

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026935.D
 Acq On : 10 Feb 2022 20:59
 Operator : JC/MD
 Sample : N1425-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20722

Quant Time: Feb 11 04:04:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

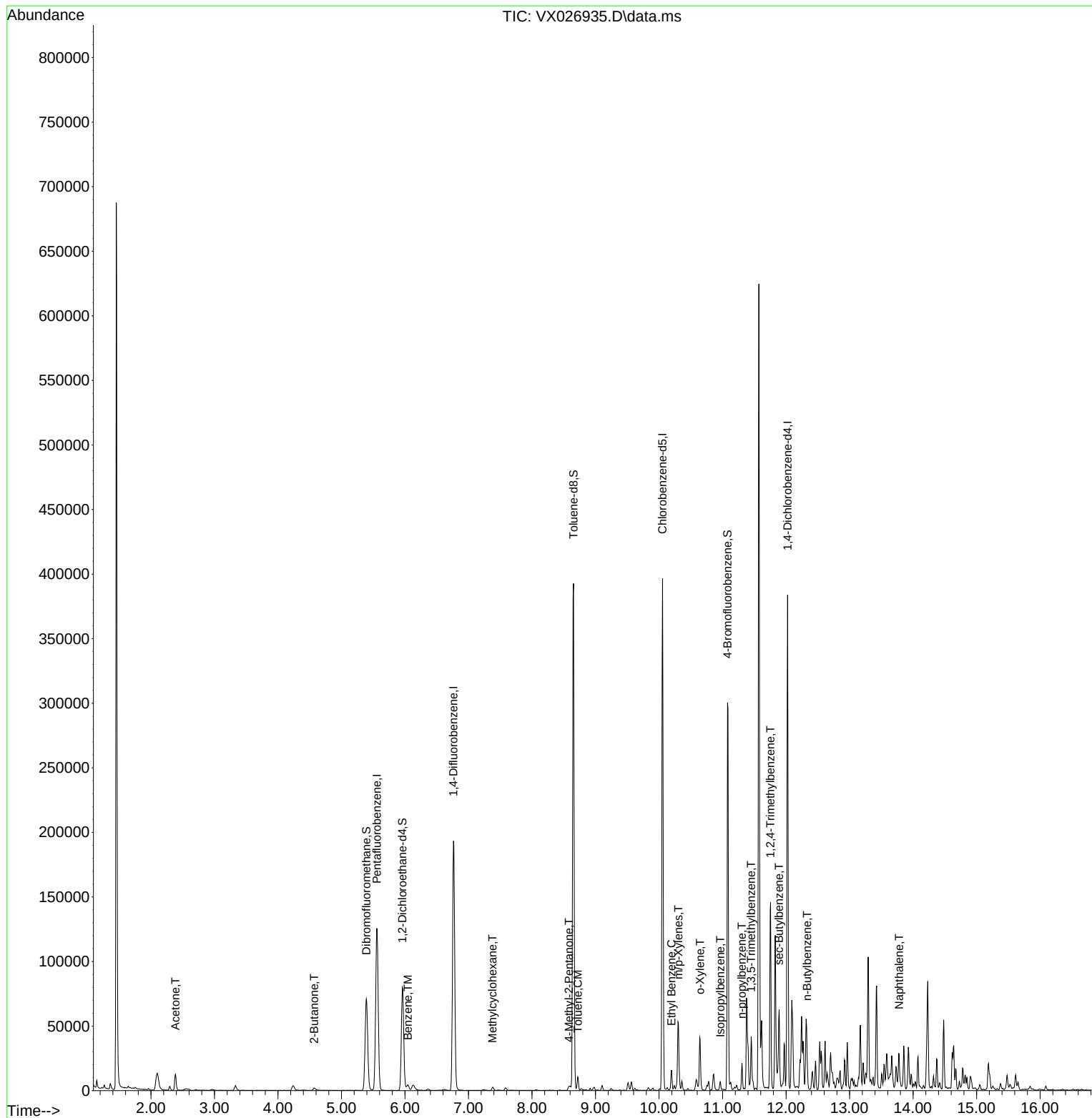
Internal Standards						
1) Pentafluorobenzene	5.556	168	118347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77374	54.464	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.920%	
35) Dibromofluoromethane	5.391	113	63050	52.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.660%	
50) Toluene-d8	8.653	98	233618	53.324	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	11.079	95	82545	53.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.040%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	14141	22.664	ug/l	95
25) 2-Butanone	4.568	43	3361	3.343	ug/l	91
39) Methylcyclohexane	7.379	83	1185	0.513	ug/l #	87
40) Benzene	6.044	78	4947	0.901	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	1975	0.990	ug/l	95
52) Toluene	8.720	92	3675	1.058	ug/l	96
67) Ethyl Benzene	10.195	91	8221	1.265	ug/l	97
68) m/p-Xylenes	10.305	106	11947	4.777	ug/l	100
69) o-Xylene	10.646	106	8663	3.535	ug/l	99
73) Isopropylbenzene	10.964	105	3554	0.603	ug/l	99
78) n-propylbenzene	11.305	91	12371	1.895	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	17044	3.516	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	64413	13.174	ug/l	99
85) sec-Butylbenzene	11.890	105	5436	0.928	ug/l	80
89) n-Butylbenzene	12.329	91	9132	2.250	ug/l #	46
95) Naphthalene	13.780	128	14635	2.675	ug/l #	97

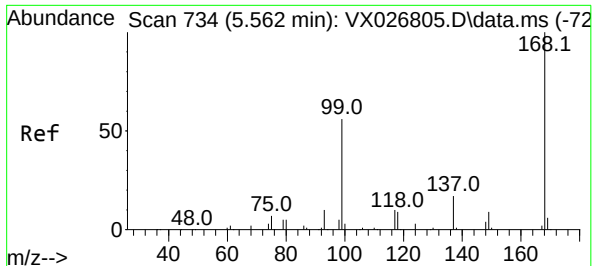
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
Data File : VX026935.D
Acq On : 10 Feb 2022 20:59
Operator : JC/MD
Sample : N1425-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20722

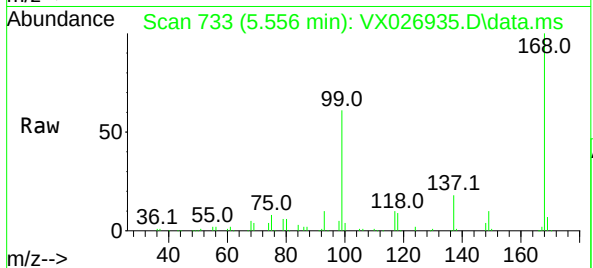
Quant Time: Feb 11 04:04:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



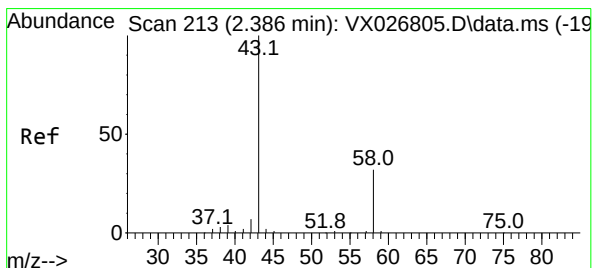
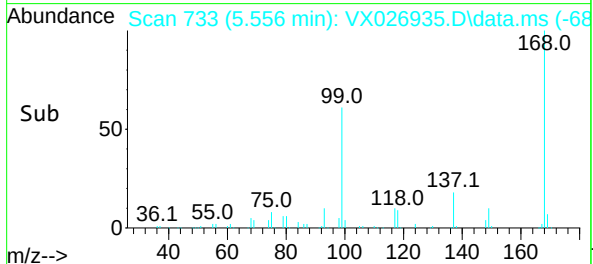
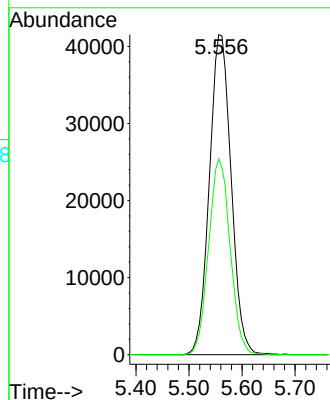


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Instrument :
MSVOA_X
ClientSampleId :
20722

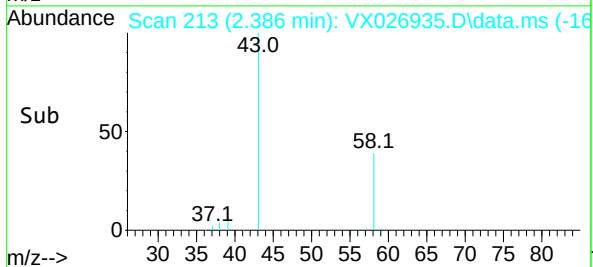
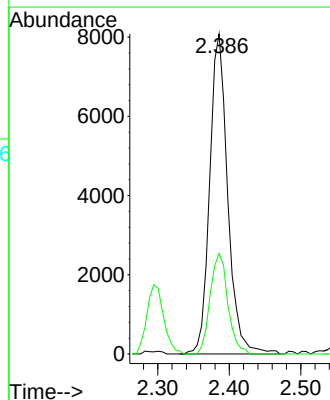
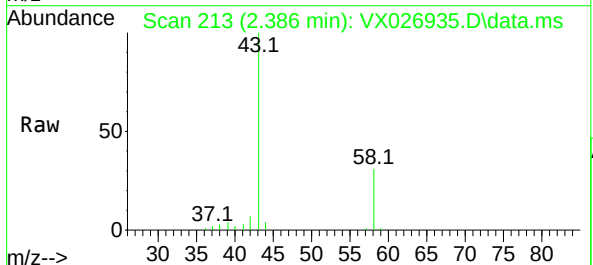


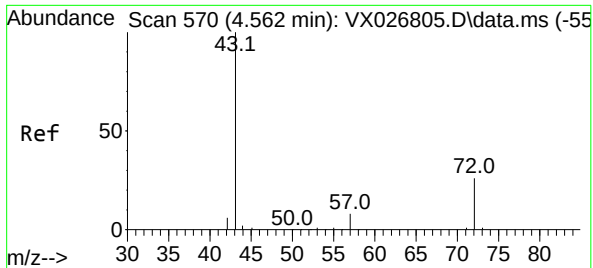
Tgt Ion:168 Resp: 118347
Ion Ratio Lower Upper
168 100
99 61.2 50.3 75.5



#16
Acetone
Concen: 22.664 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Tgt Ion: 43 Resp: 14141
Ion Ratio Lower Upper
43 100
58 31.4 23.0 34.6

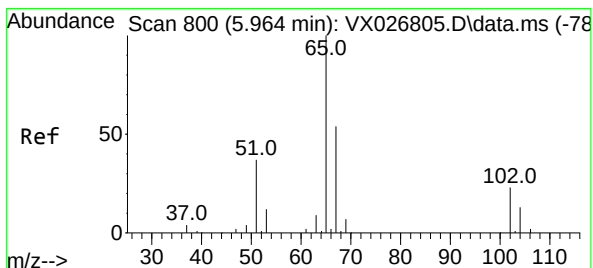
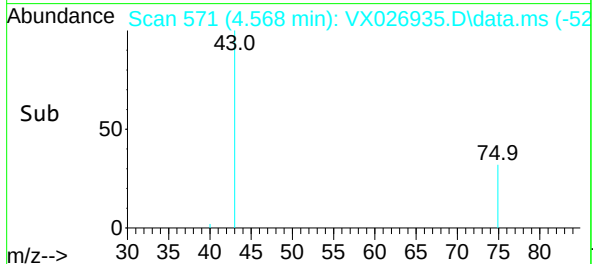
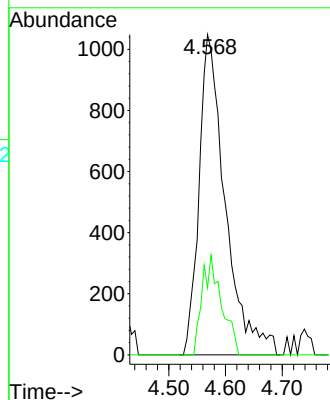
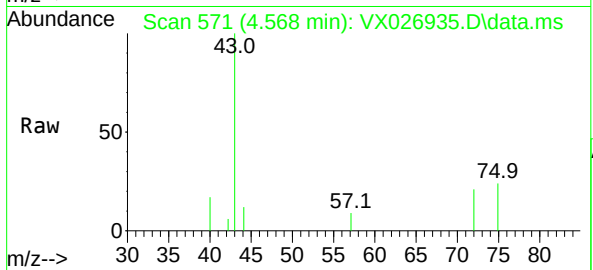




#25
2-Butanone
Concen: 3.343 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

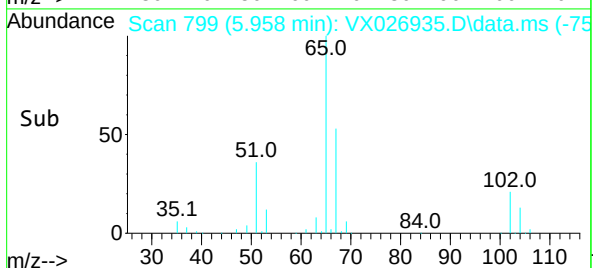
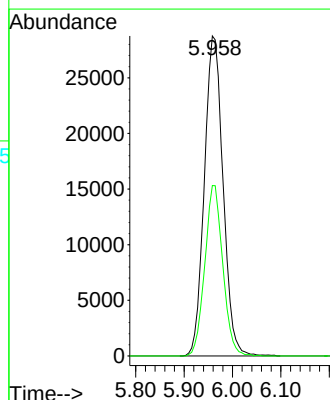
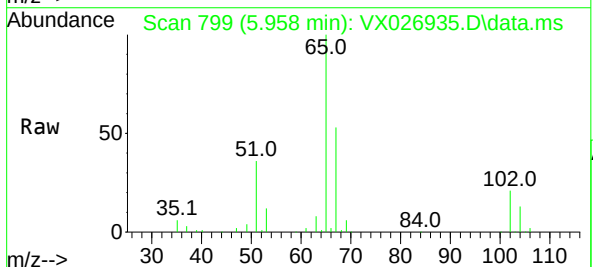
Instrument :
MSVOA_X
ClientSampleId :
20722

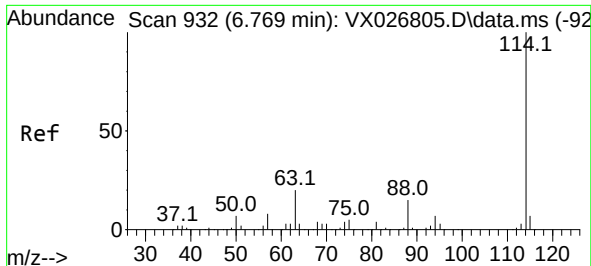
Tgt Ion: 43 Resp: 3361
Ion Ratio Lower Upper
43 100
72 21.0 20.4 30.6



#33
1,2-Dichloroethane-d4
Concen: 54.464 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Tgt Ion: 65 Resp: 77374
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.8

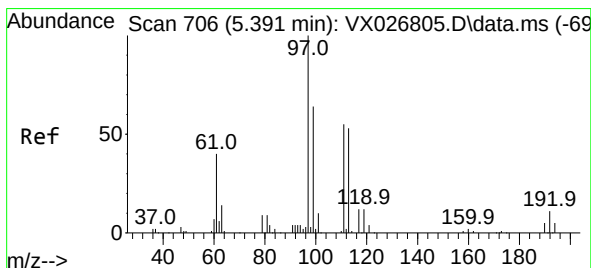
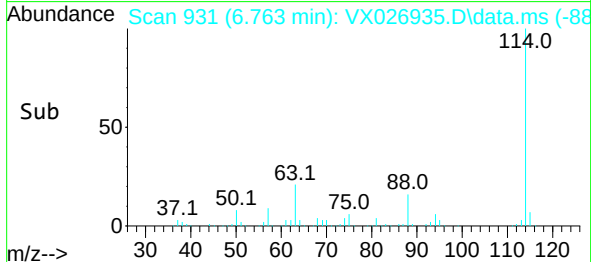
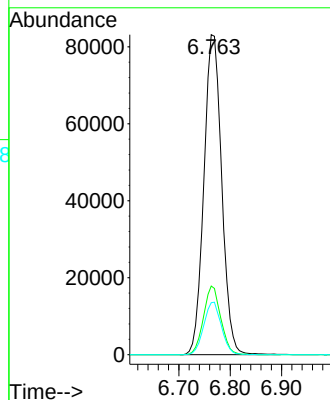
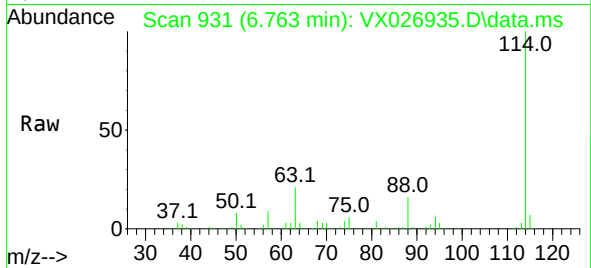




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

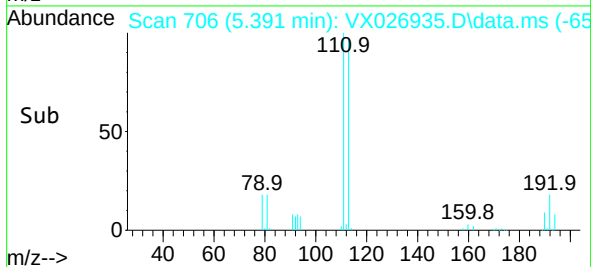
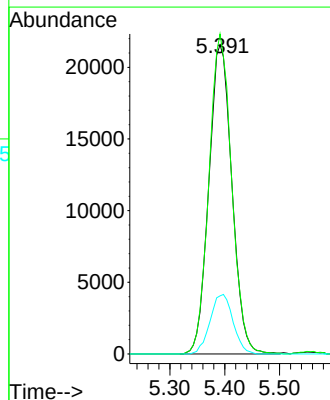
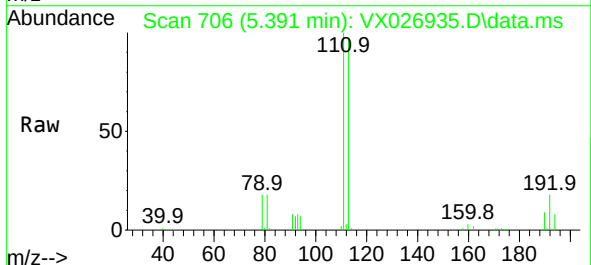
Instrument :
MSVOA_X
ClientSampleId :
20722

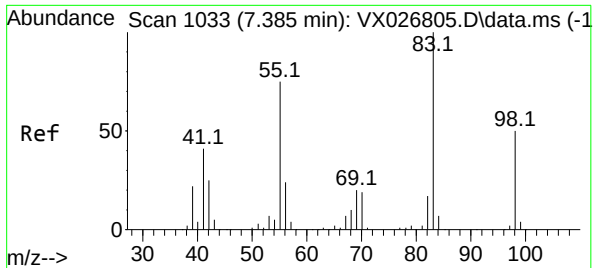
Tgt Ion:114 Resp: 200331
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.826 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Tgt Ion:113 Resp: 63050
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 19.1 15.0 22.4

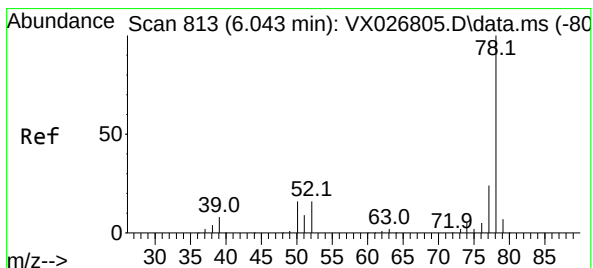
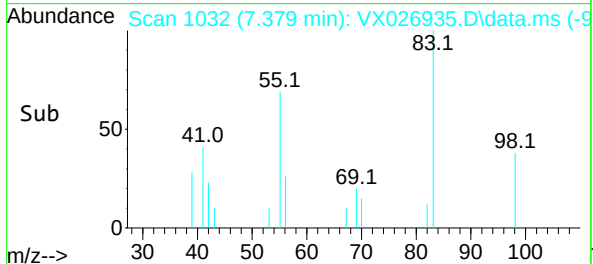
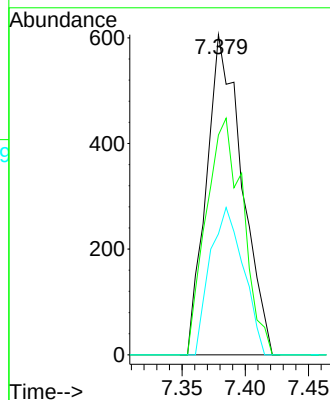
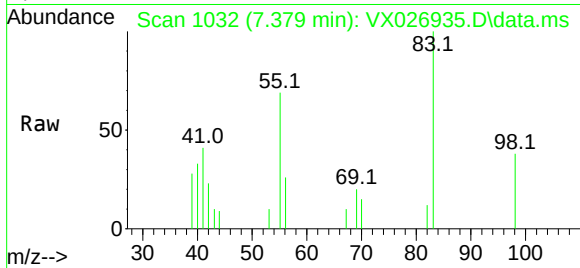




#39
Methylcyclohexane
Concen: 0.513 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

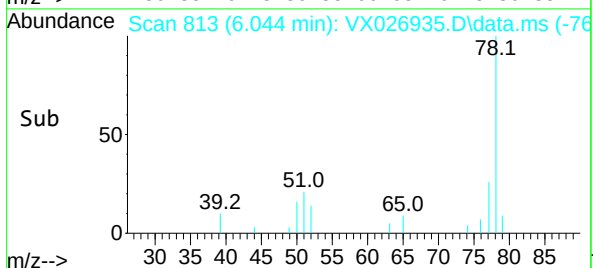
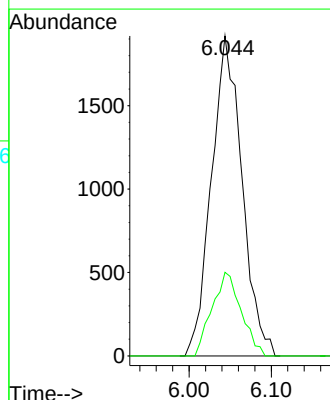
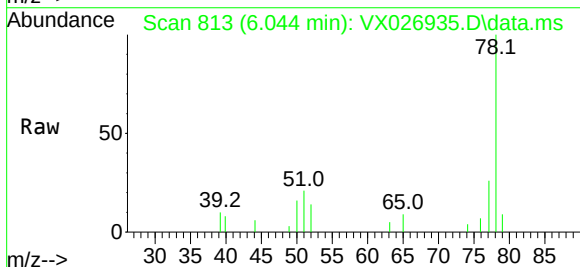
Instrument :
MSVOA_X
ClientSampleId :
20722

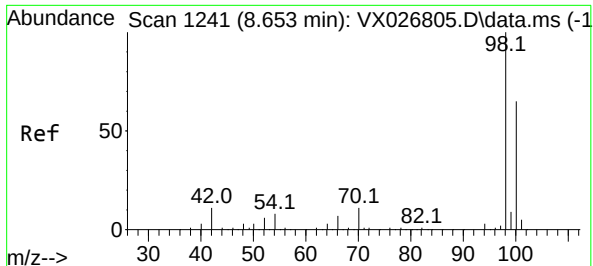
Tgt Ion: 83 Resp: 1185
Ion Ratio Lower Upper
83 100
55 68.6 63.6 95.4
98 37.8 38.4 57.6#



#40
Benzene
Concen: 0.901 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Tgt Ion: 78 Resp: 4947
Ion Ratio Lower Upper
78 100
77 26.1 18.9 28.3

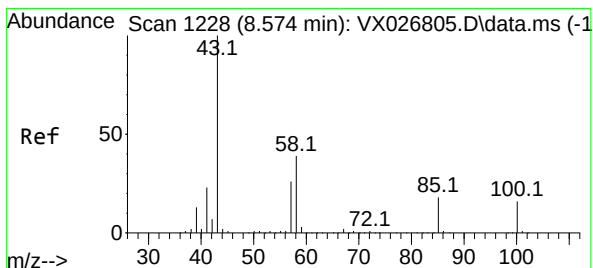
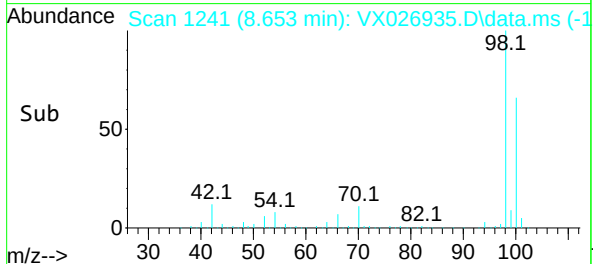
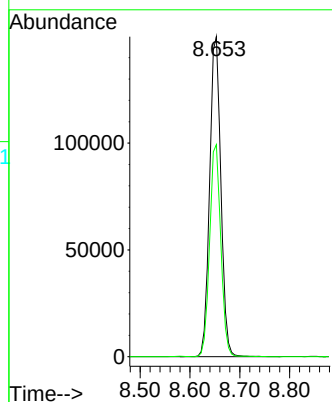
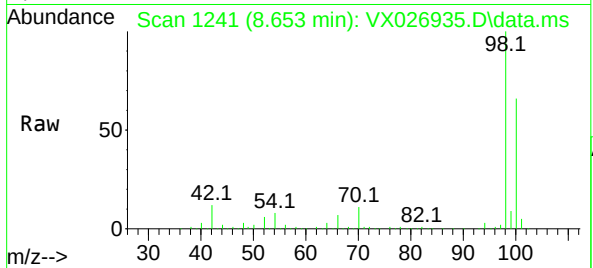




#50
Toluene-d8
Concen: 53.324 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

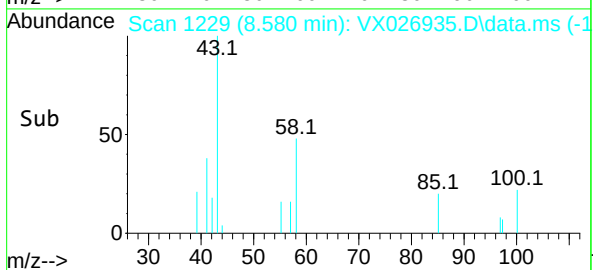
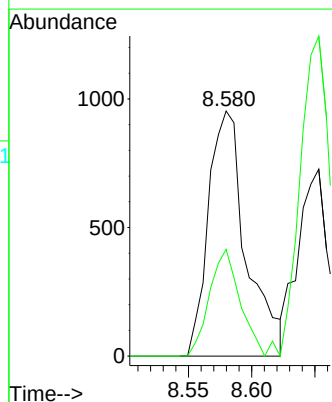
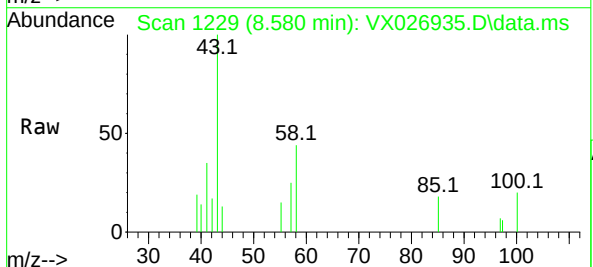
Instrument :
MSVOA_X
ClientSampleId :
20722

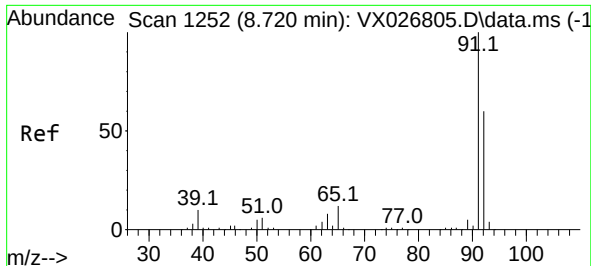
Tgt Ion: 98 Resp: 233618
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.990 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
58 35.0 30.5 45.7

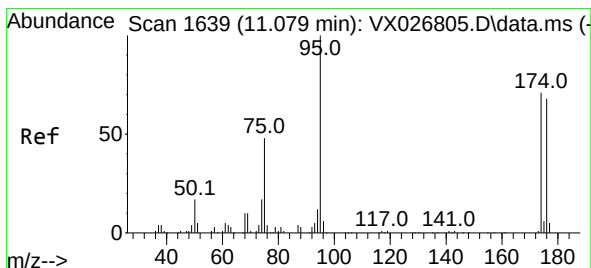
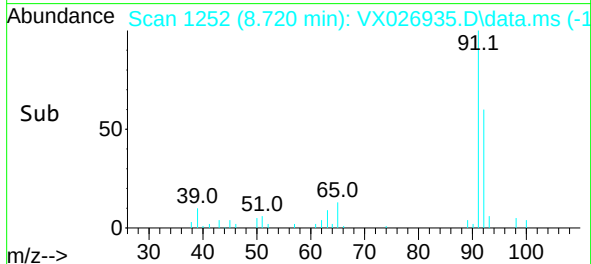
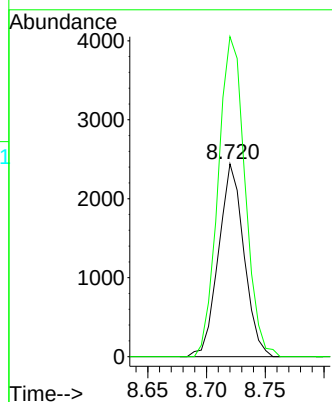
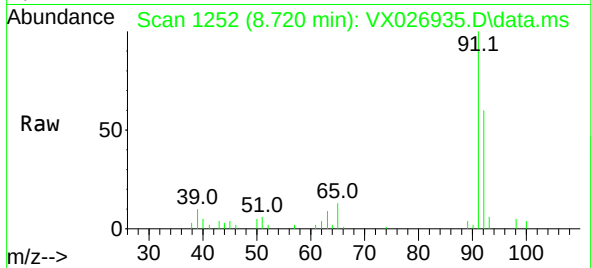




#52
Toluene
Concen: 1.058 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

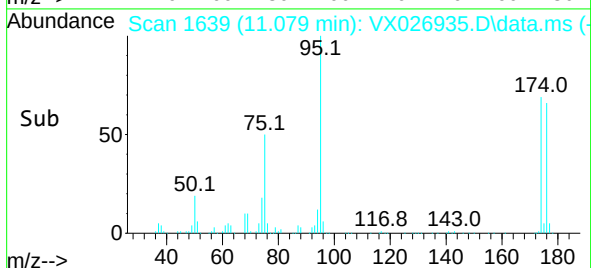
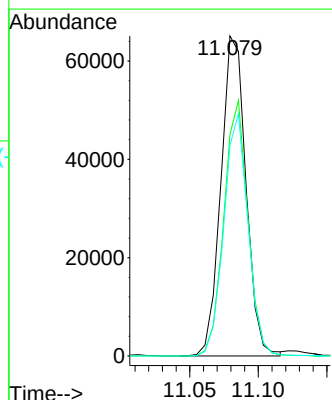
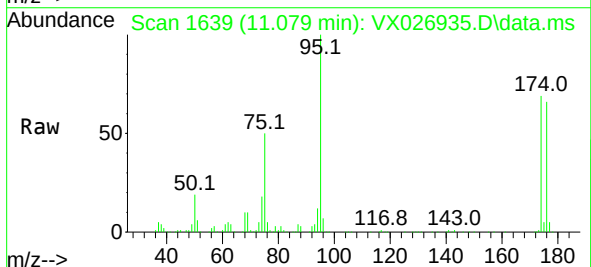
Instrument :
MSVOA_X
ClientSampleId :
20722

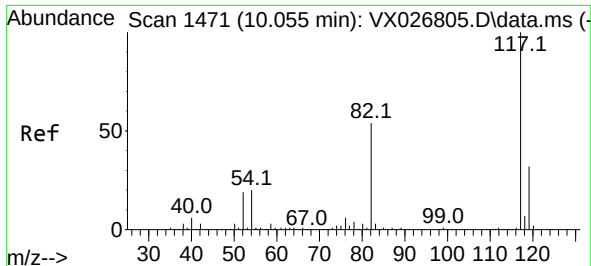
Tgt Ion: 92 Resp: 3675
Ion Ratio Lower Upper
92 100
91 175.3 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 53.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Tgt Ion: 95 Resp: 82545
Ion Ratio Lower Upper
95 100
174 76.6 0.0 148.6
176 73.1 0.0 141.4

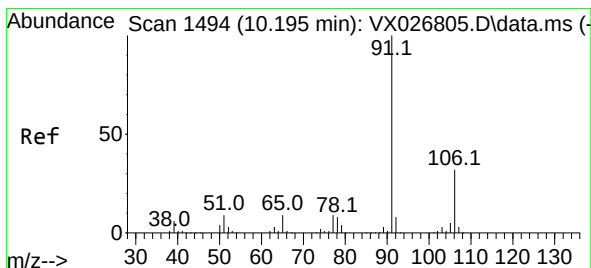
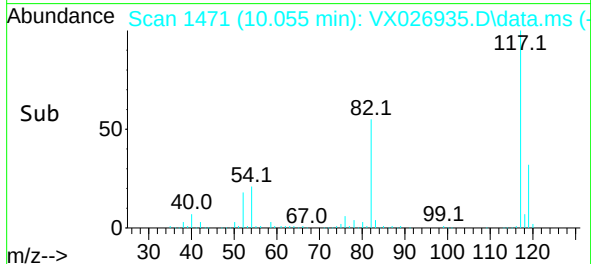
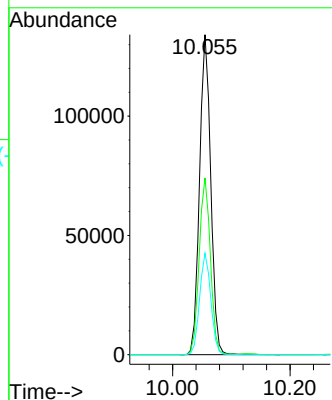
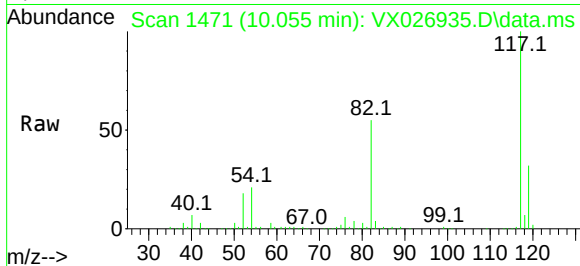




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

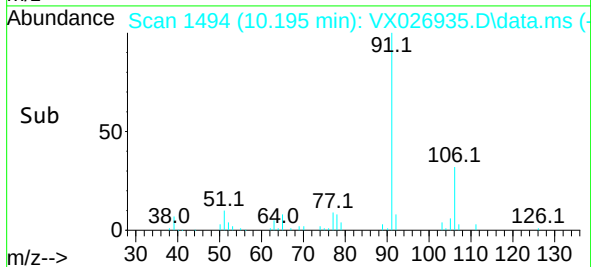
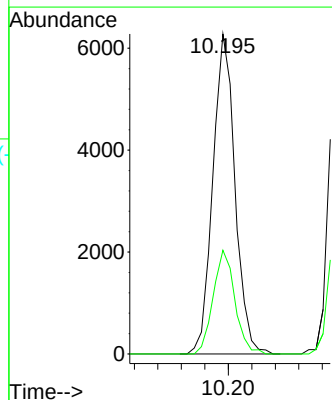
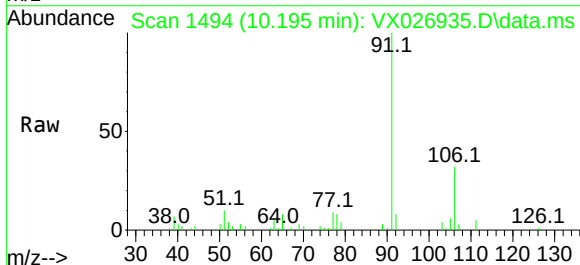
Instrument :
MSVOA_X
ClientSampleId :
20722

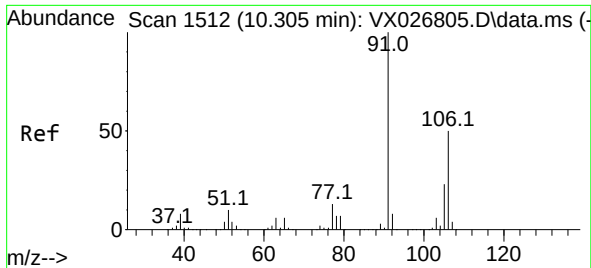
Tgt Ion:117 Resp: 177570
Ion Ratio Lower Upper
117 100
82 55.3 45.2 67.8
119 31.7 26.2 39.2



#67
Ethyl Benzene
Concen: 1.265 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Tgt Ion: 91 Resp: 8221
Ion Ratio Lower Upper
91 100
106 32.4 24.7 37.1

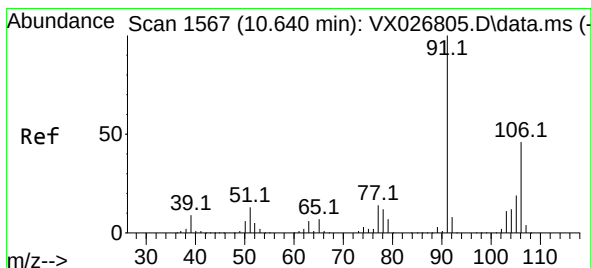
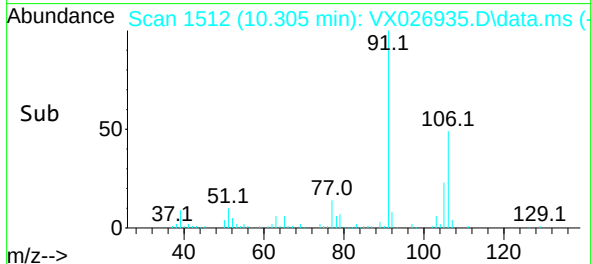
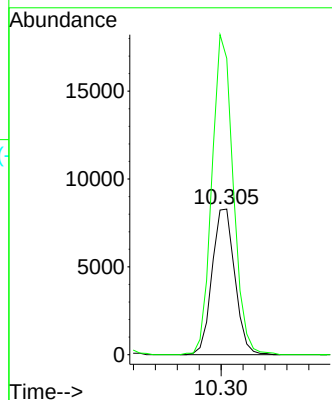
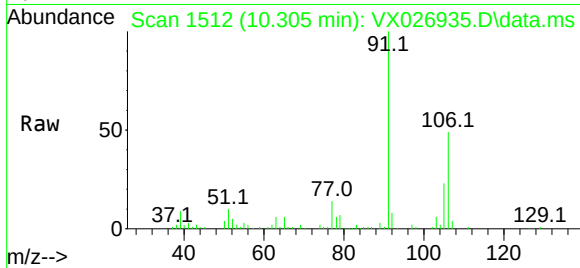




#68
m/p-Xylenes
Concen: 4.777 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

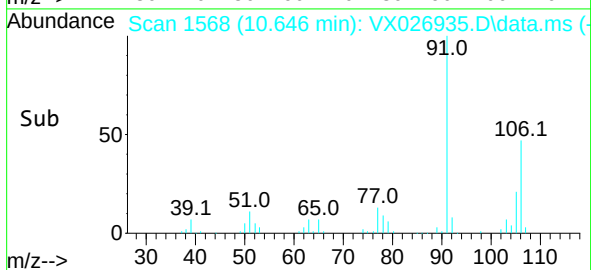
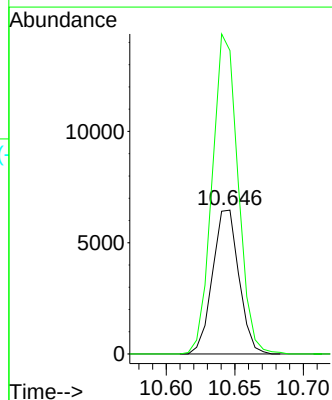
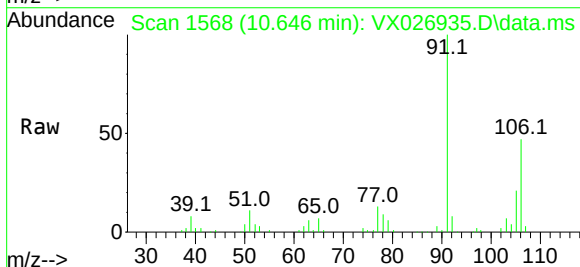
Instrument :
MSVOA_X
ClientSampleId :
20722

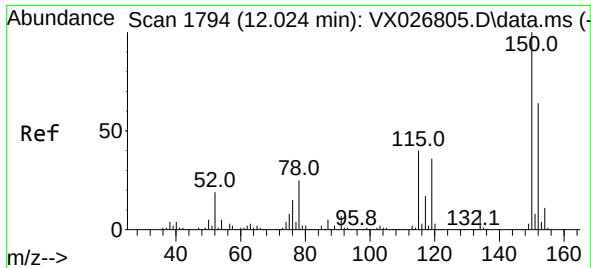
Tgt Ion:106 Resp: 11947
Ion Ratio Lower Upper
106 100
91 206.0 165.3 247.9



#69
o-Xylene
Concen: 3.535 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Tgt Ion:106 Resp: 8663
Ion Ratio Lower Upper
106 100
91 218.3 109.7 329.0

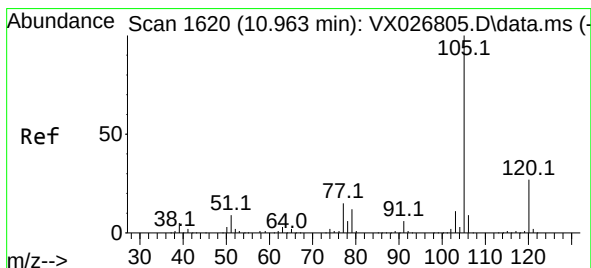
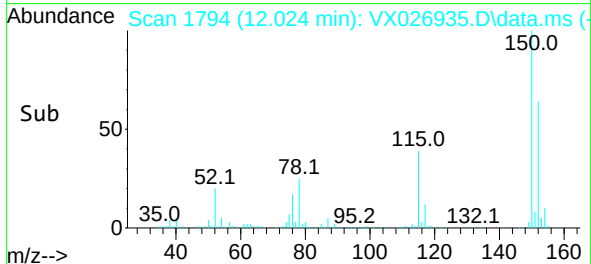
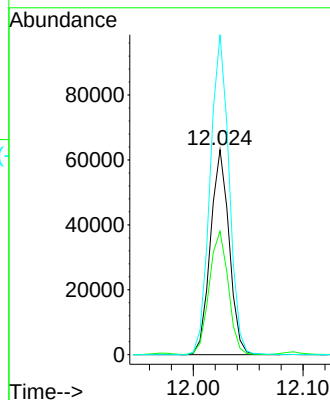
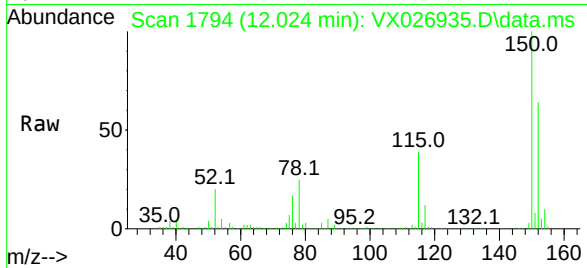




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

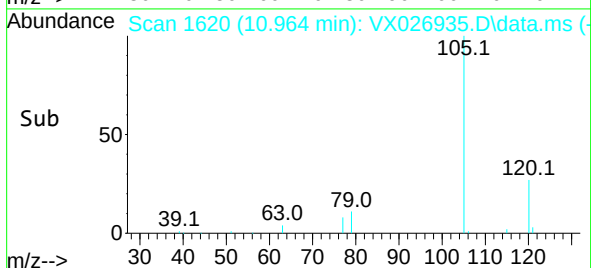
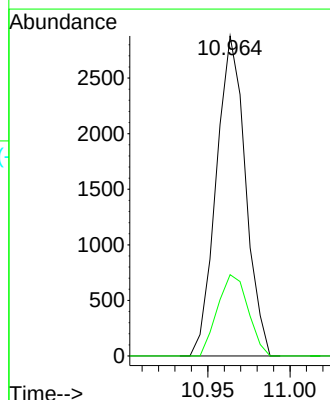
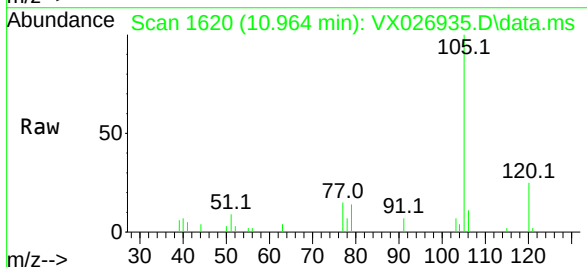
Instrument :
MSVOA_X
ClientSampleId :
20722

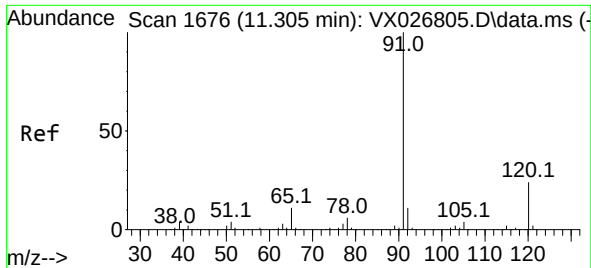
Tgt Ion:152 Resp: 74772
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 158.0 0.0 348.2



#73
Isopropylbenzene
Concen: 0.603 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Tgt Ion:105 Resp: 3554
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

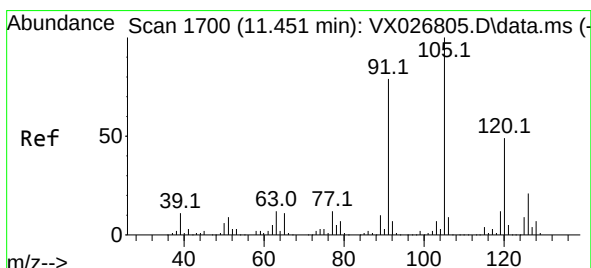
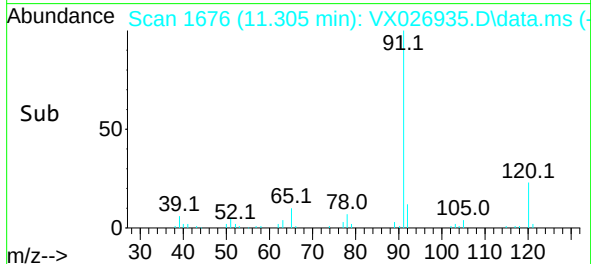
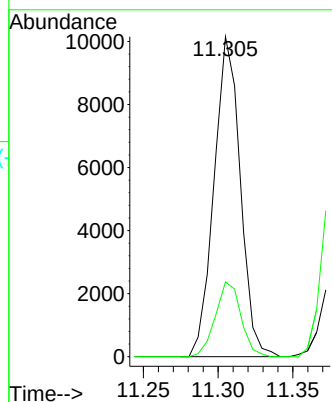
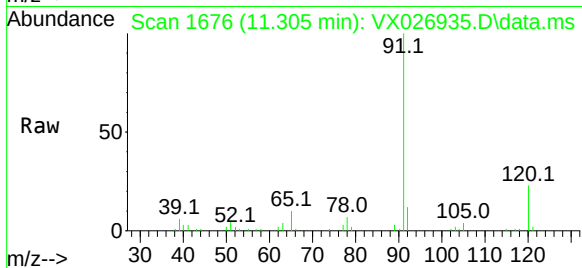




#78
n-propylbenzene
Concen: 1.895 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

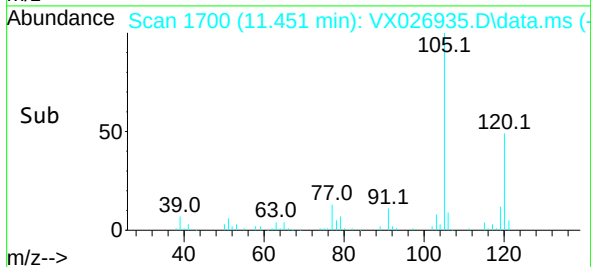
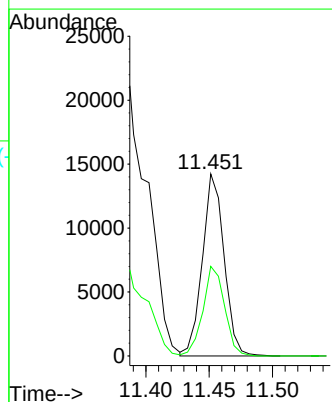
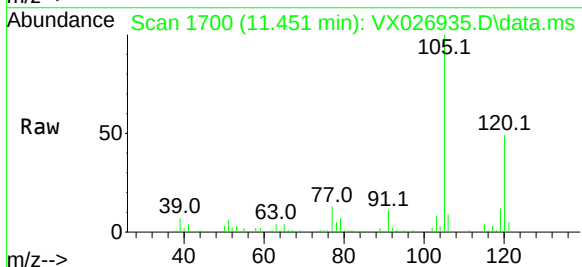
Instrument :
MSVOA_X
ClientSampleId :
20722

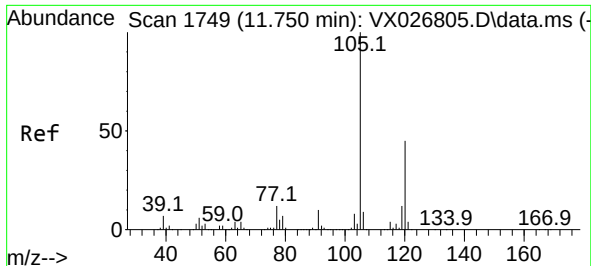
Tgt Ion: 91 Resp: 12371
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 3.516 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Tgt Ion: 105 Resp: 17044
Ion Ratio Lower Upper
105 100
120 49.1 24.0 72.0

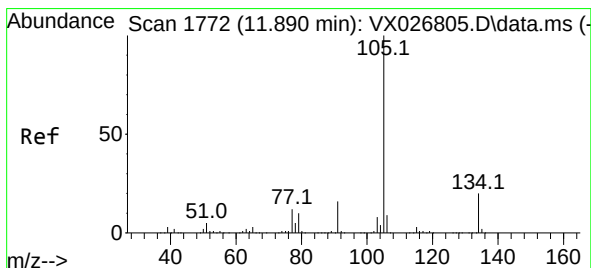
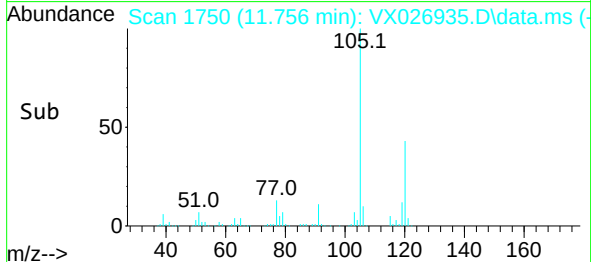
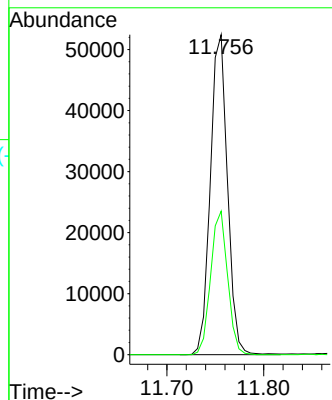
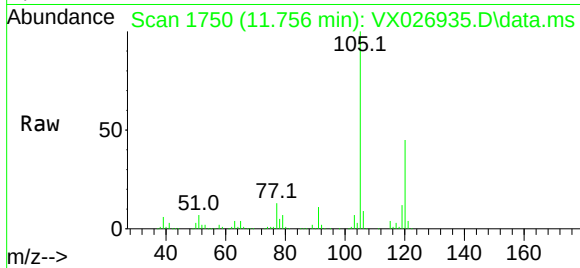




#84
1,2,4-Trimethylbenzene
Concen: 13.174 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

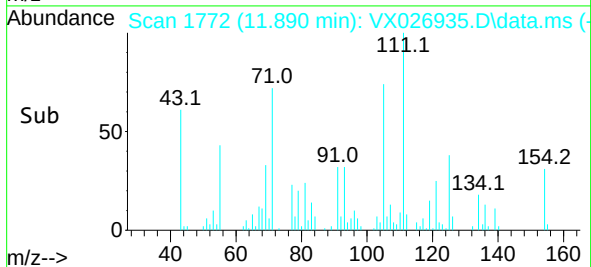
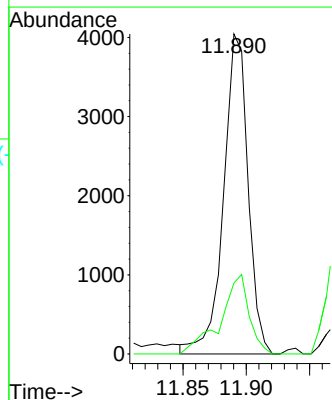
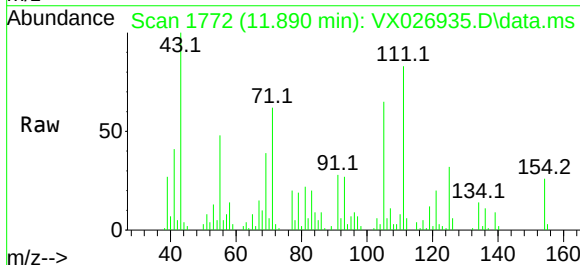
Instrument :
MSVOA_X
ClientSampleId :
20722

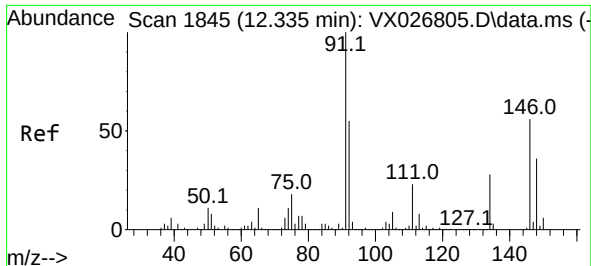
Tgt Ion:105 Resp: 64413
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.928 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX026935.D
Acq: 10 Feb 2022 20:59

Tgt Ion:105 Resp: 5436
Ion Ratio Lower Upper
105 100
134 29.1 10.1 30.1





#89

n-Butylbenzene

Concen: 2.250 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX026935.D

Acq: 10 Feb 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

20722

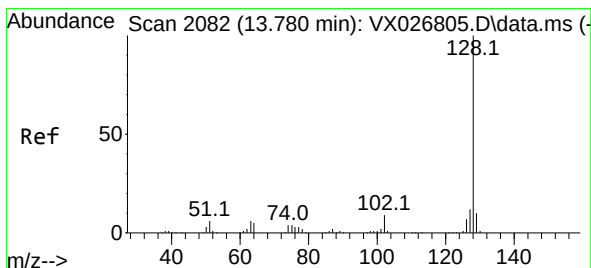
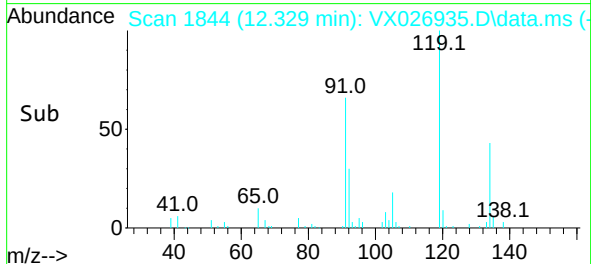
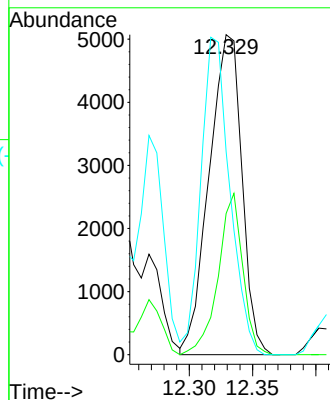
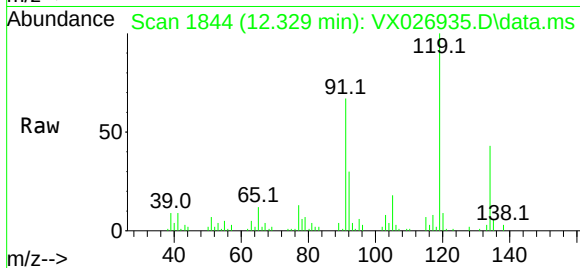
Tgt Ion: 91 Resp: 9132

Ion Ratio Lower Upper

91 100

92 37.9 27.2 81.6

134 87.2 13.1 39.1#



#95

Naphthalene

Concen: 2.675 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX026935.D

Acq: 10 Feb 2022 20:59

Tgt Ion:128 Resp: 14635

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 13.2 8.7 13.1#

