

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
 Data File : VX036294.D
 Acq On : 23 Jun 2023 16:59
 Operator : JC/MD
 Sample : 03342-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50047

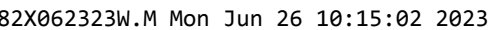
Quant Time: Jun 23 17:26:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

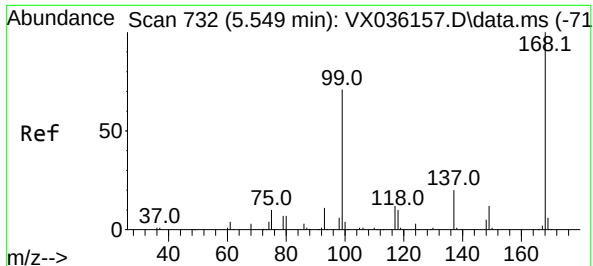
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	145919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	276801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	137512	65.743	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	131.480%#
35) Dibromofluoromethane	5.379	113	100850	55.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.520%
50) Toluene-d8	8.647	98	272282	39.942	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	79.880%#
62) 4-Bromofluorobenzene	11.079	95	90720	37.782	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	75.560%#
Target Compounds						
						Qvalue
16) Acetone	2.398	43	23950	26.789	ug/l	93
17) Carbon Disulfide	2.508	76	1552	0.381	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	17603	3.285	ug/l	97
40) Benzene	6.038	78	27239	3.584	ug/l	99
52) Toluene	8.714	92	152088	31.577	ug/l	94
67) Ethyl Benzene	10.195	91	46817	6.316	ug/l	98
68) m/p-Xylenes	10.299	106	182573	63.394	ug/l	97
69) o-Xylene	10.640	106	315252	113.353	ug/l	98
73) Isopropylbenzene	10.963	105	10363	1.785	ug/l	97
78) n-propylbenzene	11.305	91	29998	4.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	127241	25.876	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	368719	75.792	ug/l	97
85) sec-Butylbenzene	11.890	105	13630	2.283	ug/l	87
86) p-Isopropyltoluene	12.006	119	10915	2.178	ug/l	97
89) n-Butylbenzene	12.317	91	38761	8.693	ug/l #	19
95) Naphthalene	13.774	128	25866	4.918	ug/l #	89

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

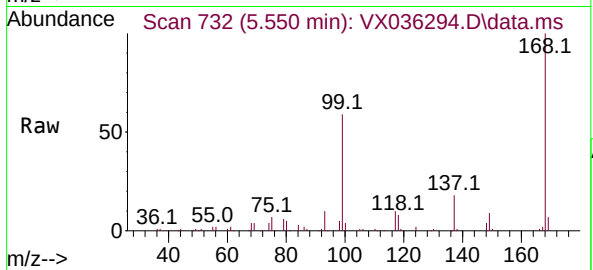
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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration



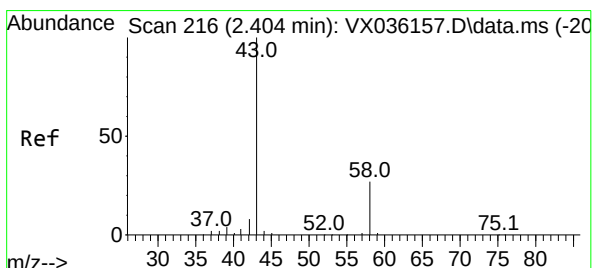
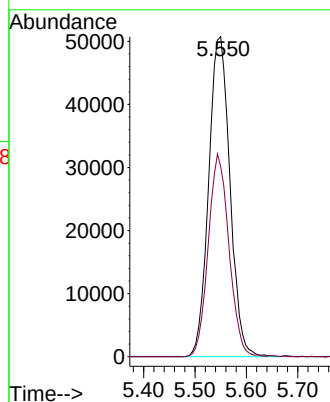
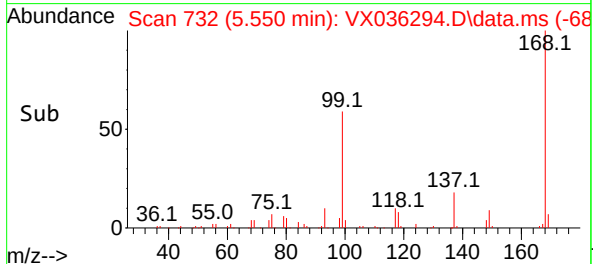


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

Instrument :
MSVOA_X
ClientSampleId :
50047

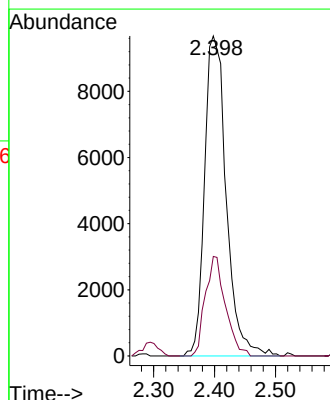
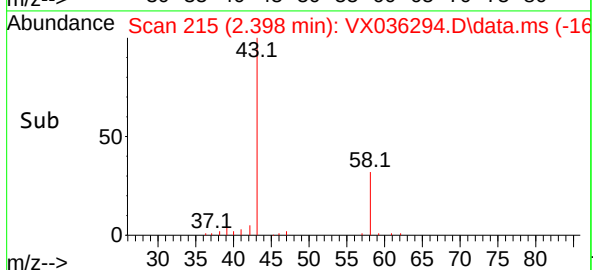
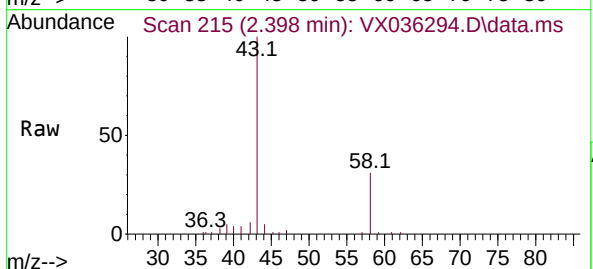


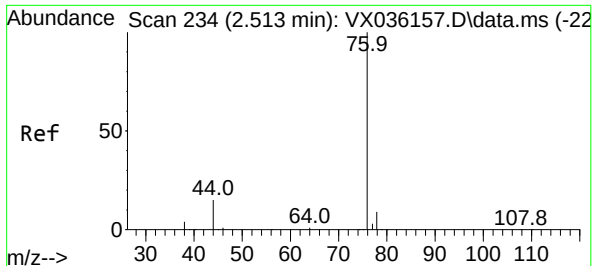
Tgt Ion:168 Resp: 145919
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#16
Acetone
Concen: 26.789 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

Tgt Ion: 43 Resp: 23950
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9





#17

Carbon Disulfide

Concen: 0.381 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.005 min

Lab File: VX036294.D

Acq: 23 Jun 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

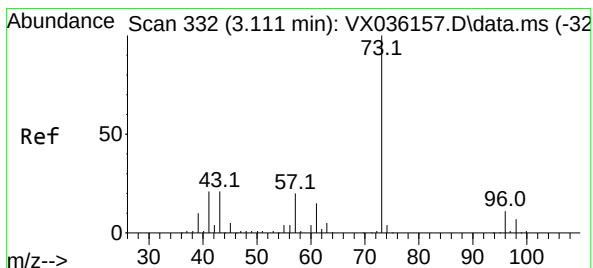
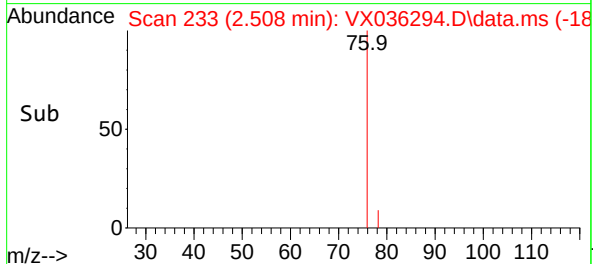
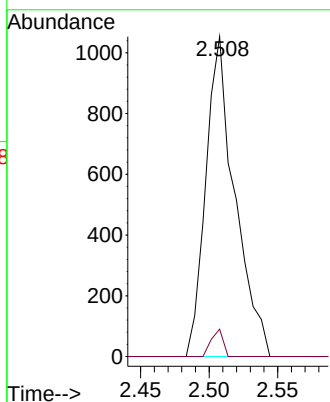
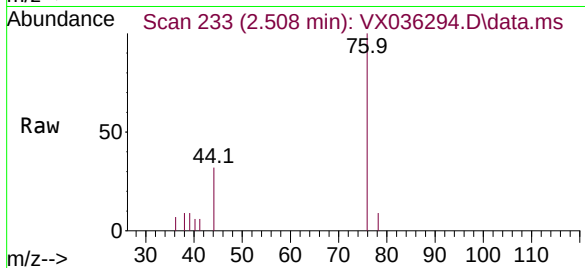
50047

Tgt Ion: 76 Resp: 1552

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6



#19

Methyl tert-butyl Ether

Concen: 3.285 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX036294.D

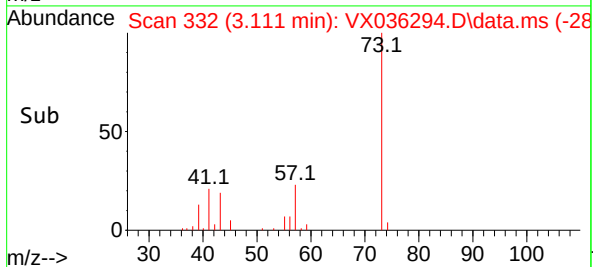
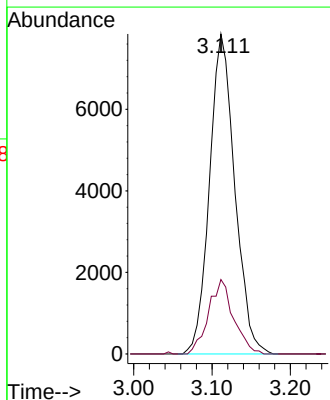
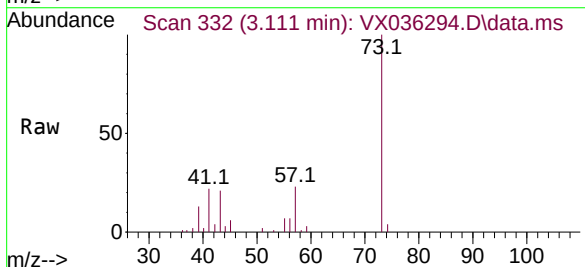
Acq: 23 Jun 2023 16:59

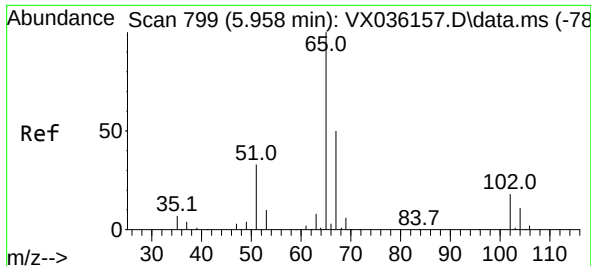
Tgt Ion: 73 Resp: 17603

Ion Ratio Lower Upper

73 100

57 23.2 17.3 25.9





#33

1,2-Dichloroethane-d4

Concen: 65.743 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036294.D

Acq: 23 Jun 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

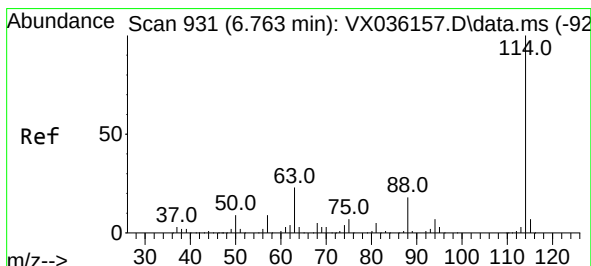
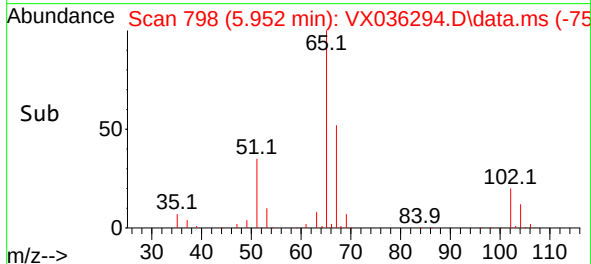
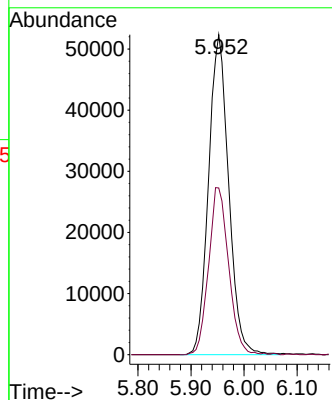
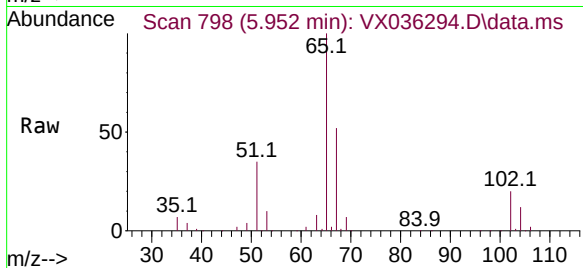
50047

Tgt Ion: 65 Resp: 137512

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036294.D

Acq: 23 Jun 2023 16:59

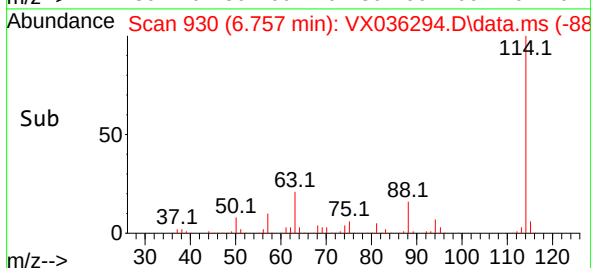
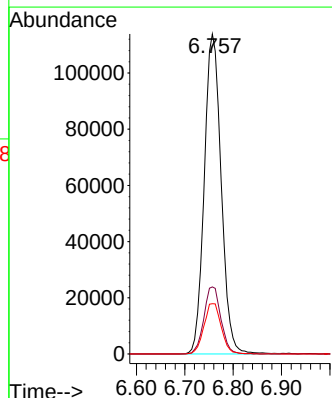
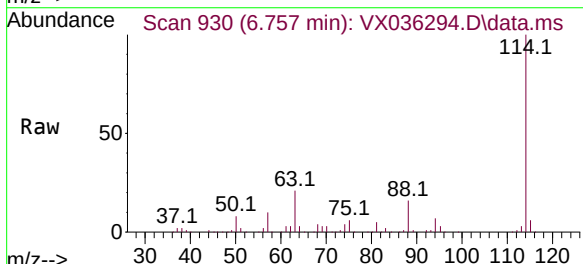
Tgt Ion: 114 Resp: 276801

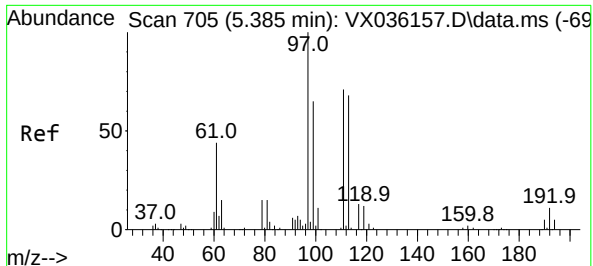
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

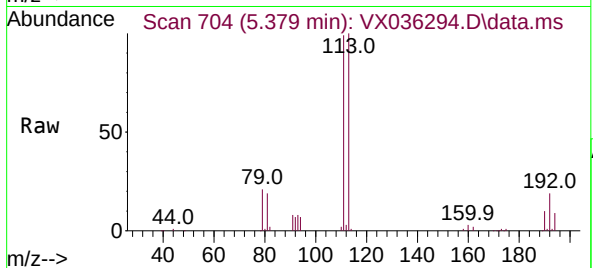
88 15.7 0.0 36.6



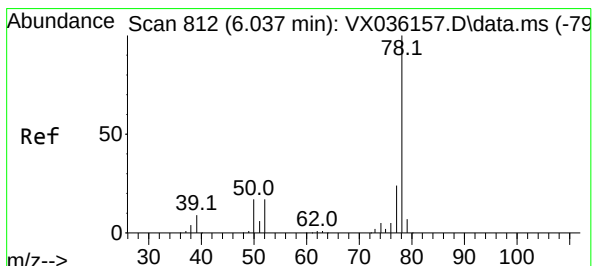
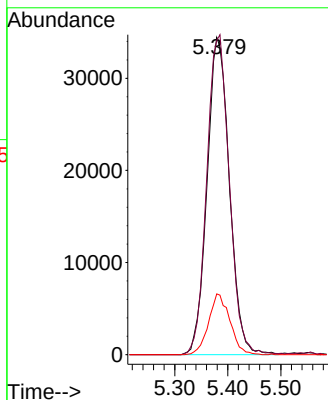
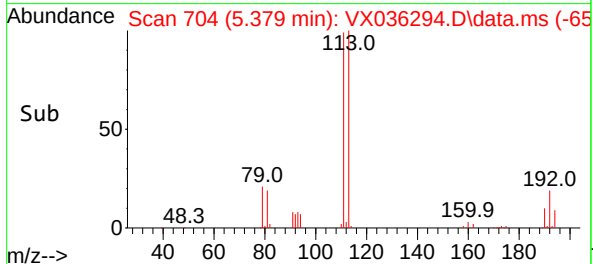


#35
Dibromofluoromethane
Concen: 55.256 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

Instrument :
MSVOA_X
ClientSampleId :
50047

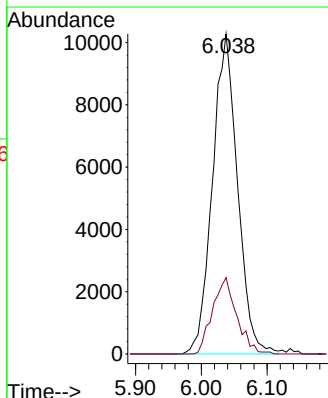
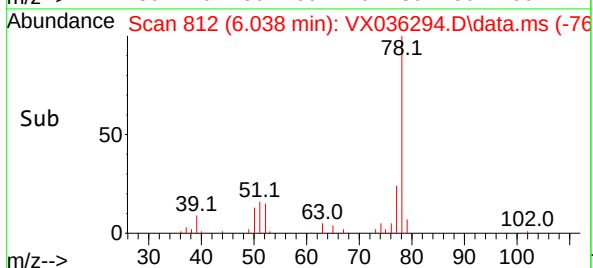
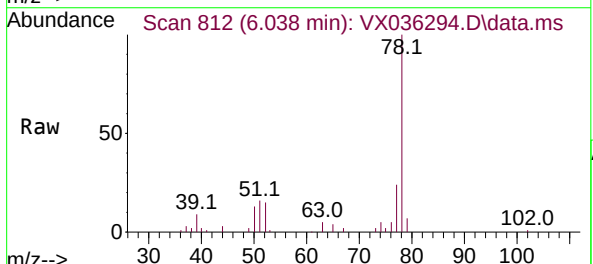


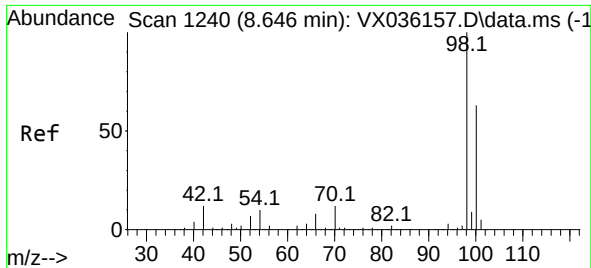
Tgt Ion:113 Resp: 100850
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.3 13.3 19.9



#40
Benzene
Concen: 3.584 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

Tgt Ion: 78 Resp: 27239
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

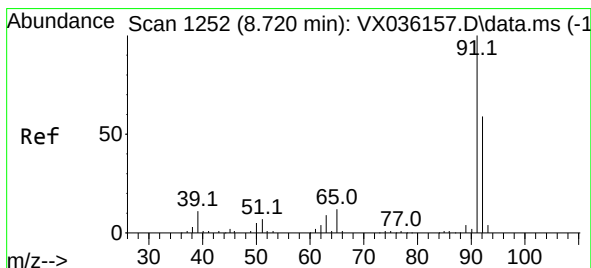
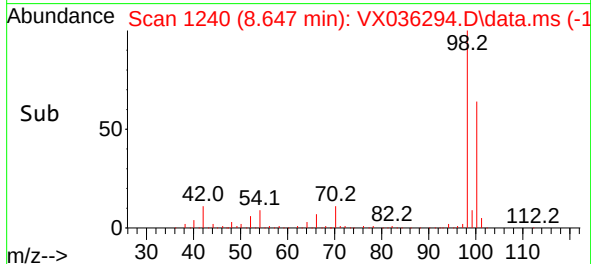
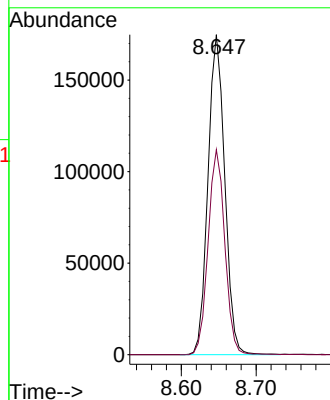
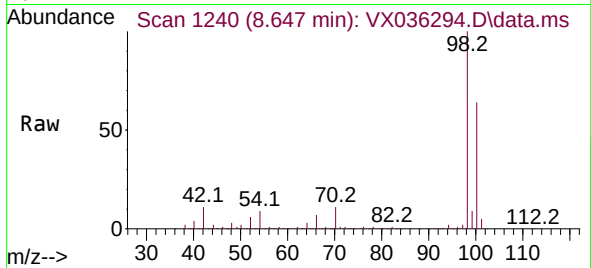




#50
Toluene-d8
Concen: 39.942 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

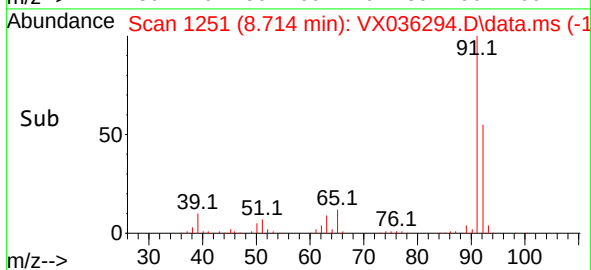
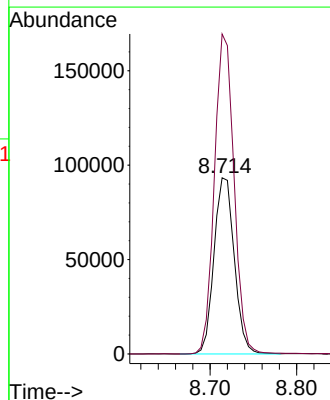
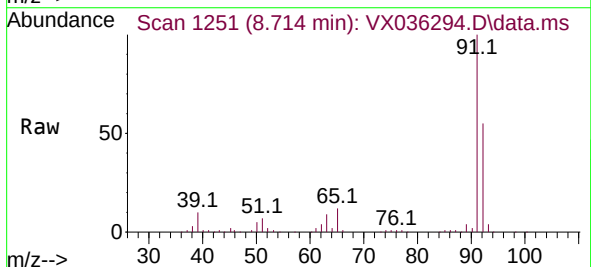
Instrument :
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ClientSampleId :
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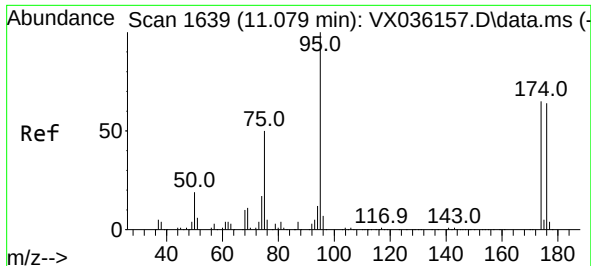
Tgt Ion: 98 Resp: 272282
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#52
Toluene
Concen: 31.577 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

Tgt Ion: 92 Resp: 152088
Ion Ratio Lower Upper
92 100
91 175.7 134.2 201.2

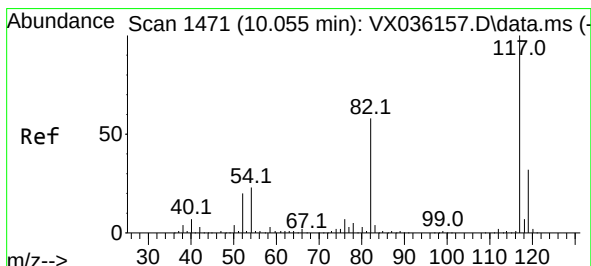
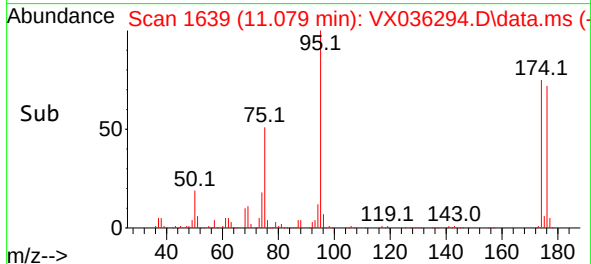
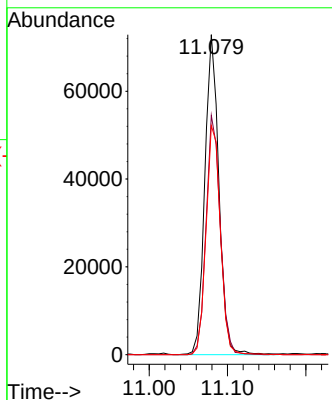
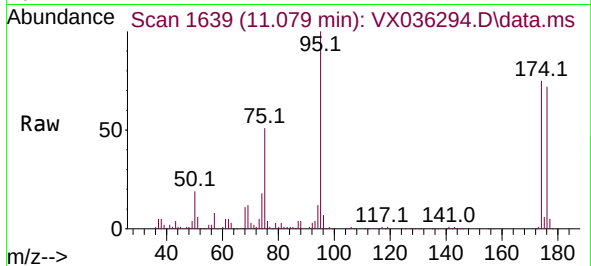




#62
4-Bromofluorobenzene
Concen: 37.782 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

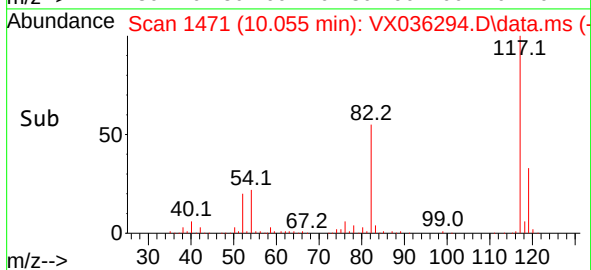
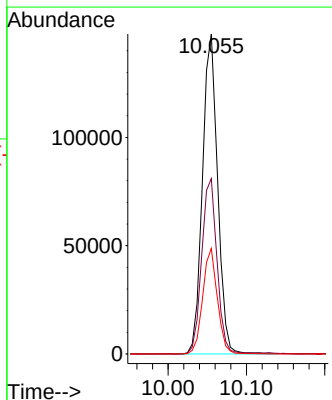
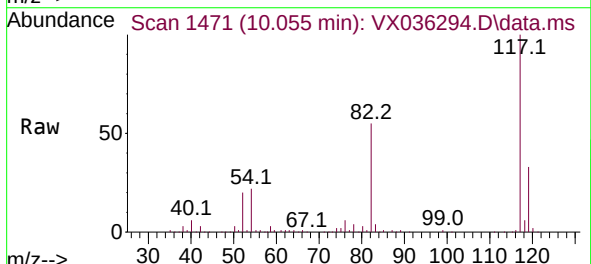
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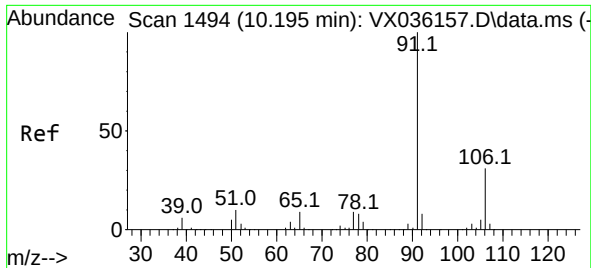
Tgt Ion: 95 Resp: 90720
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 72.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

Tgt Ion: 117 Resp: 198350
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 33.0 25.5 38.3

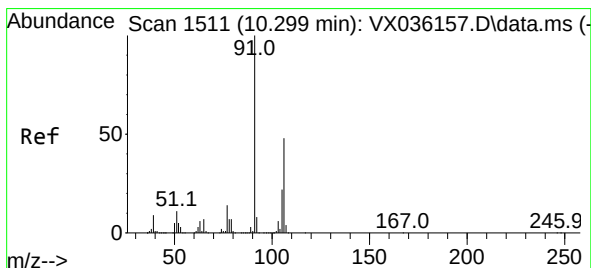
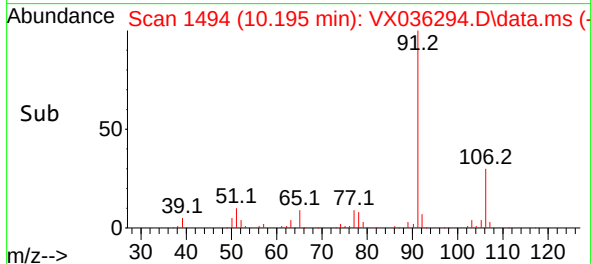
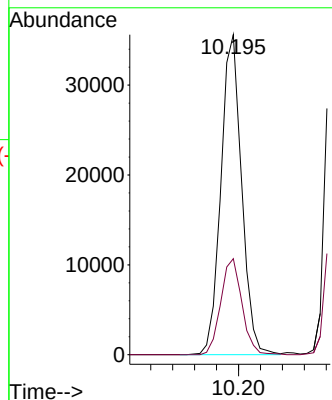
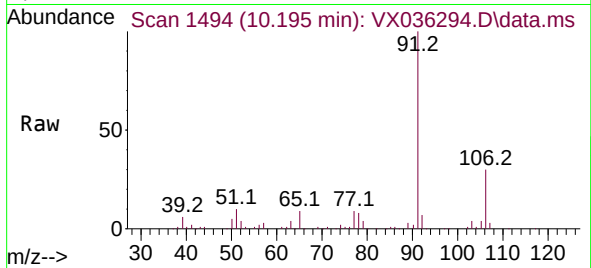




#67
Ethyl Benzene
Concen: 6.316 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

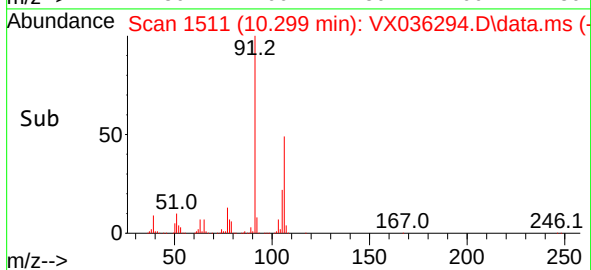
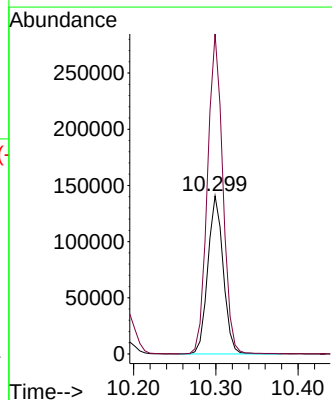
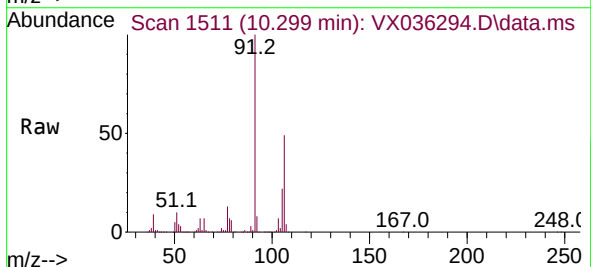
Instrument :
MSVOA_X
ClientSampleId :
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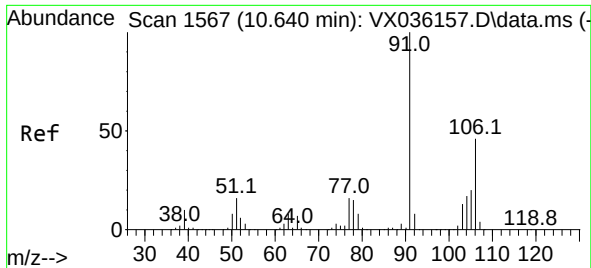
Tgt Ion: 91 Resp: 46817
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3



#68
m/p-Xylenes
Concen: 63.394 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

Tgt Ion: 106 Resp: 182573
Ion Ratio Lower Upper
106 100
91 201.7 165.5 248.3

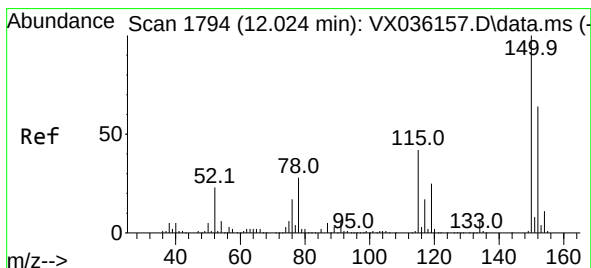
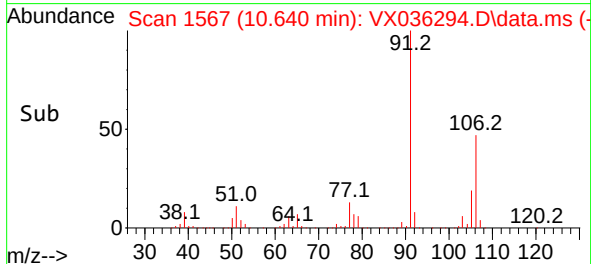
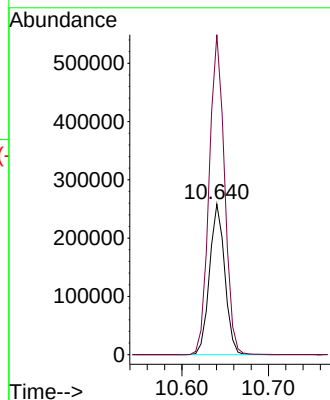
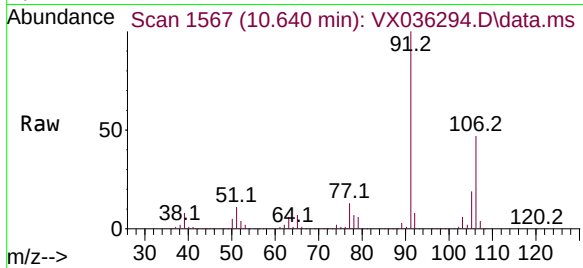




#69
o-Xylene
Concen: 113.353 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

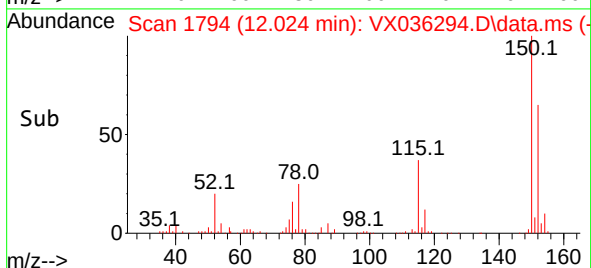
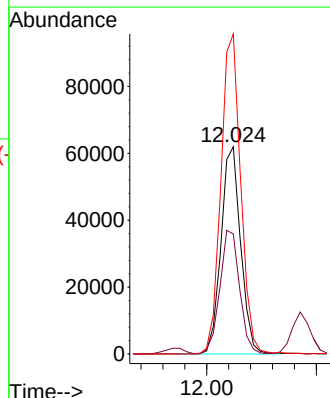
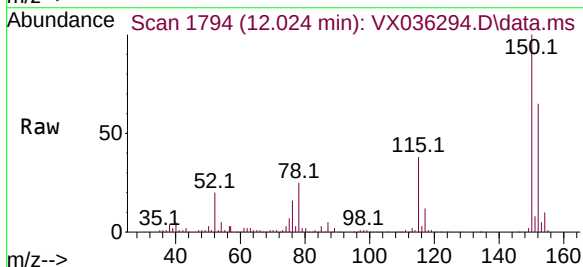
Instrument :
MSVOA_X
ClientSampleId :
50047

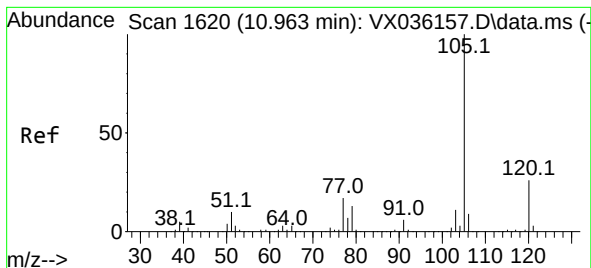
Tgt Ion:106 Resp: 315252
Ion Ratio Lower Upper
106 100
91 214.6 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

Tgt Ion:152 Resp: 77048
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 155.8 0.0 345.0





#73

Isopropylbenzene

Concen: 1.785 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036294.D

Acq: 23 Jun 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

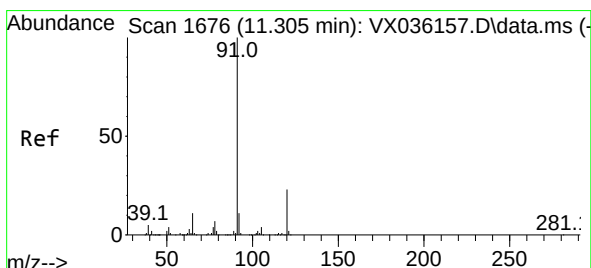
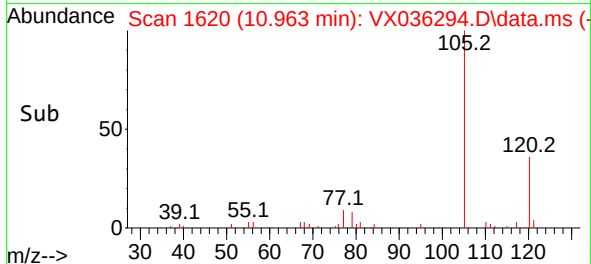
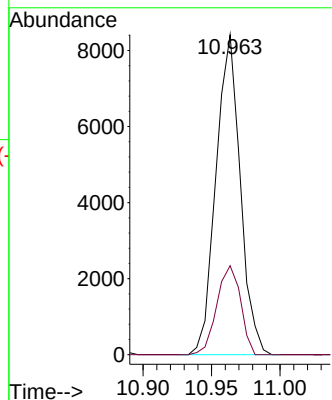
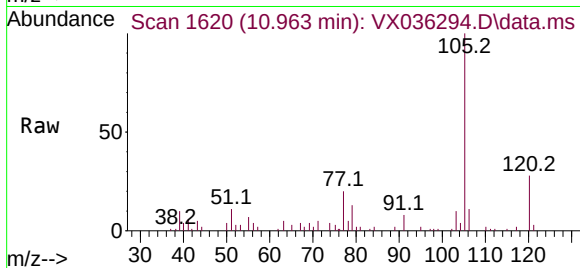
50047

Tgt Ion:105 Resp: 10363

Ion Ratio Lower Upper

105 100

120 27.1 12.9 38.6



#78

n-propylbenzene

Concen: 4.424 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036294.D

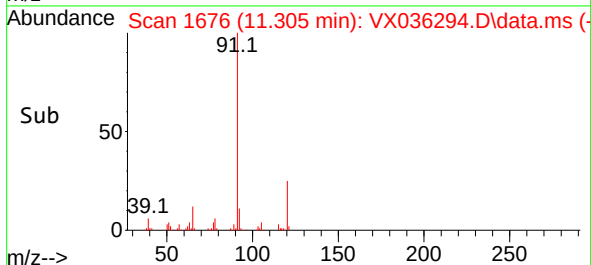
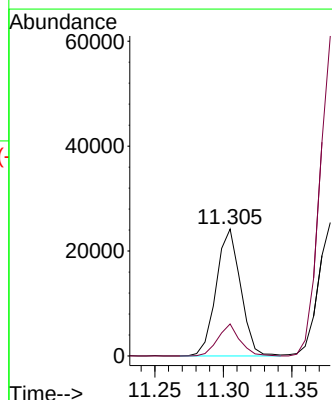
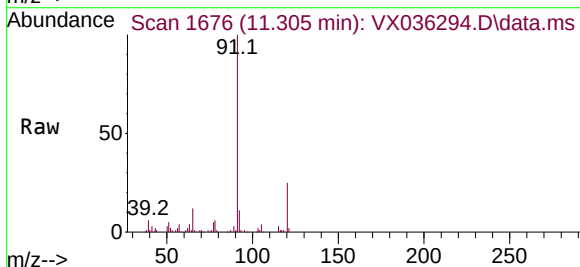
Acq: 23 Jun 2023 16:59

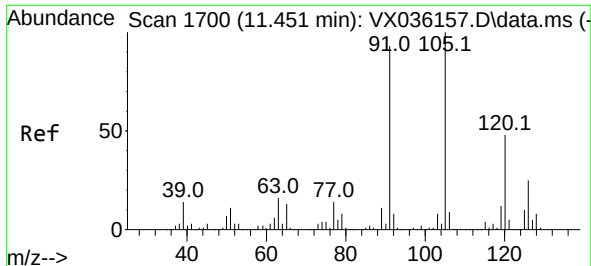
Tgt Ion: 91 Resp: 29998

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

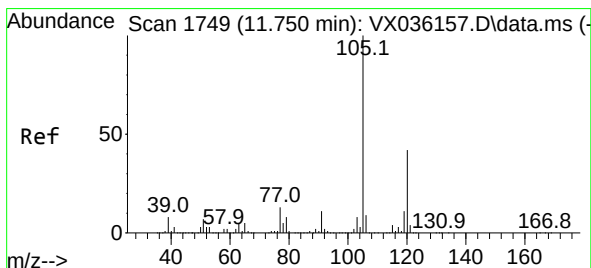
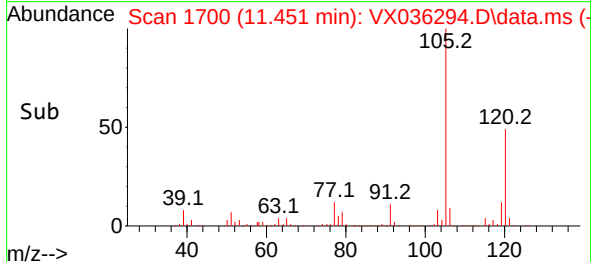
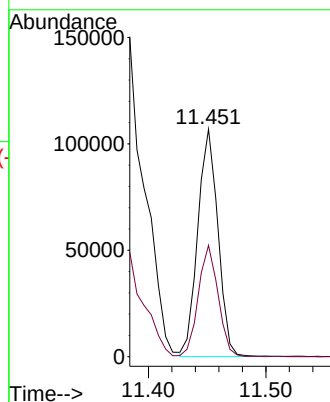
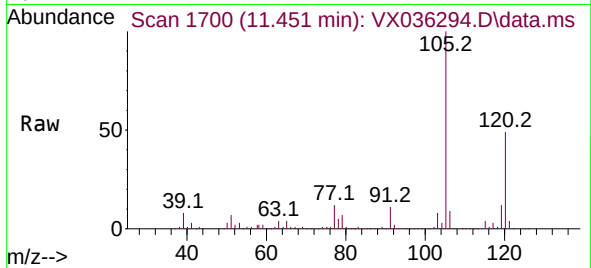




#80
1,3,5-Trimethylbenzene
Concen: 25.876 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

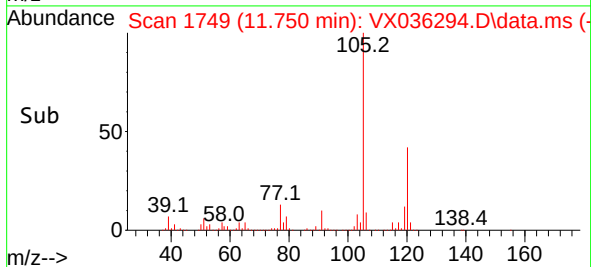
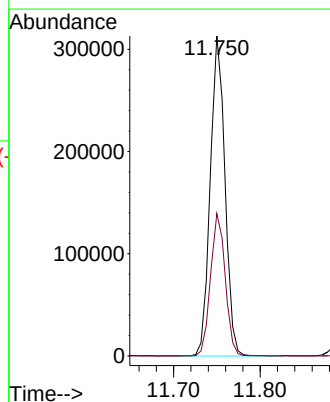
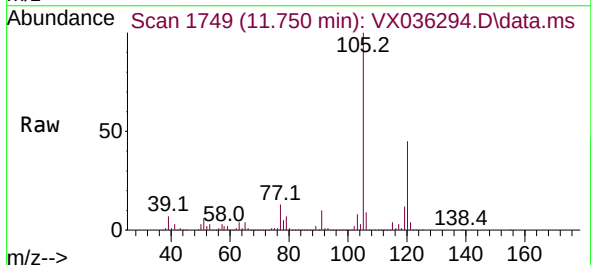
Instrument :
MSVOA_X
ClientSampleId :
50047

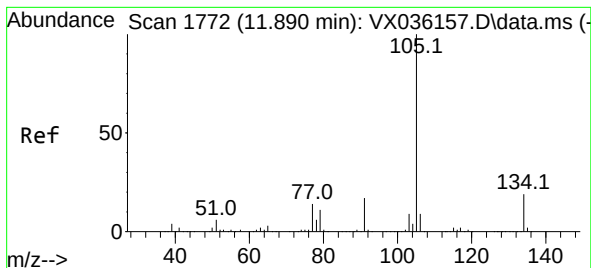
Tgt Ion:105 Resp: 127241
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 75.792 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036294.D
Acq: 23 Jun 2023 16:59

Tgt Ion:105 Resp: 368719
Ion Ratio Lower Upper
105 100
120 44.5 21.2 63.6





#85

sec-Butylbenzene

Concen: 2.283 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX036294.D

Acq: 23 Jun 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

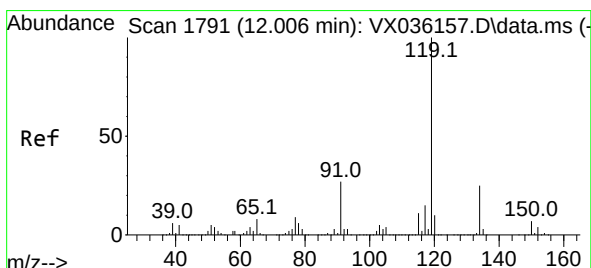
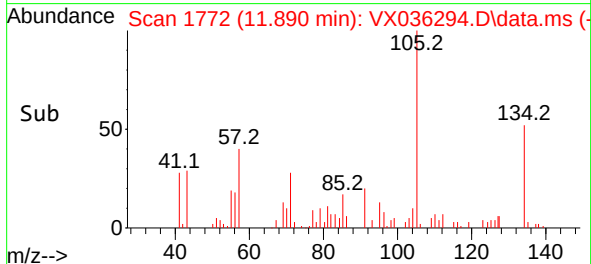
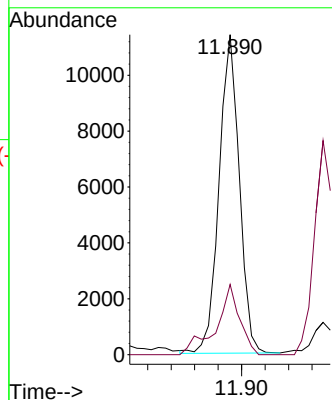
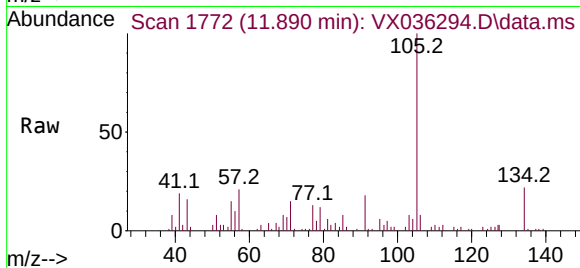
50047

Tgt Ion:105 Resp: 13630

Ion Ratio Lower Upper

105 100

134 25.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 2.178 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX036294.D

Acq: 23 Jun 2023 16:59

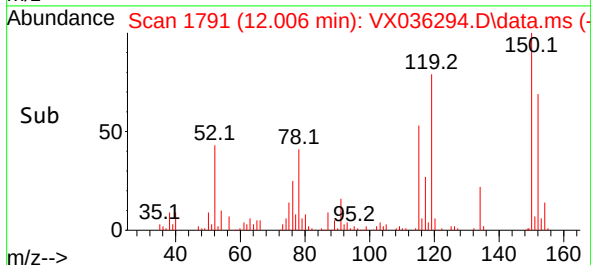
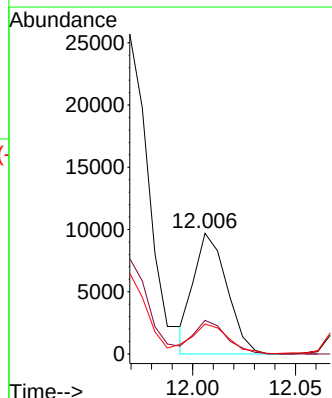
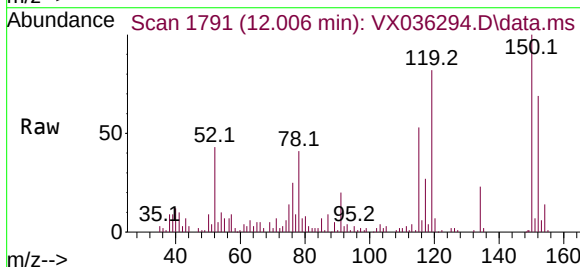
Tgt Ion:119 Resp: 10915

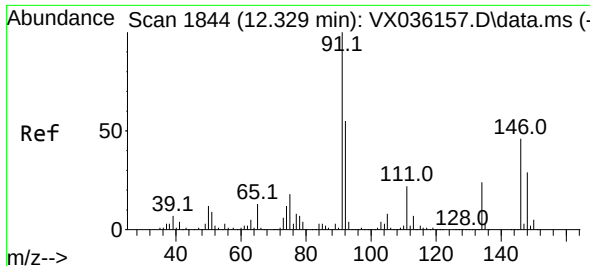
Ion Ratio Lower Upper

119 100

134 27.4 12.8 38.3

91 26.9 13.1 39.3





#89

n-Butylbenzene

Concen: 8.693 ug/l

RT: 12.317 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX036294.D

Acq: 23 Jun 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

50047

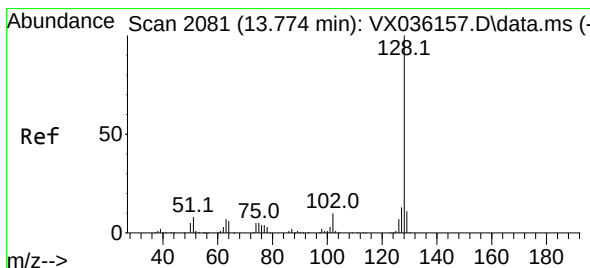
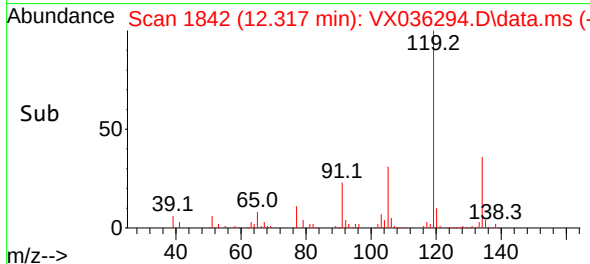
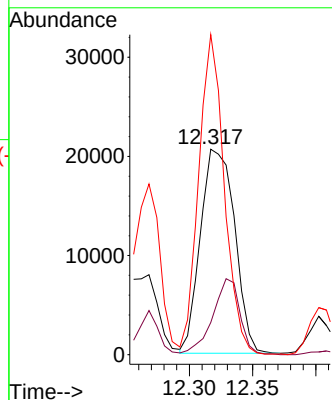
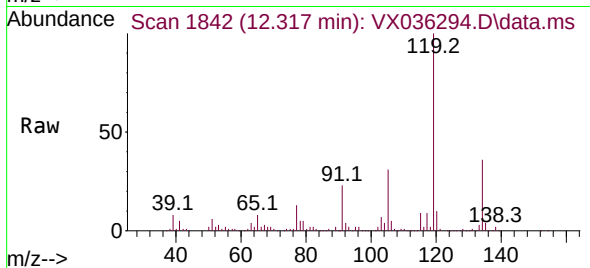
Tgt Ion: 91 Resp: 38761

Ion Ratio Lower Upper

91 100

92 29.8 27.4 82.0

134 116.7 12.6 37.8#



#95

Naphthalene

Concen: 4.918 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036294.D

Acq: 23 Jun 2023 16:59

Tgt Ion:128 Resp: 25866

Ion Ratio Lower Upper

128 100

127 15.2 10.3 15.5

129 17.3 8.8 13.2#

