

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029753.D
 Acq On : 23 Jun 2022 18:47
 Operator : JC/MD
 Sample : N3354-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP061422

Quant Time: Jun 24 05:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

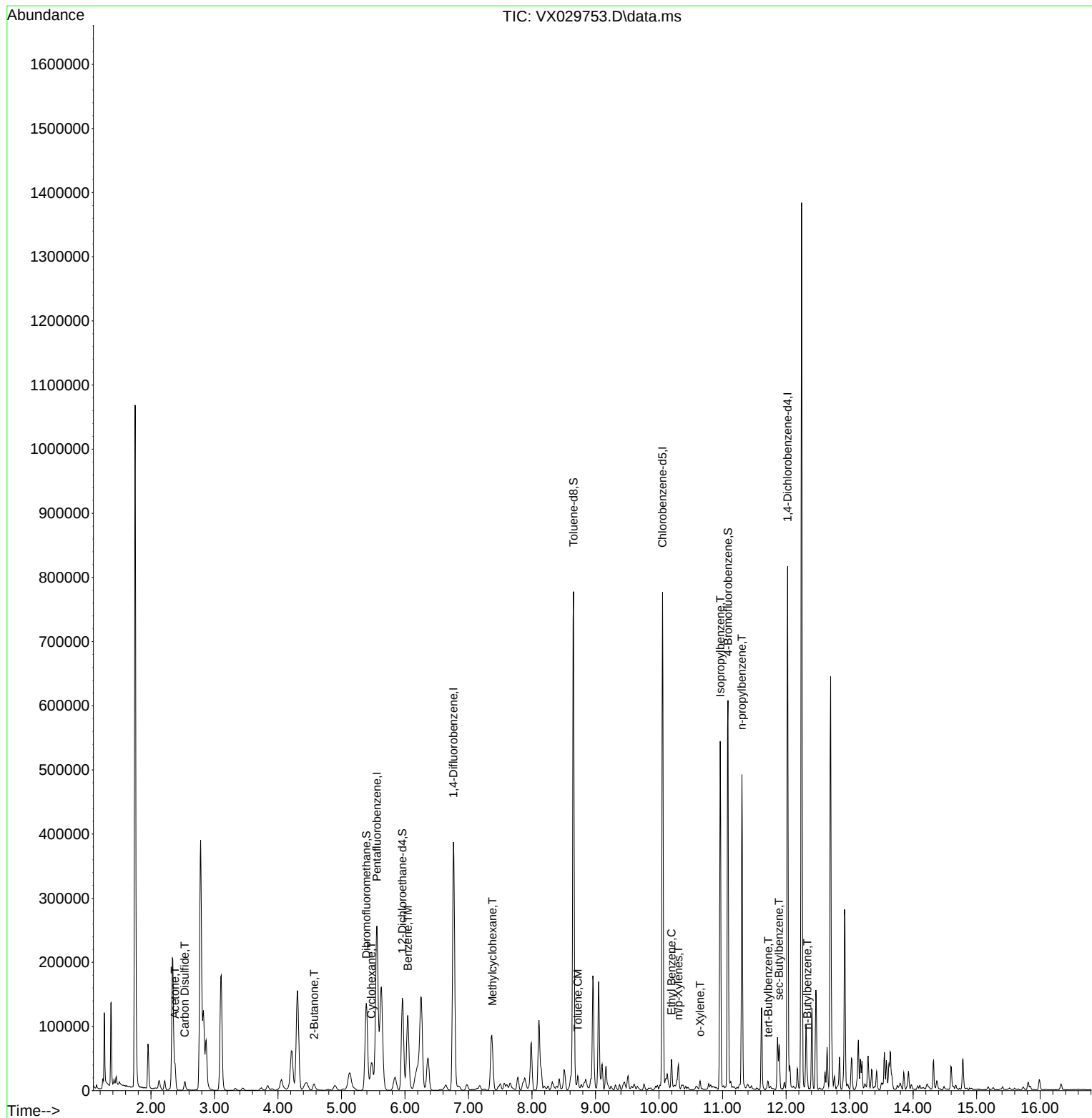
Internal Standards						
1) Pentafluorobenzene	5.556	168	250990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	408993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135294	40.721	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.440%		
35) Dibromofluoromethane	5.391	113	122471	45.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.900%		
50) Toluene-d8	8.653	98	469216	48.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.380%		
62) 4-Bromofluorobenzene	11.085	95	176422	48.046	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.100%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	30773	23.237	ug/l	97
17) Carbon Disulfide	2.532	76	1976	0.300	ug/l	100
25) 2-Butanone	4.568	43	17149	8.193	ug/l	90
31) Cyclohexane	5.470	56	31918	7.156	ug/l	95
39) Methylcyclohexane	7.379	83	19502	4.336	ug/l #	56
40) Benzene	6.044	78	147459	13.790	ug/l	100
52) Toluene	8.720	92	8083	1.180	ug/l	96
67) Ethyl Benzene	10.195	91	26955	2.105	ug/l	98
68) m/p-Xylenes	10.305	106	8928	1.788	ug/l	91
69) o-Xylene	10.646	106	2300	0.466	ug/l	90
73) Isopropylbenzene	10.963	105	279370	22.201	ug/l	98
78) n-propylbenzene	11.305	91	294207	20.759	ug/l	98
83) tert-Butylbenzene	11.719	119	5289	0.512	ug/l	82
85) sec-Butylbenzene	11.890	105	36095	2.819	ug/l #	56
89) n-Butylbenzene	12.335	91	17960	1.985	ug/l #	44

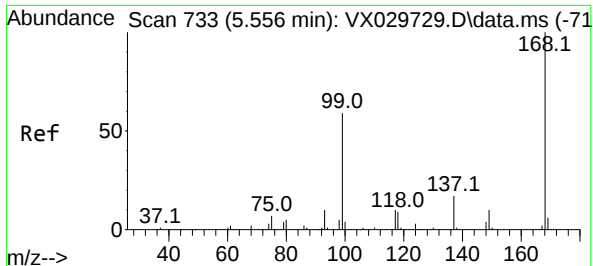
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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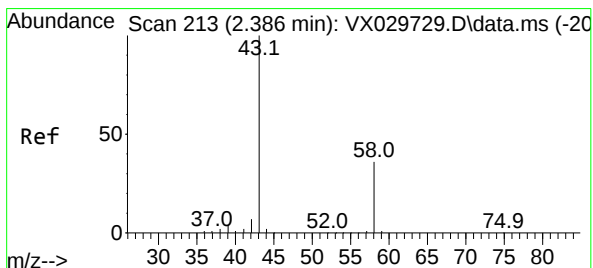
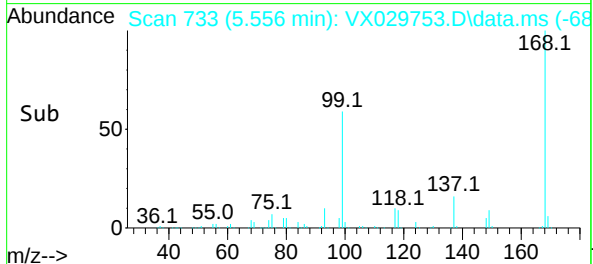
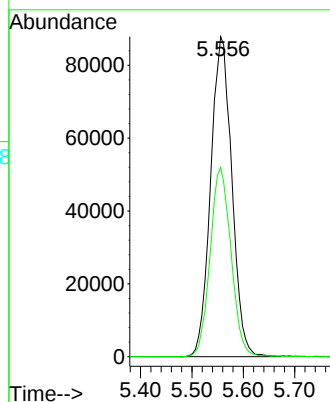
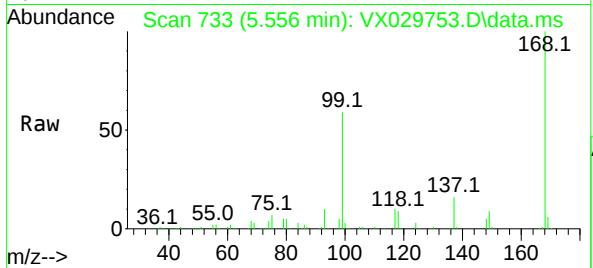




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

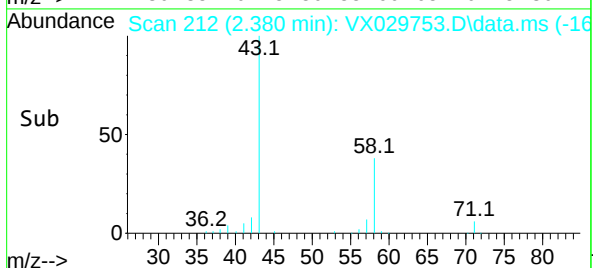
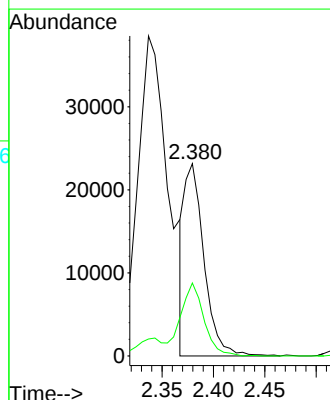
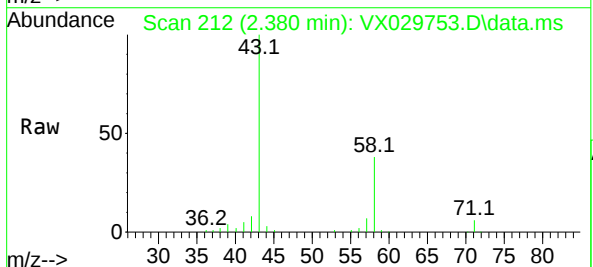
Instrument :
MSVOA_X
ClientSampleId :
DUP061422

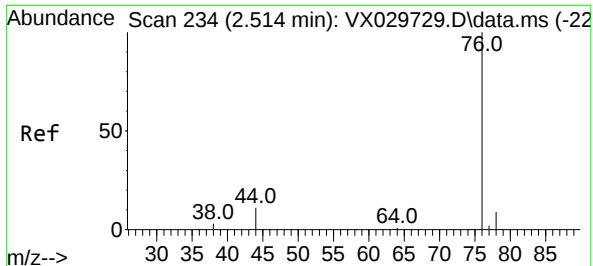
Tgt Ion:168 Resp: 250990
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5



#16
Acetone
Concen: 23.237 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

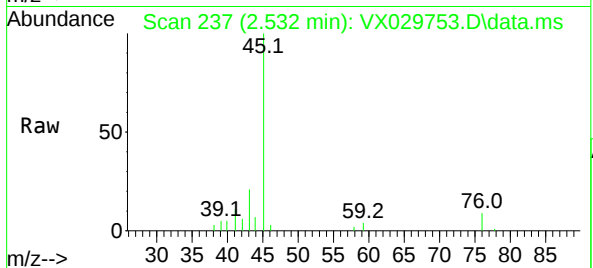
Tgt Ion: 43 Resp: 30773
Ion Ratio Lower Upper
43 100
58 38.0 28.8 43.2



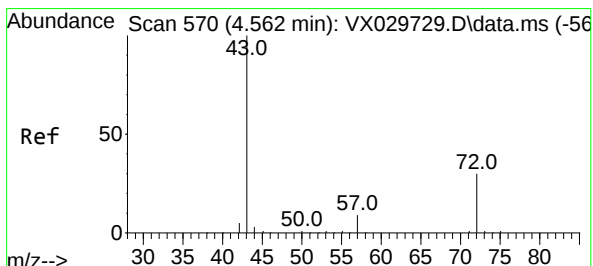
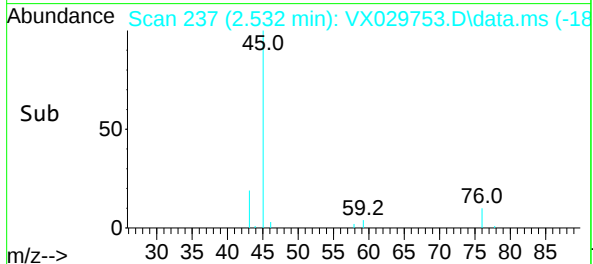
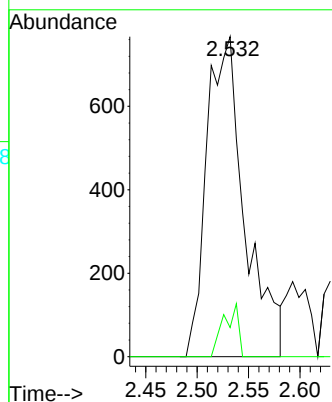


#17
Carbon Disulfide
Concen: 0.300 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

Instrument :
MSVOA_X
ClientSampleId :
DUP061422

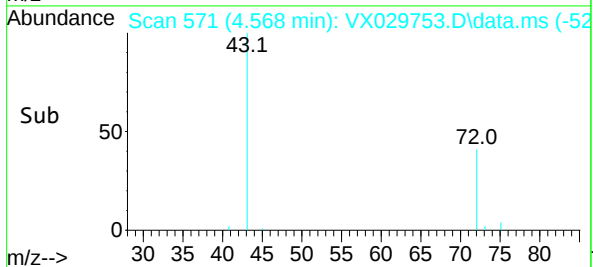
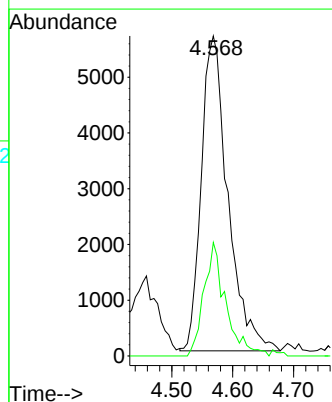
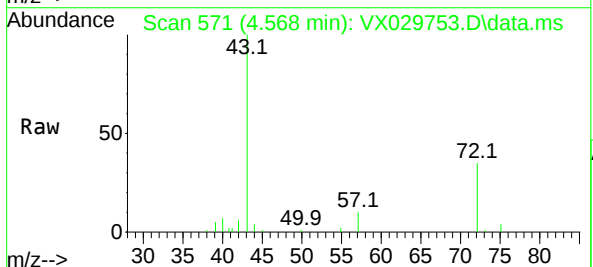


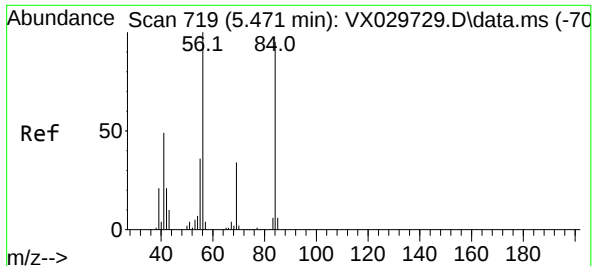
Tgt Ion: 76 Resp: 1976
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#25
2-Butanone
Concen: 8.193 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

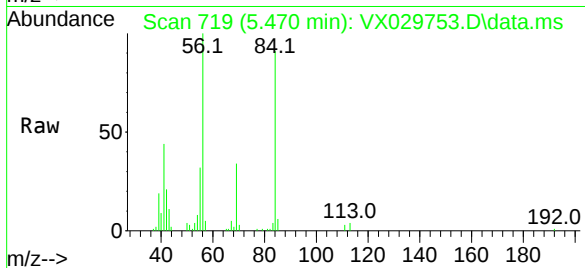
Tgt Ion: 43 Resp: 17149
Ion Ratio Lower Upper
43 100
72 36.0 24.4 36.6



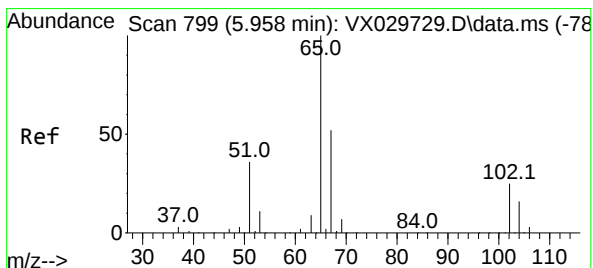
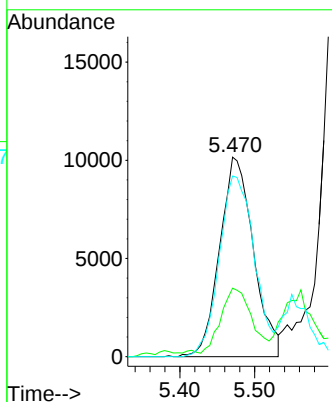
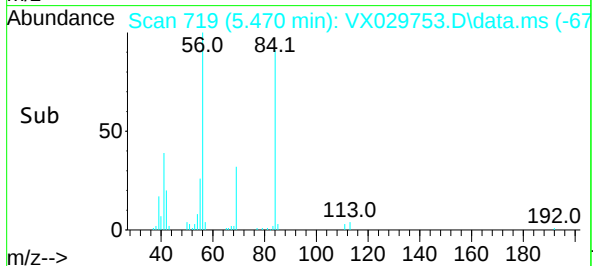


#31
Cyclohexane
Concen: 7.156 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

Instrument :
MSVOA_X
ClientSampleId :
DUP061422

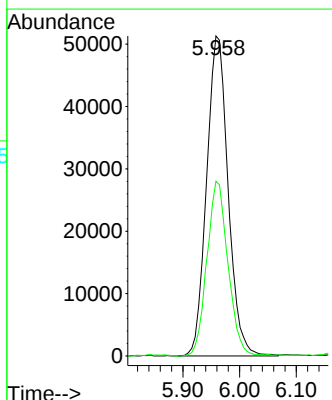
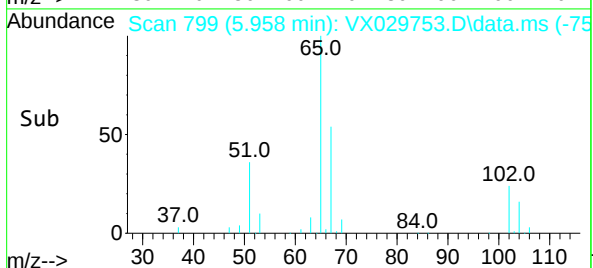
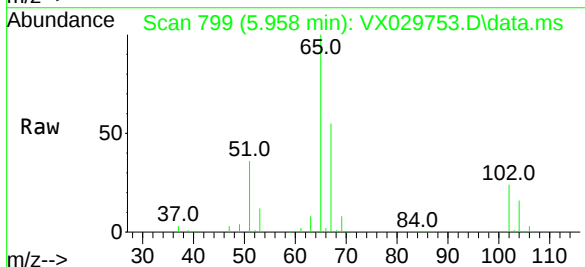


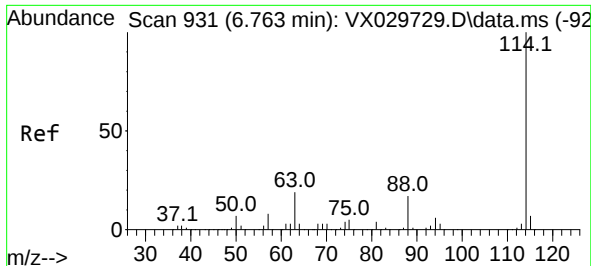
Tgt Ion: 56 Resp: 31918
Ion Ratio Lower Upper
56 100
69 32.5 26.7 40.1
84 90.6 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 40.721 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

Tgt Ion: 65 Resp: 135294
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4

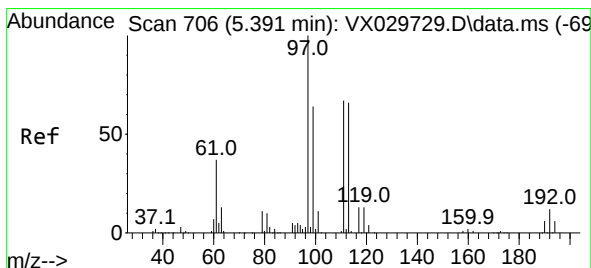
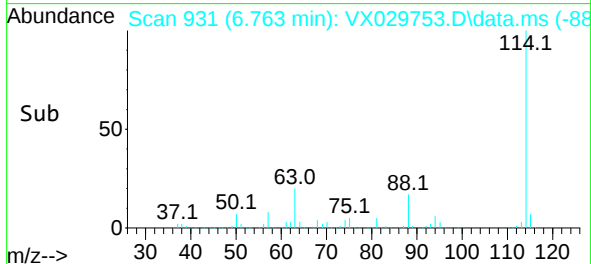
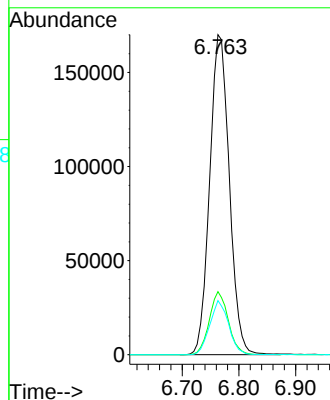
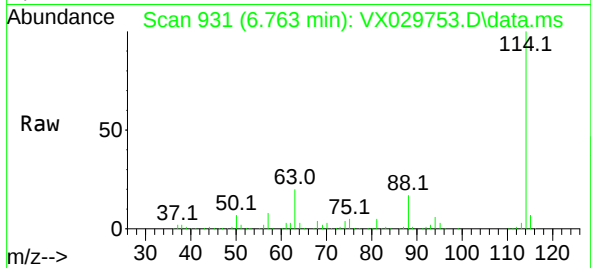




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

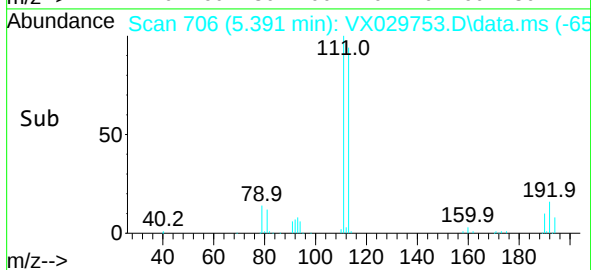
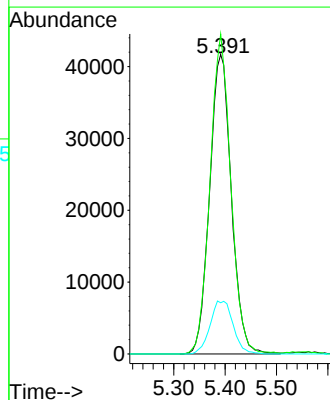
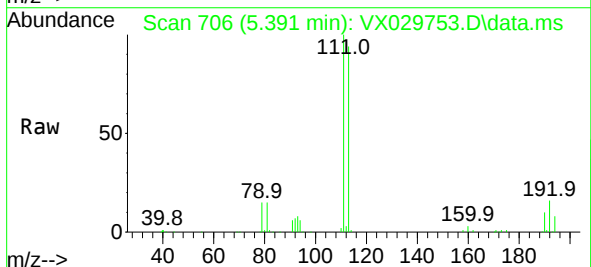
Instrument :
MSVOA_X
ClientSampleId :
DUP061422

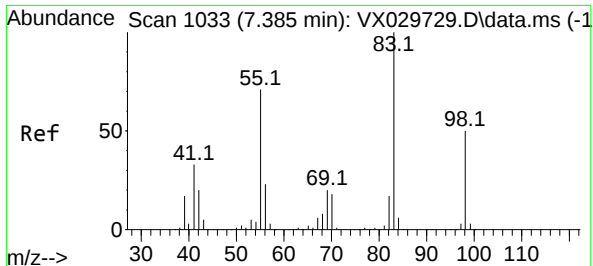
Tgt Ion:114 Resp: 408993
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.8
88 16.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.949 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

Tgt Ion:113 Resp: 122471
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.7 16.9 25.3





#39

Methylcyclohexane

Concen: 4.336 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029753.D

Acq: 23 Jun 2022 18:47

Instrument :

MSVOA_X

ClientSampleId :

DUP061422

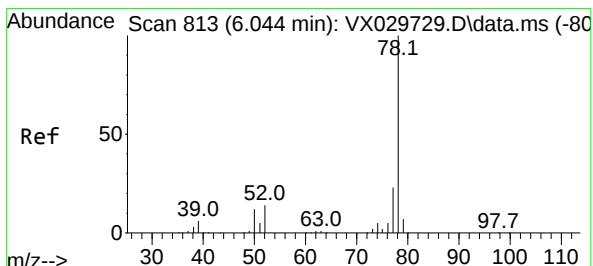
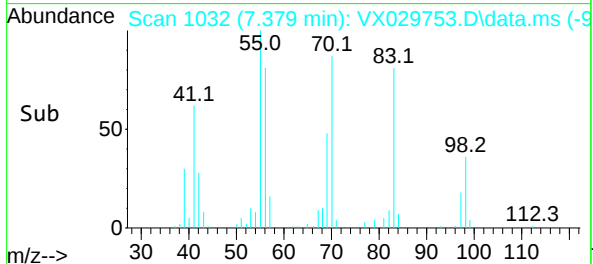
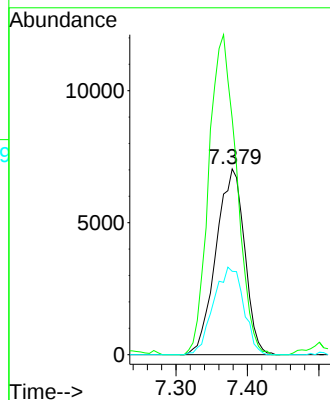
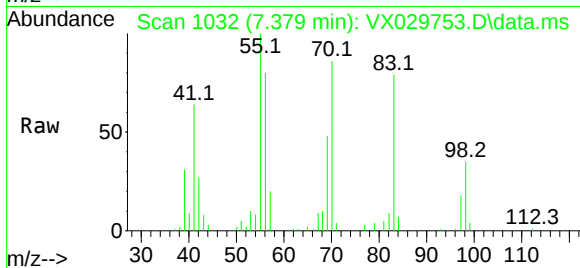
Tgt Ion: 83 Resp: 19502

Ion Ratio Lower Upper

83 100

55 127.1 54.6 81.8#

98 44.9 37.4 56.2



#40

Benzene

Concen: 13.790 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029753.D

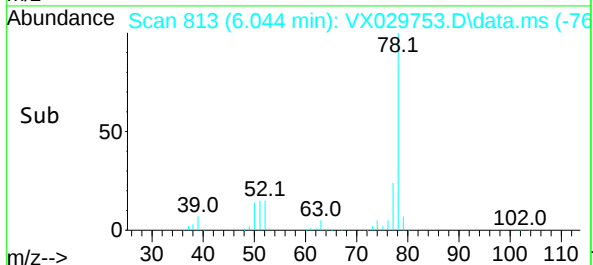
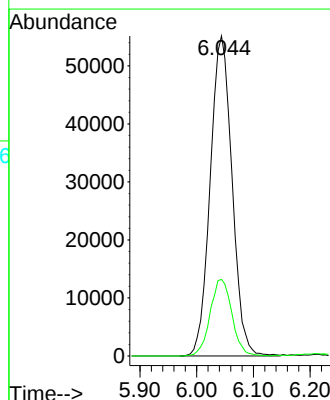
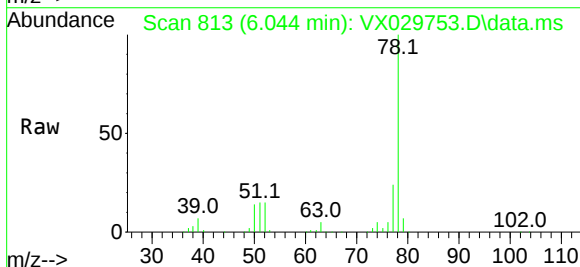
Acq: 23 Jun 2022 18:47

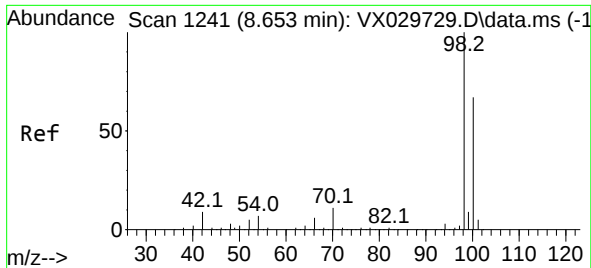
Tgt Ion: 78 Resp: 147459

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

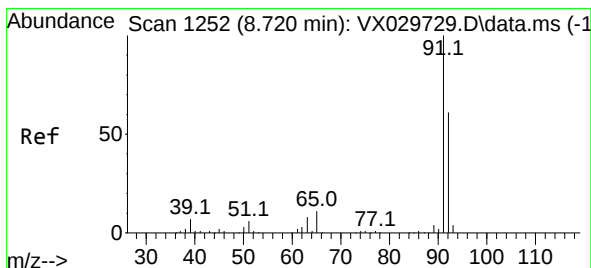
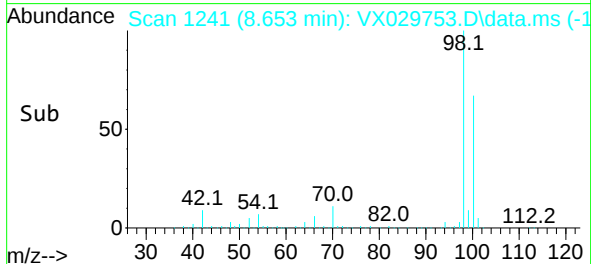
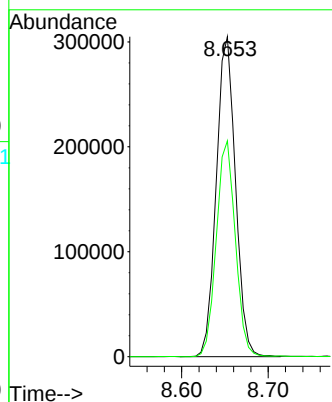
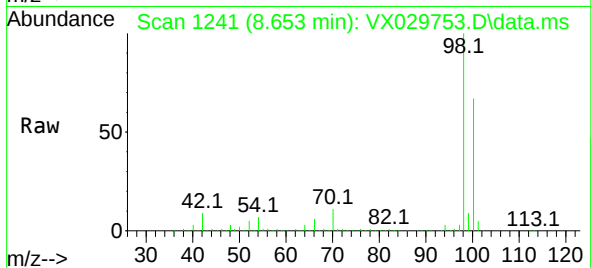




#50
Toluene-d8
Concen: 48.189 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

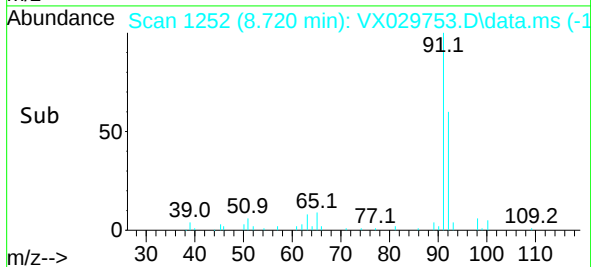
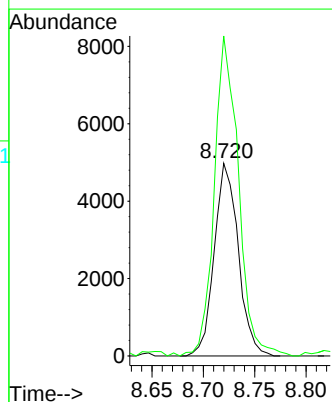
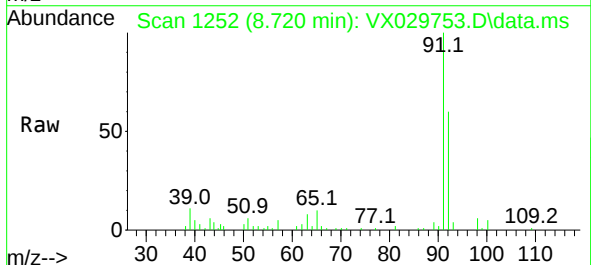
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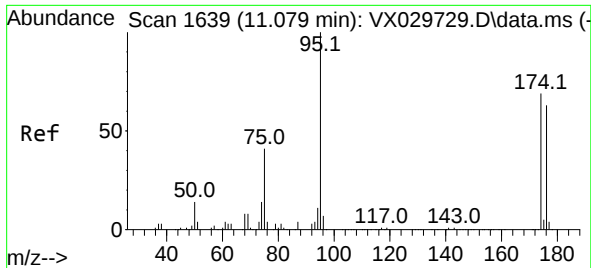
Tgt Ion: 98 Resp: 469216
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#52
Toluene
Concen: 1.180 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

Tgt Ion: 92 Resp: 8083
Ion Ratio Lower Upper
92 100
91 166.5 137.5 206.3

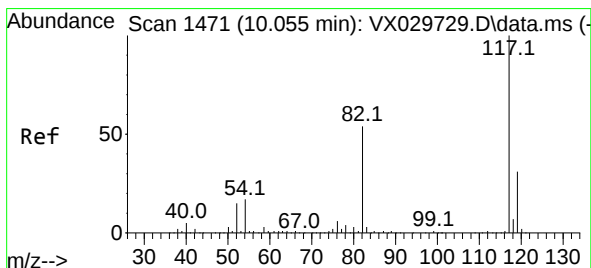
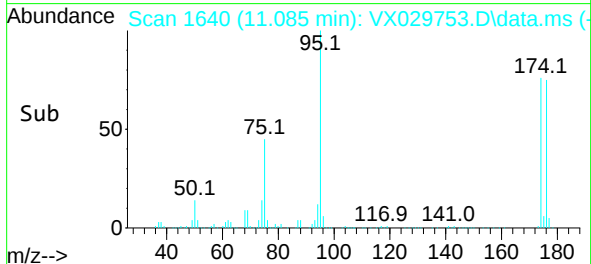
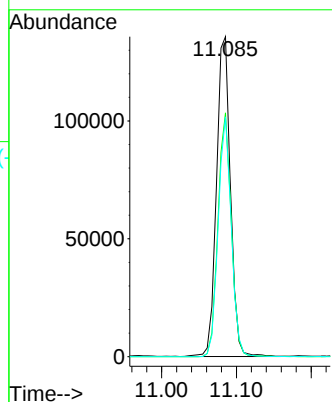
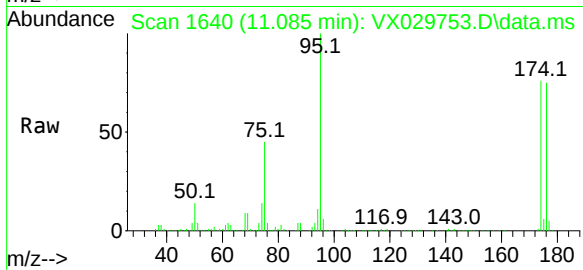




#62
4-Bromofluorobenzene
Concen: 48.046 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

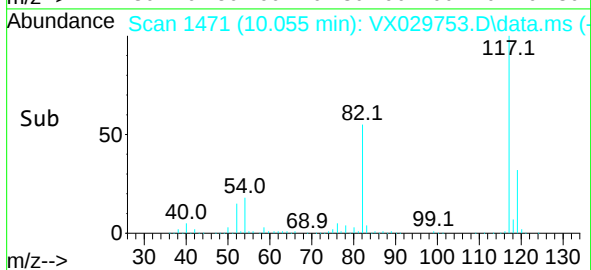
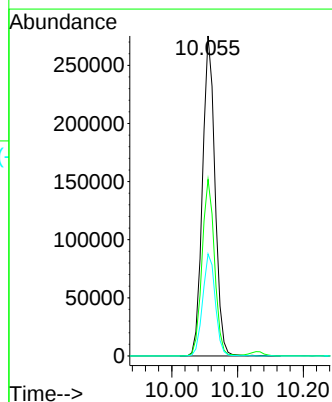
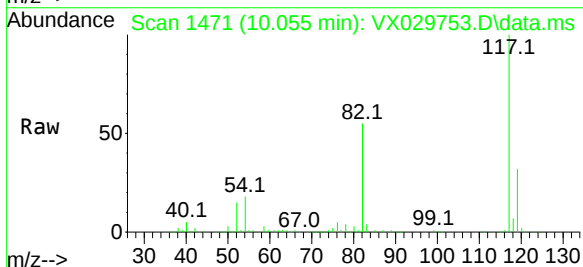
Instrument :
MSVOA_X
ClientSampleId :
DUP061422

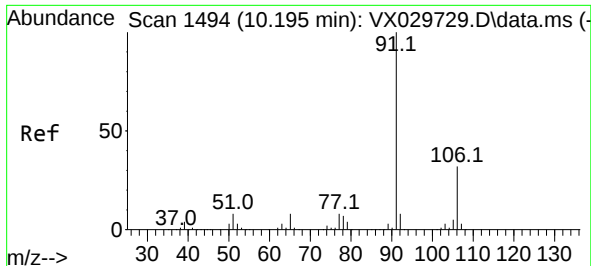
Tgt Ion: 95 Resp: 176422
Ion Ratio Lower Upper
95 100
174 72.6 0.0 163.0
176 70.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

Tgt Ion: 117 Resp: 362701
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 31.9 24.8 37.2





#67

Ethyl Benzene

Concen: 2.105 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029753.D

Acq: 23 Jun 2022 18:47

Instrument :

MSVOA_X

ClientSampleId :

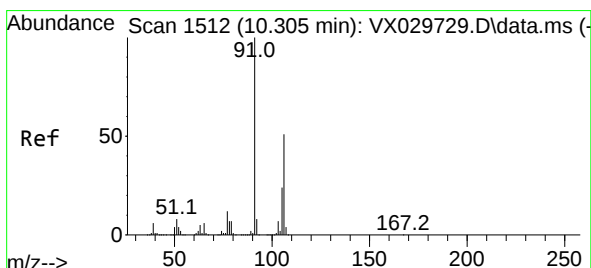
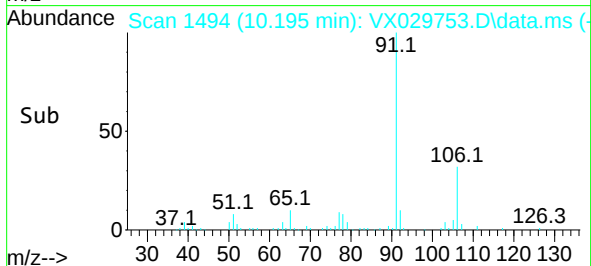
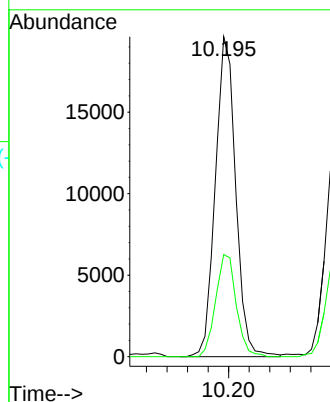
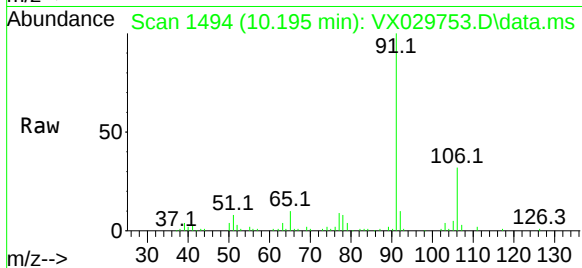
DUP061422

Tgt Ion: 91 Resp: 26955

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 1.788 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029753.D

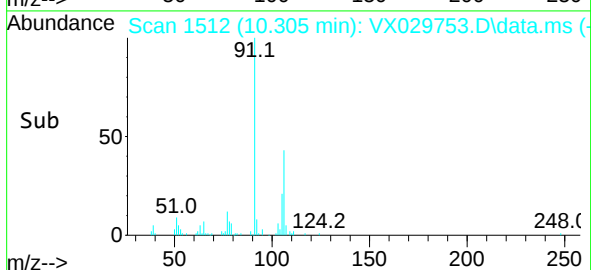
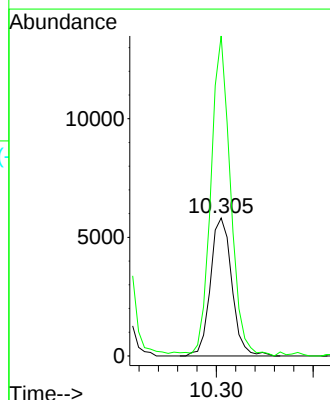
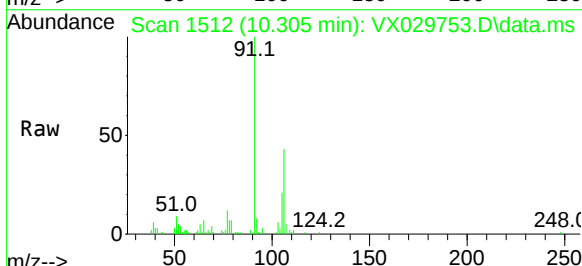
Acq: 23 Jun 2022 18:47

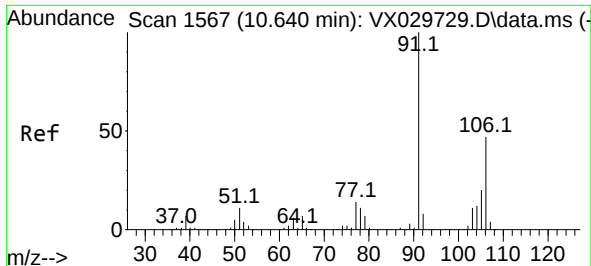
Tgt Ion: 106 Resp: 8928

Ion Ratio Lower Upper

106 100

91 213.5 160.4 240.6

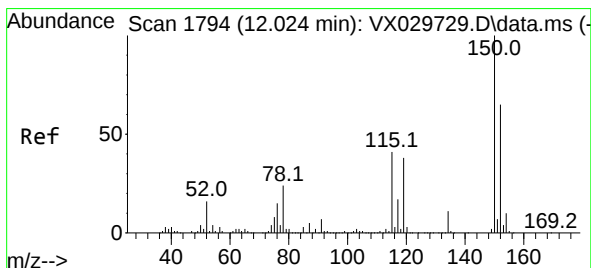
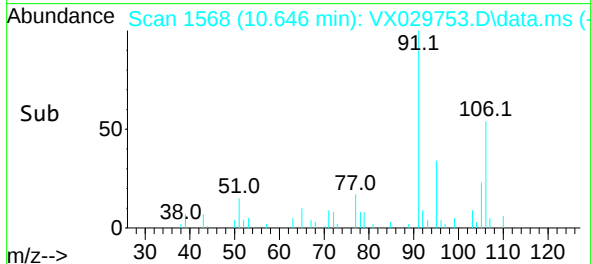
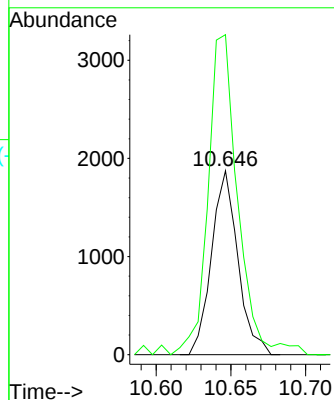
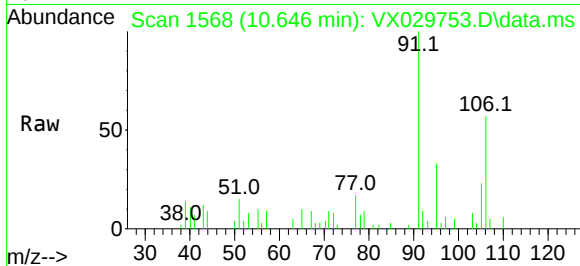




#69
o-Xylene
Concen: 0.466 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

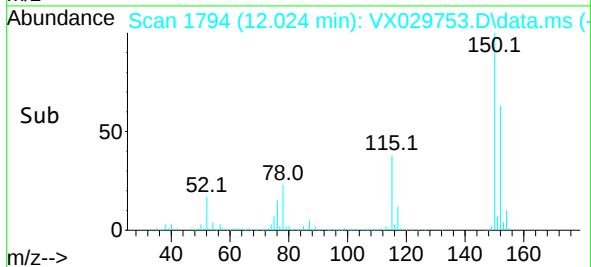
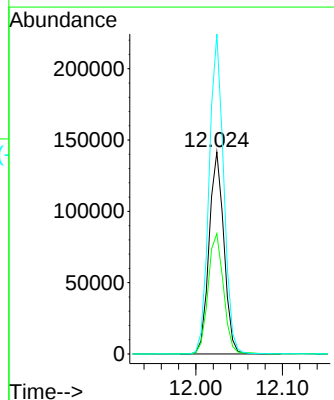
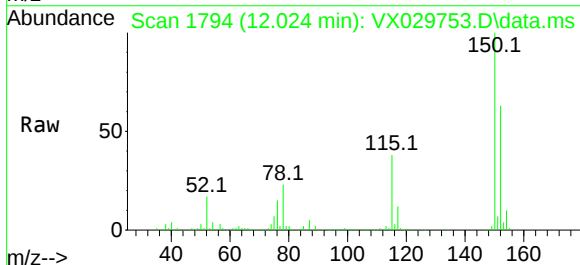
Instrument :
MSVOA_X
ClientSampleId :
DUP061422

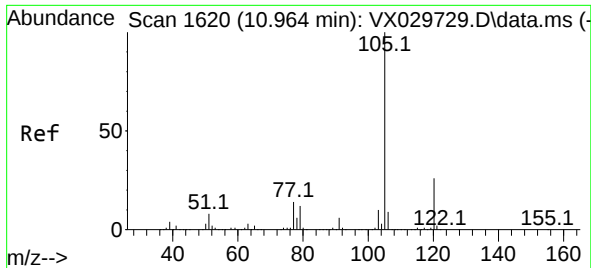
Tgt Ion:106 Resp: 2300
Ion Ratio Lower Upper
106 100
91 195.9 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

Tgt Ion:152 Resp: 167831
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 155.9 0.0 338.2

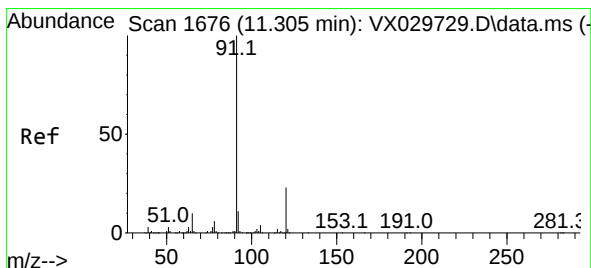
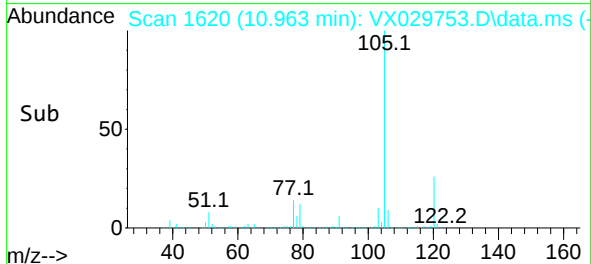
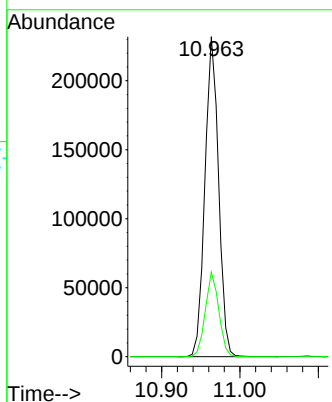
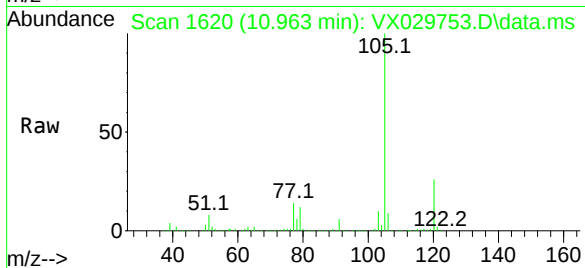




#73
Isopropylbenzene
Concen: 22.201 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

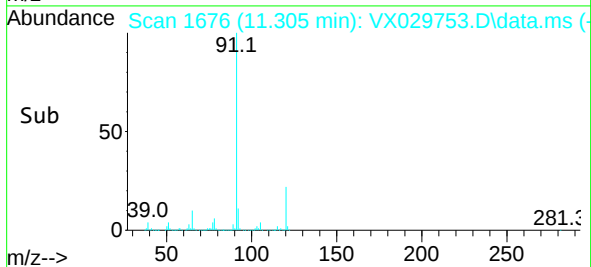
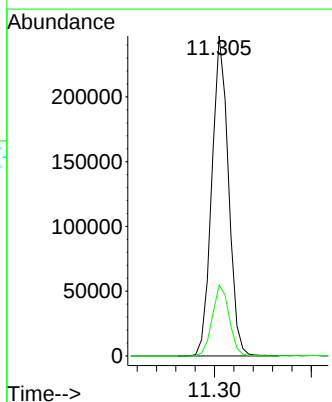
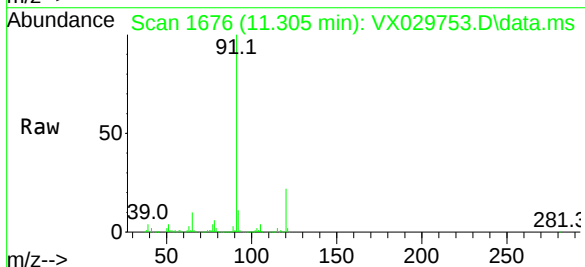
Instrument :
MSVOA_X
ClientSampleId :
DUP061422

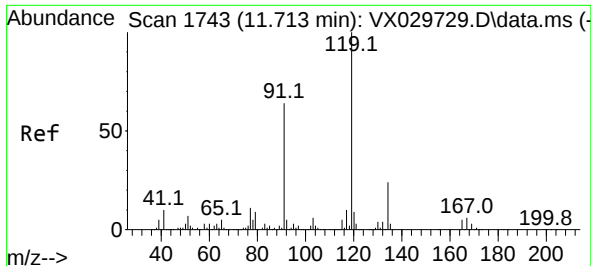
Tgt Ion:105 Resp: 279370
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5



#78
n-propylbenzene
Concen: 20.759 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

Tgt Ion: 91 Resp: 294207
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8

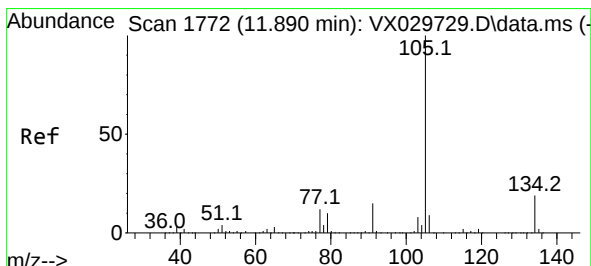
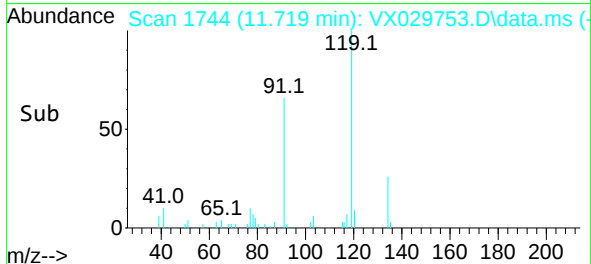
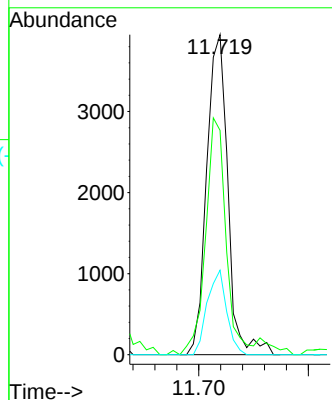
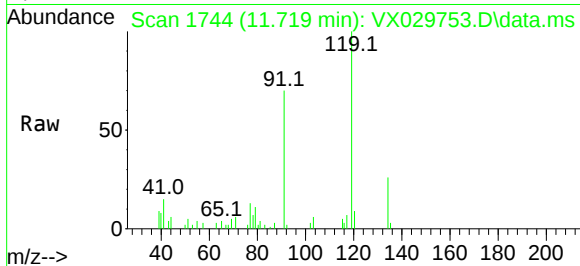




#83
tert-Butylbenzene
Concen: 0.512 ug/l
RT: 11.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

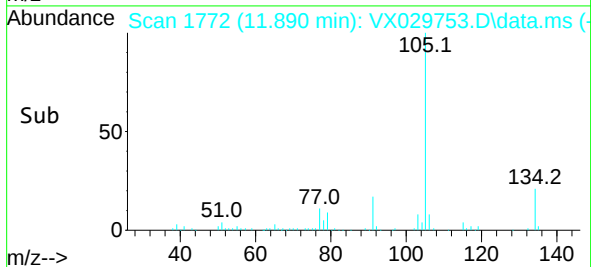
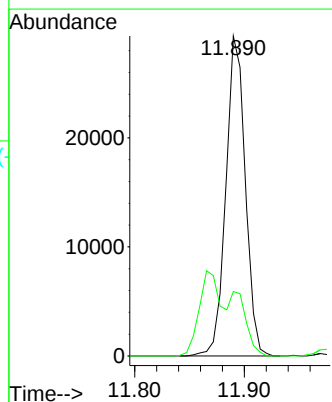
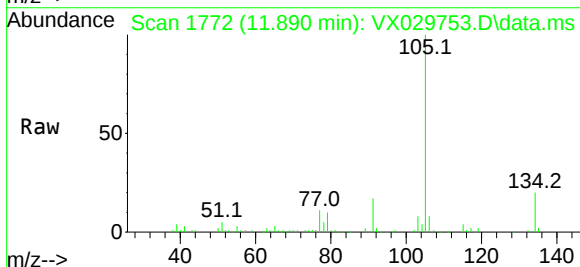
Instrument :
MSVOA_X
ClientSampleId :
DUP061422

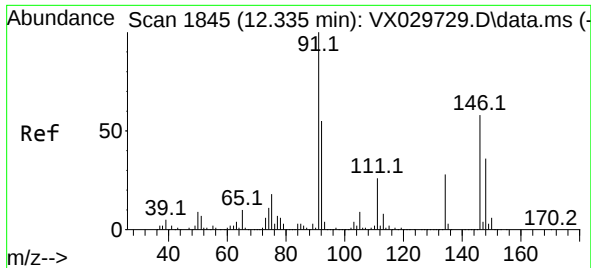
Tgt Ion:119 Resp: 5289
Ion Ratio Lower Upper
119 100
91 71.3 26.9 80.6
134 24.2 11.4 34.2



#85
sec-Butylbenzene
Concen: 2.819 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029753.D
Acq: 23 Jun 2022 18:47

Tgt Ion:105 Resp: 36095
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#89

n-Butylbenzene

Concen: 1.985 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029753.D

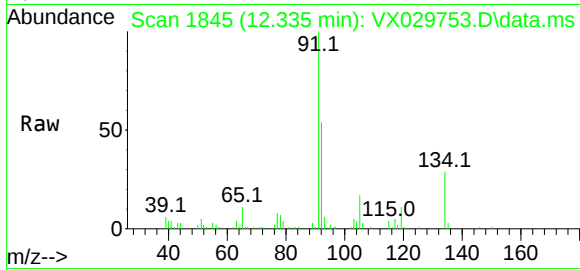
Acq: 23 Jun 2022 18:47

Instrument :

MSVOA_X

ClientSampleId :

DUP061422



Tgt Ion: 91 Resp: 17960

Ion Ratio Lower Upper

91 100

92 31.6 27.8 83.3

134 80.2 13.3 39.8#

