

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032263.D
 Acq On : 20 Oct 2022 15:20
 Operator : JC/MD
 Sample : N5210-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF1022

Quant Time: Oct 21 01:25:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

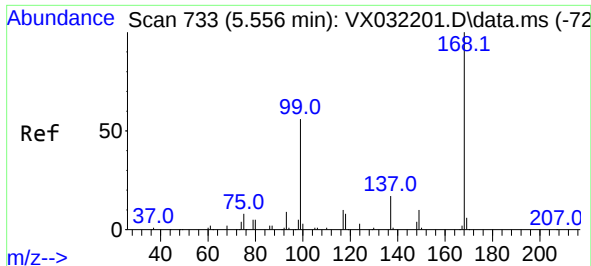
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	156217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98921	48.676	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.360%
35) Dibromofluoromethane	5.385	113	76470	45.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.580%
50) Toluene-d8	8.653	98	284870	47.387	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.780%
62) 4-Bromofluorobenzene	11.079	95	100859	45.817	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.640%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	90	Below Cal	#	44
6) Chloroethane	1.849	64	20	1.965	ug/l #	41
11) Tert butyl alcohol	2.971	59	117	Below Cal	#	74
16) Acetone	2.386	43	699	1.060	ug/l #	82
36) 1,1-Dichloropropene	5.550	75	12320	5.735	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16151	7.122	ug/l #	18
40) Benzene	6.037	78	2547	0.409	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1433	0.692	ug/l #	1
68) m/p-Xylenes	10.305	106	1316	0.445	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	55307	29.501	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	55307	90.325	ug/l #	6

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

Quant Time: Oct 21 01:25:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

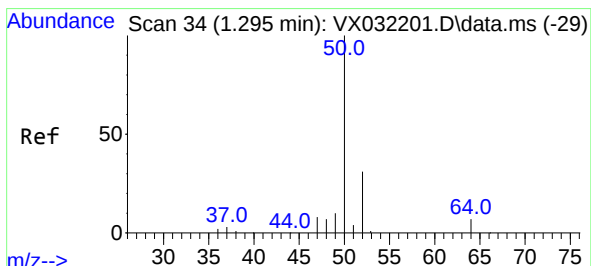
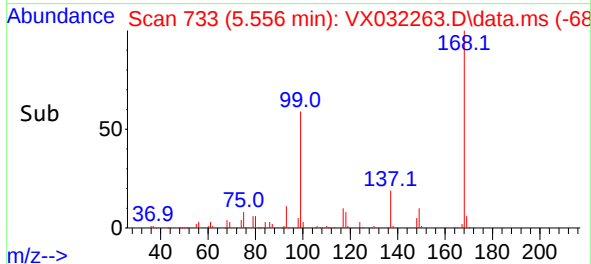
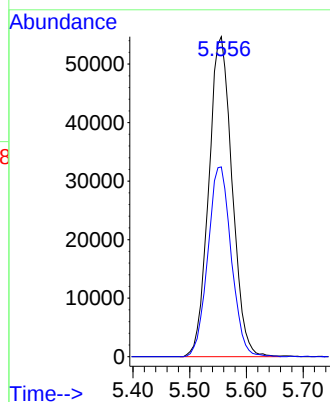
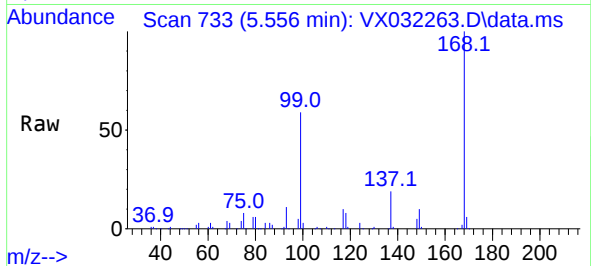




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

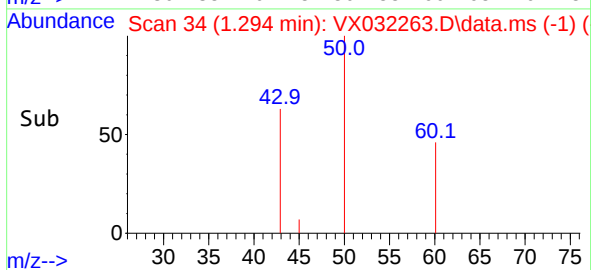
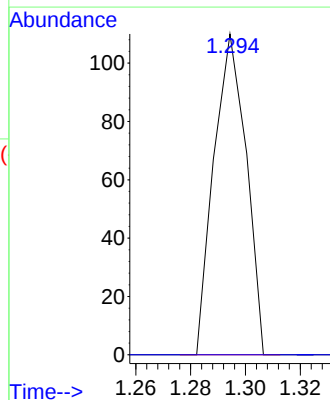
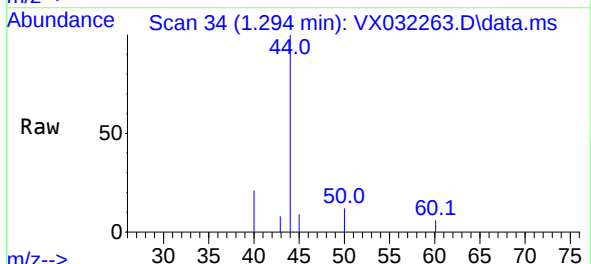
Instrument :
MSVOA_X
ClientSampleId :
EFF1022

Tgt Ion:168 Resp: 156217
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2

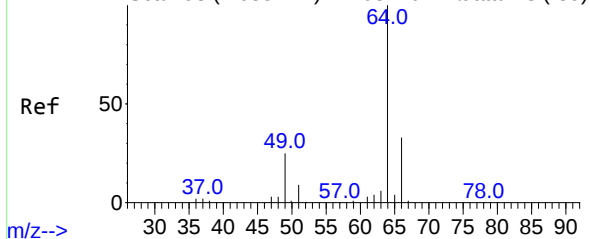


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

Tgt Ion: 50 Resp: 90
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



#6

Chloroethane

Concen: 1.965 ug/l

RT: 1.849 min Scan# 11

Delta R.T. 0.164 min

Lab File: VX032263.D

Acq: 20 Oct 2022 15:20

Instrument :

MSVOA_X

ClientSampleId :

EFF1022

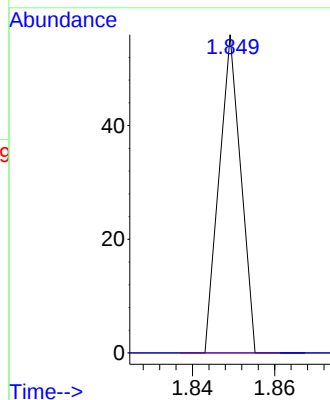
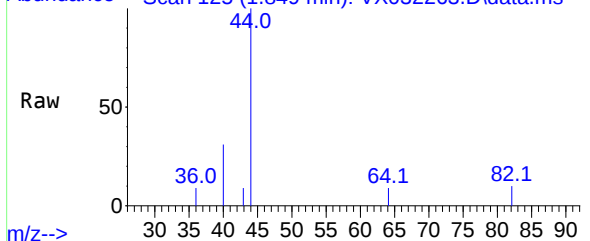
Tgt Ion: 64 Resp: 20

Ion Ratio Lower Upper

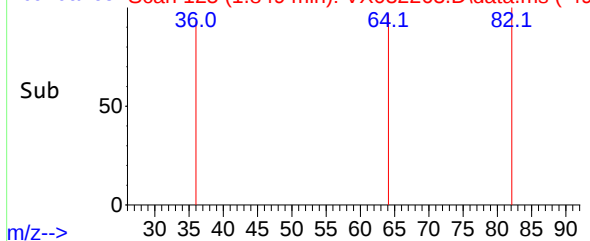
64 100

66 0.0 26.6 39.8#

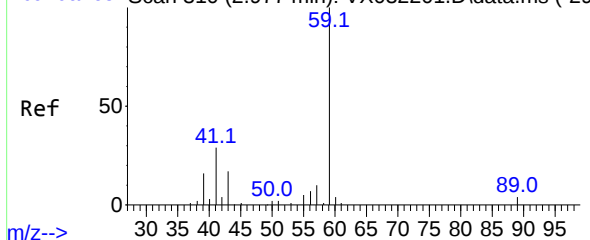
Abundance Scan 125 (1.849 min): VX032263.D\data.ms



Abundance Scan 125 (1.849 min): VX032263.D\data.ms (-49)



Abundance Scan 310 (2.977 min): VX032201.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX032263.D

Acq: 20 Oct 2022 15:20

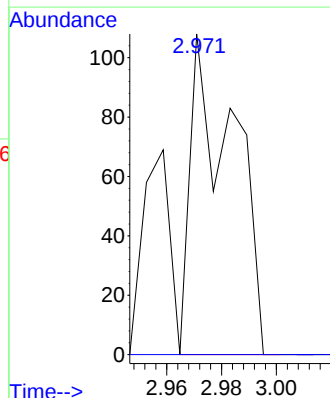
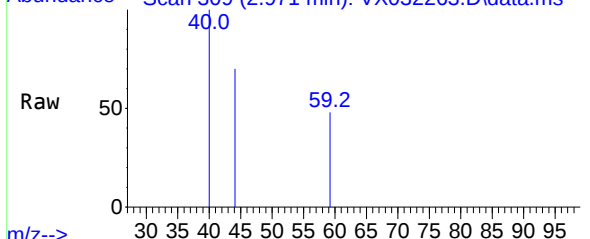
Tgt Ion: 59 Resp: 117

Ion Ratio Lower Upper

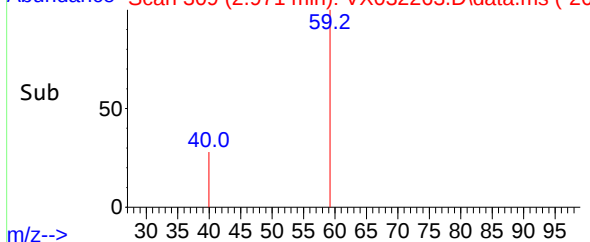
59 100

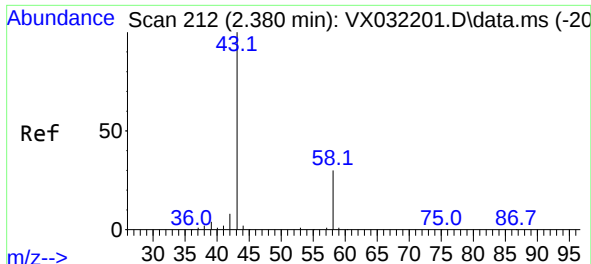
57 0.0 7.5 11.3#

Abundance Scan 309 (2.971 min): VX032263.D\data.ms



Abundance Scan 309 (2.971 min): VX032263.D\data.ms (-26)

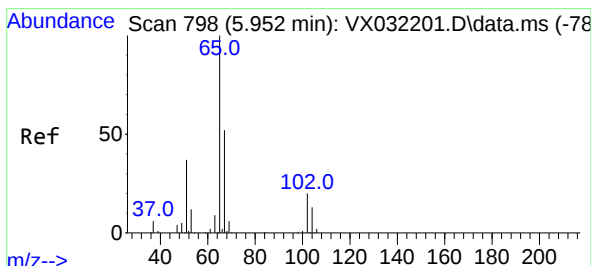
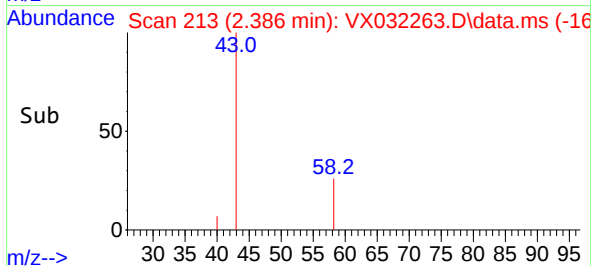
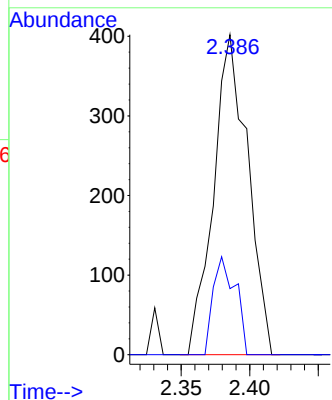
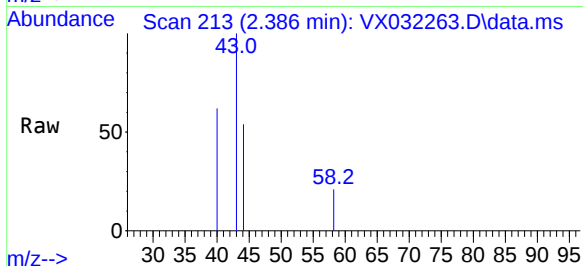




#16
Acetone
Concen: 1.060 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

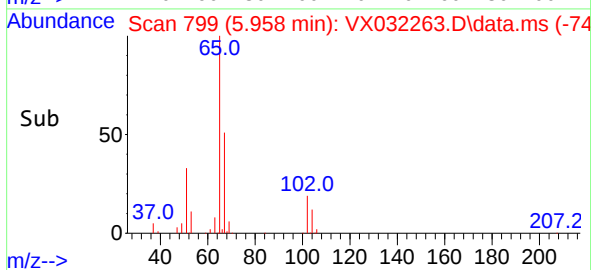
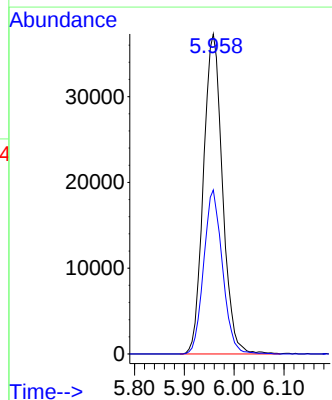
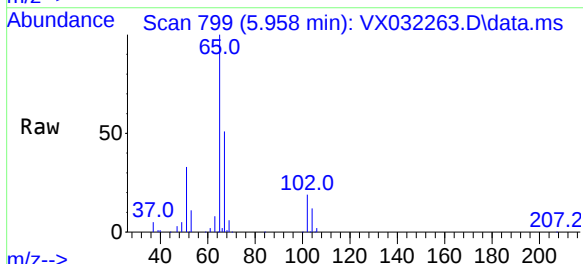
Instrument :
MSVOA_X
ClientSampleId :
EFF1022

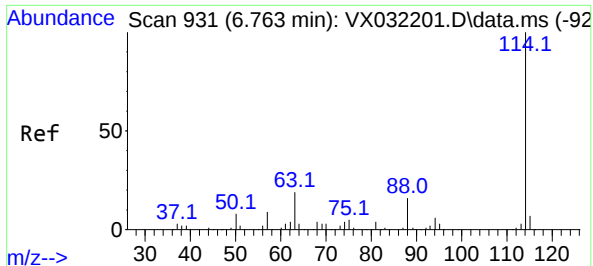
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
58 20.6 24.2 36.2#



#33
1,2-Dichloroethane-d4
Concen: 48.676 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

Tgt Ion: 65 Resp: 98921
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.6

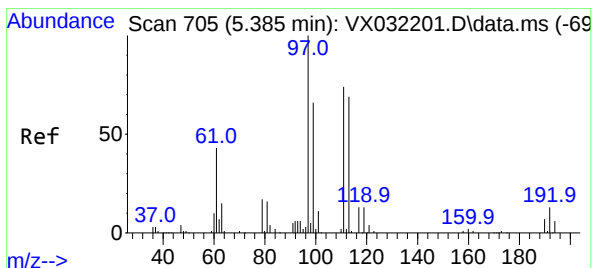
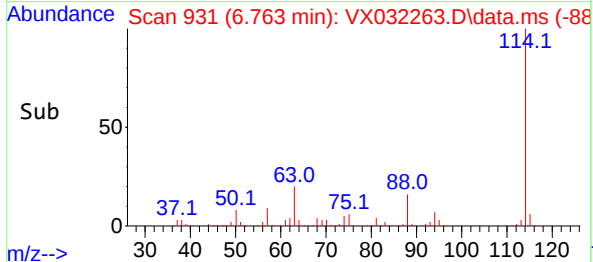
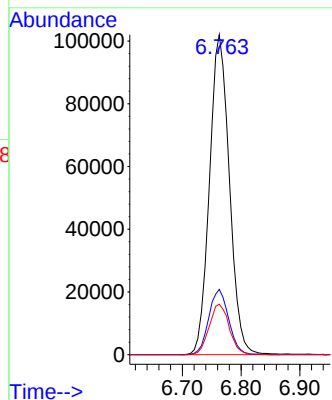
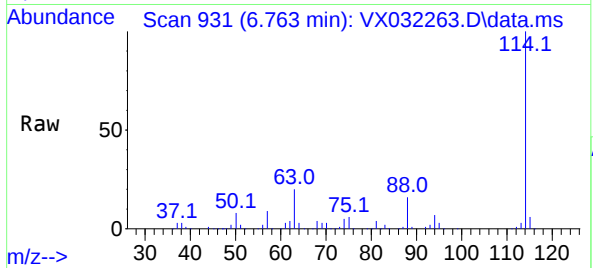




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

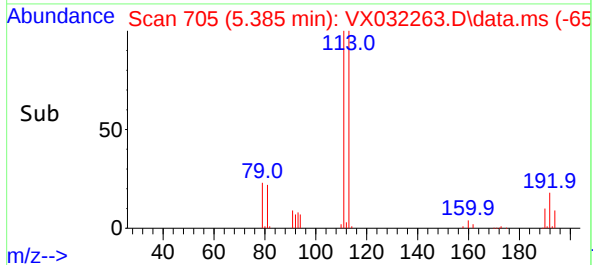
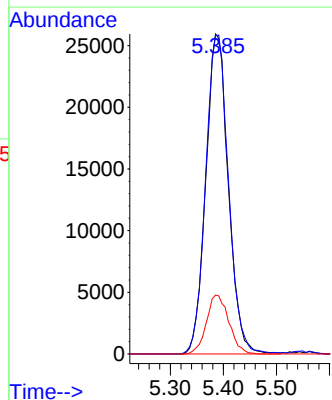
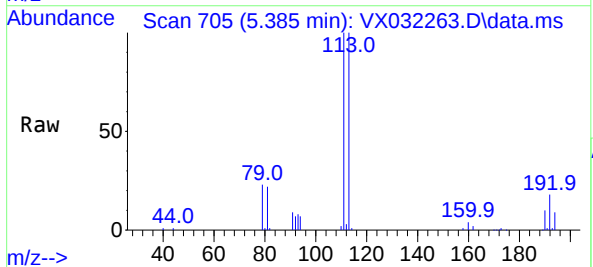
Instrument :
MSVOA_X
ClientSampleId :
EFF1022

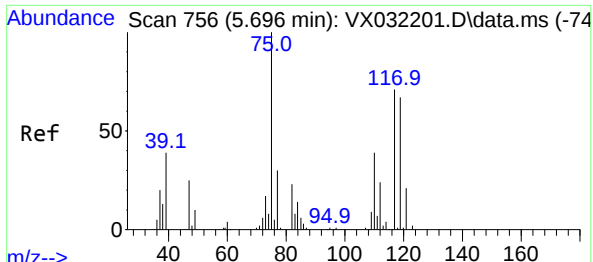
Tgt Ion:114 Resp: 239993
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.790 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

Tgt Ion:113 Resp: 76470
Ion Ratio Lower Upper
113 100
111 101.0 82.8 124.2
192 18.3 15.5 23.3





#36
1,1-Dichloropropene
Concen: 5.735 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

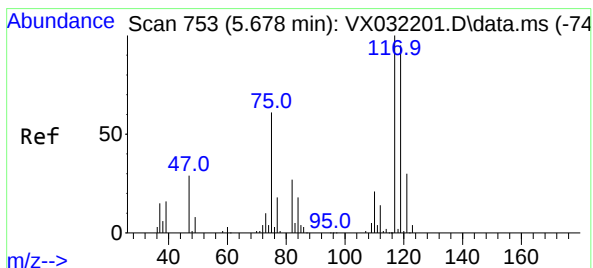
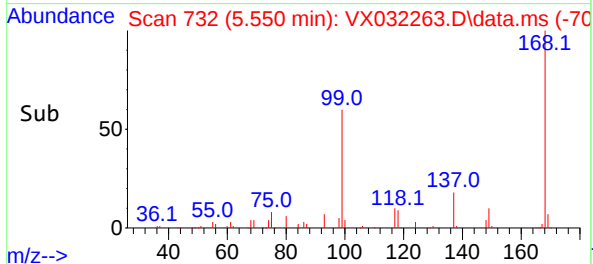
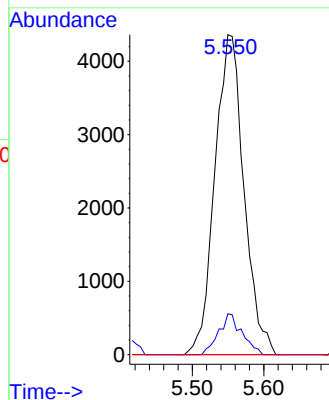
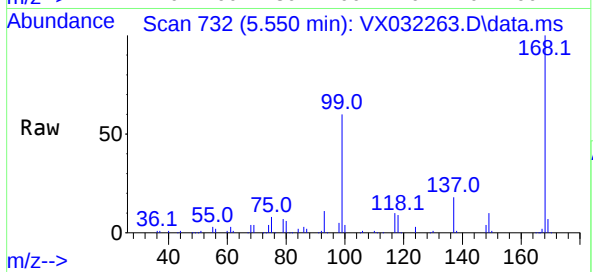
Instrument :

MSVOA_X

ClientSampleId :

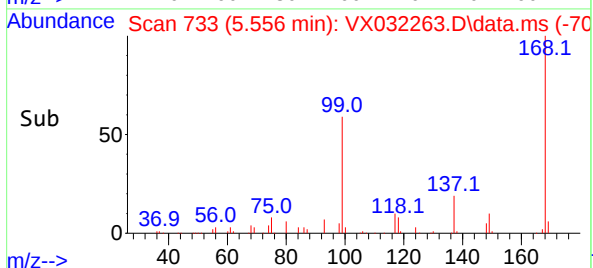
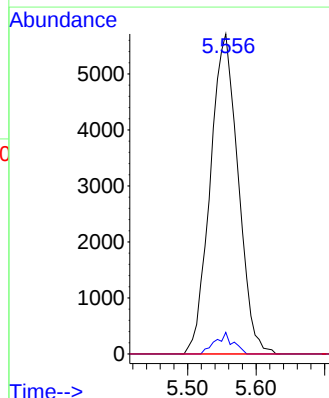
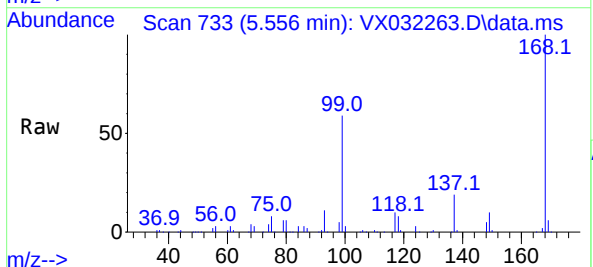
EFF1022

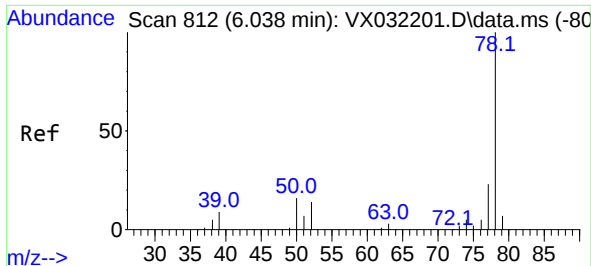
Tgt Ion: 75 Resp: 12320
Ion Ratio Lower Upper
75 100
110 10.2 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.122 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

Tgt Ion: 117 Resp: 16151
Ion Ratio Lower Upper
117 100
119 6.7 75.4 113.0#
121 0.0 23.9 35.9#

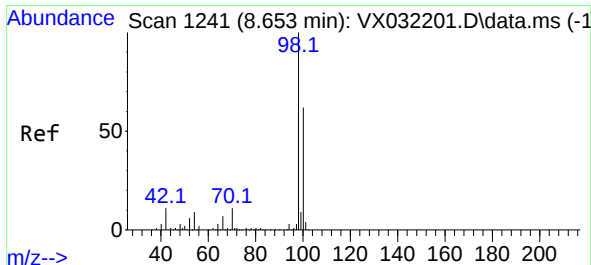
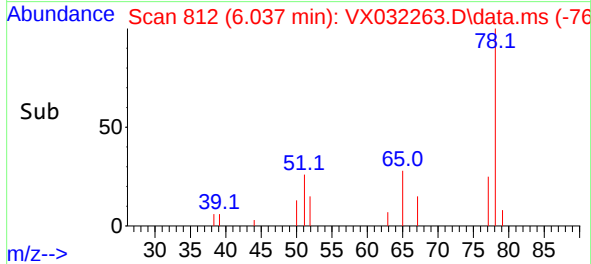
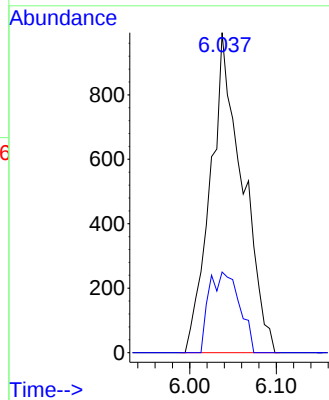
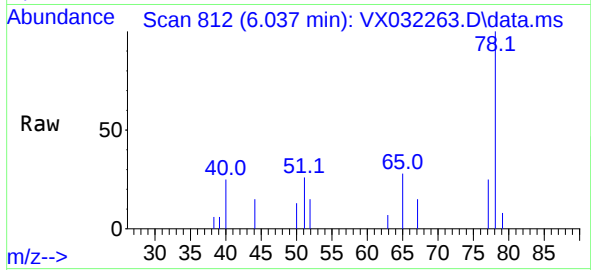




#40
Benzene
Concen: 0.409 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

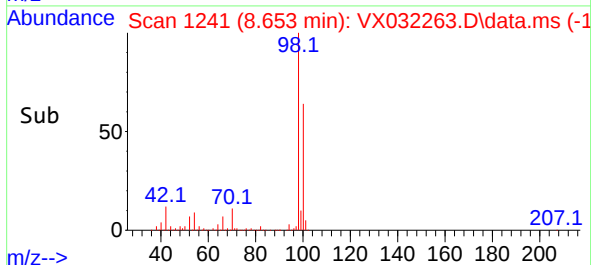
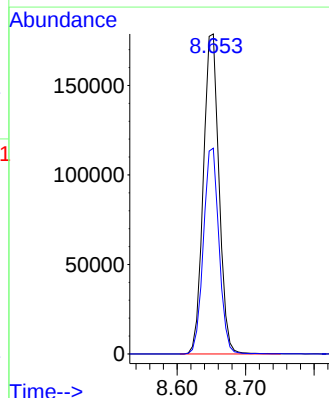
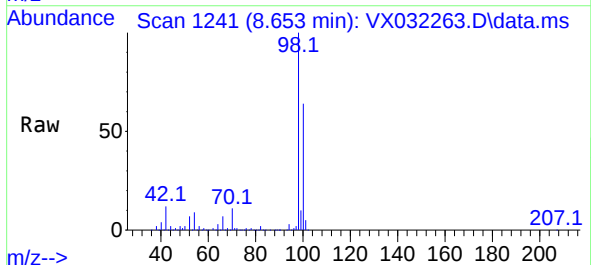
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MSVOA_X
ClientSampleId :
EFF1022

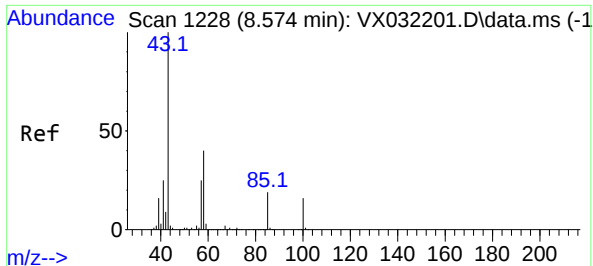
Tgt Ion: 78 Resp: 2547
Ion Ratio Lower Upper
78 100
77 25.2 18.6 27.8



#50
Toluene-d8
Concen: 47.387 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

Tgt Ion: 98 Resp: 284870
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.692 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032263.D

Acq: 20 Oct 2022 15:20

Instrument :

MSVOA_X

ClientSampleId :

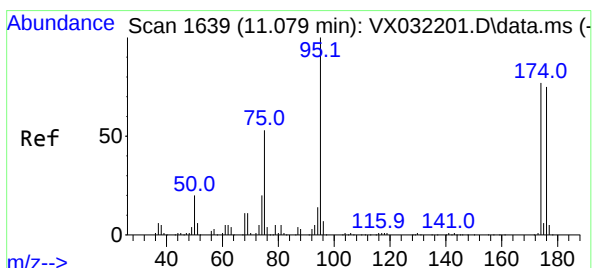
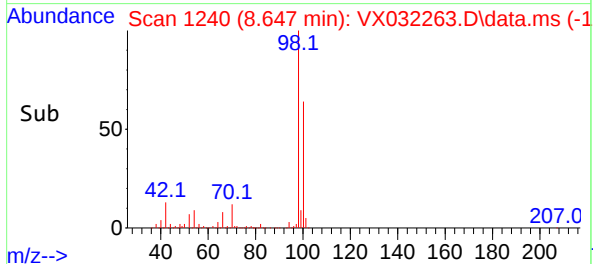
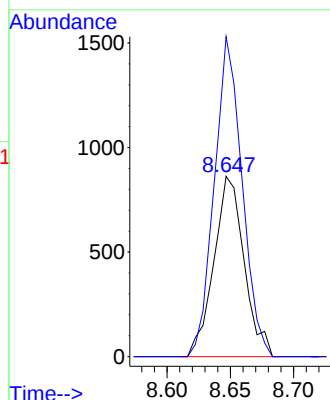
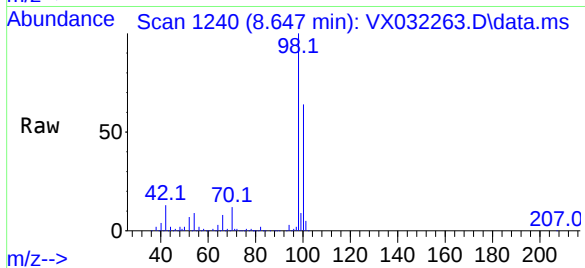
EFF1022

Tgt Ion: 43 Resp: 1433

Ion Ratio Lower Upper

43 100

58 162.7 31.0 46.4#



#62

4-Bromofluorobenzene

Concen: 45.817 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032263.D

Acq: 20 Oct 2022 15:20

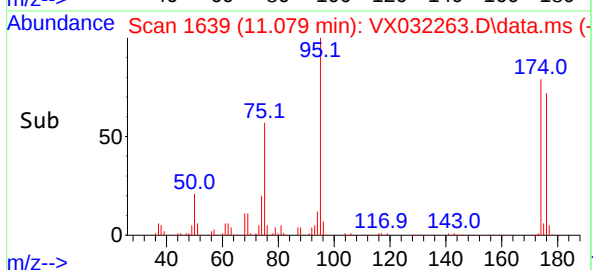
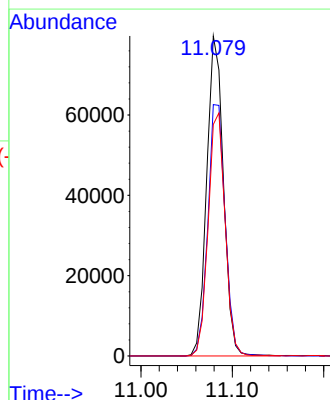
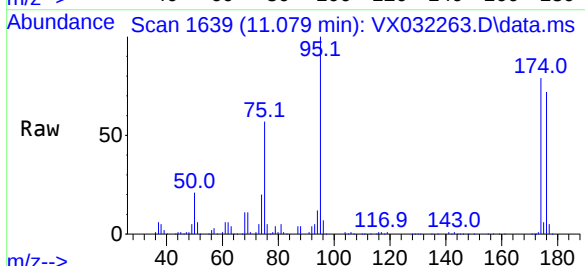
Tgt Ion: 95 Resp: 100859

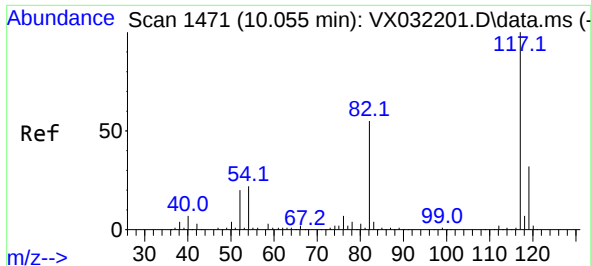
Ion Ratio Lower Upper

95 100

174 81.3 0.0 166.8

176 77.1 0.0 161.4

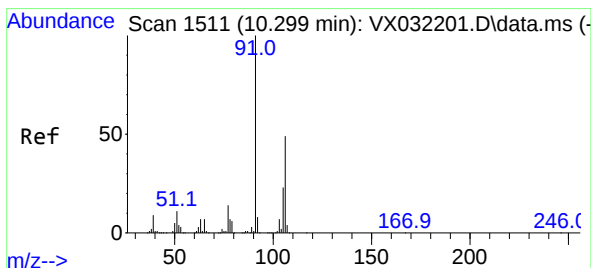
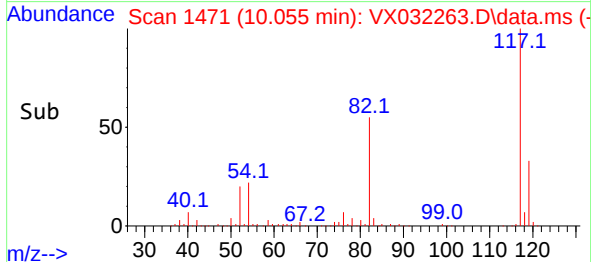
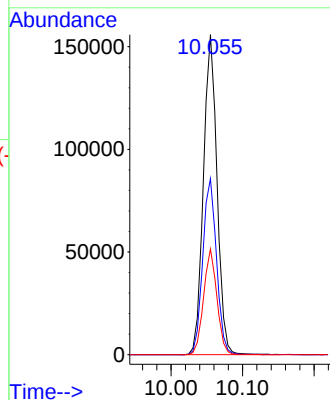
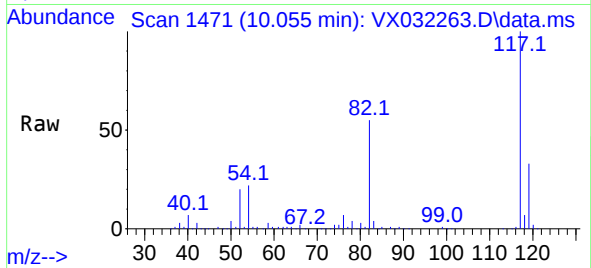




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

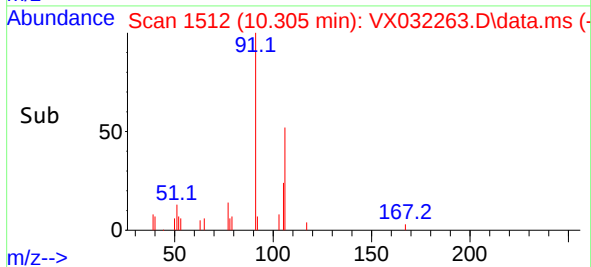
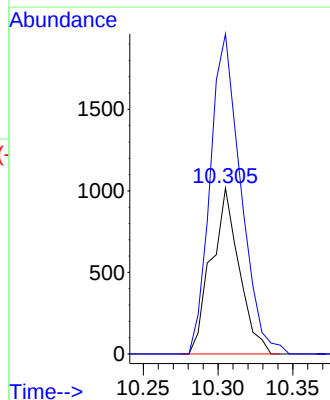
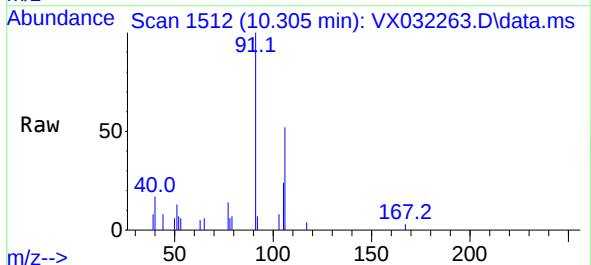
Instrument :
MSVOA_X
ClientSampleId :
EFF1022

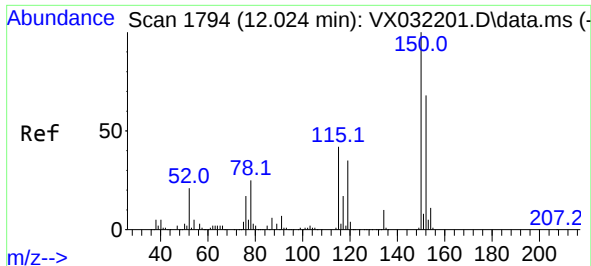
Tgt Ion:117 Resp: 206289
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.4
119 33.1 25.8 38.8



#68
m/p-Xylenes
Concen: 0.445 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

Tgt Ion:106 Resp: 1316
Ion Ratio Lower Upper
106 100
91 211.8 162.6 244.0

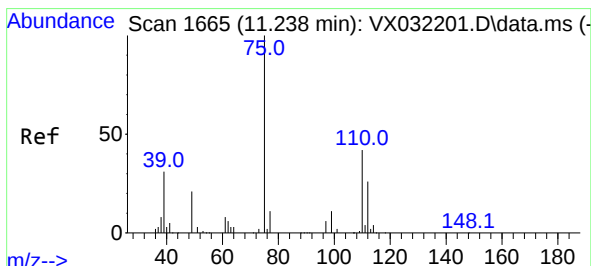
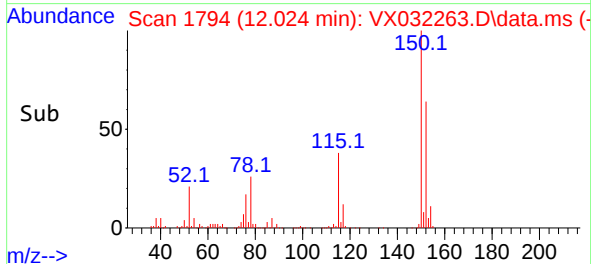
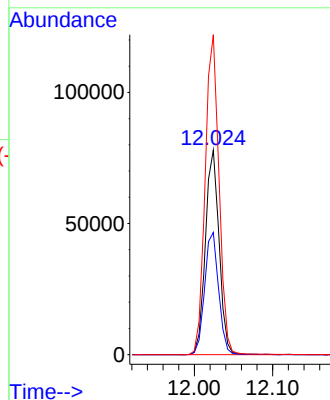
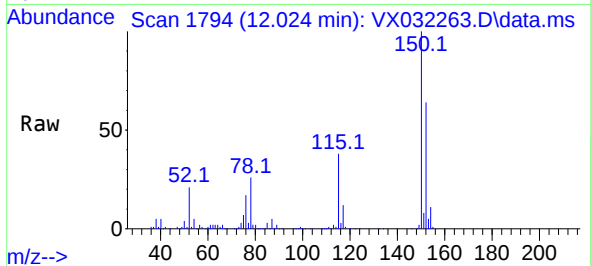




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

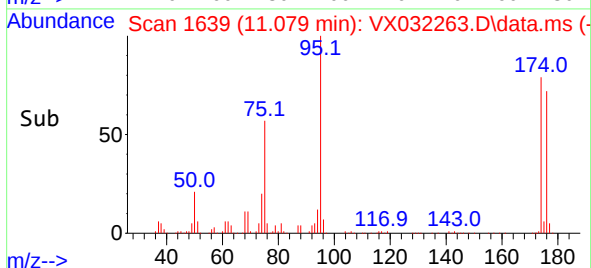
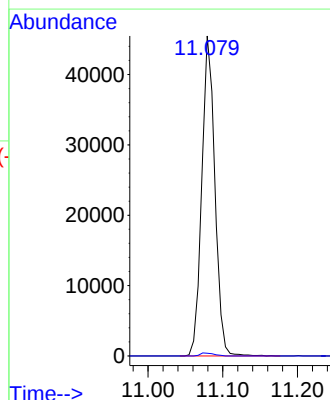
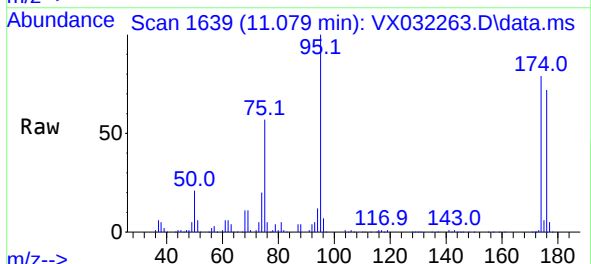
Instrument :
MSVOA_X
ClientSampleId :
EFF1022

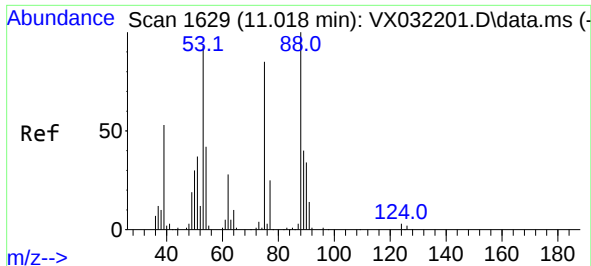
Tgt Ion:152 Resp: 94616
Ion Ratio Lower Upper
152 100
115 61.1 43.1 129.4
150 158.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 29.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032263.D
Acq: 20 Oct 2022 15:20

Tgt Ion: 75 Resp: 55307
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.325 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032263.D
 Acq: 20 Oct 2022 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF1022

Tgt Ion: 75 Resp: 55307
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

