

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031576.D
 Acq On : 22 Sep 2022 17:31
 Operator : JC/MD
 Sample : N4728-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Quant Time: Sep 23 01:49:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

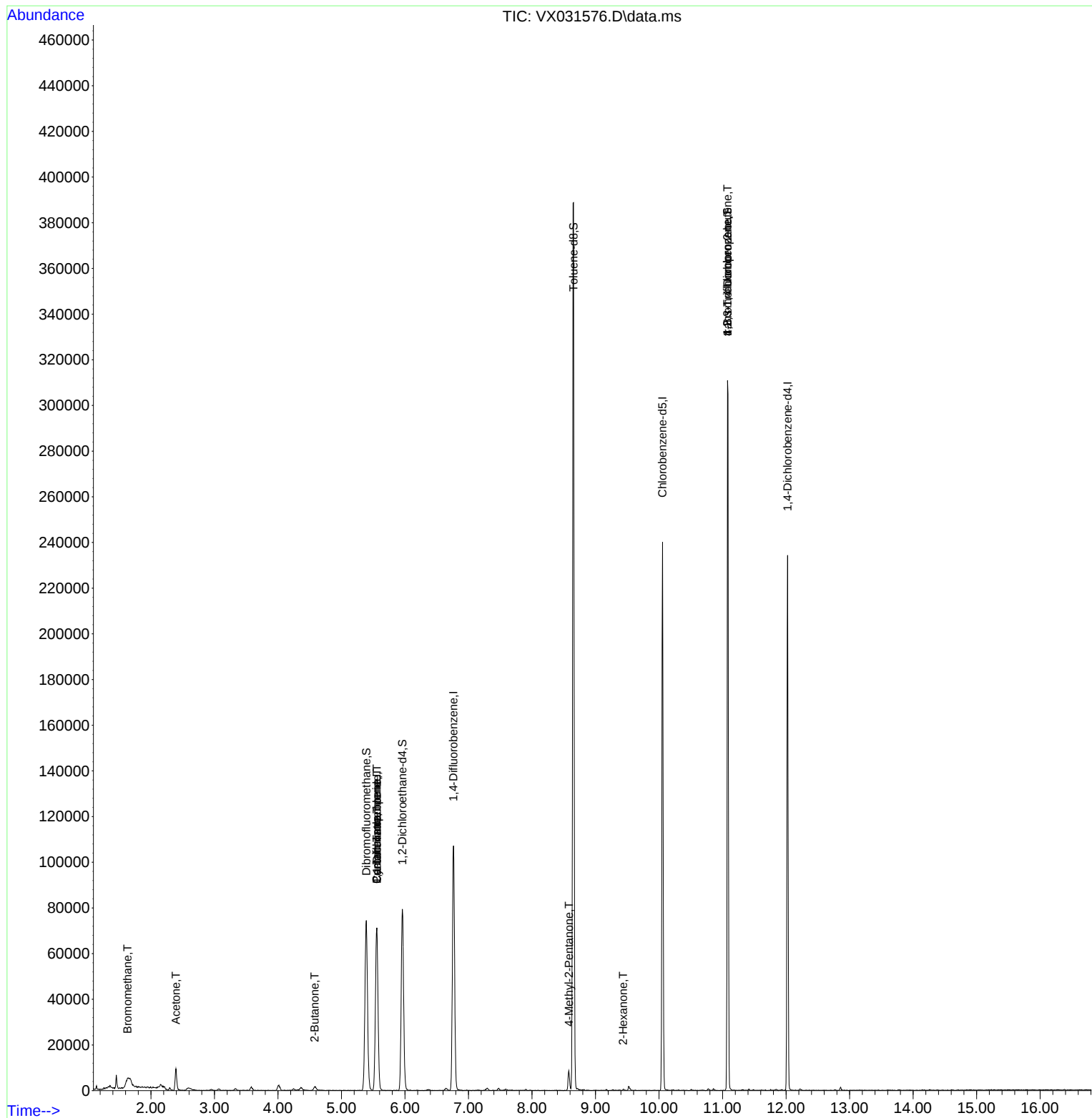
Internal Standards						
1) Pentafluorobenzene	5.556	168	69681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70406	55.102	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.200%
35) Dibromofluoromethane	5.391	113	59755	51.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.720%
50) Toluene-d8	8.653	98	228921	51.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.060%
62) 4-Bromofluorobenzene	11.079	95	70113	46.141	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.280%
Target Compounds						
						Qvalue
5) Bromomethane	1.630	94	548	0.254	ug/l #	78
6) Chloroethane	1.666	64	78	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	280	Below Cal	#	73
13) Acrolein	2.239	56	275	Below Cal	#	67
16) Acetone	2.392	43	10560	7.655	ug/l	96
25) 2-Butanone	4.574	43	2989	3.030	ug/l	97
31) Cyclohexane	5.556	56	1715	0.905	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	5368	2.999	ug/l #	50
38) Carbon Tetrachloride	5.556	117	6787	3.421	ug/l #	17
51) 4-Methyl-2-Pentanone	8.580	43	5496	2.604	ug/l	96
59) 2-Hexanone	9.433	43	547	0.345	ug/l	67
75) 1,1,2,2-Tetrachloroethane	11.085	83	177	Below Cal	#	24
76) 1,2,3-Trichloropropane	11.079	75	40631	39.533	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	40631	127.289	ug/l #	11

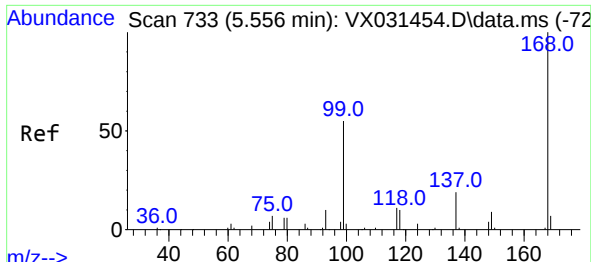
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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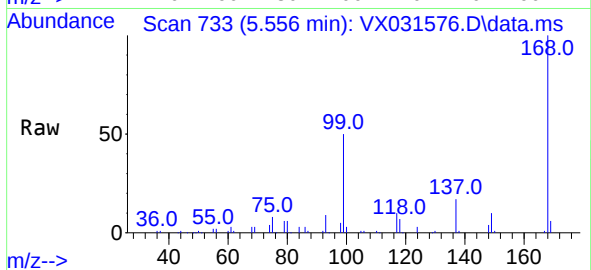
Quant Time: Sep 23 01:49:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
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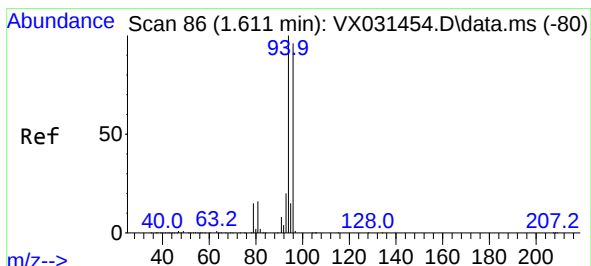
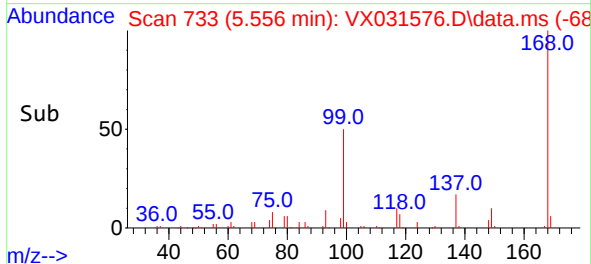
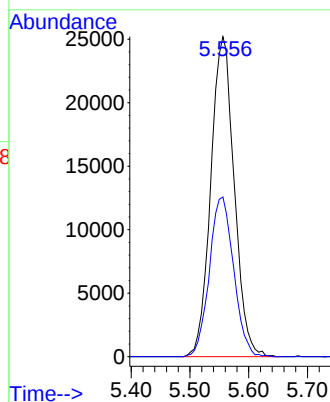


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Instrument :
MSVOA_X
ClientSampleId :
OF-1

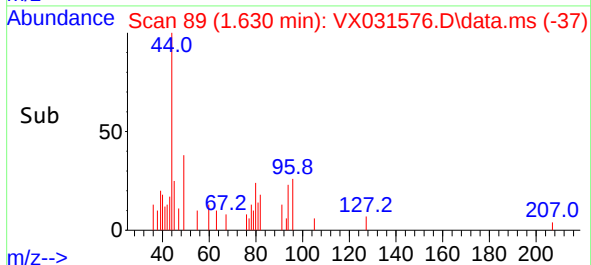
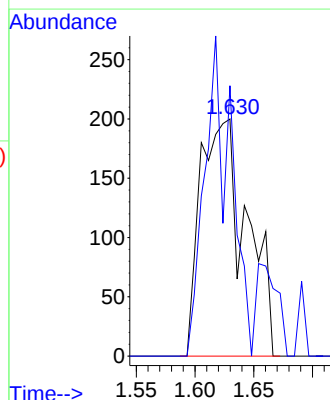
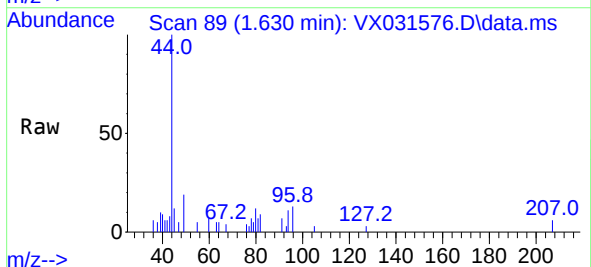


Tgt Ion:168 Resp: 69681
Ion Ratio Lower Upper
168 100
99 49.9 48.8 73.2

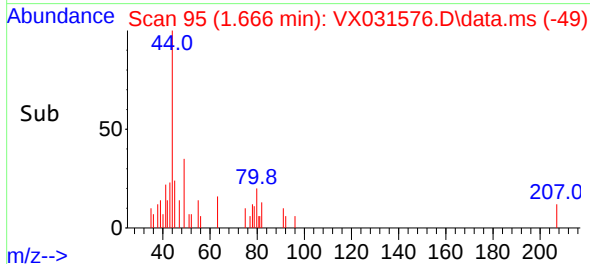
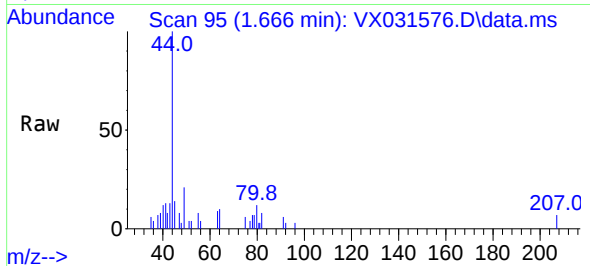
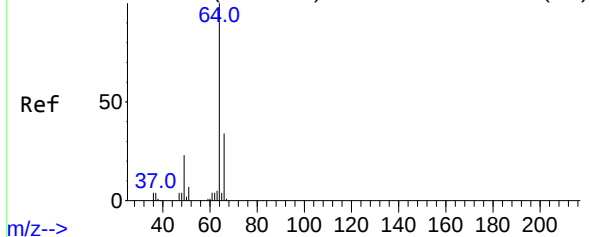


#5
Bromomethane
Concen: 0.254 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.019 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Tgt Ion: 94 Resp: 548
Ion Ratio Lower Upper
94 100
96 114.0 74.4 111.6#



Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6

Chloroethane

Concen: Below Cal

RT: 1.666 min Scan# 91

Delta R.T. -0.019 min

Lab File: VX031576.D

Acq: 22 Sep 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

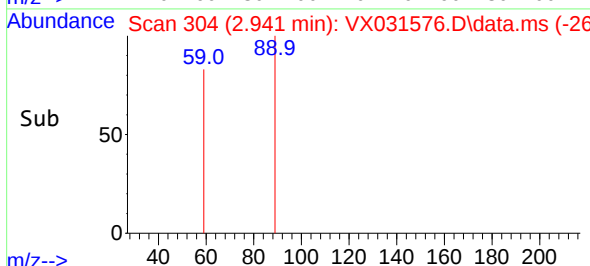
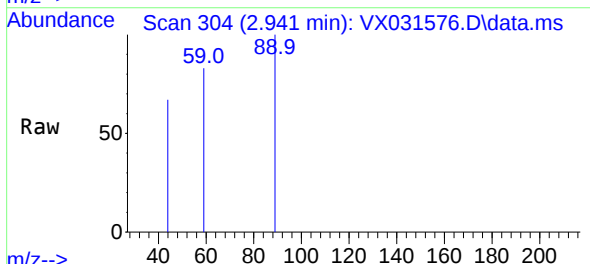
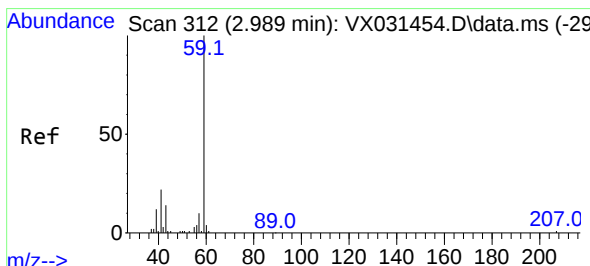
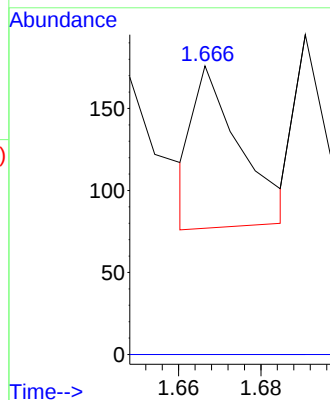
OF-1

Tgt Ion: 64 Resp: 78

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.048 min

Lab File: VX031576.D

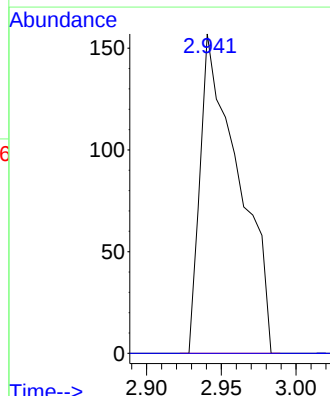
Acq: 22 Sep 2022 17:31

Tgt Ion: 59 Resp: 280

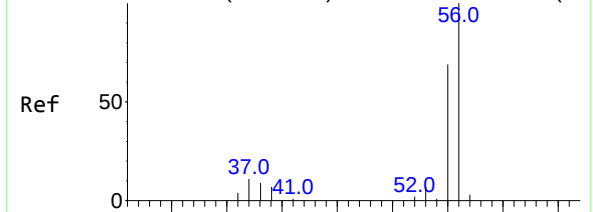
Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

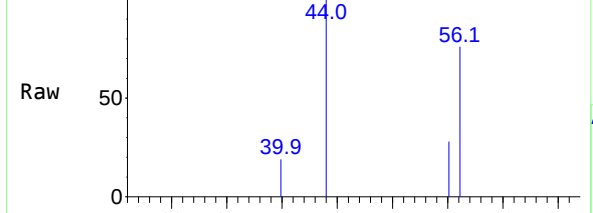


Abundance Scan 189 (2.239 min): VX031454.D\data.ms (-18



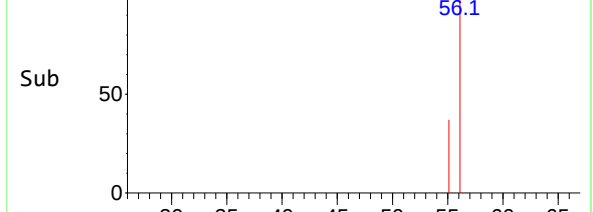
m/z-->

Abundance Scan 189 (2.239 min): VX031576.D\data.ms



m/z-->

Abundance Scan 189 (2.239 min): VX031576.D\data.ms (-14



m/z-->

#13

Acrolein

Concen: Below Cal

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031576.D

Acq: 22 Sep 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

OF-1

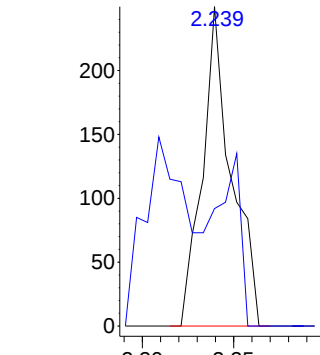
Tgt Ion: 56 Resp: 275

Ion Ratio Lower Upper

56 100

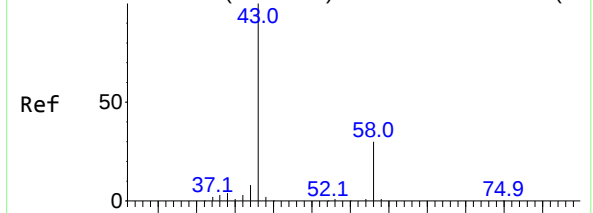
55 43.3 56.0 84.0#

Abundance



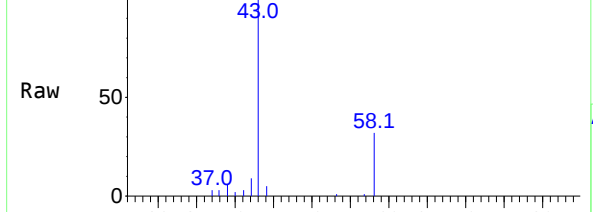
Time-->

Abundance Scan 213 (2.386 min): VX031454.D\data.ms (-20



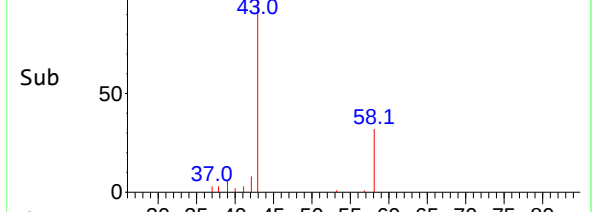
m/z-->

Abundance Scan 214 (2.392 min): VX031576.D\data.ms



m/z-->

Abundance Scan 214 (2.392 min): VX031576.D\data.ms (-16



m/z-->

#16

Acetone

Concen: 7.655 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031576.D

Acq: 22 Sep 2022 17:31

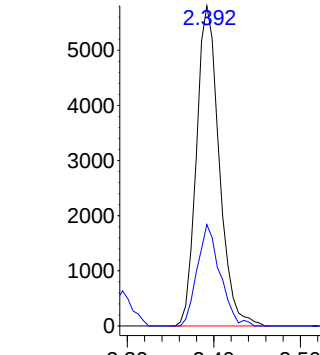
Tgt Ion: 43 Resp: 10560

Ion Ratio Lower Upper

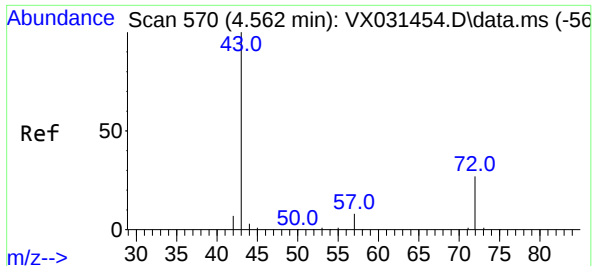
43 100

58 31.7 23.8 35.8

Abundance



Time-->



#25

2-Butanone

Concen: 3.030 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX031576.D

Acq: 22 Sep 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

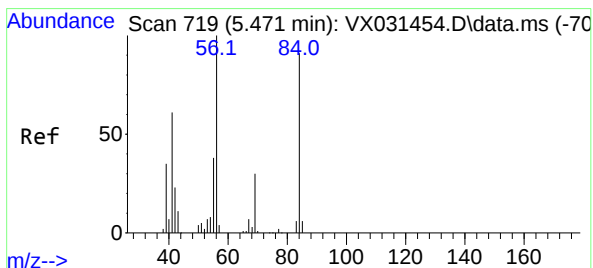
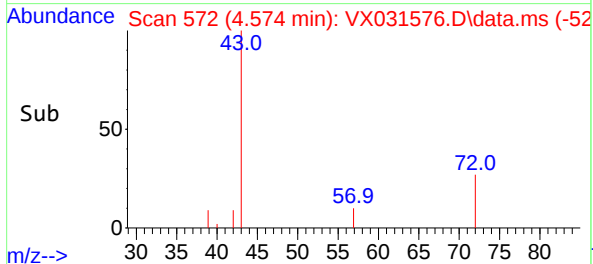
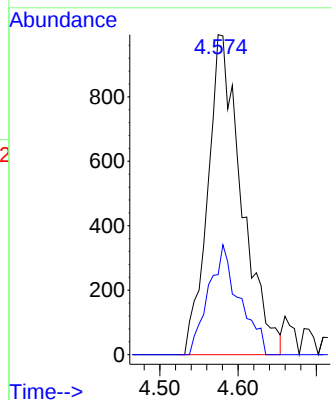
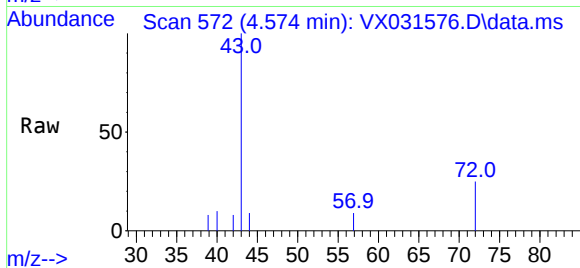
OF-1

Tgt Ion: 43 Resp: 2989

Ion Ratio Lower Upper

43 100

72 25.0 21.1 31.7



#31

Cyclohexane

Concen: 0.905 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX031576.D

Acq: 22 Sep 2022 17:31

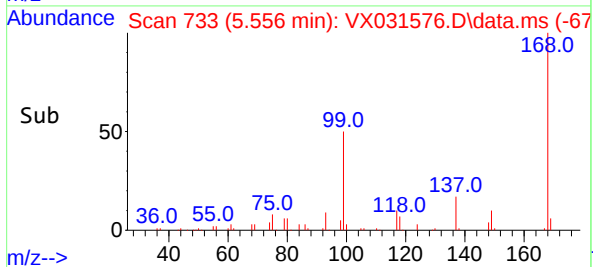
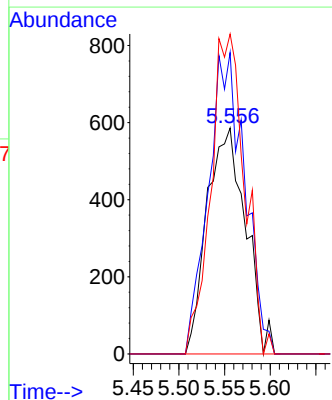
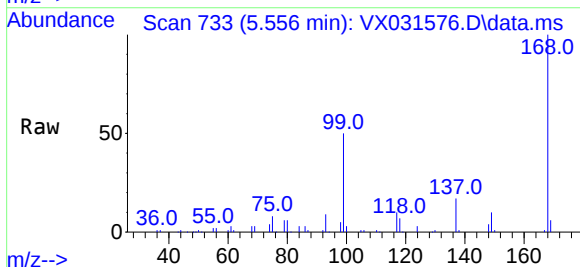
Tgt Ion: 56 Resp: 1715

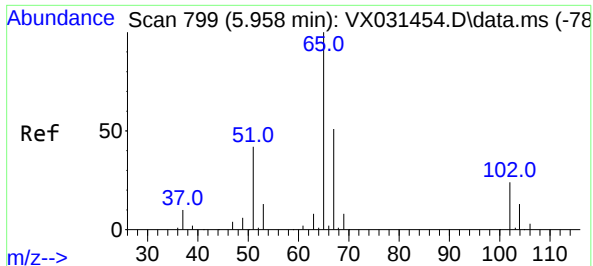
Ion Ratio Lower Upper

56 100

69 133.4 25.1 37.7#

84 141.6 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 55.102 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031576.D

Acq: 22 Sep 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

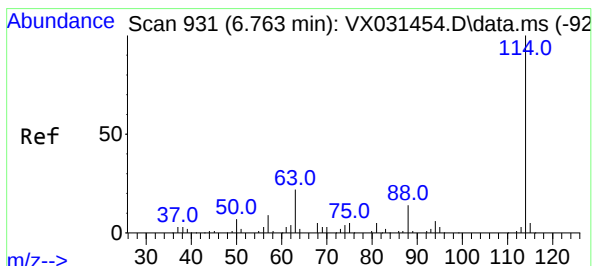
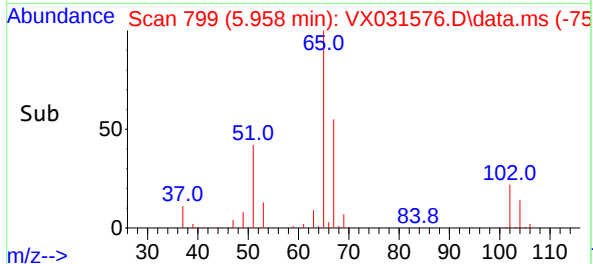
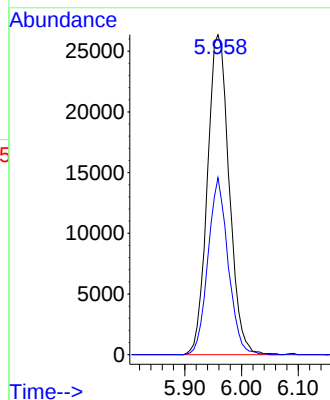
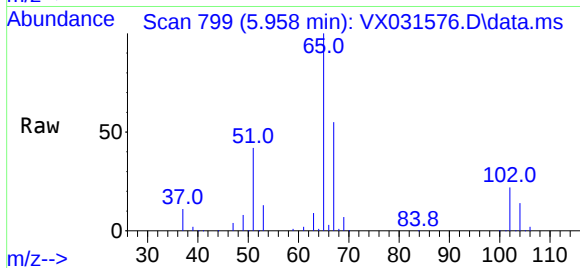
OF-1

Tgt Ion: 65 Resp: 70406

Ion Ratio Lower Upper

65 100

67 51.1 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: VX031576.D

Acq: 22 Sep 2022 17:31

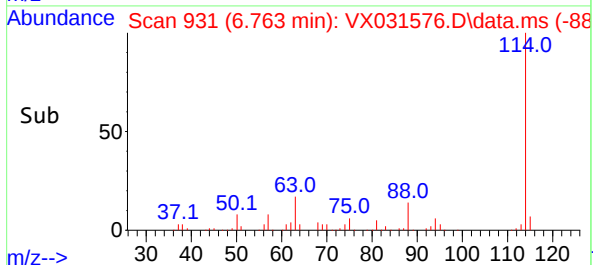
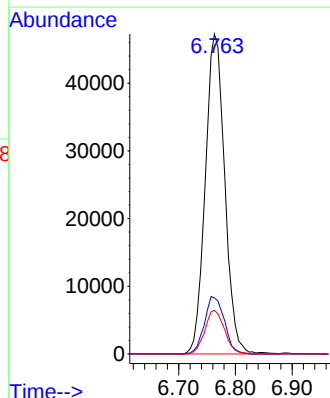
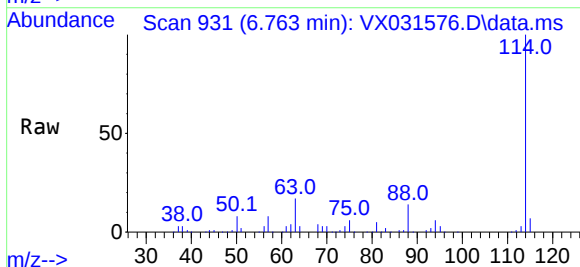
Tgt Ion: 114 Resp: 112598

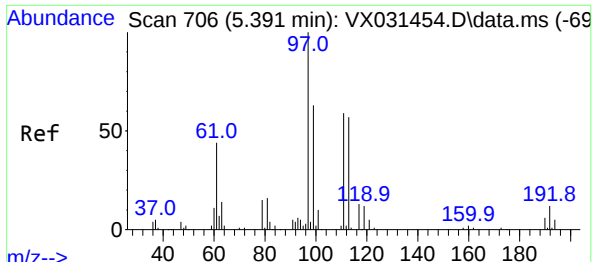
Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.6

88 13.6 0.0 33.0

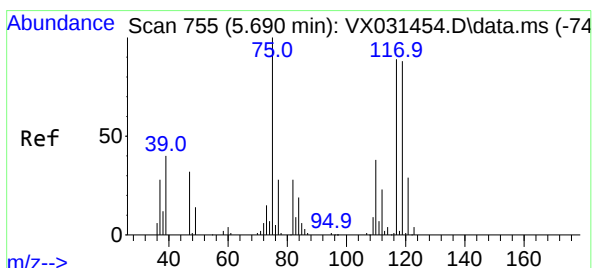
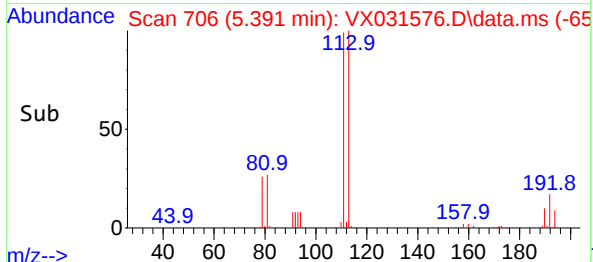
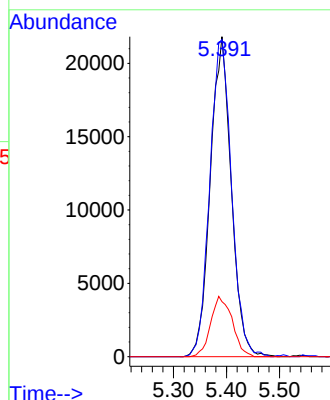
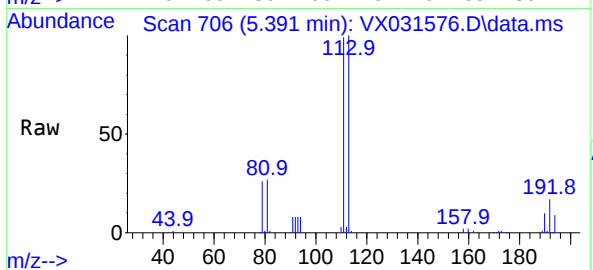




#35
Dibromofluoromethane
Concen: 51.364 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

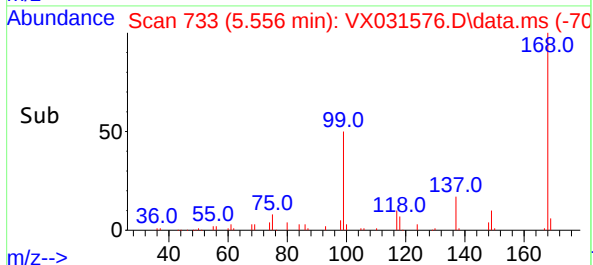
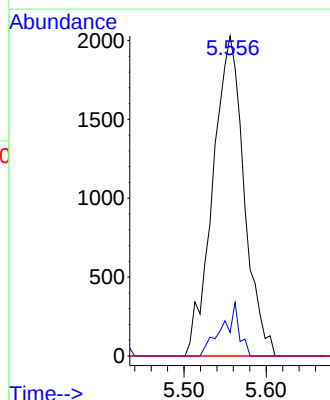
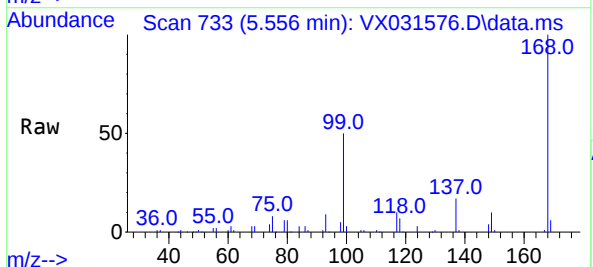
Instrument :
MSVOA_X
ClientSampleId :
OF-1

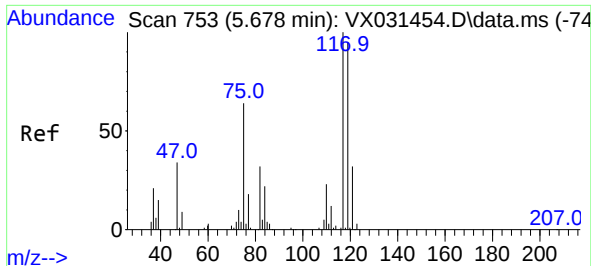
Tgt Ion:113 Resp: 59755
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 2.999 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Tgt Ion: 75 Resp: 5368
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.9 37.3#

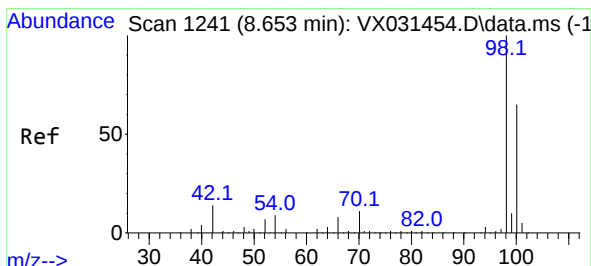
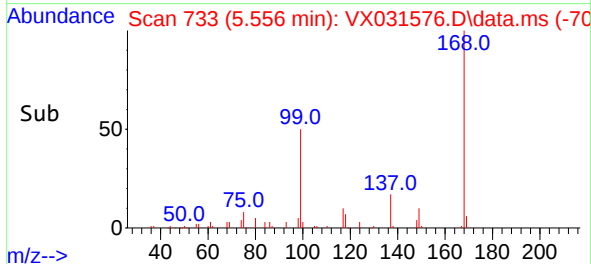
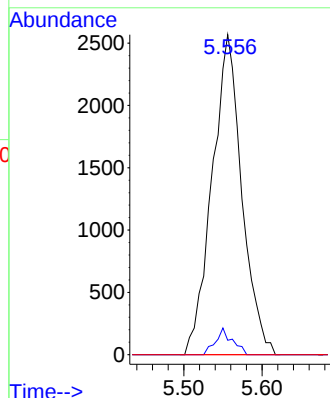
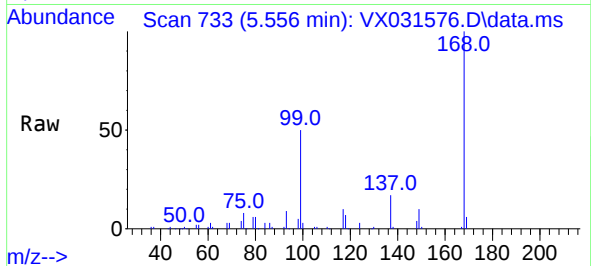




#38
Carbon Tetrachloride
Concen: 3.421 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

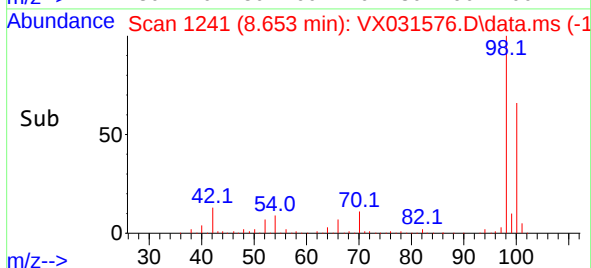
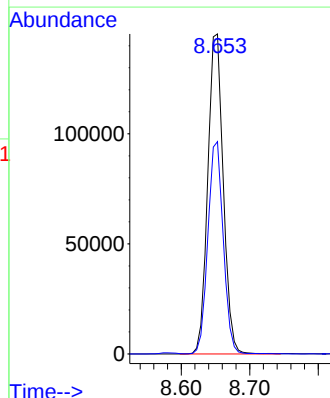
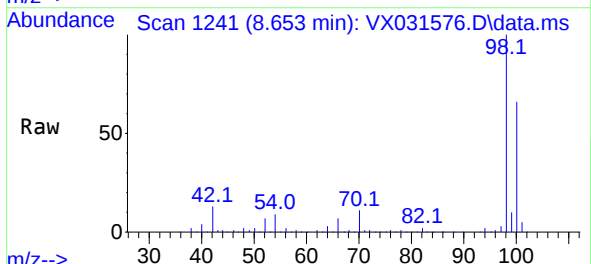
Instrument :
MSVOA_X
ClientSampleId :
OF-1

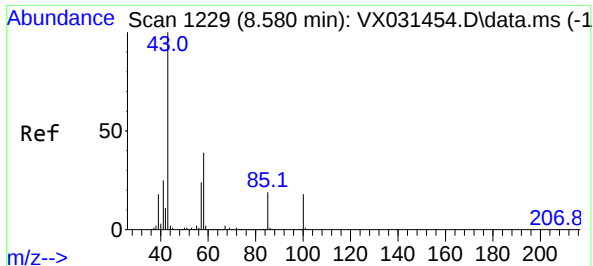
Tgt Ion:117 Resp: 6787
Ion Ratio Lower Upper
117 100
119 4.5 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.030 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Tgt Ion: 98 Resp: 228921
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

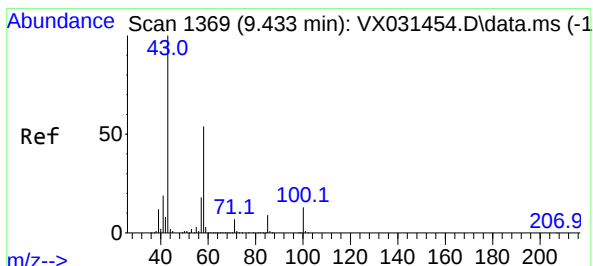
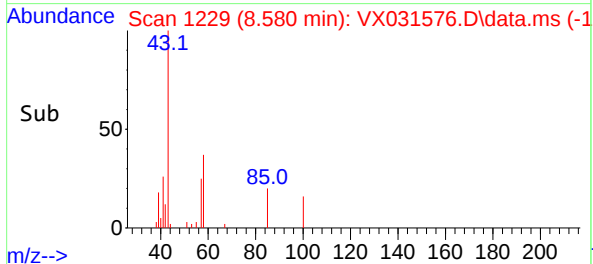
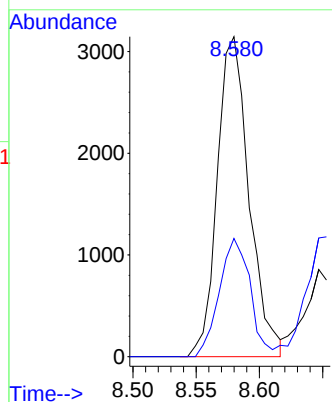
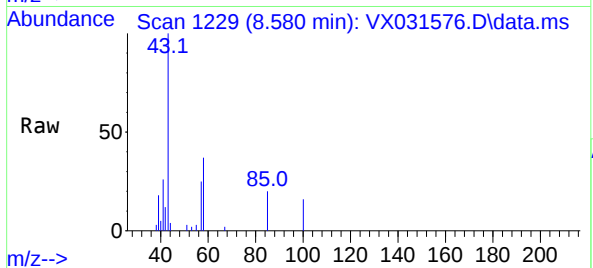




#51
4-Methyl-2-Pentanone
Concen: 2.604 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

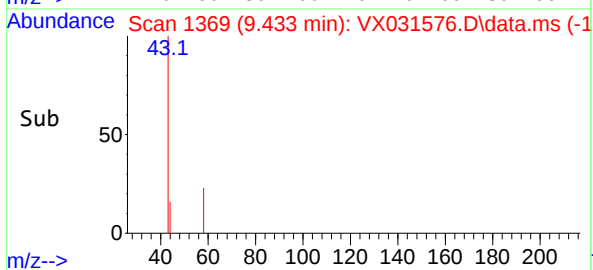
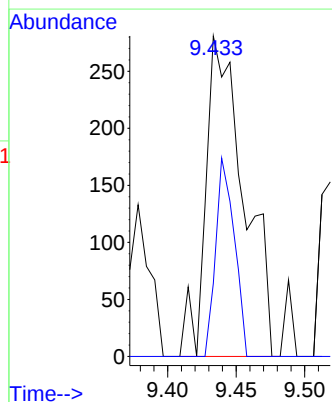
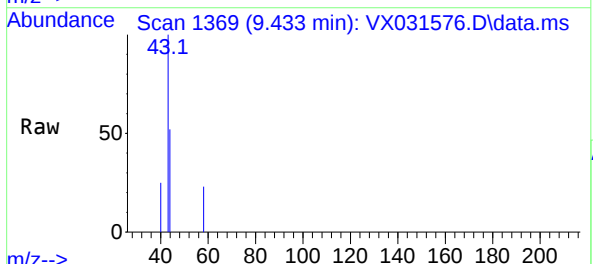
Instrument :
MSVOA_X
ClientSampleId :
OF-1

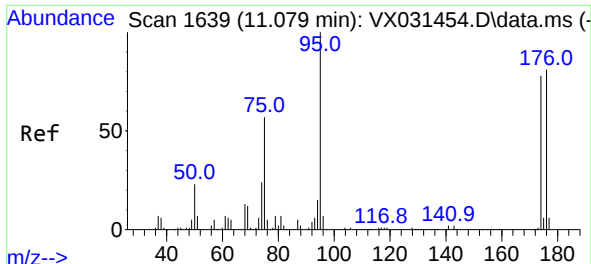
Tgt Ion: 43 Resp: 5496
Ion Ratio Lower Upper
43 100
58 35.8 30.6 46.0



#59
2-Hexanone
Concen: 0.345 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
58 30.2 26.7 80.0

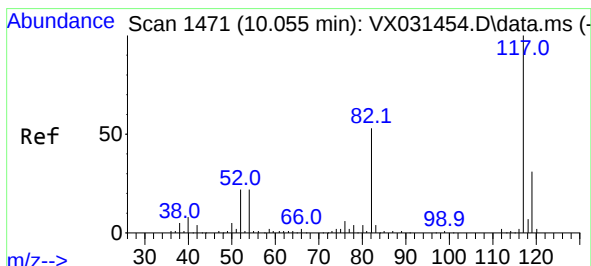
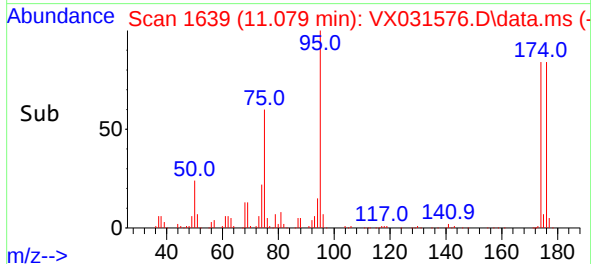
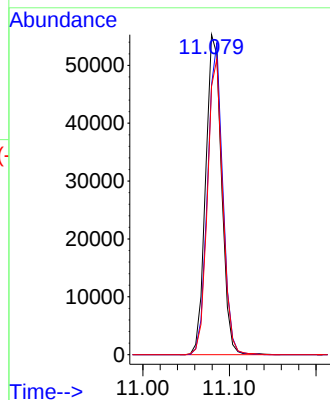
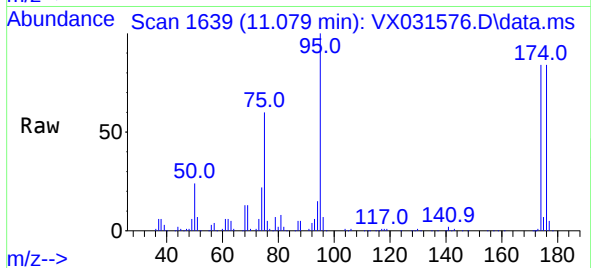




#62
4-Bromofluorobenzene
Concen: 46.141 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

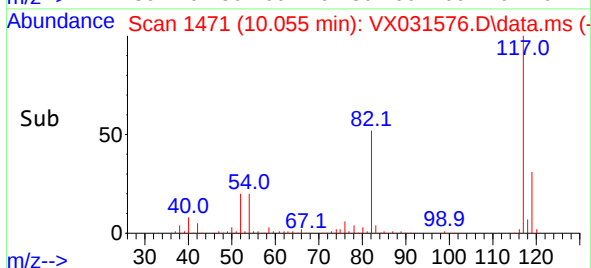
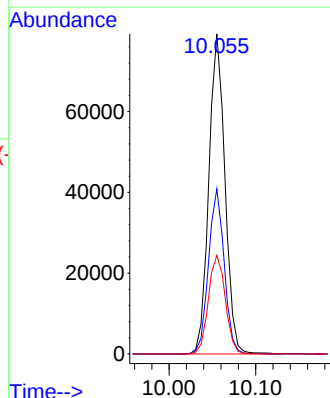
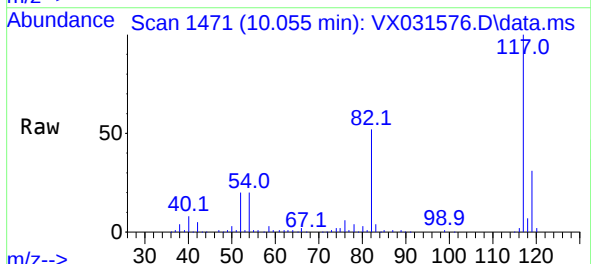
Instrument :
MSVOA_X
ClientSampleId :
OF-1

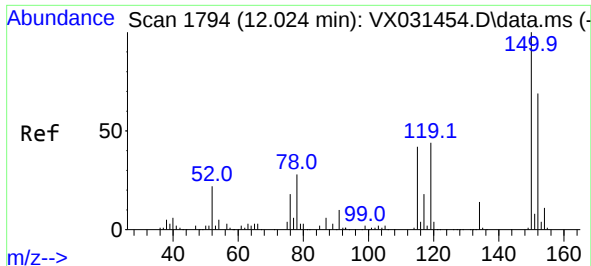
Tgt Ion: 95 Resp: 70113
Ion Ratio Lower Upper
95 100
174 93.2 0.0 153.2
176 89.2 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Tgt Ion: 117 Resp: 102389
Ion Ratio Lower Upper
117 100
82 51.6 46.8 70.2
119 30.8 26.4 39.6

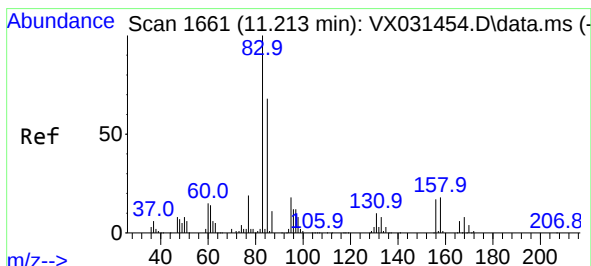
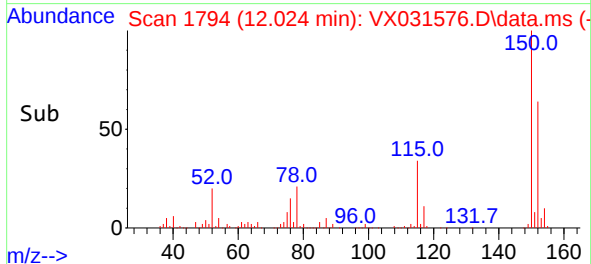
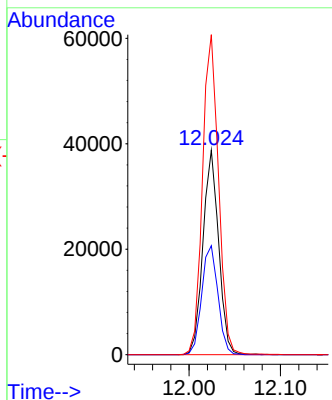
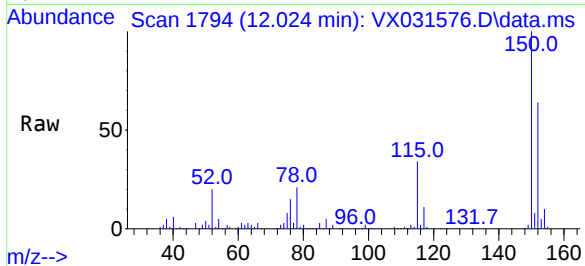




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

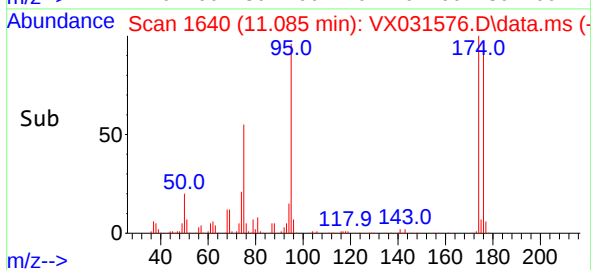
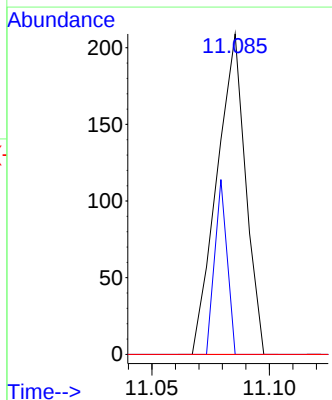
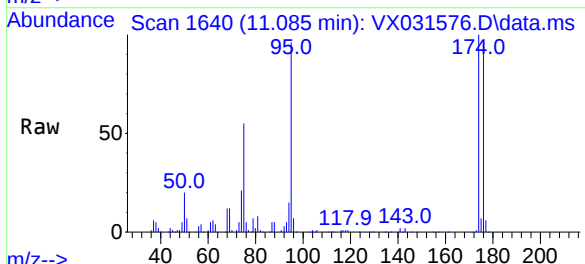
Instrument :
MSVOA_X
ClientSampleId :
OF-1

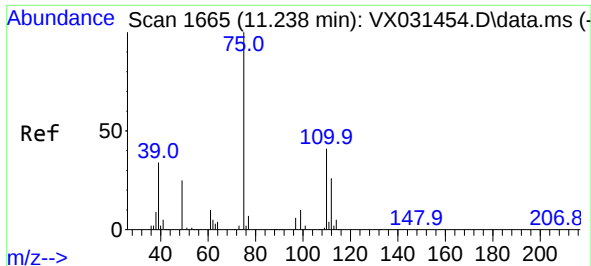
Tgt Ion:152 Resp: 46050
Ion Ratio Lower Upper
152 100
115 55.1 43.4 130.1
150 160.0 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. -0.128 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Tgt Ion: 83 Resp: 177
Ion Ratio Lower Upper
83 100
131 23.7 5.1 15.4#
85 0.0 32.6 97.8#

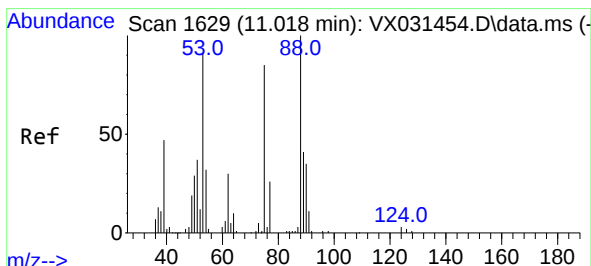
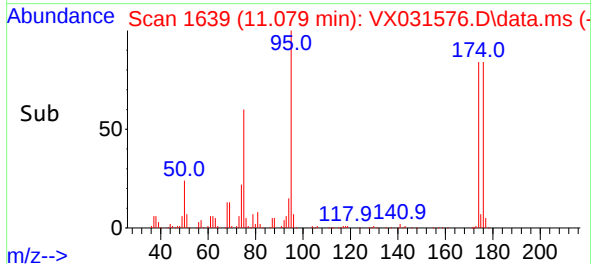
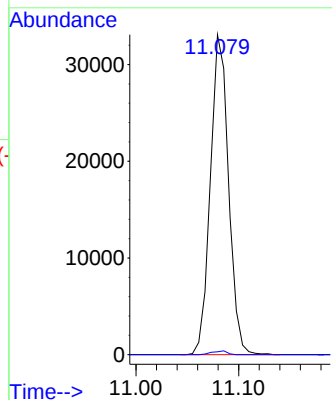
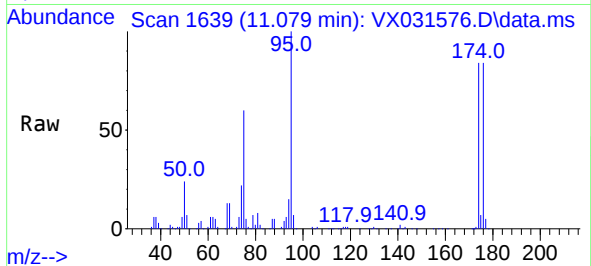




#76
1,2,3-Trichloropropane
Concen: 39.533 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Instrument :
MSVOA_X
ClientSampleId :
OF-1

Tgt Ion: 75 Resp: 40631
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.289 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Tgt Ion: 75 Resp: 40631
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

