

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035044.D
 Acq On : 12 Apr 2023 14:12
 Operator : JC/MD
 Sample : 02267-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33988

Quant Time: Apr 13 02:34:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

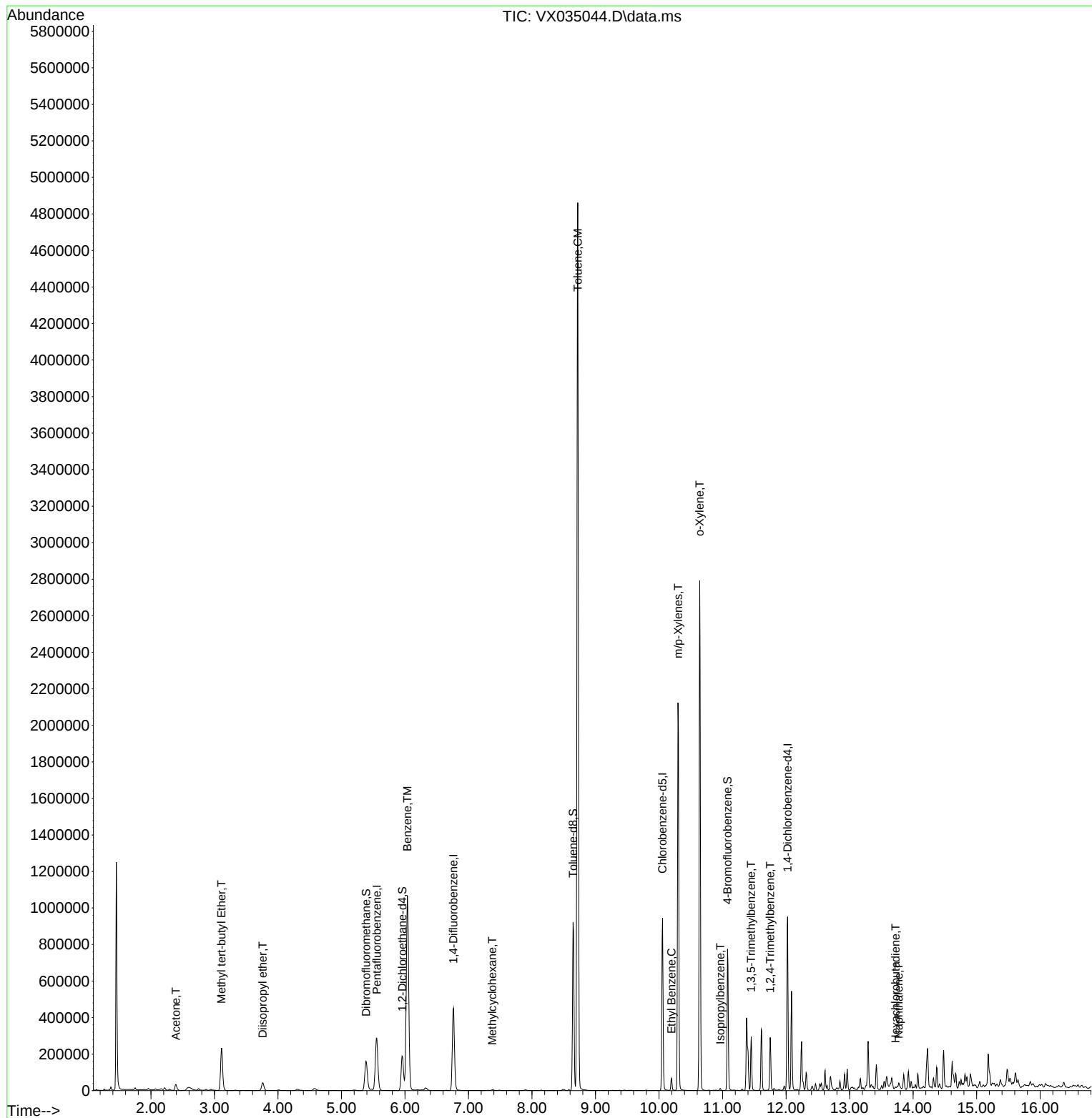
Internal Standards						
1) Pentafluorobenzene	5.556	168	268756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	458118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185754	45.193	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.380%
35) Dibromofluoromethane	5.385	113	144265	47.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	8.647	98	551097	49.275	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	208981	48.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.580%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	43236	25.894	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	250775	24.549	ug/l	97
22) Diisopropyl ether	3.757	45	47299	4.337	ug/l #	76
39) Methylcyclohexane	7.373	83	2079	0.436	ug/l #	93
40) Benzene	6.037	78	1258906	97.692	ug/l	100
52) Toluene	8.720	92	1837087	218.642	ug/l	96
67) Ethyl Benzene	10.195	91	38615	2.478	ug/l	91
68) m/p-Xylenes	10.299	106	479644	80.565	ug/l	99
69) o-Xylene	10.640	106	596656	102.303	ug/l	100
73) Isopropylbenzene	10.963	105	5571	0.389	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	122801	10.245	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	123713	10.150	ug/l	100
94) Hexachlorobutadiene	13.725	225	503	0.312	ug/l	90
95) Naphthalene	13.774	128	19490	1.497	ug/l #	93

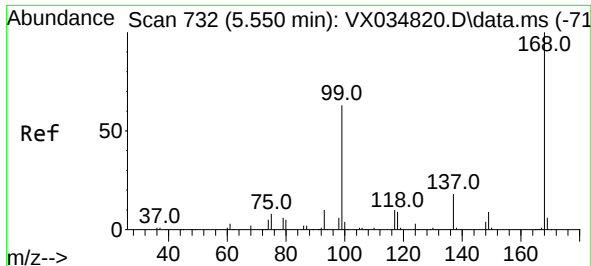
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
Data File : VX035044.D
Acq On : 12 Apr 2023 14:12
Operator : JC/MD
Sample : 02267-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33988

Quant Time: Apr 13 02:34:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

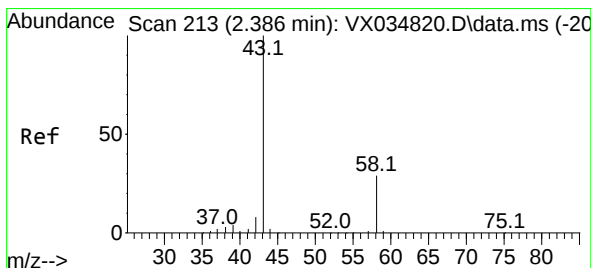
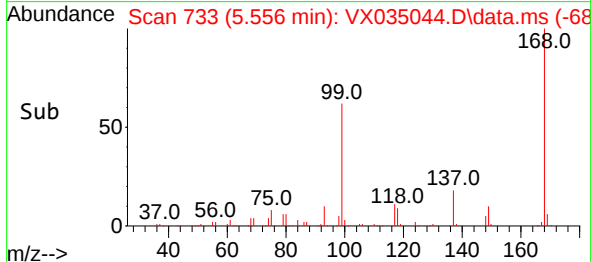
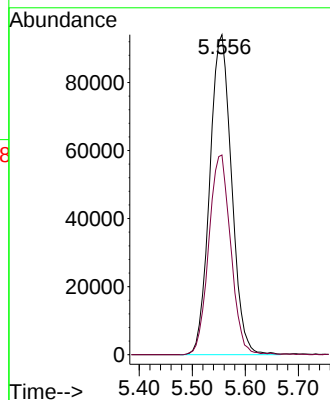
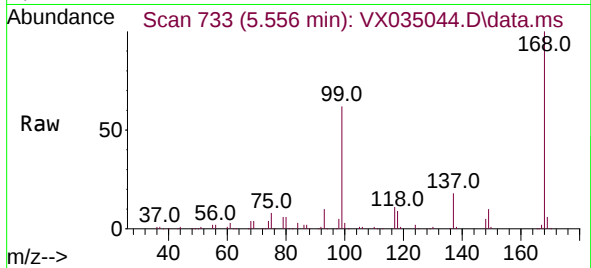




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

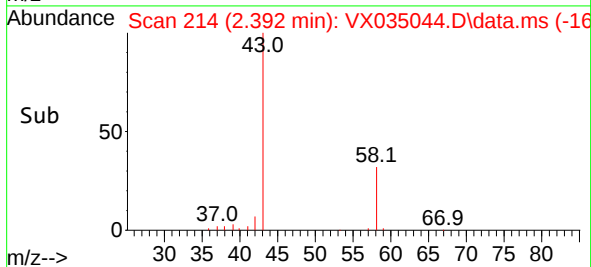
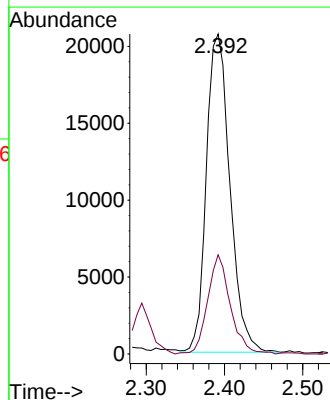
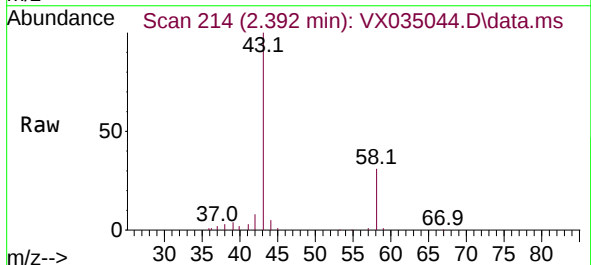
Instrument :
MSVOA_X
ClientSampleId :
33988

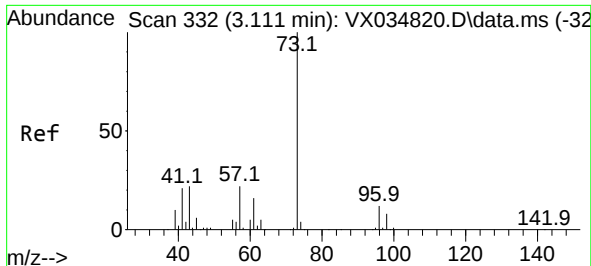
Tgt Ion:168 Resp: 268756
Ion Ratio Lower Upper
168 100
99 62.4 45.7 68.5



#16
Acetone
Concen: 25.894 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 43 Resp: 43236
Ion Ratio Lower Upper
43 100
58 30.9 24.7 37.1

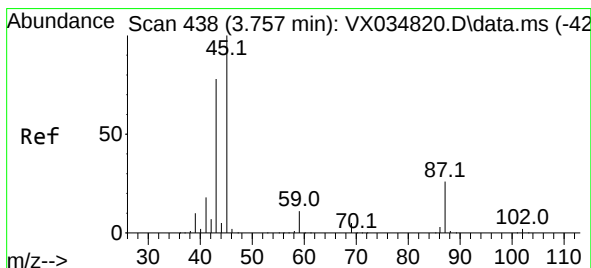
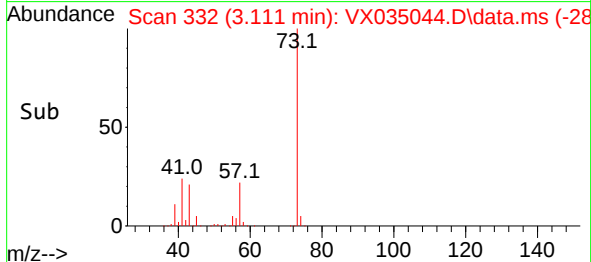
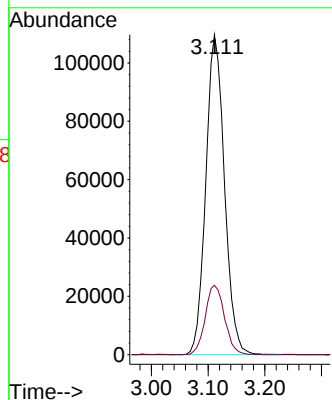
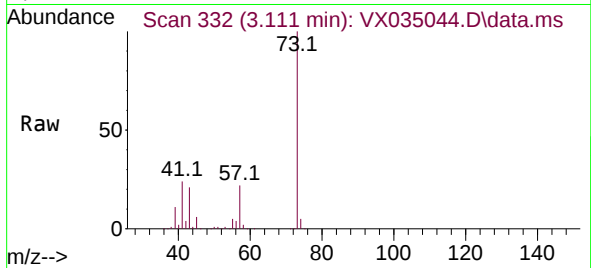




#19
Methyl tert-butyl Ether
Concen: 24.549 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

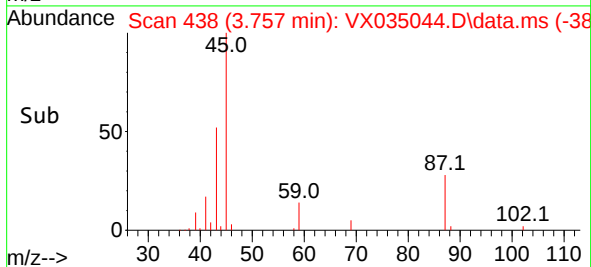
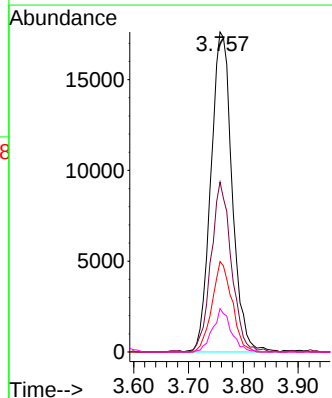
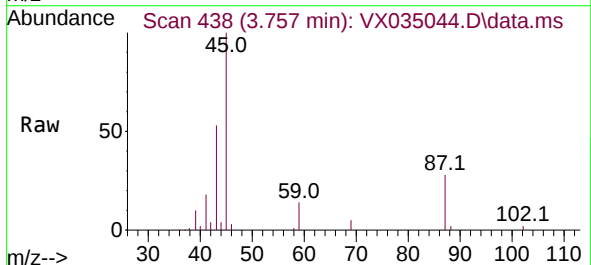
Instrument :
MSVOA_X
ClientSampleId :
33988

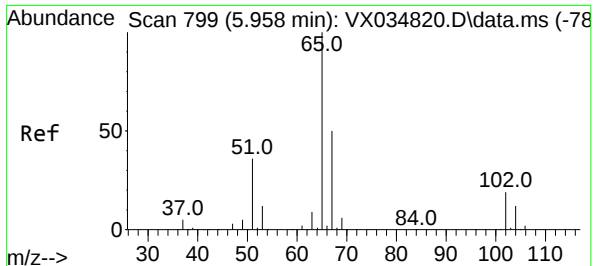
Tgt Ion: 73 Resp: 250775
Ion Ratio Lower Upper
73 100
57 21.7 18.5 27.7



#22
Diisopropyl ether
Concen: 4.337 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 45 Resp: 47299
Ion Ratio Lower Upper
45 100
43 53.1 65.4 98.2#
87 28.3 20.6 31.0
59 13.5 9.0 13.6





#33

1,2-Dichloroethane-d4

Concen: 45.193 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

Instrument :

MSVOA_X

ClientSampleId :

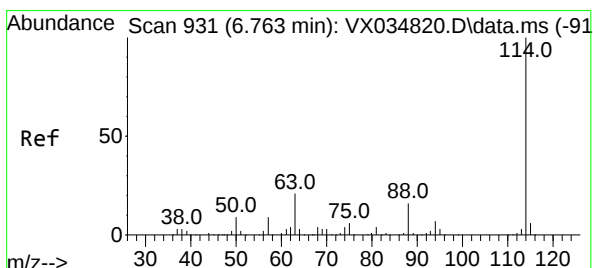
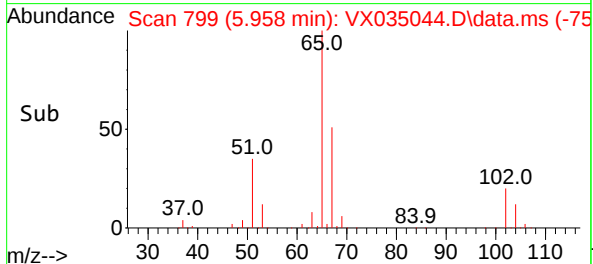
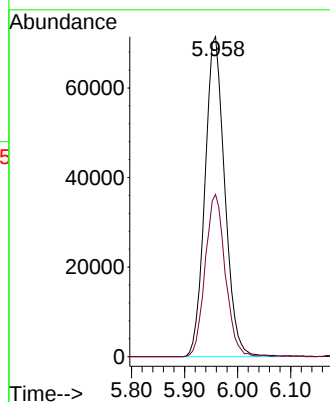
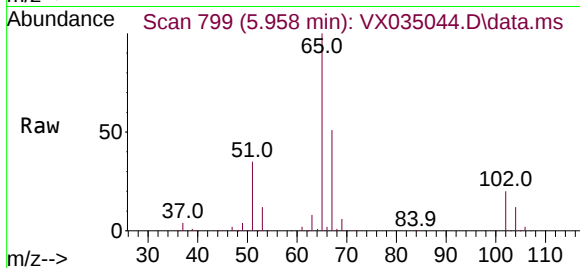
33988

Tgt Ion: 65 Resp: 185754

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

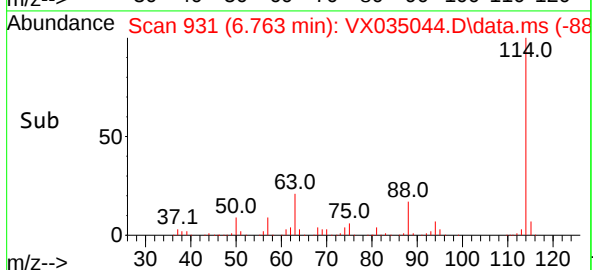
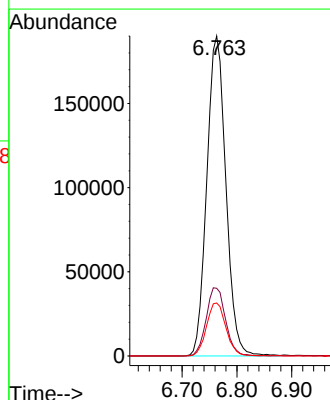
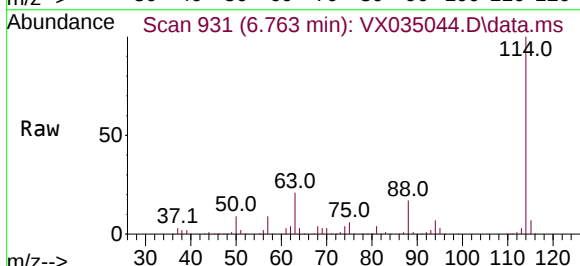
Tgt Ion: 114 Resp: 458118

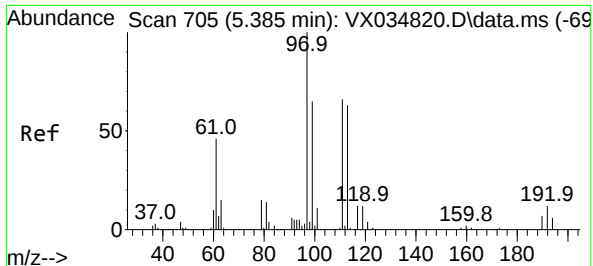
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.2

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.611 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

Instrument :

MSVOA_X

ClientSampleId :

33988

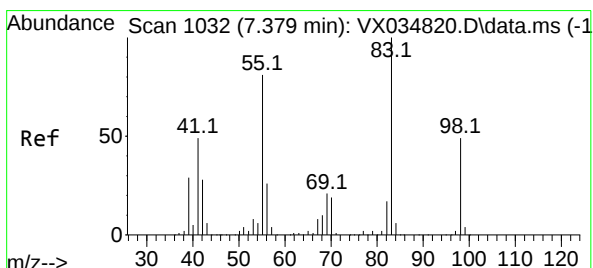
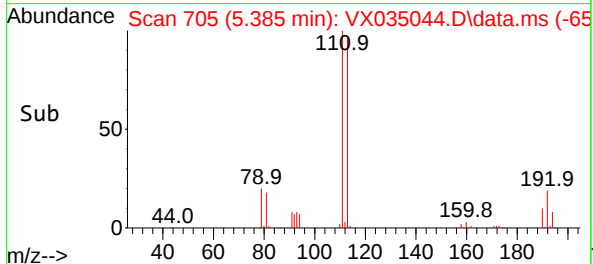
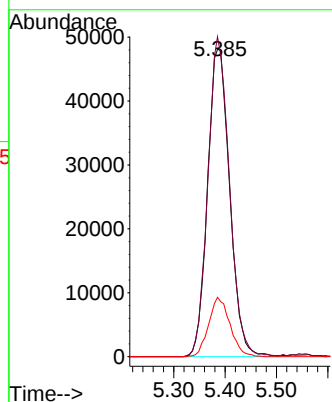
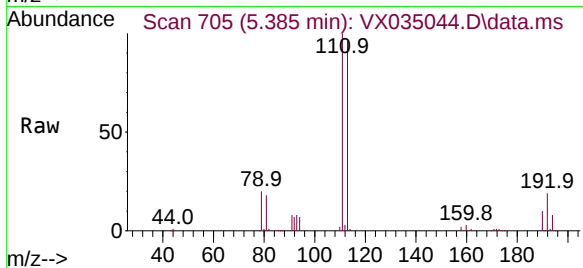
Tgt Ion:113 Resp: 144265

Ion Ratio Lower Upper

113 100

111 101.3 83.7 125.5

192 18.6 15.4 23.2



#39

Methylcyclohexane

Concen: 0.436 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

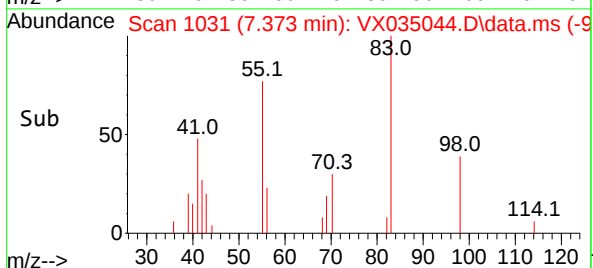
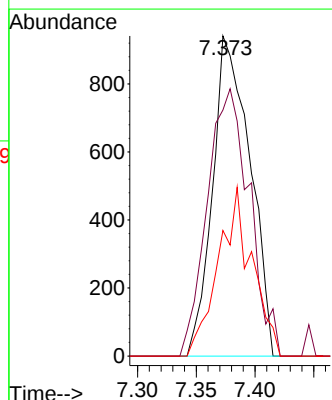
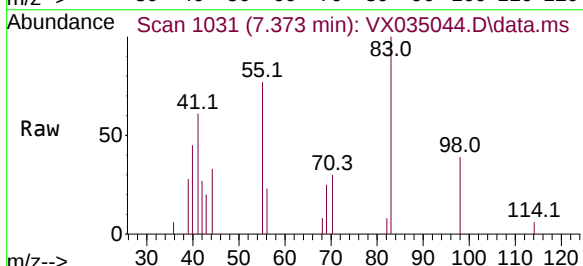
Tgt Ion: 83 Resp: 2079

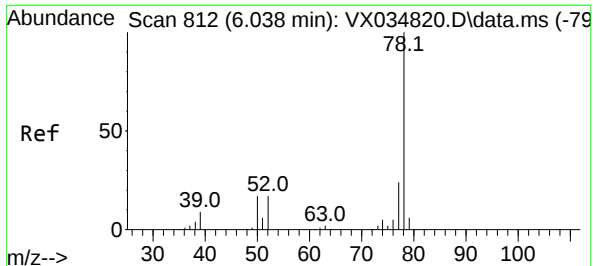
Ion Ratio Lower Upper

83 100

55 76.8 60.5 90.7

98 39.2 40.4 60.6#

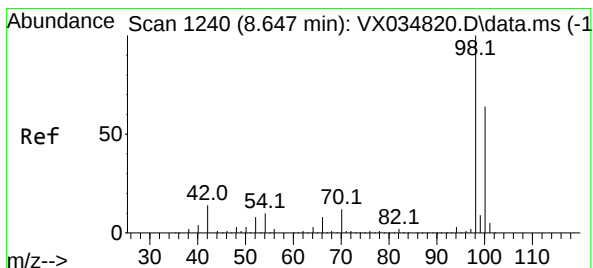
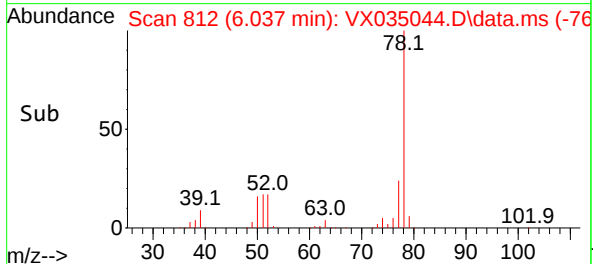
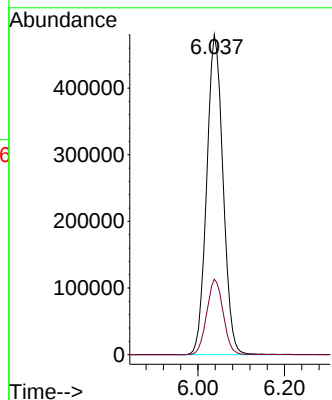
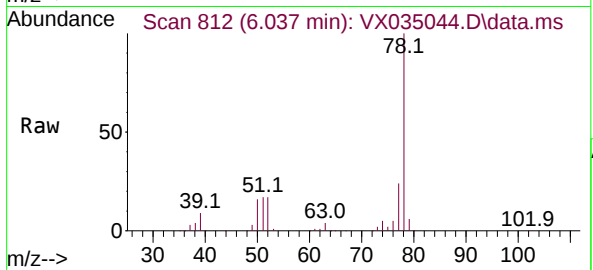




#40
Benzene
Concen: 97.692 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

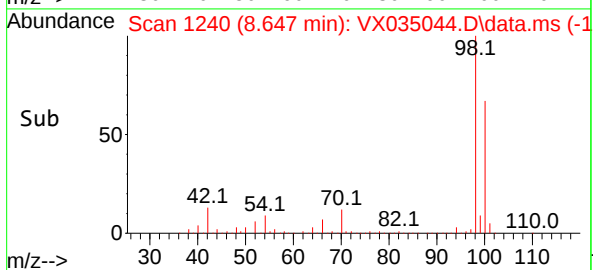
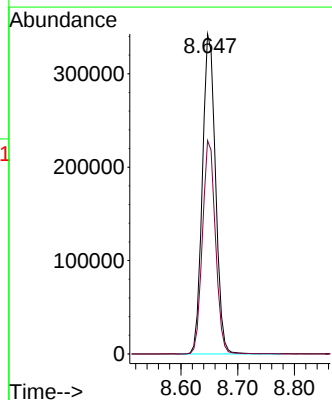
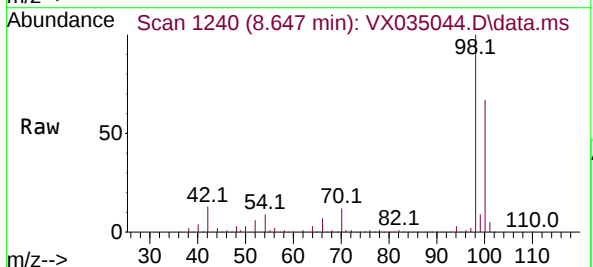
Instrument :
MSVOA_X
ClientSampleId :
33988

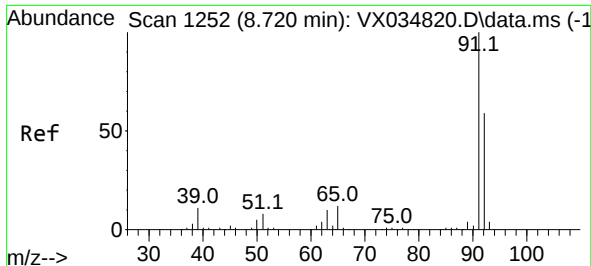
Tgt Ion: 78 Resp: 1258906
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



#50
Toluene-d8
Concen: 49.275 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 98 Resp: 551097
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

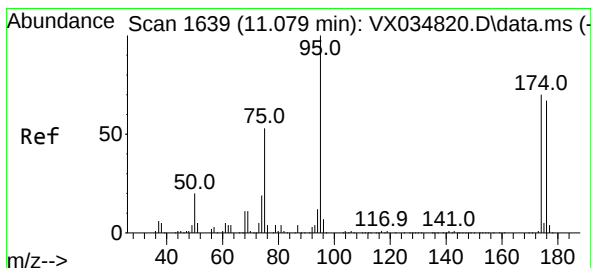
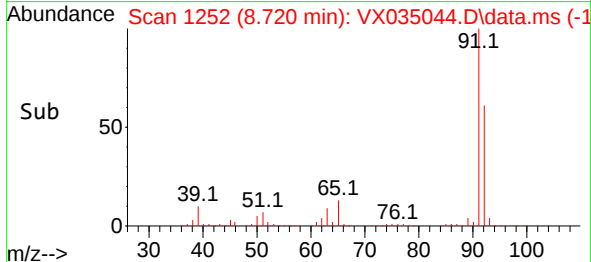
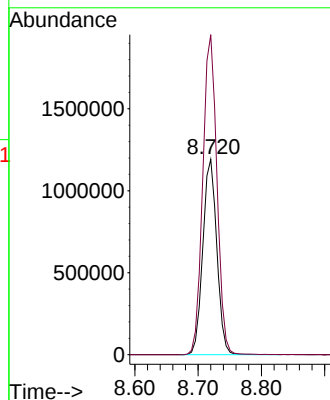
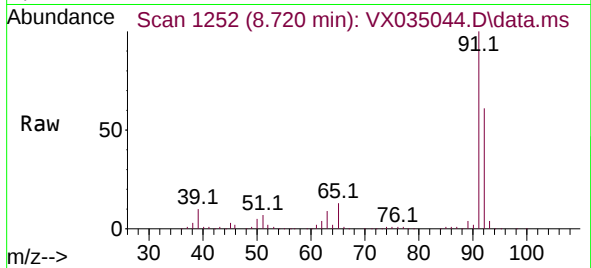




#52
Toluene
Concen: 218.642 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

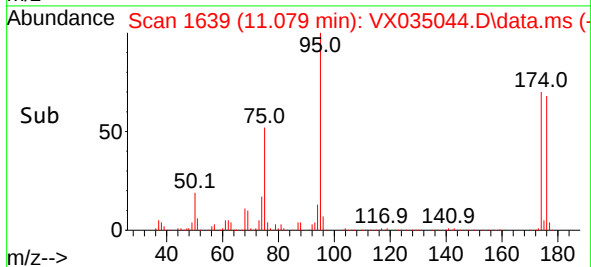
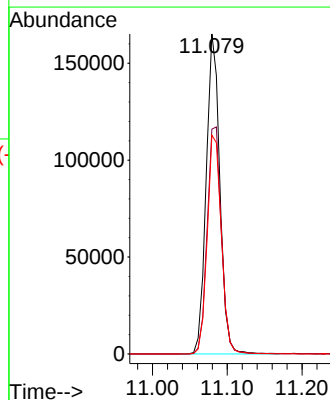
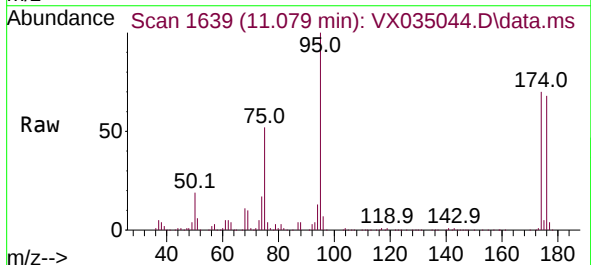
Instrument :
MSVOA_X
ClientSampleId :
33988

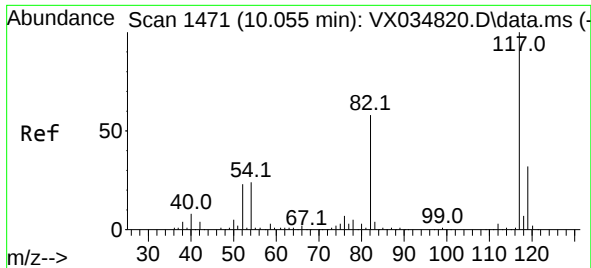
Tgt Ion: 92 Resp: 1837087
Ion Ratio Lower Upper
92 100
91 166.1 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 48.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 95 Resp: 208981
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 71.0 0.0 140.6

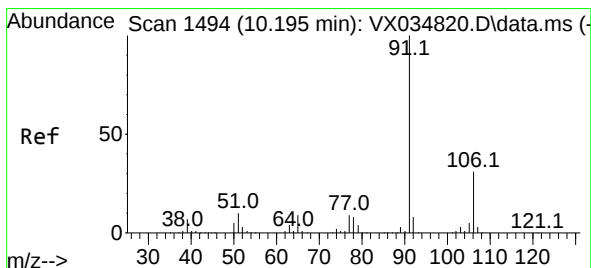
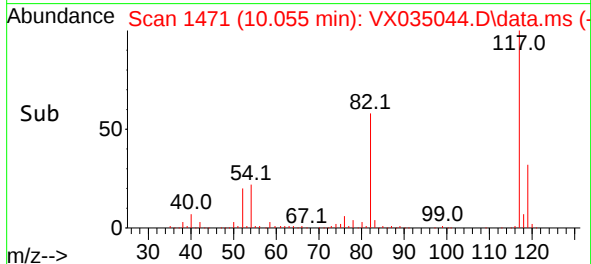
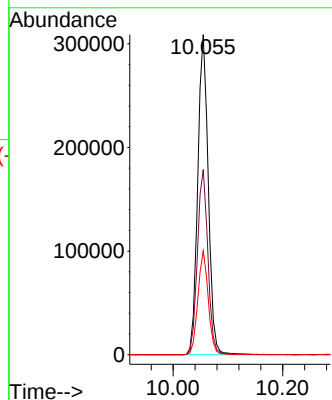
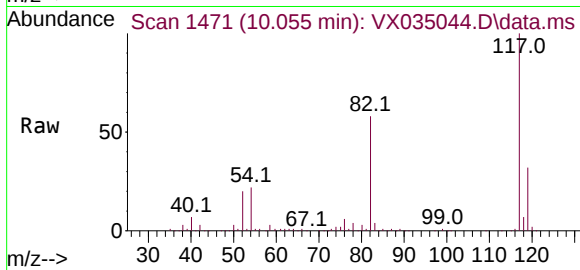




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

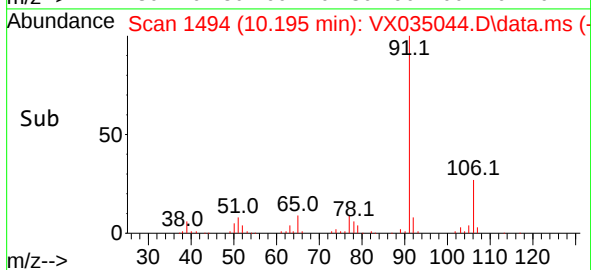
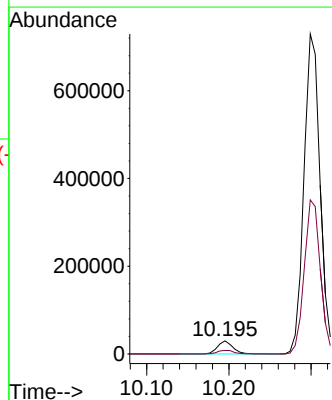
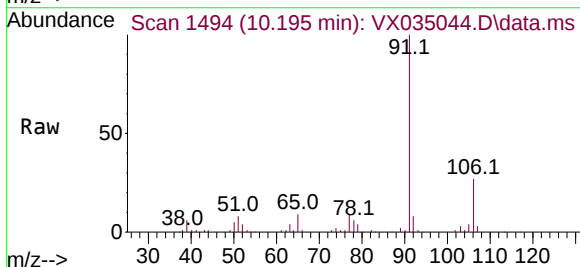
Instrument :
MSVOA_X
ClientSampleId :
33988

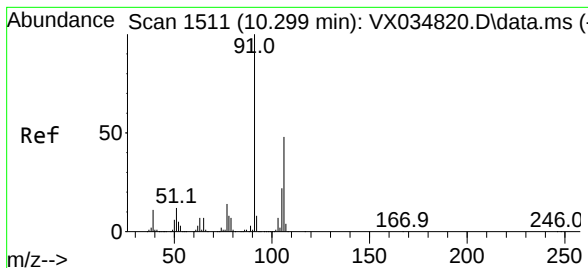
Tgt Ion:117 Resp: 413502
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.4 26.0 39.0



#67
Ethyl Benzene
Concen: 2.478 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 91 Resp: 38615
Ion Ratio Lower Upper
91 100
106 27.1 25.6 38.4

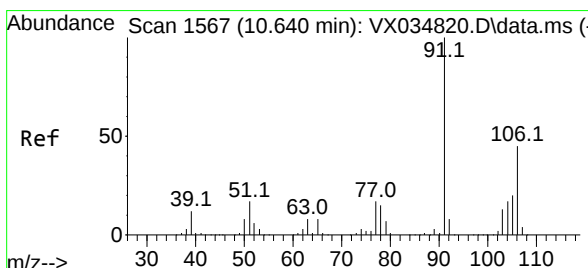
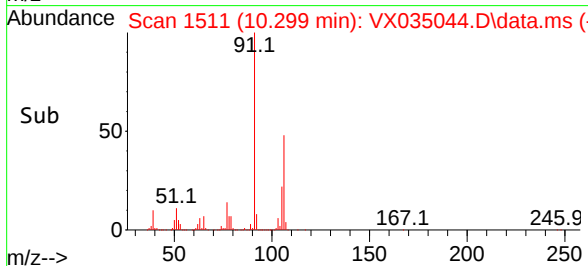
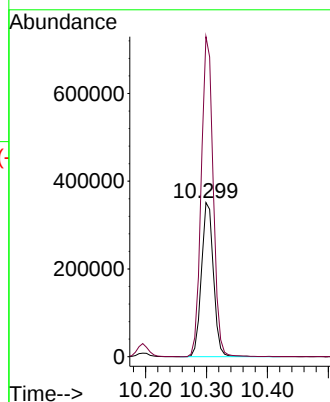
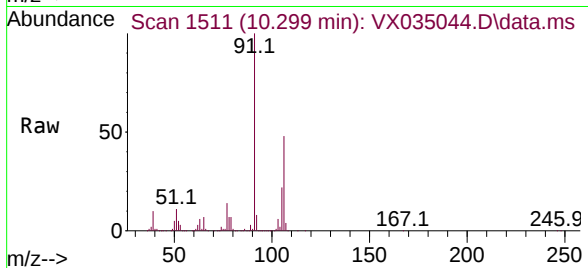




#68
m/p-Xylenes
Concen: 80.565 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

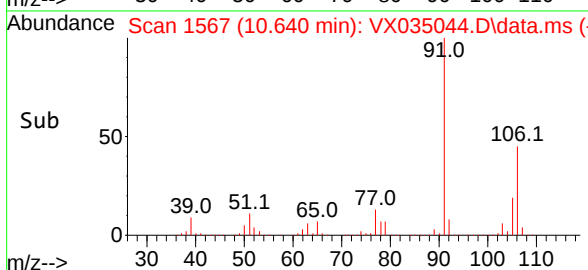
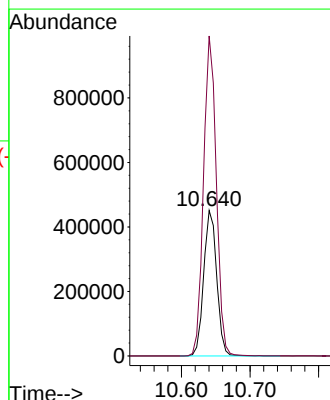
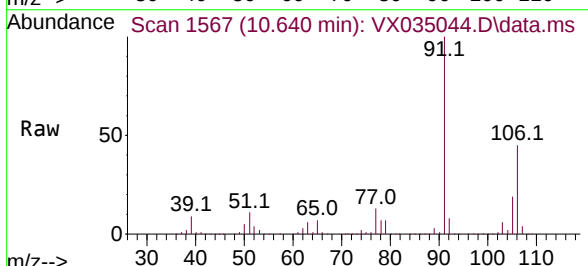
Instrument :
MSVOA_X
ClientSampleId :
33988

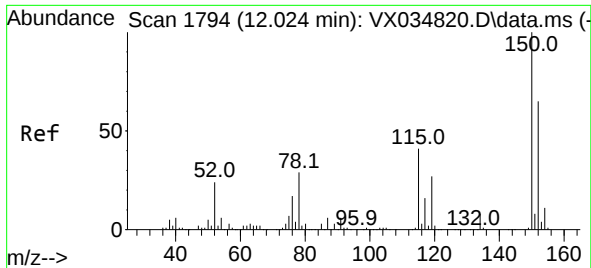
Tgt Ion:106 Resp: 479644
Ion Ratio Lower Upper
106 100
91 206.7 164.0 246.0



#69
o-Xylene
Concen: 102.303 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion:106 Resp: 596656
Ion Ratio Lower Upper
106 100
91 216.4 108.5 325.3

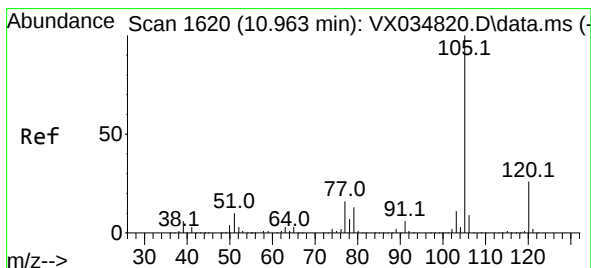
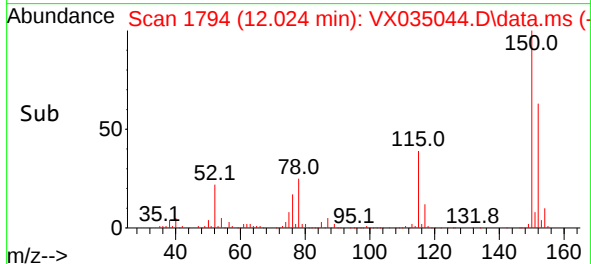
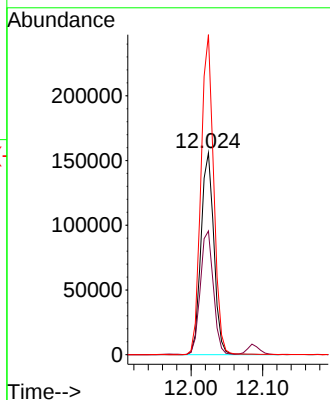
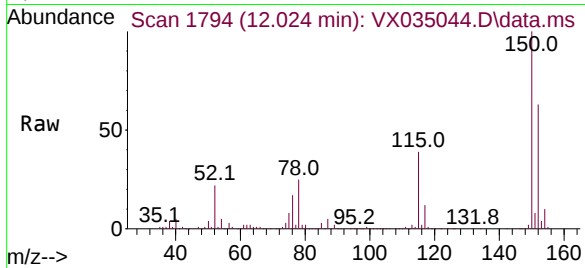




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035044.D
 Acq: 12 Apr 2023 14:12

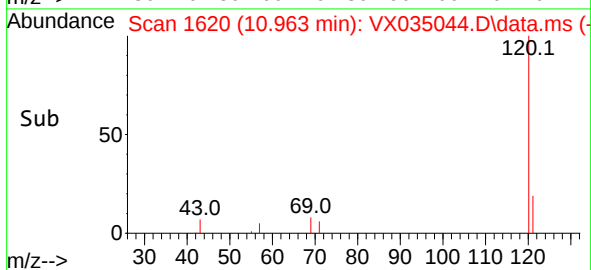
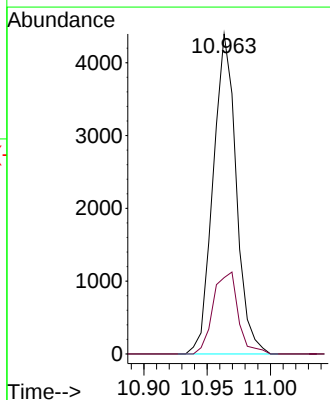
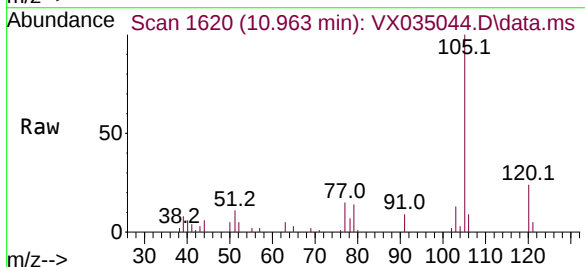
Instrument :
 MSVOA_X
 ClientSampleId :
 33988

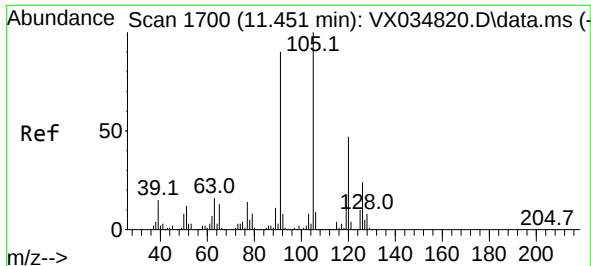
Tgt Ion:152 Resp: 195705
 Ion Ratio Lower Upper
 152 100
 115 61.9 45.0 135.0
 150 156.5 0.0 352.4



#73
 Isopropylbenzene
 Concen: 0.389 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX035044.D
 Acq: 12 Apr 2023 14:12

Tgt Ion:105 Resp: 5571
 Ion Ratio Lower Upper
 105 100
 120 27.6 13.3 39.9

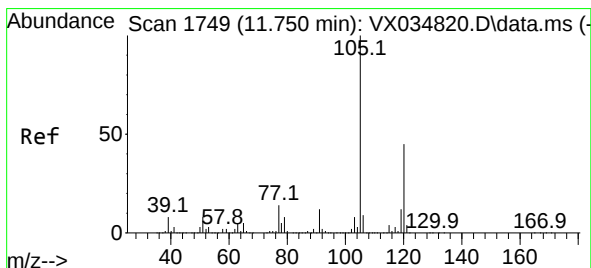
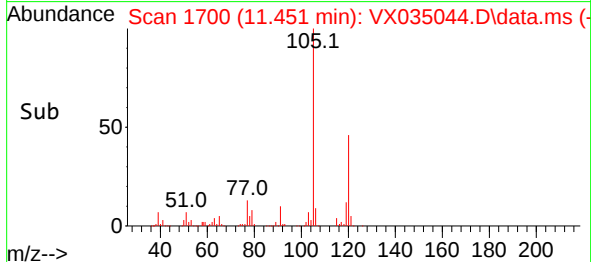
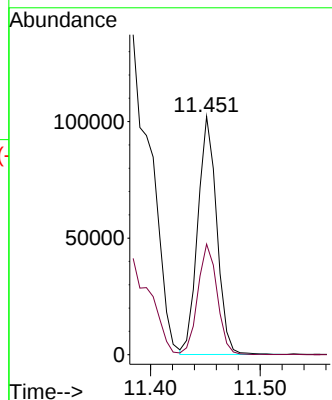
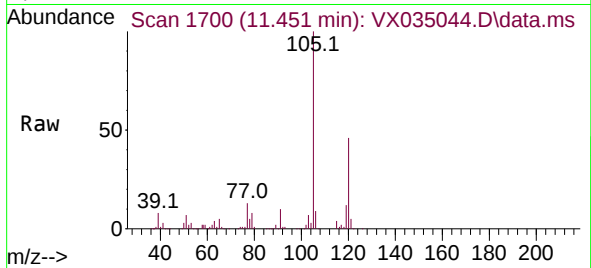




#80
1,3,5-Trimethylbenzene
Concen: 10.245 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

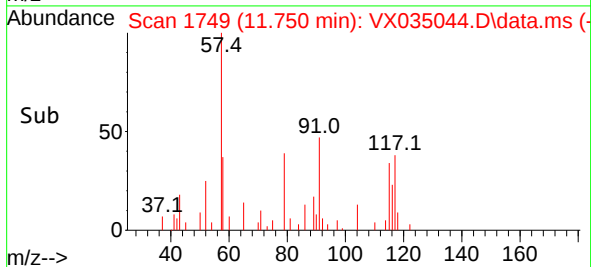
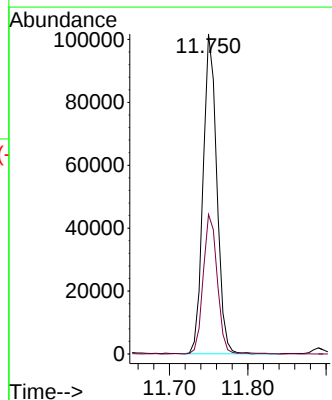
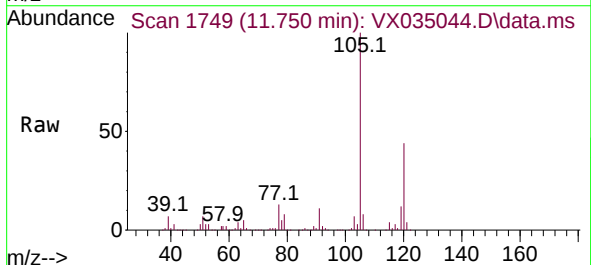
Instrument :
MSVOA_X
ClientSampleId :
33988

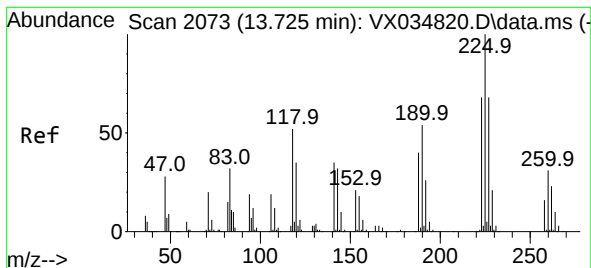
Tgt Ion:105 Resp: 122801
Ion Ratio Lower Upper
105 100
120 47.7 23.7 71.1



#84
1,2,4-Trimethylbenzene
Concen: 10.150 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion:105 Resp: 123713
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0





#94

Hexachlorobutadiene

Concen: 0.312 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

Instrument :

MSVOA_X

ClientSampleId :

33988

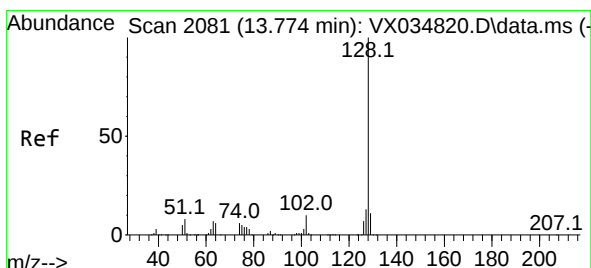
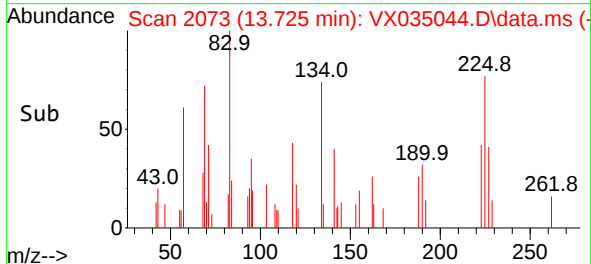
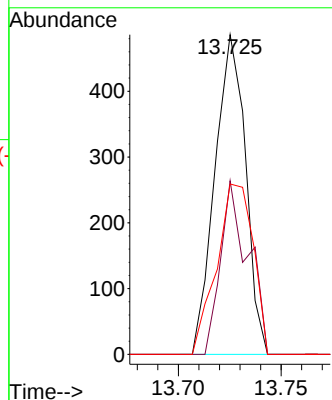
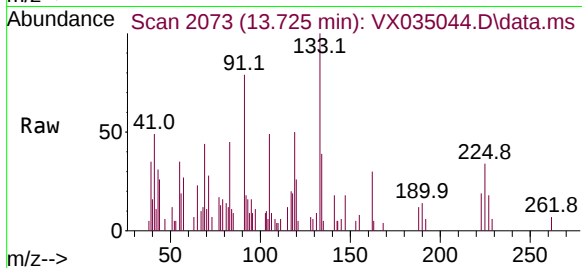
Tgt Ion:225 Resp: 503

Ion Ratio Lower Upper

225 100

223 48.9 32.1 96.5

227 63.6 31.8 95.4



#95

Naphthalene

Concen: 1.497 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

Tgt Ion:128 Resp: 19490

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.4

129 15.1 8.6 13.0#

