

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX030004.D
 Acq On : 11 Jul 2022 17:54
 Operator : JC/MD
 Sample : N3524-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31494

Quant Time: Jul 12 02:04:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

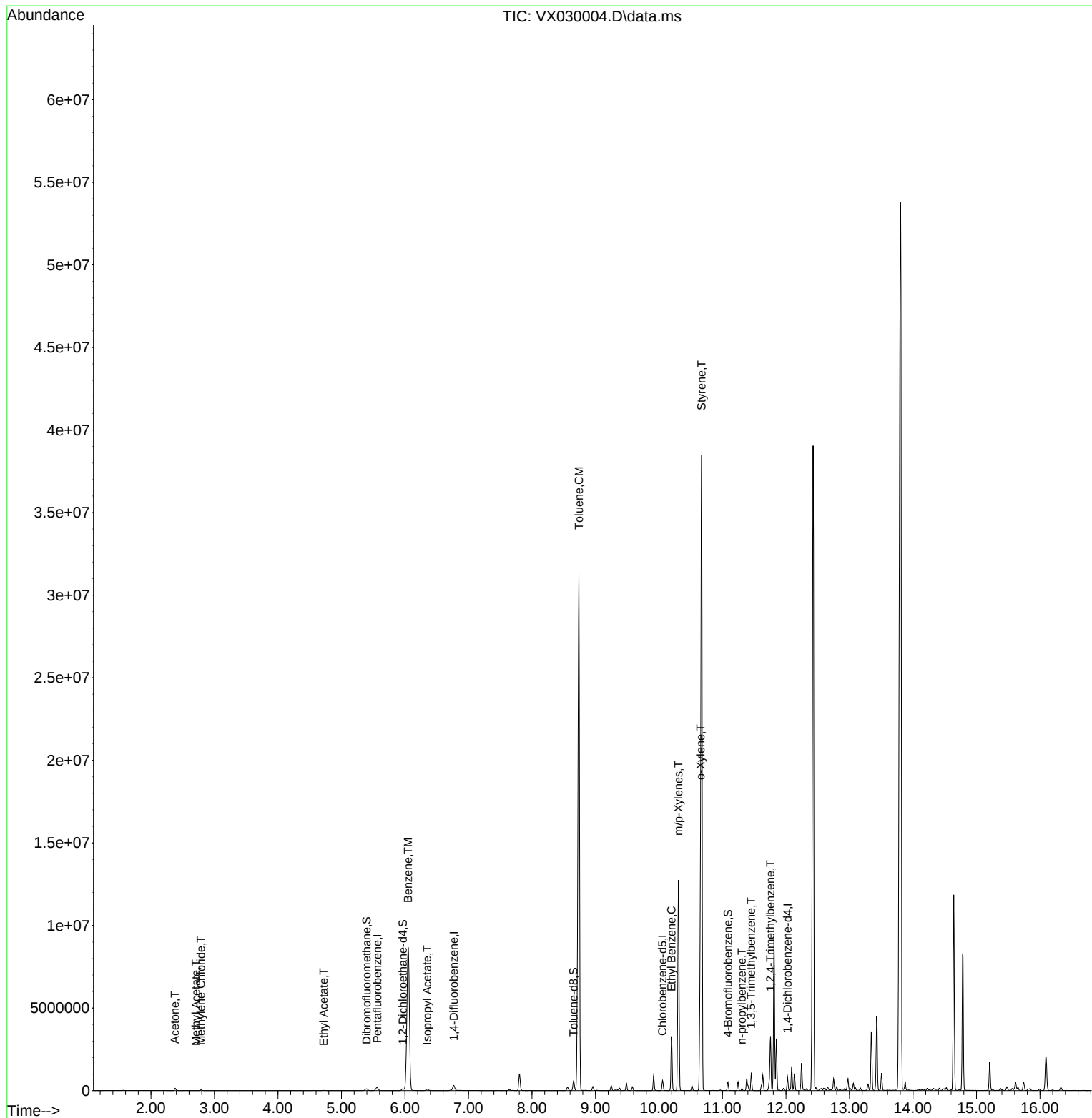
Internal Standards						
1) Pentafluorobenzene	5.562	168	192806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	326325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103414	42.372	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.740%
35) Dibromofluoromethane	5.397	113	99257	48.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	8.653	98	377510	49.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.680%
62) 4-Bromofluorobenzene	11.085	95	143922	53.218	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.440%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	143636	120.297	ug/l	97
18) Methyl Acetate	2.709	43	3785	1.028	ug/l	96
20) Methylene Chloride	2.788	84	23680	9.391	ug/l	98
37) Ethyl Acetate	4.721	43	29498	7.952	ug/l	98
40) Benzene	6.050	78	10763477	1227.225	ug/l	94
43) Isopropyl Acetate	6.348	43	114336	20.468	ug/l	99
52) Toluene	8.738	92	13003574	2457.024	ug/l	77
67) Ethyl Benzene	10.195	91	1903706	185.719	ug/l	100
68) m/p-Xylenes	10.305	106	3014063	766.669	ug/l	99
69) o-Xylene	10.653	106	1827483	458.929	ug/l	99
70) Styrene	10.671	104	12760746	1938.646	ug/l #	91
78) n-propylbenzene	11.305	91	76504	5.927	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	444793	48.955	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1410940	155.020	ug/l	100

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

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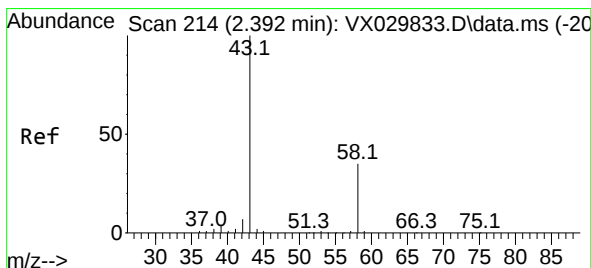
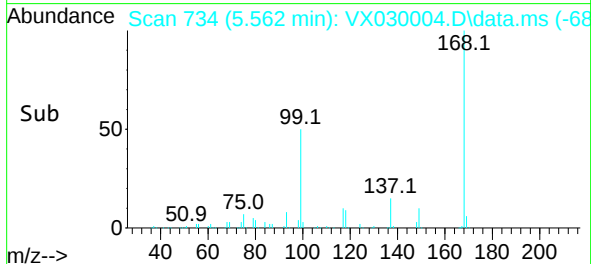
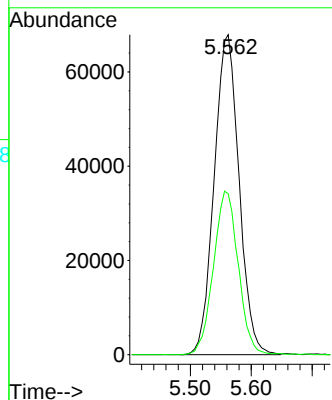
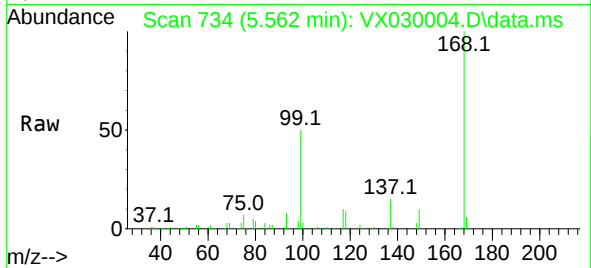




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

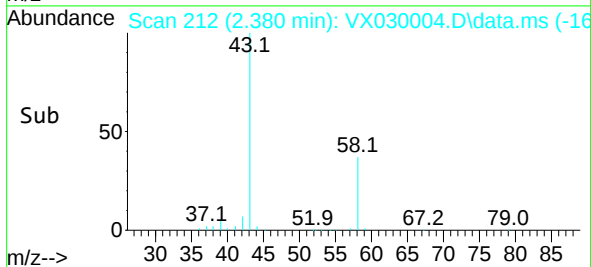
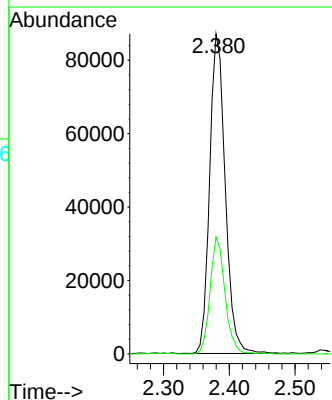
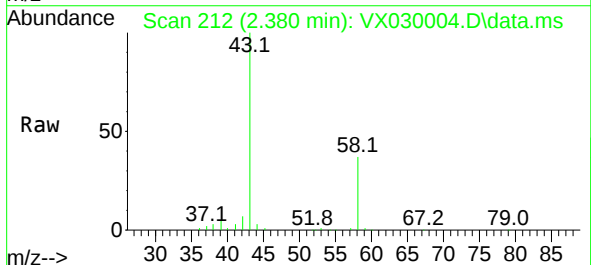
Instrument :
MSVOA_X
ClientSampleId :
31494

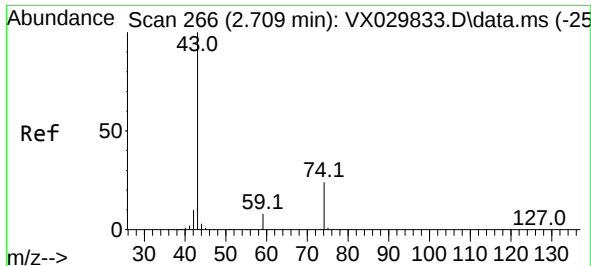
Tgt Ion:168 Resp: 192806
Ion Ratio Lower Upper
168 100
99 50.3 44.0 66.0



#16
Acetone
Concen: 120.297 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

Tgt Ion: 43 Resp: 143636
Ion Ratio Lower Upper
43 100
58 36.6 27.7 41.5

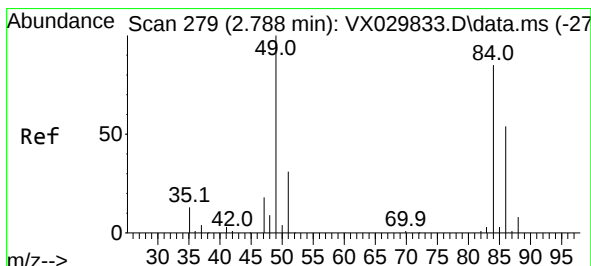
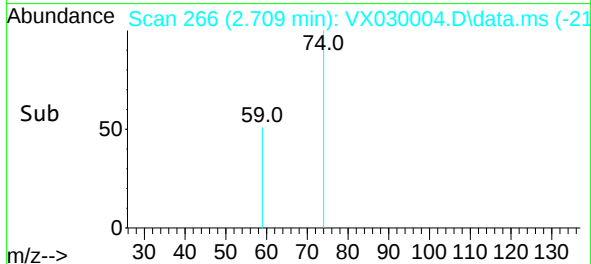
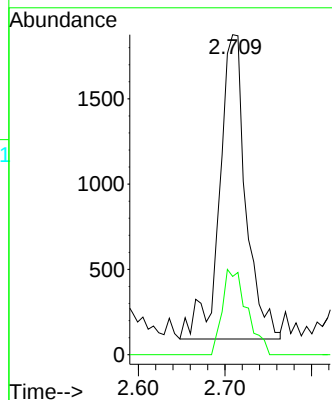
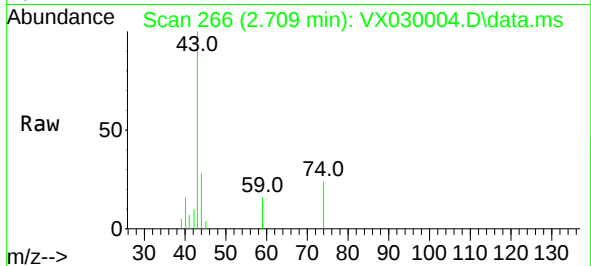




#18
Methyl Acetate
Concen: 1.028 ug/l
RT: 2.709 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

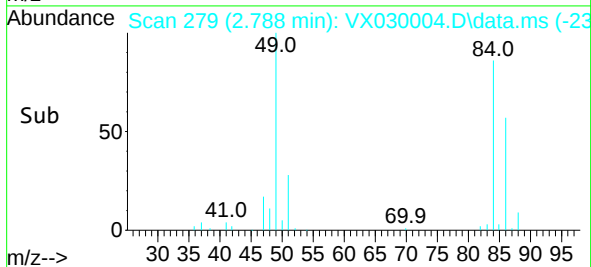
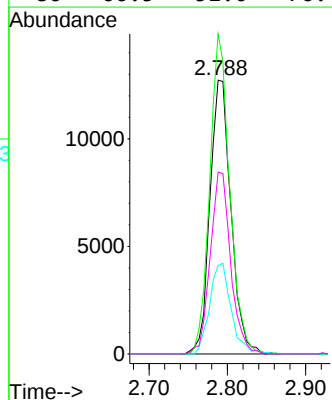
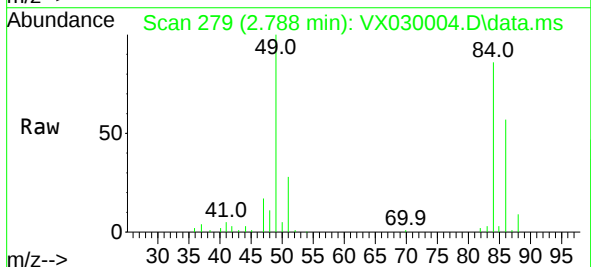
Instrument :
MSVOA_X
ClientSampleId :
31494

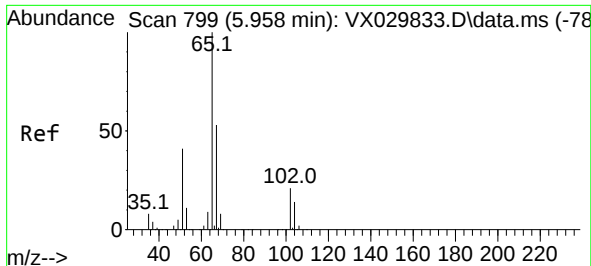
Tgt Ion: 43 Resp: 3785
Ion Ratio Lower Upper
43 100
74 26.1 19.4 29.2



#20
Methylene Chloride
Concen: 9.391 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

Tgt Ion: 84 Resp: 23680
Ion Ratio Lower Upper
84 100
49 116.9 93.8 140.6
51 32.3 29.4 44.0
86 66.5 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 42.372 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

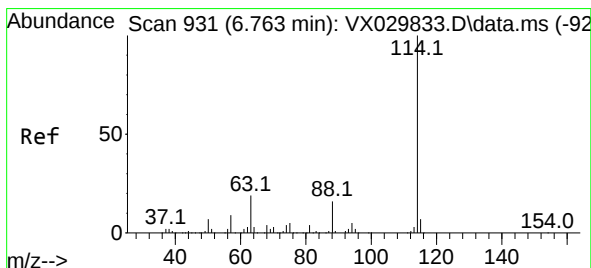
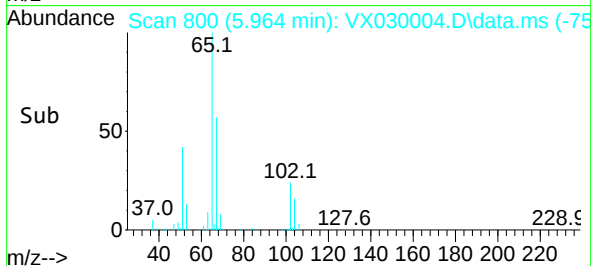
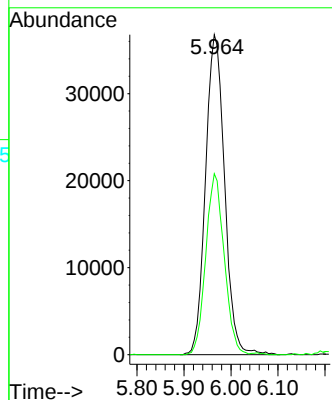
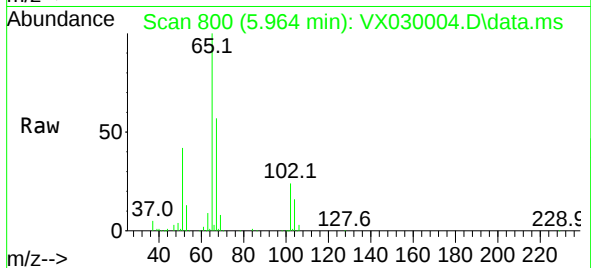
31494

Tgt Ion: 65 Resp: 103414

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

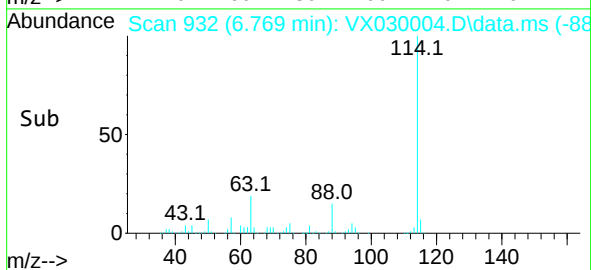
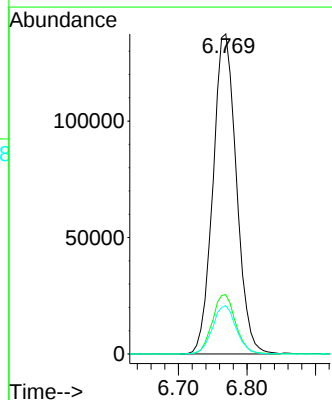
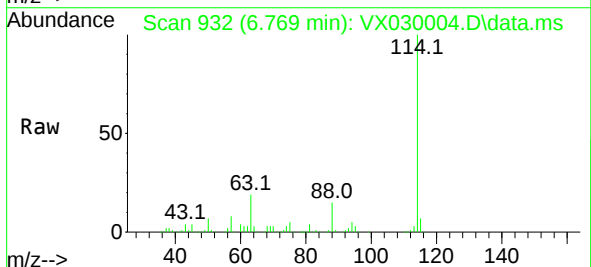
Tgt Ion: 114 Resp: 326325

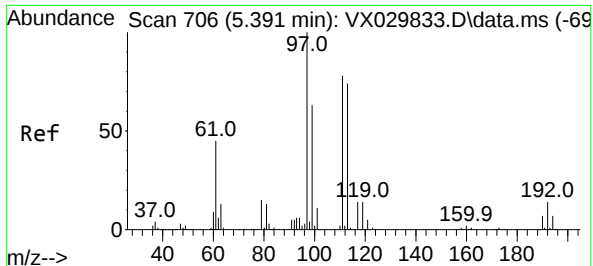
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.671 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

31494

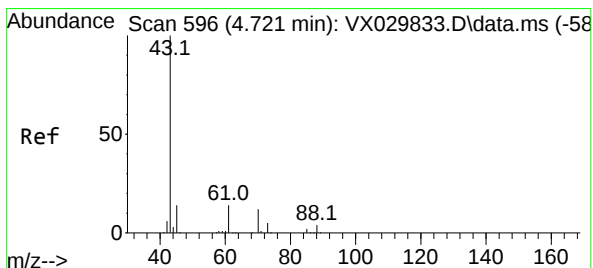
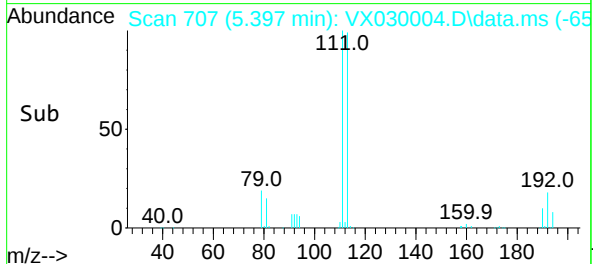
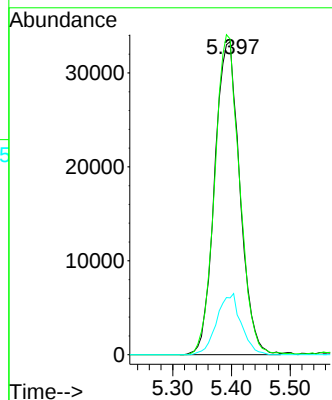
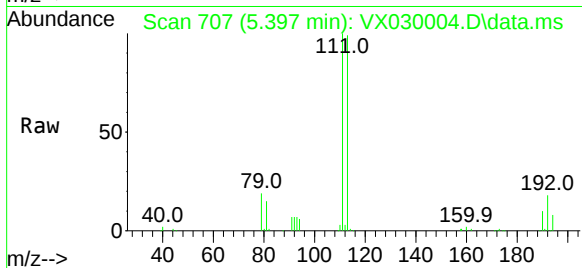
Tgt Ion:113 Resp: 99257

Ion Ratio Lower Upper

113 100

111 100.8 83.2 124.8

192 18.8 14.8 22.2



#37

Ethyl Acetate

Concen: 7.952 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

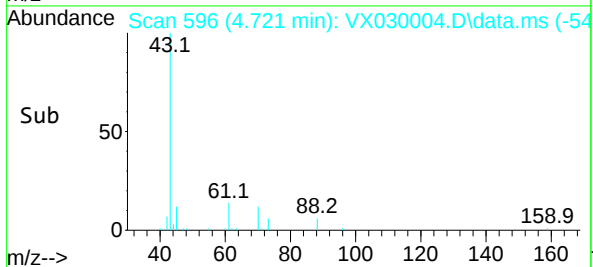
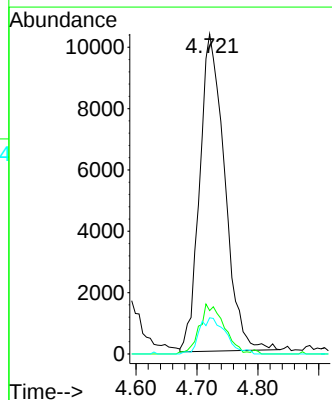
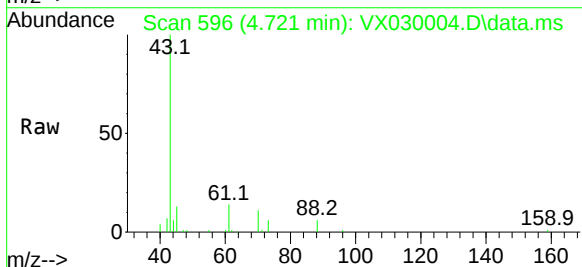
Tgt Ion: 43 Resp: 29498

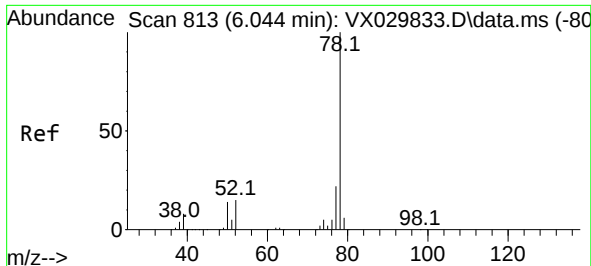
Ion Ratio Lower Upper

43 100

61 15.5 11.7 17.5

70 12.1 9.3 13.9

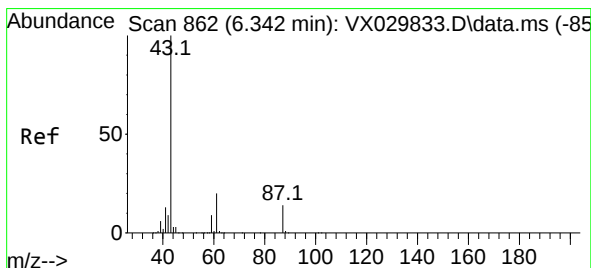
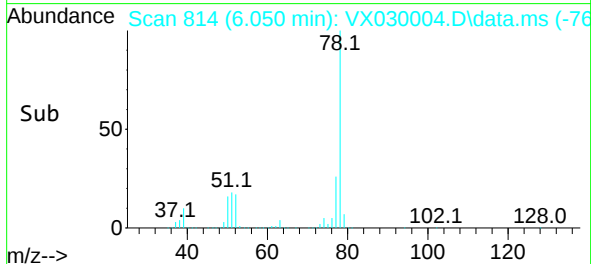
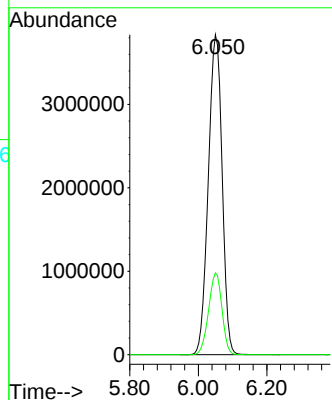
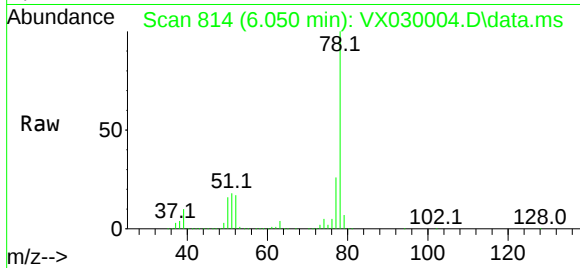




#40
Benzene
Concen: 1227.225 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

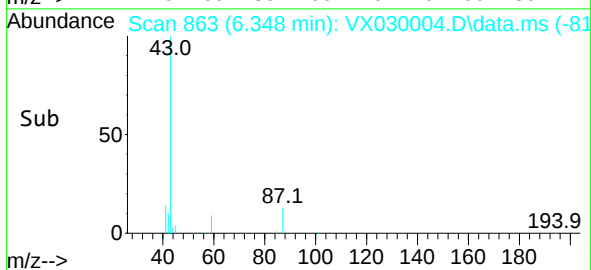
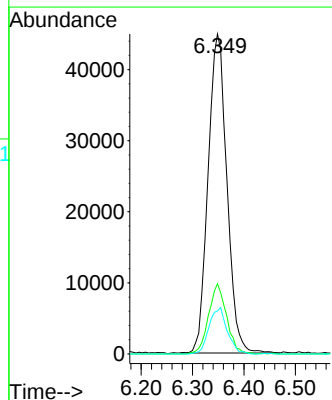
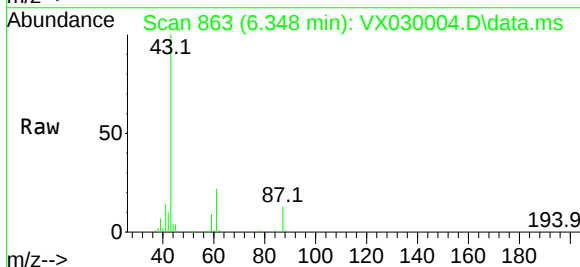
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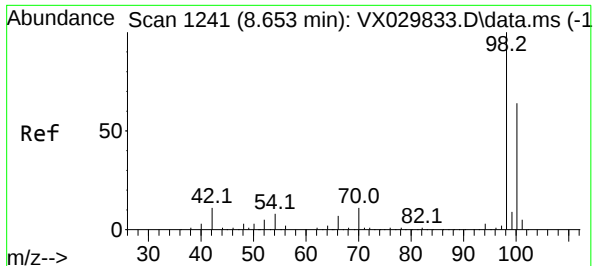
Tgt Ion: 78 Resp:10763477
Ion Ratio Lower Upper
78 100
77 25.6 18.0 27.0



#43
Isopropyl Acetate
Concen: 20.468 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

Tgt Ion: 43 Resp: 114336
Ion Ratio Lower Upper
43 100
61 21.1 16.5 24.7
87 14.1 11.1 16.7

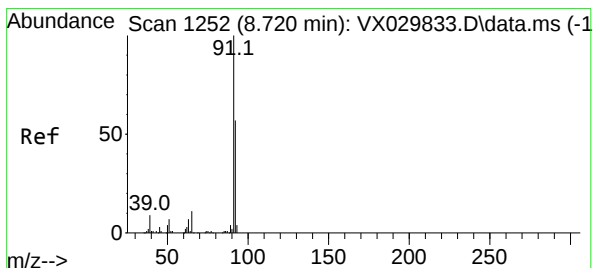
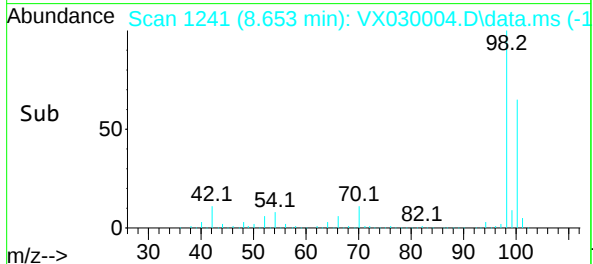
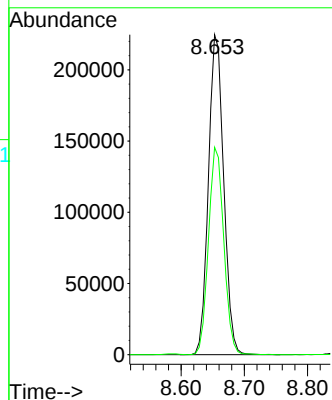
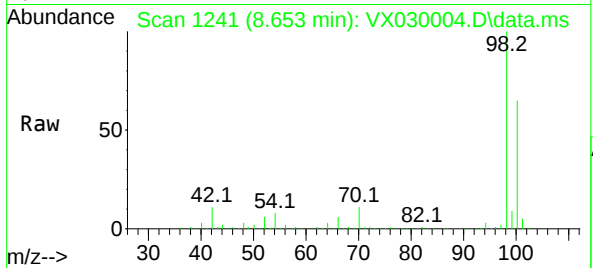




#50
Toluene-d8
Concen: 49.344 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

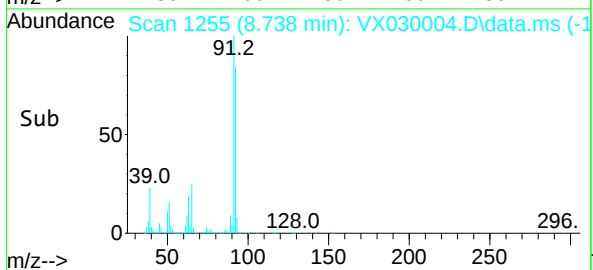
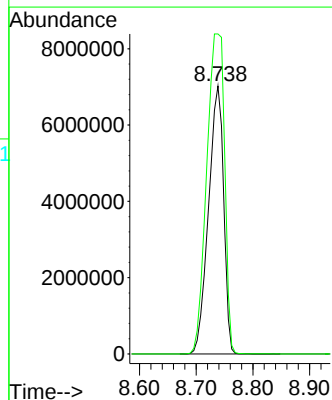
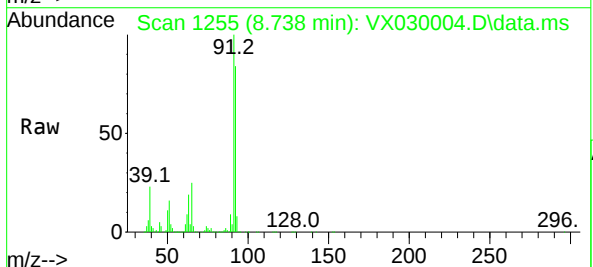
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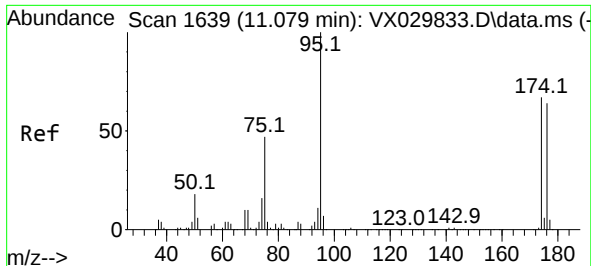
Tgt Ion: 98 Resp: 377510
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#52
Toluene
Concen: 2457.024 ug/l
RT: 8.738 min Scan# 1255
Delta R.T. 0.018 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

Tgt Ion: 92 Resp:13003574
Ion Ratio Lower Upper
92 100
91 142.1 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 53.218 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

31494

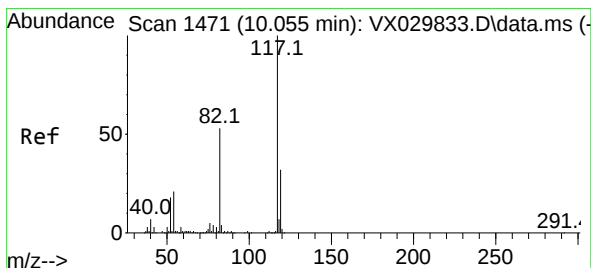
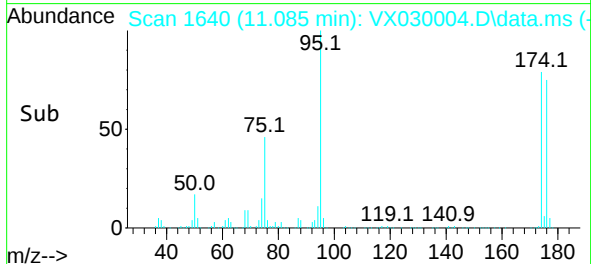
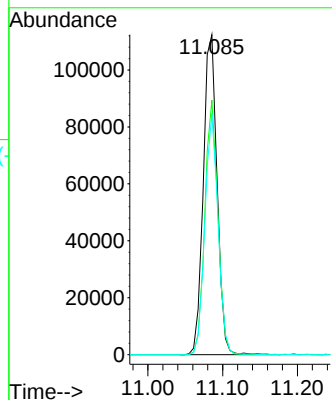
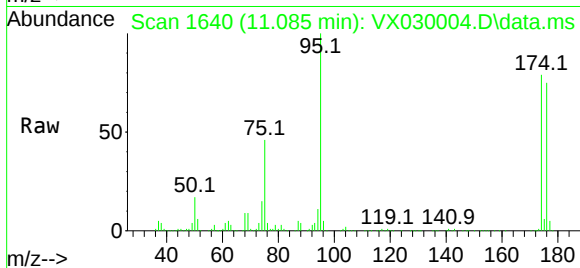
Tgt Ion: 95 Resp: 143922

Ion Ratio Lower Upper

95 100

174 75.5 0.0 149.0

176 72.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

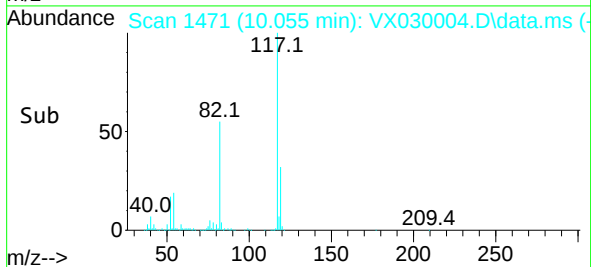
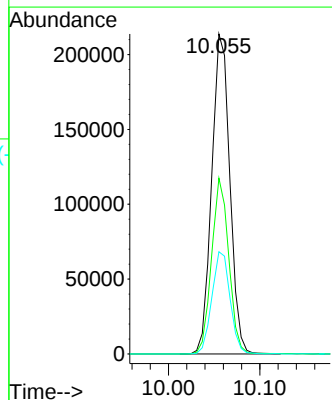
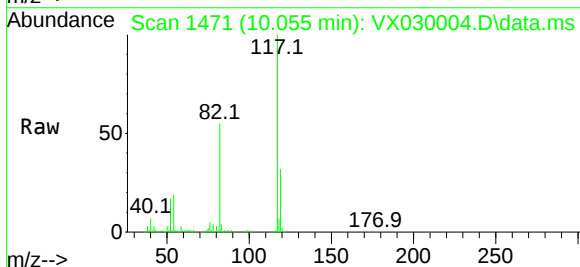
Tgt Ion: 117 Resp: 293583

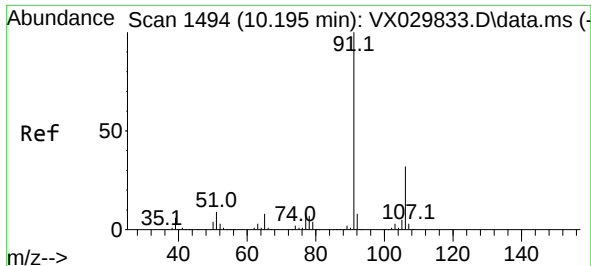
Ion Ratio Lower Upper

117 100

82 55.0 42.7 64.1

119 31.9 25.4 38.2





#67

Ethyl Benzene

Concen: 185.719 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

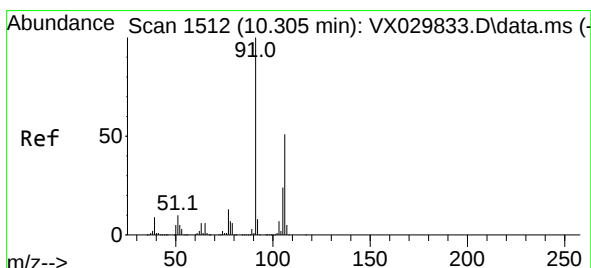
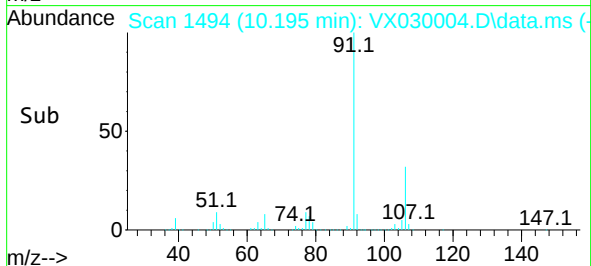
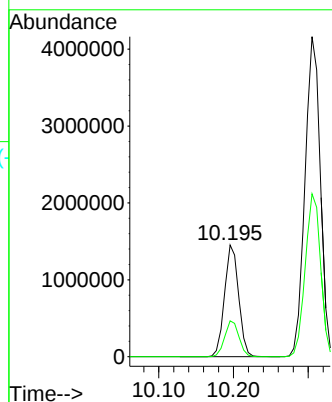
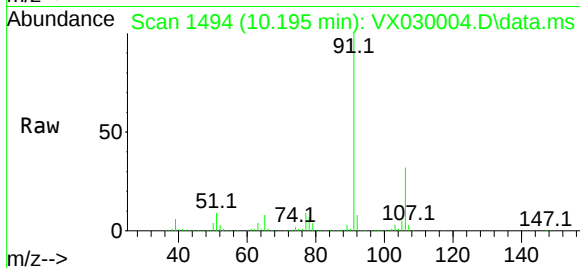
31494

Tgt Ion: 91 Resp: 1903706

Ion Ratio Lower Upper

91 100

106 32.2 25.5 38.3



#68

m/p-Xylenes

Concen: 766.669 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030004.D

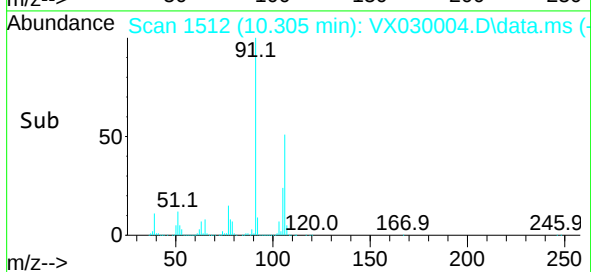
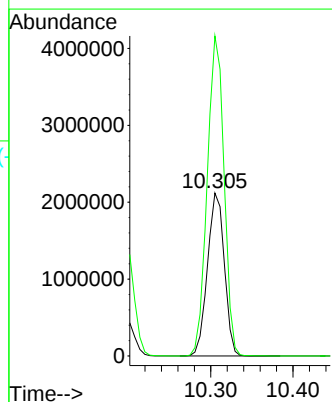
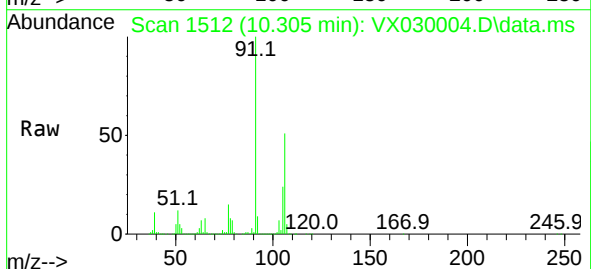
Acq: 11 Jul 2022 17:54

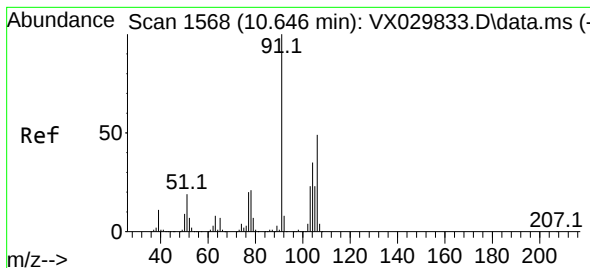
Tgt Ion:106 Resp: 3014063

Ion Ratio Lower Upper

106 100

91 196.2 158.2 237.4

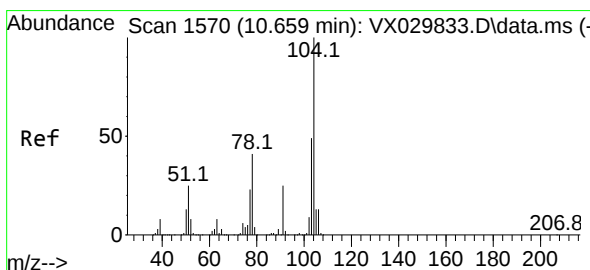
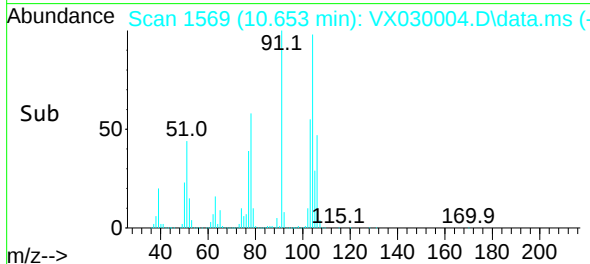
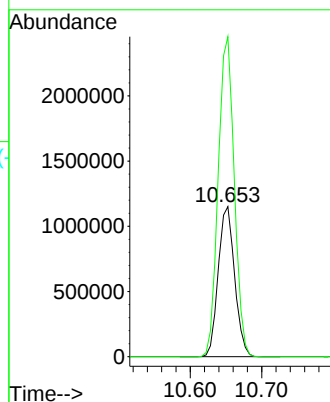
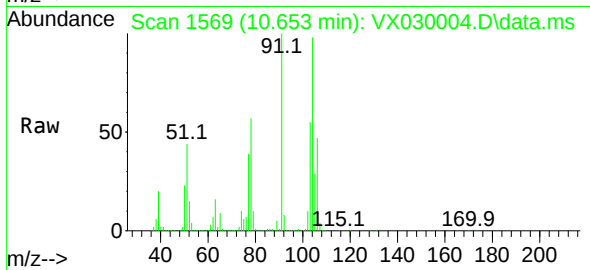




#69
o-Xylene
Concen: 458.929 ug/l
RT: 10.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

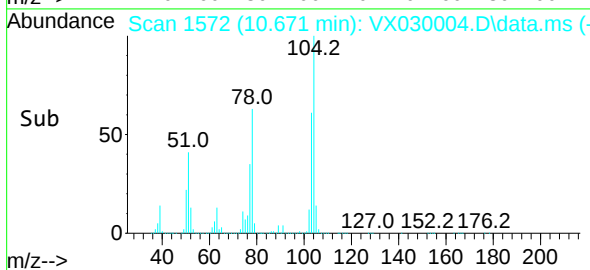
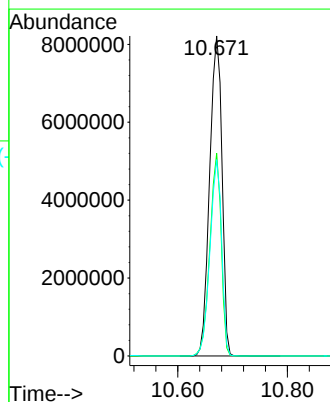
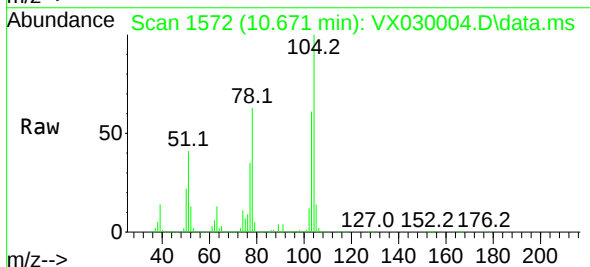
Instrument :
MSVOA_X
ClientSampleId :
31494

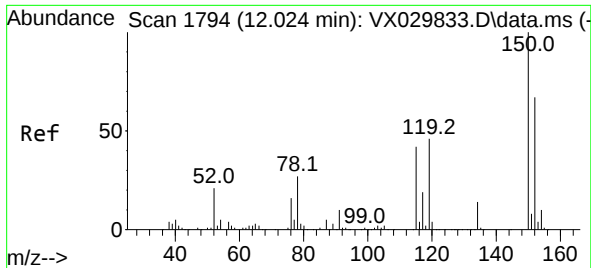
Tgt Ion:106 Resp: 1827483
Ion Ratio Lower Upper
106 100
91 209.5 103.8 311.6



#70
Styrene
Concen: 1938.646 ug/l
RT: 10.671 min Scan# 1572
Delta R.T. 0.012 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

Tgt Ion:104 Resp:12760746
Ion Ratio Lower Upper
104 100
78 58.2 37.8 56.8#
103 58.1 44.5 66.7

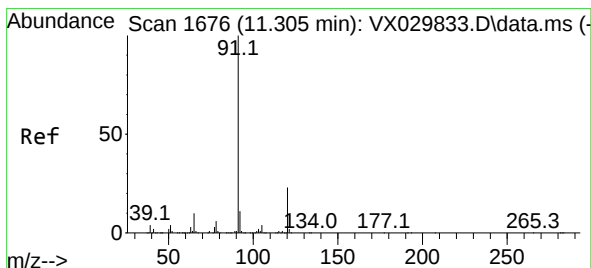
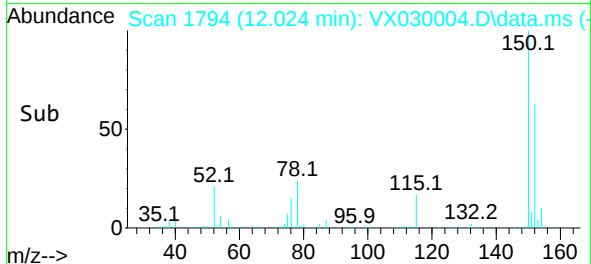
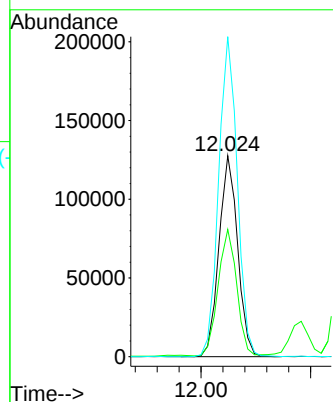
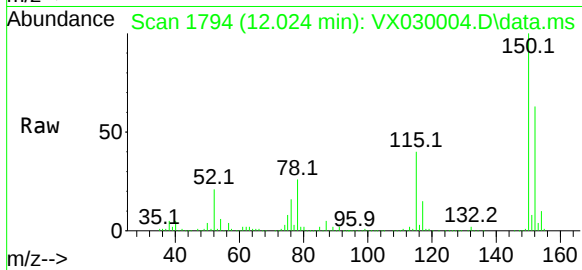




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

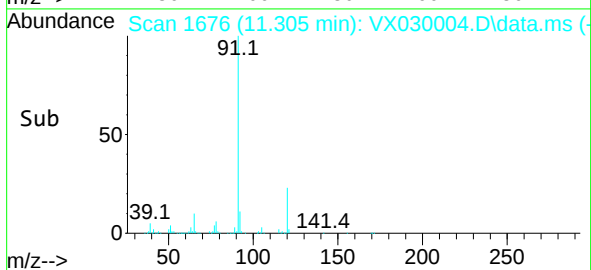
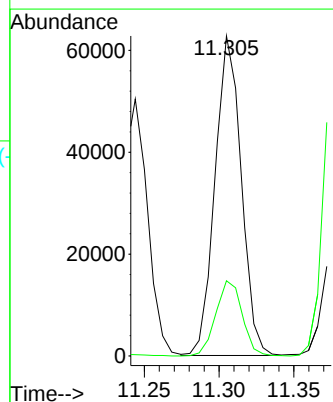
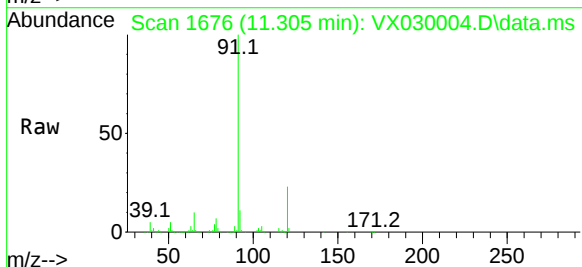
Instrument :
MSVOA_X
ClientSampleId :
31494

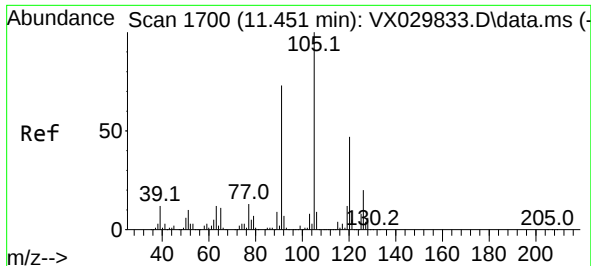
Tgt Ion:152 Resp: 151254
Ion Ratio Lower Upper
152 100
115 62.4 40.5 121.5
150 158.8 0.0 347.0



#78
n-propylbenzene
Concen: 5.927 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX030004.D
Acq: 11 Jul 2022 17:54

Tgt Ion: 91 Resp: 76504
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8

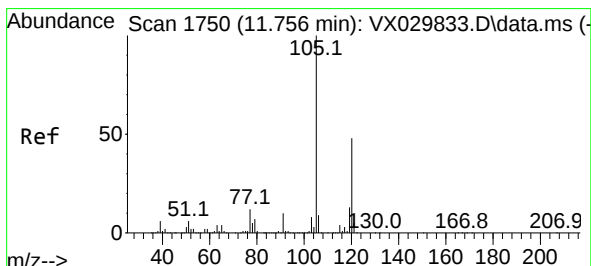
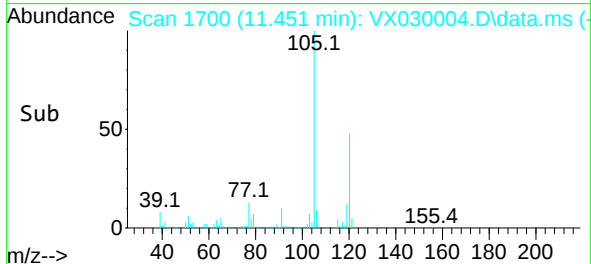
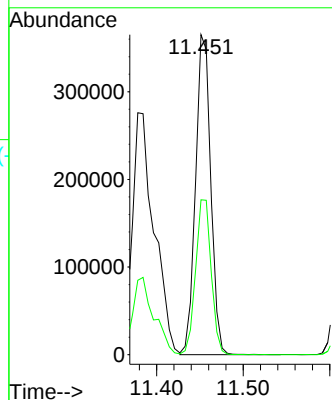
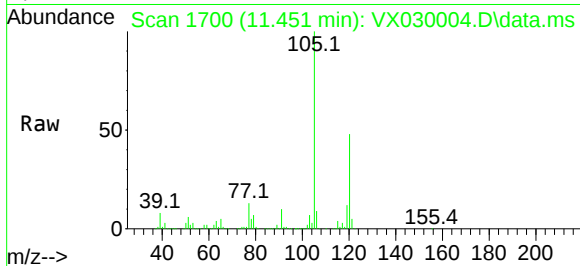




#80
 1,3,5-Trimethylbenzene
 Concen: 48.955 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX030004.D
 Acq: 11 Jul 2022 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 31494

Tgt Ion:105 Resp: 444793
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 155.020 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX030004.D
 Acq: 11 Jul 2022 17:54

Tgt Ion:105 Resp: 1410940
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.8

