

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032213.D
 Acq On : 19 Oct 2022 17:23
 Operator : JC/MD
 Sample : N5114-01
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31266

Quant Time: Oct 19 19:55:26 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)

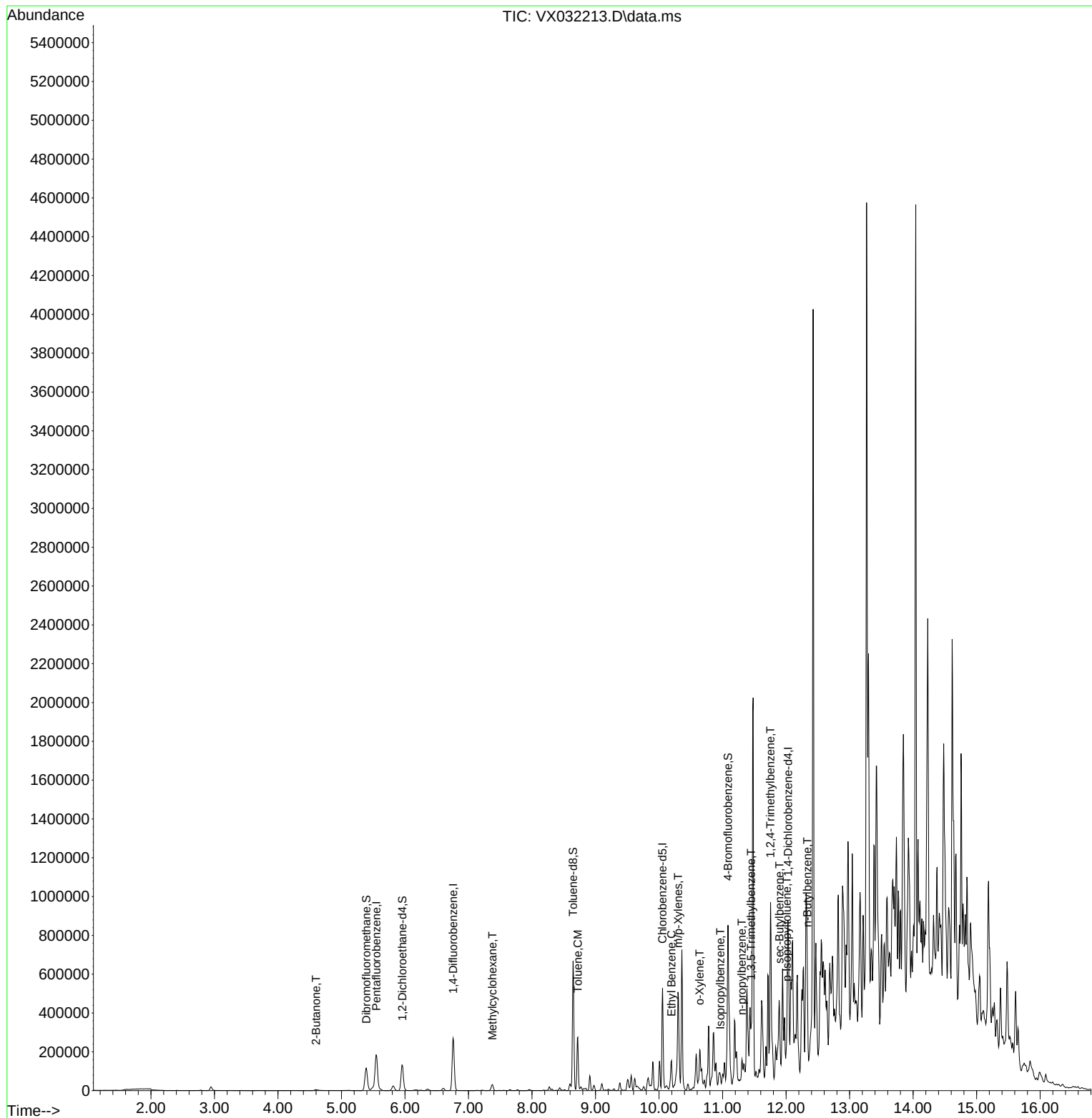
Internal Standards						
1) Pentafluorobenzene	5.550	168	176612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	276060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	138828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132360	57.609	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.220%	
35) Dibromofluoromethane	5.391	113	99174	51.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.260%	
50) Toluene-d8	8.647	98	385325	55.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.440%	
62) 4-Bromofluorobenzene	11.085	95	151398	59.790	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.580%	
Target Compounds						
					Qvalue	
25) 2-Butanone	4.599	43	12933	11.110	ug/l	92
39) Methylcyclohexane	7.379	83	13965	4.731	ug/l	94
52) Toluene	8.720	92	103002	22.201	ug/l	100
67) Ethyl Benzene	10.195	91	70967	8.136	ug/l	98
68) m/p-Xylenes	10.299	106	106988	31.059	ug/l	98
69) o-Xylene	10.640	106	43898	13.303	ug/l	99
73) Isopropylbenzene	10.963	105	21091	2.129	ug/l	98
78) n-propylbenzene	11.305	91	79391	6.999	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	84755	9.905	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	343838	41.333	ug/l	100
85) sec-Butylbenzene	11.896	105	55033	5.319	ug/l	88
86) p-Isopropyltoluene	12.012	119	31908	3.625	ug/l	99
89) n-Butylbenzene	12.335	91	130453	16.824	ug/l #	55

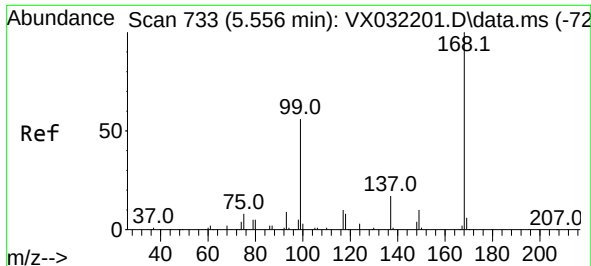
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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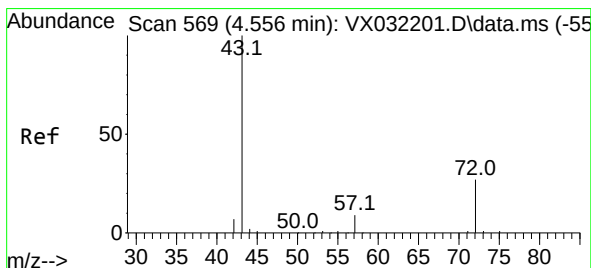
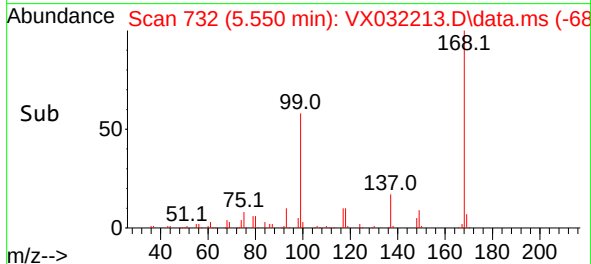
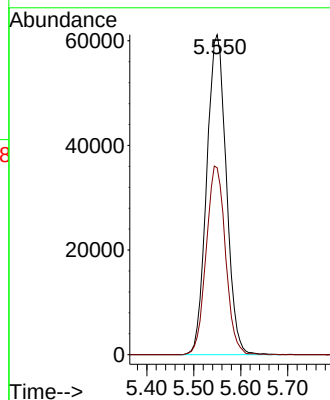
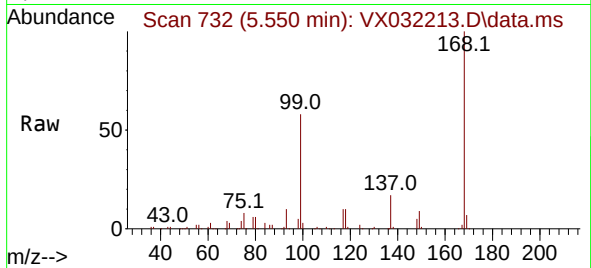




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032213.D
Acq: 19 Oct 2022 17:23

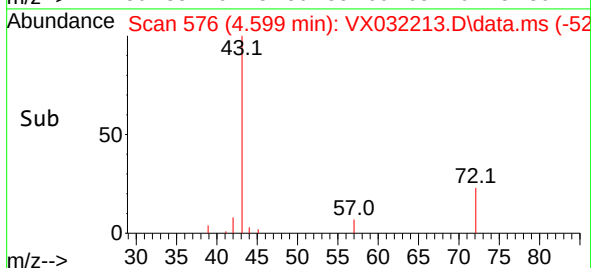
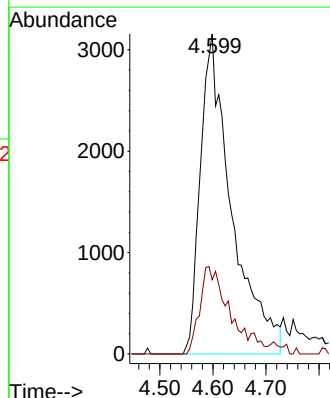
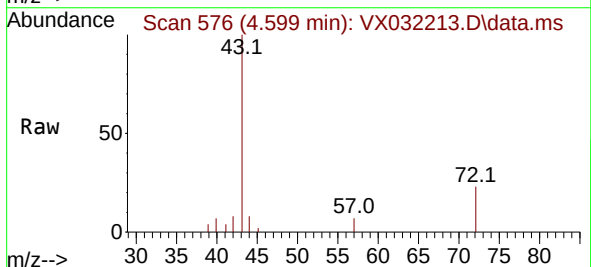
Instrument :
MSVOA_X
ClientSampleId :
31266

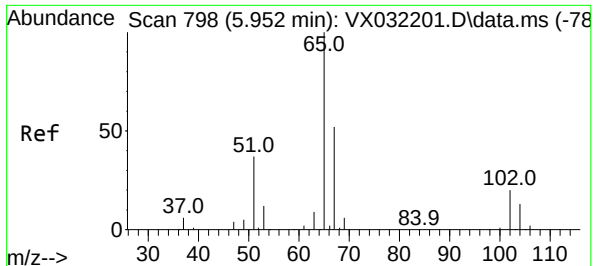
Tgt Ion:168 Resp: 176612
Ion Ratio Lower Upper
168 100
99 58.4 44.8 67.2



#25
2-Butanone
Concen: 11.110 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.043 min
Lab File: VX032213.D
Acq: 19 Oct 2022 17:23

Tgt Ion: 43 Resp: 12933
Ion Ratio Lower Upper
43 100
72 23.2 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 57.609 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032213.D

Acq: 19 Oct 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

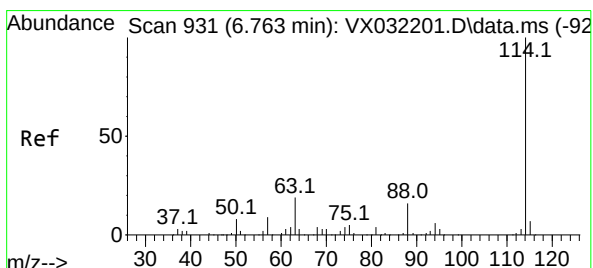
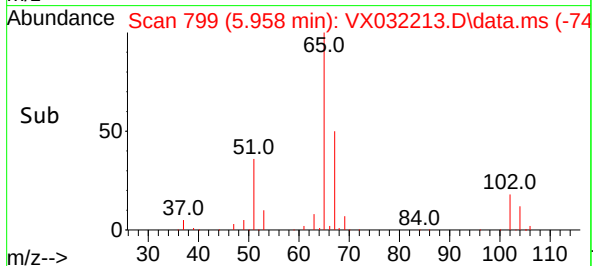
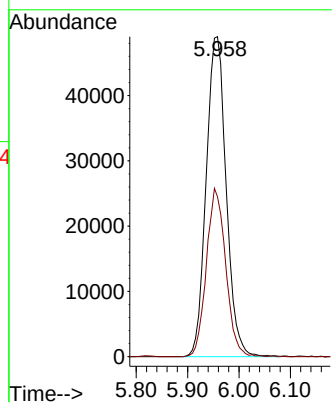
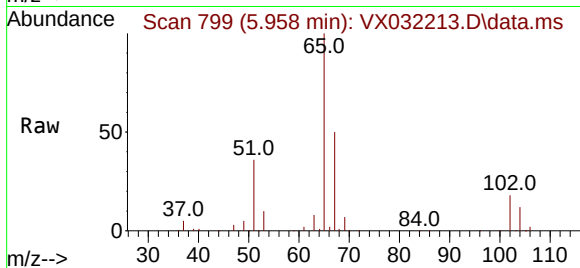
31266

Tgt Ion: 65 Resp: 132360

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032213.D

Acq: 19 Oct 2022 17:23

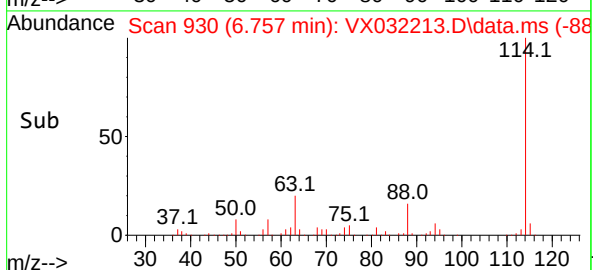
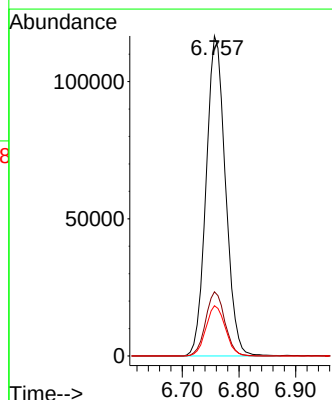
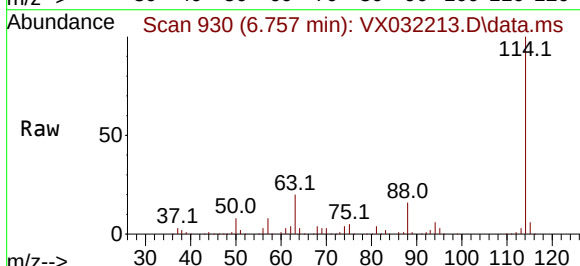
Tgt Ion: 114 Resp: 276060

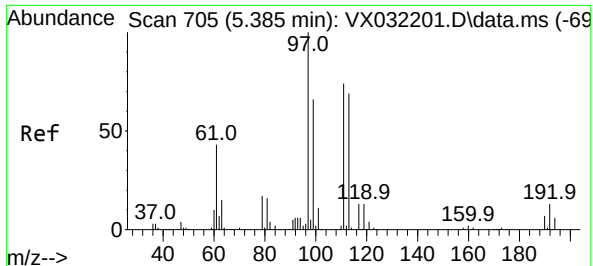
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.626 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032213.D

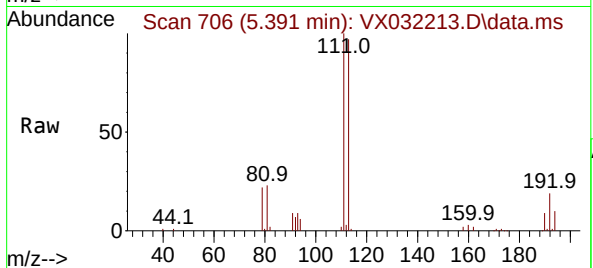
Acq: 19 Oct 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

31266



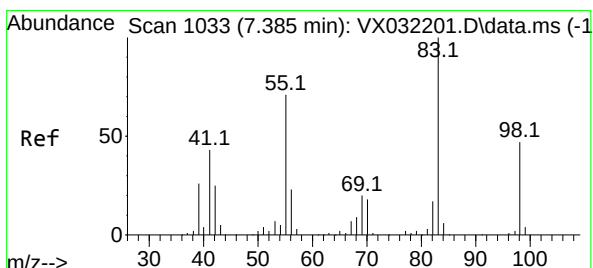
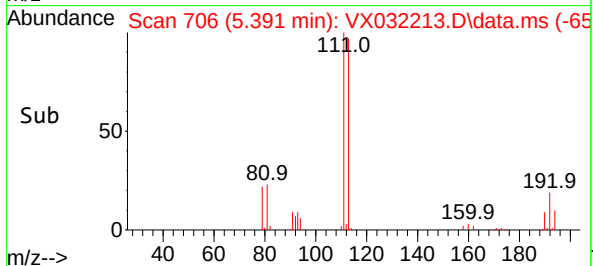
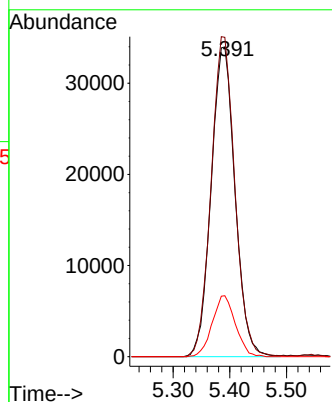
Tgt Ion:113 Resp: 99174

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 19.1 15.5 23.3



#39

Methylcyclohexane

Concen: 4.731 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032213.D

Acq: 19 Oct 2022 17:23

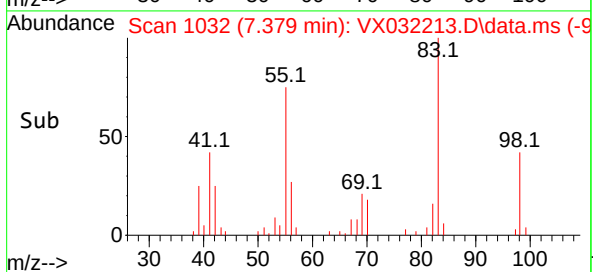
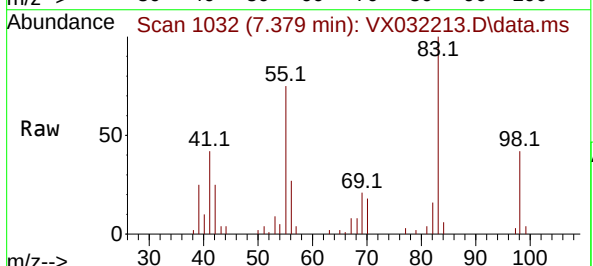
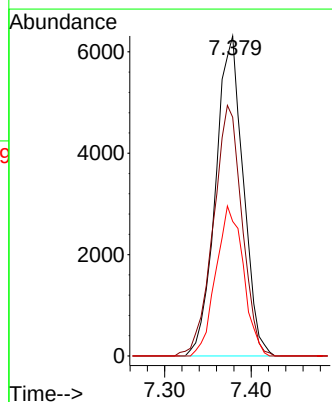
Tgt Ion: 83 Resp: 13965

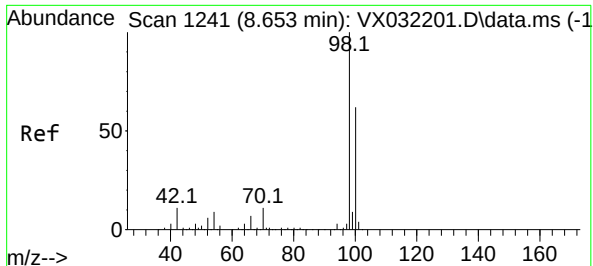
Ion Ratio Lower Upper

83 100

55 74.6 56.6 85.0

98 42.1 37.4 56.0





#50

Toluene-d8

Concen: 55.723 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032213.D

Acq: 19 Oct 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

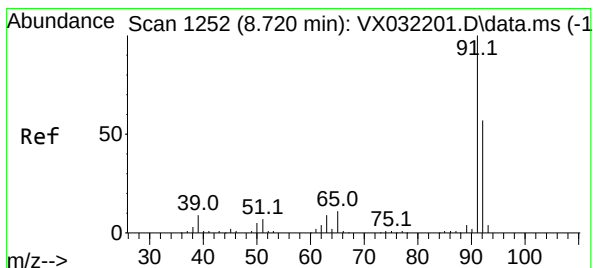
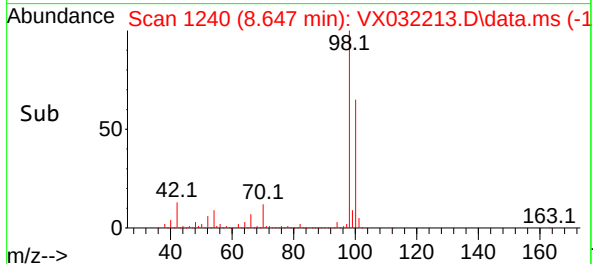
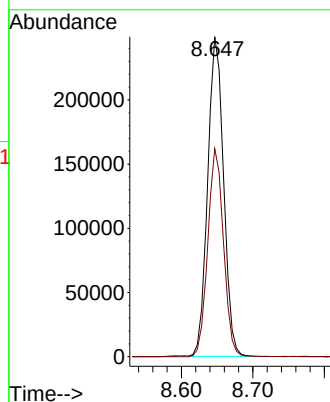
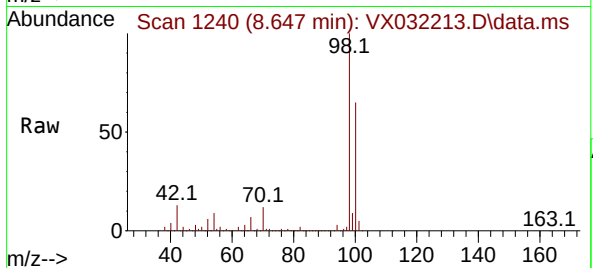
31266

Tgt Ion: 98 Resp: 385325

Ion Ratio Lower Upper

98 100

100 64.2 50.7 76.1



#52

Toluene

Concen: 22.201 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032213.D

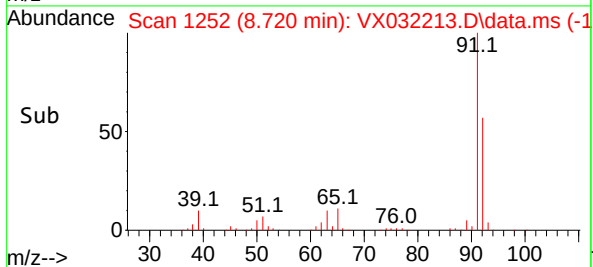
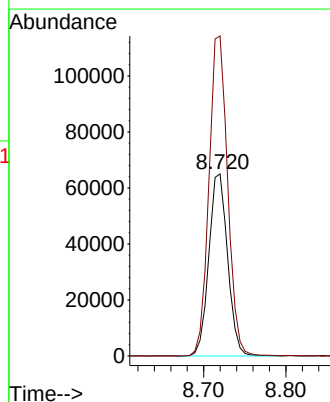
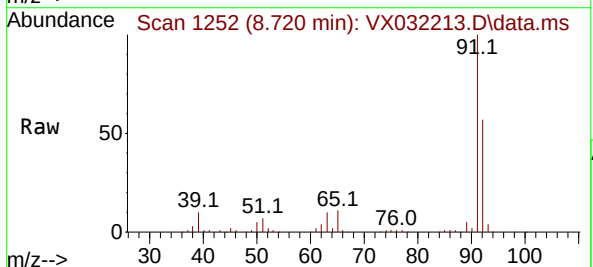
Acq: 19 Oct 2022 17:23

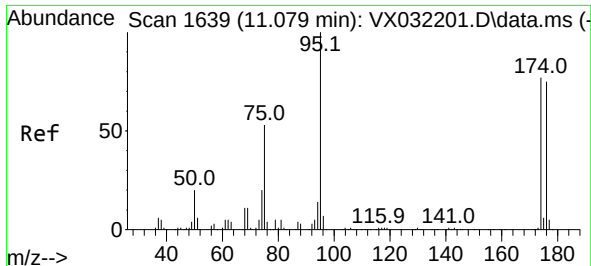
Tgt Ion: 92 Resp: 103002

Ion Ratio Lower Upper

92 100

91 175.3 140.3 210.5

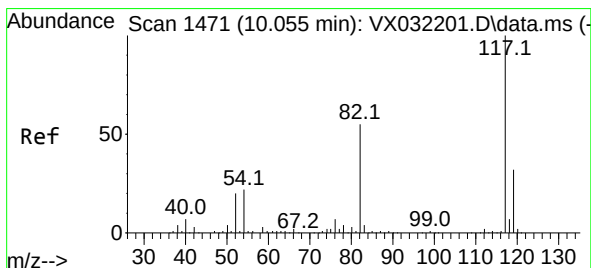
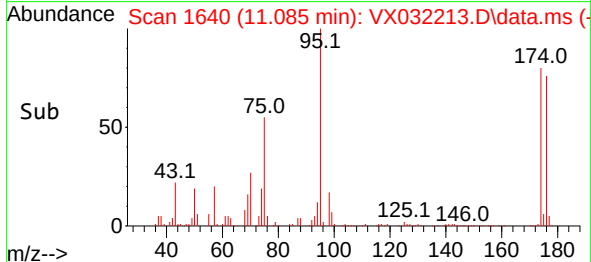
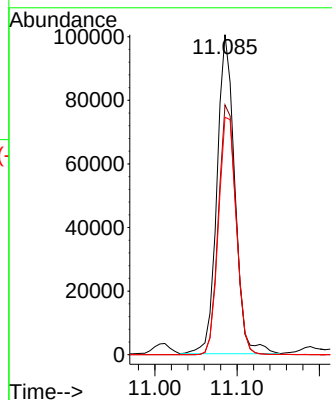
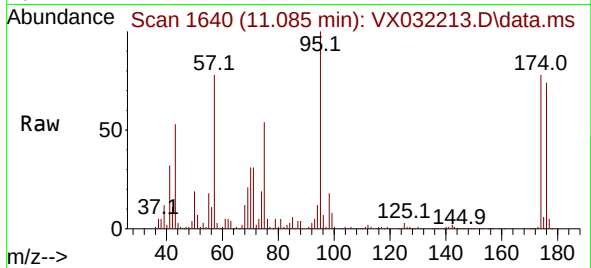




#62
4-Bromofluorobenzene
Concen: 59.790 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032213.D
Acq: 19 Oct 2022 17:23

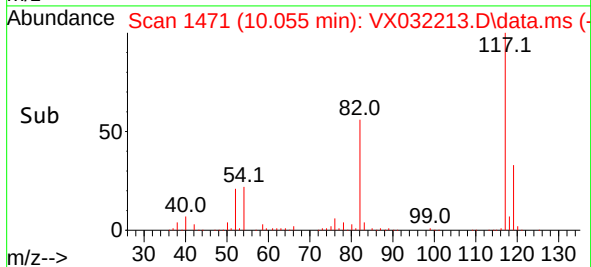
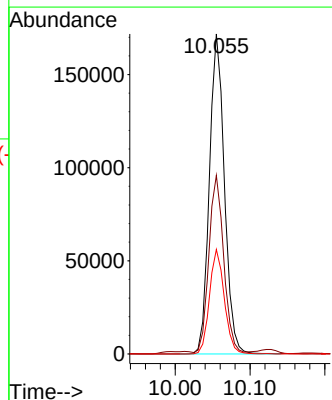
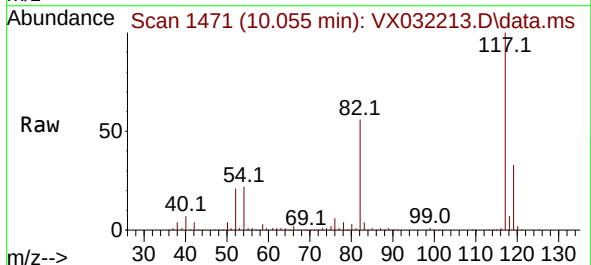
Instrument :
MSVOA_X
ClientSampleId :
31266

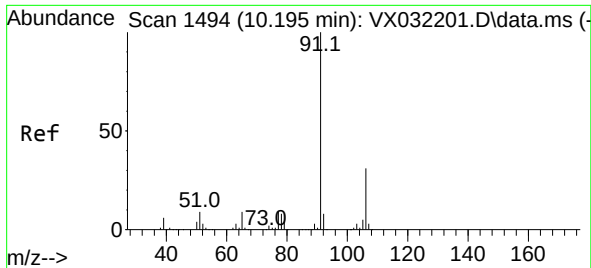
Tgt Ion: 95 Resp: 151398
Ion Ratio Lower Upper
95 100
174 77.3 0.0 166.8
176 74.6 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032213.D
Acq: 19 Oct 2022 17:23

Tgt Ion: 117 Resp: 240296
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 32.6 25.8 38.8

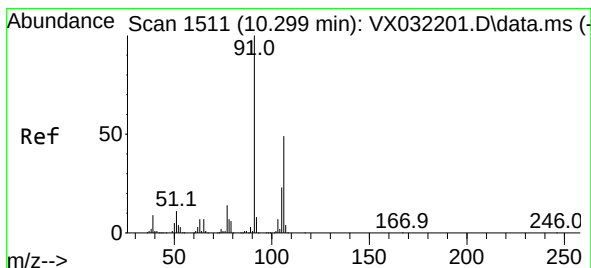
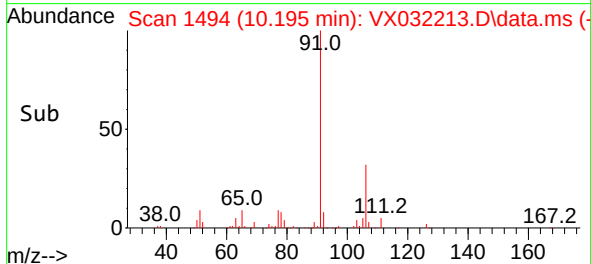
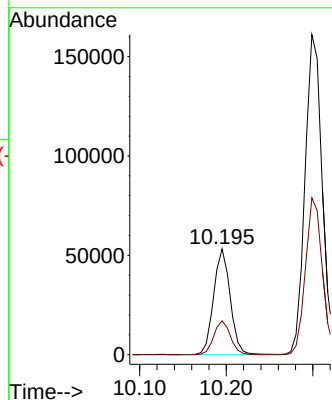
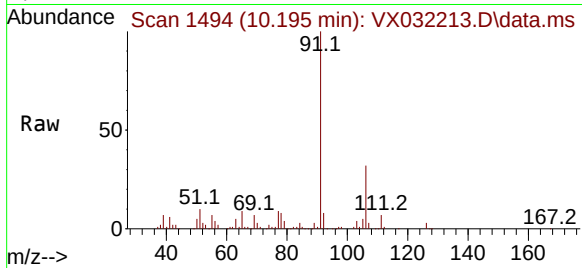




#67
Ethyl Benzene
Concen: 8.136 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032213.D
Acq: 19 Oct 2022 17:23

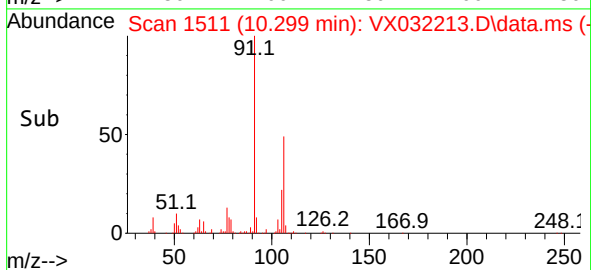
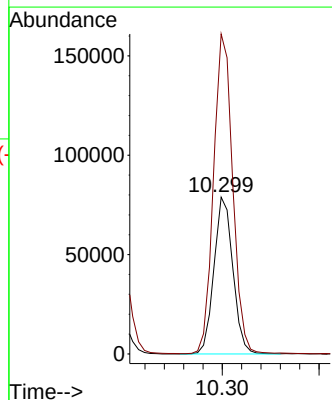
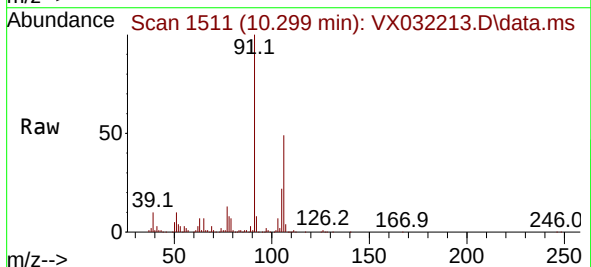
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MSVOA_X
ClientSampleId :
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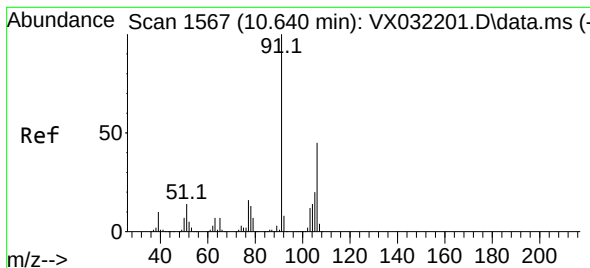
Tgt Ion: 91 Resp: 70967
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.4



#68
m/p-Xylenes
Concen: 31.059 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX032213.D
Acq: 19 Oct 2022 17:23

Tgt Ion: 106 Resp: 106988
Ion Ratio Lower Upper
106 100
91 207.1 162.6 244.0





#69

o-Xylene

Concen: 13.303 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032213.D

Acq: 19 Oct 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

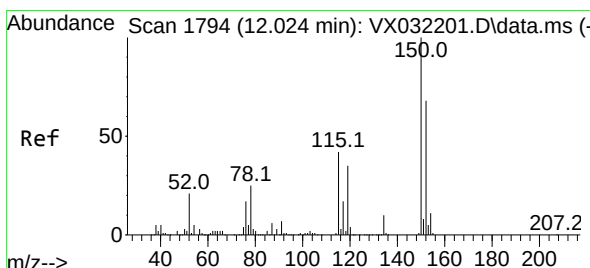
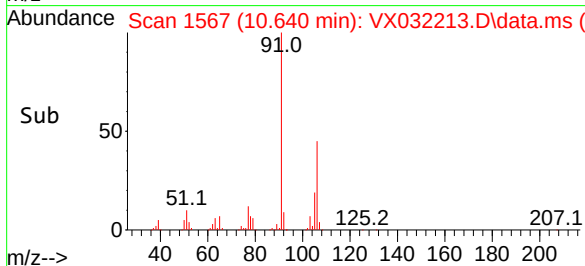
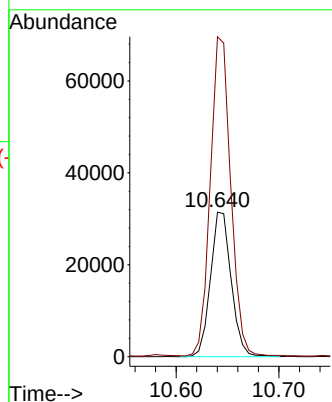
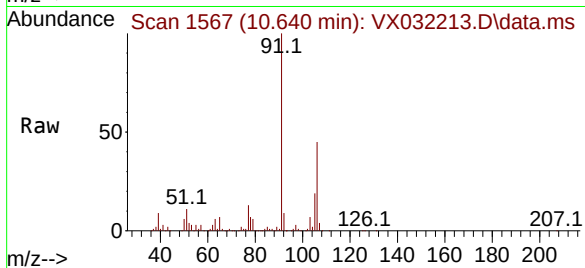
31266

Tgt Ion:106 Resp: 43898

Ion Ratio Lower Upper

106 100

91 218.7 108.3 324.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.030 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VX032213.D

Acq: 19 Oct 2022 17:23

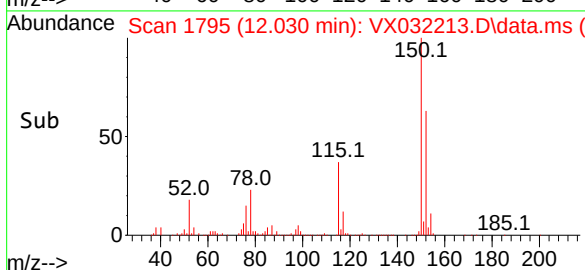
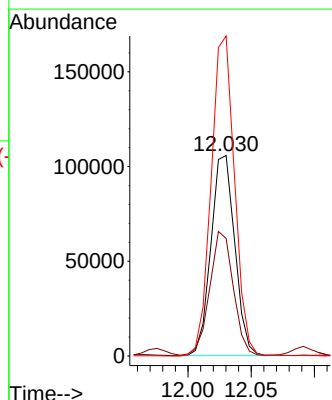
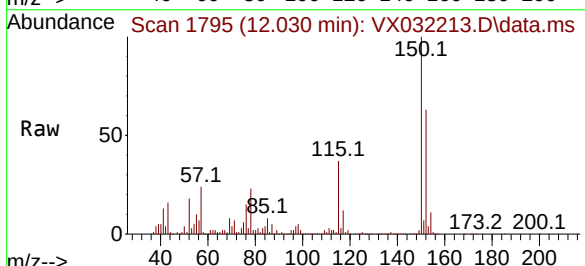
Tgt Ion:152 Resp: 138828

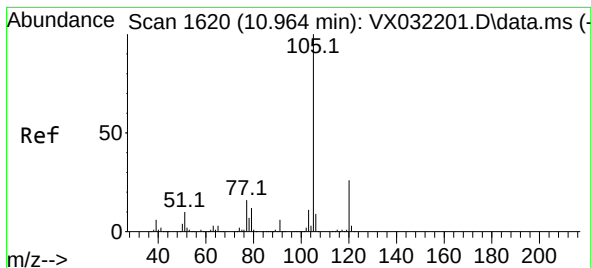
Ion Ratio Lower Upper

152 100

115 61.4 43.1 129.4

150 157.1 0.0 348.6





#73

Isopropylbenzene

Concen: 2.129 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VX032213.D

Acq: 19 Oct 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

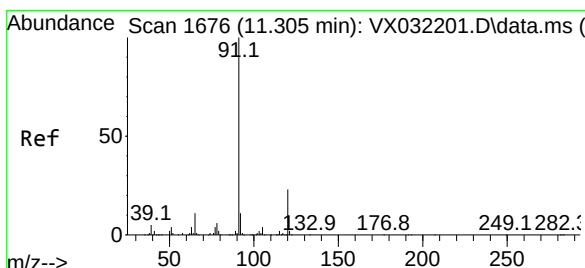
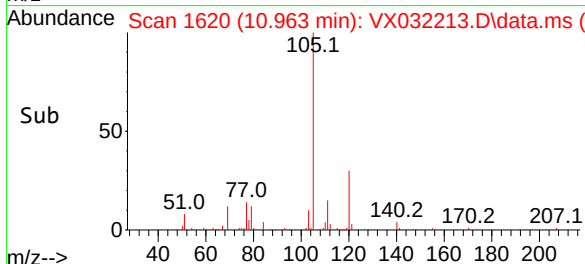
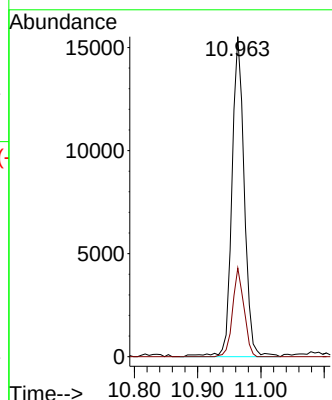
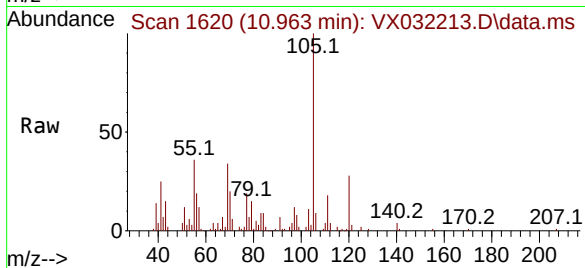
31266

Tgt Ion:105 Resp: 21091

Ion Ratio Lower Upper

105 100

120 25.5 13.2 39.6



#78

n-propylbenzene

Concen: 6.999 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX032213.D

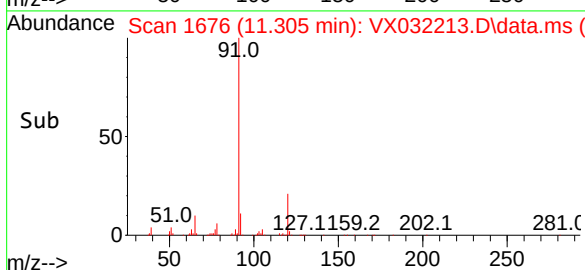
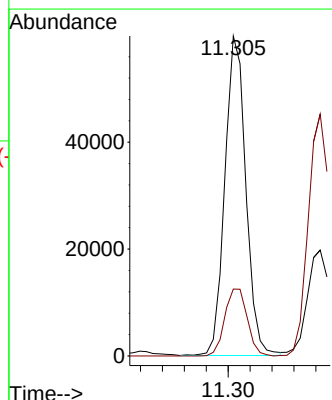
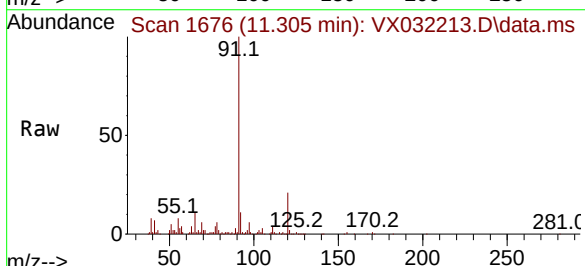
Acq: 19 Oct 2022 17:23

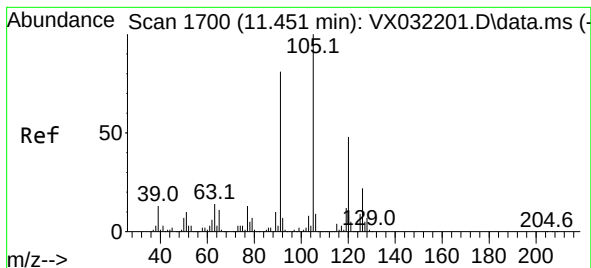
Tgt Ion: 91 Resp: 79391

Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.8

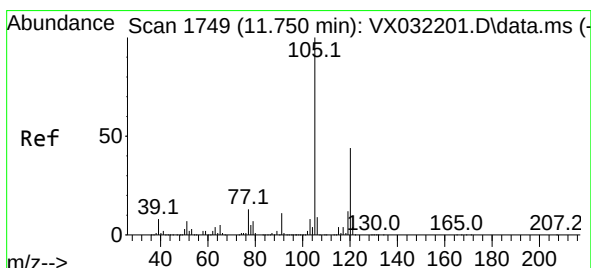
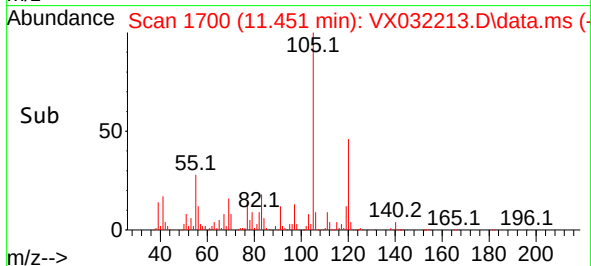
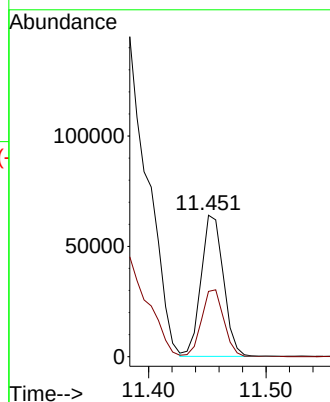
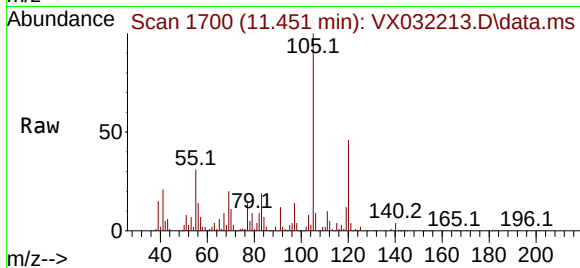




#80
 1,3,5-Trimethylbenzene
 Concen: 9.905 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX032213.D
 Acq: 19 Oct 2022 17:23

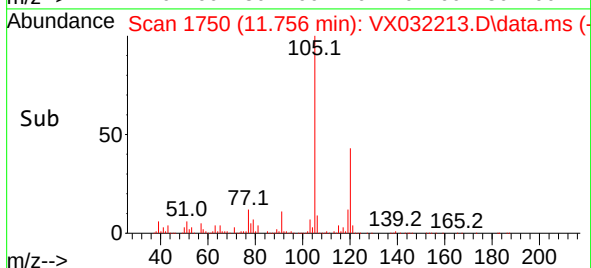
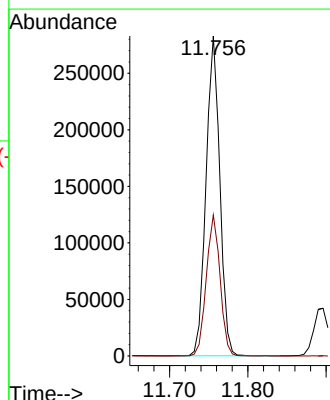
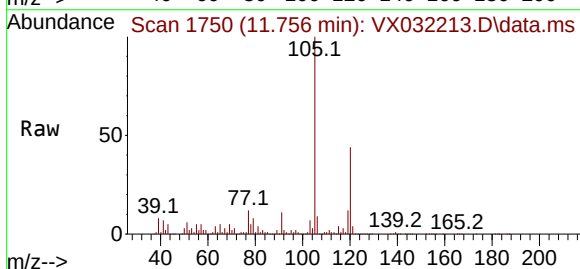
Instrument :
 MSVOA_X
 ClientSampleId :
 31266

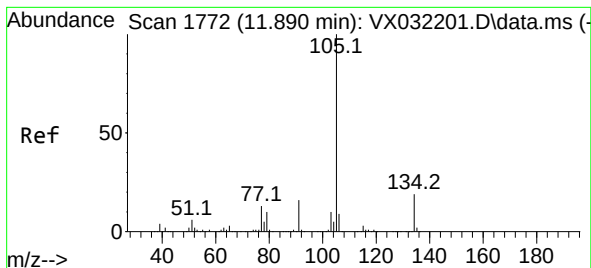
Tgt Ion:105 Resp: 84755
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.5 70.6



#84
 1,2,4-Trimethylbenzene
 Concen: 41.333 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX032213.D
 Acq: 19 Oct 2022 17:23

Tgt Ion:105 Resp: 343838
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 5.319 ug/l

RT: 11.896 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VX032213.D

Acq: 19 Oct 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

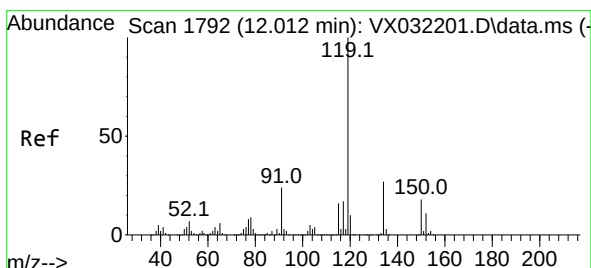
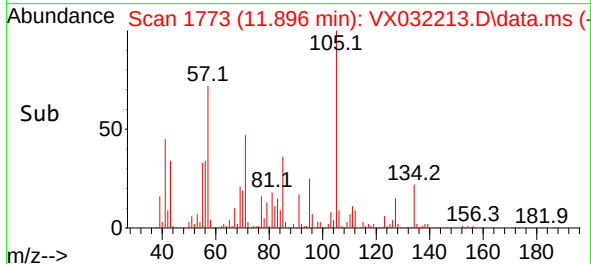
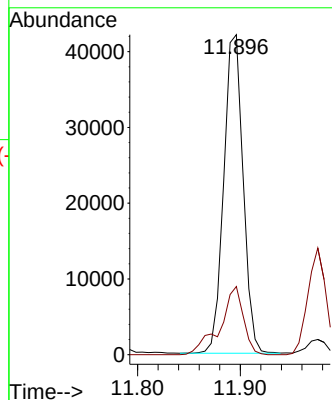
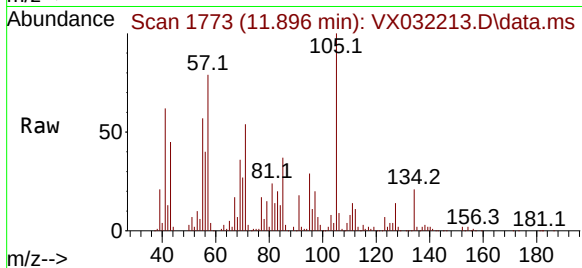
31266

Tgt Ion:105 Resp: 55033

Ion Ratio Lower Upper

105 100

134 25.7 10.1 30.3



#86

p-Isopropyltoluene

Concen: 3.625 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX032213.D

Acq: 19 Oct 2022 17:23

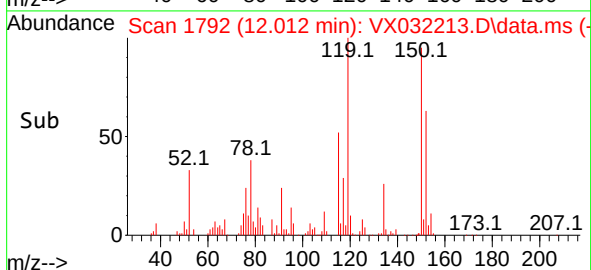
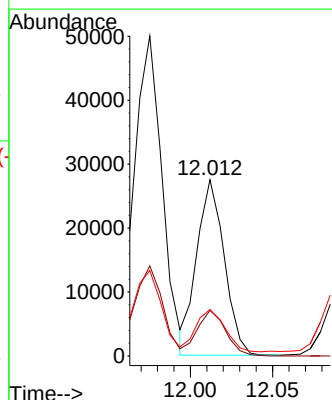
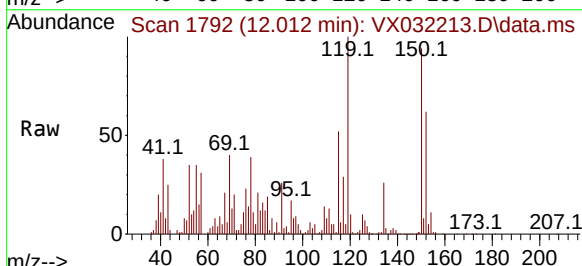
Tgt Ion:119 Resp: 31908

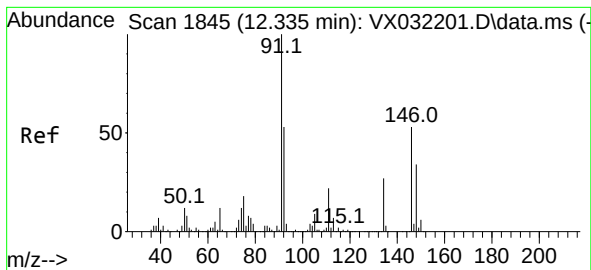
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 25.4 12.4 37.2





#89

n-Butylbenzene

Concen: 16.824 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032213.D

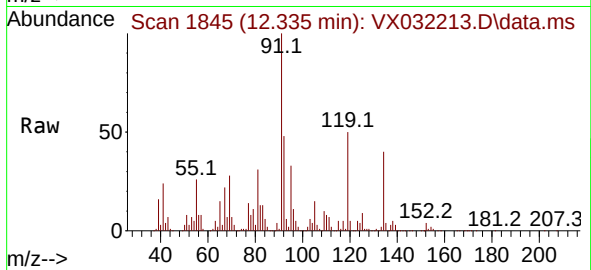
Acq: 19 Oct 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

31266



Tgt Ion: 91 Resp: 130453

Ion Ratio Lower Upper

91 100

92 38.8 26.3 78.9

134 75.2 13.0 39.0#

