33

Delta R.T. 0.000 min

Lab File: VX031323.D

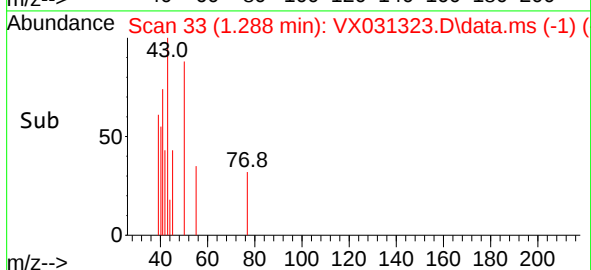
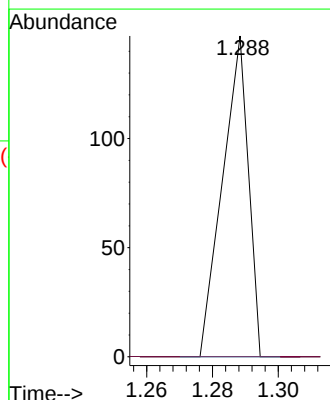
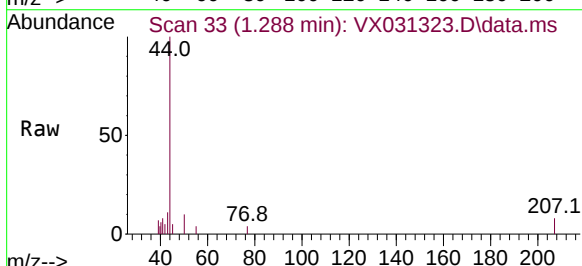
Acq: 14 Sep 2022 22:12

Tgt Ion: 50 Resp: 80

Ion Ratio Lower Upper

50 100

52 0.0 26.9 40.3#

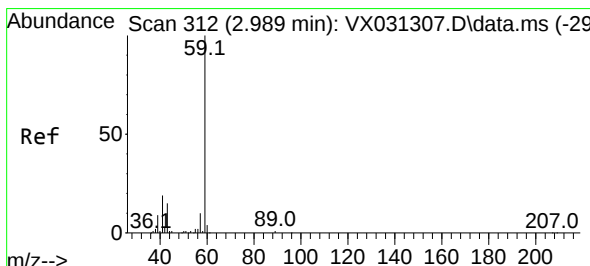
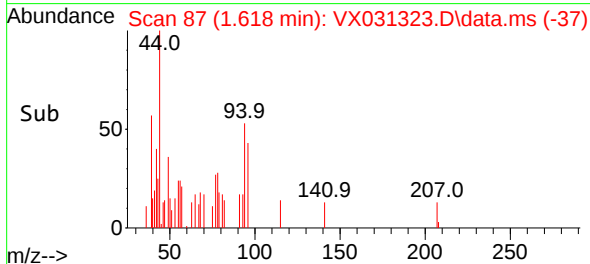
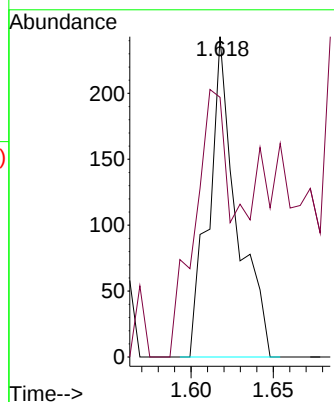
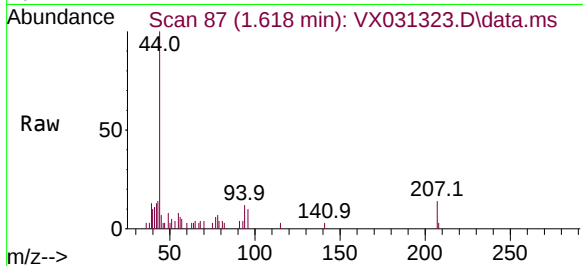




#5
Bromomethane
Concen: 0.351 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

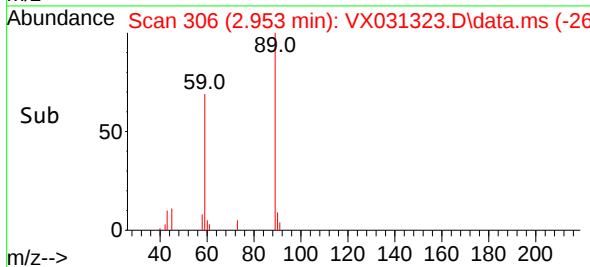
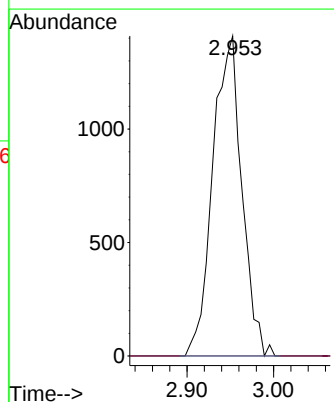
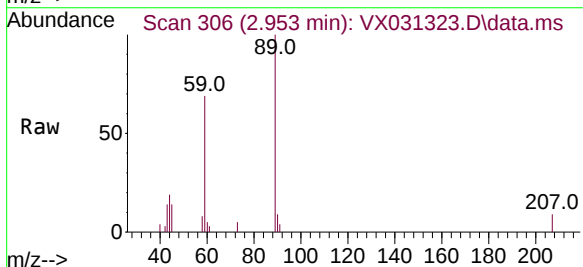
Instrument :
MSVOA_X
ClientSampleId :

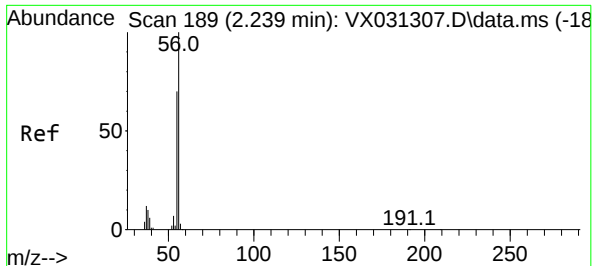
Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 50.6 74.4 111.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

Tgt Ion: 59 Resp: 3285
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

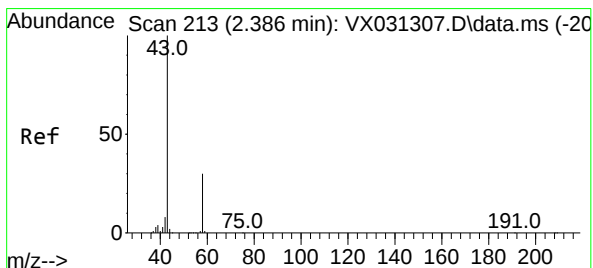
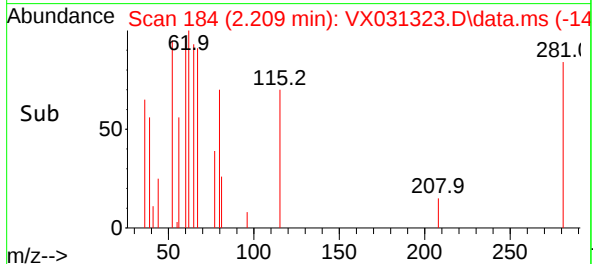
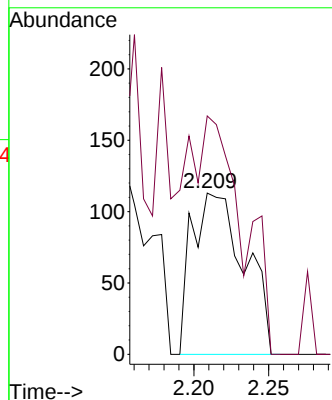
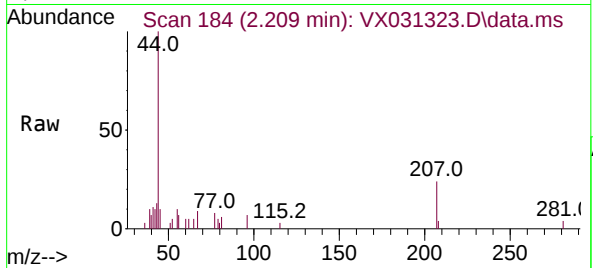




#13
Acrolein
Concen: 1.590 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.030 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

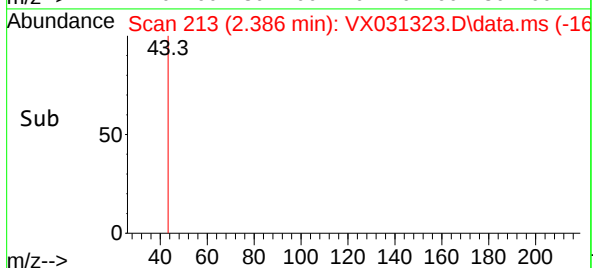
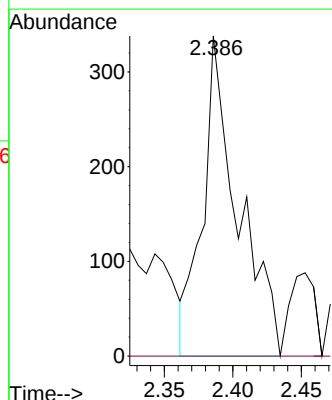
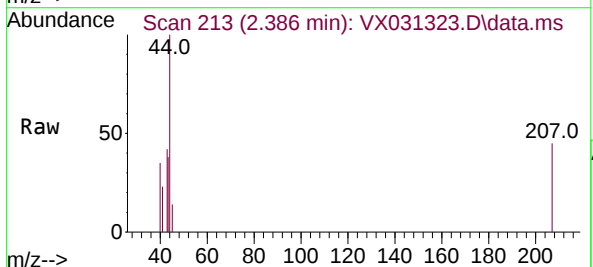
Instrument :
MSVOA_X
ClientSampleId :

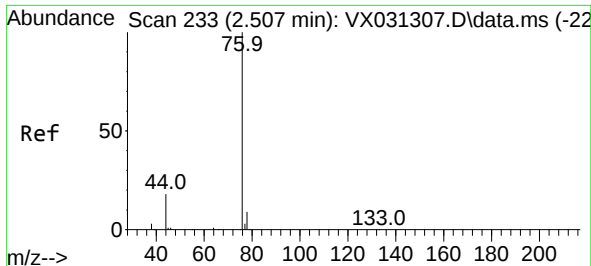
Tgt Ion: 56 Resp: 278
Ion Ratio Lower Upper
56 100
55 145.0 56.0 84.0#



#16
Acetone
Concen: 0.932 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#17

Carbon Disulfide

Concen: 0.945 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX031323.D

Acq: 14 Sep 2022 22:12

Instrument :

MSVOA_X

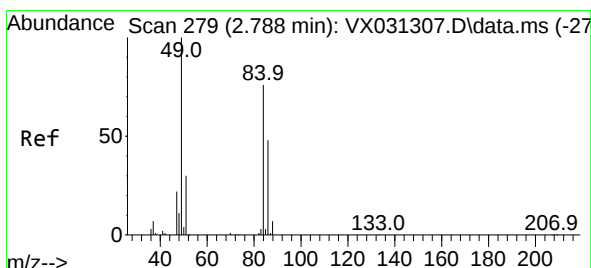
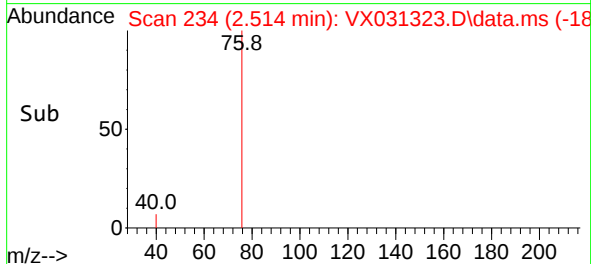
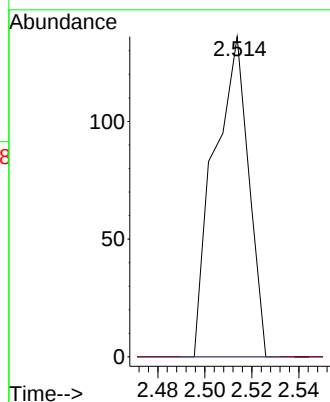
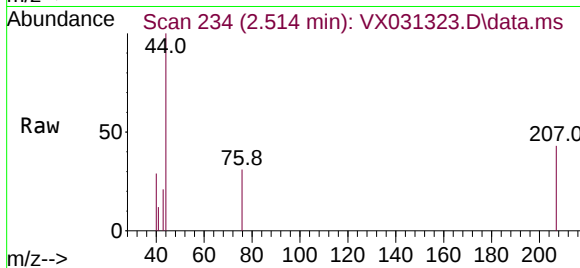
ClientSampleId :

Tgt Ion: 76 Resp: 138

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX031323.D

Acq: 14 Sep 2022 22:12

Tgt Ion: 84 Resp: 506

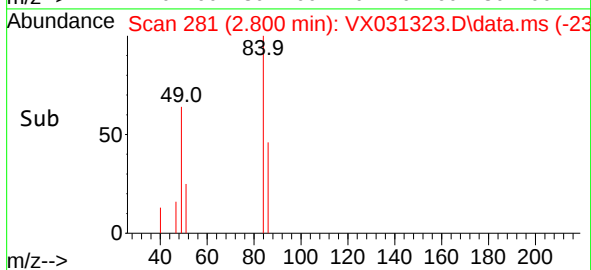
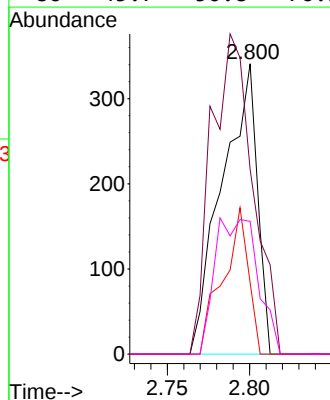
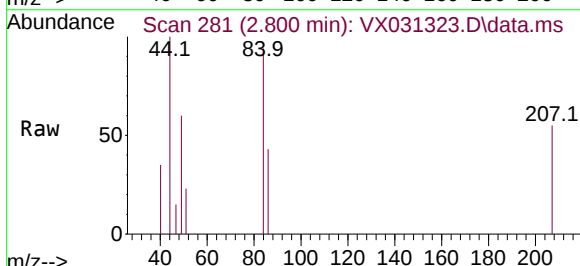
Ion Ratio Lower Upper

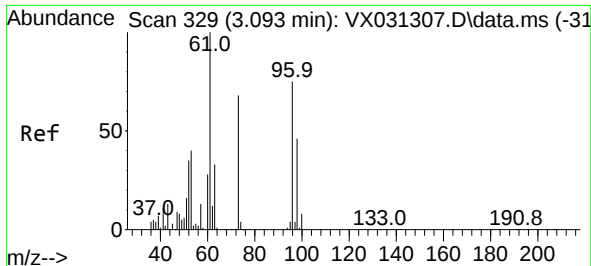
84 100

49 63.6 105.9 158.9#

51 24.6 32.2 48.2#

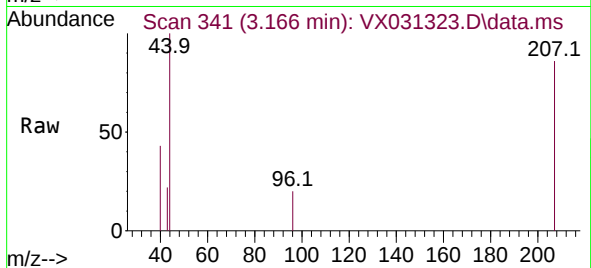
86 45.7 50.8 76.2#



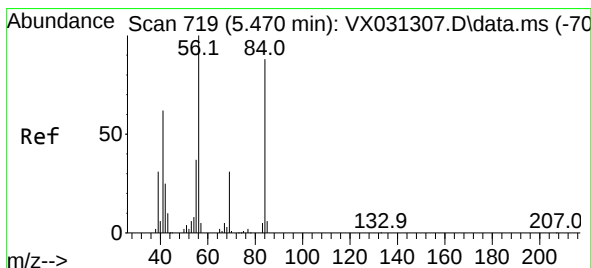
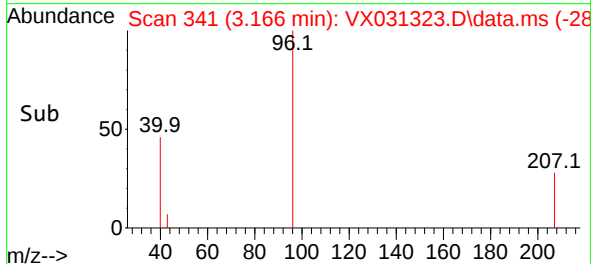
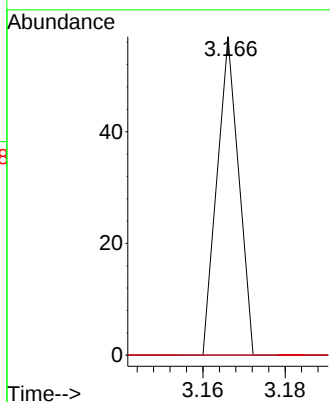


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.166 min Scan# 341
Delta R.T. 0.073 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

Instrument :
MSVOA_X
ClientSampleId :

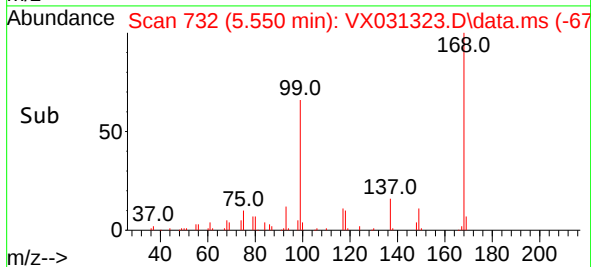
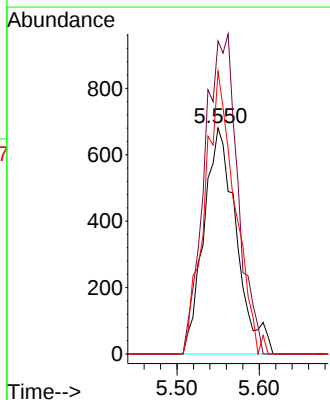
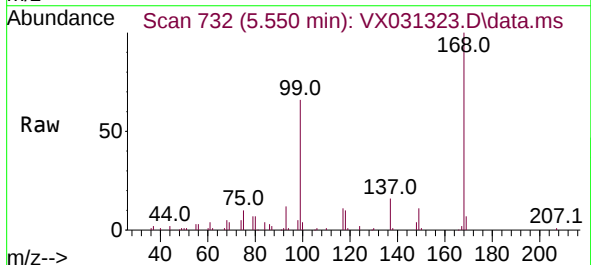


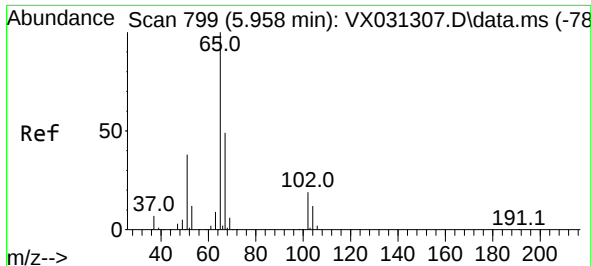
Tgt Ion: 96 Resp: 21
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

Tgt Ion: 56 Resp: 1866
Ion Ratio Lower Upper
56 100
69 138.5 25.1 37.7#
84 125.0 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 44.112 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031323.D

Acq: 14 Sep 2022 22:12

Instrument :

MSVOA_X

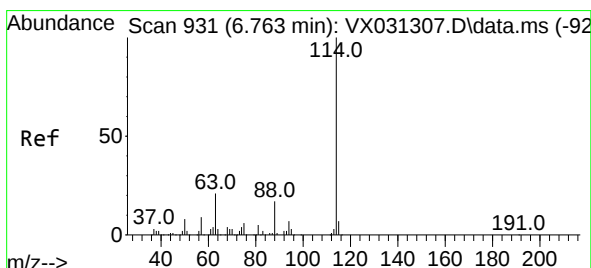
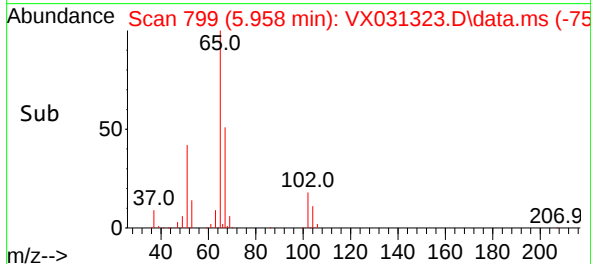
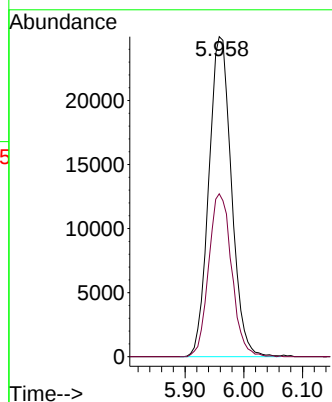
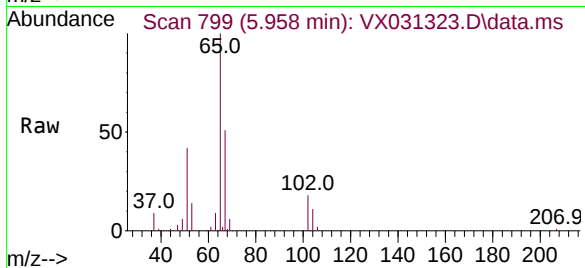
ClientSampleId :

Tgt Ion: 65 Resp: 66836

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031323.D

Acq: 14 Sep 2022 22:12

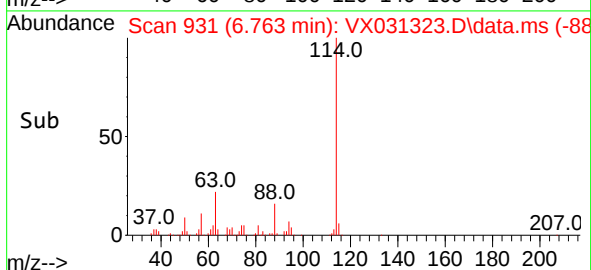
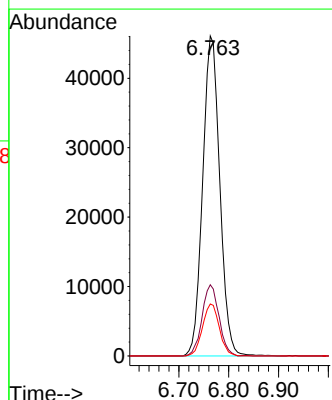
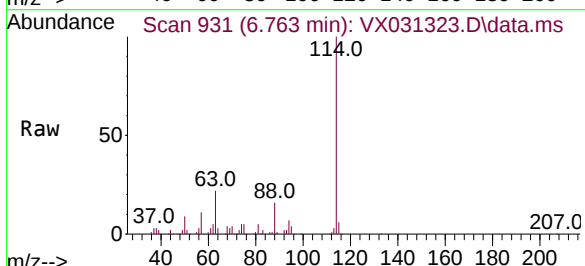
Tgt Ion: 114 Resp: 109849

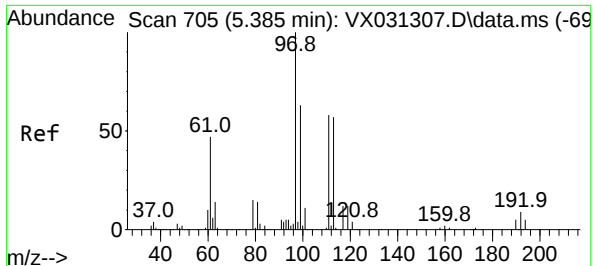
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.6

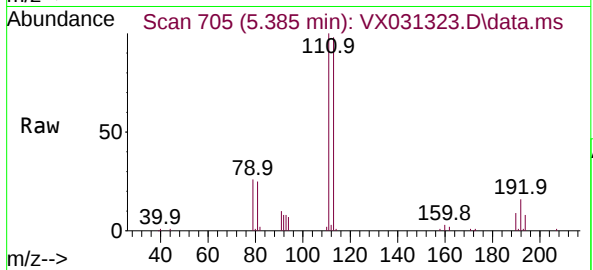
88 16.3 0.0 33.0



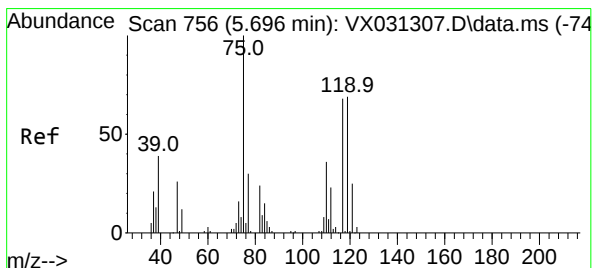
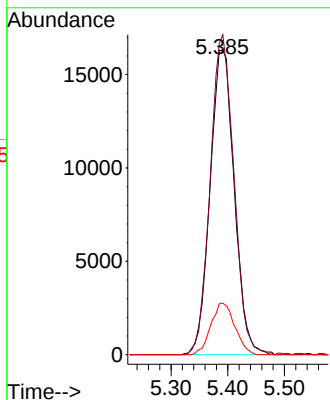
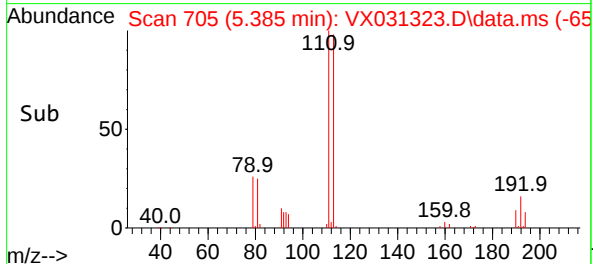


#35
Dibromofluoromethane
Concen: 40.967 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

Instrument :
MSVOA_X
ClientSampleId :

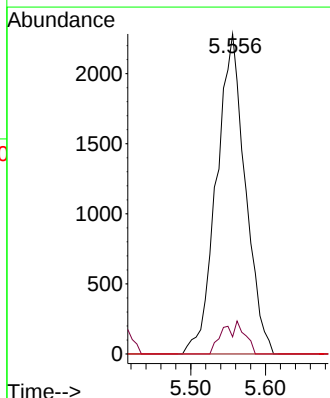
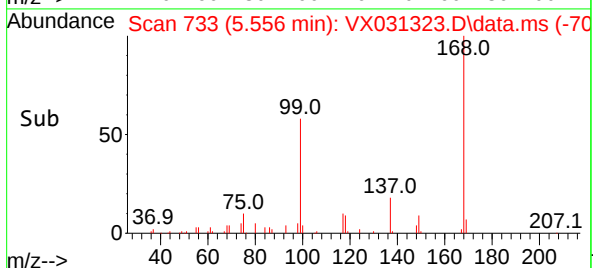
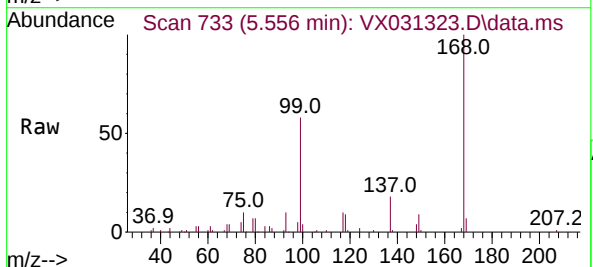


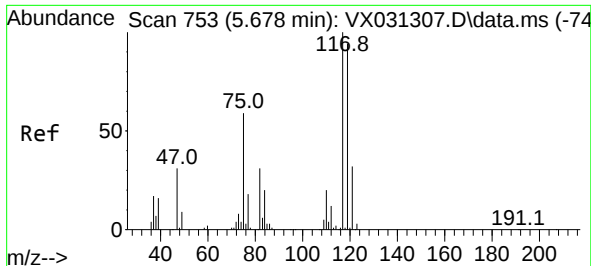
Tgt Ion:113 Resp: 48374
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 16.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.784 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

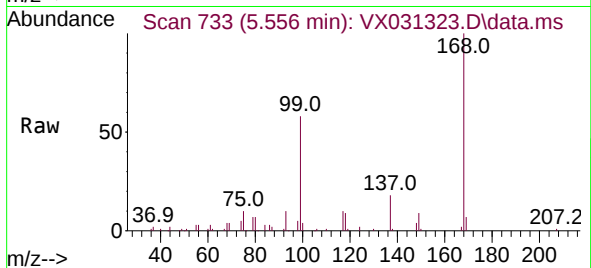
Tgt Ion: 75 Resp: 6115
Ion Ratio Lower Upper
75 100
110 4.2 17.5 52.5#
77 0.0 24.9 37.3#



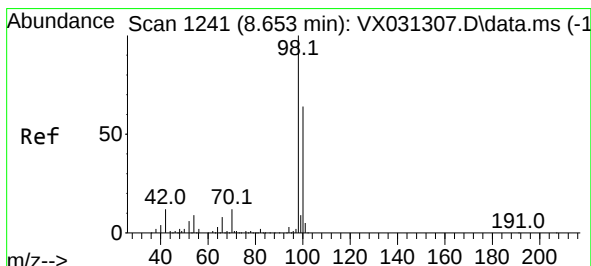
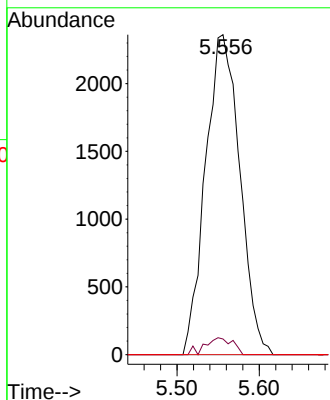
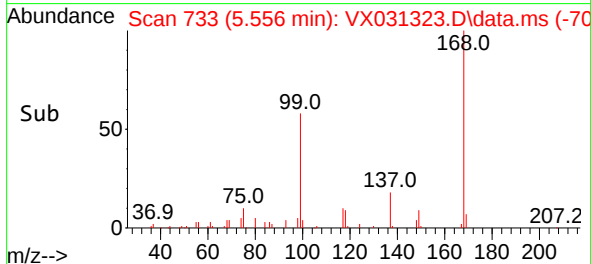


#38
Carbon Tetrachloride
Concen: 3.898 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

Instrument :
MSVOA_X
ClientSampleId :

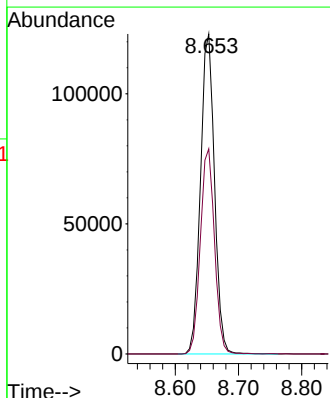
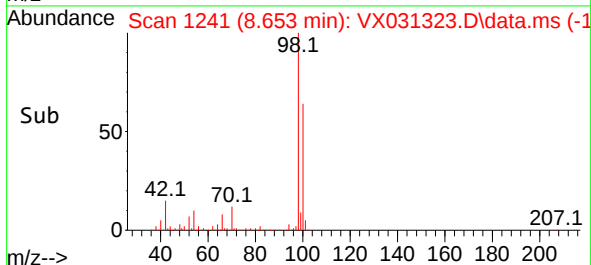
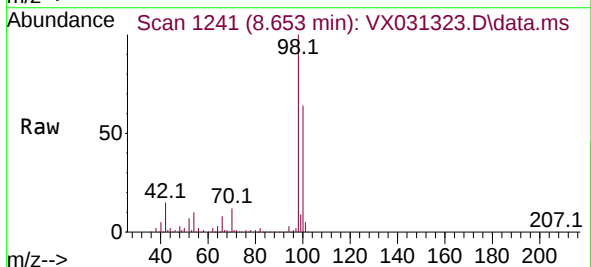


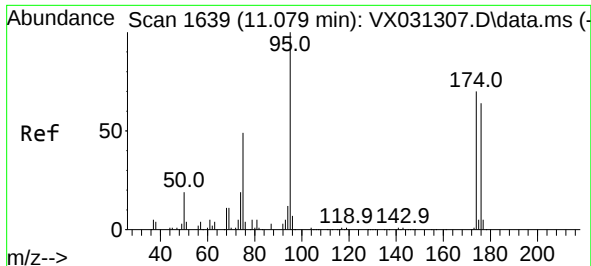
Tgt Ion:117 Resp: 6848
Ion Ratio Lower Upper
117 100
119 4.9 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 42.795 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

Tgt Ion: 98 Resp: 189552
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

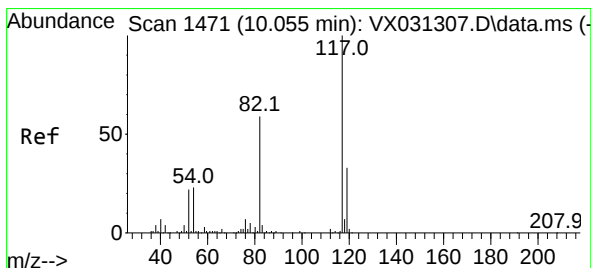
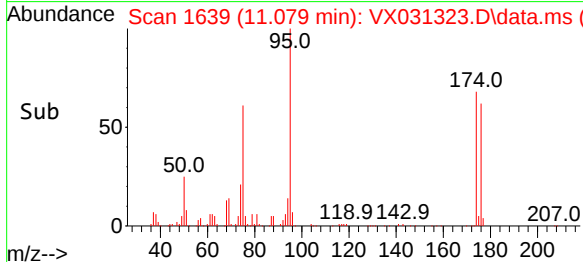
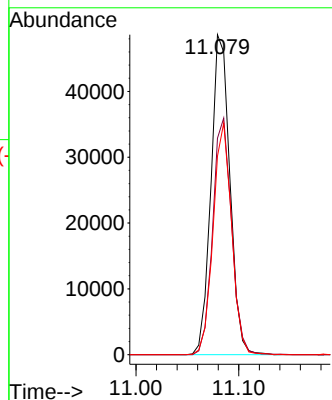
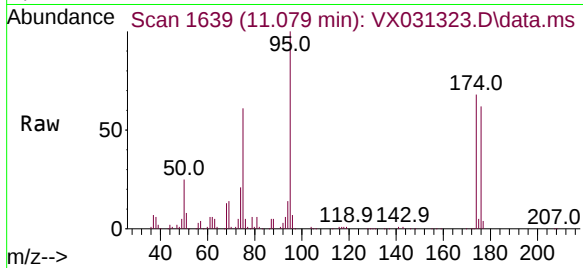




#62
4-Bromofluorobenzene
Concen: 38.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

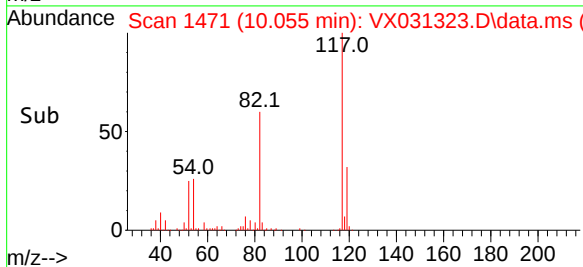
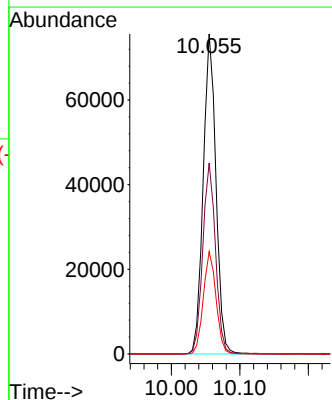
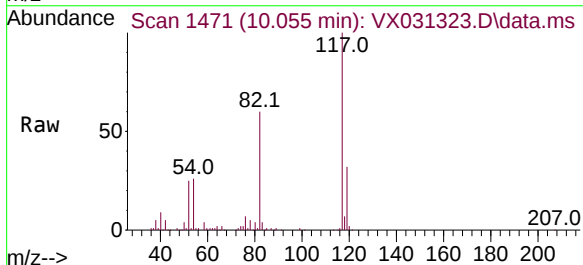
Instrument :
MSVOA_X
ClientSampleId :

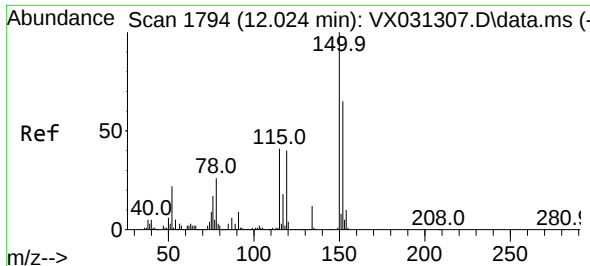
Tgt Ion: 95 Resp: 62099
Ion Ratio Lower Upper
95 100
174 73.7 0.0 153.2
176 70.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

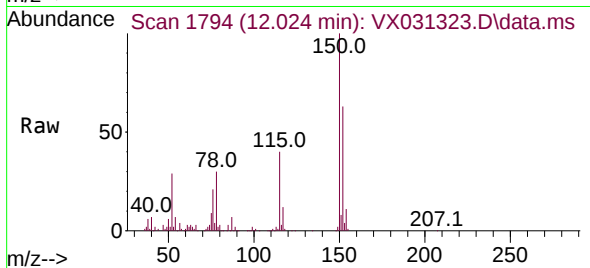
Tgt Ion: 117 Resp: 98171
Ion Ratio Lower Upper
117 100
82 59.7 46.8 70.2
119 32.0 26.4 39.6



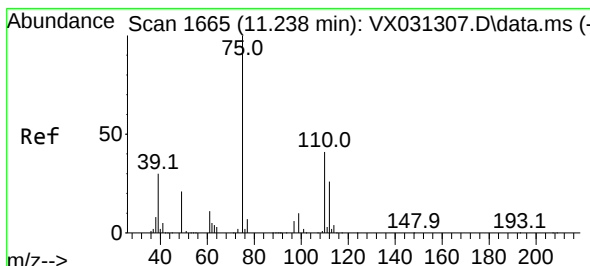
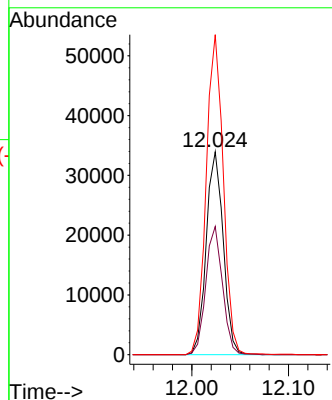
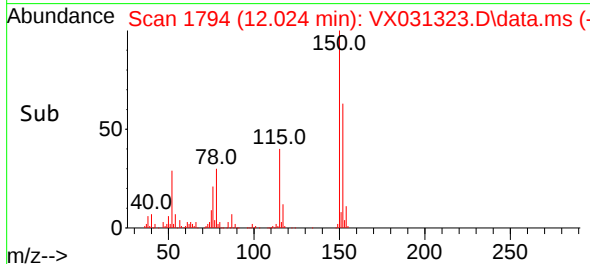


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

Instrument :
MSVOA_X
ClientSampleId :

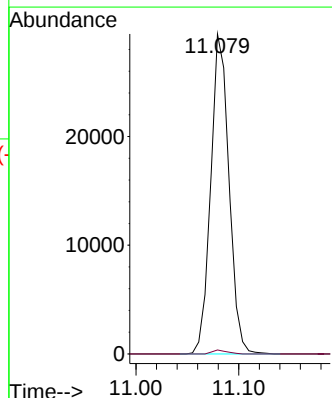
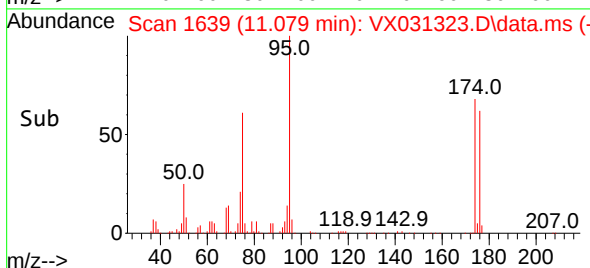
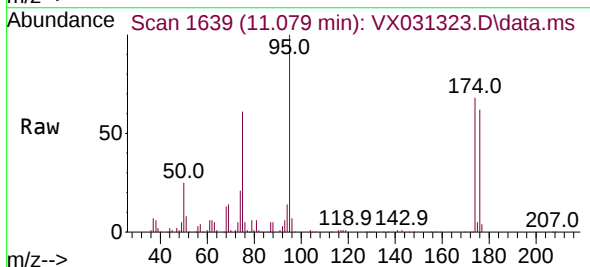


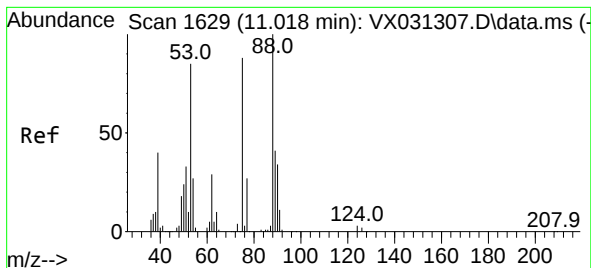
Tgt Ion:152 Resp: 41494
Ion Ratio Lower Upper
152 100
115 62.2 43.4 130.1
150 158.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 34.711 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031323.D
Acq: 14 Sep 2022 22:12

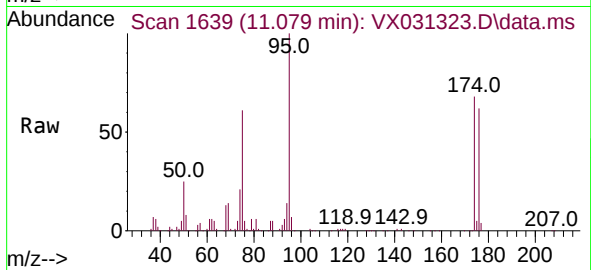
Tgt Ion: 75 Resp: 36296
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.047 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX031323.D
 Acq: 14 Sep 2022 22:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 36296
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

