

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022283.D
 Acq On : 29 May 2021 04:15
 Operator : JC/MD
 Sample : M2518-05 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 118-119

Quant Time: May 29 05:07:21 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)

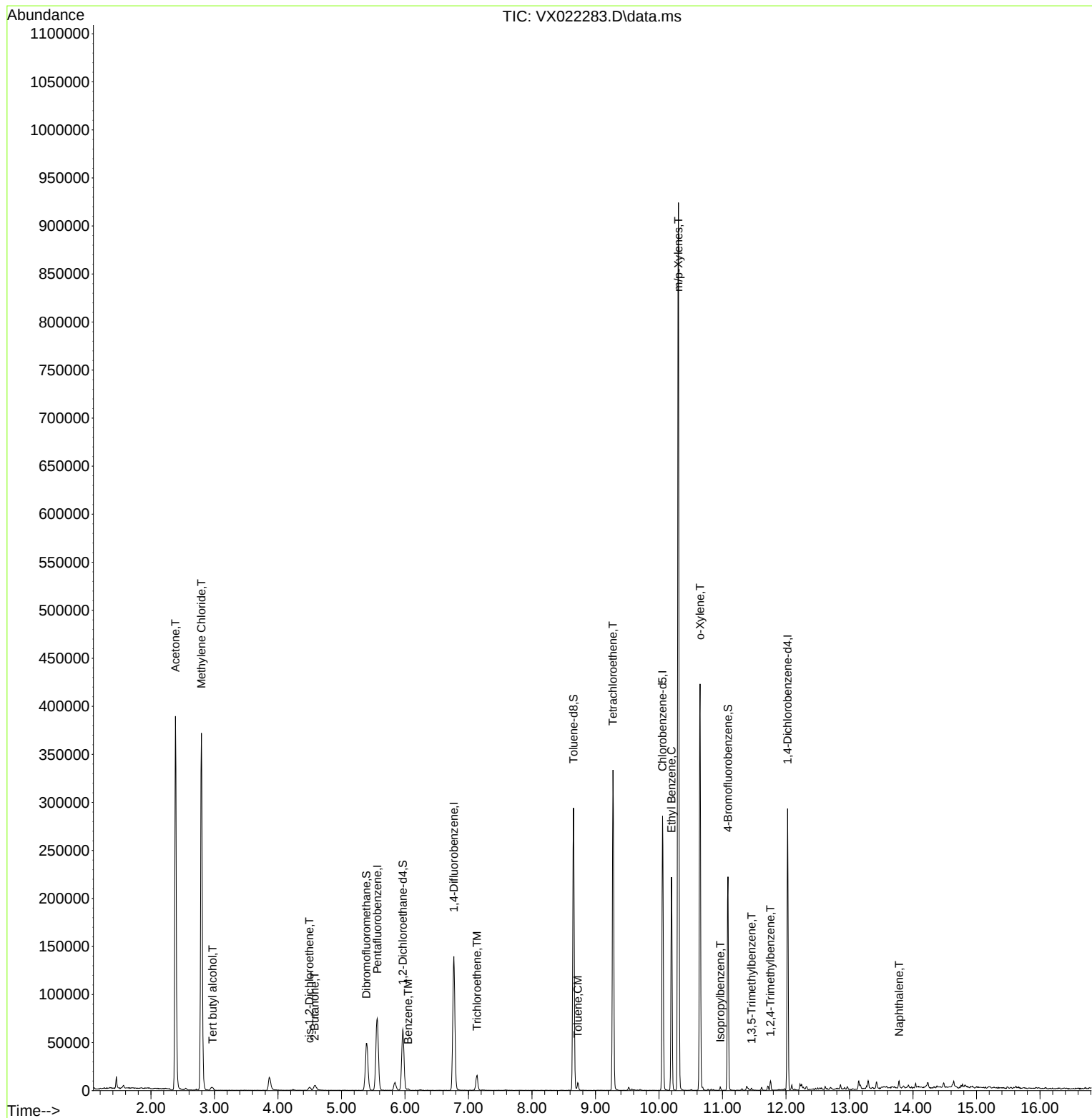
Internal Standards						
1) Pentafluorobenzene	5.562	168	65030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	139804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56185	56.01	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	112.02%		
35) Dibromofluoromethane	5.391	113	42494	47.93	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.86%		
50) Toluene-d8	8.653	98	170219	49.84	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.68%		
62) 4-Bromofluorobenzene	11.086	95	61430	48.66	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.32%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	3556	15.50	ug/l #	86
16) Acetone	2.386	43	392603	898.83	ug/l	97
20) Methylene Chloride	2.794	84	157302	162.20	ug/l	91
25) 2-Butanone	4.574	43	5837	8.26	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	2057	2.09	ug/l	96
40) Benzene	6.050	78	1691	0.43	ug/l	93
44) Trichloroethene	7.135	130	5163	5.22	ug/l	87
52) Toluene	8.720	92	2931	1.16	ug/l	83
64) Tetrachloroethene	9.275	164	56153	68.13	ug/l #	89
67) Ethyl Benzene	10.195	91	127342	26.49	ug/l	97
68) m/p-Xylenes	10.305	106	213262	117.37	ug/l	98
69) o-Xylene	10.647	106	89990	50.92	ug/l	99
73) Isopropylbenzene	10.964	105	1712	0.39	ug/l	90
80) 1,3,5-Trimethylbenzene	11.457	105	981	0.27	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	4303	1.18	ug/l	99
95) Naphthalene	13.780	128	4629	1.15	ug/l #	94

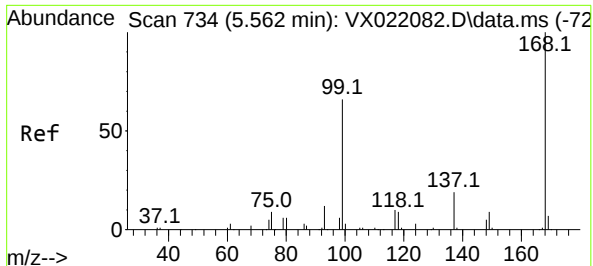
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 29 05:07:21 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

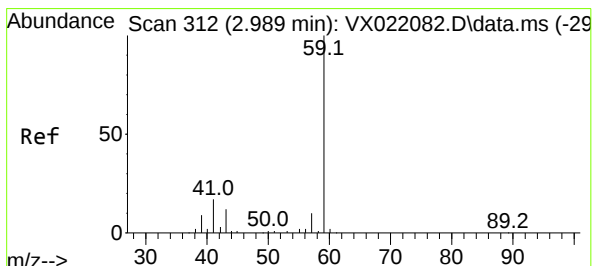
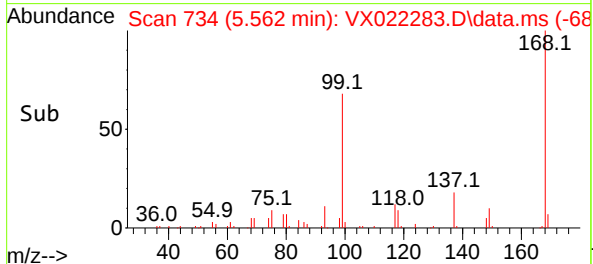
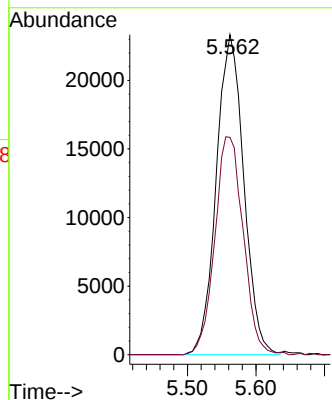
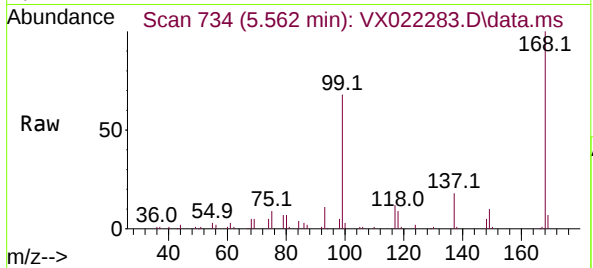




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

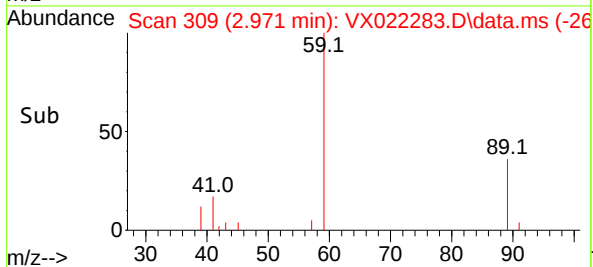
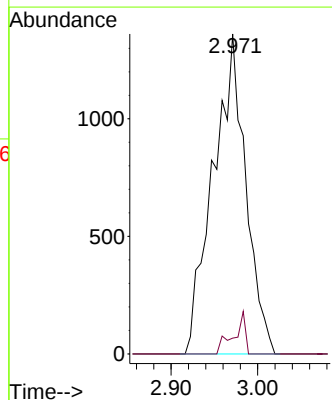
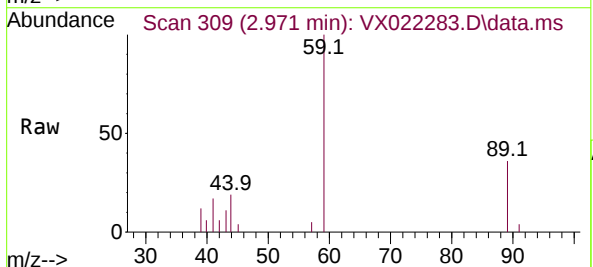
Instrument :
MSVOA_X
ClientSampleId :
118-119

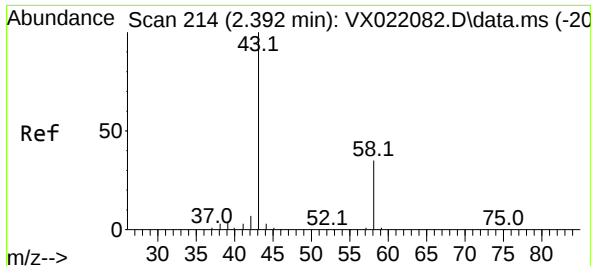
Tgt Ion:168 Resp: 65030
Ion Ratio Lower Upper
168 100
99 67.9 45.8 68.6



#11
Tert butyl alcohol
Concen: 15.50 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Tgt Ion: 59 Resp: 3556
Ion Ratio Lower Upper
59 100
57 4.7 7.8 11.8#

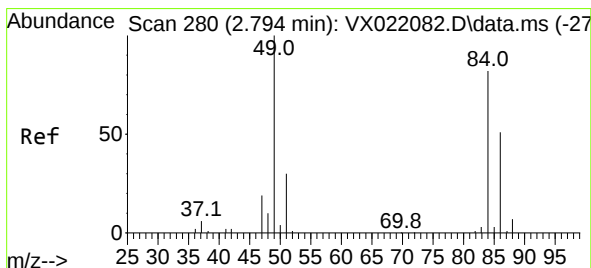
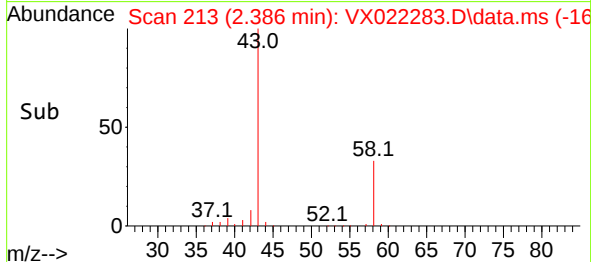
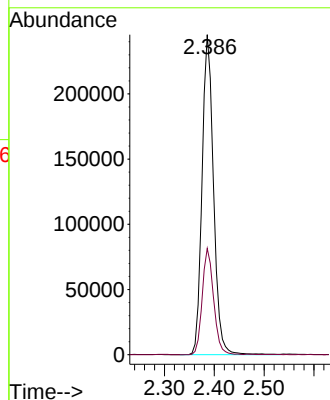
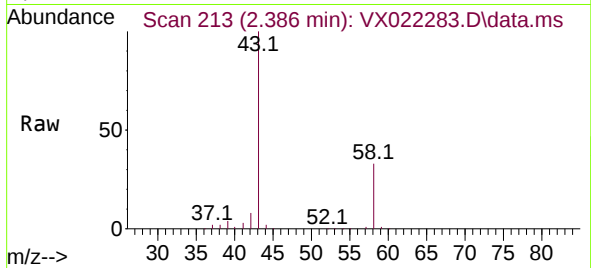




#16
Acetone
Concen: 898.83 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

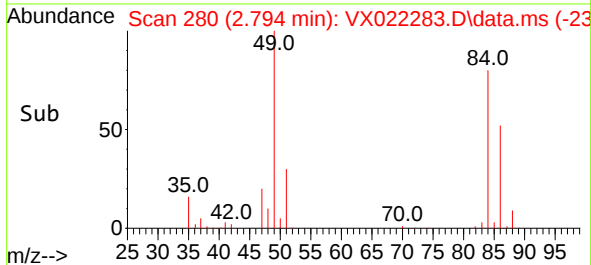
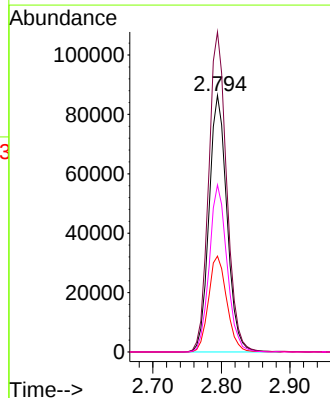
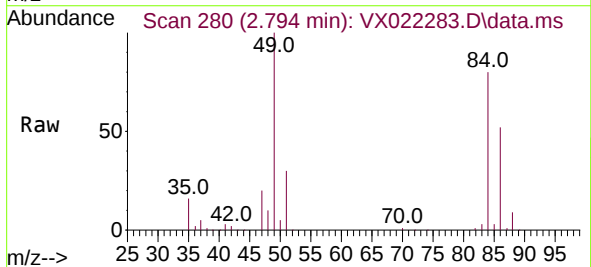
Instrument :
MSVOA_X
ClientSampleId :
118-119

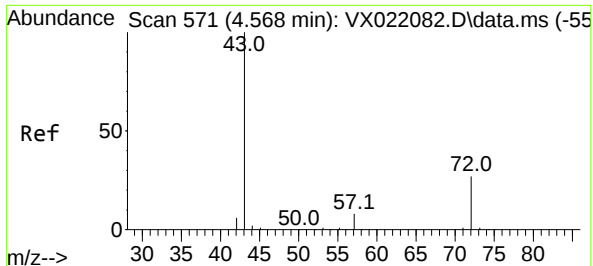
Tgt Ion: 43 Resp: 392603
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8



#20
Methylene Chloride
Concen: 162.20 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Tgt Ion: 84 Resp: 157302
Ion Ratio Lower Upper
84 100
49 124.7 88.6 132.8
51 37.4 27.0 40.6
86 65.1 50.3 75.5

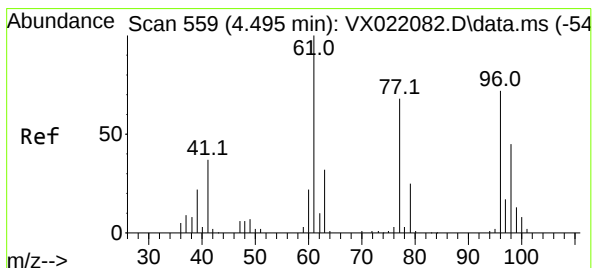
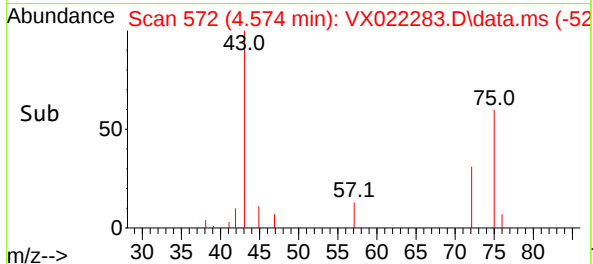
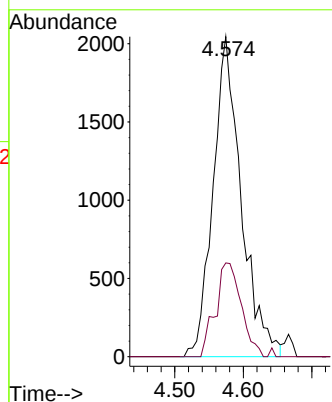
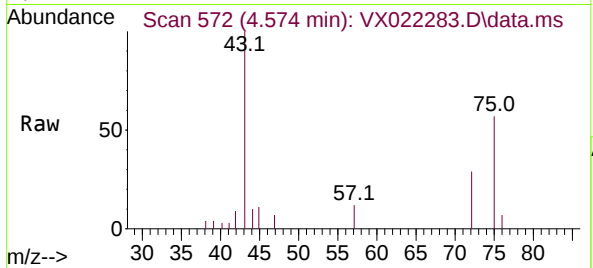




#25
2-Butanone
Concen: 8.26 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

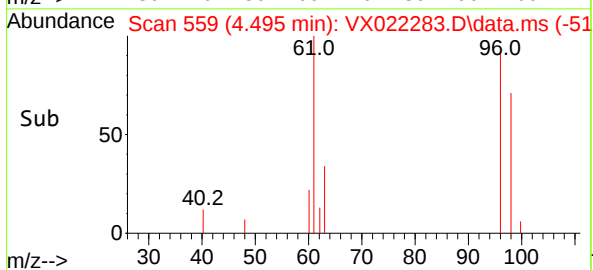
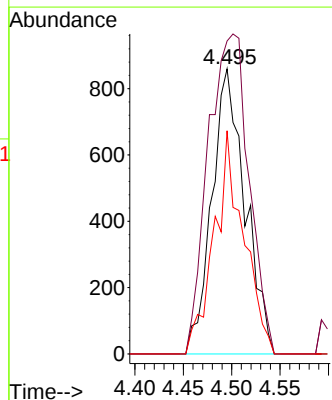
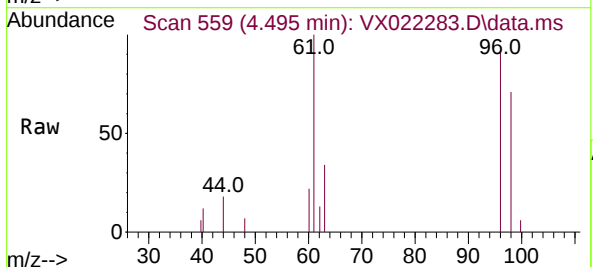
Instrument :
MSVOA_X
ClientSampled :
118-119

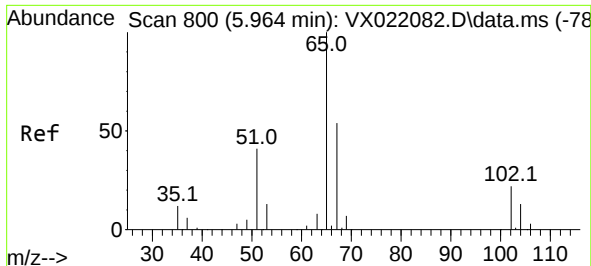
Tgt Ion: 43 Resp: 5837
Ion Ratio Lower Upper
43 100
72 29.3 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 2.09 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Tgt Ion: 96 Resp: 2057
Ion Ratio Lower Upper
96 100
61 138.0 0.0 285.6
98 69.1 0.0 129.6

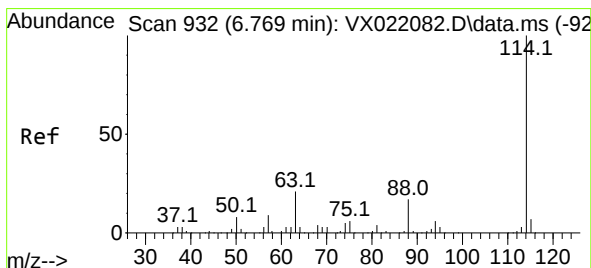
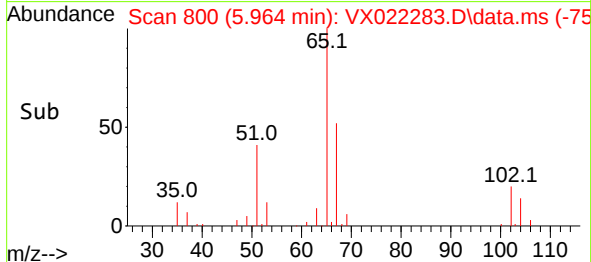
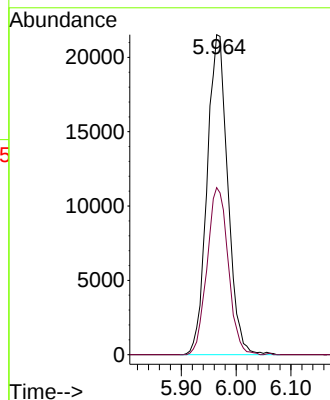
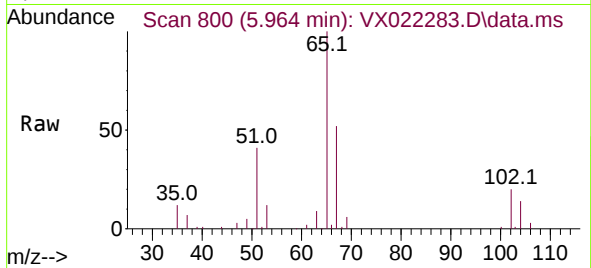




#33
1,2-Dichloroethane-d4
Concen: 56.01 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

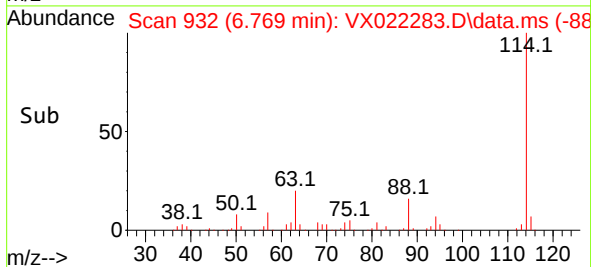
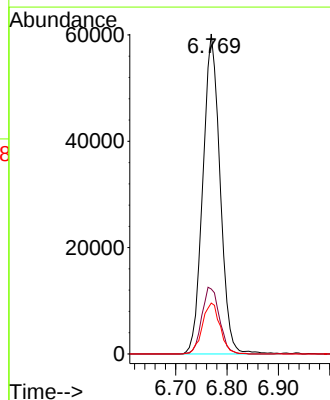
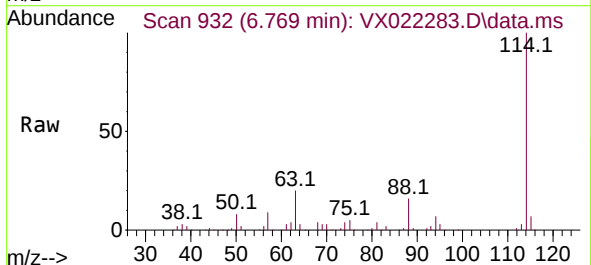
Instrument :
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ClientSampleId :
118-119

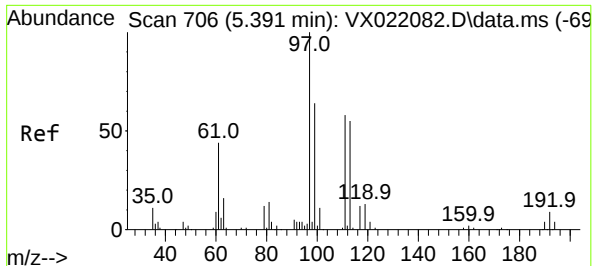
Tgt Ion: 65 Resp: 56185
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Tgt Ion: 114 Resp: 139804
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.9 0.0 32.8

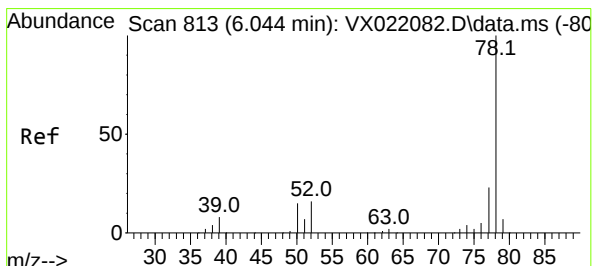
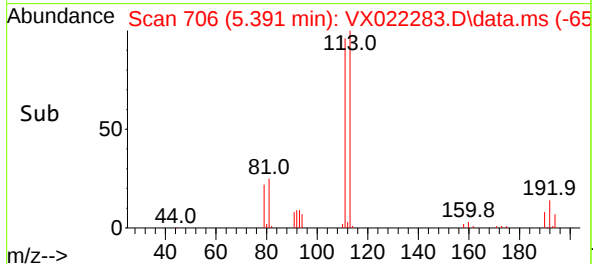
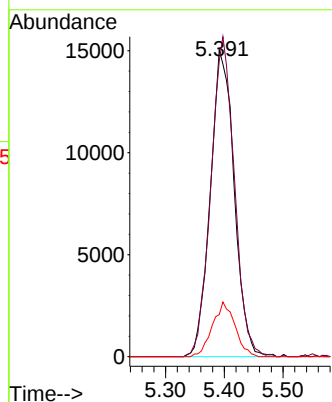
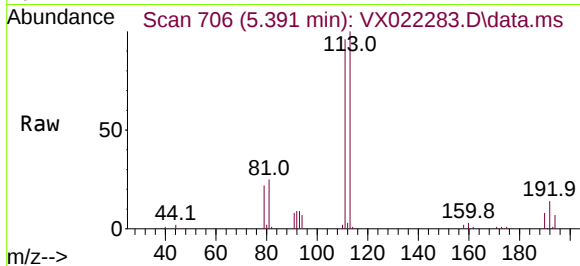




#35
Dibromofluoromethane
Concen: 47.93 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

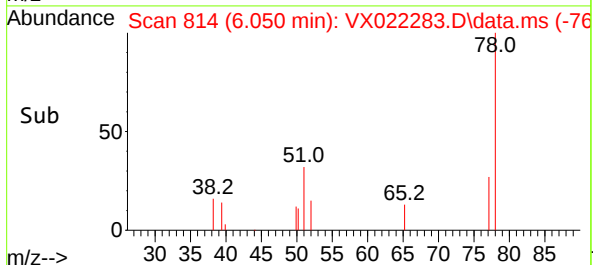
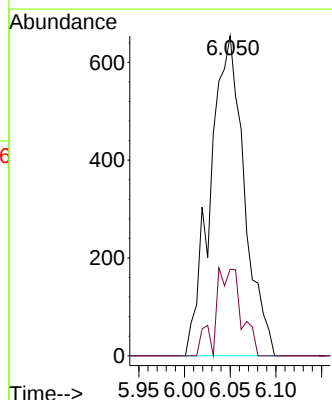
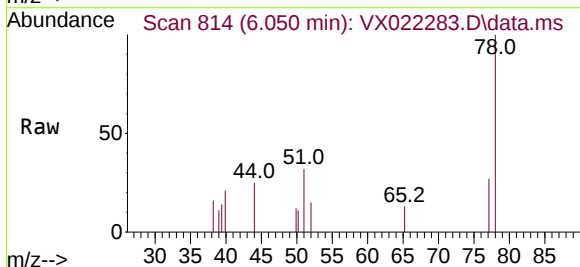
Instrument :
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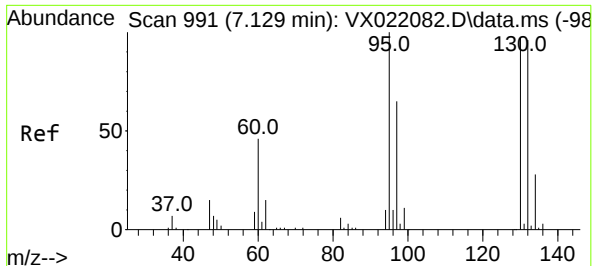
Tgt Ion:	113	Resp:	42494
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	16.8	16.7	25.1



#40
Benzene
Concen: 0.43 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Tgt Ion:	78	Resp:	1691
Ion	Ratio	Lower	Upper
78	100		
77	27.1	18.9	28.3

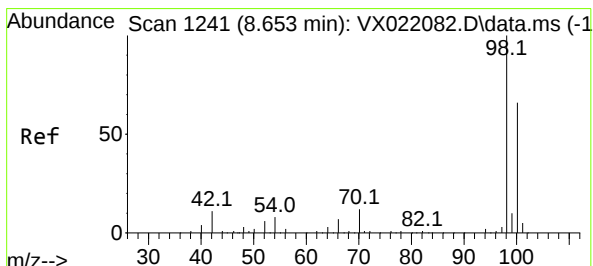
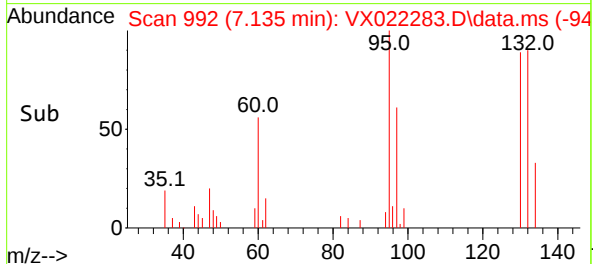
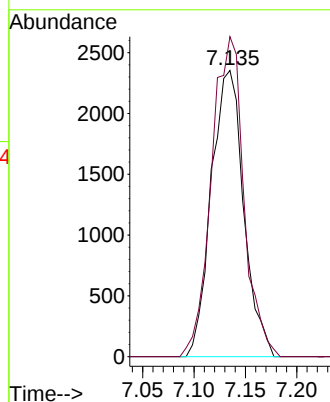
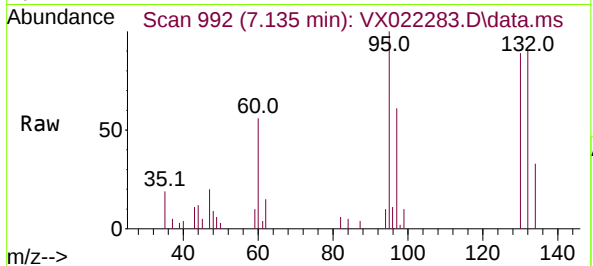




#44
Trichloroethene
Concen: 5.22 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

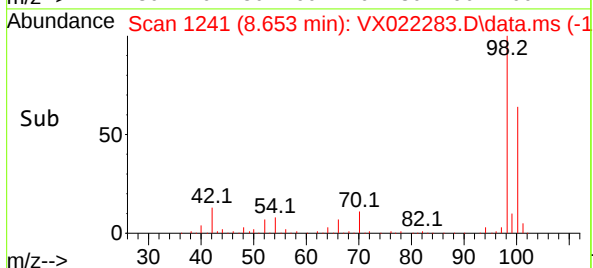
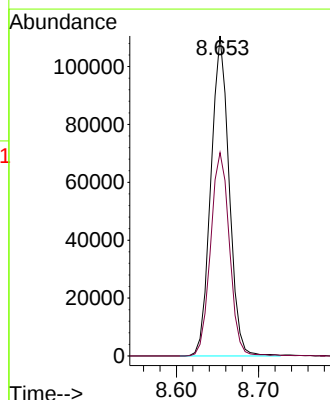
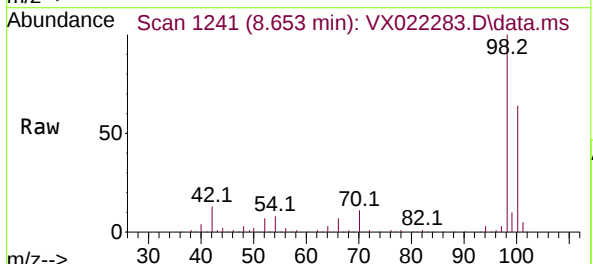
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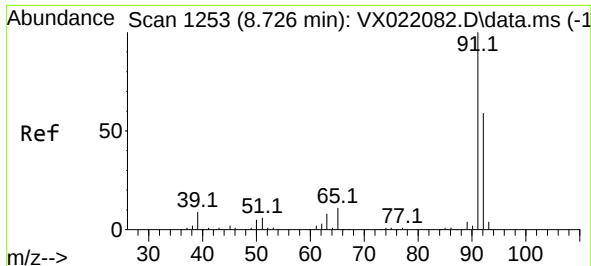
Tgt Ion:130 Resp: 5163
Ion Ratio Lower Upper
130 100
95 111.8 0.0 198.0



#50
Toluene-d8
Concen: 49.84 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Tgt Ion: 98 Resp: 170219
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9





#52

Toluene

Concen: 1.16 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.006 min

Lab File: VX022283.D

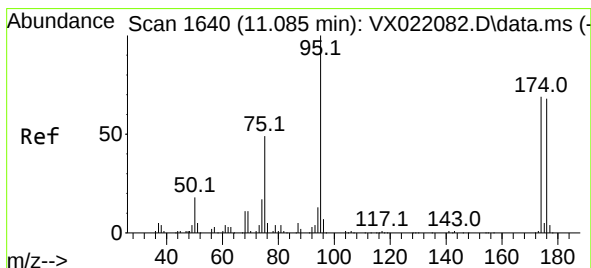
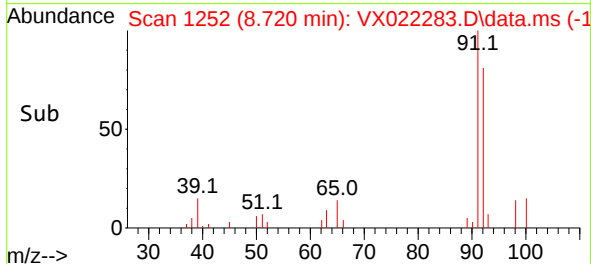
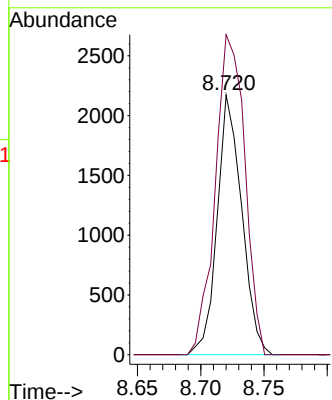
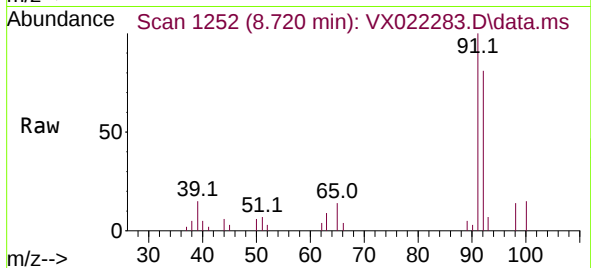
Acq: 29 May 2021 04:15

Tgt Ion: 92 Resp: 2931

Ion Ratio Lower Upper

92 100

91 148.2 137.1 205.7



#62

4-Bromofluorobenzene

Concen: 48.66 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022283.D

Acq: 29 May 2021 04:15

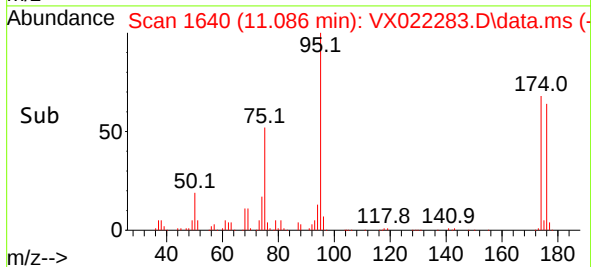
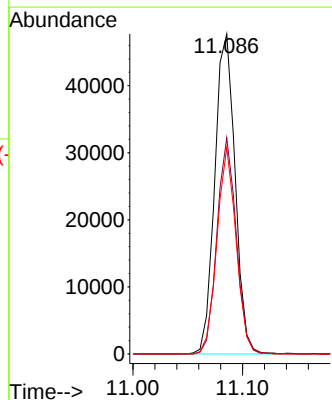
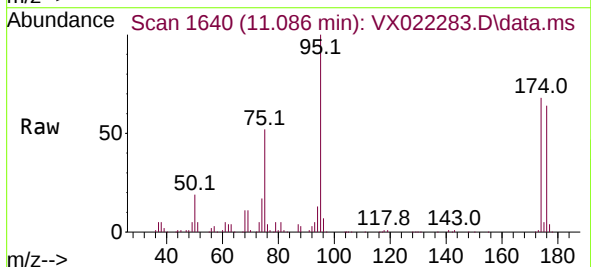
Tgt Ion: 95 Resp: 61430

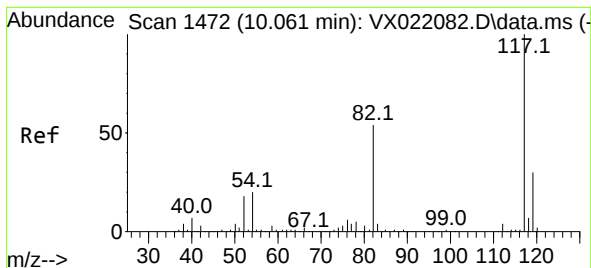
Ion Ratio Lower Upper

95 100

174 64.0 0.0 154.6

176 60.8 0.0 155.8

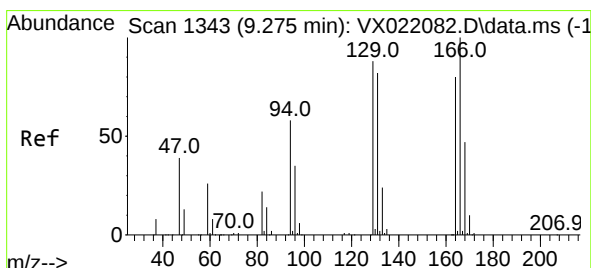
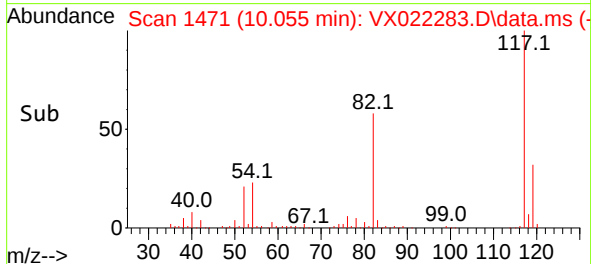
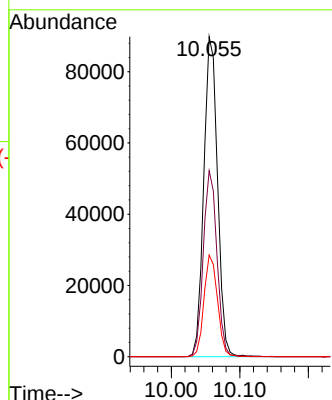
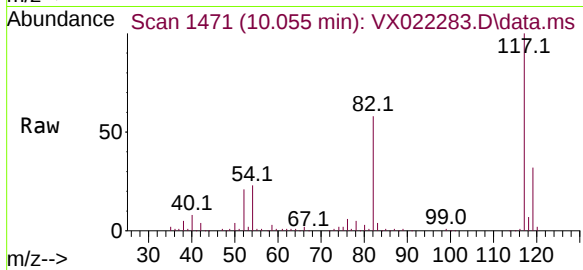




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

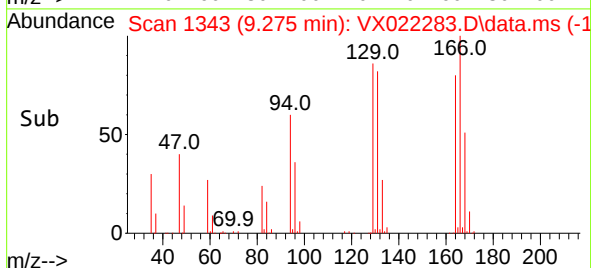
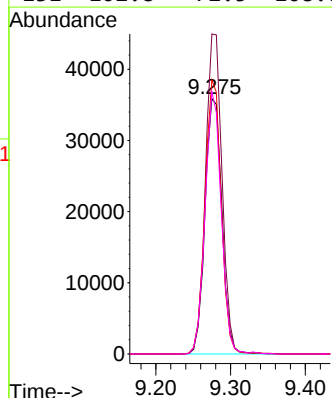
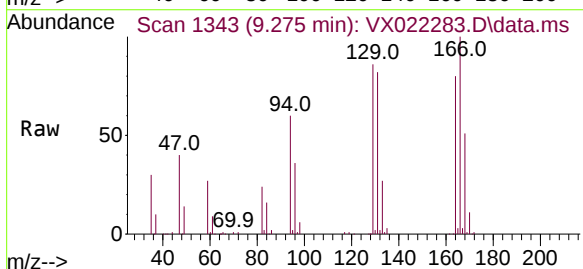
Instrument :
MSVOA_X
ClientSampleId :
118-119

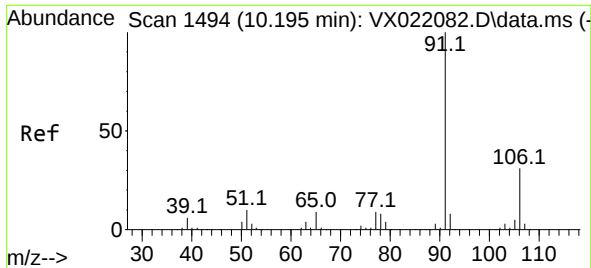
Tgt Ion:117 Resp: 125546
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 68.13 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Tgt Ion:164 Resp: 56153
Ion Ratio Lower Upper
164 100
166 125.4 103.4 155.2
129 107.3 70.8 106.2#
131 102.8 72.5 108.7

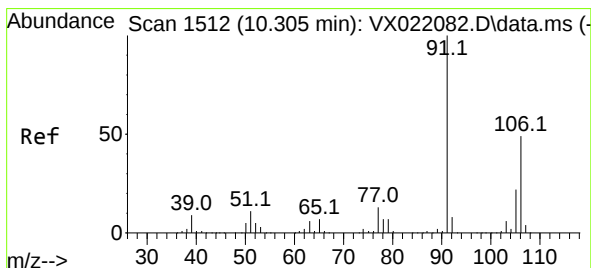
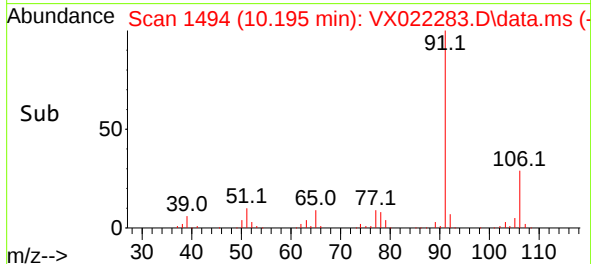
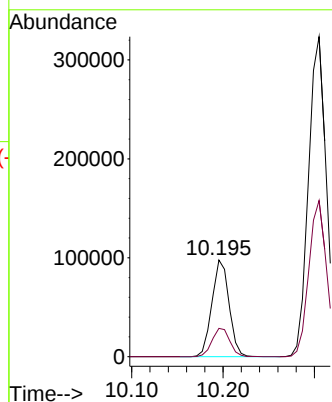
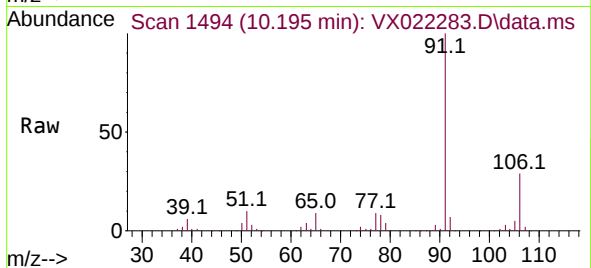




#67
Ethyl Benzene
Concen: 26.49 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

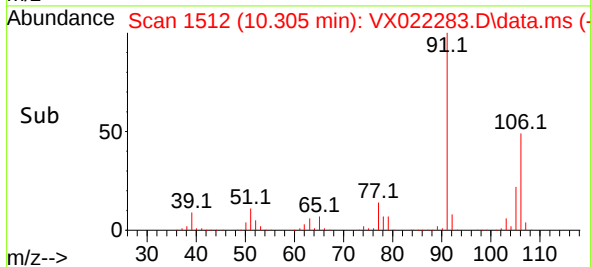
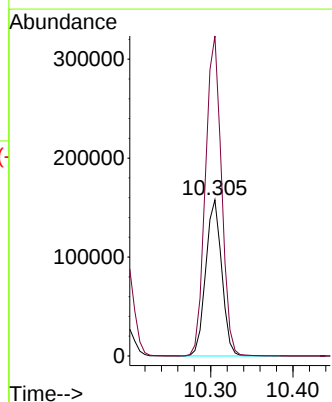
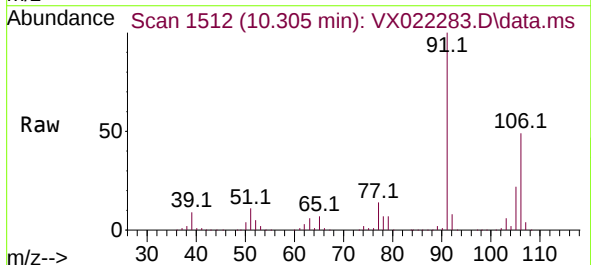
Instrument :
MSVOA_X
ClientSampleId :
118-119

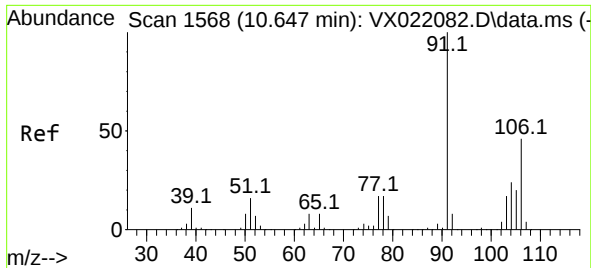
Tgt Ion: 91 Resp: 127342
Ion Ratio Lower Upper
91 100
106 29.4 24.6 37.0



#68
m/p-Xylenes
Concen: 117.37 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Tgt Ion:106 Resp: 213262
Ion Ratio Lower Upper
106 100
91 206.6 162.8 244.2

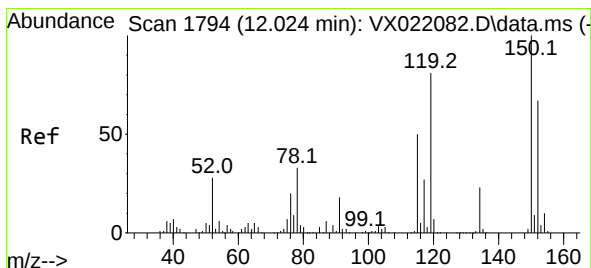
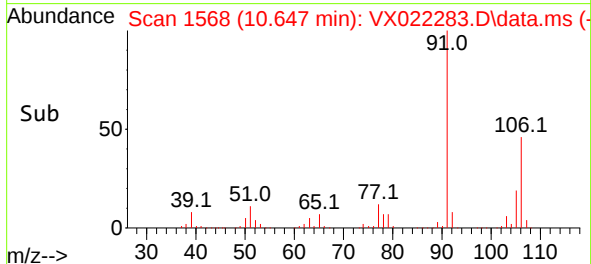
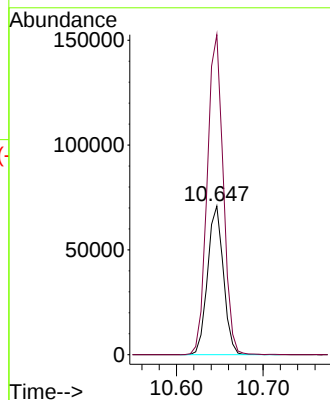
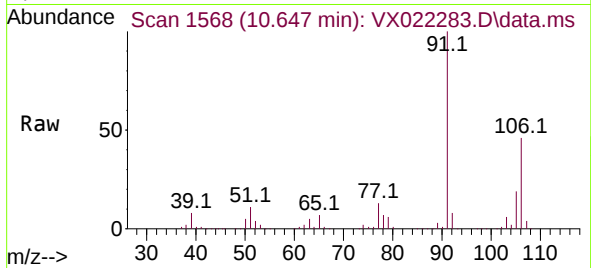




#69
o-Xylene
Concen: 50.92 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

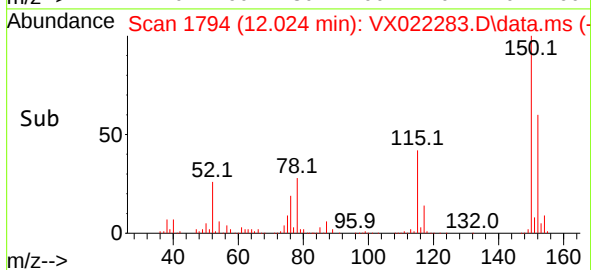
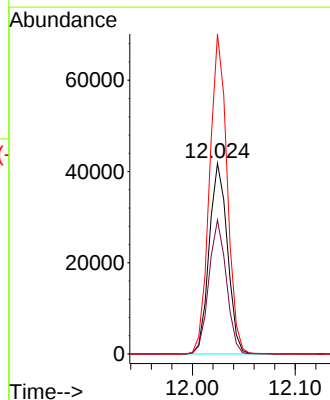
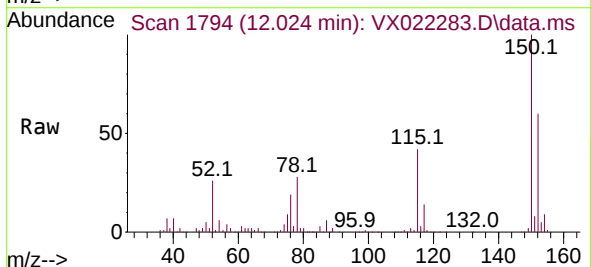
Instrument :
MSVOA_X
ClientSampleId :
118-119

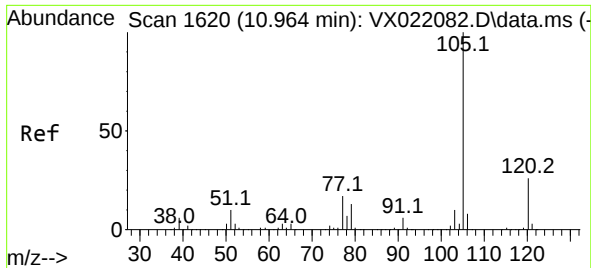
Tgt Ion:106 Resp: 89990
Ion Ratio Lower Upper
106 100
91 218.1 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Tgt Ion:152 Resp: 51480
Ion Ratio Lower Upper
152 100
115 67.4 41.1 123.3
150 161.6 0.0 349.0

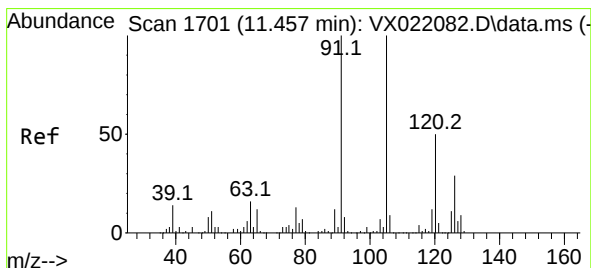
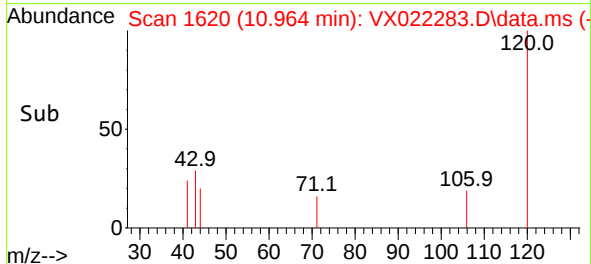
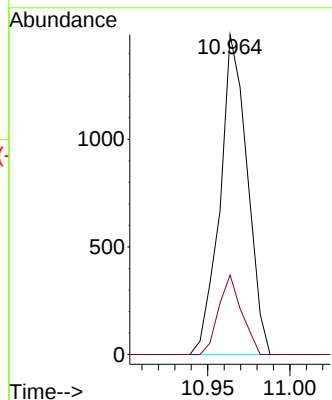
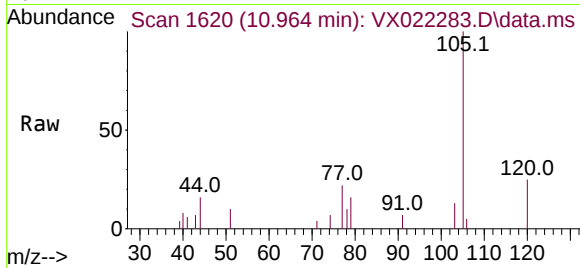




#73
Isopropylbenzene
Concen: 0.39 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

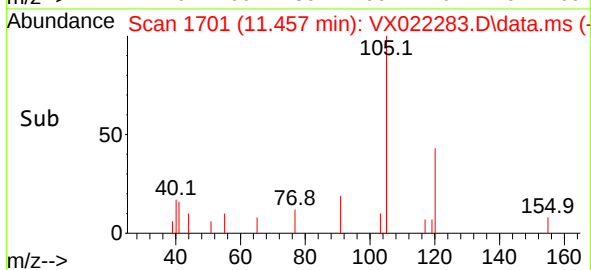
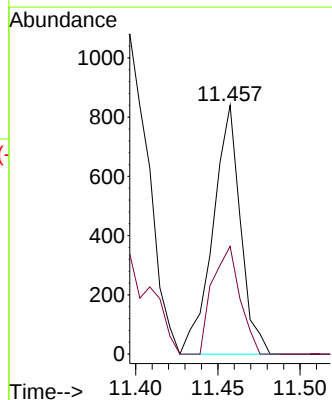
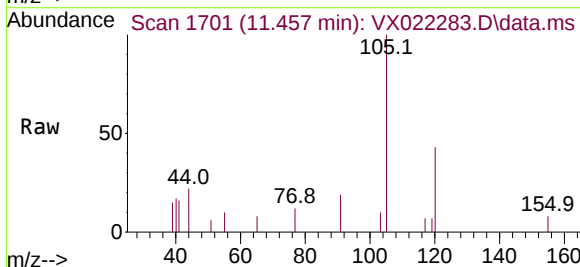
Instrument :
MSVOA_X
ClientSampled :
118-119

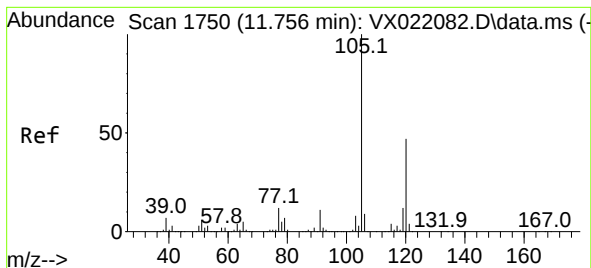
Tgt Ion:105 Resp: 1712
Ion Ratio Lower Upper
105 100
120 21.0 13.2 39.6



#80
1,3,5-Trimethylbenzene
Concen: 0.27 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Tgt Ion:105 Resp: 981
Ion Ratio Lower Upper
105 100
120 43.2 23.8 71.5

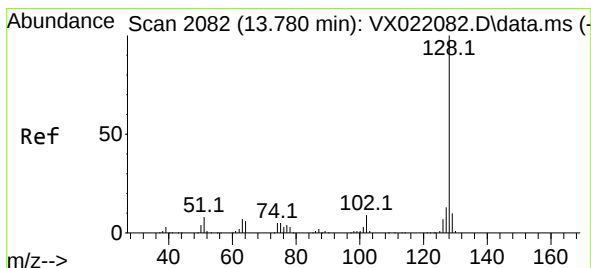
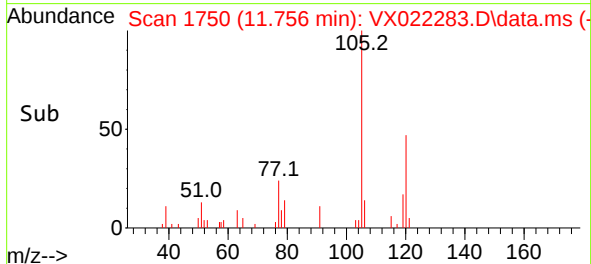
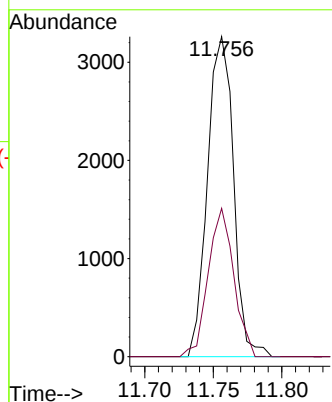
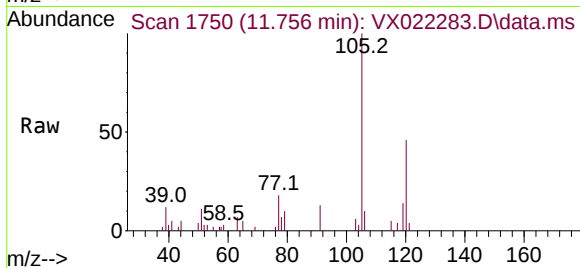




#84
1,2,4-Trimethylbenzene
Concen: 1.18 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Instrument :
MSVOA_X
ClientSampleId :
118-119

Tgt Ion:105 Resp: 4303
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.3



#95
Naphthalene
Concen: 1.15 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022283.D
Acq: 29 May 2021 04:15

Tgt Ion:128 Resp: 4629
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 14.3 8.8 13.2#

