

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031320.D
 Acq On : 14 Sep 2022 21:01
 Operator : JC/MD
 Sample : N4492-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-090122

Quant Time: Sep 15 06:06:12 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)

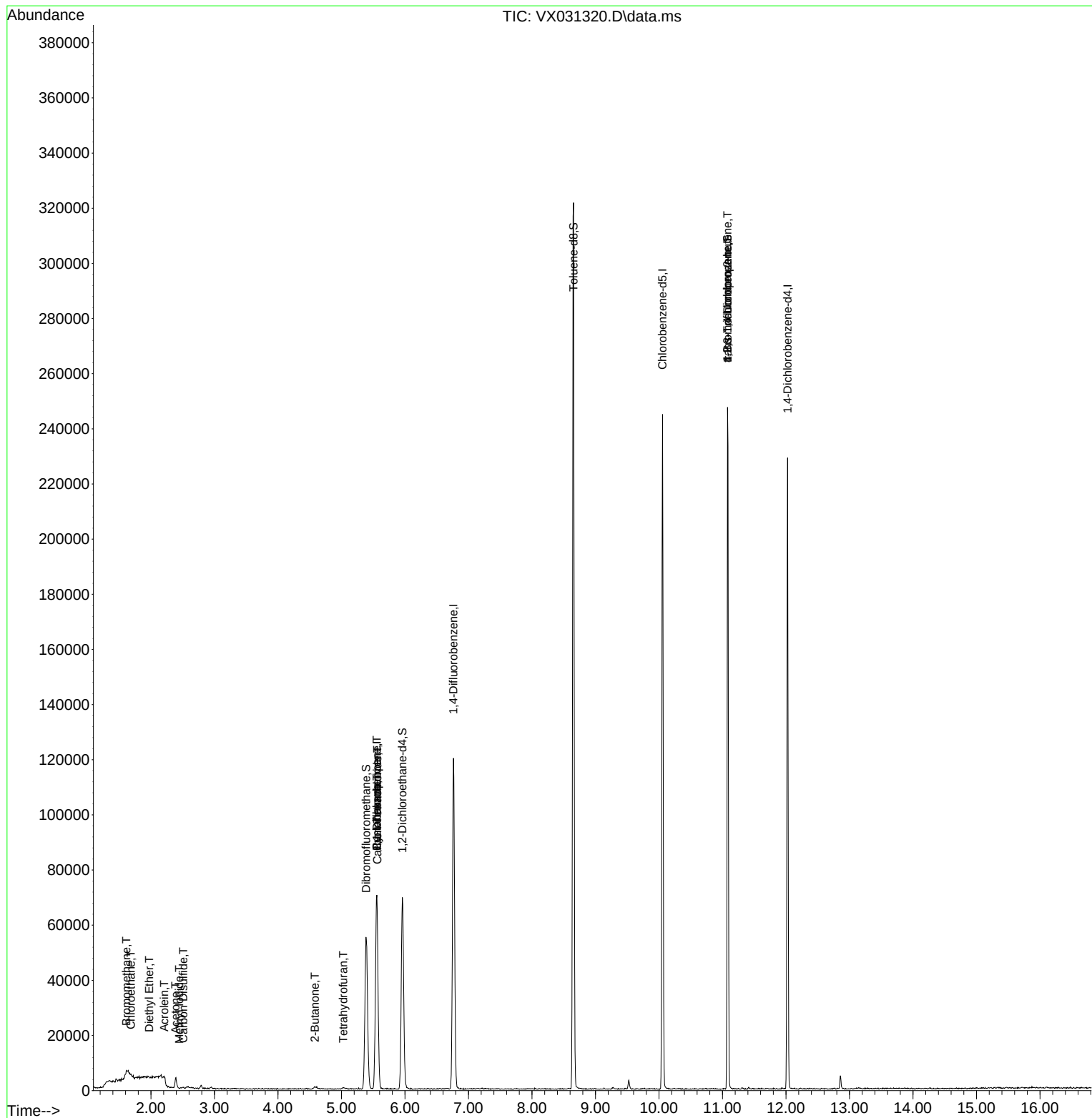
Internal Standards						
1) Pentafluorobenzene	5.556	168	62083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65675	43.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.200%		
35) Dibromofluoromethane	5.385	113	46870	38.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	77.240%		
50) Toluene-d8	8.653	98	183247	40.256	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	80.520%#		
62) 4-Bromofluorobenzene	11.079	95	60796	36.472	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	72.940%#		
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	120	Below Cal	#	76
5) Bromomethane	1.612	94	323	0.397	ug/l #	78
6) Chloroethane	1.685	64	422	0.512	ug/l #	43
8) Diethyl Ether	1.971	74	79	0.612	ug/l	73
10) Methyl Iodide	2.447	142	23	0.931	ug/l #	38
11) Tert butyl alcohol	2.941	59	410	Below Cal	#	73
13) Acrolein	2.209	56	274	1.558	ug/l #	15
16) Acetone	2.386	43	4681	7.196	ug/l	92
17) Carbon Disulfide	2.508	76	564	1.147	ug/l #	75
20) Methylene Chloride	2.788	84	409	Below Cal	#	65
21) trans-1,2-Dichloroethene	3.099	96	46	Below Cal	#	1
25) 2-Butanone	4.581	43	1391	1.296	ug/l #	49
29) Tetrahydrofuran	5.026	42	543	0.817	ug/l #	39
31) Cyclohexane	5.556	56	1847	1.128	ug/l #	49
36) 1,1-Dichloropropene	5.556	75	5590	3.366	ug/l #	49
38) Carbon Tetrachloride	5.562	117	6629	3.672	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	35944	34.135	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35944	94.451	ug/l #	11

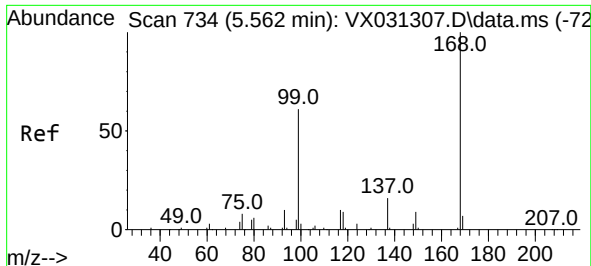
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

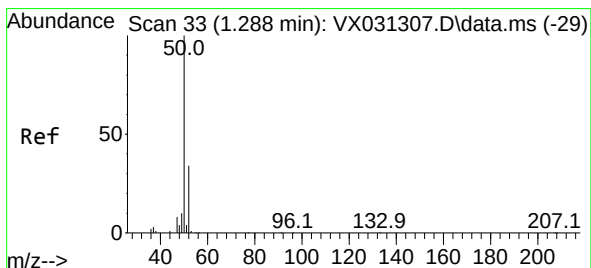
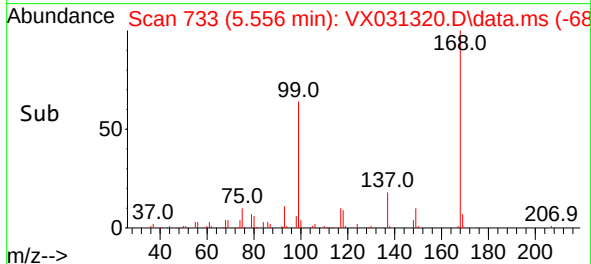
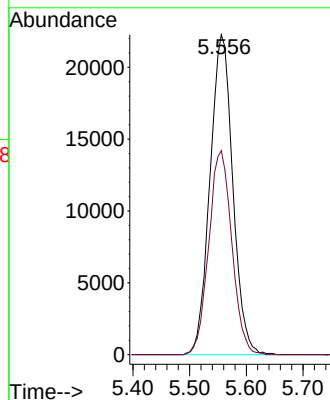
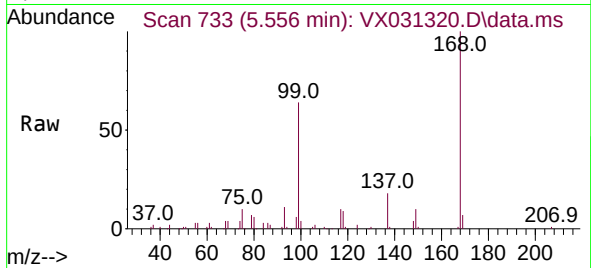




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

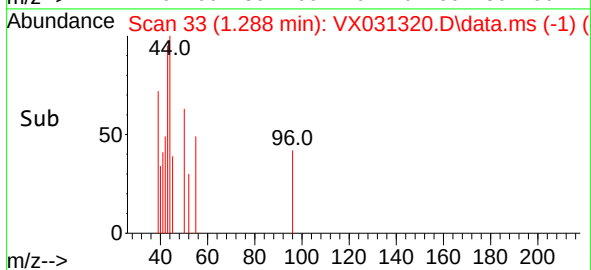
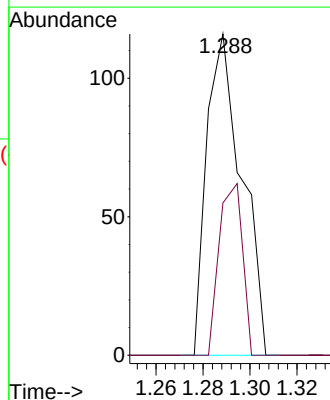
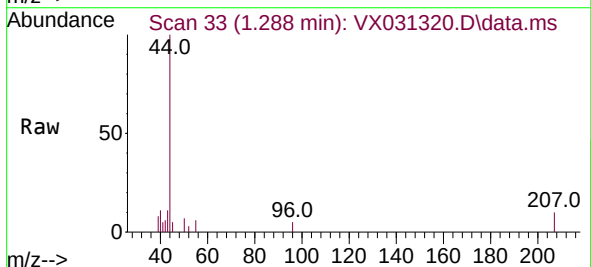
Instrument :
MSVOA_X
ClientSampleId :
EB02-090122

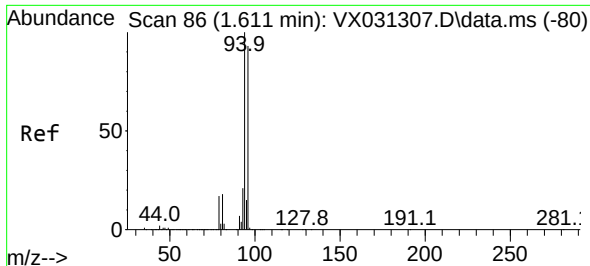
Tgt Ion:168 Resp: 62083
Ion Ratio Lower Upper
168 100
99 63.8 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Tgt Ion: 50 Resp: 120
Ion Ratio Lower Upper
50 100
52 47.4 26.9 40.3#

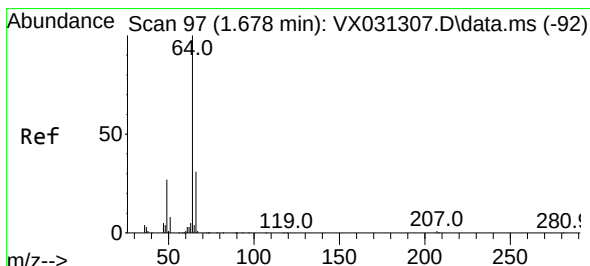
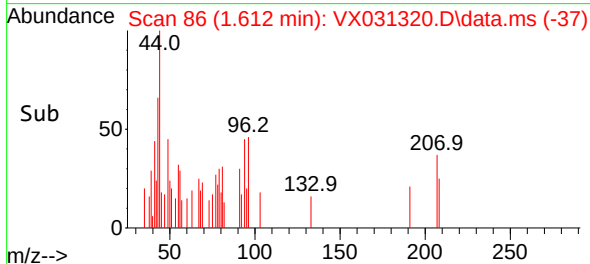
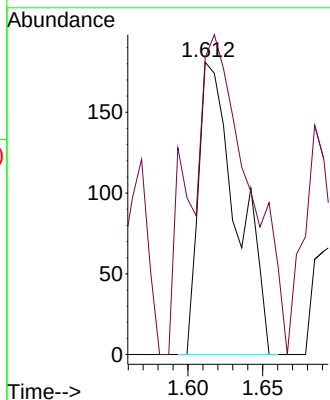
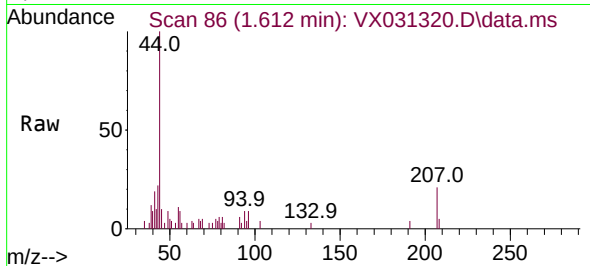




#5
Bromomethane
Concen: 0.397 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

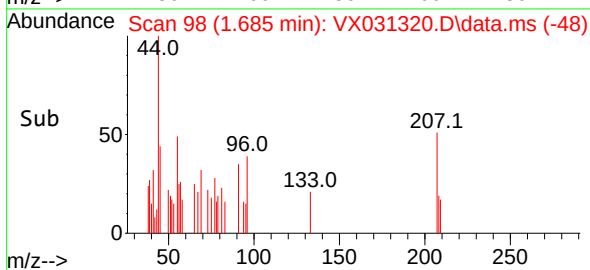
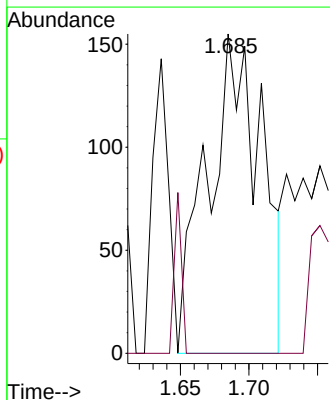
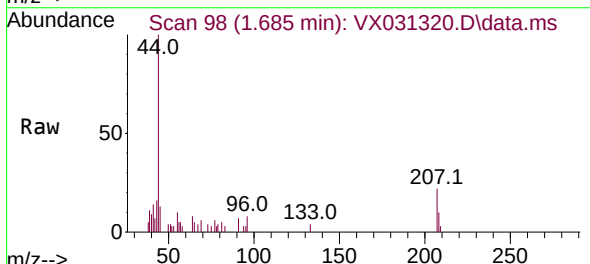
Instrument :
MSVOA_X
ClientSampleId :
EB02-090122

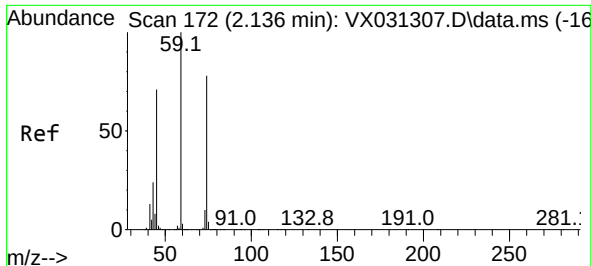
Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 71.8 74.4 111.6#



#6
Chloroethane
Concen: 0.512 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Tgt Ion: 64 Resp: 422
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

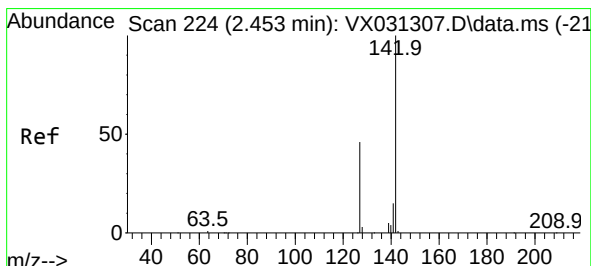
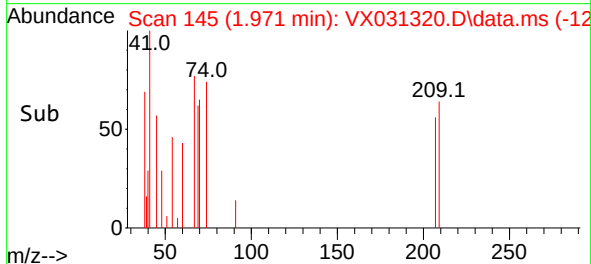
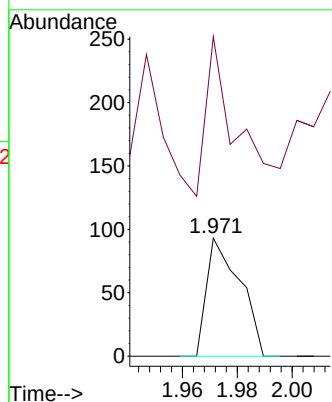
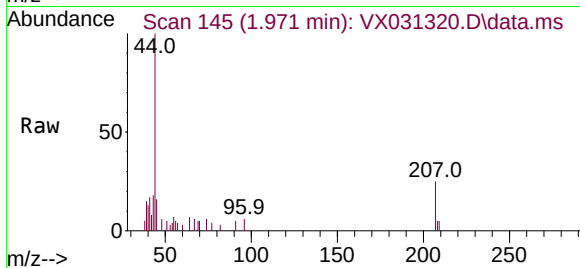




#8
Diethyl Ether
Concen: 0.612 ug/l
RT: 1.971 min Scan# 14
Delta R.T. -0.165 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

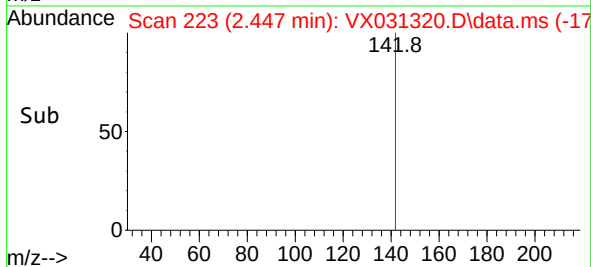
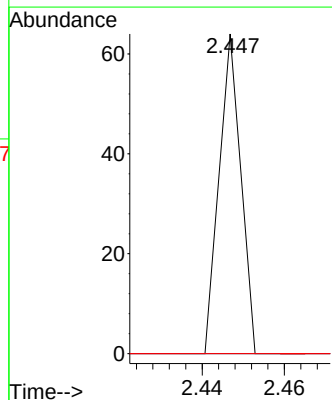
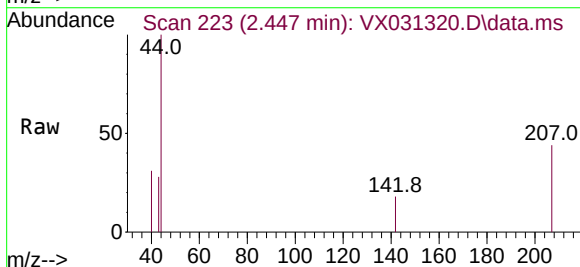
Instrument :
MSVOA_X
ClientSampleId :
EB02-090122

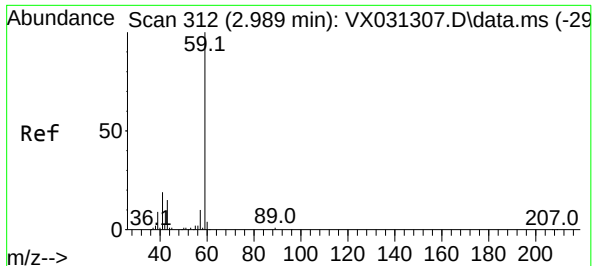
Tgt Ion: 74 Resp: 79
Ion Ratio Lower Upper
74 100
45 124.1 48.5 145.6



#10
Methyl Iodide
Concen: 0.931 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Tgt Ion: 142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.048 min

Lab File: VX031320.D

Acq: 14 Sep 2022 21:01

Instrument :

MSVOA_X

ClientSampleId :

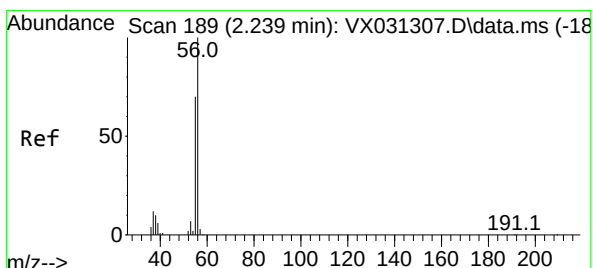
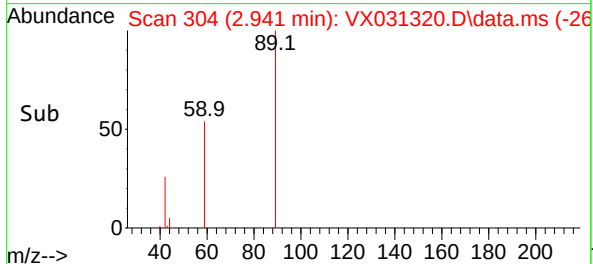
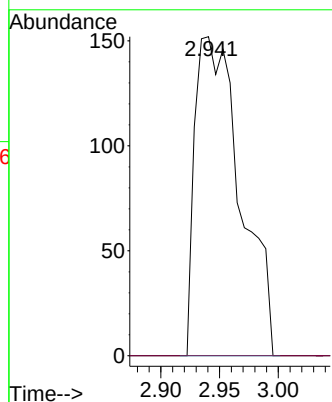
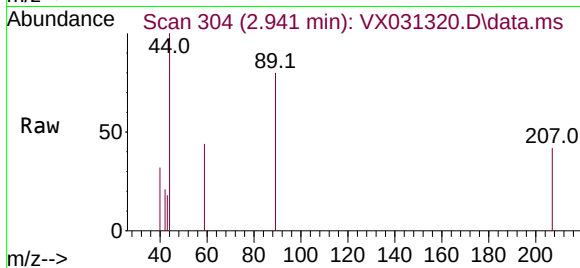
EB02-090122

Tgt Ion: 59 Resp: 410

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 1.558 ug/l

RT: 2.209 min Scan# 184

Delta R.T. -0.030 min

Lab File: VX031320.D

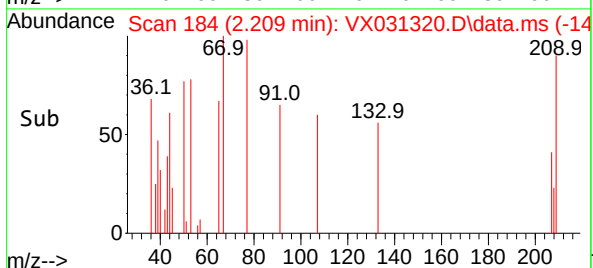
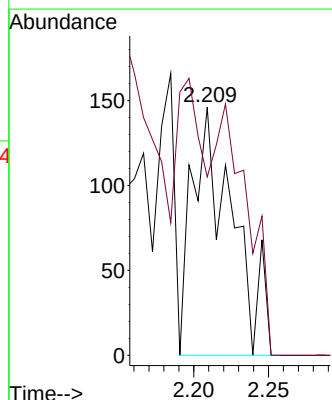
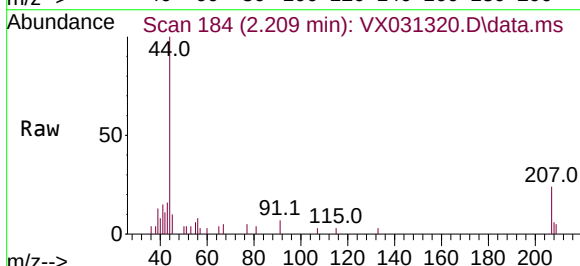
Acq: 14 Sep 2022 21:01

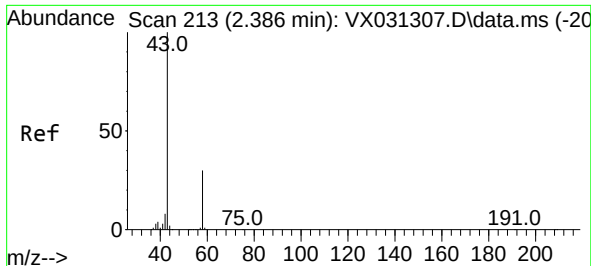
Tgt Ion: 56 Resp: 274

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#

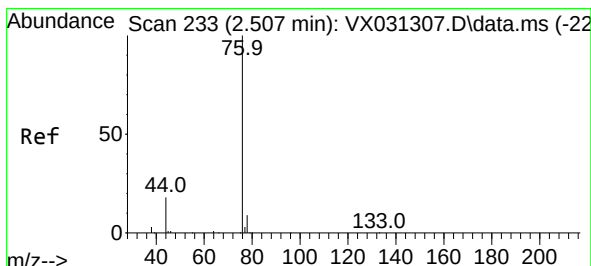
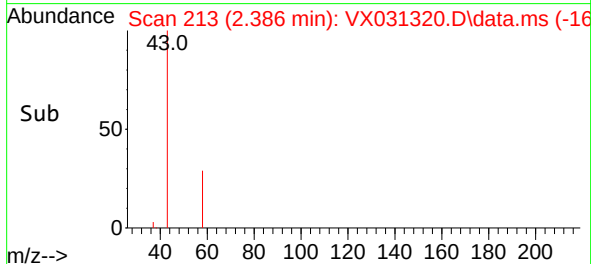
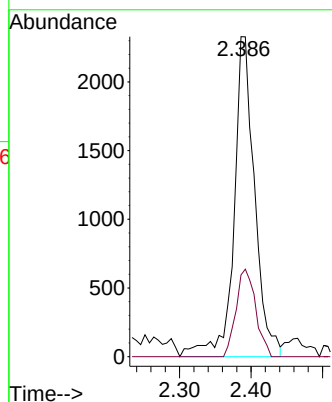
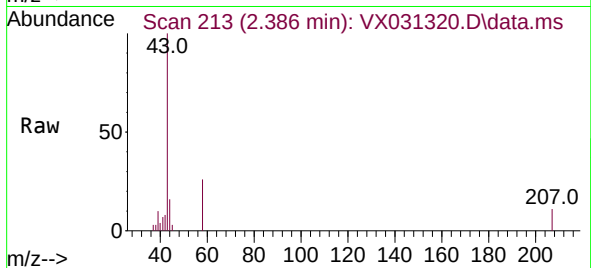




#16
Acetone
Concen: 7.196 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

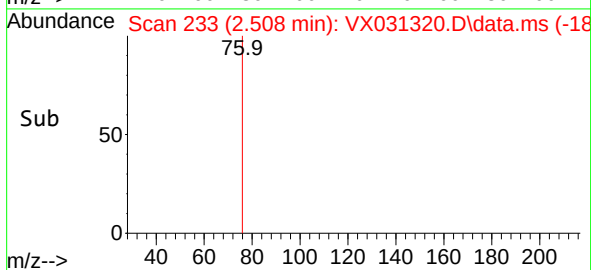
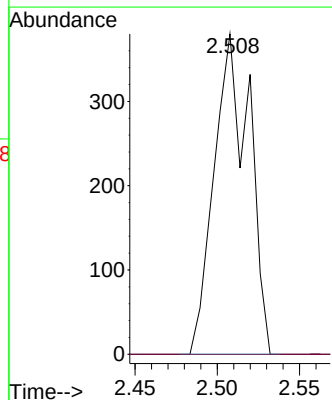
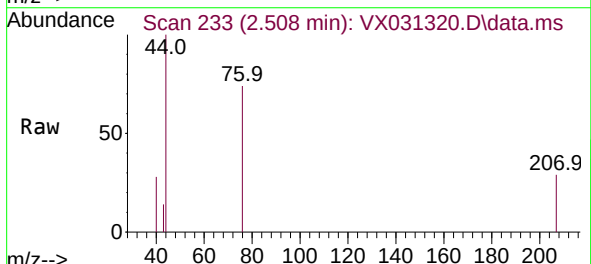
Instrument :
MSVOA_X
ClientSampleId :
EB02-090122

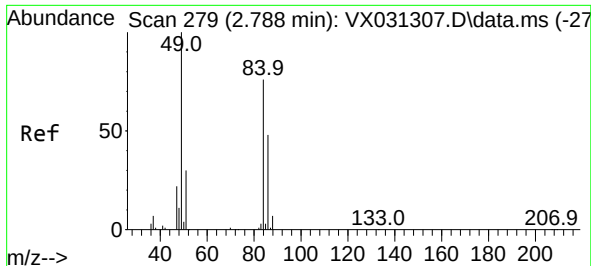
Tgt Ion: 43 Resp: 4681
Ion Ratio Lower Upper
43 100
58 25.5 23.8 35.8



#17
Carbon Disulfide
Concen: 1.147 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.001 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Tgt Ion: 76 Resp: 564
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031320.D

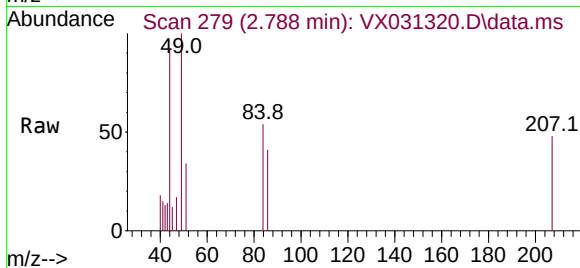
Acq: 14 Sep 2022 21:01

Instrument :

MSVOA_X

ClientSampleId :

EB02-090122



Tgt Ion: 84 Resp: 409

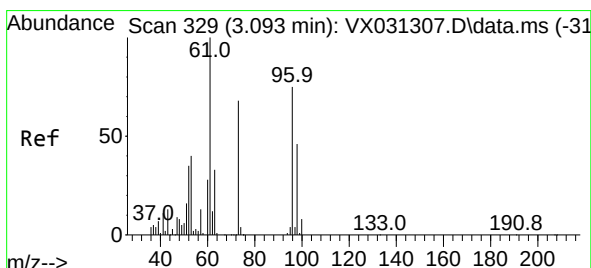
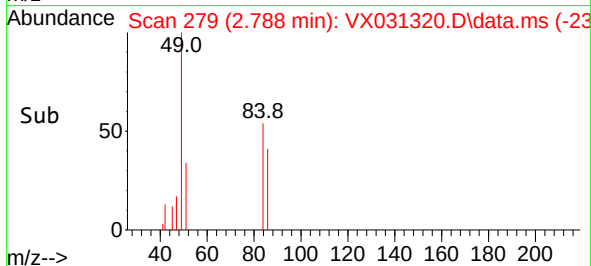
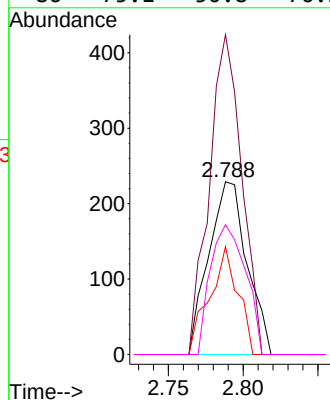
Ion Ratio Lower Upper

84 100

49 185.2 105.9 158.9#

51 62.4 32.2 48.2#

86 75.1 50.8 76.2



#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX031320.D

Acq: 14 Sep 2022 21:01

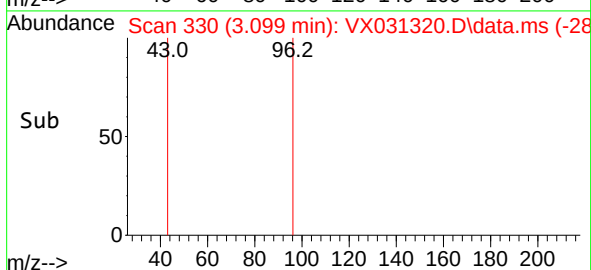
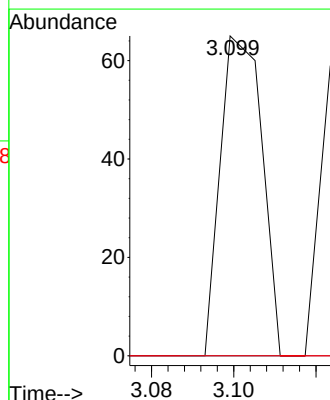
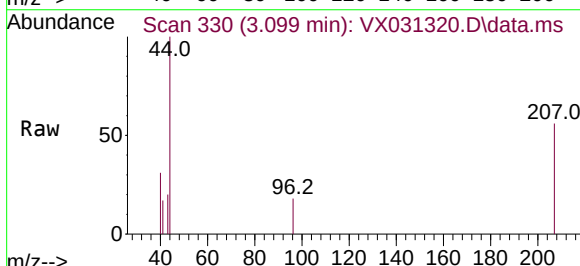
Tgt Ion: 96 Resp: 46

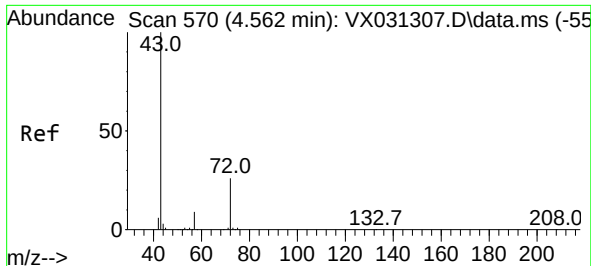
Ion Ratio Lower Upper

96 100

61 0.0 106.7 160.1#

98 0.0 48.7 73.1#

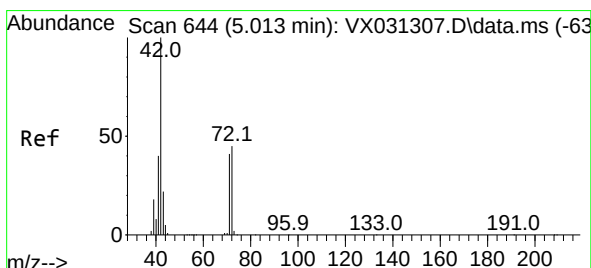
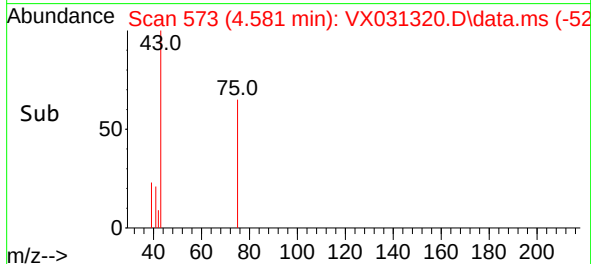
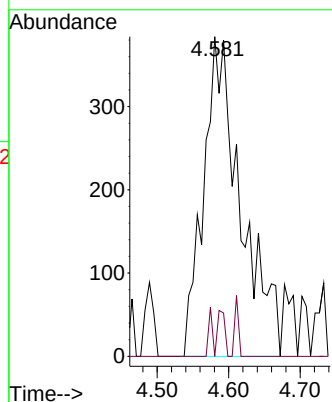
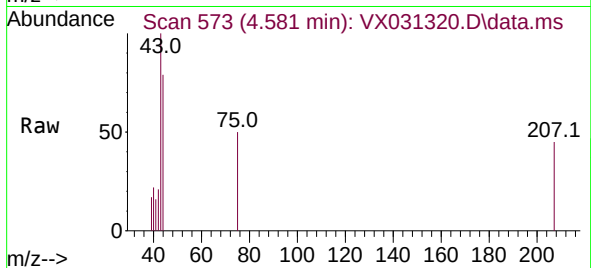




#25
2-Butanone
Concen: 1.296 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

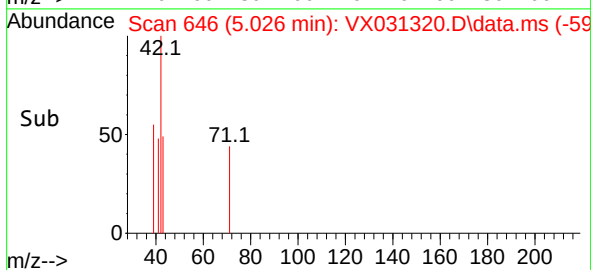
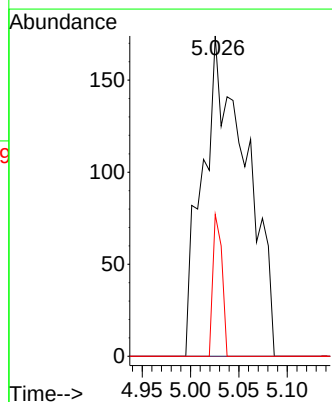
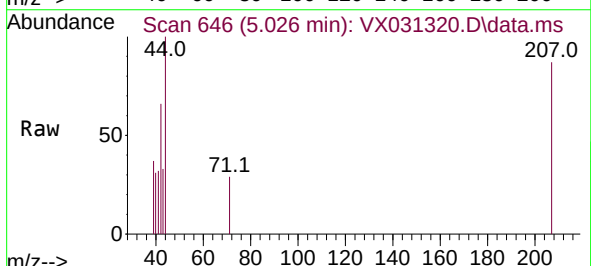
Instrument :
MSVOA_X
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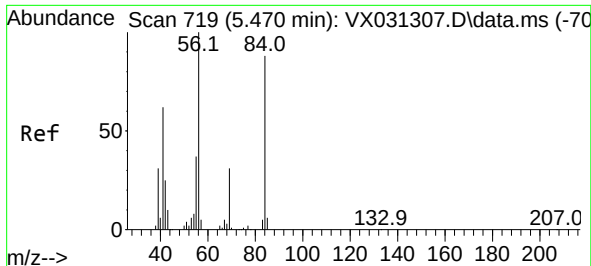
Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#29
Tetrahydrofuran
Concen: 0.817 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Tgt Ion: 42 Resp: 543
Ion Ratio Lower Upper
42 100
72 0.0 36.4 54.6#
71 9.2 33.5 50.3#

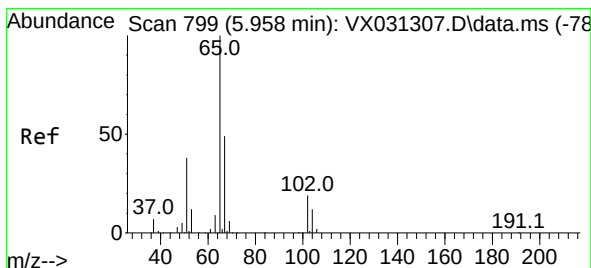
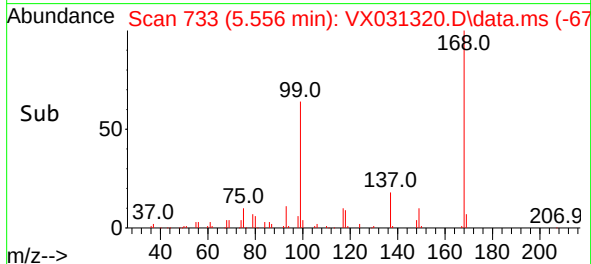
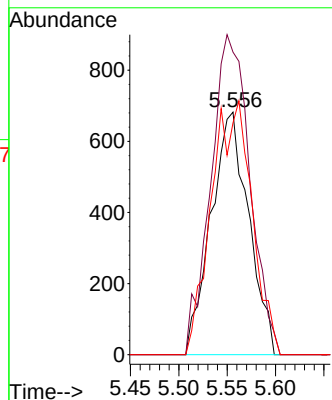
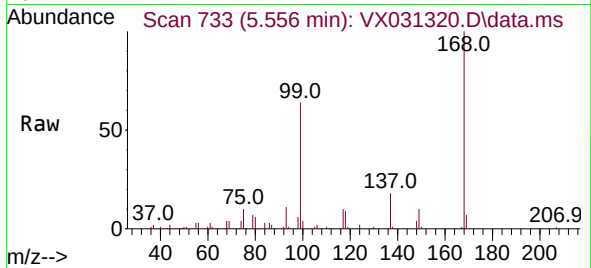




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

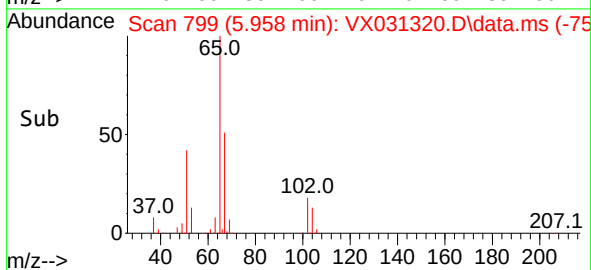
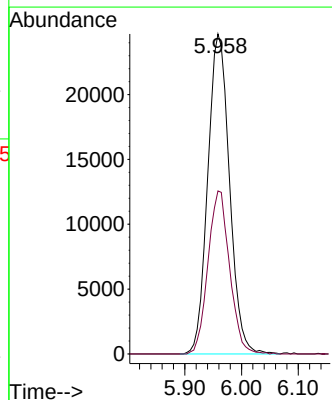
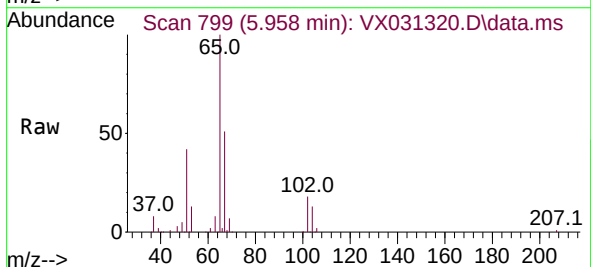
Instrument :
MSVOA_X
ClientSampleId :
EB02-090122

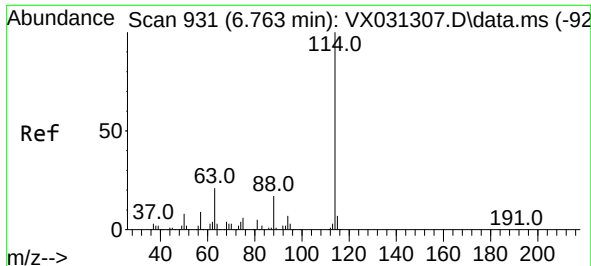
Tgt Ion: 56 Resp: 1847
Ion Ratio Lower Upper
56 100
69 124.8 25.1 37.7#
84 95.6 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 43.098 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Tgt Ion: 65 Resp: 65675
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.4

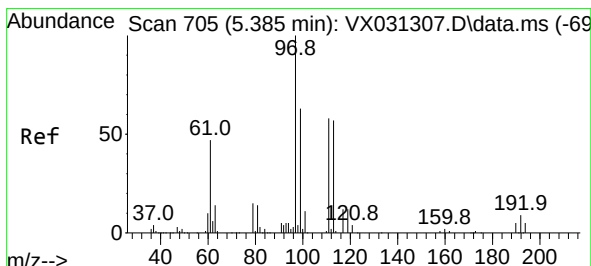
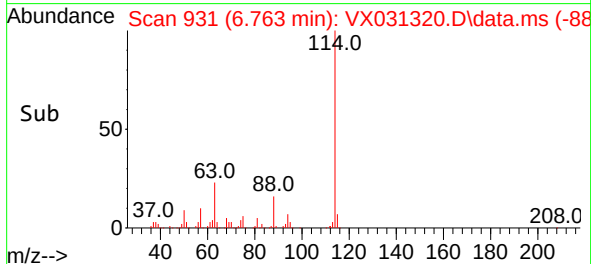
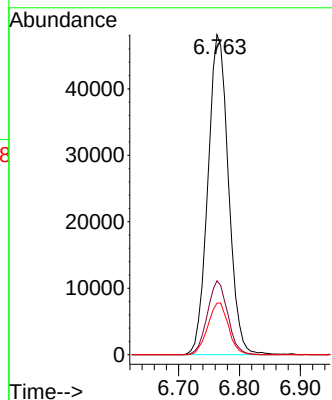
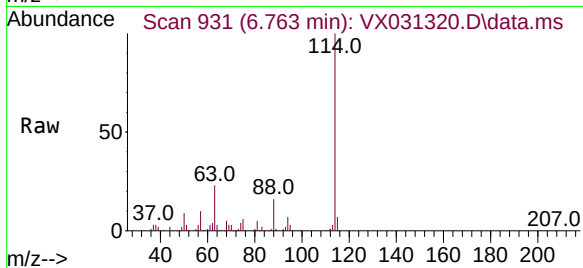




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

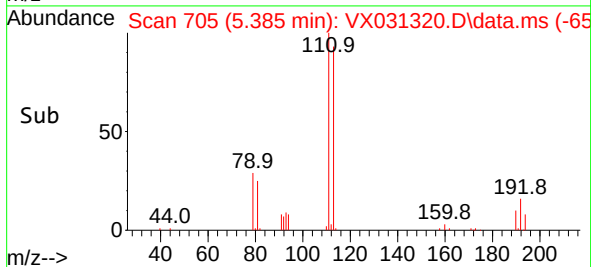
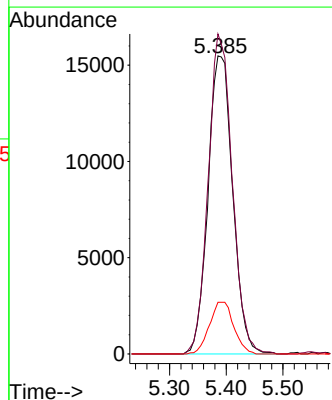
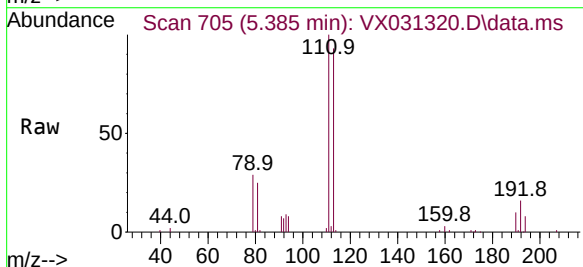
Instrument :
MSVOA_X
ClientSampleId :
EB02-090122

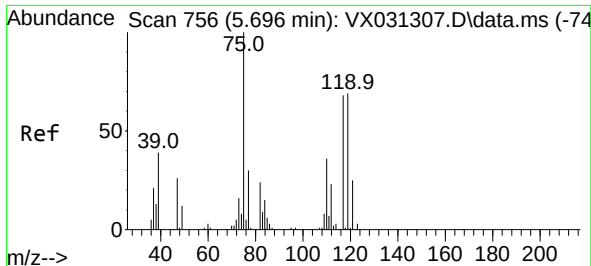
Tgt Ion:114 Resp: 112891
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.6
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 38.624 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Tgt Ion:113 Resp: 46870
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 17.1 14.1 21.1

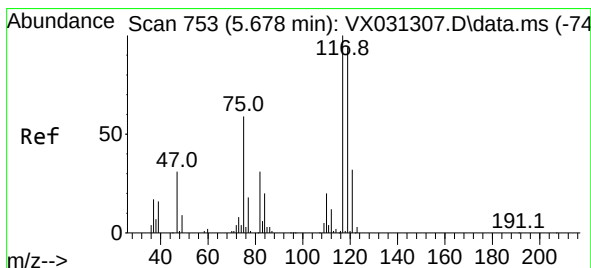
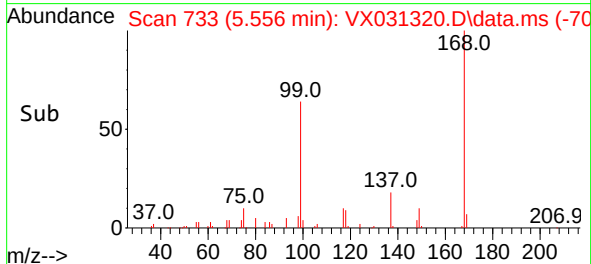
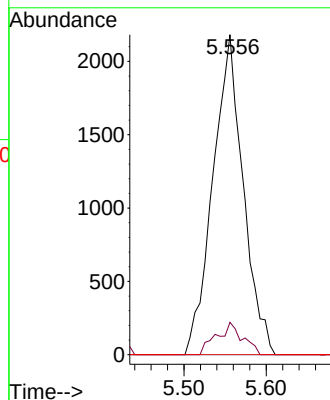
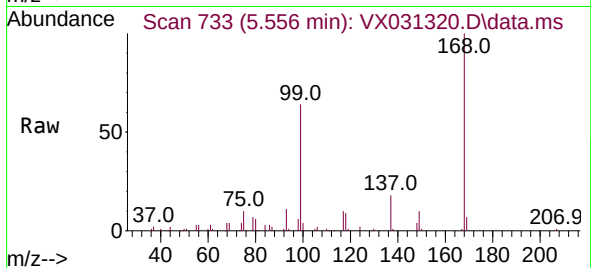




#36
1,1-Dichloropropene
Concen: 3.366 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

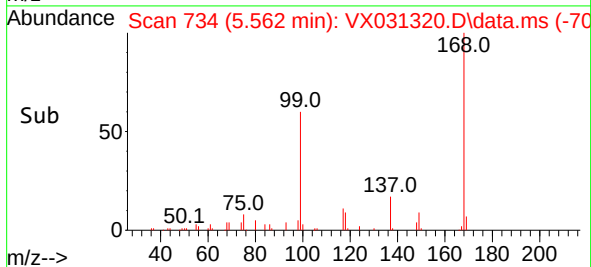
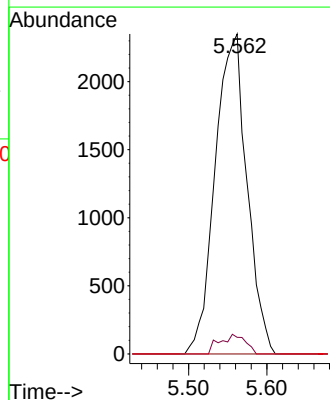
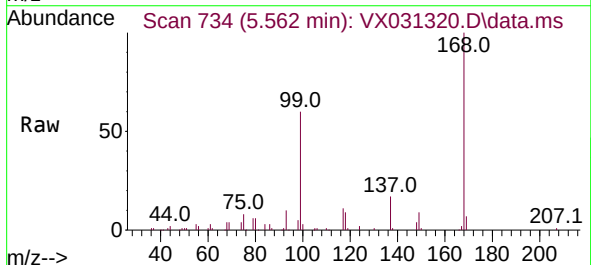
Instrument :
MSVOA_X
ClientSampleId :
EB02-090122

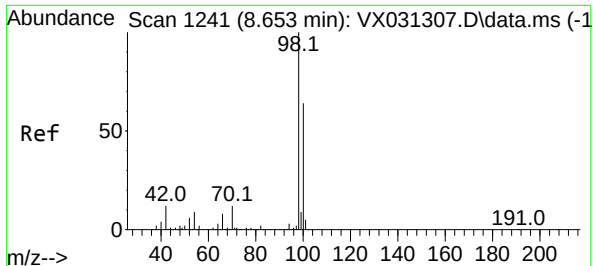
Tgt Ion: 75 Resp: 5590
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.672 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Tgt Ion: 117 Resp: 6629
Ion Ratio Lower Upper
117 100
119 5.2 74.6 112.0#
121 0.0 25.3 37.9#

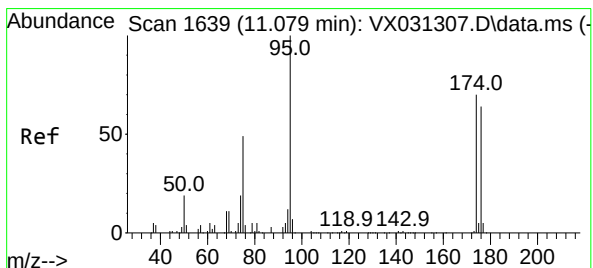
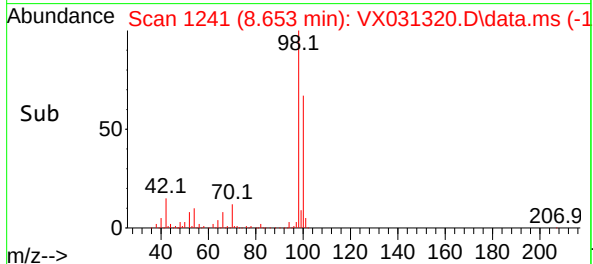
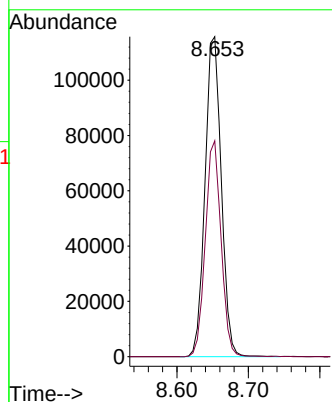
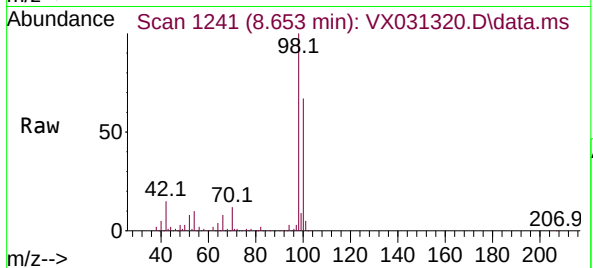




#50
Toluene-d8
Concen: 40.256 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

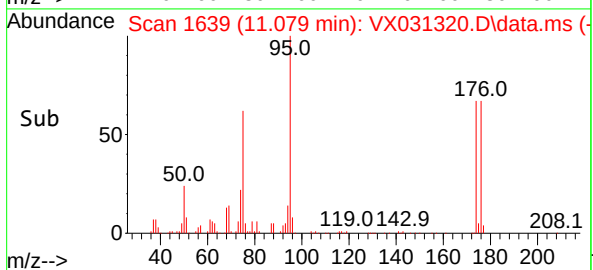
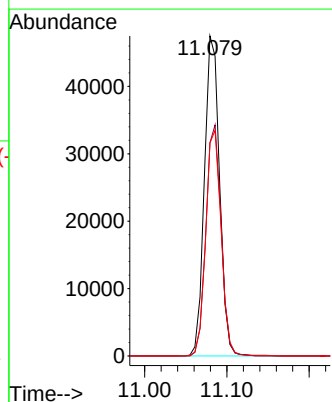
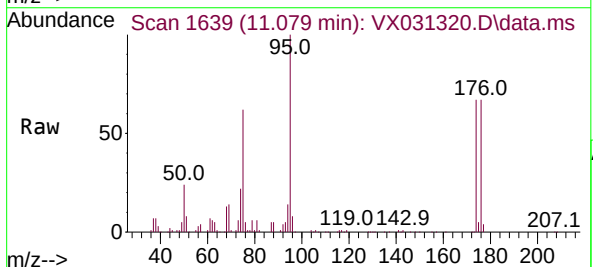
Instrument :
MSVOA_X
ClientSampleId :
EB02-090122

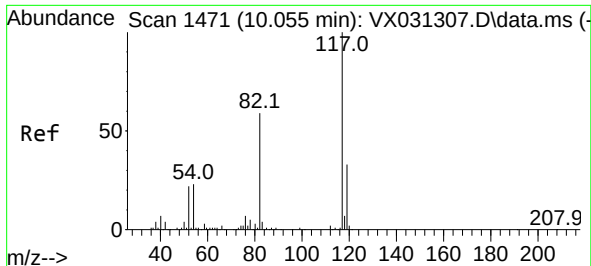
Tgt Ion: 98 Resp: 183247
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 36.472 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Tgt Ion: 95 Resp: 60796
Ion Ratio Lower Upper
95 100
174 72.4 0.0 153.2
176 71.2 0.0 144.0

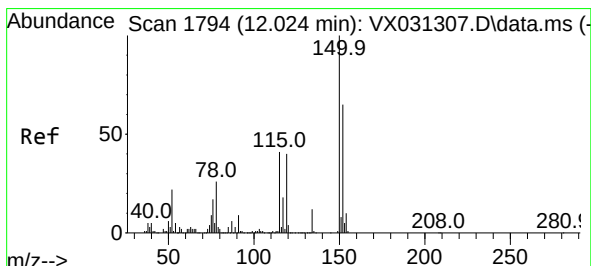
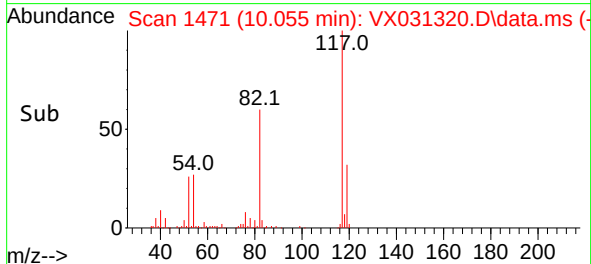
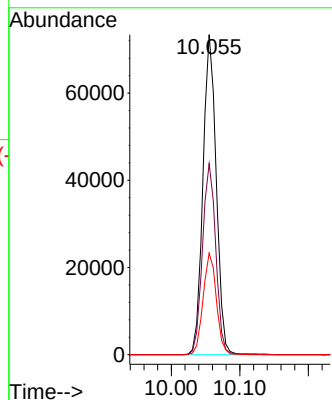
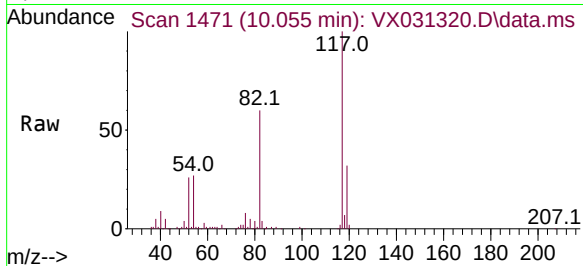




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

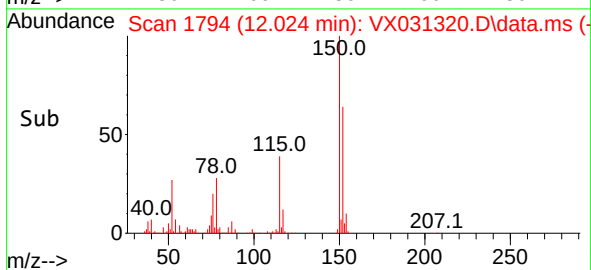
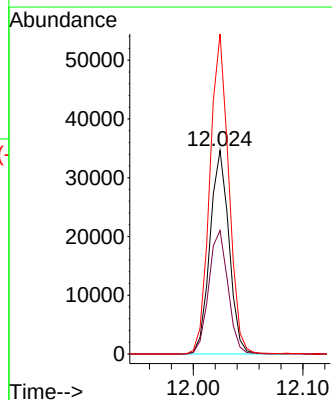
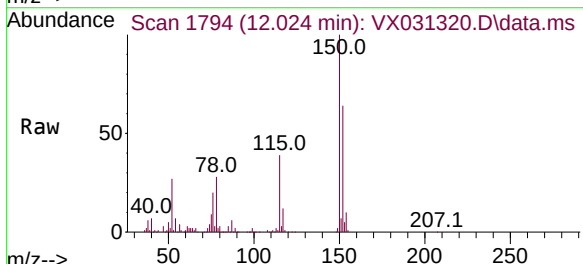
Instrument :
MSVOA_X
ClientSampleId :
EB02-090122

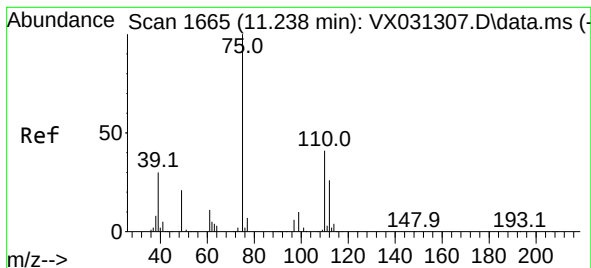
Tgt Ion:117 Resp: 99177
Ion Ratio Lower Upper
117 100
82 59.7 46.8 70.2
119 31.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Tgt Ion:152 Resp: 41786
Ion Ratio Lower Upper
152 100
115 61.3 43.4 130.1
150 156.2 0.0 346.8

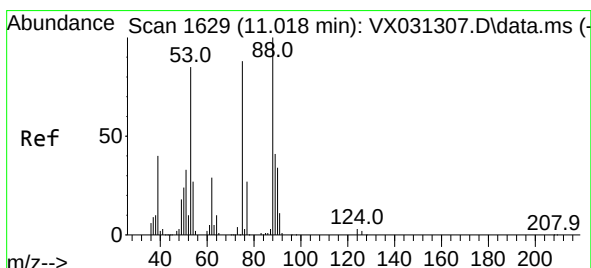
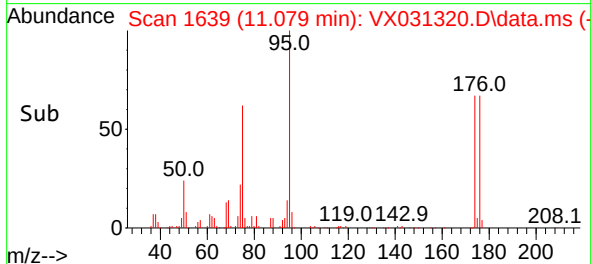
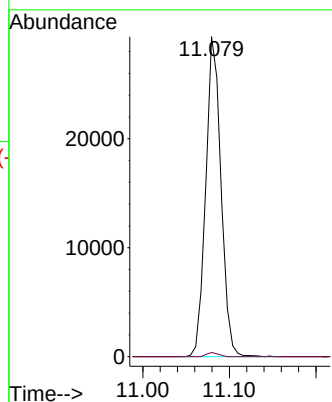
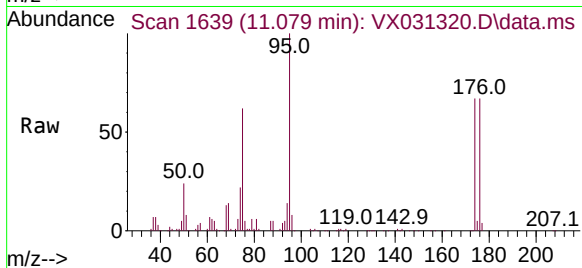




#76
1,2,3-Trichloropropane
Concen: 34.135 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
EB02-090122

Tgt Ion: 75 Resp: 35944
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031320.D
Acq: 14 Sep 2022 21:01

Tgt Ion: 75 Resp: 35944
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

