

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029697.D
 Acq On : 22 Jun 2022 14:27
 Operator : JC/MD
 Sample : N3293-17DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40810DL

Quant Time: Jun 22 14:51:46 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)

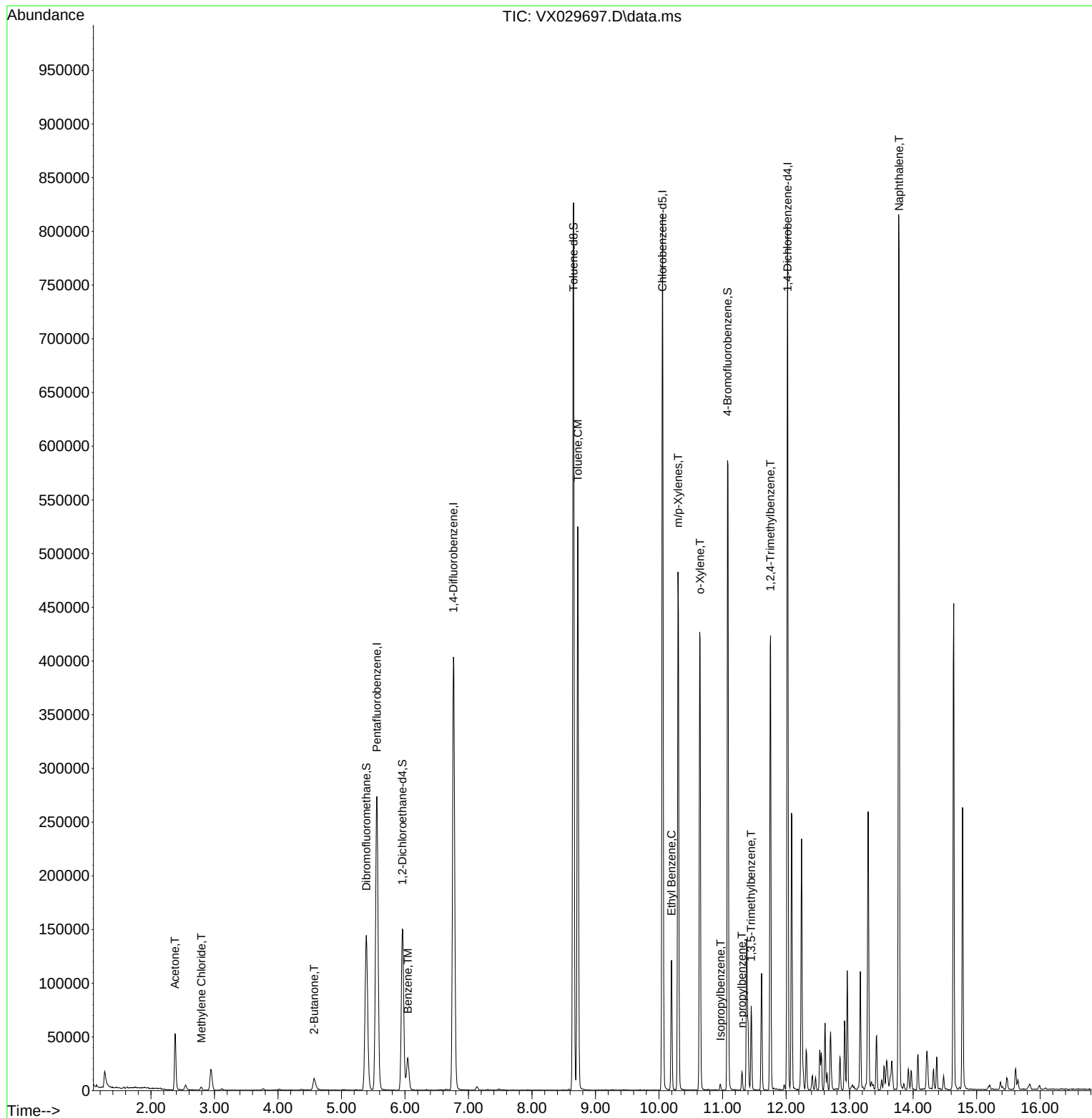
Internal Standards						
1) Pentafluorobenzene	5.556	168	264110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443632	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143302	40.989	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.980%		
35) Dibromofluoromethane	5.391	113	130767	45.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.460%		
50) Toluene-d8	8.653	98	499371	47.281	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.560%		
62) 4-Bromofluorobenzene	11.079	95	177073	44.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.920%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	54088	38.814	ug/l	98
20) Methylene Chloride	2.794	84	1406	0.453	ug/l #	86
25) 2-Butanone	4.568	43	10564	4.796	ug/l	93
40) Benzene	6.043	78	37040	3.193	ug/l	100
52) Toluene	8.720	92	203427	27.389	ug/l	98
67) Ethyl Benzene	10.195	91	67815	5.010	ug/l	99
68) m/p-Xylenes	10.299	106	117116	22.188	ug/l	99
69) o-Xylene	10.646	106	100722	19.314	ug/l	99
73) Isopropylbenzene	10.969	105	3146	0.252	ug/l	96
78) n-propylbenzene	11.305	91	11027	0.786	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	34916	3.327	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	194189	18.552	ug/l	100
95) Naphthalene	13.780	128	523936	44.940	ug/l	100

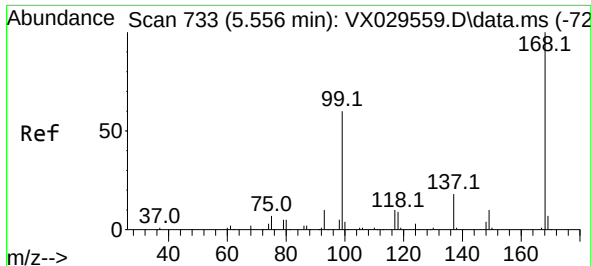
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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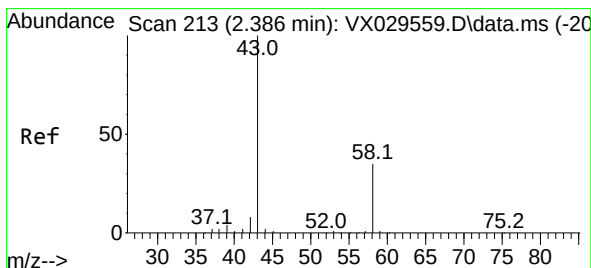
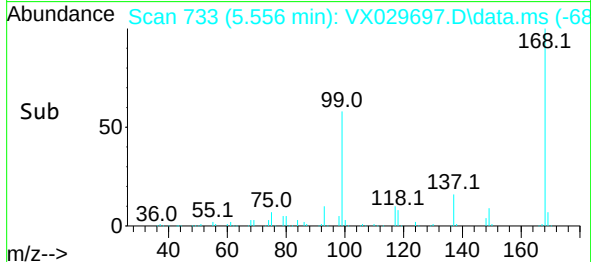
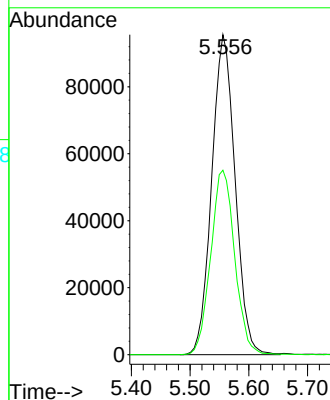
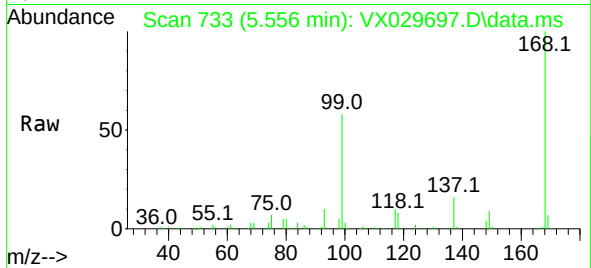




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

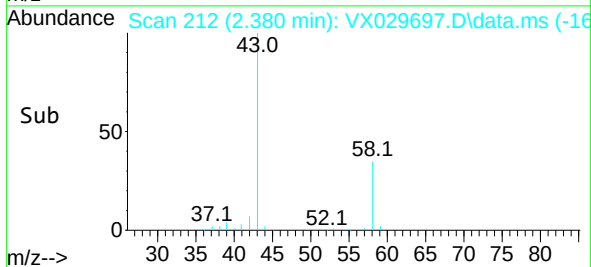
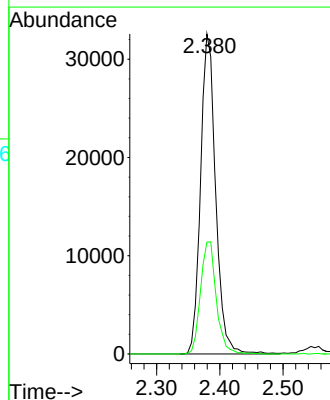
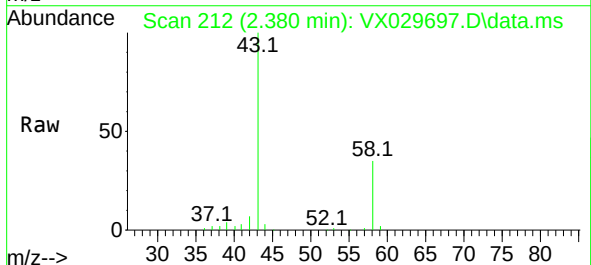
Instrument :
MSVOA_X
ClientSampleId :
40810DL

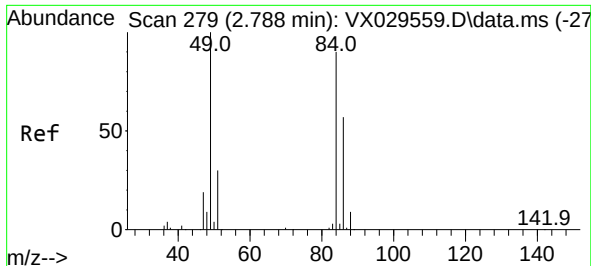
Tgt Ion:168 Resp: 264110
Ion Ratio Lower Upper
168 100
99 57.6 41.7 62.5



#16
Acetone
Concen: 38.814 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

Tgt Ion: 43 Resp: 54088
Ion Ratio Lower Upper
43 100
58 35.0 28.8 43.2

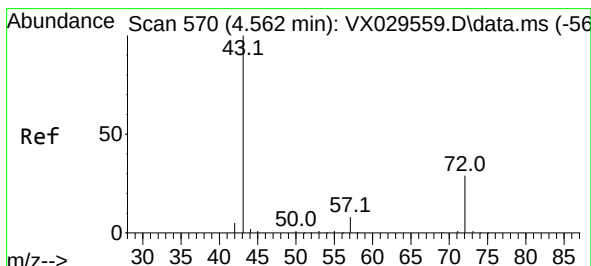
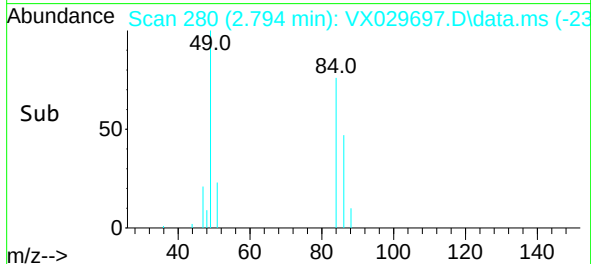
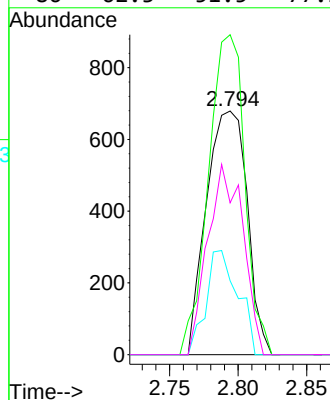
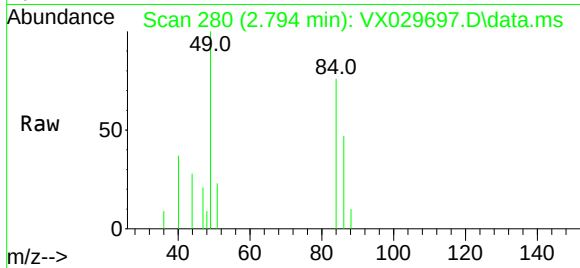




#20
Methylene Chloride
Concen: 0.453 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

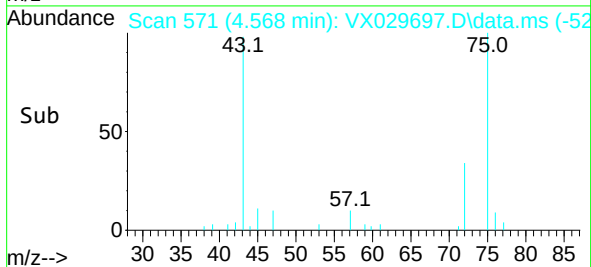
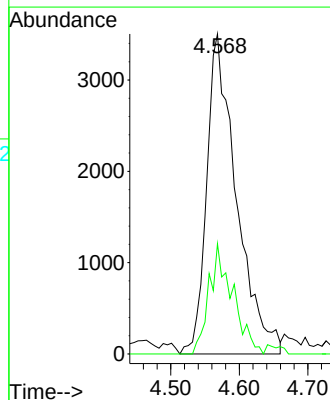
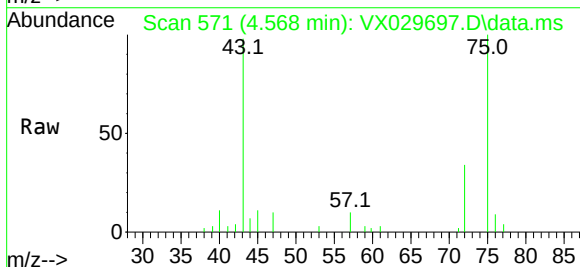
Instrument :
MSVOA_X
ClientSampleId :
40810DL

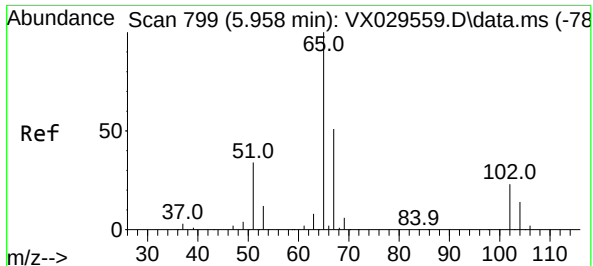
Tgt Ion: 84	Resp: 1406
Ion Ratio	Lower Upper
84	100
49	131.4 85.5 128.3#
51	30.3 26.6 39.8
86	62.3 51.5 77.3



#25
2-Butanone
Concen: 4.796 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

Tgt Ion: 43	Resp: 10564
Ion Ratio	Lower Upper
43	100
72	34.4 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 40.989 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029697.D

Acq: 22 Jun 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

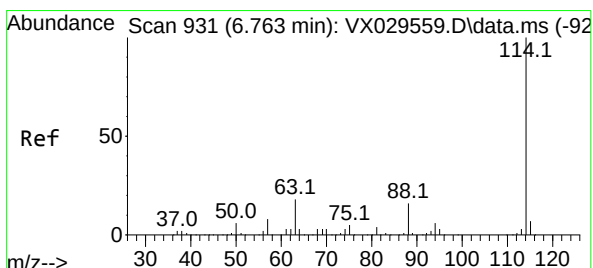
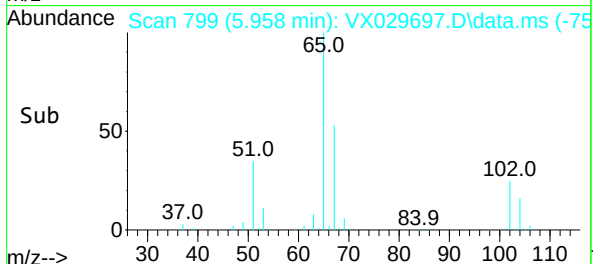
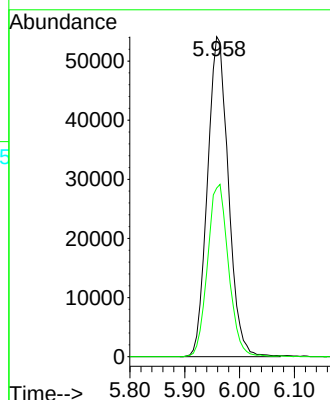
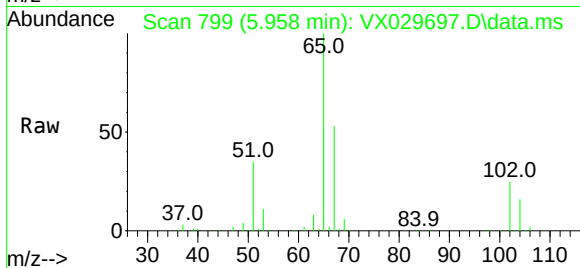
40810DL

Tgt Ion: 65 Resp: 143302

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029697.D

Acq: 22 Jun 2022 14:27

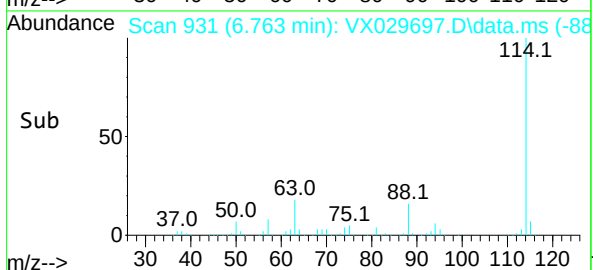
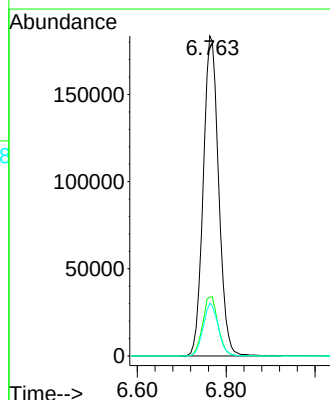
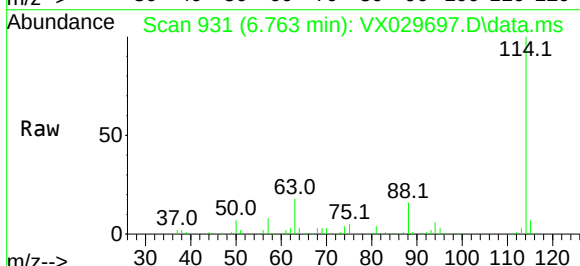
Tgt Ion: 114 Resp: 443632

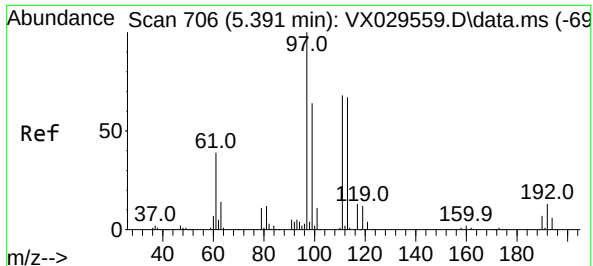
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 16.4 0.0 32.4

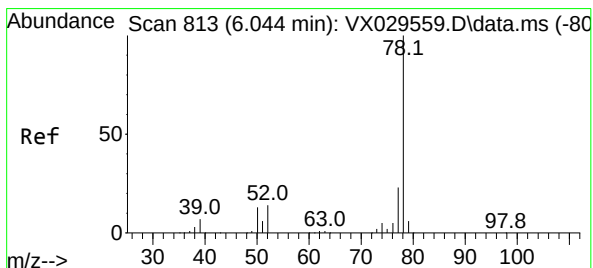
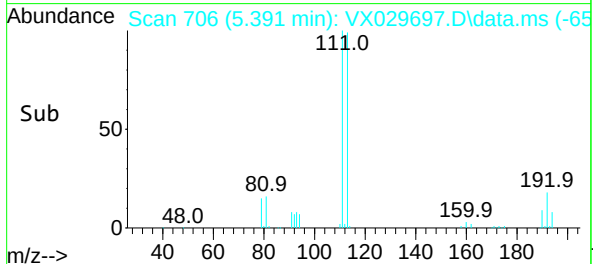
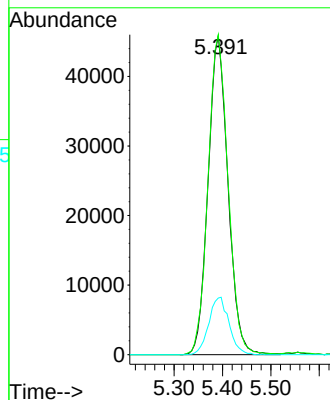
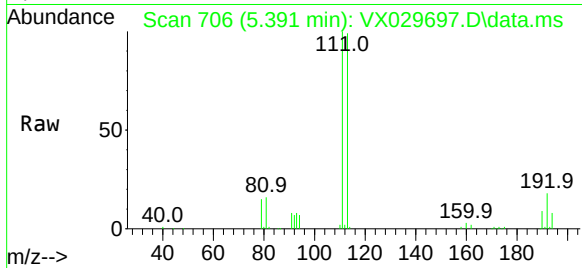




#35
Dibromofluoromethane
Concen: 45.231 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

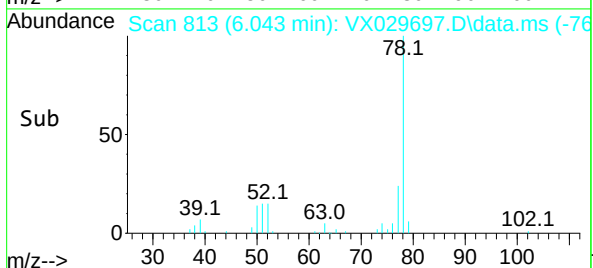
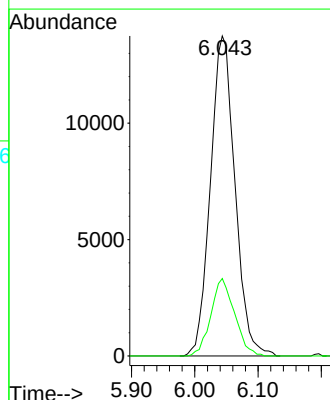
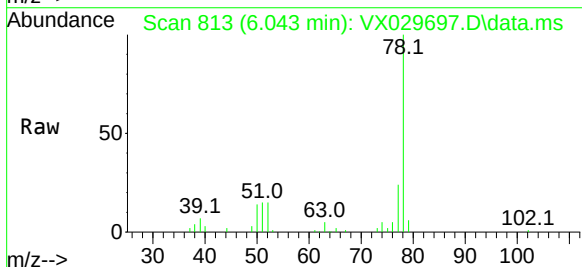
Instrument :
MSVOA_X
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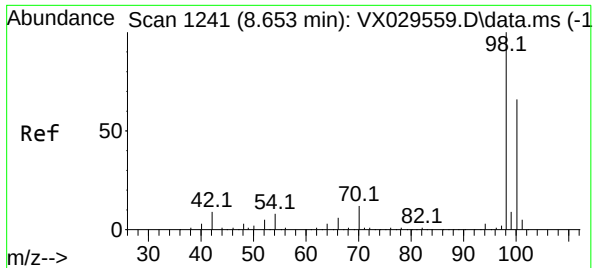
Tgt Ion:113 Resp: 130767
Ion Ratio Lower Upper
113 100
111 101.3 82.8 124.2
192 18.4 16.9 25.3



#40
Benzene
Concen: 3.193 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

Tgt Ion: 78 Resp: 37040
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

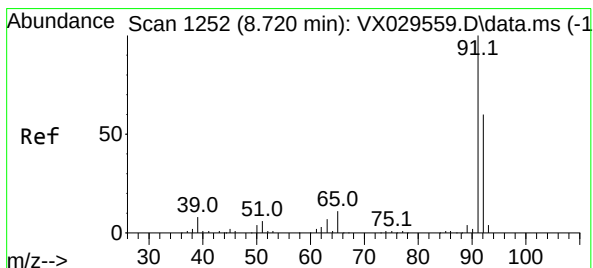
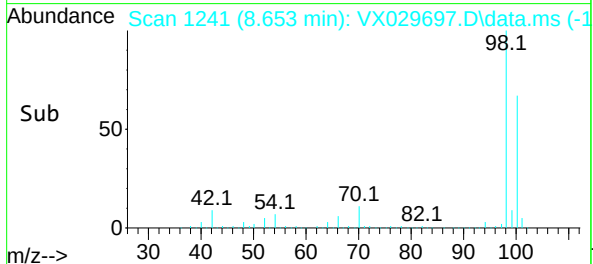
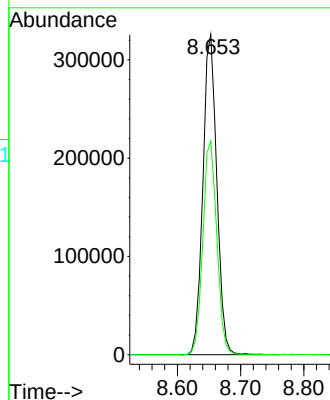
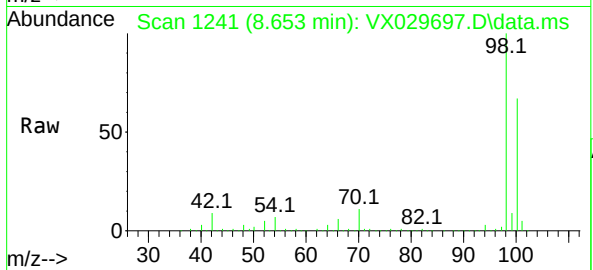




#50
Toluene-d8
Concen: 47.281 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

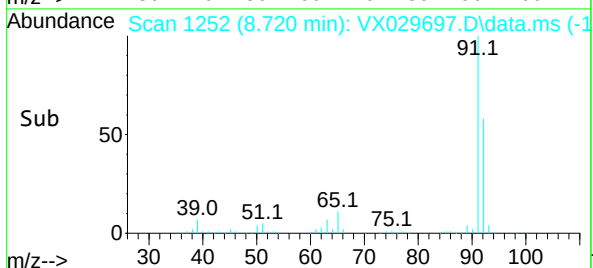
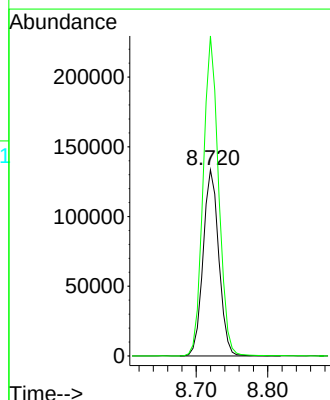
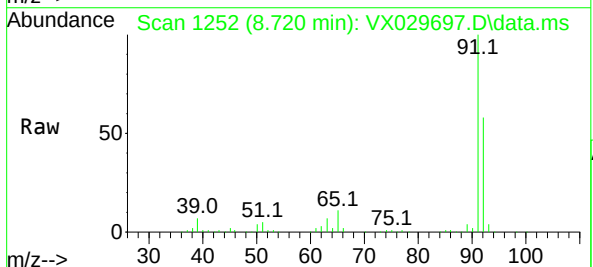
Instrument :
MSVOA_X
ClientSampleId :
40810DL

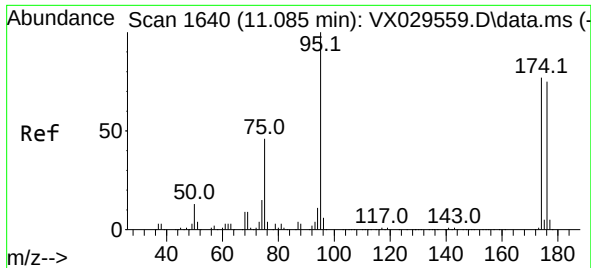
Tgt Ion: 98 Resp: 499371
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#52
Toluene
Concen: 27.389 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

Tgt Ion: 92 Resp: 203427
Ion Ratio Lower Upper
92 100
91 169.1 137.5 206.3





#62

4-Bromofluorobenzene

Concen: 44.458 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029697.D

Acq: 22 Jun 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

40810DL

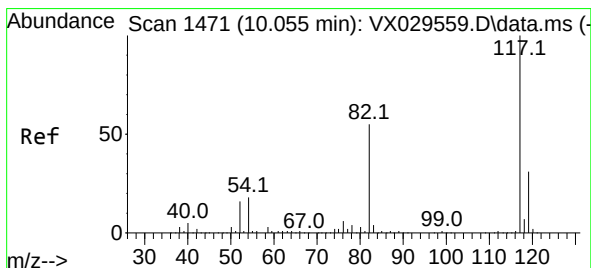
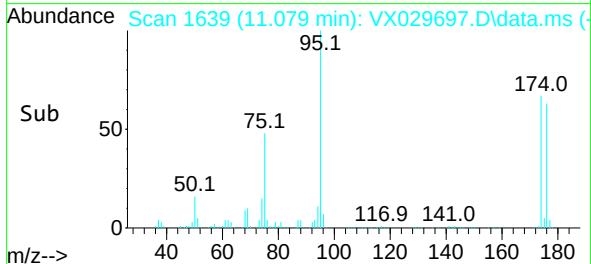
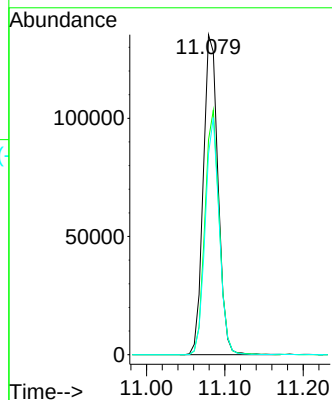
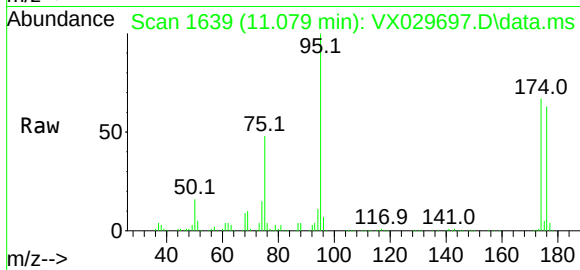
Tgt Ion: 95 Resp: 177073

Ion Ratio Lower Upper

95 100

174 74.1 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: VX029697.D

Acq: 22 Jun 2022 14:27

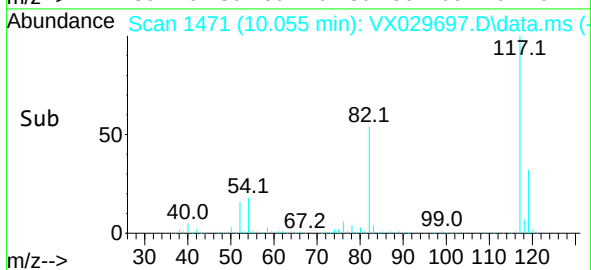
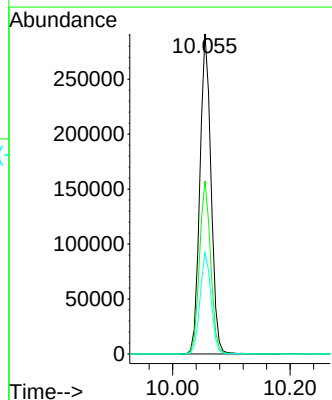
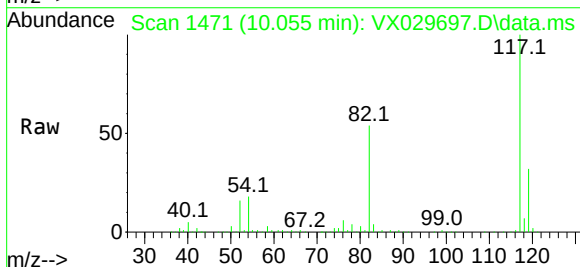
Tgt Ion: 117 Resp: 383450

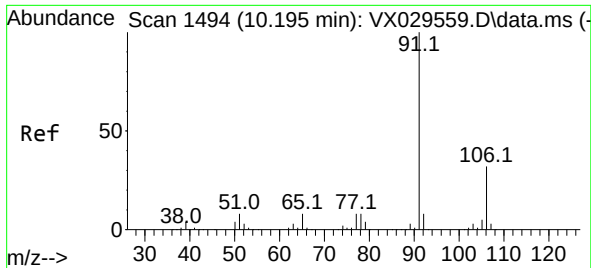
Ion Ratio Lower Upper

117 100

82 54.1 41.8 62.8

119 31.7 24.8 37.2

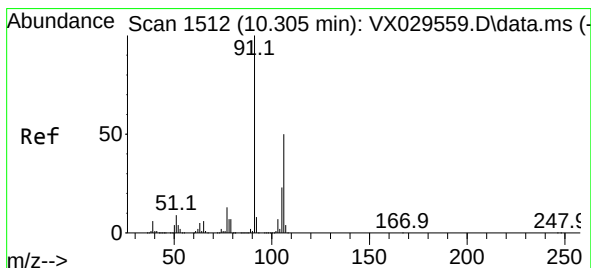
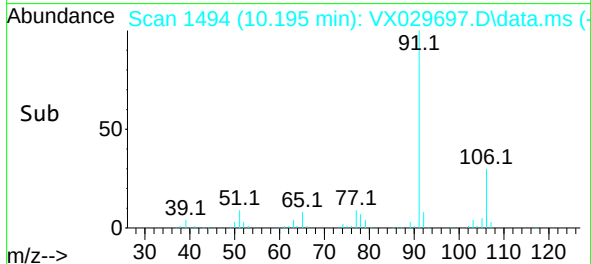
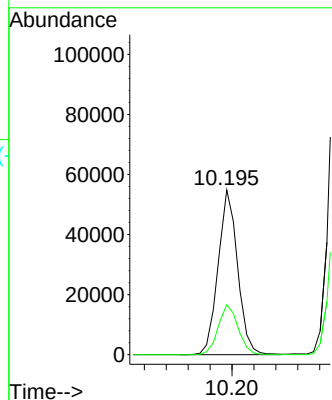
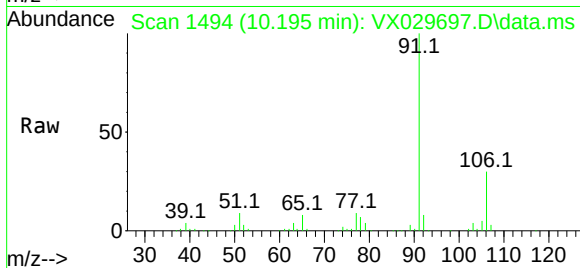




#67
Ethyl Benzene
Concen: 5.010 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

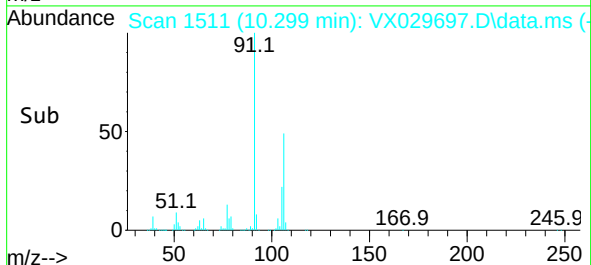
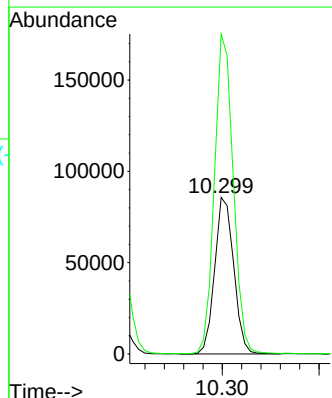
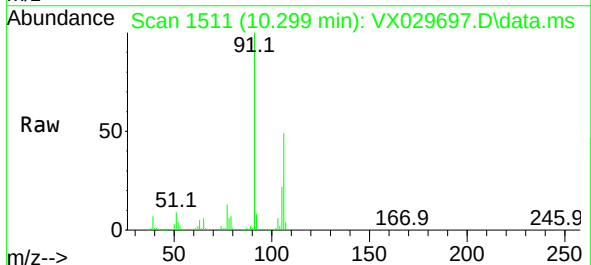
Instrument :
MSVOA_X
ClientSampleId :
40810DL

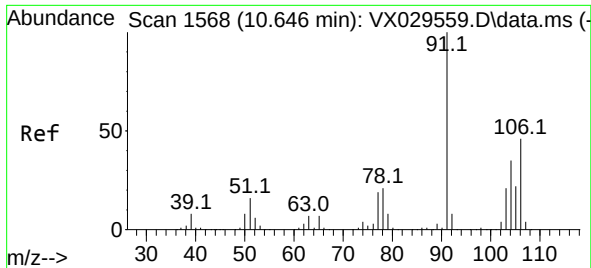
Tgt Ion: 91 Resp: 67815
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8



#68
m/p-Xylenes
Concen: 22.188 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

Tgt Ion: 106 Resp: 117116
Ion Ratio Lower Upper
106 100
91 202.1 160.4 240.6

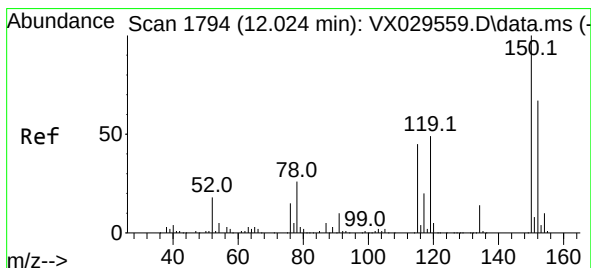
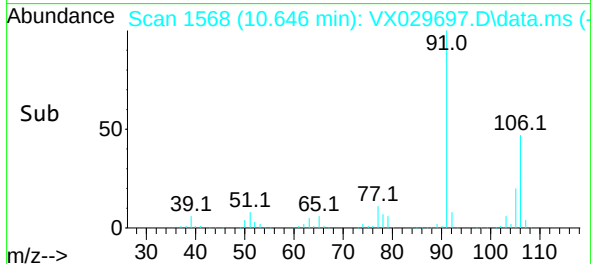
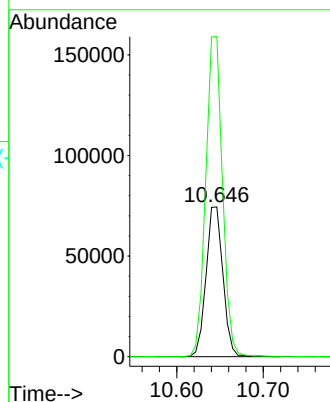
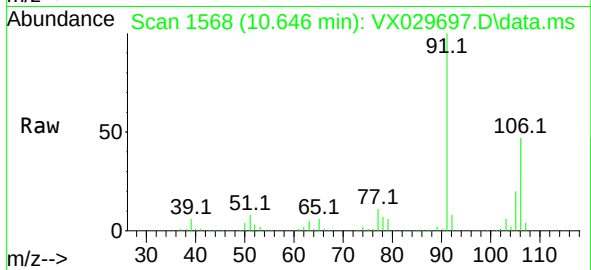




#69
o-Xylene
Concen: 19.314 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

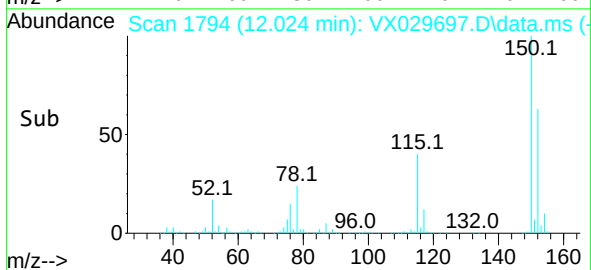
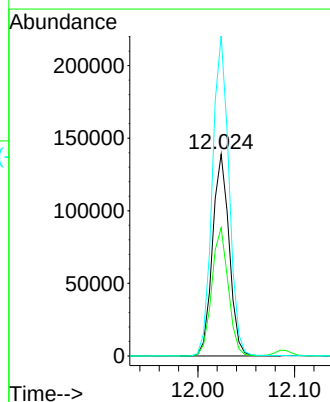
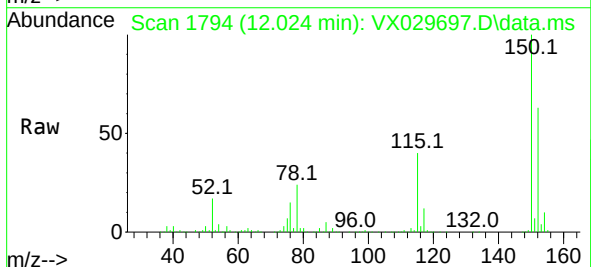
Instrument :
MSVOA_X
ClientSampleId :
40810DL

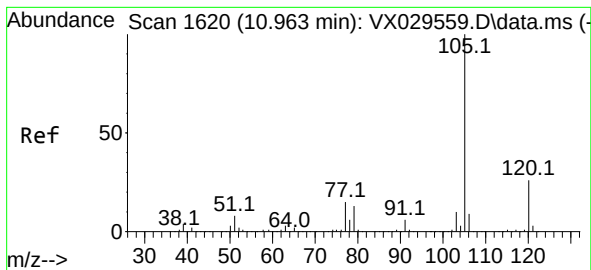
Tgt Ion:106 Resp: 100722
Ion Ratio Lower Upper
106 100
91 213.1 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

Tgt Ion:152 Resp: 166207
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 158.1 0.0 338.2





#73

Isopropylbenzene

Concen: 0.252 ug/l

RT: 10.969 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029697.D

Acq: 22 Jun 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

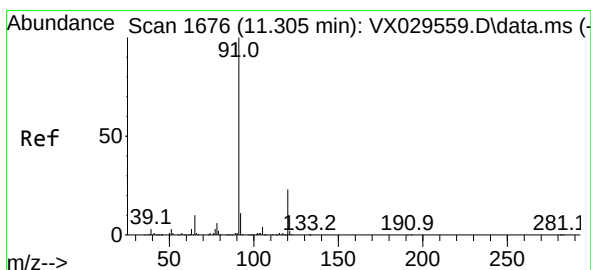
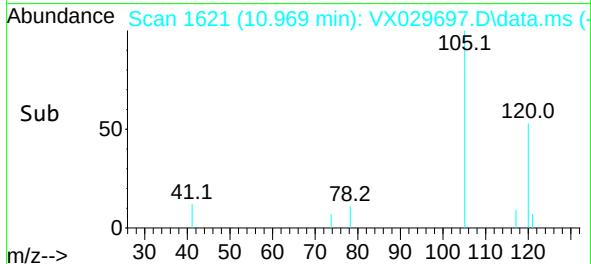
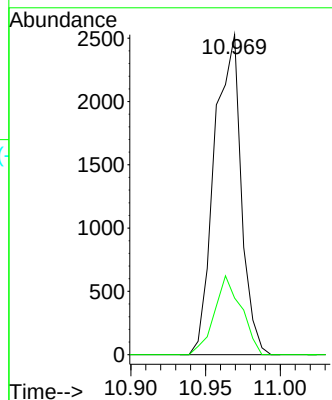
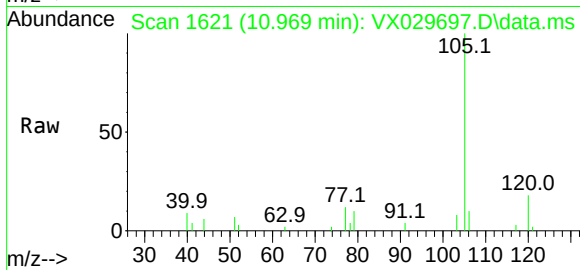
40810DL

Tgt Ion:105 Resp: 3146

Ion Ratio Lower Upper

105 100

120 24.9 13.5 40.5



#78

n-propylbenzene

Concen: 0.786 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029697.D

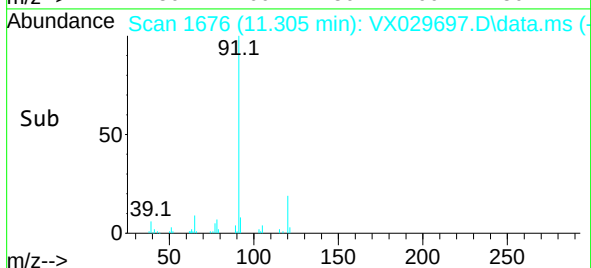
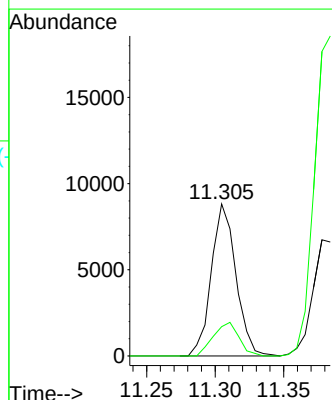
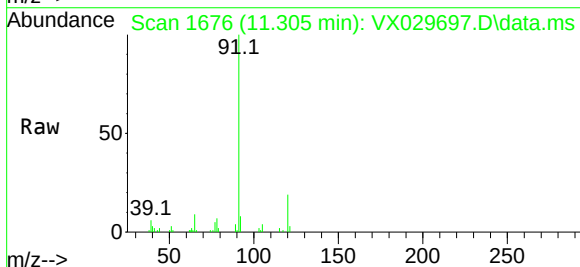
Acq: 22 Jun 2022 14:27

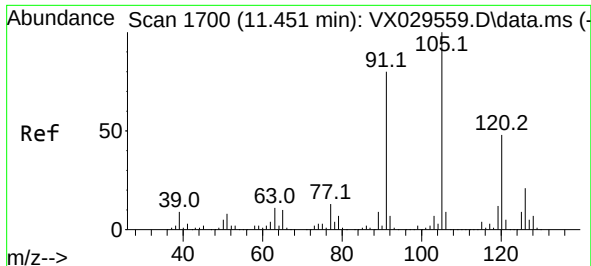
Tgt Ion: 91 Resp: 11027

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8

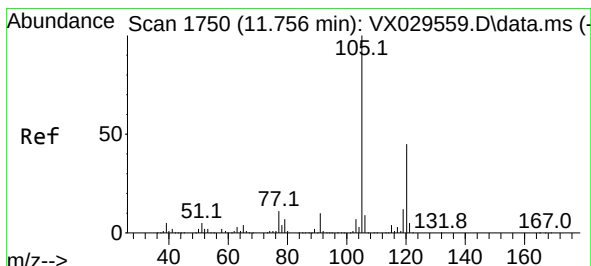
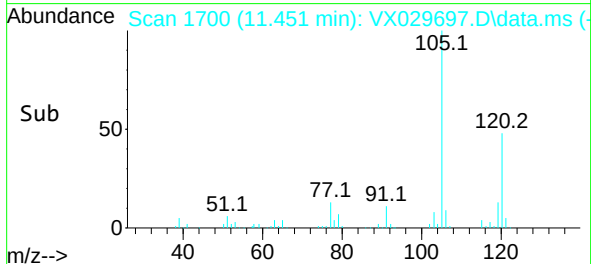
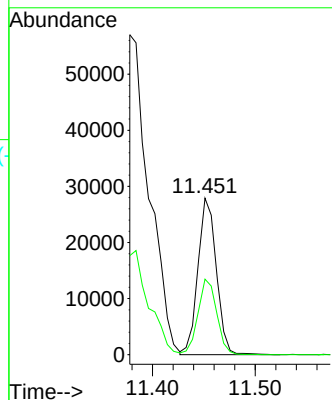
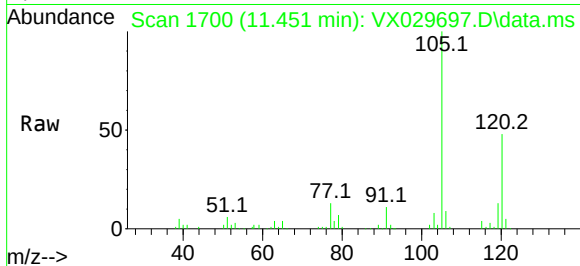




#80
 1,3,5-Trimethylbenzene
 Concen: 3.327 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029697.D
 Acq: 22 Jun 2022 14:27

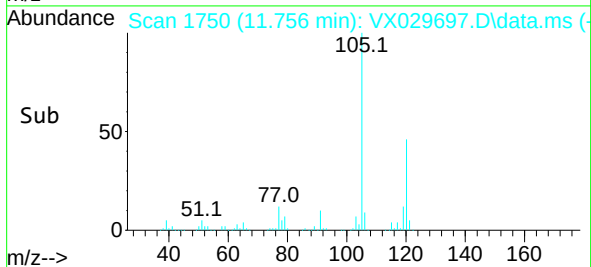
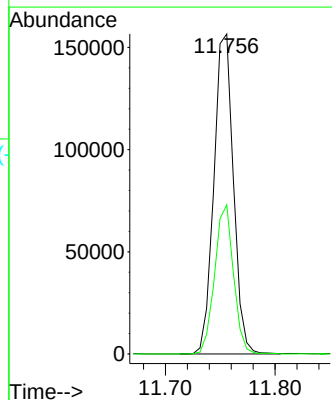
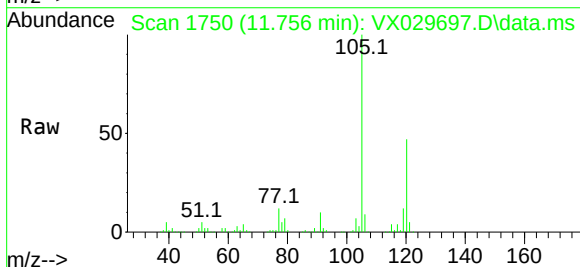
Instrument :
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 ClientSampleId :
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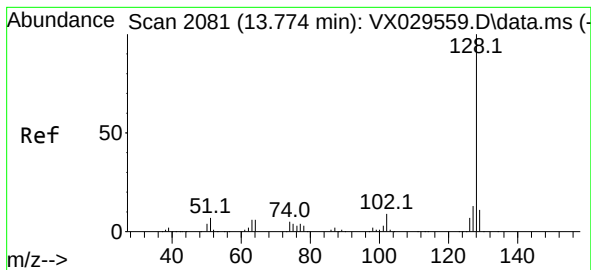
Tgt Ion:105 Resp: 34916
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 18.552 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX029697.D
 Acq: 22 Jun 2022 14:27

Tgt Ion:105 Resp: 194189
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.8





#95
Naphthalene
Concen: 44.940 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029697.D
Acq: 22 Jun 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
40810DL

Tgt Ion:128 Resp: 523936
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.7 13.1

