

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030896.D
 Acq On : 28 Aug 2022 02:27
 Operator : JC/MD
 Sample : N4360-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20220823

Quant Time: Aug 29 01:15:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

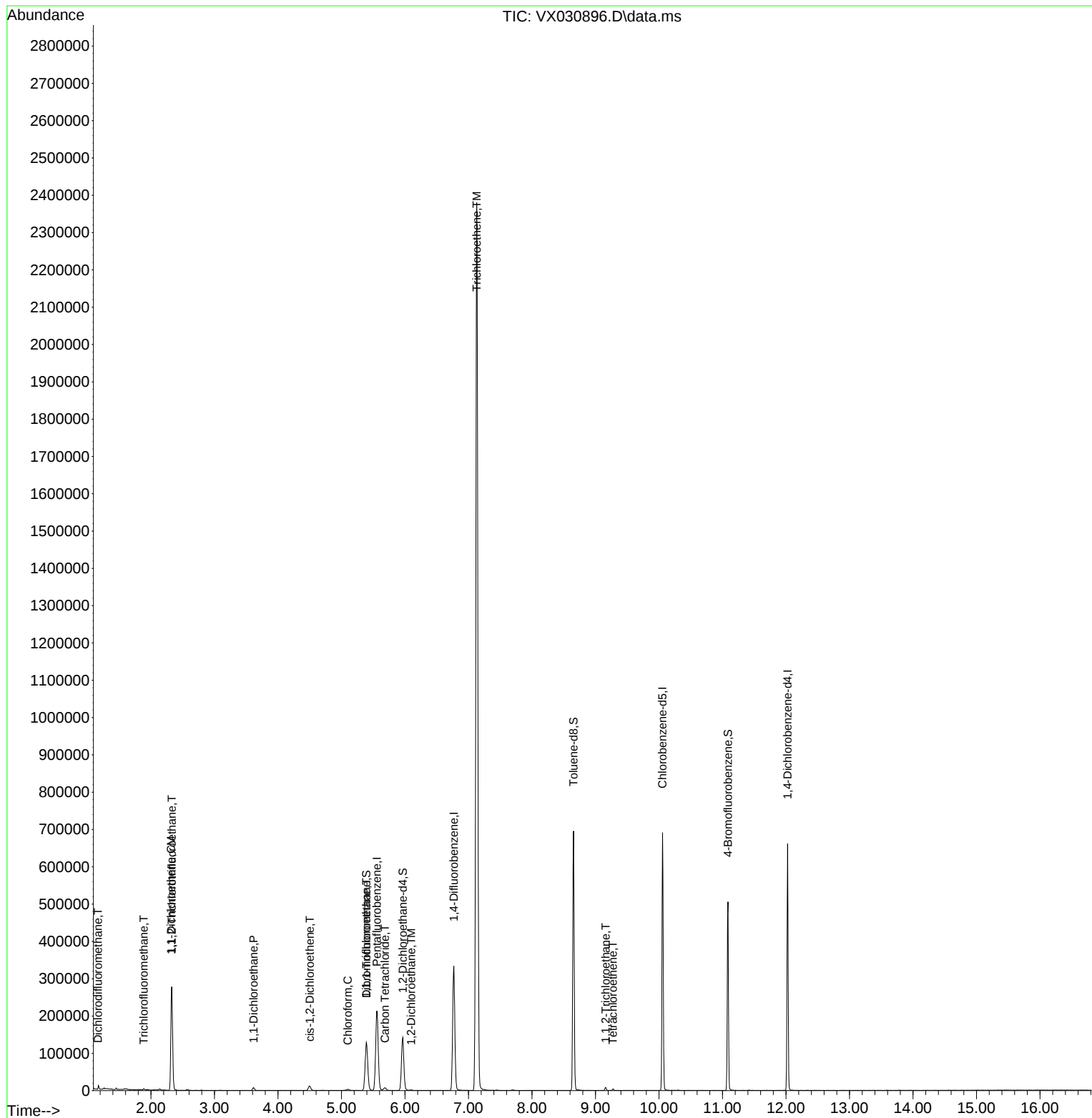
Internal Standards						
1) Pentafluorobenzene	5.556	168	190877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137523	61.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.500%	
35) Dibromofluoromethane	5.391	113	105648	51.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.340%	
50) Toluene-d8	8.653	98	398144	55.877	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.760%	
62) 4-Bromofluorobenzene	11.085	95	133553	50.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	962	0.544	ug/l	91
7) Trichlorofluoromethane	1.886	101	1550	0.530	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	69853	37.579	ug/l	97
12) 1,1-Dichloroethene	2.319	96	39809	23.008	ug/l #	83
24) 1,1-Dichloroethane	3.617	63	8120	2.228	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	7591	3.306	ug/l	96
30) Chloroform	5.099	83	3498	0.912	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	6600	2.128	ug/l	97
38) Carbon Tetrachloride	5.684	117	6579	2.240	ug/l #	94
42) 1,2-Dichloroethane	6.099	62	1572	0.532	ug/l	76
44) Trichloroethene	7.129	130	884106	367.344	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	2179	0.943	ug/l	96
64) Tetrachloroethene	9.275	164	658	0.284	ug/l #	86

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

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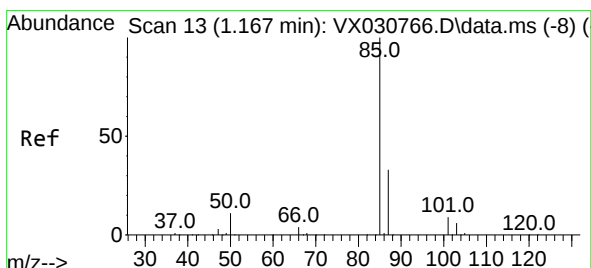
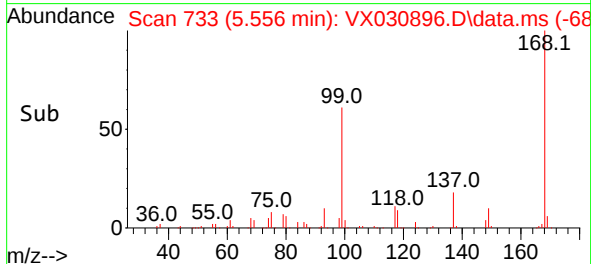
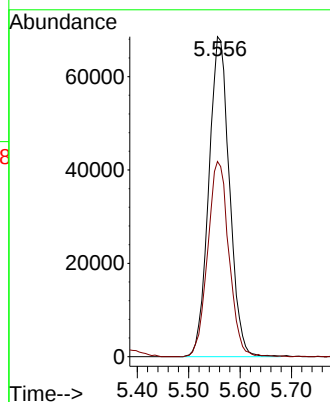
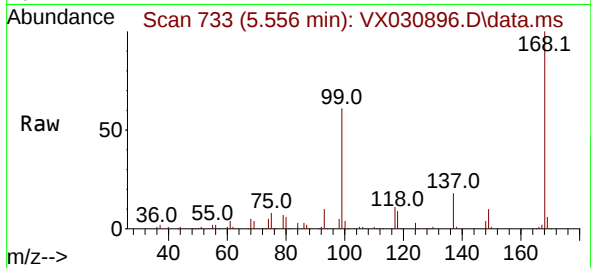




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030896.D
Acq: 28 Aug 2022 02:27

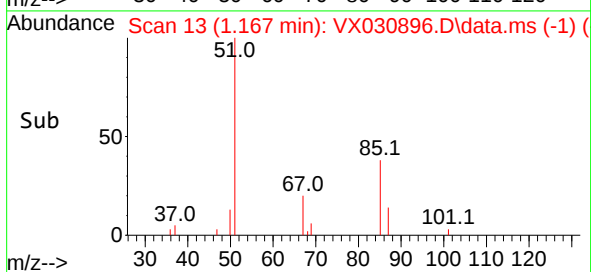
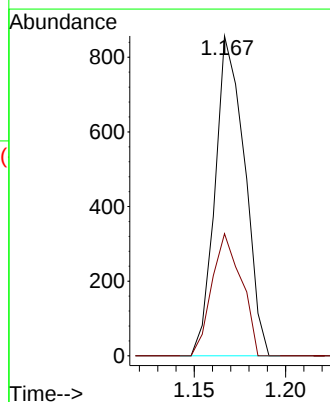
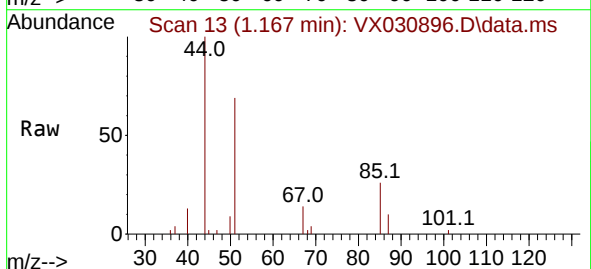
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823

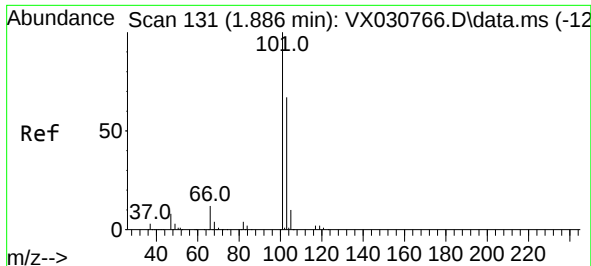
Tgt Ion:168 Resp: 190877
Ion Ratio Lower Upper
168 100
99 61.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.544 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX030896.D
Acq: 28 Aug 2022 02:27

Tgt Ion: 85 Resp: 962
Ion Ratio Lower Upper
85 100
87 38.2 16.5 49.5

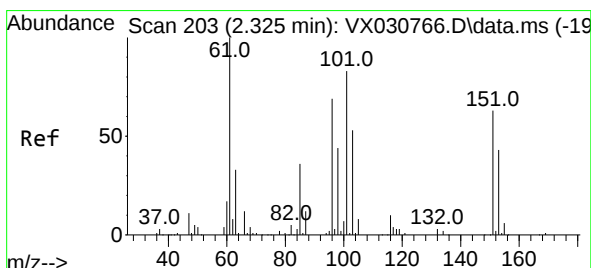
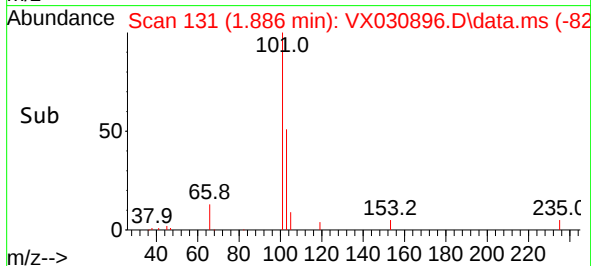
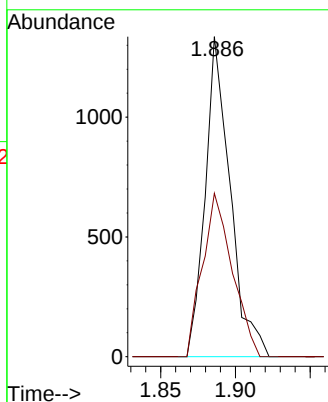
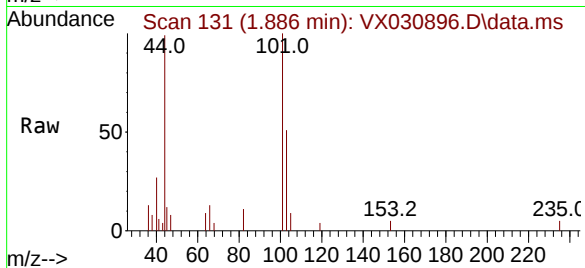




#7
 Trichlorofluoromethane
 Concen: 0.530 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030896.D
 Acq: 28 Aug 2022 02:27

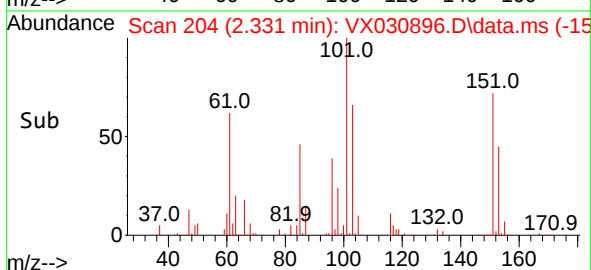
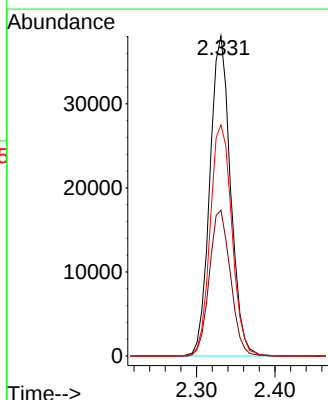
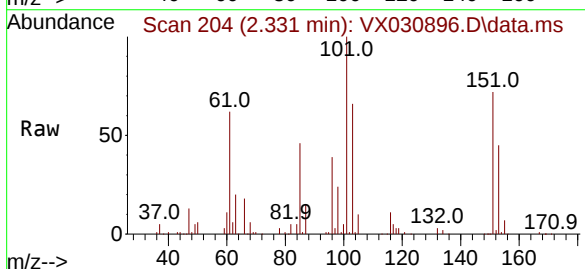
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20220823

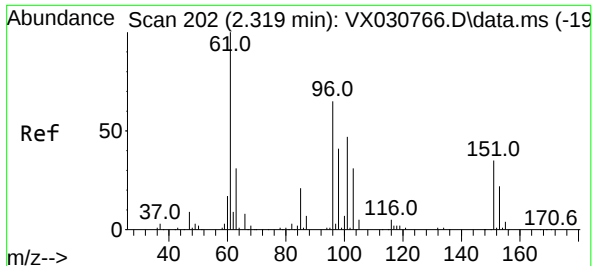
Tgt Ion:101 Resp: 1550
 Ion Ratio Lower Upper
 101 100
 103 51.0 49.7 74.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 37.579 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX030896.D
 Acq: 28 Aug 2022 02:27

Tgt Ion:101 Resp: 69853
 Ion Ratio Lower Upper
 101 100
 85 46.4 34.0 51.0
 151 75.8 59.4 89.0





#12

1,1-Dichloroethene

Concen: 23.008 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX030896.D

Acq: 28 Aug 2022 02:27

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20220823

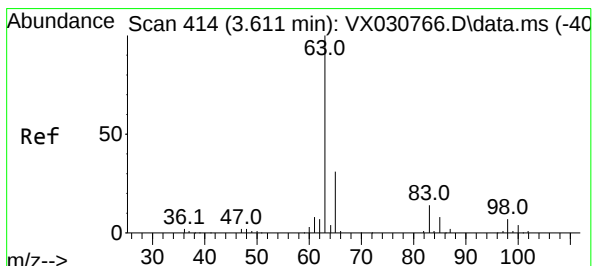
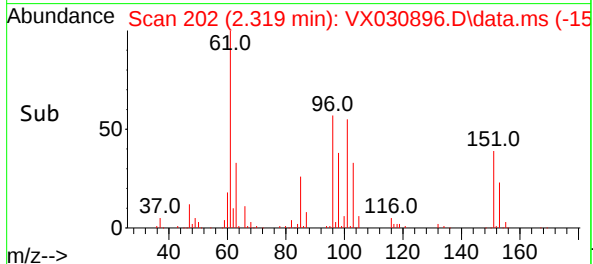
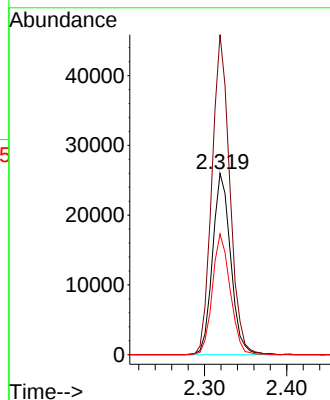
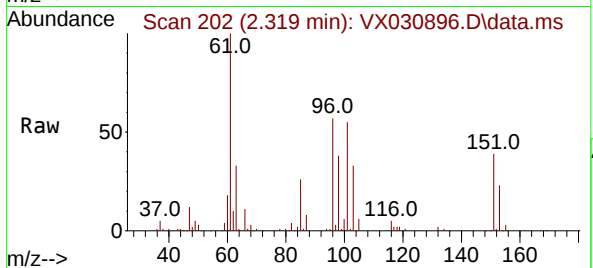
Tgt Ion: 96 Resp: 39809

Ion Ratio Lower Upper

96 100

61 176.6 117.4 176.0#

98 66.6 52.2 78.4



#24

1,1-Dichloroethane

Concen: 2.228 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX030896.D

Acq: 28 Aug 2022 02:27

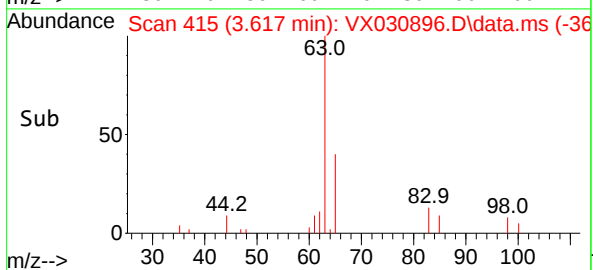
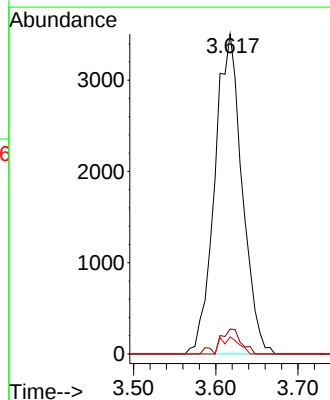
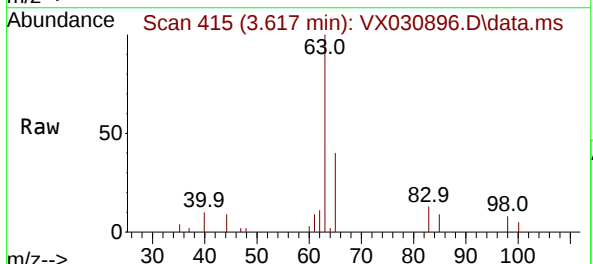
Tgt Ion: 63 Resp: 8120

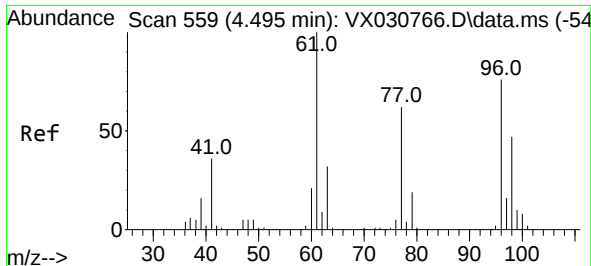
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.5

100 5.4 2.3 6.9

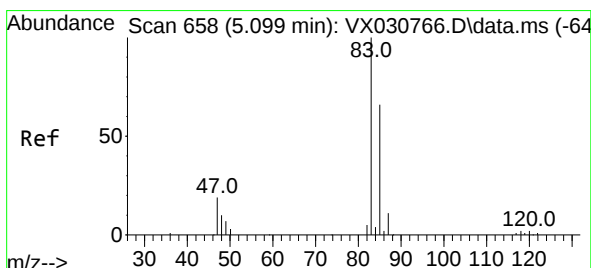
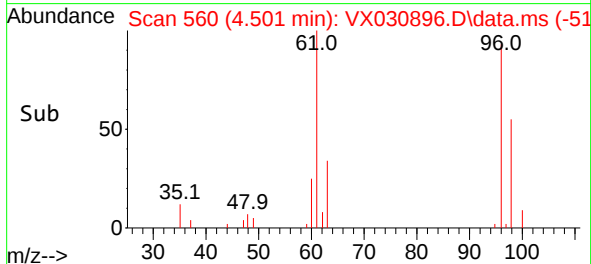
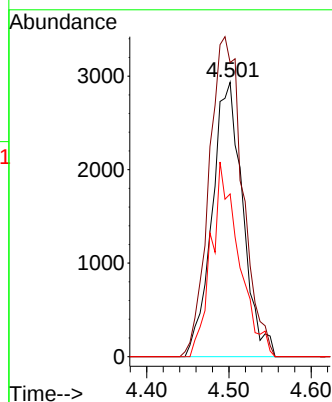
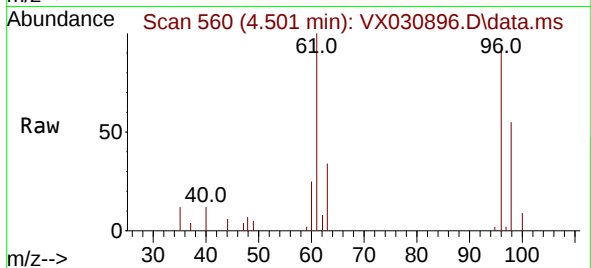




#27
 cis-1,2-Dichloroethene
 Concen: 3.306 ug/l
 RT: 4.501 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX030896.D
 Acq: 28 Aug 2022 02:27

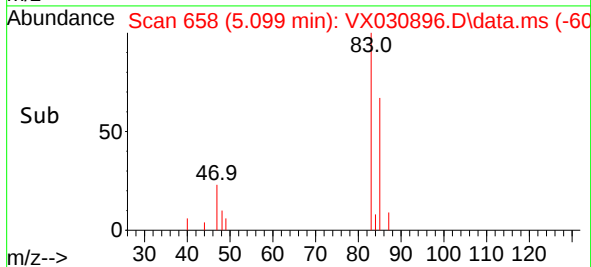
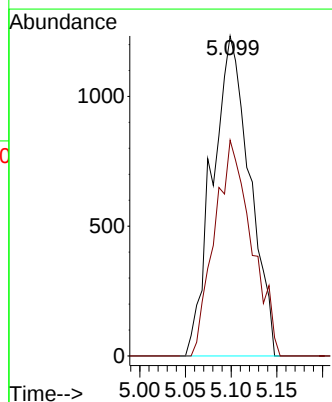
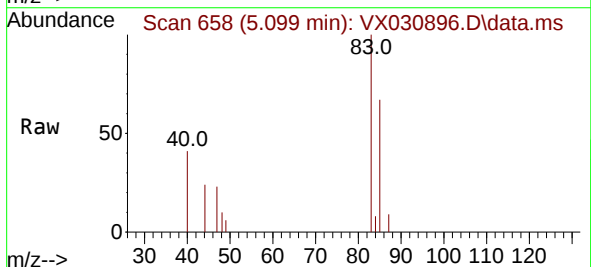
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20220823

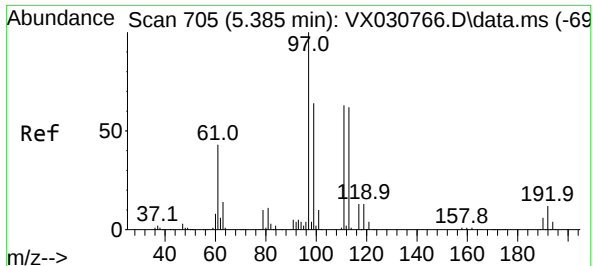
Tgt Ion: 96 Resp: 7591
 Ion Ratio Lower Upper
 96 100
 61 127.9 0.0 270.0
 98 64.5 0.0 127.8



#30
 Chloroform
 Concen: 0.912 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. -0.000 min
 Lab File: VX030896.D
 Acq: 28 Aug 2022 02:27

Tgt Ion: 83 Resp: 3498
 Ion Ratio Lower Upper
 83 100
 85 67.4 51.5 77.3





#32

1,1,1-Trichloroethane

Concen: 2.128 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX030896.D

Acq: 28 Aug 2022 02:27

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20220823

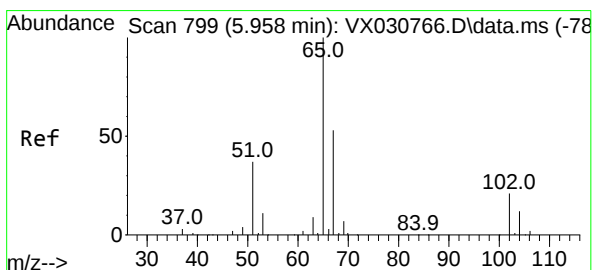
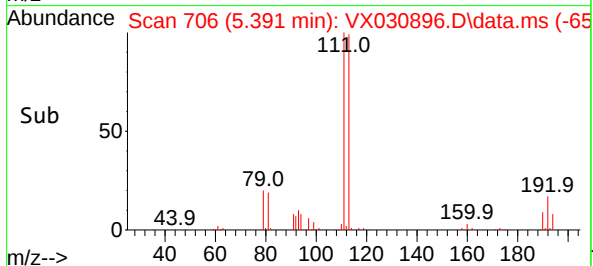
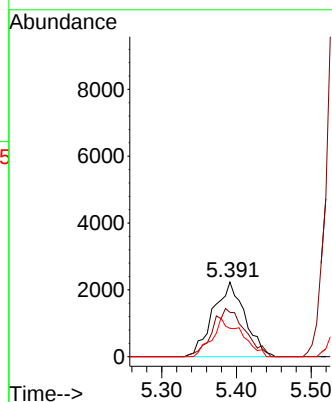
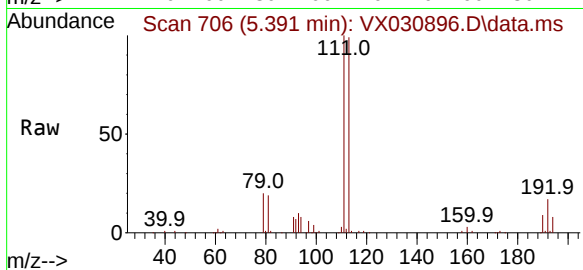
Tgt Ion: 97 Resp: 6600

Ion Ratio Lower Upper

97 100

99 66.2 51.4 77.0

61 47.1 35.8 53.8



#33

1,2-Dichloroethane-d4

Concen: 61.251 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030896.D

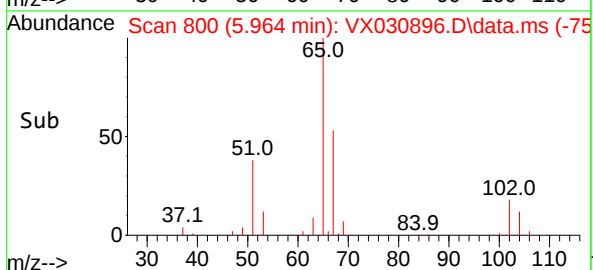
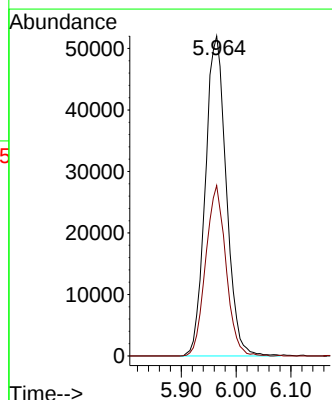
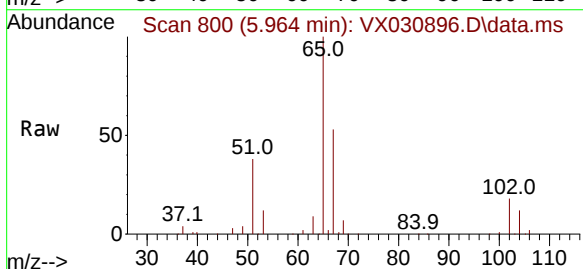
Acq: 28 Aug 2022 02:27

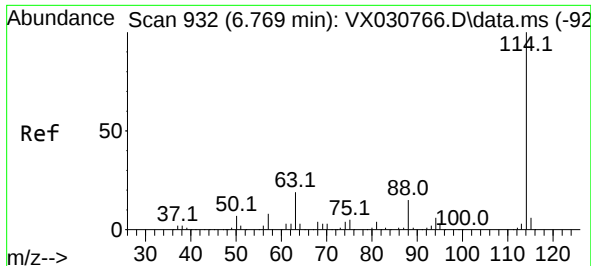
Tgt Ion: 65 Resp: 137523

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6

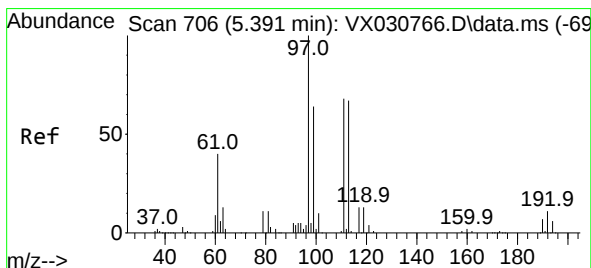
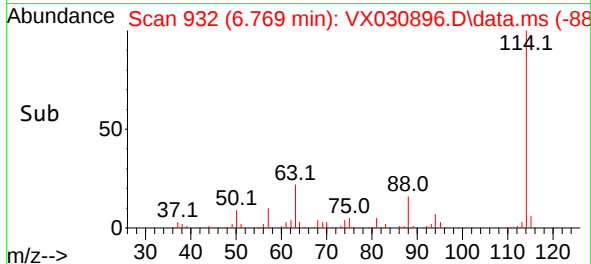
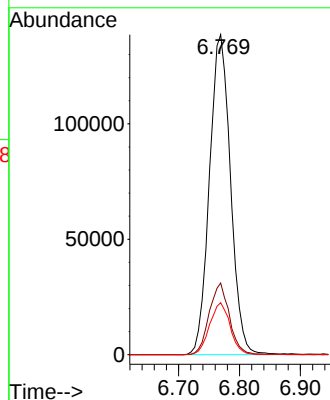
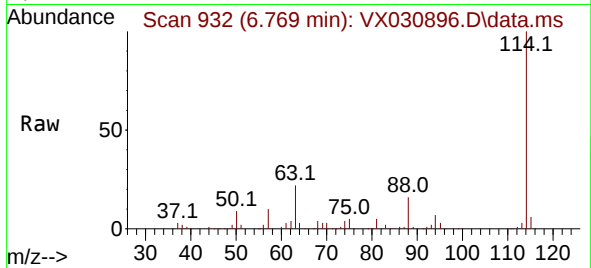




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030896.D
Acq: 28 Aug 2022 02:27

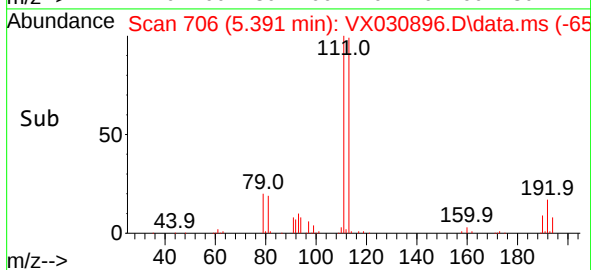
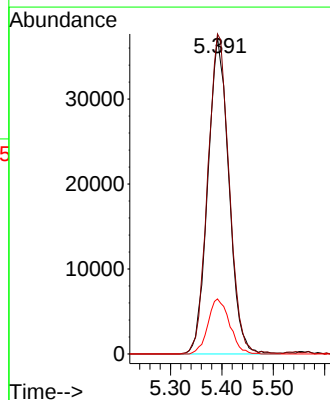
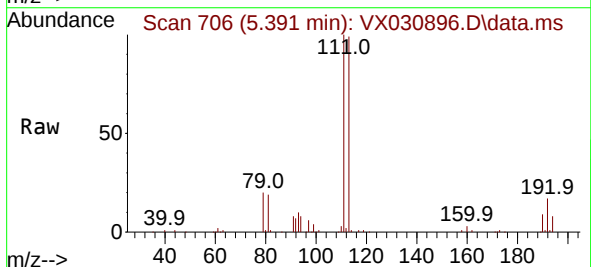
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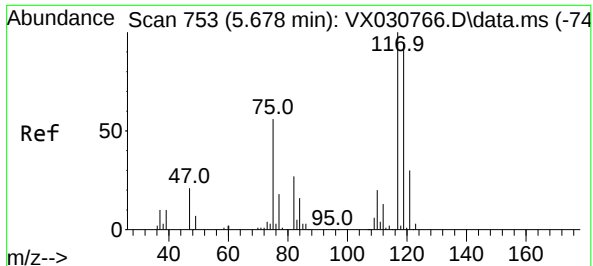
Tgt Ion:114 Resp: 332709
Ion Ratio Lower Upper
114 100
63 22.4 0.0 38.4
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.667 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030896.D
Acq: 28 Aug 2022 02:27

Tgt Ion:113 Resp: 105648
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 17.9 14.8 22.2

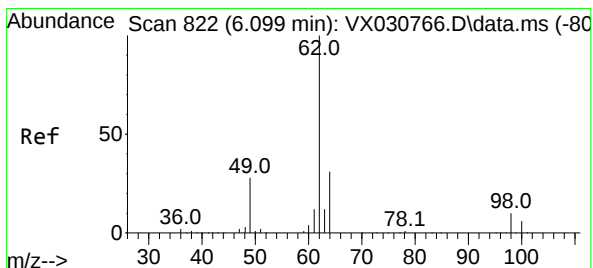
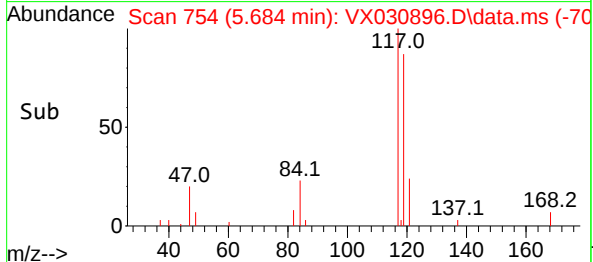
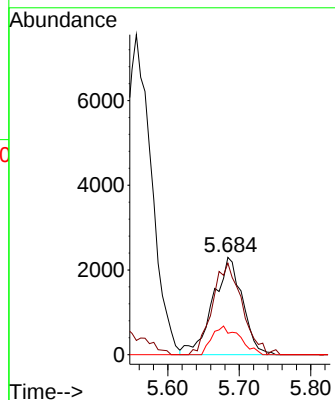
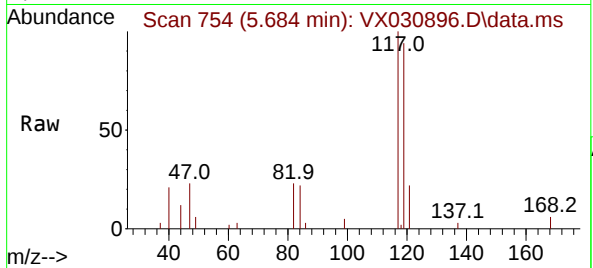




#38
Carbon Tetrachloride
Concen: 2.240 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX030896.D
Acq: 28 Aug 2022 02:27

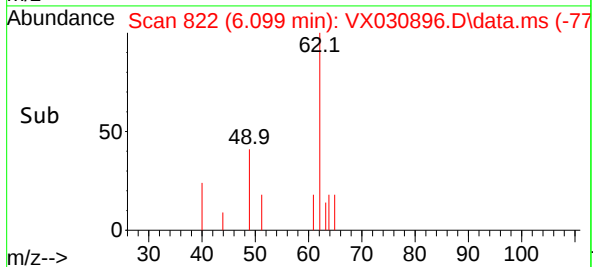
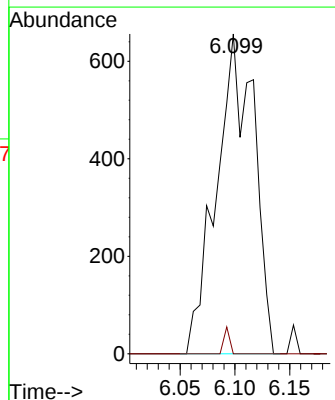
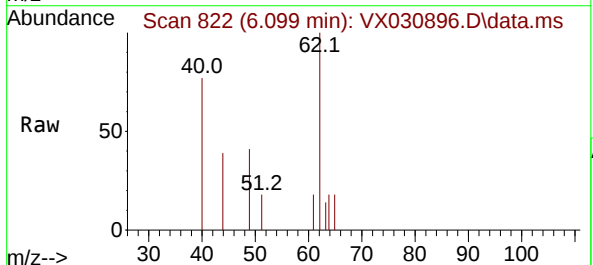
Instrument :
MSVOA_X
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TT180D2-20220823

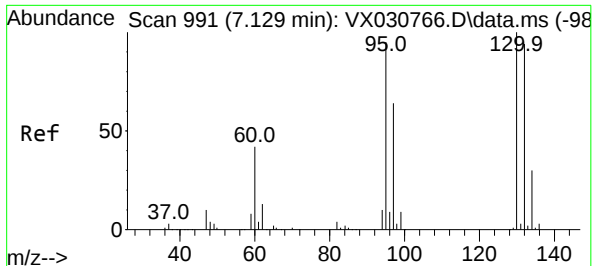
Tgt Ion:117 Resp: 6579
Ion Ratio Lower Upper
117 100
119 94.0 74.1 111.1
121 22.1 25.8 38.8#



#42
1,2-Dichloroethane
Concen: 0.532 ug/l
RT: 6.099 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX030896.D
Acq: 28 Aug 2022 02:27

Tgt Ion: 62 Resp: 1572
Ion Ratio Lower Upper
62 100
98 1.3 0.0 20.2

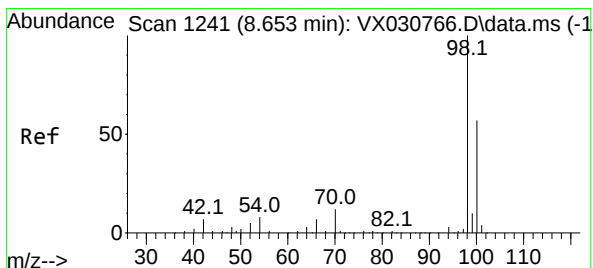
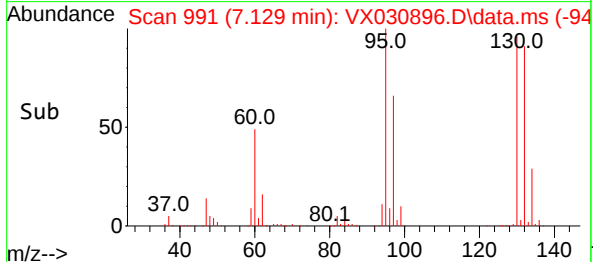
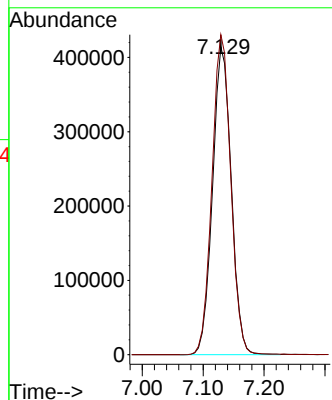
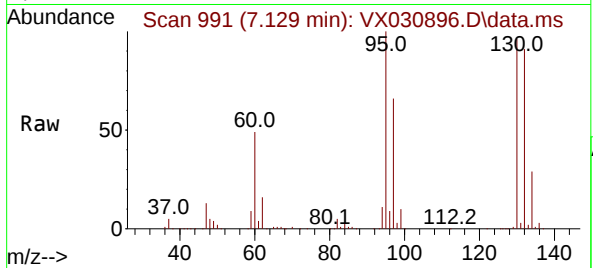




#44
Trichloroethene
Concen: 367.344 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030896.D
Acq: 28 Aug 2022 02:27

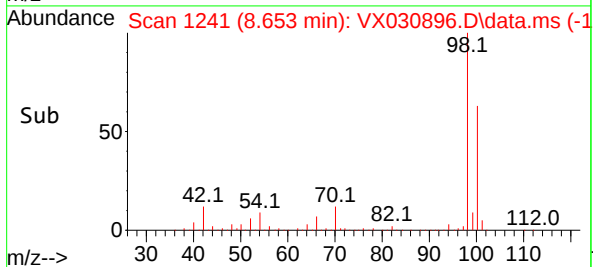
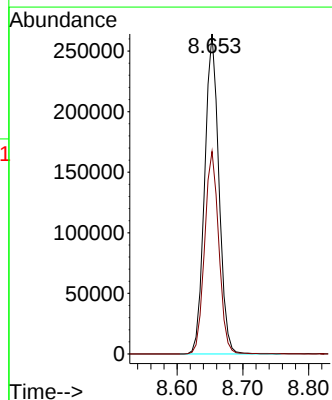
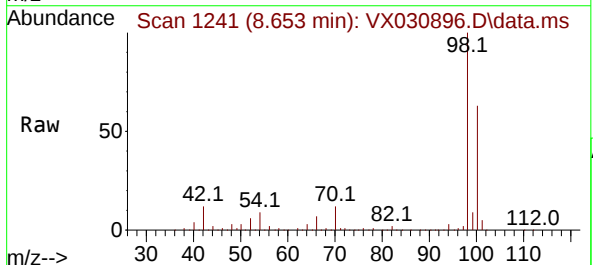
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823

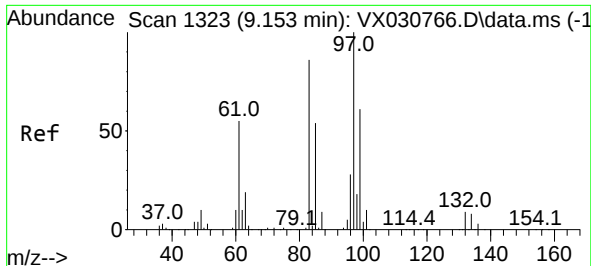
Tgt Ion:130 Resp: 884106
Ion Ratio Lower Upper
130 100
95 104.0 0.0 194.8



#50
Toluene-d8
Concen: 55.877 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX030896.D
Acq: 28 Aug 2022 02:27

Tgt Ion: 98 Resp: 398144
Ion Ratio Lower Upper
98 100
100 62.8 52.3 78.5





#55

1,1,2-Trichloroethane

Concen: 0.943 ug/l

RT: 9.159 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030896.D

Acq: 28 Aug 2022 02:27

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20220823

Tgt Ion: 97 Resp: 2179

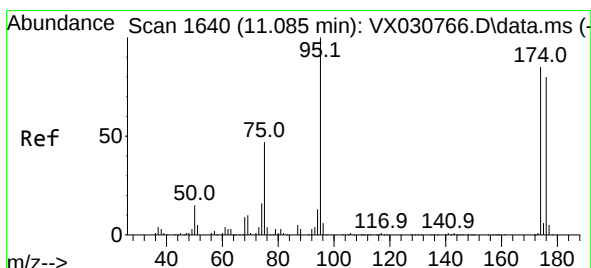
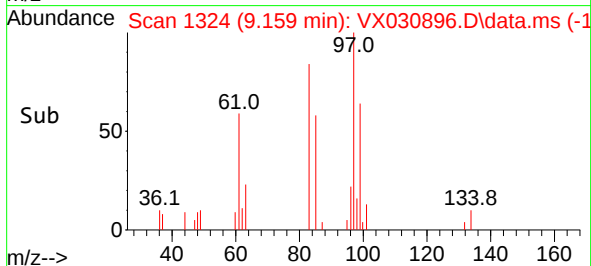
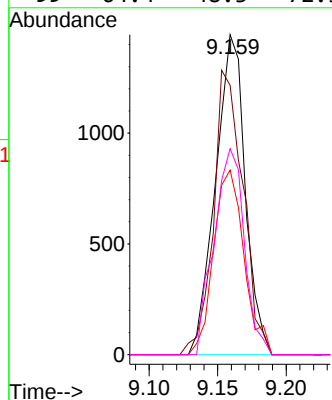
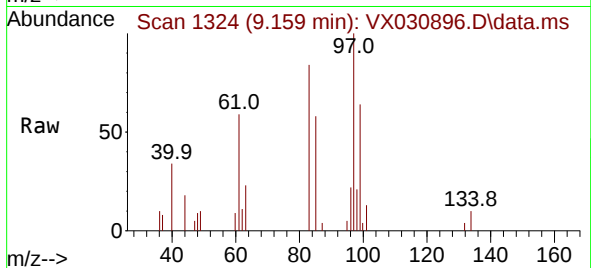
Ion Ratio Lower Upper

97 100

83 84.1 68.9 103.3

85 57.7 44.0 66.0

99 64.4 48.3 72.5



#62

4-Bromofluorobenzene

Concen: 50.345 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030896.D

Acq: 28 Aug 2022 02:27

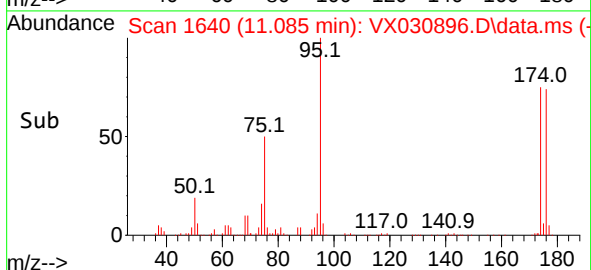
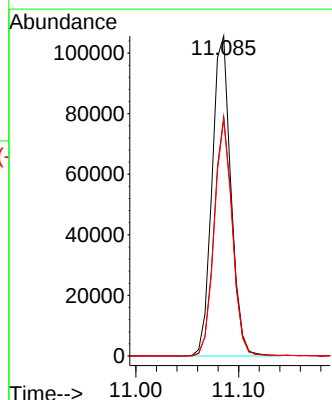
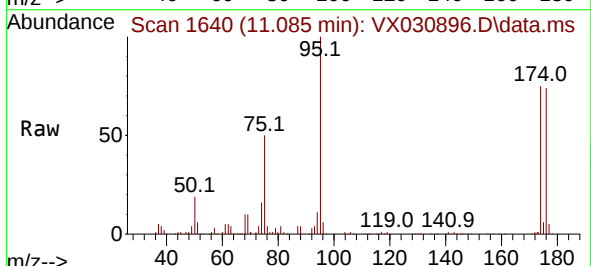
Tgt Ion: 95 Resp: 133553

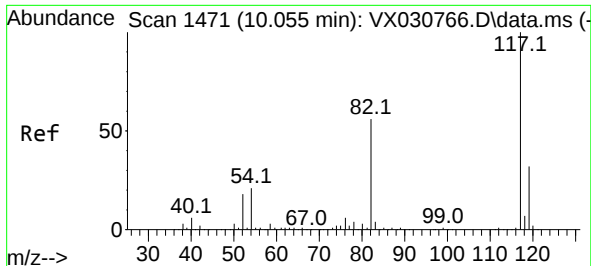
Ion Ratio Lower Upper

95 100

174 73.4 0.0 149.0

176 70.8 0.0 146.0

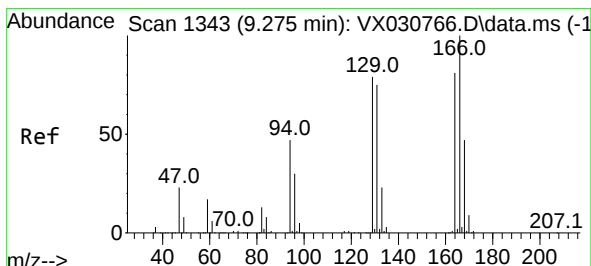
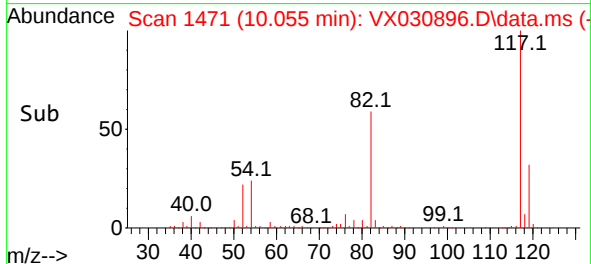
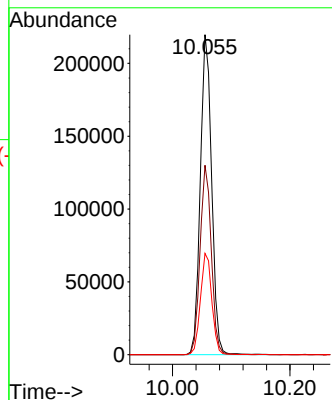
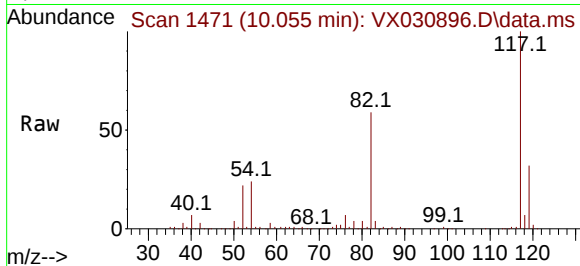




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030896.D
Acq: 28 Aug 2022 02:27

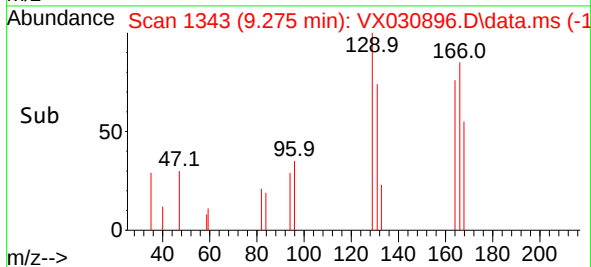
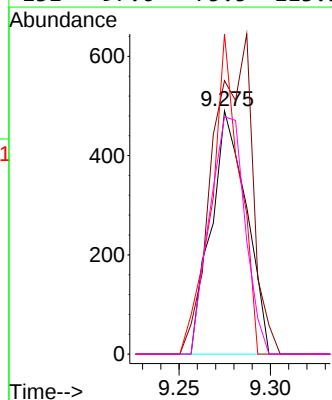
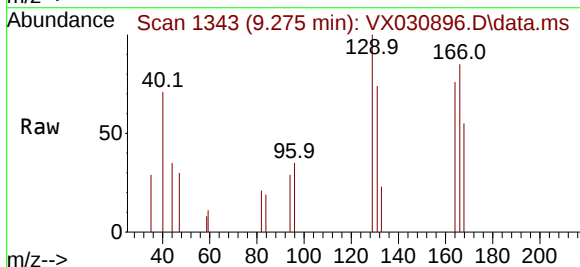
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823

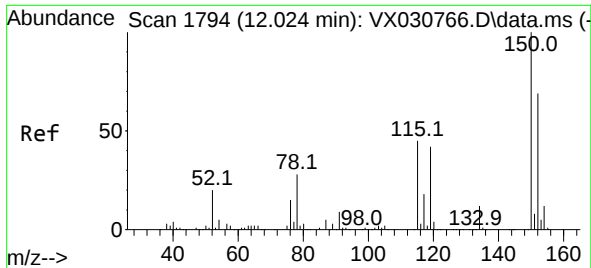
Tgt Ion:117 Resp: 293936
Ion Ratio Lower Upper
117 100
82 59.2 42.7 64.1
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 0.284 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030896.D
Acq: 28 Aug 2022 02:27

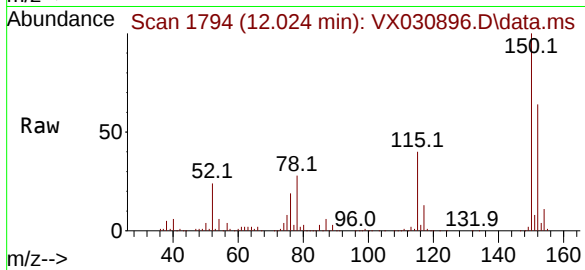
Tgt Ion:164 Resp: 658
Ion Ratio Lower Upper
164 100
166 112.4 98.2 147.4
129 131.6 80.8 121.2#
131 97.6 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030896.D
 Acq: 28 Aug 2022 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20220823



Tgt Ion:152 Resp: 125753
 Ion Ratio Lower Upper
 152 100
 115 62.1 40.5 121.5
 150 154.5 0.0 347.0

