

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033664.D
 Acq On : 09 Jan 2023 15:37
 Operator : JC/MD
 Sample : 01059-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(JAN)

Quant Time: Jan 10 00:47:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

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

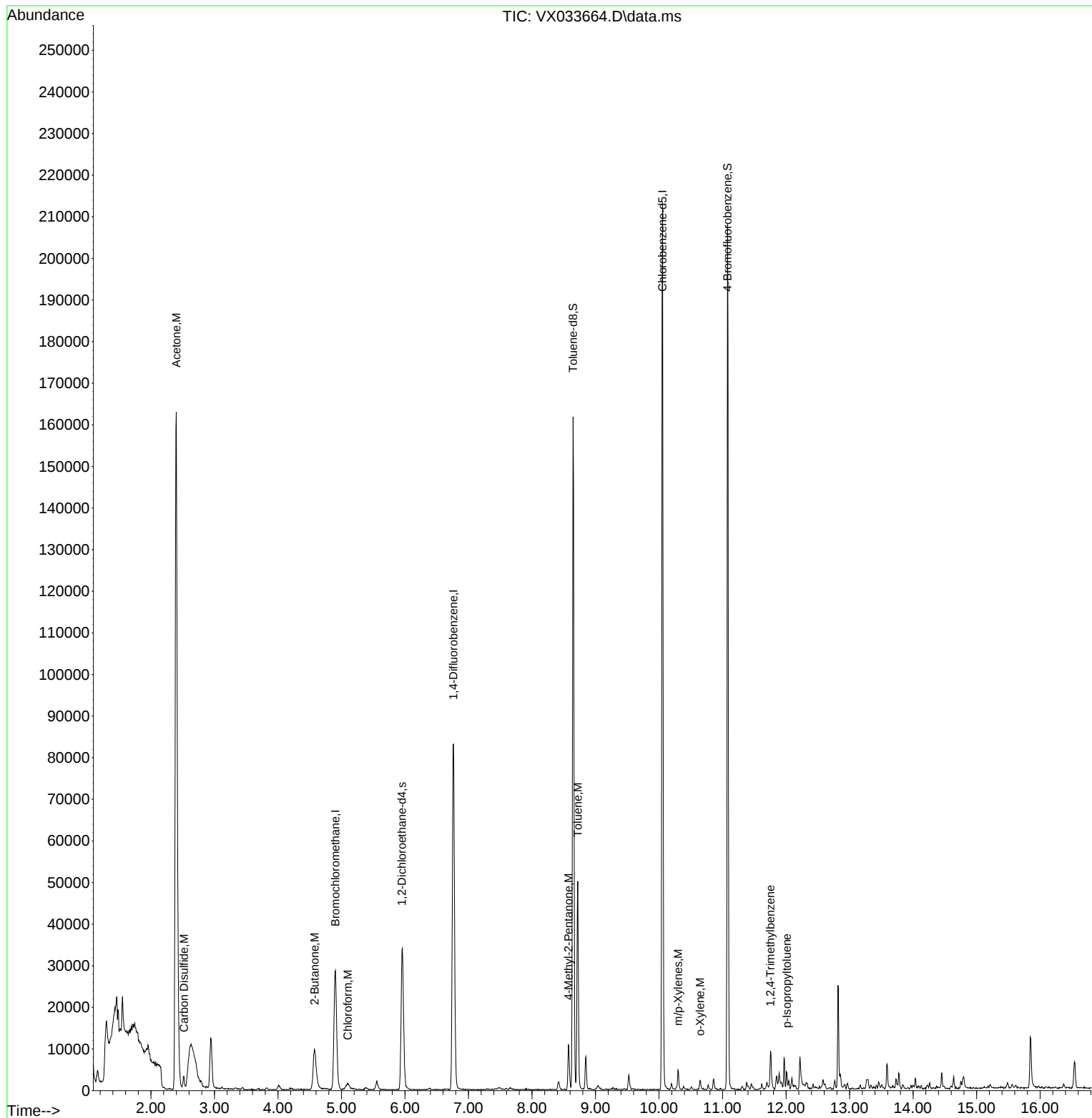
Internal Standards						
1) Bromochloromethane	4.903	128	12678	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	88848	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	97339	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	34100	33.218	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.733%#
60) 4-Bromofluorobenzene	11.079	95	52188	29.747	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.167%
63) Toluene-d8	8.647	98	94558	30.354	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.167%
Target Compounds						
					Qvalue	
15) Acetone	2.398	58	70850	468.208	ug/l	85
16) Carbon Disulfide	2.520	76	3427	1.216	ug/l	96
25) Chloroform	5.099	83	1306	0.528	ug/l #	78
30) 2-Butanone	4.574	43	11753	11.719	ug/l #	97
58) 4-Methyl-2-Pentanone	8.574	43	7290	3.770	ug/l	98
62) Toluene	8.720	91	32441	5.294	ug/l	99
67) m/p-Xylenes	10.299	106	1289	0.478	ug/l	99
68) o-Xylene	10.646	106	537	0.203	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	2727	0.484	ug/l	94
82) p-Isopropyltoluene	12.012	119	2032	0.333	ug/l	97

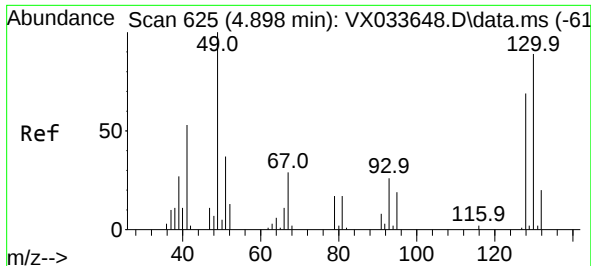
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
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ClientSampleId :
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.903 min Scan# 61

Delta R.T. 0.005 min

Lab File: VX033664.D

Acq: 09 Jan 2023 15:37

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JAN)

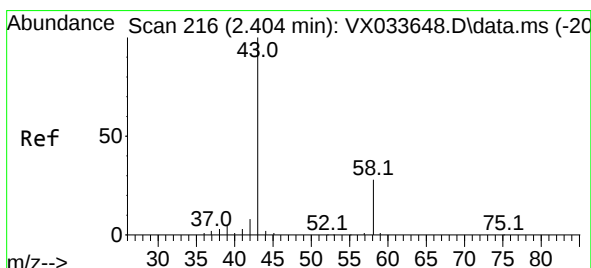
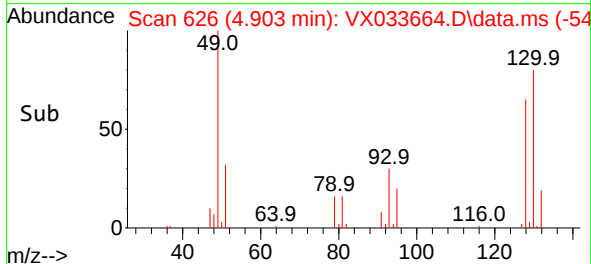
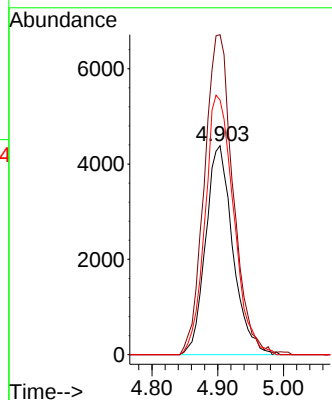
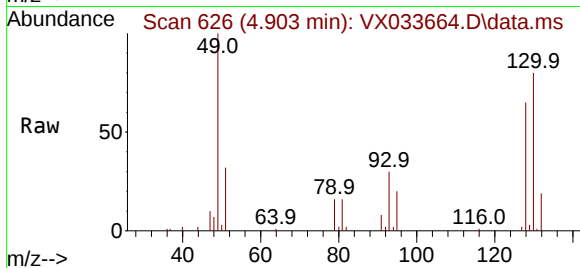
Tgt Ion:128 Resp: 12678

Ion Ratio Lower Upper

128 100

49 160.7 0.0 398.5

130 130.4 0.0 329.0



#15

Acetone

Concen: 468.208 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX033664.D

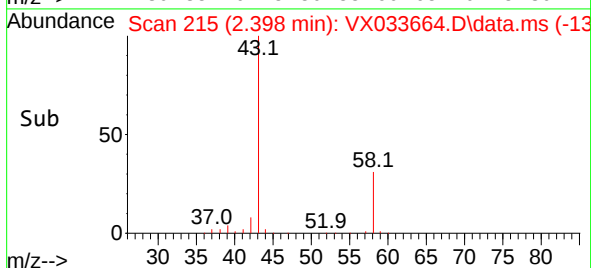
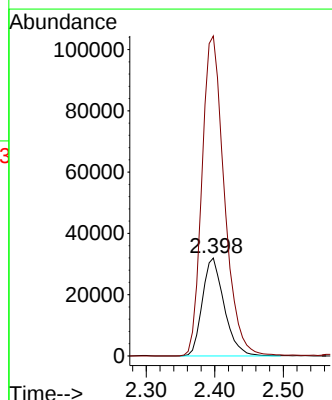
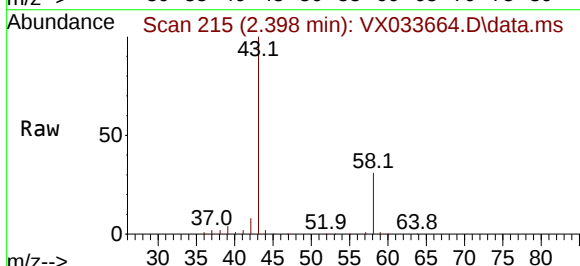
Acq: 09 Jan 2023 15:37

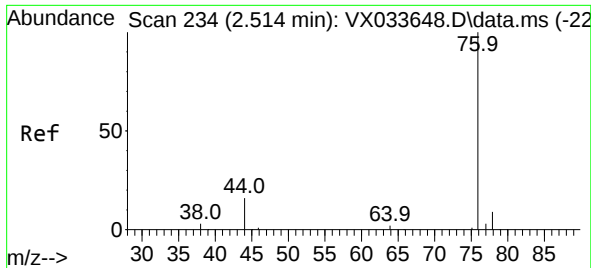
Tgt Ion: 58 Resp: 70850

Ion Ratio Lower Upper

58 100

43 326.5 288.3 432.5

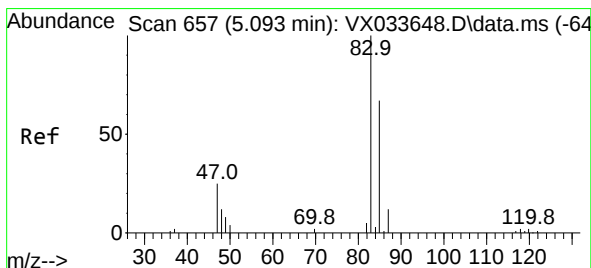
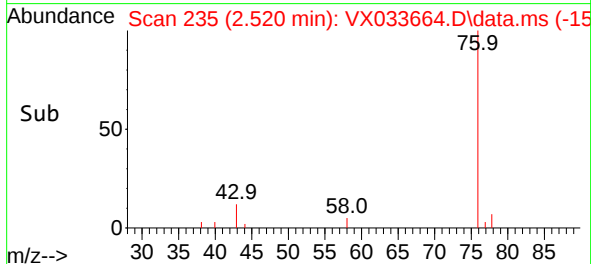
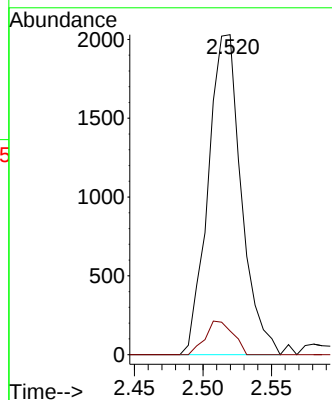
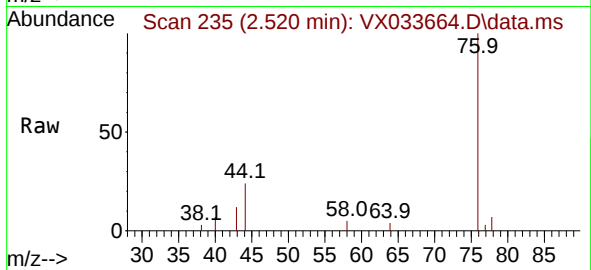




#16
Carbon Disulfide
Concen: 1.216 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033664.D
Acq: 09 Jan 2023 15:37

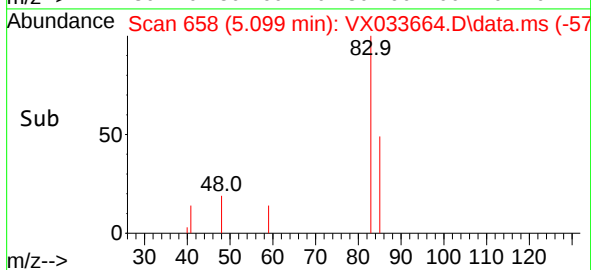
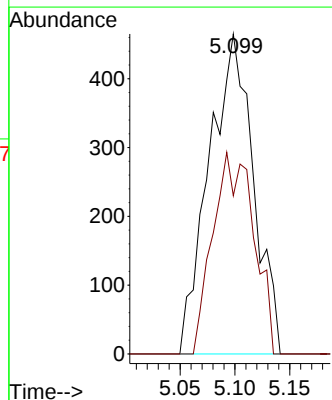
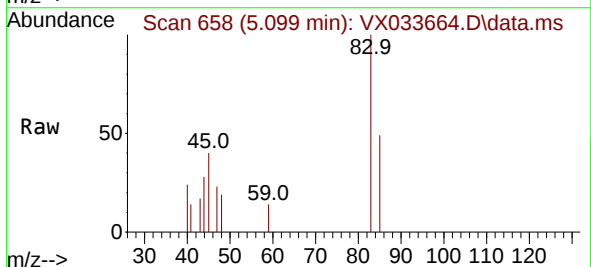
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

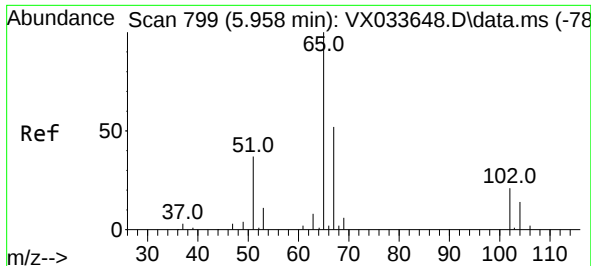
Tgt Ion: 76 Resp: 3427
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.4



#25
Chloroform
Concen: 0.528 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX033664.D
Acq: 09 Jan 2023 15:37

Tgt Ion: 83 Resp: 1306
Ion Ratio Lower Upper
83 100
85 49.5 53.9 80.9#

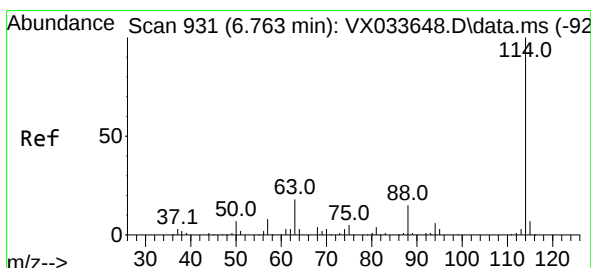
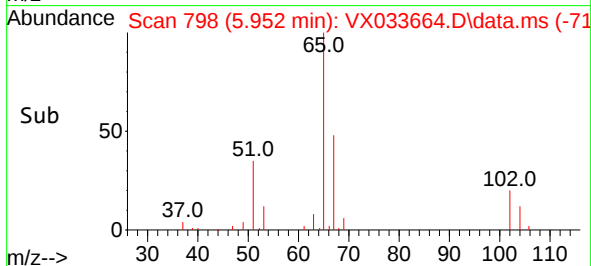
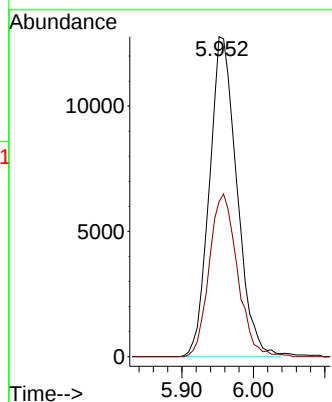
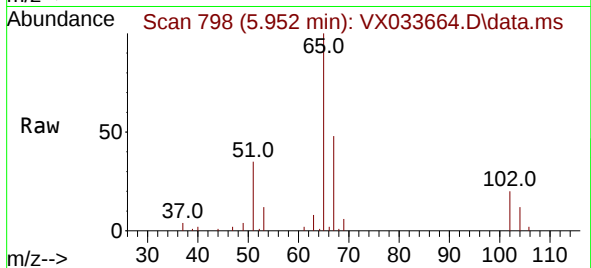




#27
 1,2-Dichloroethane-d4
 Concen: 33.218 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX033664.D
 Acq: 09 Jan 2023 15:37

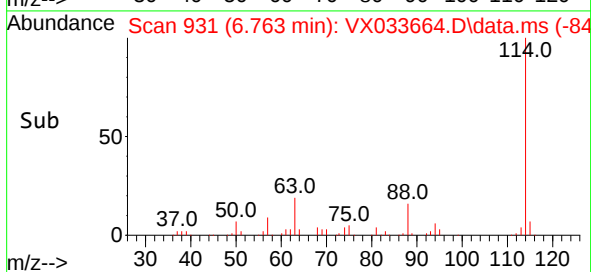
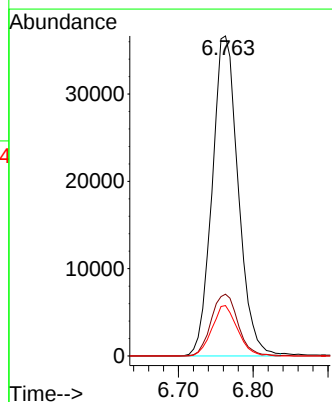
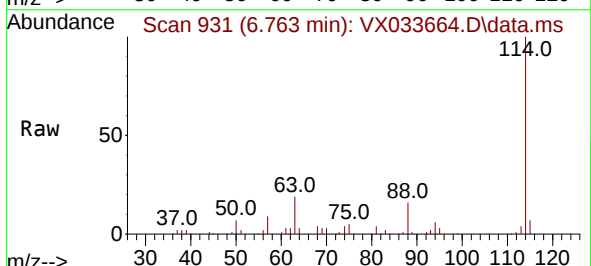
Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(JAN)

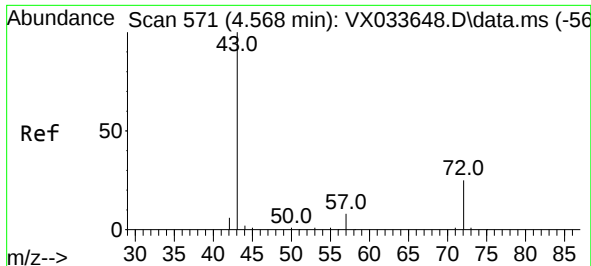
Tgt Ion: 65 Resp: 34100
 Ion Ratio Lower Upper
 65 100
 67 51.9 40.4 60.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033664.D
 Acq: 09 Jan 2023 15:37

Tgt Ion: 114 Resp: 88848
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.5 23.3
 88 15.4 12.4 18.6

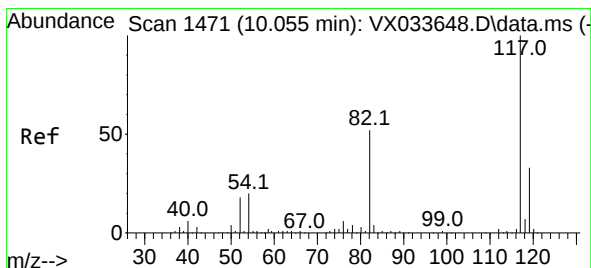
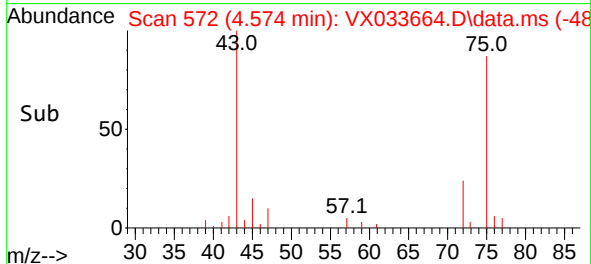
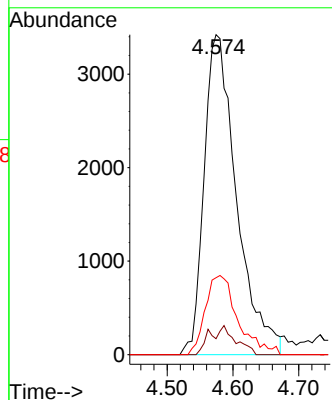
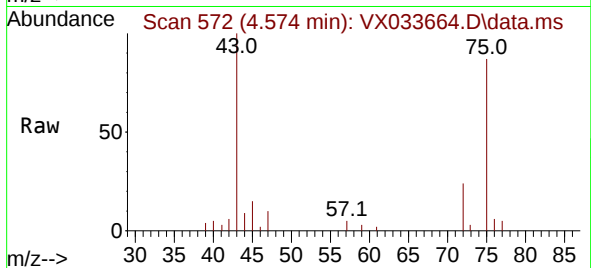




#30
2-Butanone
Concen: 11.719 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033664.D
Acq: 09 Jan 2023 15:37

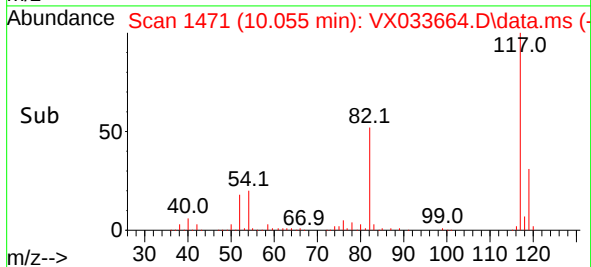
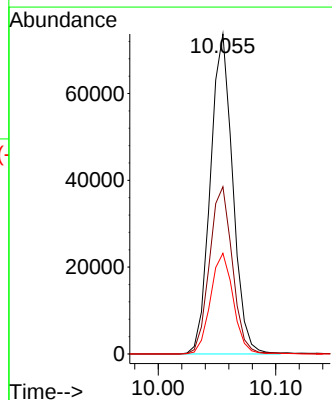
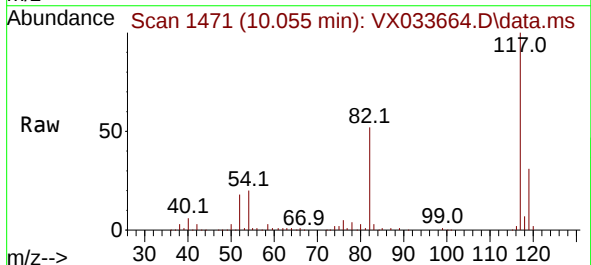
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

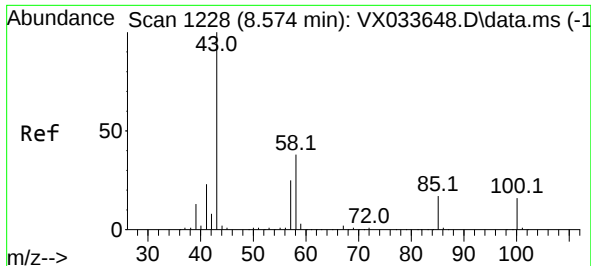
Tgt Ion: 43 Resp: 11753
Ion Ratio Lower Upper
43 100
57 2.0 3.4 5.2#
72 23.7 19.8 29.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033664.D
Acq: 09 Jan 2023 15:37

Tgt Ion: 117 Resp: 97339
Ion Ratio Lower Upper
117 100
82 53.4 41.9 62.9
119 32.0 25.6 38.4





#58

4-Methyl-2-Pentanone

Concen: 3.770 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033664.D

Acq: 09 Jan 2023 15:37

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JAN)

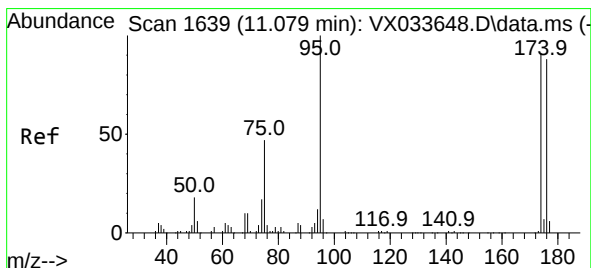
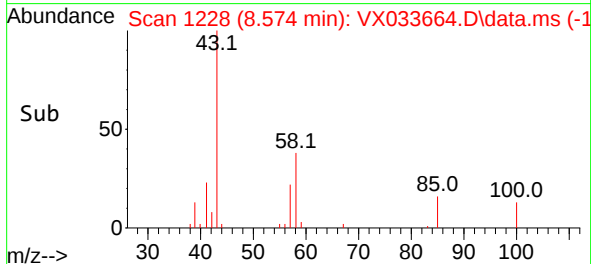
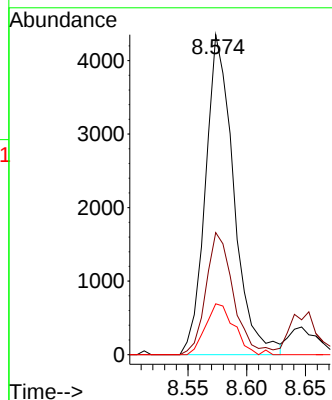
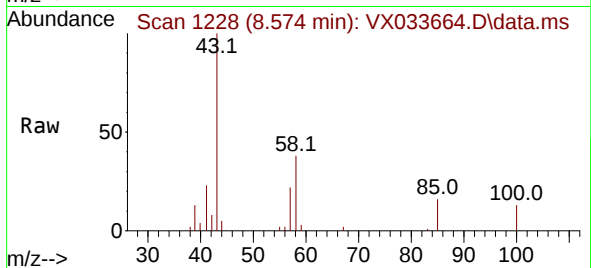
Tgt Ion: 43 Resp: 7290

Ion Ratio Lower Upper

43 100

58 37.0 30.2 45.4

85 15.9 13.8 20.8



#60

4-Bromofluorobenzene

Concen: 29.747 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033664.D

Acq: 09 Jan 2023 15:37

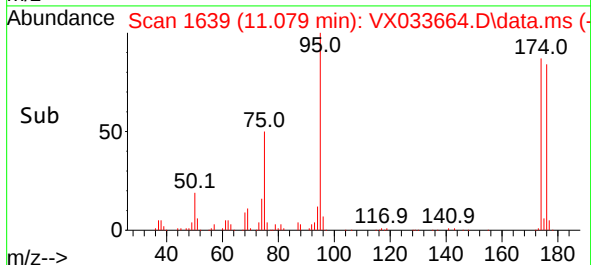
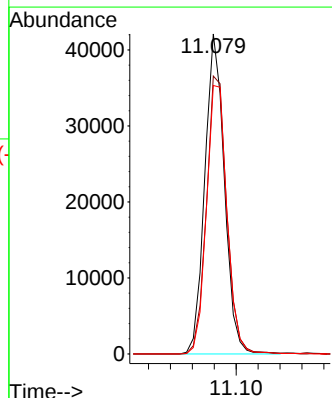
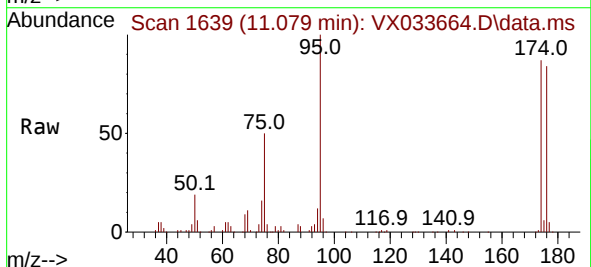
Tgt Ion: 95 Resp: 52188

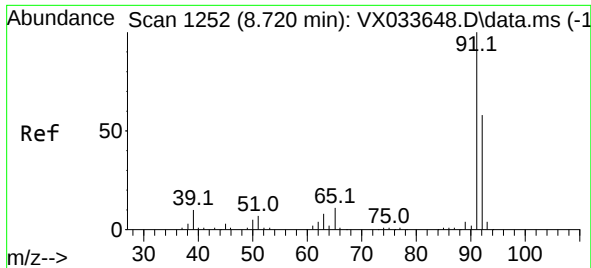
Ion Ratio Lower Upper

95 100

174 90.3 73.7 110.5

176 87.9 71.0 106.4





#62

Toluene

Concen: 5.294 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033664.D

Acq: 09 Jan 2023 15:37

Instrument :

MSVOA_X

ClientSampleId :

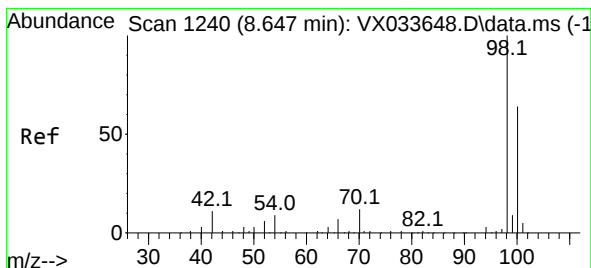
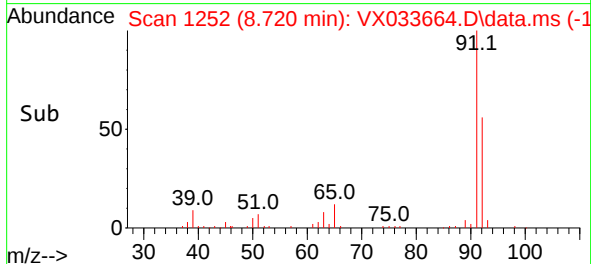
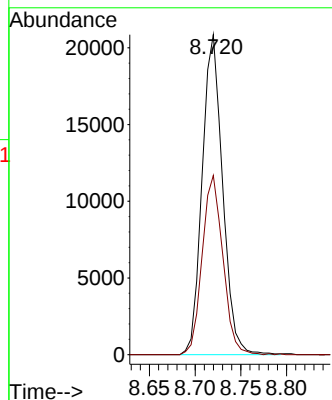
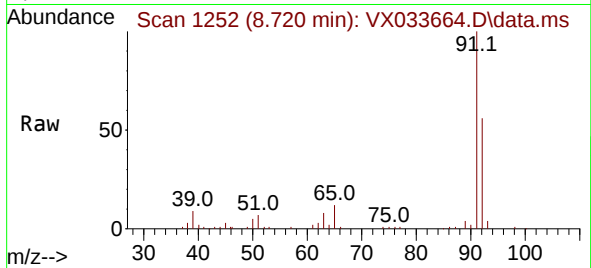
002-35TH-AVE(JAN)

Tgt Ion: 91 Resp: 32441

Ion Ratio Lower Upper

91 100

92 56.5 45.8 68.8



#63

Toluene-d8

Concen: 30.354 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033664.D

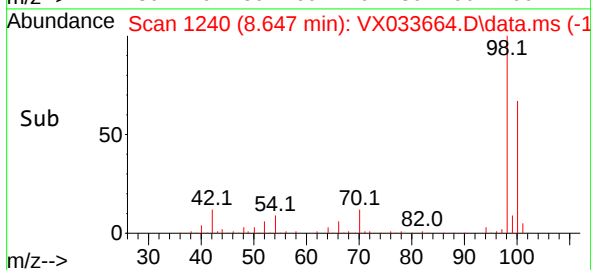
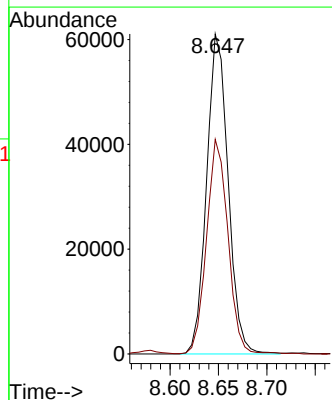
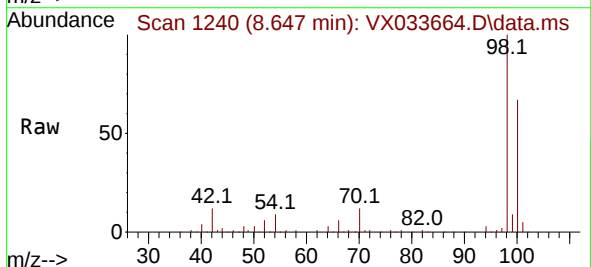
Acq: 09 Jan 2023 15:37

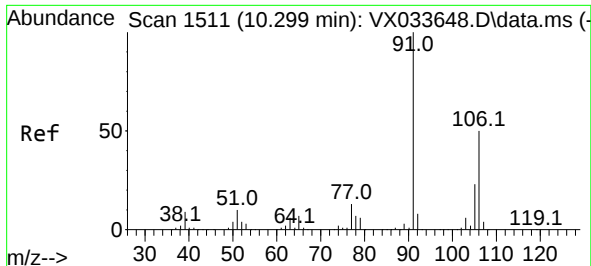
Tgt Ion: 98 Resp: 94558

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

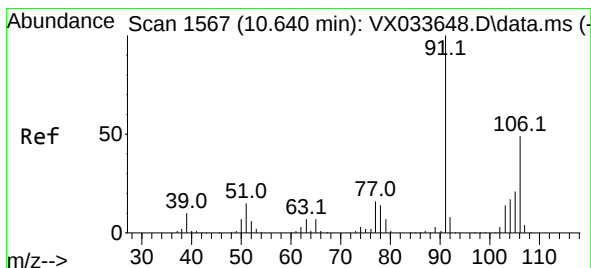
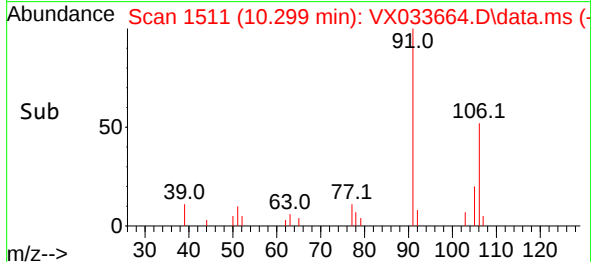
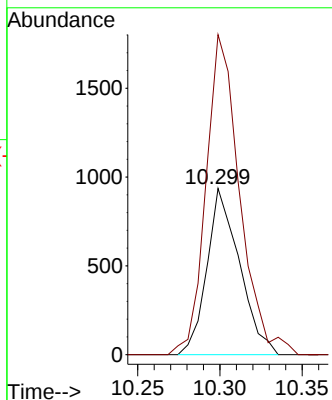
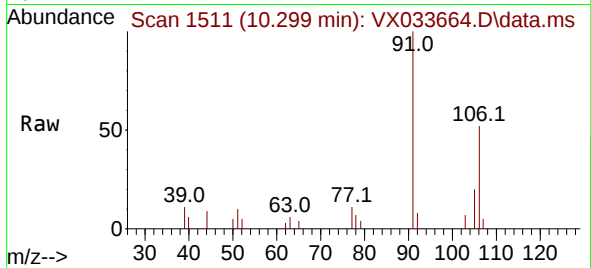




#67
m/p-Xylenes
Concen: 0.478 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033664.D
Acq: 09 Jan 2023 15:37

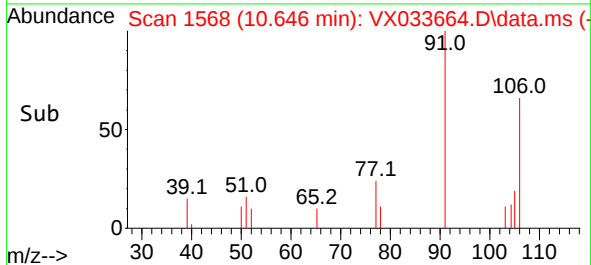
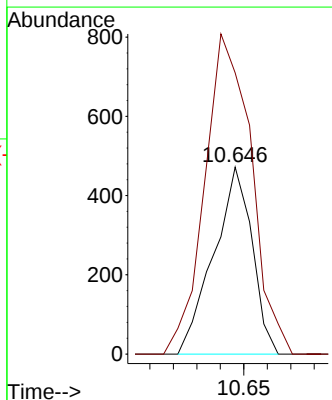
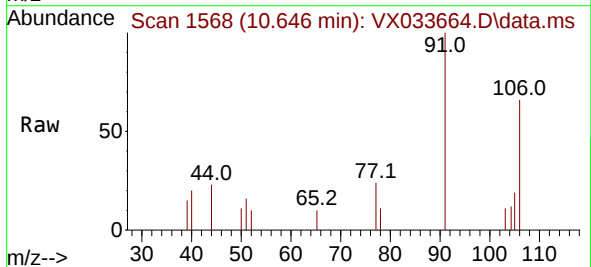
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

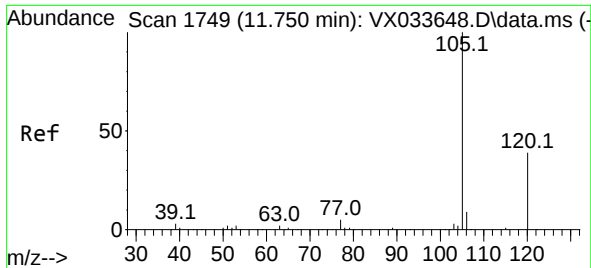
Tgt Ion:106 Resp: 1289
Ion Ratio Lower Upper
106 100
91 195.2 157.3 235.9



#68
o-Xylene
Concen: 0.203 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033664.D
Acq: 09 Jan 2023 15:37

Tgt Ion:106 Resp: 537
Ion Ratio Lower Upper
106 100
91 206.7 104.6 313.8

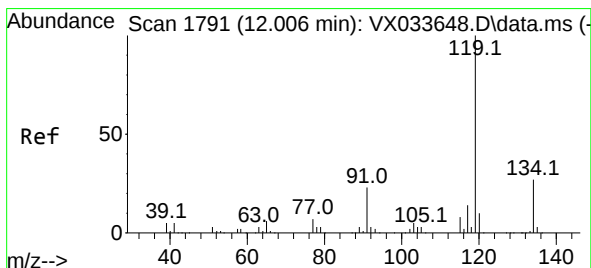
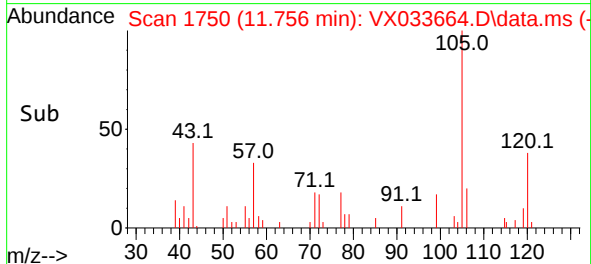
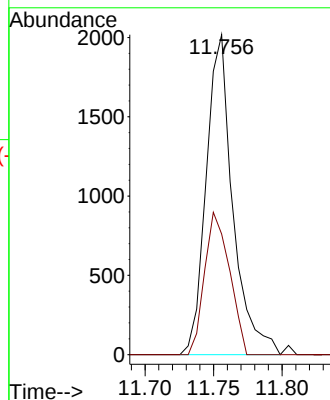
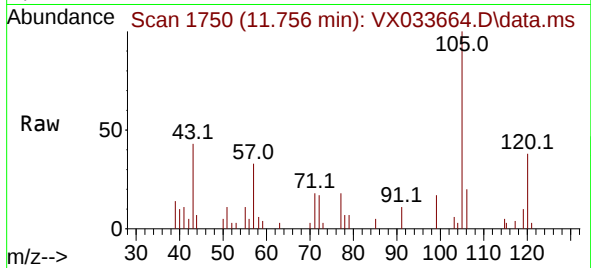




#80
1,2,4-Trimethylbenzene
Concen: 0.484 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033664.D
Acq: 09 Jan 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

Tgt Ion:105 Resp: 2727
Ion Ratio Lower Upper
105 100
120 41.6 0.0 91.2



#82
p-Isopropyltoluene
Concen: 0.333 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX033664.D
Acq: 09 Jan 2023 15:37

Tgt Ion:119 Resp: 2032
Ion Ratio Lower Upper
119 100
134 27.1 0.0 54.4
91 25.4 0.0 45.2

