

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031604.D
 Acq On : 23 Sep 2022 05:40
 Operator : JC/MD
 Sample : N4750-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-16

Quant Time: Sep 23 09:18:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

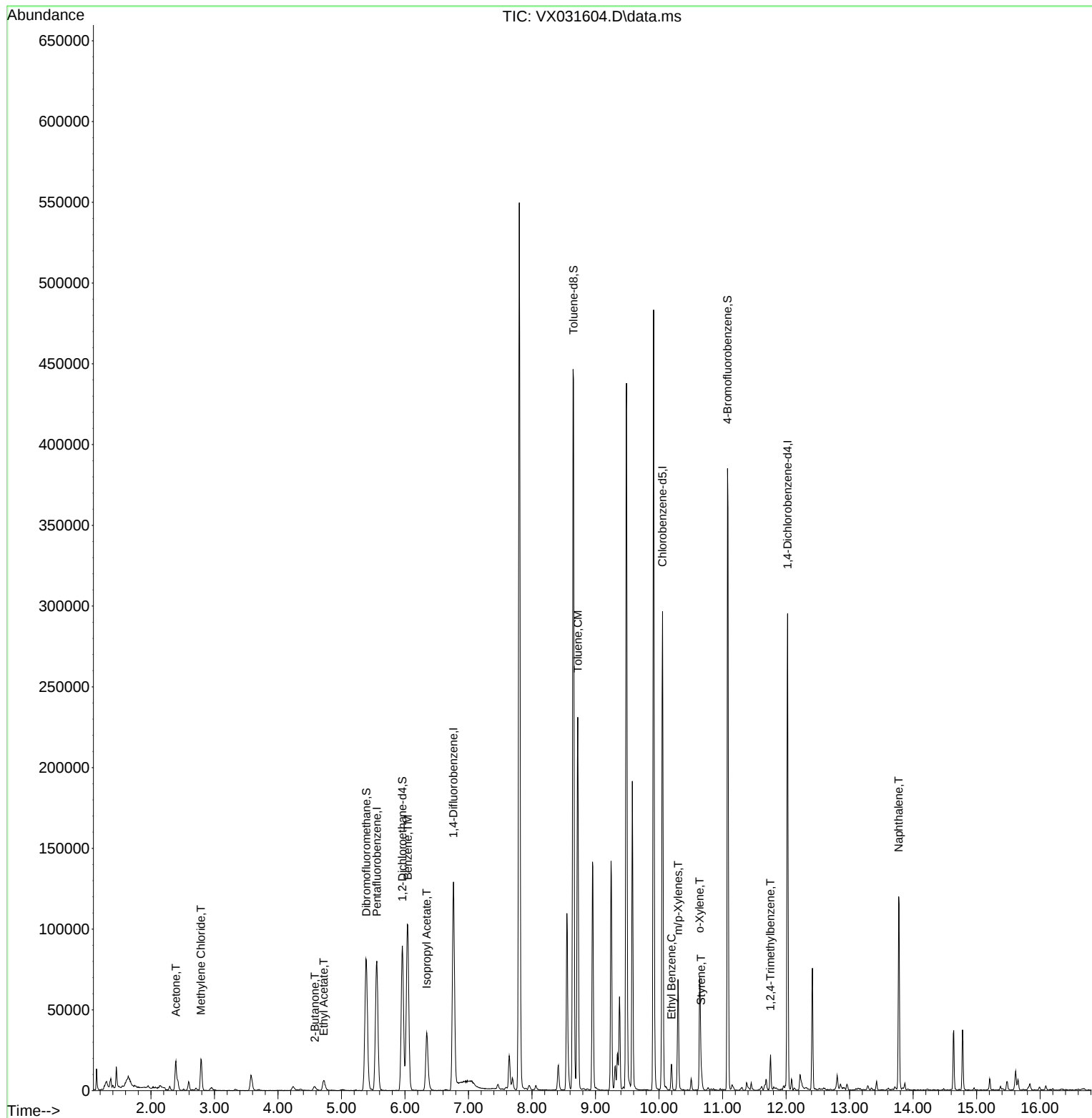
Internal Standards						
1) Pentafluorobenzene	5.556	168	77915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78789	55.148	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.300%
35) Dibromofluoromethane	5.391	113	67730	50.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	8.653	98	265476	51.429	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.860%
62) 4-Bromofluorobenzene	11.079	95	85718	49.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.040%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	19865	22.736	ug/l	89
20) Methylene Chloride	2.788	84	8674	4.675	ug/l	88
25) 2-Butanone	4.580	43	4463	4.046	ug/l	92
37) Ethyl Acetate	4.721	43	10846	4.414	ug/l	99
40) Benzene	6.043	78	123824	20.153	ug/l	96
43) Isopropyl Acetate	6.342	43	47688	12.629	ug/l	99
52) Toluene	8.720	92	82843	20.674	ug/l	97
67) Ethyl Benzene	10.195	91	9360	1.362	ug/l	96
68) m/p-Xylenes	10.299	106	15175	5.496	ug/l	96
69) o-Xylene	10.640	106	6673	2.532	ug/l	93
70) Styrene	10.659	104	5285	1.218	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	7601	2.111	ug/l	74
95) Naphthalene	13.774	128	76362	18.464	ug/l	100

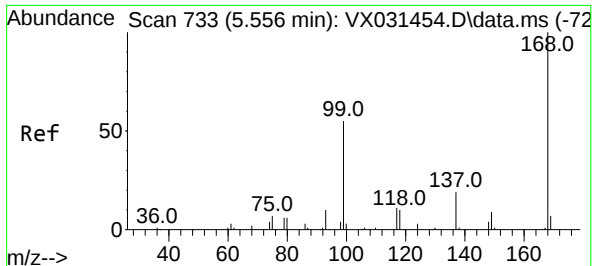
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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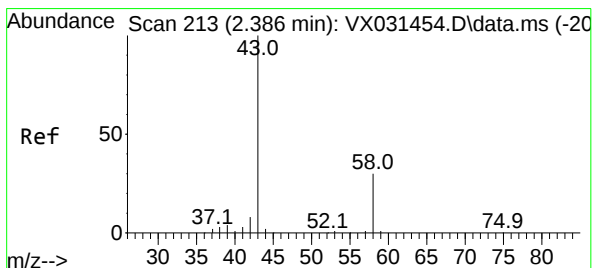
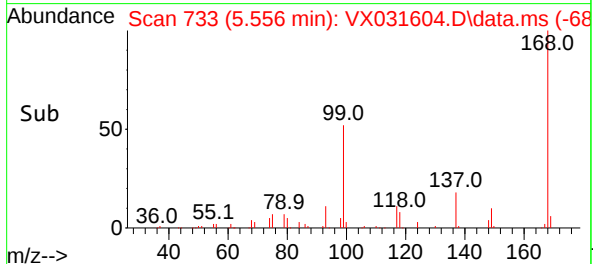
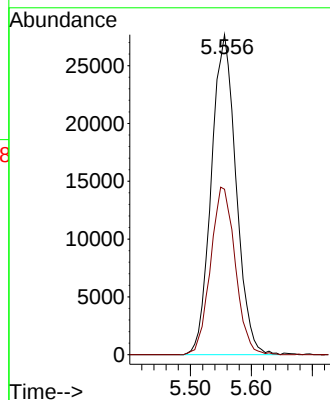
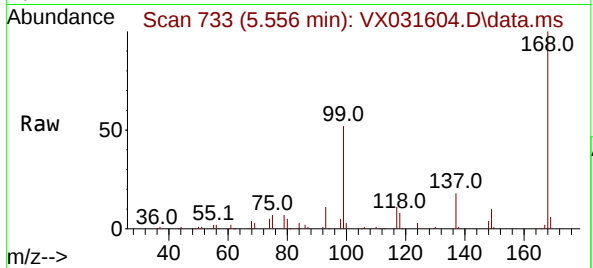




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031604.D
Acq: 23 Sep 2022 05:40

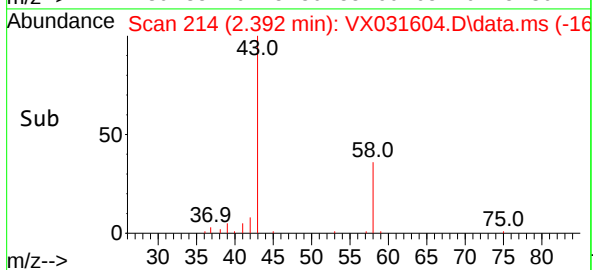
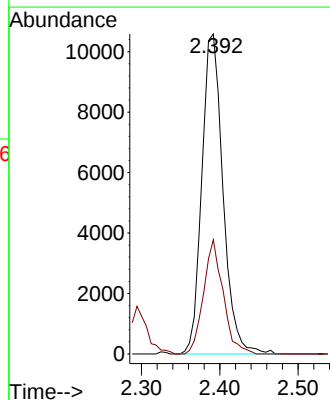
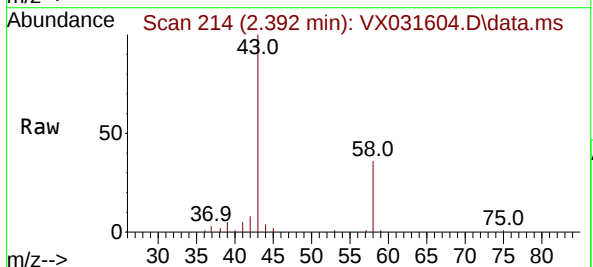
Instrument :
MSVOA_X
ClientSampleId :
SB-16

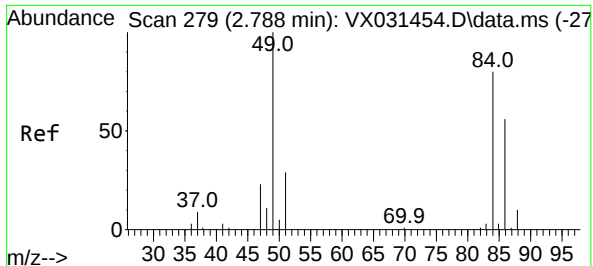
Tgt Ion:168 Resp: 77915
Ion Ratio Lower Upper
168 100
99 51.7 48.8 73.2



#16
Acetone
Concen: 22.736 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031604.D
Acq: 23 Sep 2022 05:40

Tgt Ion: 43 Resp: 19865
Ion Ratio Lower Upper
43 100
58 35.7 23.8 35.8

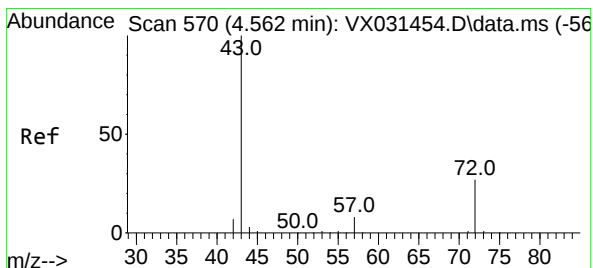
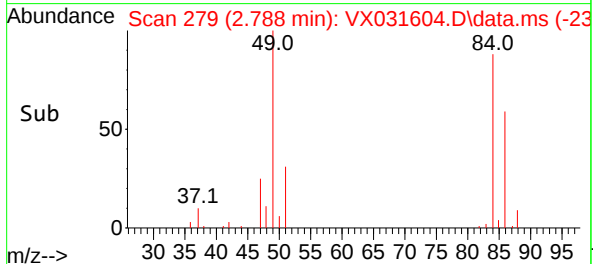
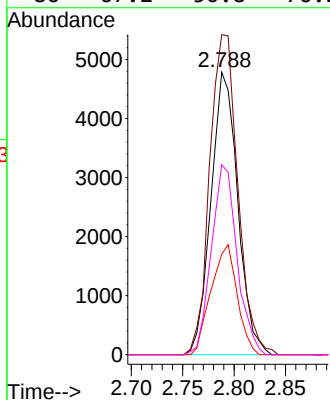
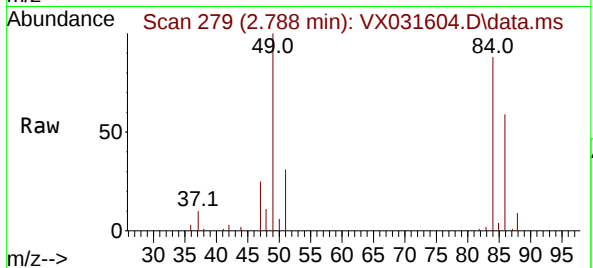




#20
Methylene Chloride
Concen: 4.675 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031604.D
Acq: 23 Sep 2022 05:40

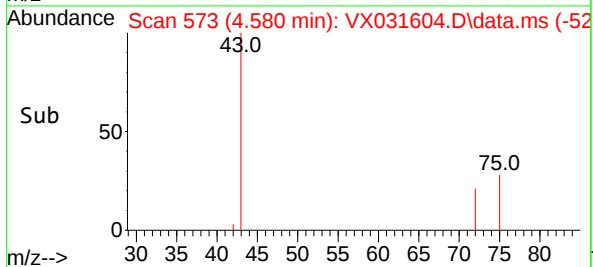
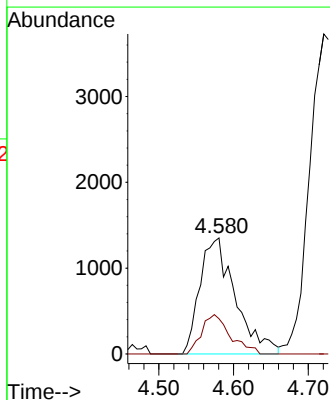
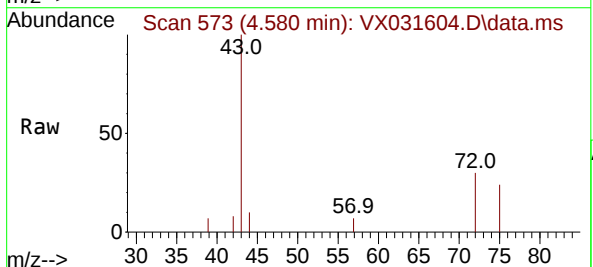
Instrument :
MSVOA_X
ClientSampleId :
SB-16

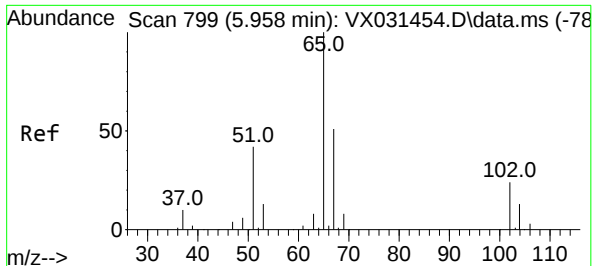
Tgt Ion:	84	Resp:	8674
Ion	Ratio	Lower	Upper
84	100		
49	113.3	105.9	158.9
51	35.6	32.2	48.2
86	67.2	50.8	76.2



#25
2-Butanone
Concen: 4.046 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX031604.D
Acq: 23 Sep 2022 05:40

Tgt Ion:	43	Resp:	4463
Ion	Ratio	Lower	Upper
43	100		
72	30.4	21.1	31.7





#33

1,2-Dichloroethane-d4

Concen: 55.148 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031604.D

Acq: 23 Sep 2022 05:40

Instrument :

MSVOA_X

ClientSampleId :

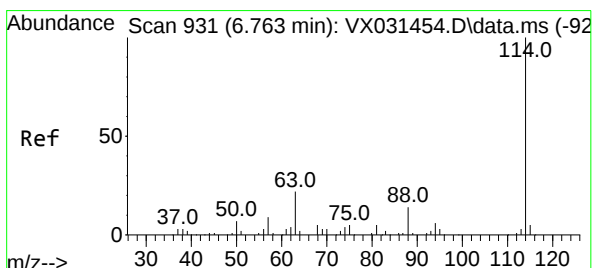
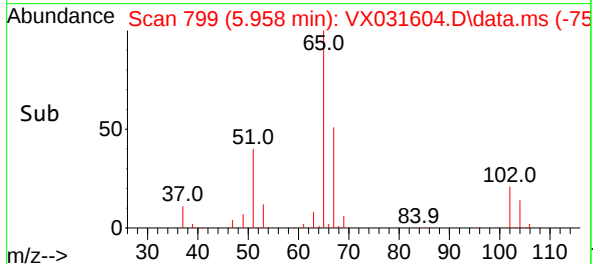
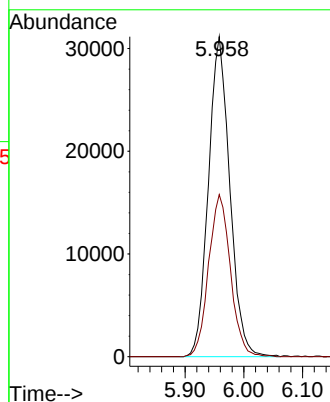
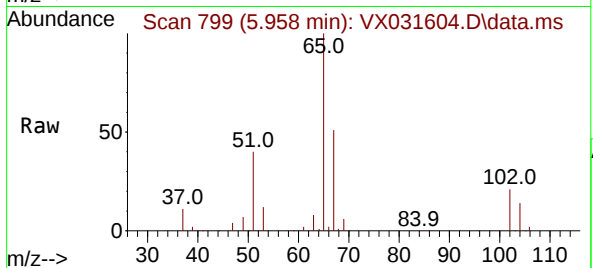
SB-16

Tgt Ion: 65 Resp: 78789

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031604.D

Acq: 23 Sep 2022 05:40

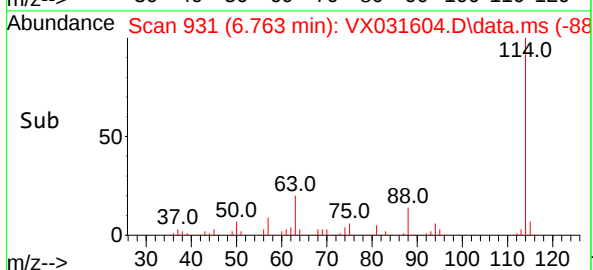
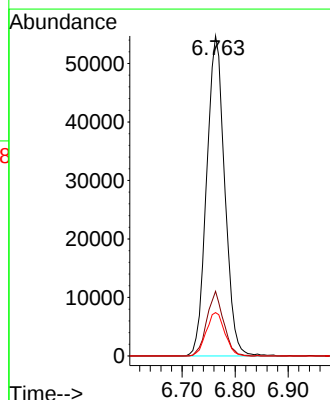
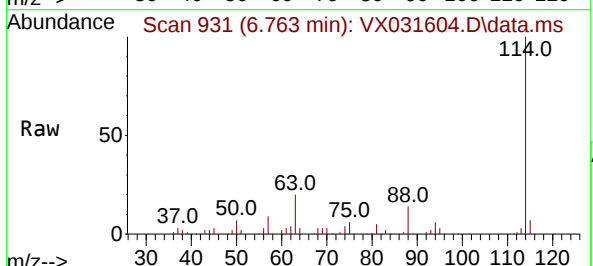
Tgt Ion: 114 Resp: 129566

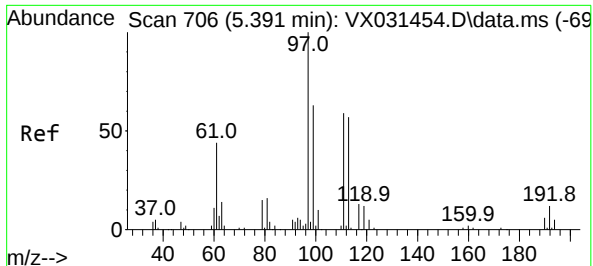
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 13.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.583 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031604.D

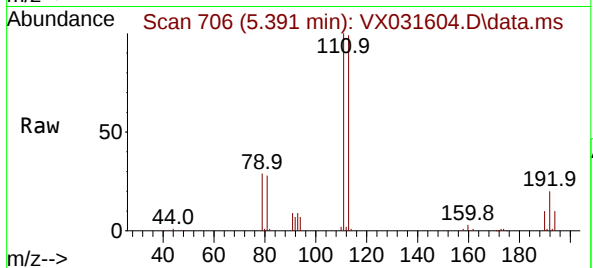
Acq: 23 Sep 2022 05:40

Instrument :

MSVOA_X

ClientSampleId :

SB-16



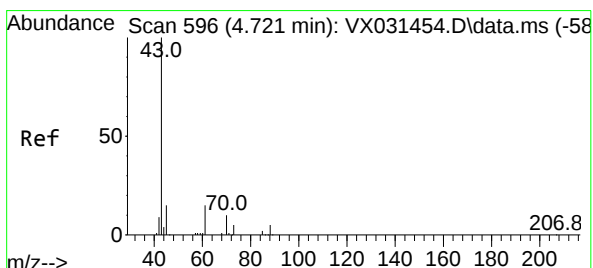
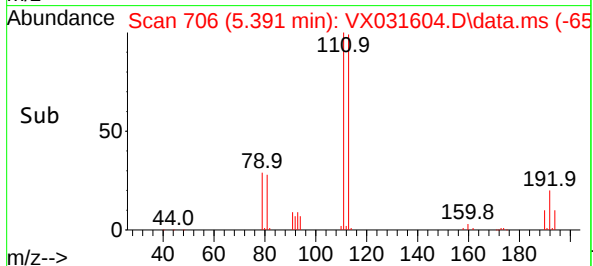
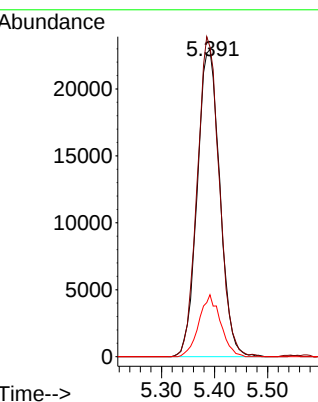
Tgt Ion:113 Resp: 67730

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 19.3 14.1 21.1



#37

Ethyl Acetate

Concen: 4.414 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX031604.D

Acq: 23 Sep 2022 05:40

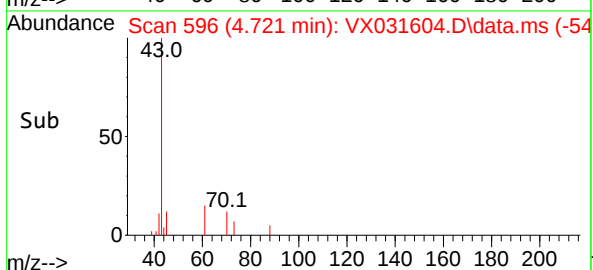
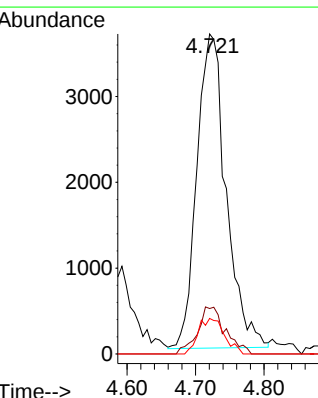
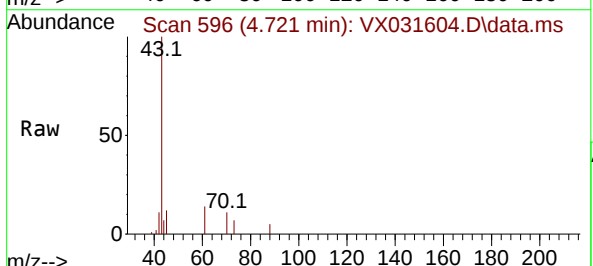
Tgt Ion: 43 Resp: 10846

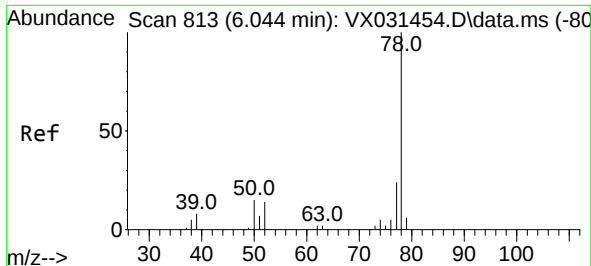
Ion Ratio Lower Upper

43 100

61 14.2 11.1 16.7

70 10.1 8.6 13.0

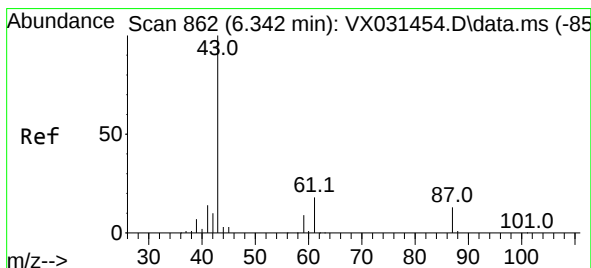
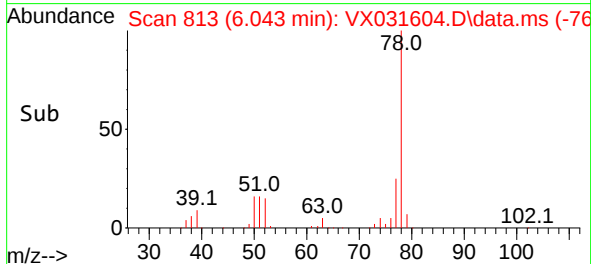
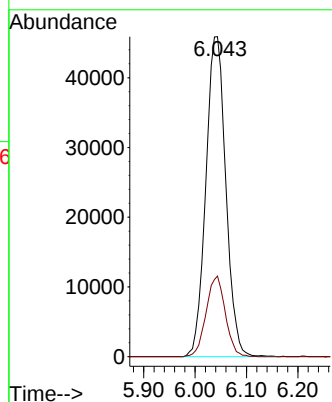
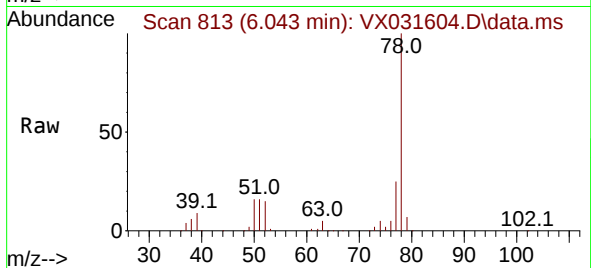




#40
Benzene
Concen: 20.153 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX031604.D
Acq: 23 Sep 2022 05:40

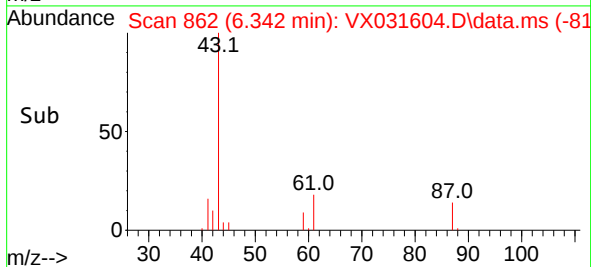
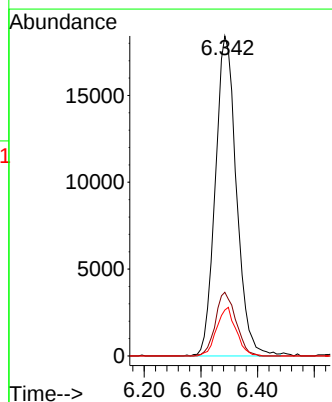
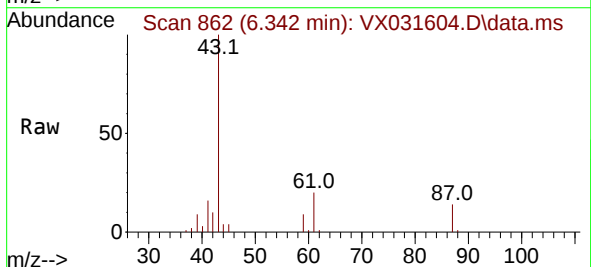
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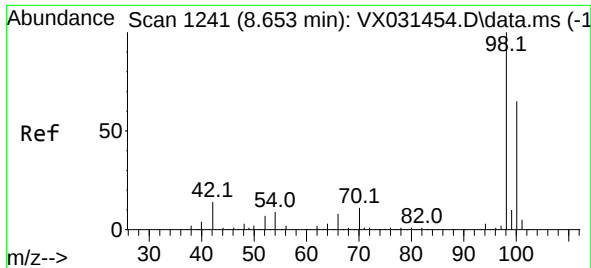
Tgt Ion: 78 Resp: 123824
Ion Ratio Lower Upper
78 100
77 25.2 18.7 28.1



#43
Isopropyl Acetate
Concen: 12.629 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031604.D
Acq: 23 Sep 2022 05:40

Tgt Ion: 43 Resp: 47688
Ion Ratio Lower Upper
43 100
61 19.3 15.3 22.9
87 13.9 10.6 15.8

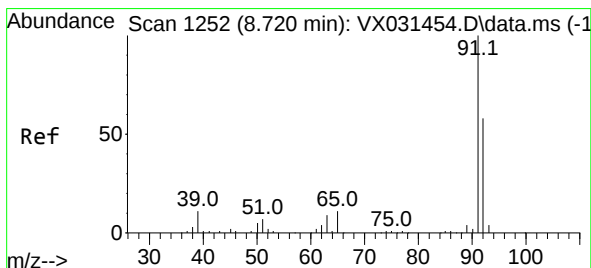
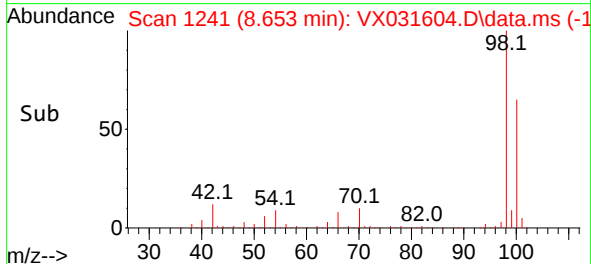
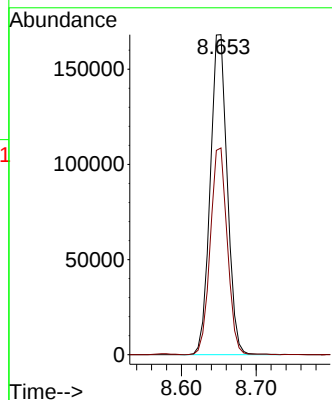
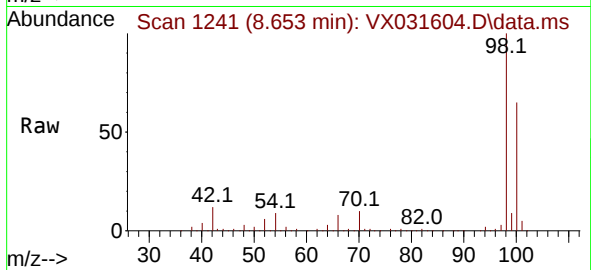




#50
Toluene-d8
Concen: 51.429 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031604.D
Acq: 23 Sep 2022 05:40

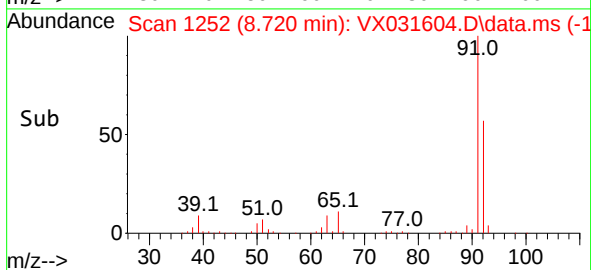
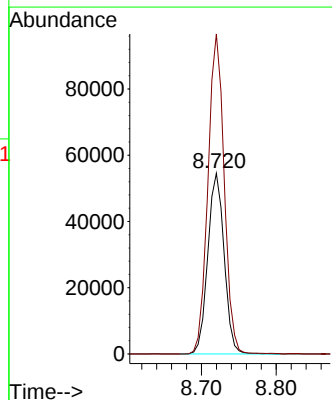
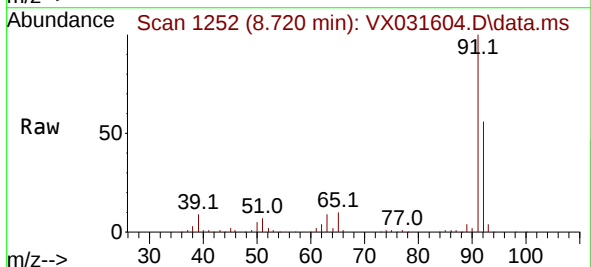
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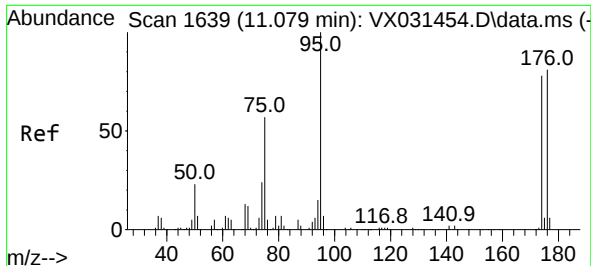
Tgt Ion: 98 Resp: 265476
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#52
Toluene
Concen: 20.674 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031604.D
Acq: 23 Sep 2022 05:40

Tgt Ion: 92 Resp: 82843
Ion Ratio Lower Upper
92 100
91 176.0 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 49.023 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031604.D

Acq: 23 Sep 2022 05:40

Instrument :

MSVOA_X

ClientSampleId :

SB-16

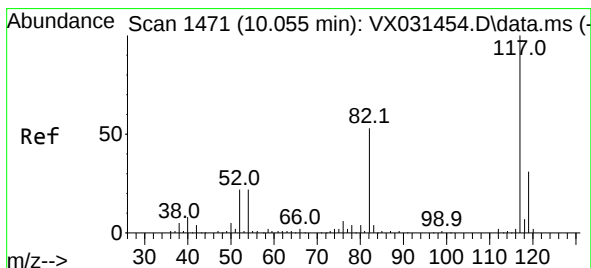
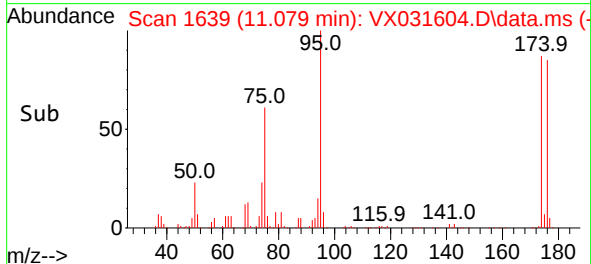
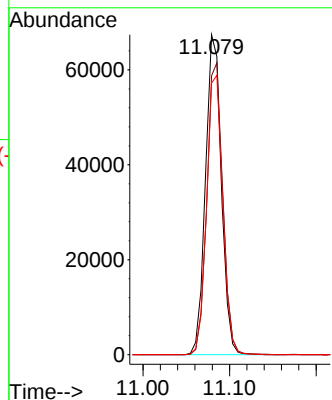
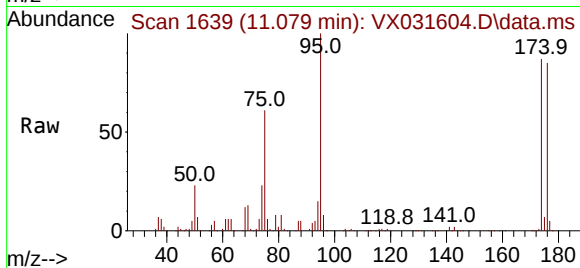
Tgt Ion: 95 Resp: 85718

Ion Ratio Lower Upper

95 100

174 91.6 0.0 153.2

176 89.2 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031604.D

Acq: 23 Sep 2022 05:40

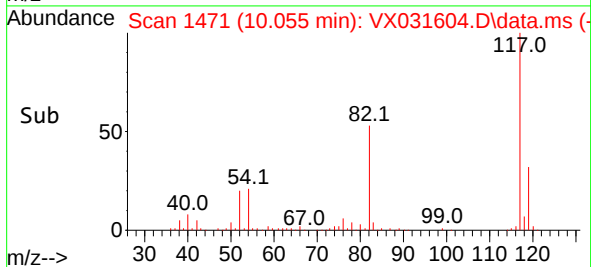
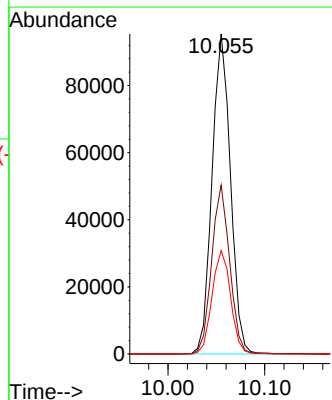
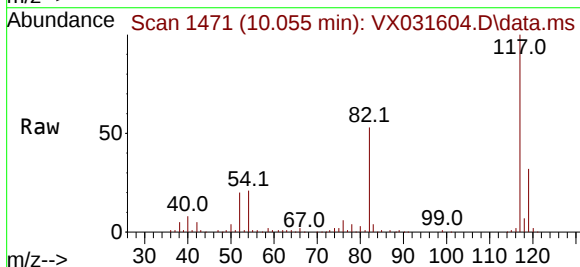
Tgt Ion: 117 Resp: 126198

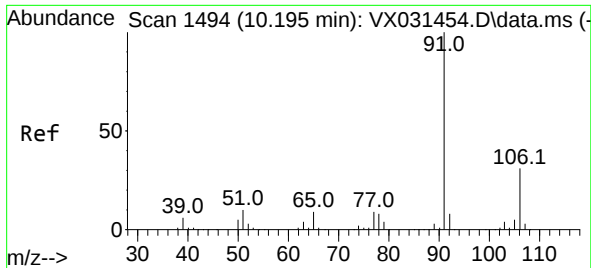
Ion Ratio Lower Upper

117 100

82 52.8 46.8 70.2

119 32.3 26.4 39.6

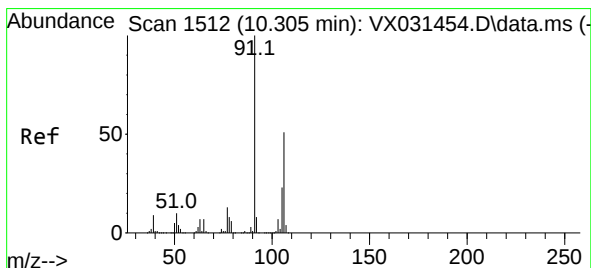
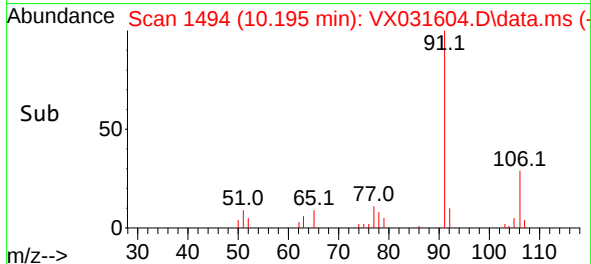
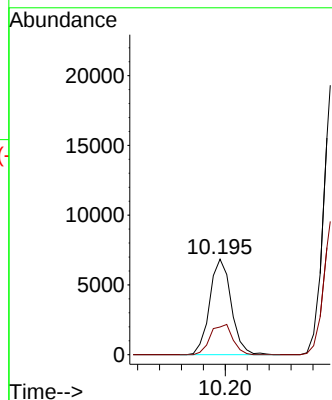
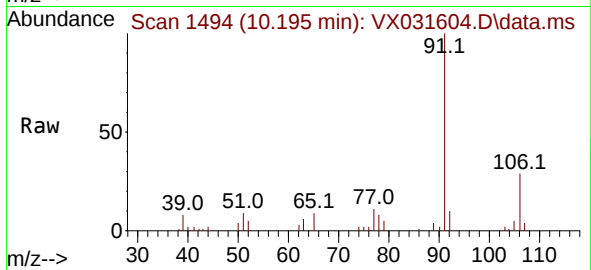




#67
Ethyl Benzene
Concen: 1.362 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031604.D
Acq: 23 Sep 2022 05:40

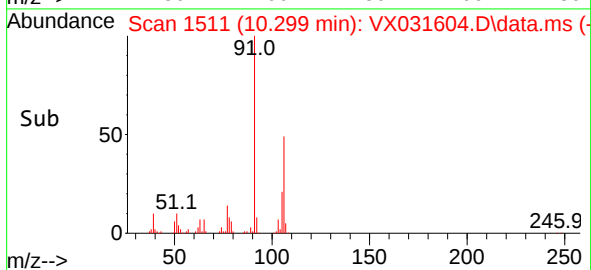
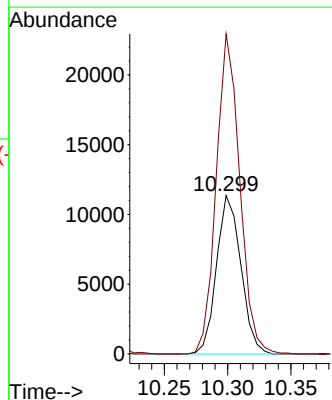
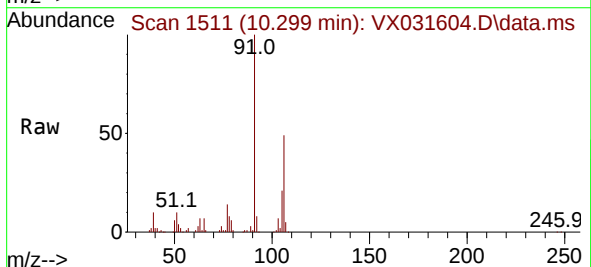
Instrument :
MSVOA_X
ClientSampleId :
SB-16

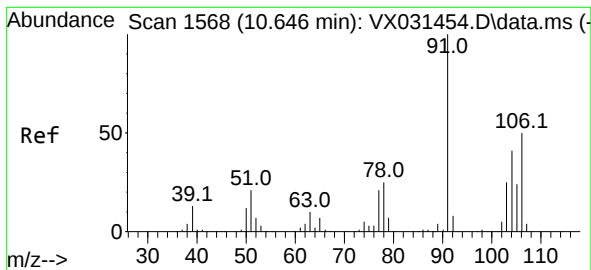
Tgt Ion: 91 Resp: 9360
Ion Ratio Lower Upper
91 100
106 29.1 25.2 37.8



#68
m/p-Xylenes
Concen: 5.496 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031604.D
Acq: 23 Sep 2022 05:40

Tgt Ion: 106 Resp: 15175
Ion Ratio Lower Upper
106 100
91 195.2 161.0 241.4





#69

o-Xylene

Concen: 2.532 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX031604.D

Acq: 23 Sep 2022 05:40

Instrument :

MSVOA_X

ClientSampleId :

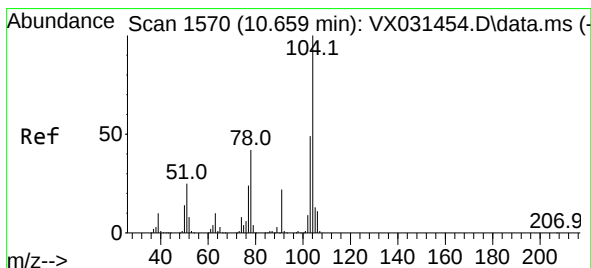
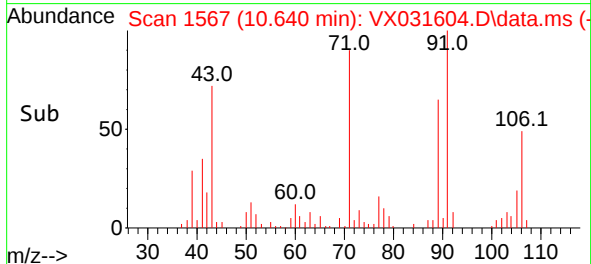
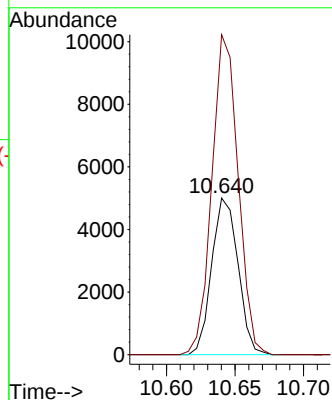
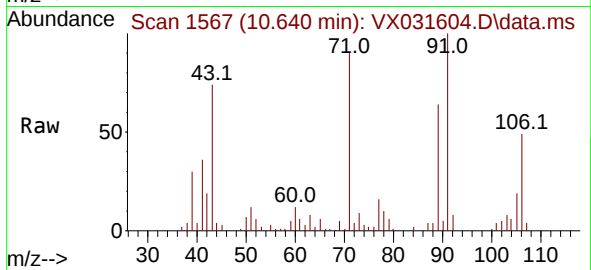
SB-16

Tgt Ion:106 Resp: 6673

Ion Ratio Lower Upper

106 100

91 204.0 107.2 321.6



#70

Styrene

Concen: 1.218 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX031604.D

Acq: 23 Sep 2022 05:40

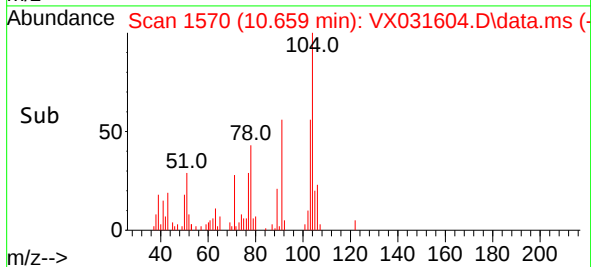
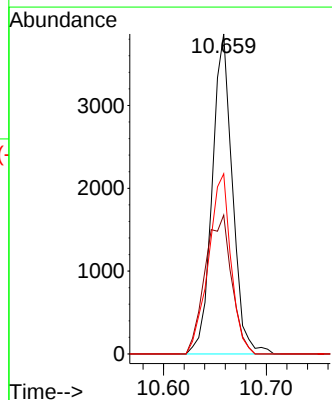
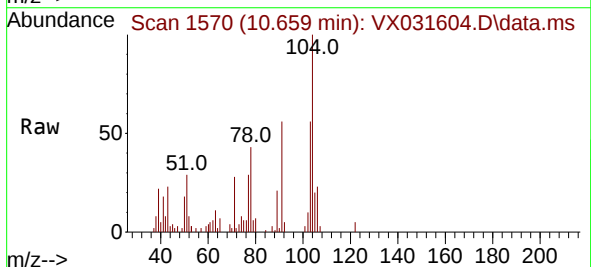
Tgt Ion:104 Resp: 5285

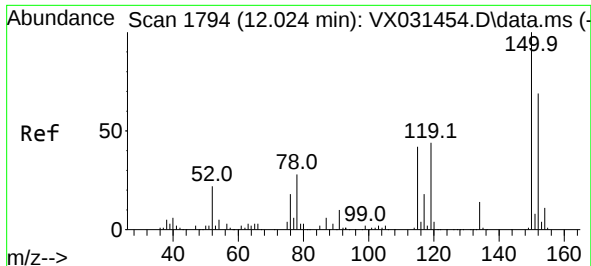
Ion Ratio Lower Upper

104 100

78 57.0 41.4 62.2

103 62.5 43.8 65.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031604.D

Acq: 23 Sep 2022 05:40

Instrument :

MSVOA_X

ClientSampleId :

SB-16

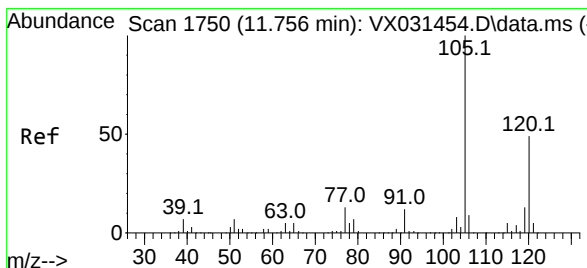
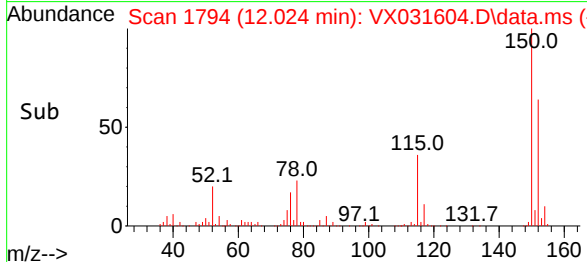
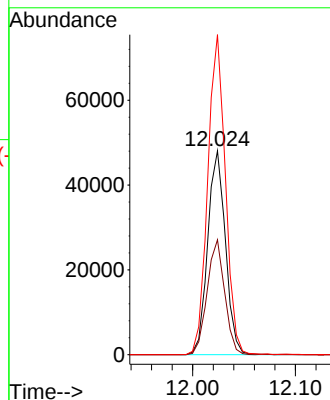
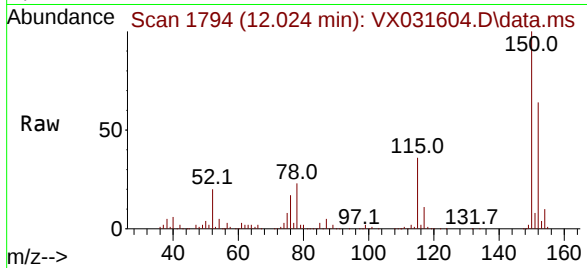
Tgt Ion:152 Resp: 57690

Ion Ratio Lower Upper

152 100

115 55.7 43.4 130.1

150 156.2 0.0 346.8



#84

1,2,4-Trimethylbenzene

Concen: 2.111 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX031604.D

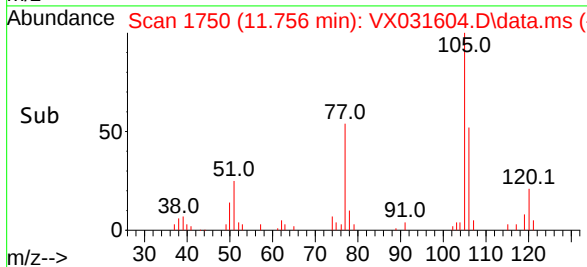
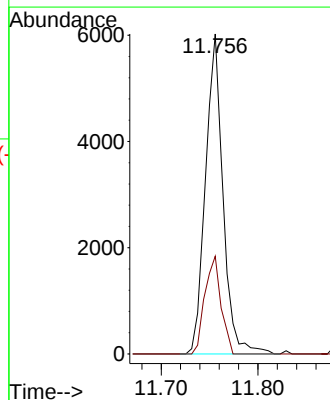
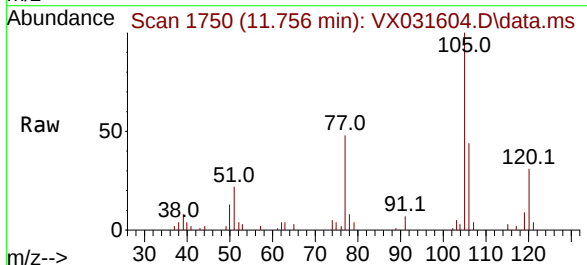
Acq: 23 Sep 2022 05:40

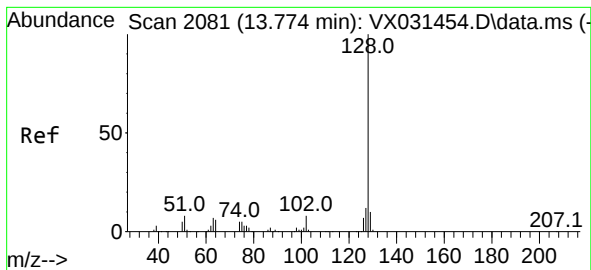
Tgt Ion:105 Resp: 7601

Ion Ratio Lower Upper

105 100

120 28.1 22.6 67.8





#95
Naphthalene
Concen: 18.464 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031604.D
Acq: 23 Sep 2022 05:40

Instrument :
MSVOA_X
ClientSampleId :
SB-16

Tgt Ion:128 Resp: 76362
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.8 13.2

