

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022295.D
 Acq On : 01 Jun 2021 17:00
 Operator : JC/MD
 Sample : M2529-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41815

Quant Time: Jun 02 03:22:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

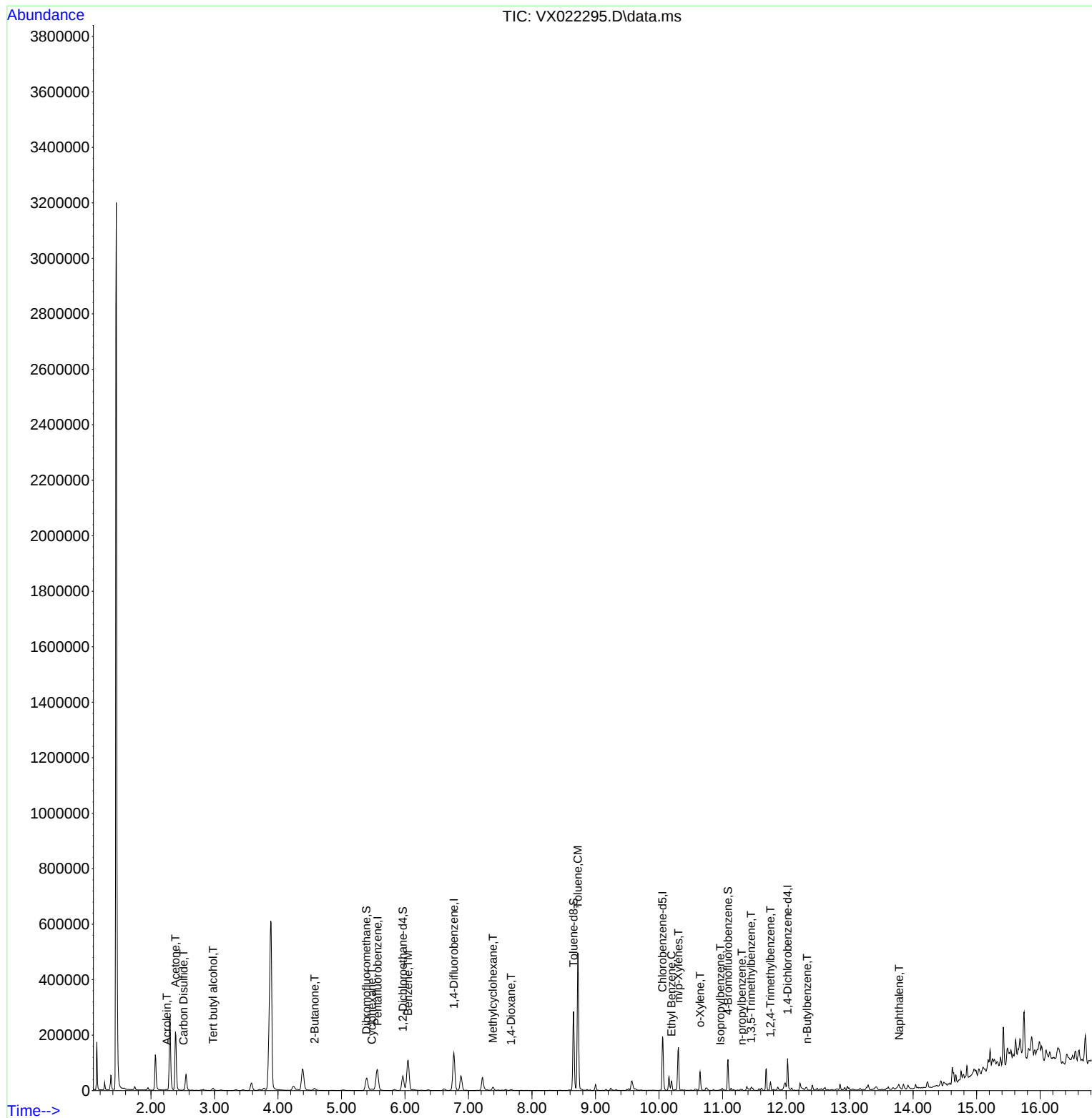
Internal Standards						
1) Pentafluorobenzene	5.568	168	66402	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	85744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	20233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	45427	44.35	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.70%		
35) Dibromofluoromethane	5.391	113	38529	44.79	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.58%		
50) Toluene-d8	8.653	98	160723	48.50	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.00%		
62) 4-Bromofluorobenzene	11.085	95	30604	24.98	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	49.96%#		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.977	59	6948	29.66	ug/l	# 94
13) Acrolein	2.252	56	2197	14.14	ug/l	91
16) Acetone	2.386	43	215492	483.16	ug/l	95
17) Carbon Disulfide	2.514	76	2657	1.33	ug/l	# 86
25) 2-Butanone	4.574	43	11853	16.43	ug/l	95
31) Cyclohexane	5.477	56	4180	3.25	ug/l	91
39) Methylcyclohexane	7.385	83	5124	3.60	ug/l	86
40) Benzene	6.050	78	134704	34.90	ug/l	98
49) 1,4-Dioxane	7.671	88	1432	63.45	ug/l	# 19
52) Toluene	8.720	92	190453	77.92	ug/l	98
67) Ethyl Benzene	10.195	91	17877	5.44	ug/l	96
68) m/p-Xylenes	10.305	106	34075	27.46	ug/l	96
69) o-Xylene	10.646	106	13203	10.94	ug/l	93
73) Isopropylbenzene	10.963	105	1380	0.81	ug/l	100
78) n-propylbenzene	11.305	91	2867	1.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	5164	3.64	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	12793	8.95	ug/l	92
89) n-Butylbenzene	12.329	91	1750	1.29	ug/l	# 54
95) Naphthalene	13.780	128	9243	5.84	ug/l	# 87

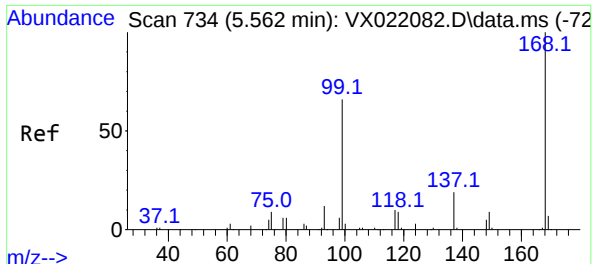
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
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41815

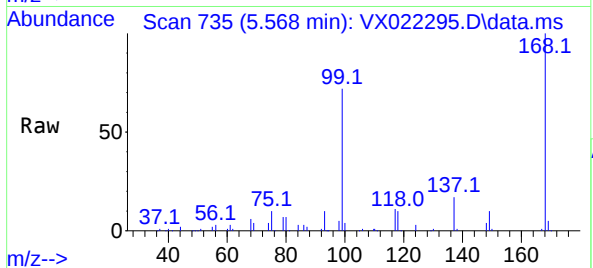
Quant Time: Jun 02 03:22:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



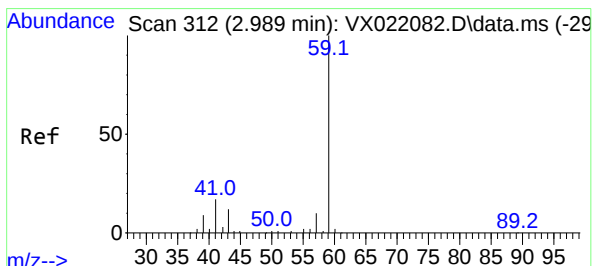
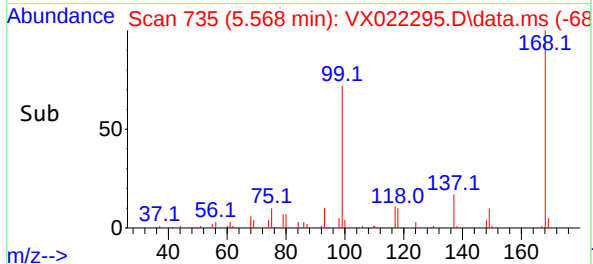
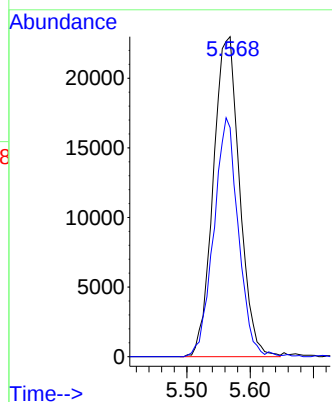


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Instrument :
MSVOA_X
ClientSampleId :
41815

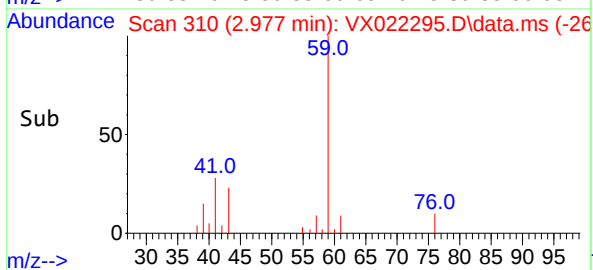
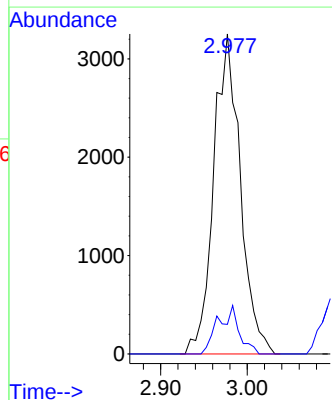
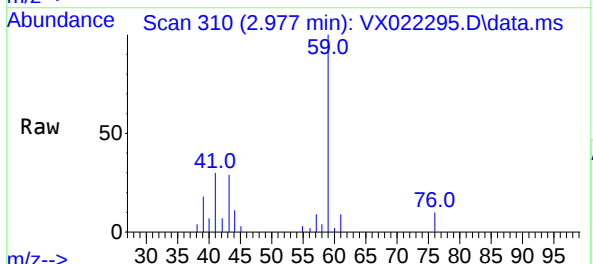


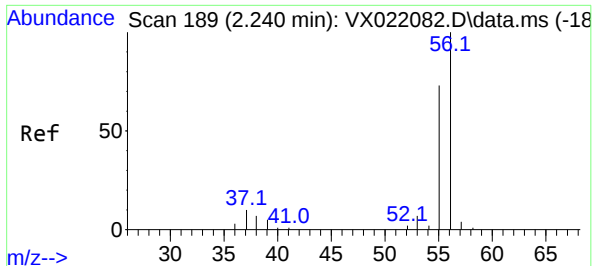
Tgt Ion:168 Resp: 66402
Ion Ratio Lower Upper
168 100
99 71.5 45.8 68.6#



#11
Tert butyl alcohol
Concen: 29.66 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Tgt Ion: 59 Resp: 6948
Ion Ratio Lower Upper
59 100
57 12.0 7.8 11.8#

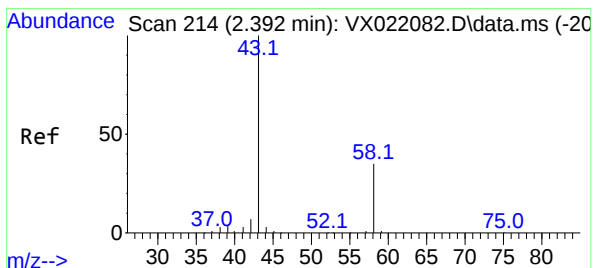
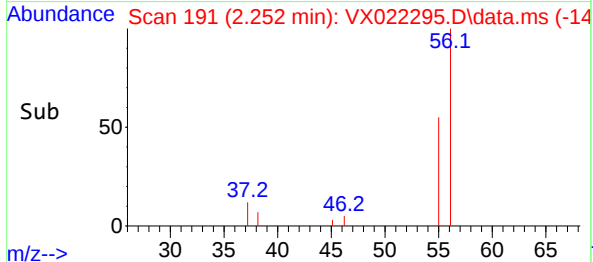
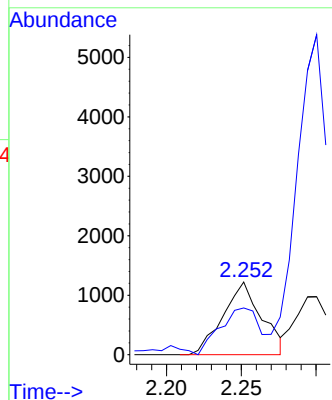
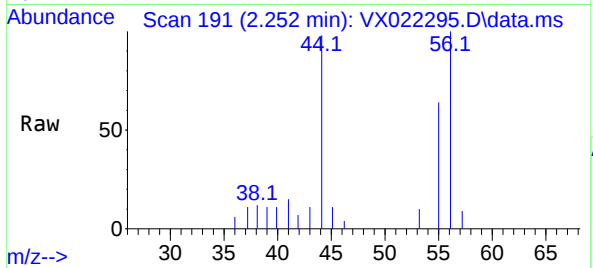




#13
Acrolein
Concen: 14.14 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

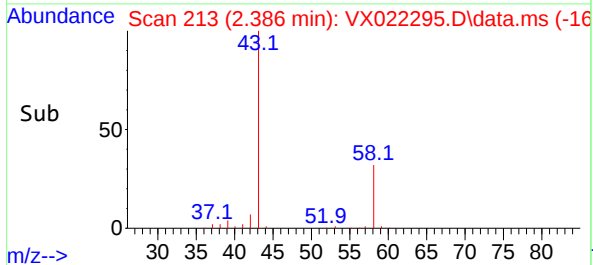
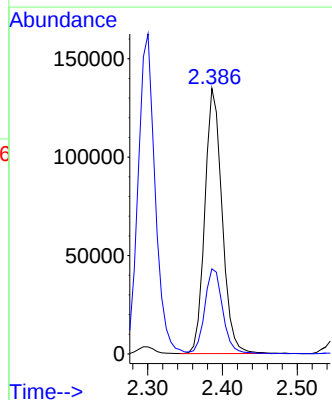
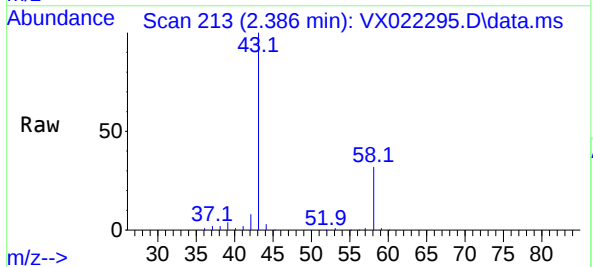
Instrument :
MSVOA_X
ClientSampled :
41815

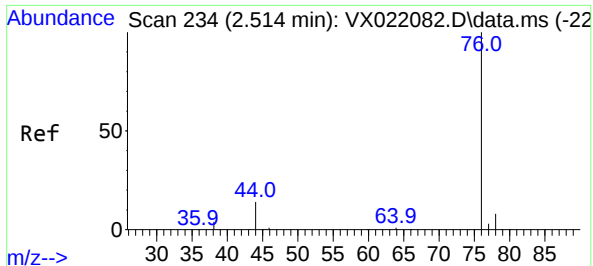
Tgt Ion: 56 Resp: 2197
Ion Ratio Lower Upper
56 100
55 62.9 56.4 84.6



#16
Acetone
Concen: 483.16 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Tgt Ion: 43 Resp: 215492
Ion Ratio Lower Upper
43 100
58 31.8 27.8 41.8

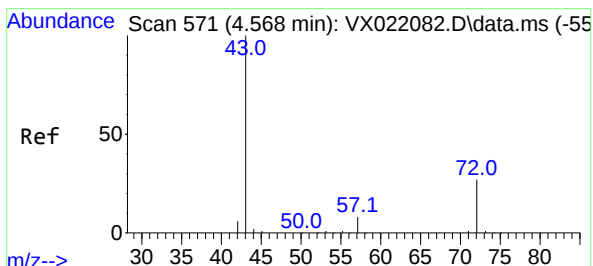
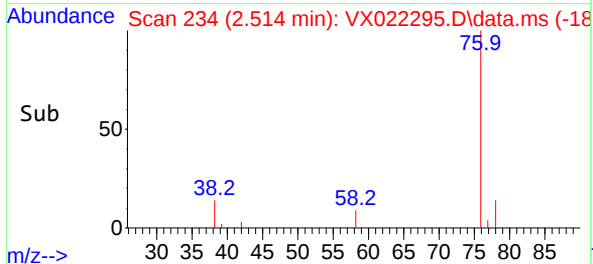
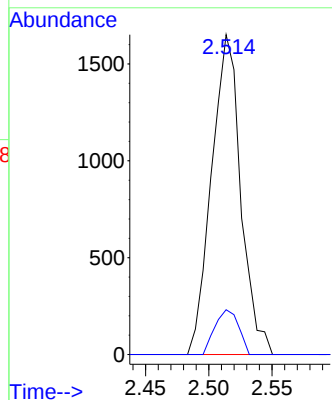
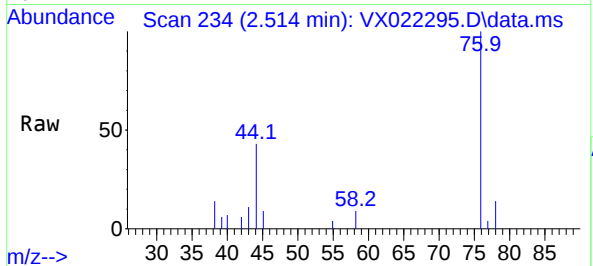




#17
Carbon Disulfide
Concen: 1.33 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

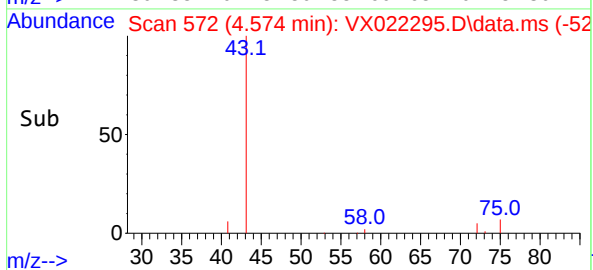
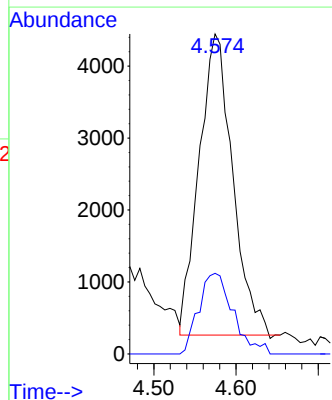
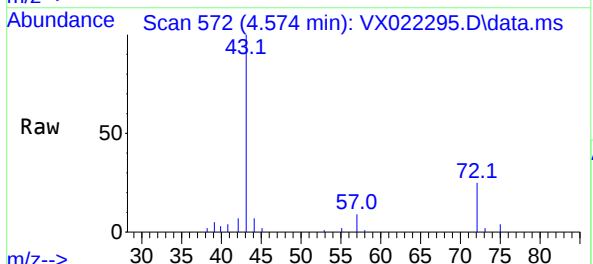
Instrument :
MSVOA_X
ClientSampleId :
41815

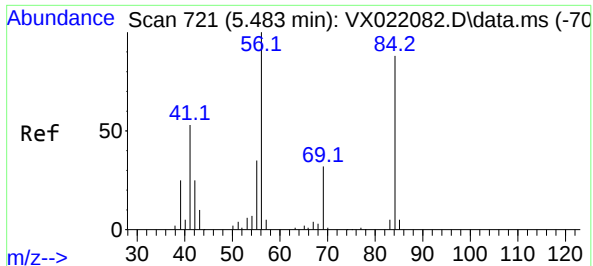
Tgt Ion: 76 Resp: 2657
Ion Ratio Lower Upper
76 100
78 14.1 7.2 10.8#



#25
2-Butanone
Concen: 16.43 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Tgt Ion: 43 Resp: 11853
Ion Ratio Lower Upper
43 100
72 26.8 23.7 35.5

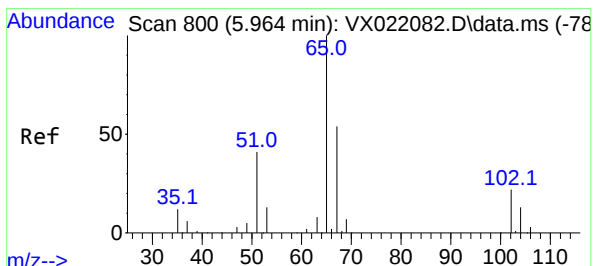
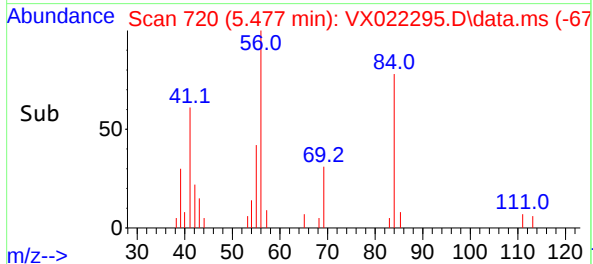
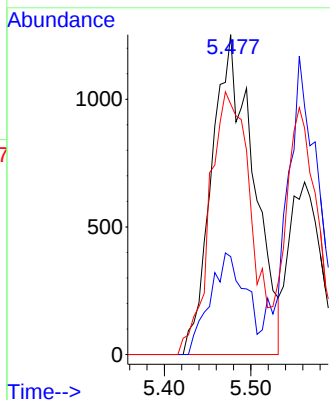
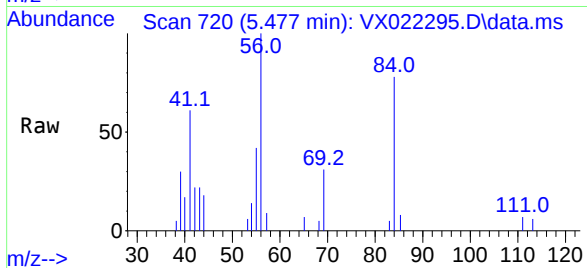




#31
Cyclohexane
Concen: 3.25 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

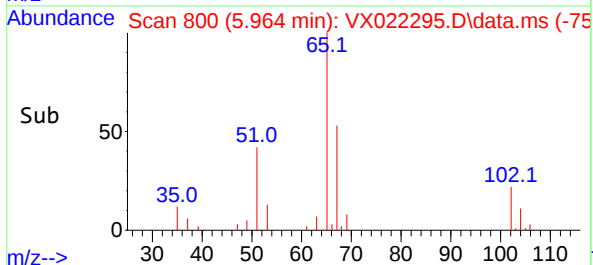
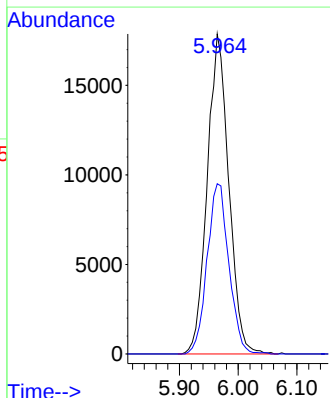
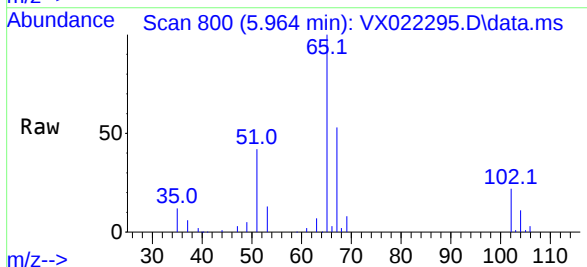
Instrument :
MSVOA_X
ClientSampleId :
41815

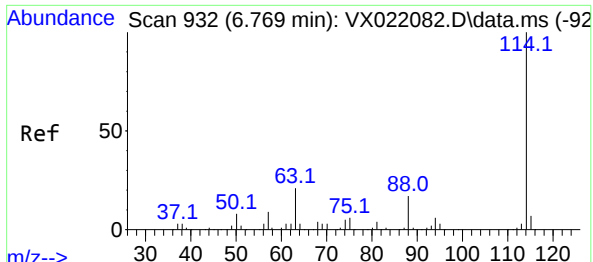
Tgt Ion: 56 Resp: 4180
Ion Ratio Lower Upper
56 100
69 30.6 25.3 37.9
84 78.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 44.35 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Tgt Ion: 65 Resp: 45427
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.4

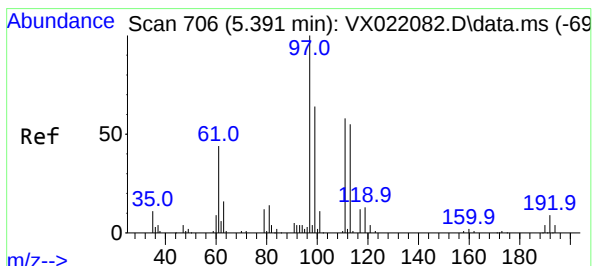
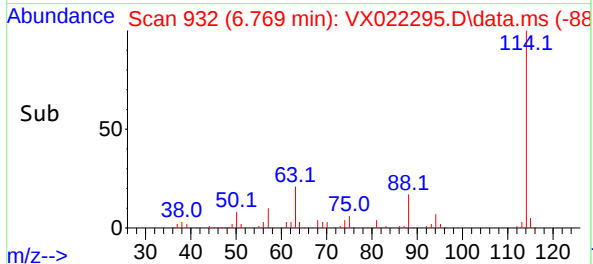
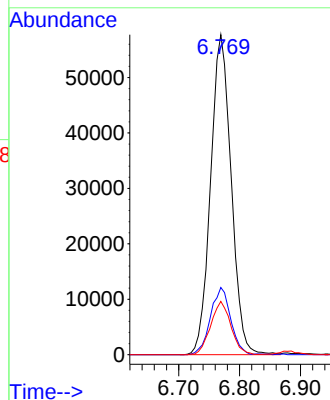
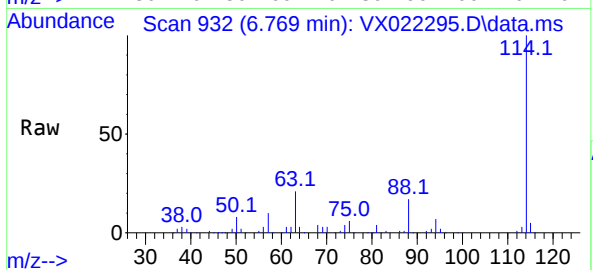




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

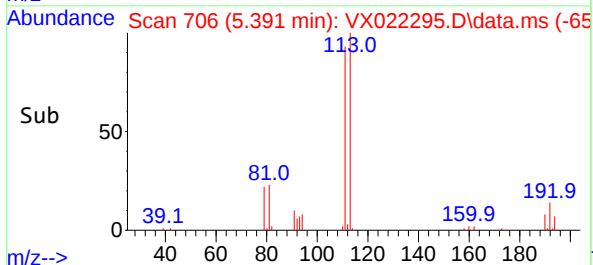
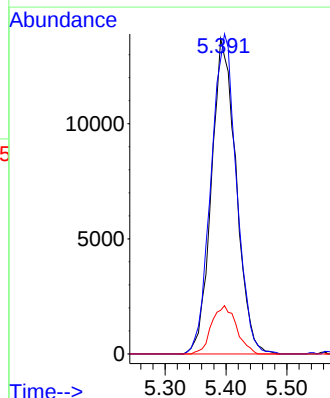
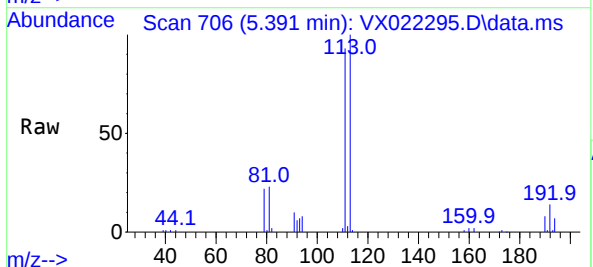
Instrument :
MSVOA_X
ClientSampleId :
41815

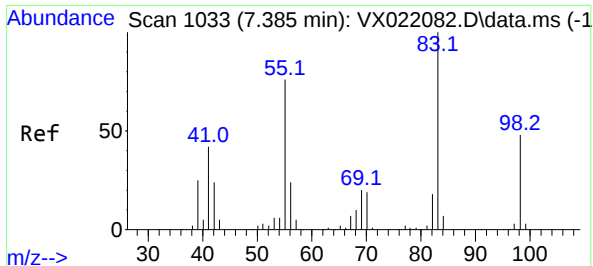
Tgt Ion:114 Resp: 135662
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 44.79 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Tgt Ion:113 Resp: 38529
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 15.5 16.7 25.1#





#39

Methylcyclohexane

Concen: 3.60 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX022295.D

Acq: 01 Jun 2021 17:00

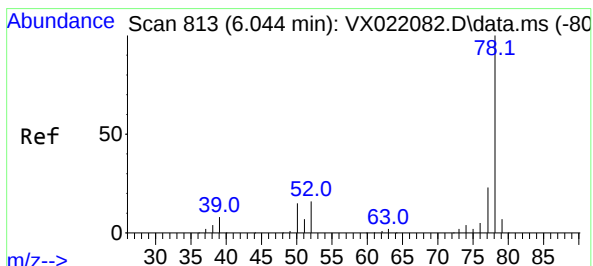
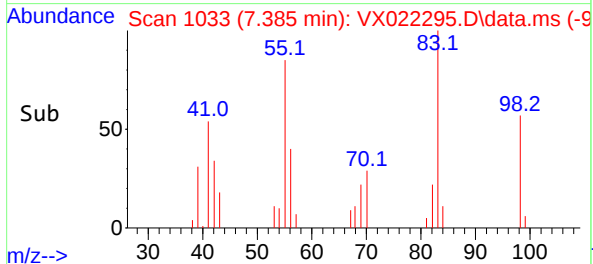
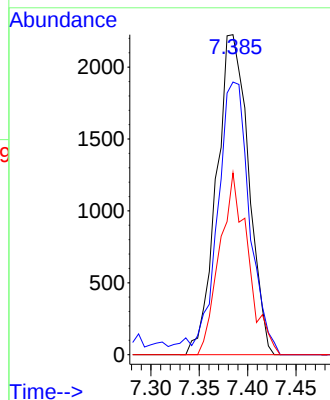
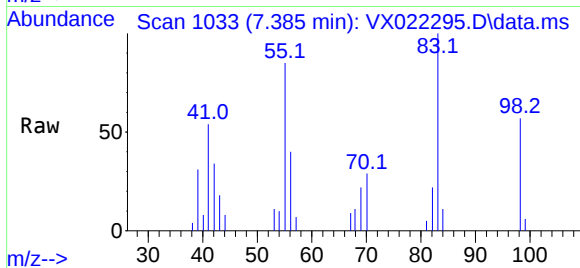
Tgt Ion: 83 Resp: 5124

Ion Ratio Lower Upper

83 100

55 85.2 58.9 88.3

98 56.8 38.1 57.1



#40

Benzene

Concen: 34.90 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX022295.D

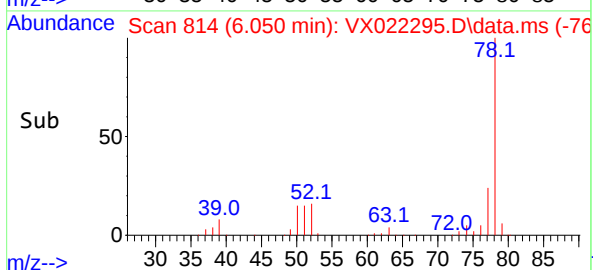
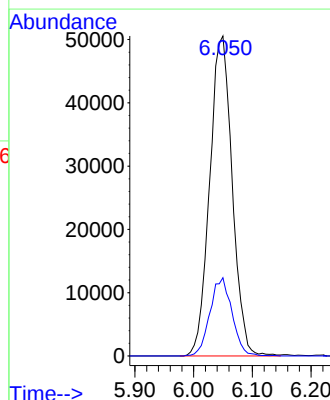
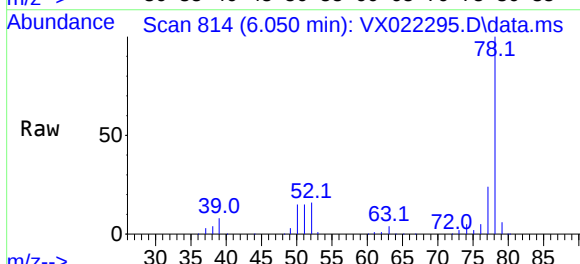
Acq: 01 Jun 2021 17:00

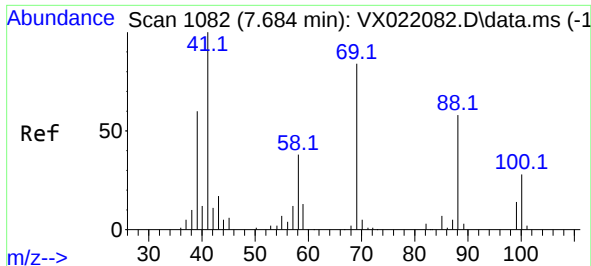
Tgt Ion: 78 Resp: 134704

Ion Ratio Lower Upper

78 100

77 24.4 18.9 28.3

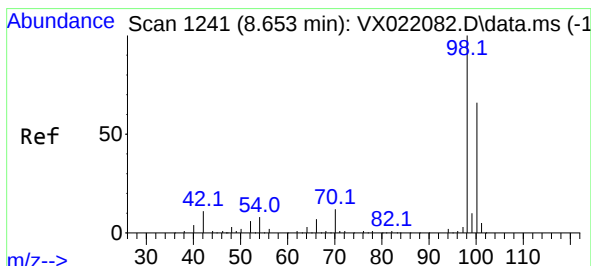
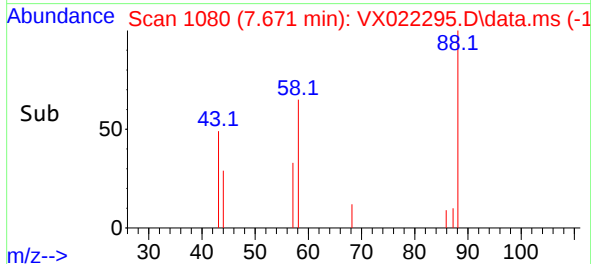
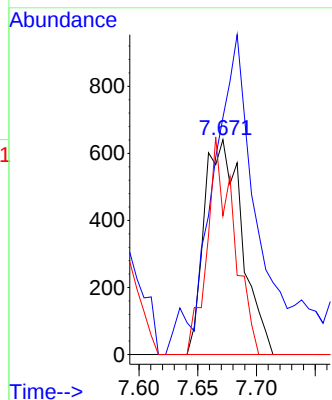
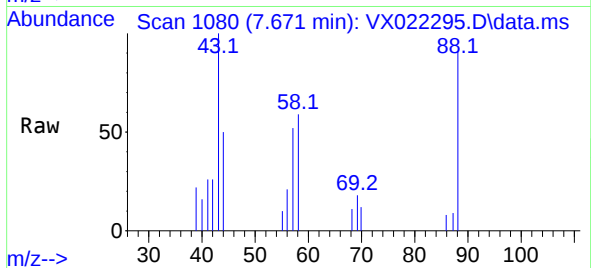




#49
1,4-Dioxane
Concen: 63.45 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.013 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

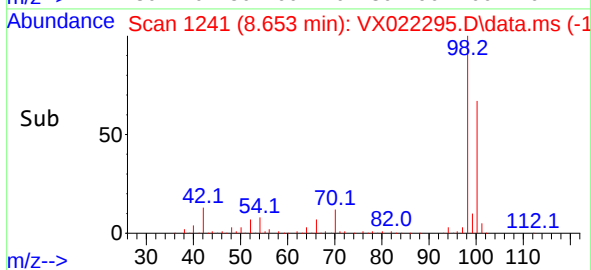
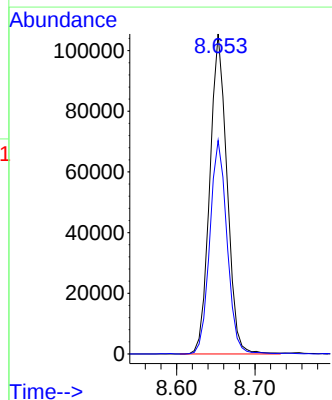
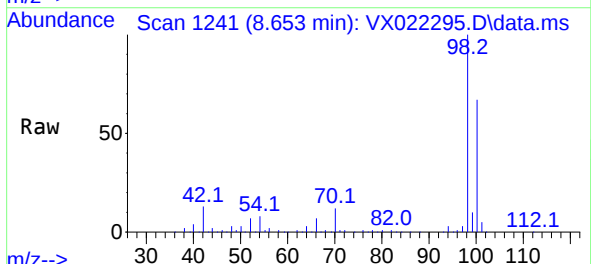
Instrument :
MSVOA_X
ClientSampled :
41815

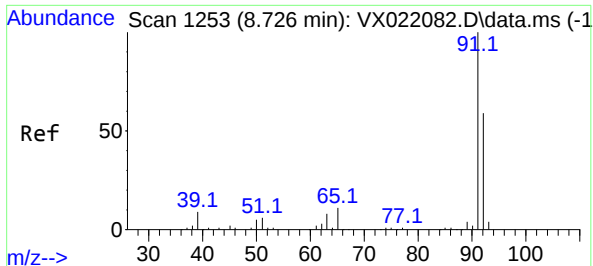
Tgt Ion: 88 Resp: 1432
Ion Ratio Lower Upper
88 100
43 170.0 23.2 34.8#
58 71.2 55.0 82.4



#50
Toluene-d8
Concen: 48.50 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Tgt Ion: 98 Resp: 160723
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

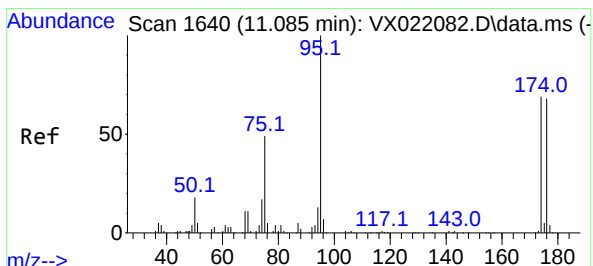
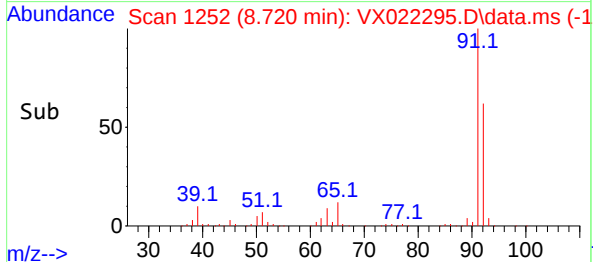
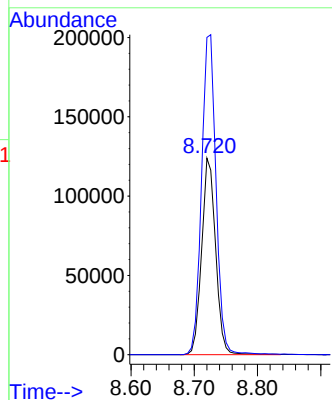
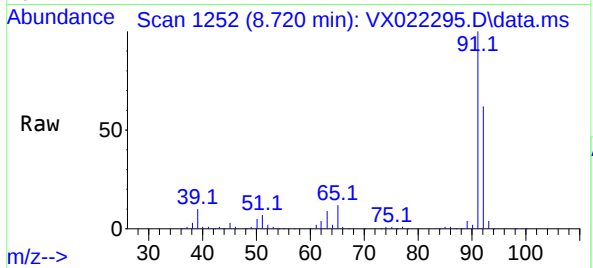




#52
Toluene
Concen: 77.92 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

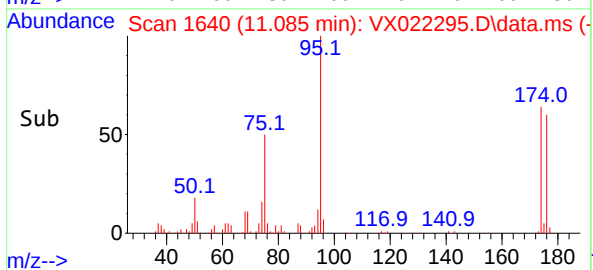
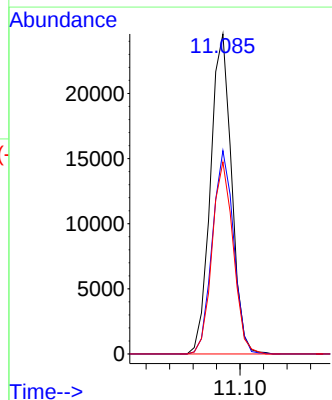
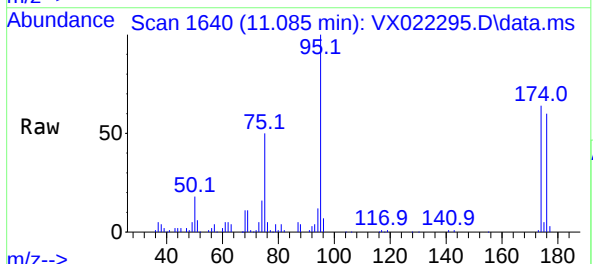
Instrument :
MSVOA_X
ClientSampled :
41815

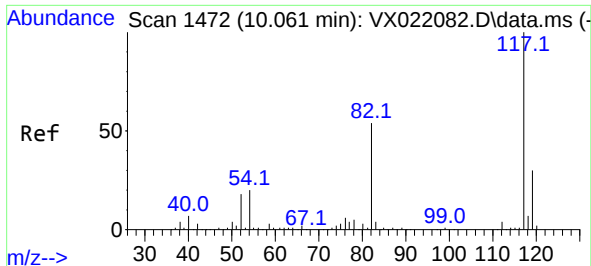
Tgt Ion: 92 Resp: 190453
Ion Ratio Lower Upper
92 100
91 168.9 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 24.98 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Tgt Ion: 95 Resp: 30604
Ion Ratio Lower Upper
95 100
174 64.2 0.0 154.6
176 60.1 0.0 155.8

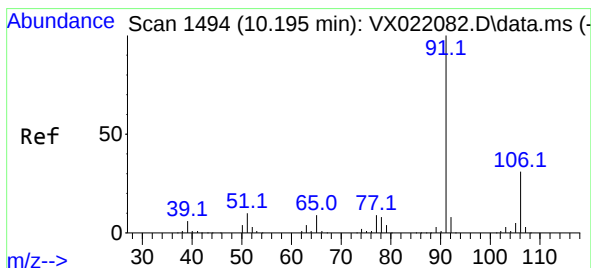
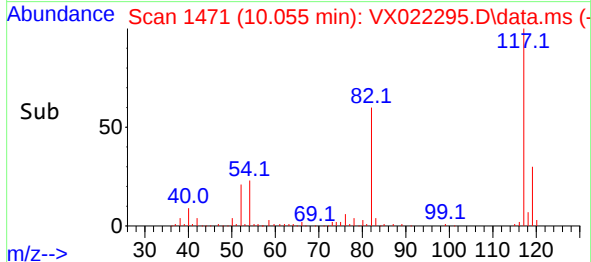
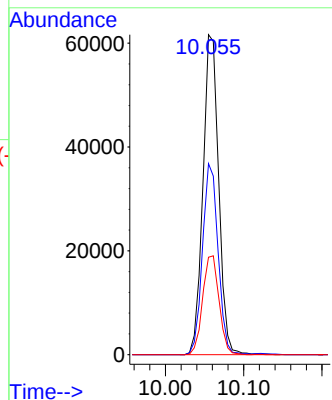
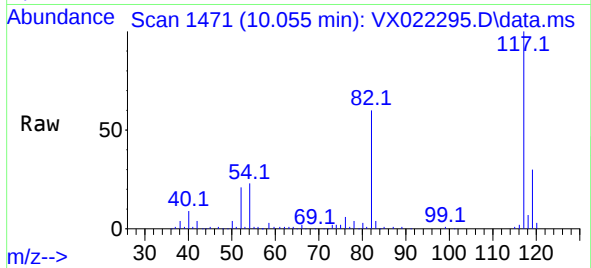




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

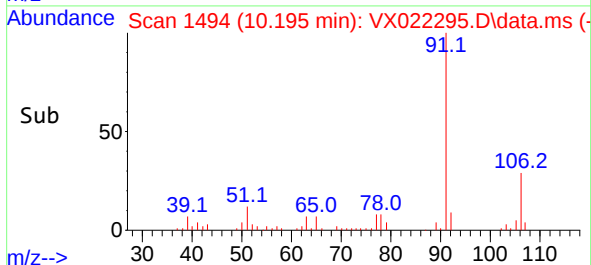
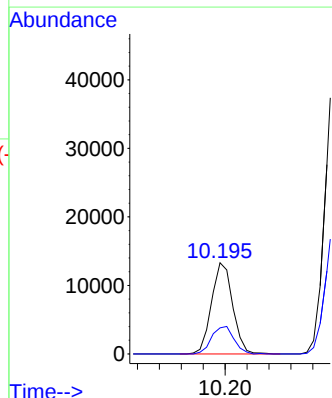
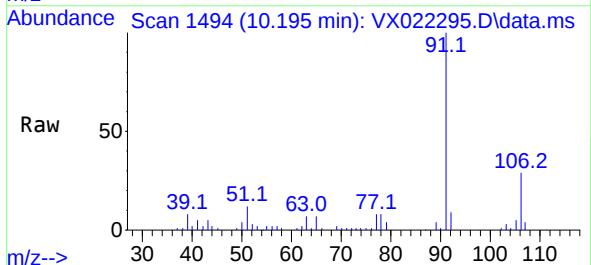
Instrument :
MSVOA_X
ClientSampled :
41815

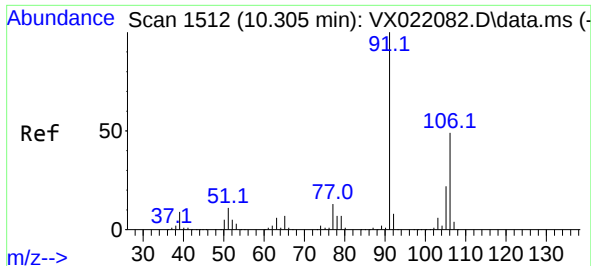
Tgt Ion:117 Resp: 85744
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 30.4 26.6 39.8



#67
Ethyl Benzene
Concen: 5.44 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Tgt Ion: 91 Resp: 17877
Ion Ratio Lower Upper
91 100
106 28.7 24.6 37.0

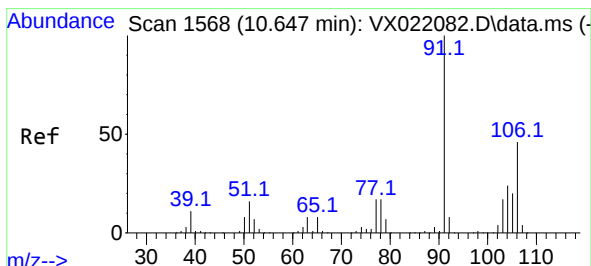
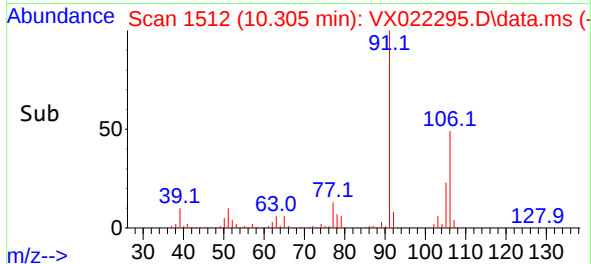
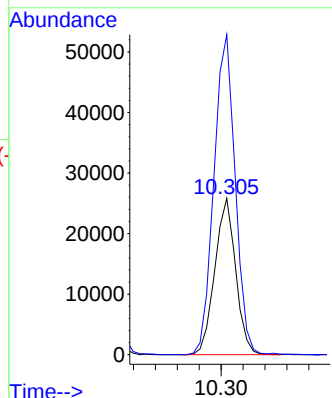
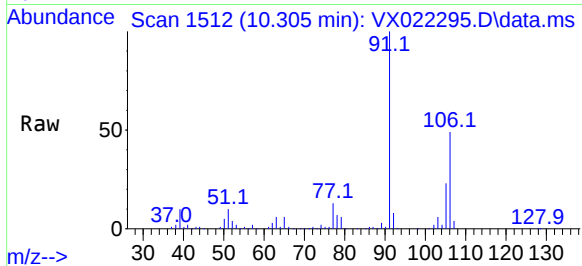




#68
m/p-Xylenes
Concen: 27.46 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

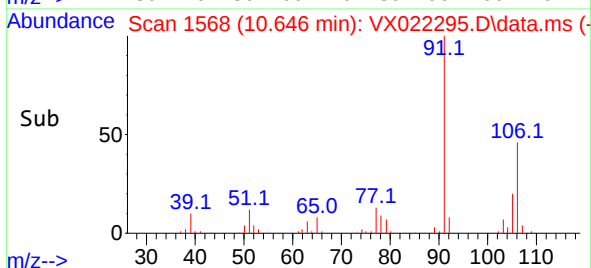
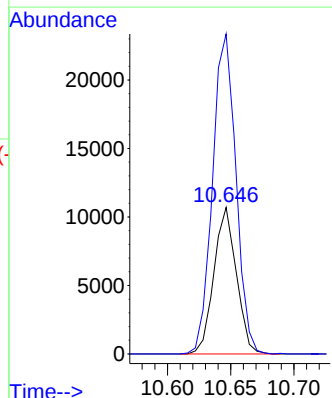
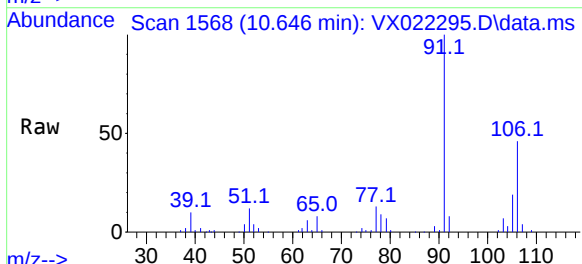
Instrument :
MSVOA_X
ClientSampled :
41815

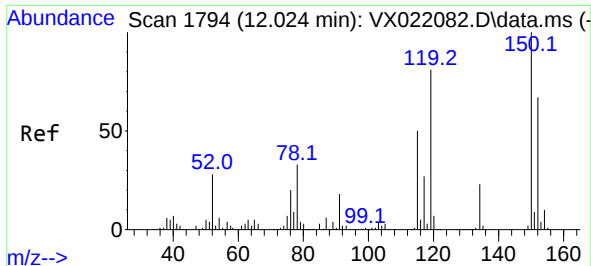
Tgt Ion:106 Resp: 34075
Ion Ratio Lower Upper
106 100
91 209.6 162.8 244.2



#69
o-Xylene
Concen: 10.94 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Tgt Ion:106 Resp: 13203
Ion Ratio Lower Upper
106 100
91 227.6 108.1 324.2

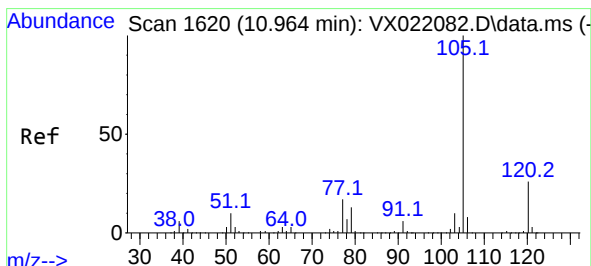
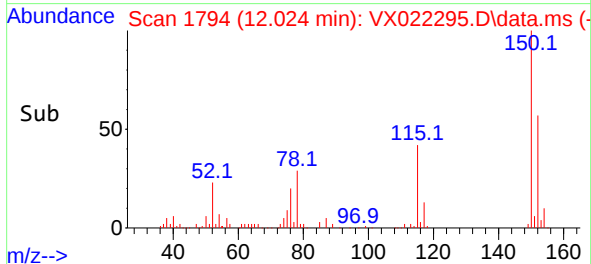
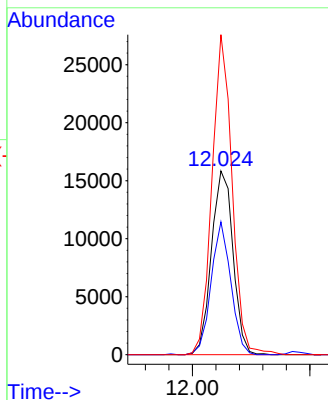
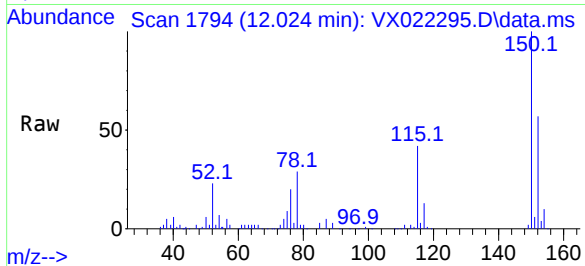




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

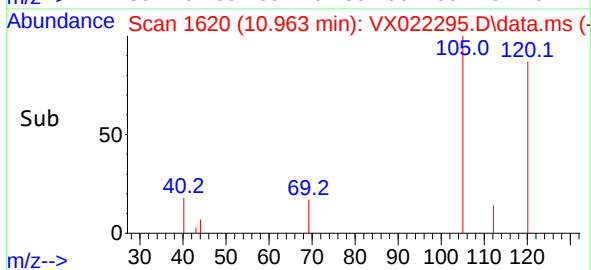
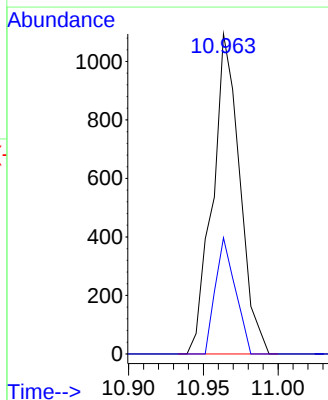
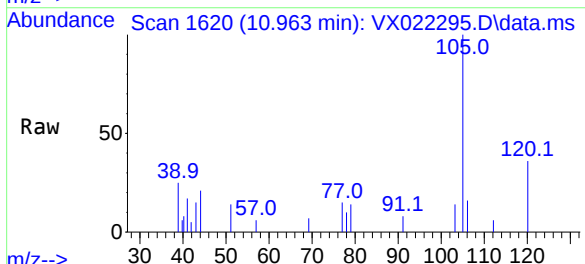
Instrument :
MSVOA_X
ClientSampled :
41815

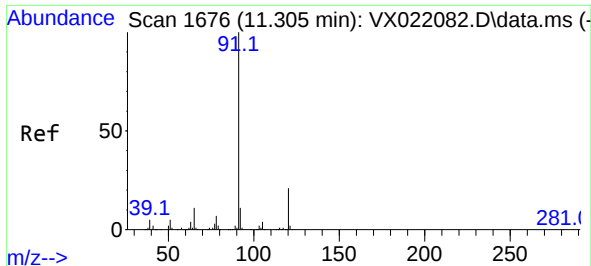
Tgt Ion:152 Resp: 20233
Ion Ratio Lower Upper
152 100
115 65.9 41.1 123.3
150 162.0 0.0 349.0



#73
Isopropylbenzene
Concen: 0.81 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Tgt Ion:105 Resp: 1380
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

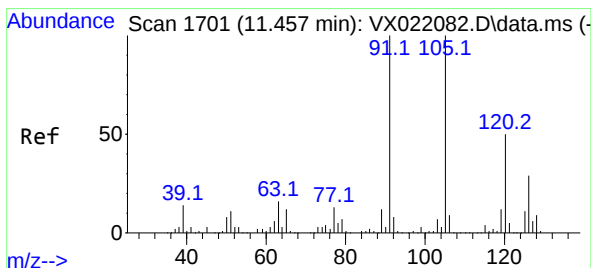
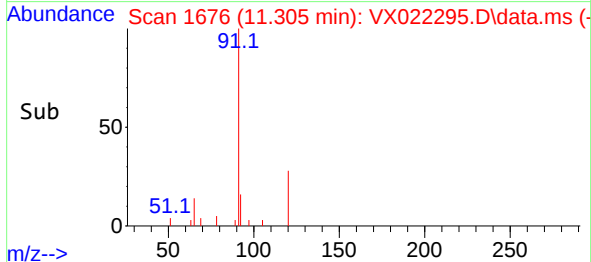
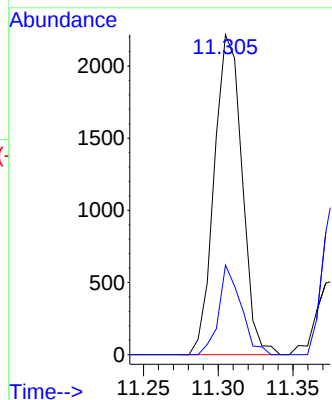
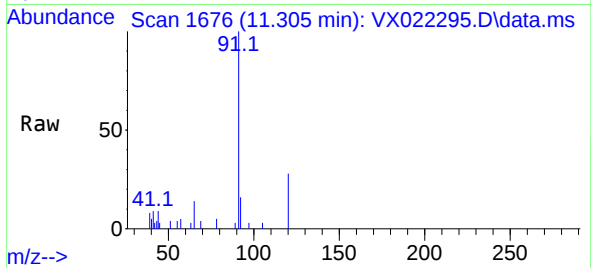




#78
n-propylbenzene
Concen: 1.43 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

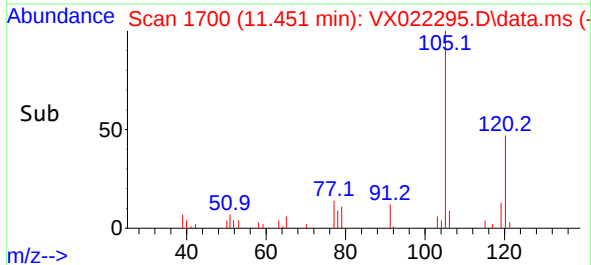
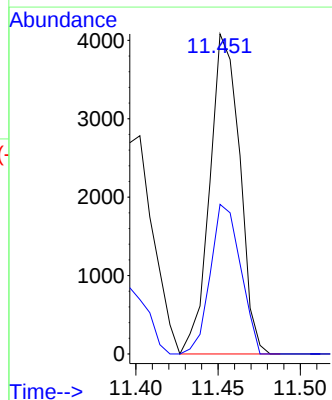
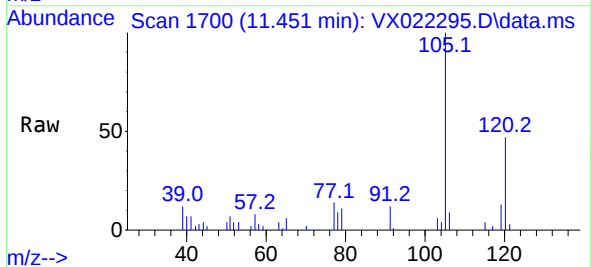
Instrument :
MSVOA_X
ClientSampled :
41815

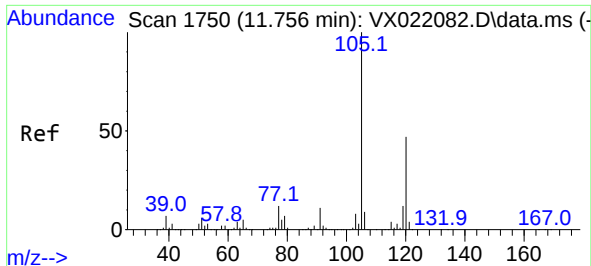
Tgt Ion: 91 Resp: 2867
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 3.64 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Tgt Ion: 105 Resp: 5164
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5

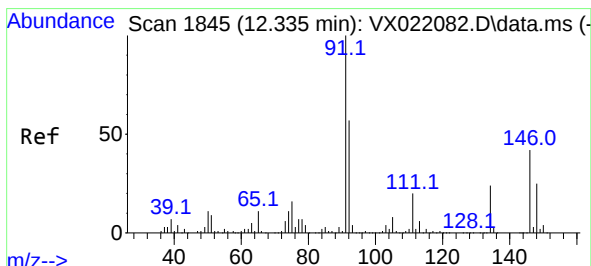
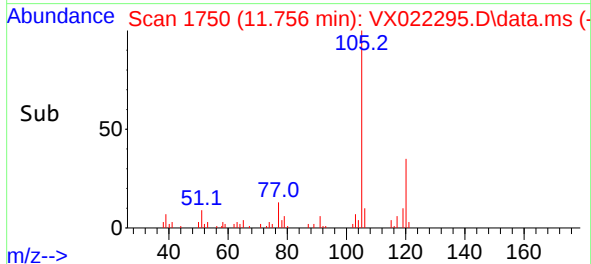
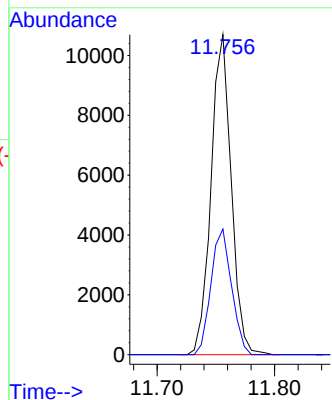
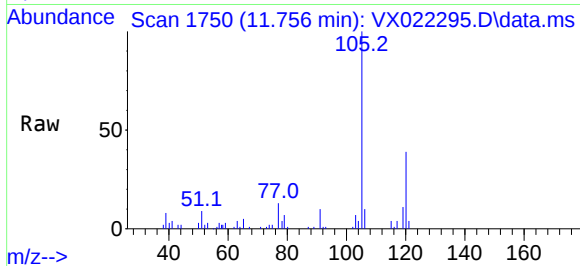




#84
1,2,4-Trimethylbenzene
Concen: 8.95 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

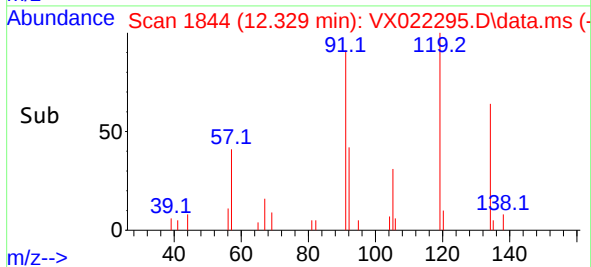
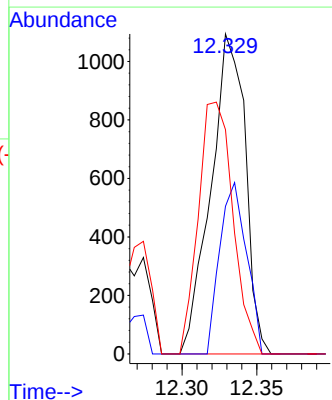
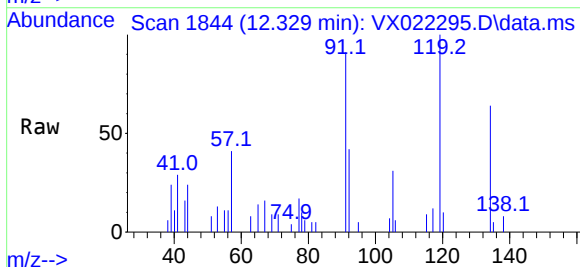
Instrument :
MSVOA_X
ClientSampled :
41815

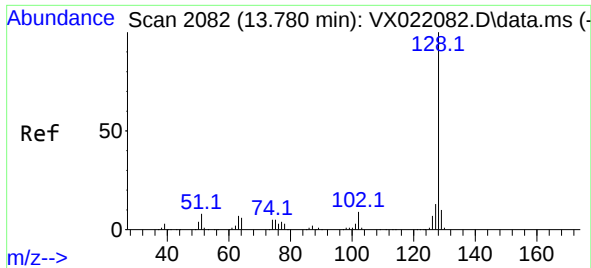
Tgt Ion:105 Resp: 12793
Ion Ratio Lower Upper
105 100
120 40.0 22.4 67.3



#89
n-Butylbenzene
Concen: 1.29 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

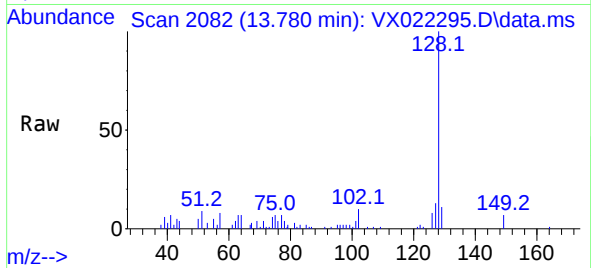
Tgt Ion: 91 Resp: 1750
Ion Ratio Lower Upper
91 100
92 41.8 27.4 82.0
134 79.3 13.2 39.5#





#95
Naphthalene
Concen: 5.84 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022295.D
Acq: 01 Jun 2021 17:00

Instrument :
MSVOA_X
ClientSampleId :
41815



Tgt Ion:128 Resp: 9243
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 0.0 8.8 13.2#

