

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022416.D
 Acq On : 04 Jun 2021 16:40
 Operator : JC/MD
 Sample : M2512-09 4X
 Misc : 1.20g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-4-6

Quant Time: Jun 05 03:20:06 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)

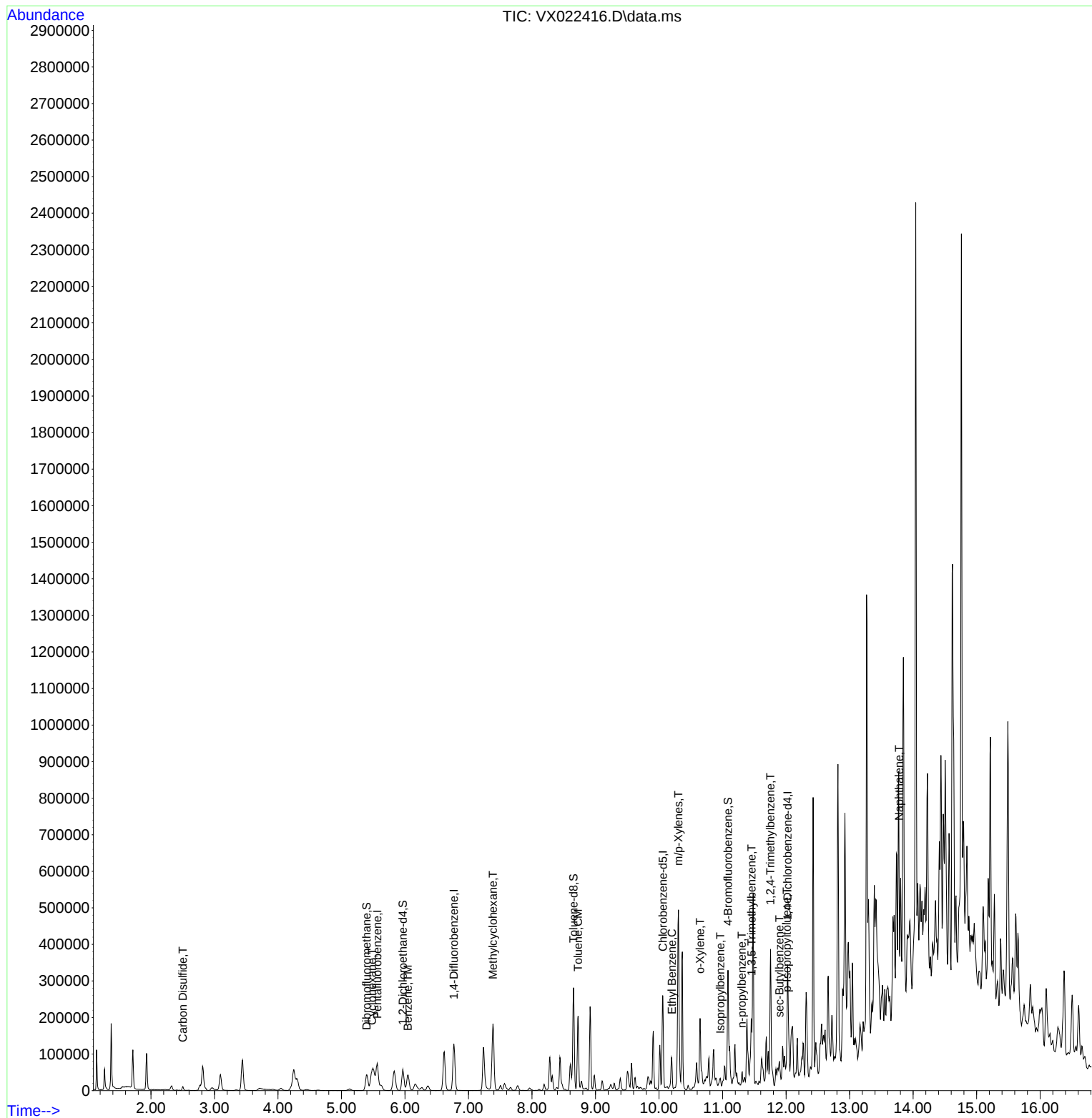
Internal Standards						
1) Pentafluorobenzene	5.562	168	61612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	114166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50728	53.375	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.740%			
35) Dibromofluoromethane	5.397	113	37101	46.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.420%			
50) Toluene-d8	8.653	98	155240	50.742	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.085	95	61145	54.071	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.140%			
Target Compounds						Qvalue
17) Carbon Disulfide	2.501	76	12300	6.651	ug/l #	95
31) Cyclohexane	5.483	56	41341	34.615	ug/l	89
39) Methylcyclohexane	7.385	83	81339	61.928	ug/l	98
40) Benzene	6.044	78	51815	14.541	ug/l	97
52) Toluene	8.726	92	76423	33.867	ug/l	99
67) Ethyl Benzene	10.201	91	44604	10.202	ug/l	98
68) m/p-Xylenes	10.305	106	107567	65.101	ug/l	99
69) o-Xylene	10.646	106	38207	23.775	ug/l	98
73) Isopropylbenzene	10.963	105	9804	2.169	ug/l	95
78) n-propylbenzene	11.305	91	22759	4.298	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	72089	19.241	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	145978	38.708	ug/l	99
85) sec-Butylbenzene	11.896	105	9067	1.986	ug/l	89
86) p-Isopropyltoluene	12.012	119	11330	2.938	ug/l	92
95) Naphthalene	13.780	128	79494	19.030	ug/l #	94

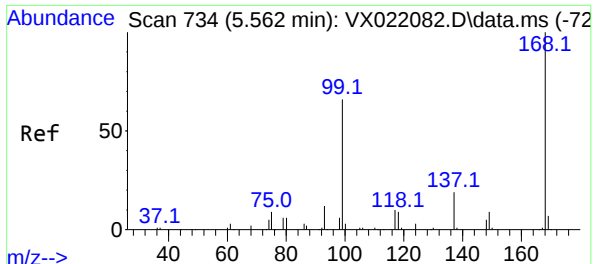
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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COMP-4-6

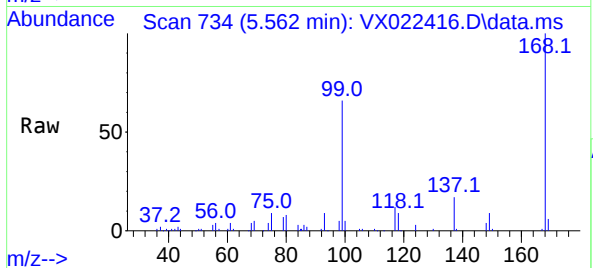
Quant Time: Jun 05 03:20:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



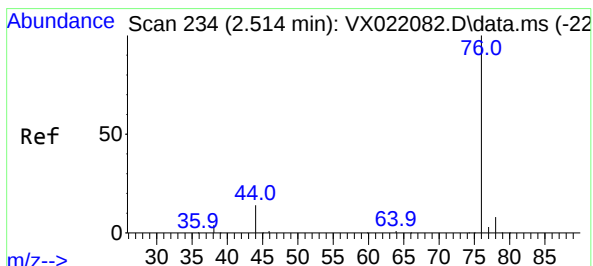
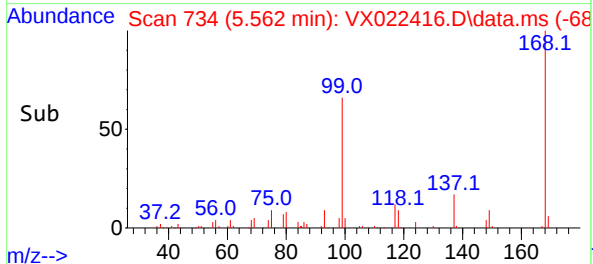
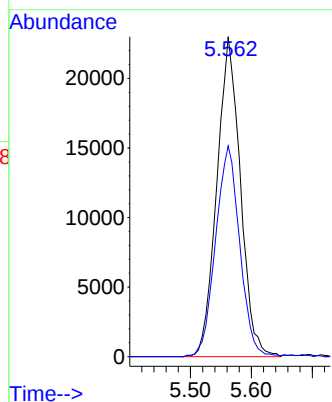


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Instrument :
MSVOA_X
ClientSampleId :
COMP-4-6

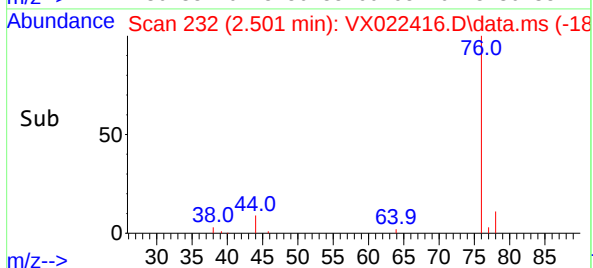
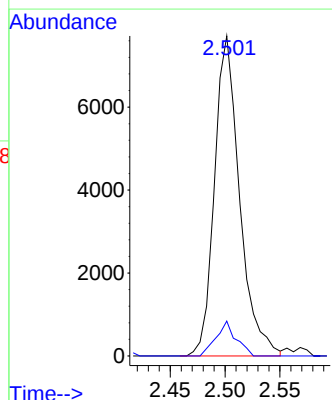
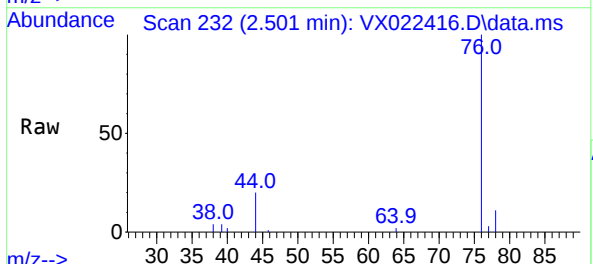


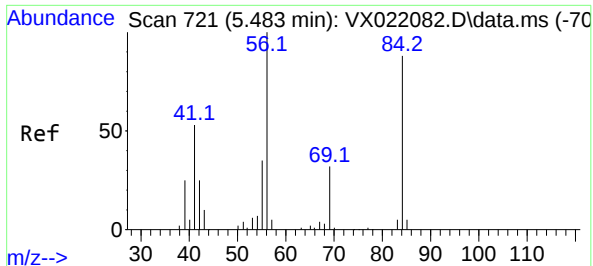
Tgt Ion:168 Resp: 61612
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.6



#17
Carbon Disulfide
Concen: 6.651 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.013 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Tgt Ion: 76 Resp: 12300
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8#

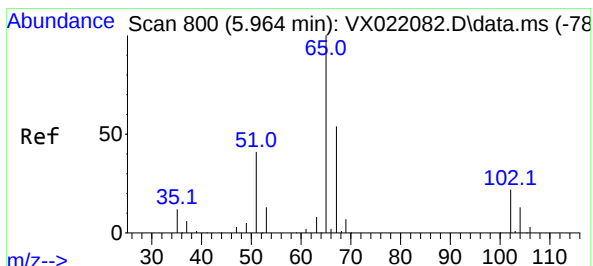
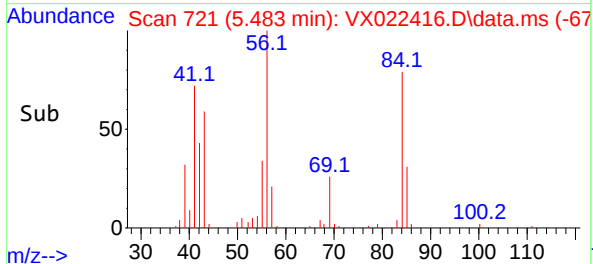
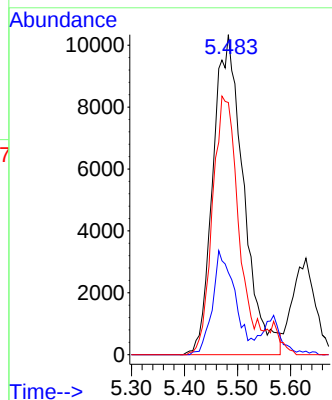
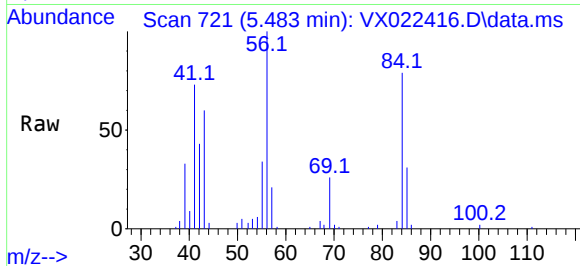




#31
Cyclohexane
Concen: 34.615 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

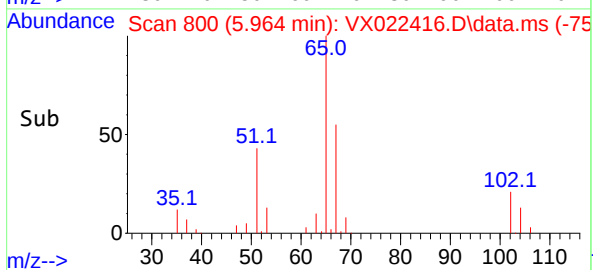
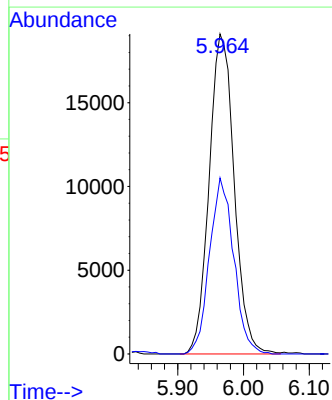
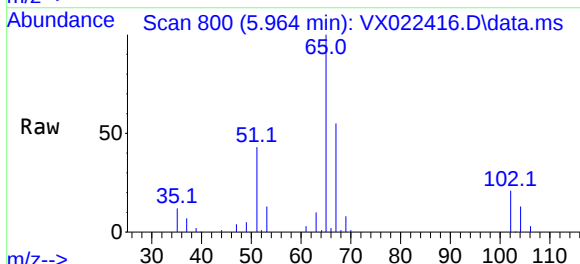
Instrument :
MSVOA_X
ClientSampleId :
COMP-4-6

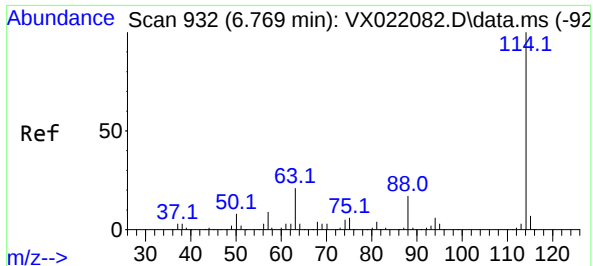
Tgt Ion: 56 Resp: 41341
Ion Ratio Lower Upper
56 100
69 25.6 25.3 37.9
84 78.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.375 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Tgt Ion: 65 Resp: 50728
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



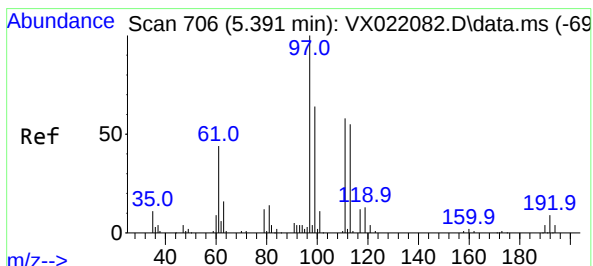
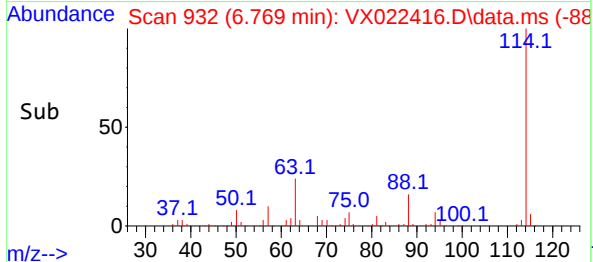
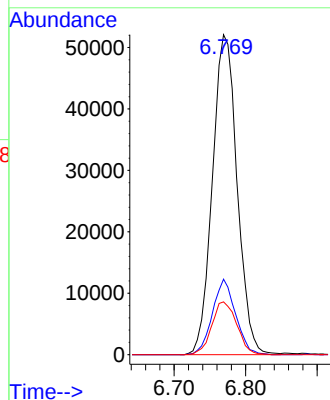
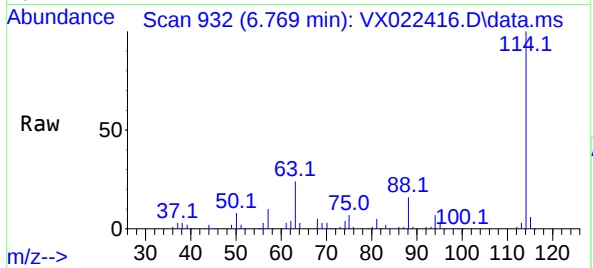


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Instrument :
MSVOA_X
ClientSampleId :
COMP-4-6

Tgt Ion:114 Resp: 125241

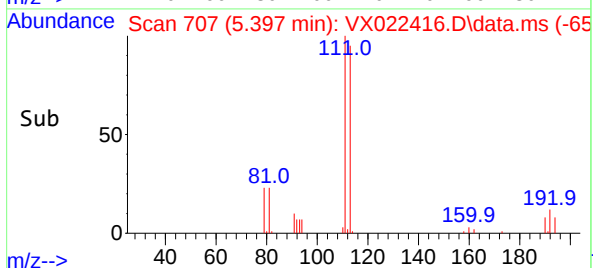
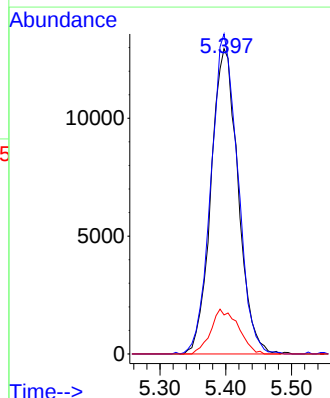
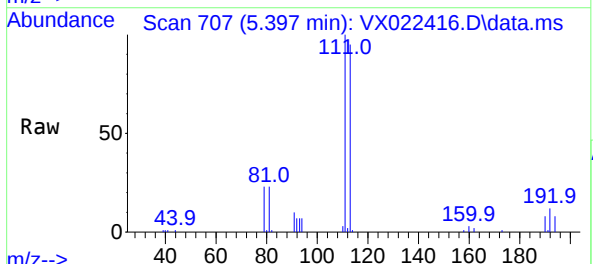
Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	40.8
88	16.5	0.0	32.8

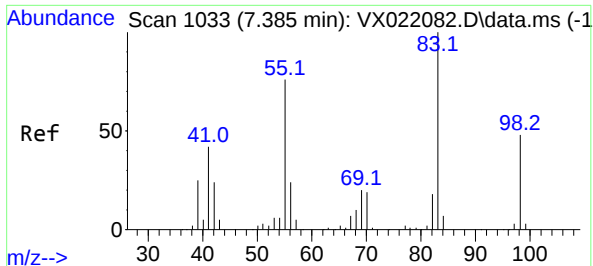


#35
Dibromofluoromethane
Concen: 46.714 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Tgt Ion:113 Resp: 37101

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	14.9	16.7	25.1





#39

Methylcyclohexane

Concen: 61.928 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX022416.D

Acq: 04 Jun 2021 16:40

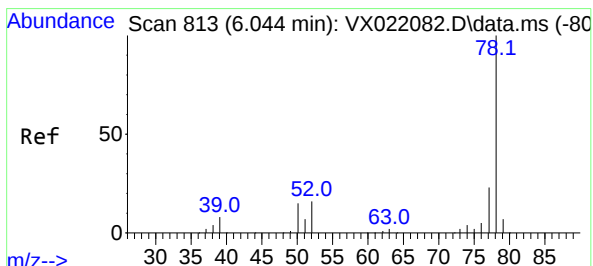
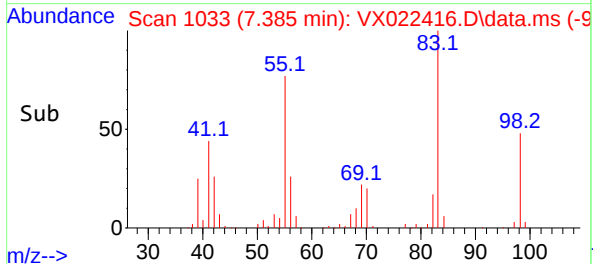
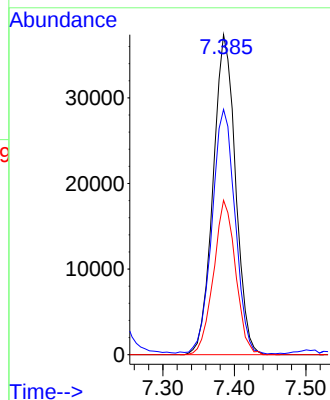
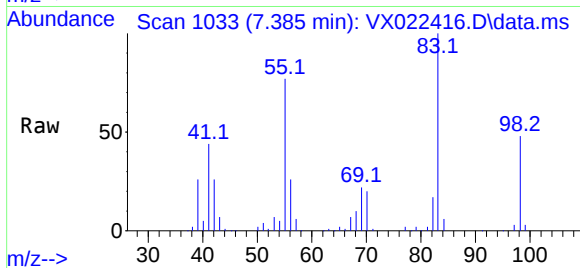
Tgt Ion: 83 Resp: 81339

Ion Ratio Lower Upper

83 100

55 76.2 58.9 88.3

98 48.3 38.1 57.1



#40

Benzene

Concen: 14.541 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX022416.D

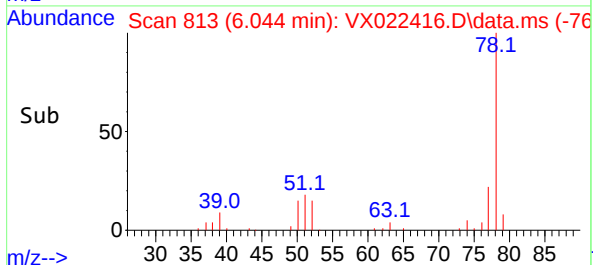
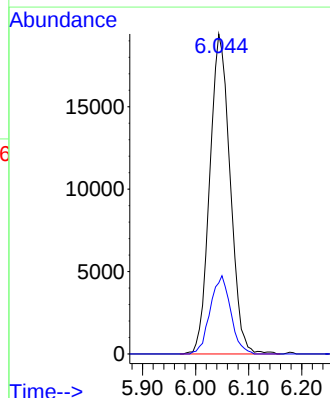
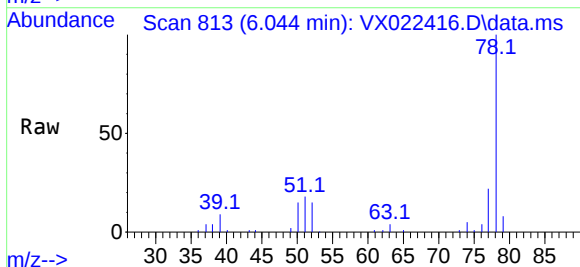
Acq: 04 Jun 2021 16:40

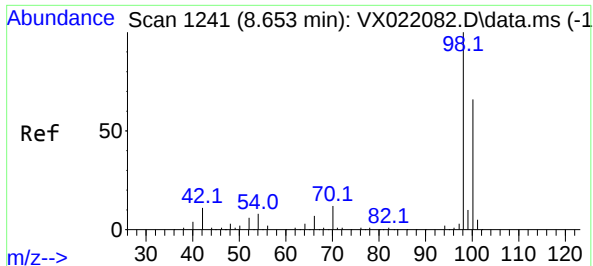
Tgt Ion: 78 Resp: 51815

Ion Ratio Lower Upper

78 100

77 22.2 18.9 28.3

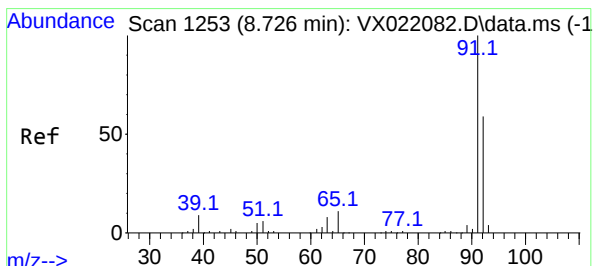
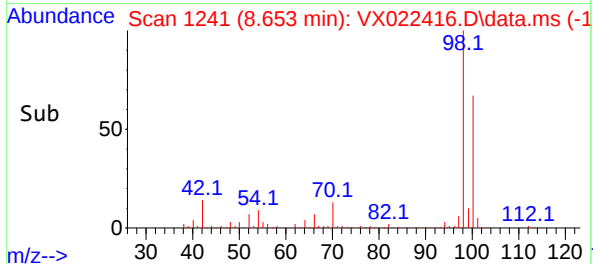
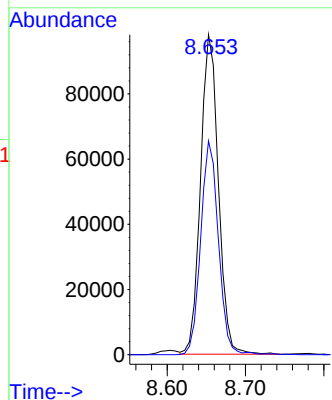
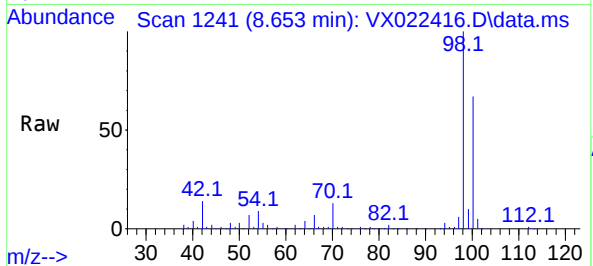




#50
Toluene-d8
Concen: 50.742 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

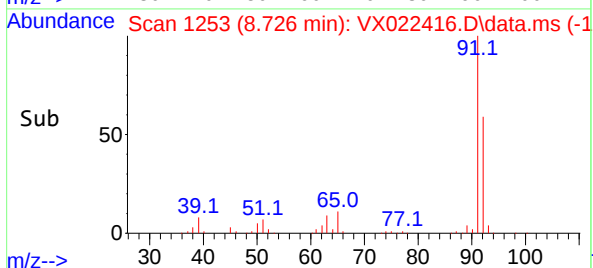
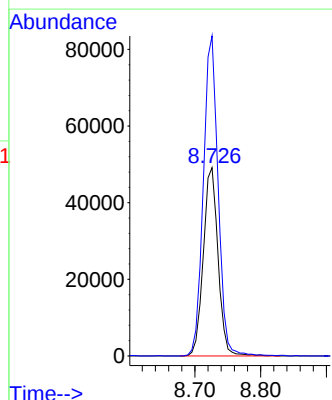
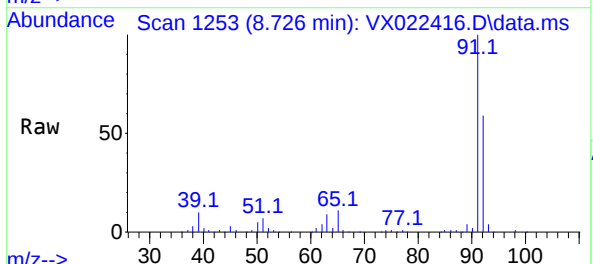
Instrument :
MSVOA_X
ClientSampleId :
COMP-4-6

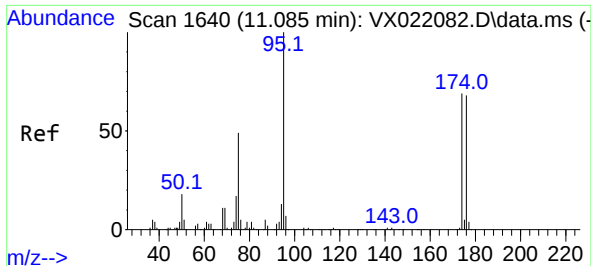
Tgt Ion: 98 Resp: 155240
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#52
Toluene
Concen: 33.867 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Tgt Ion: 92 Resp: 76423
Ion Ratio Lower Upper
92 100
91 170.5 137.1 205.7



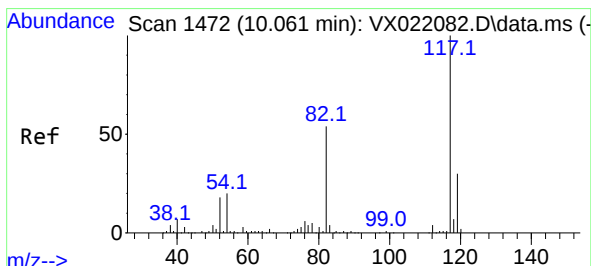
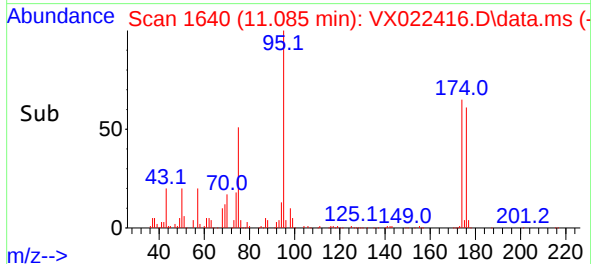
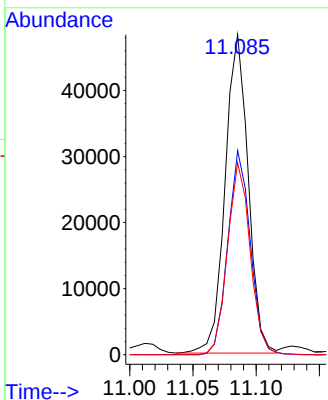
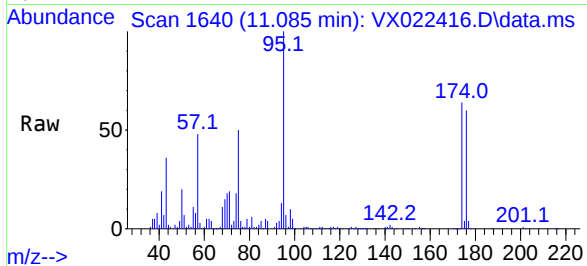


#62
4-Bromofluorobenzene
Concen: 54.071 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Instrument :
MSVOA_X
ClientSampleId :
COMP-4-6

Tgt Ion: 95 Resp: 61145

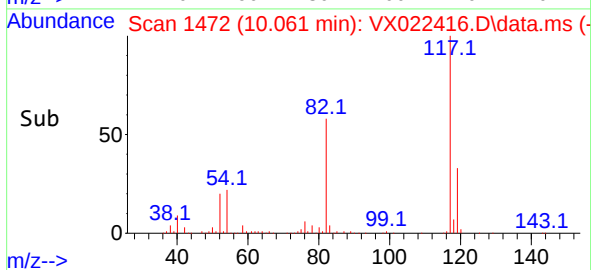
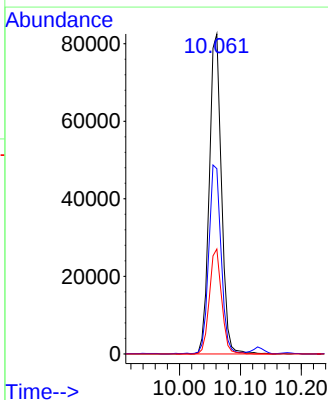
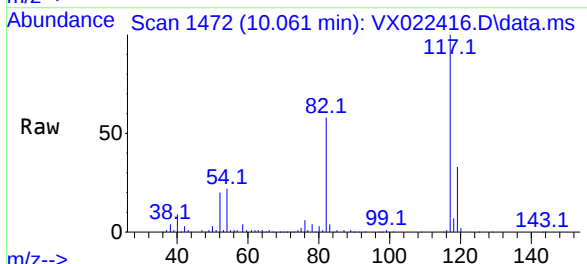
Ion	Ratio	Lower	Upper
95	100		
174	62.5	0.0	154.6
176	59.0	0.0	155.8

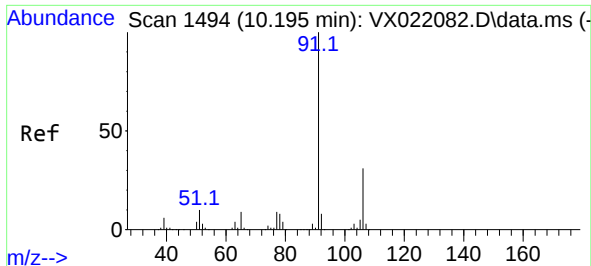


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Tgt Ion: 117 Resp: 114166

Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.4	71.2
119	32.8	26.6	39.8

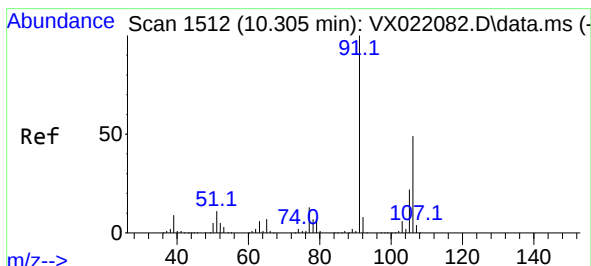
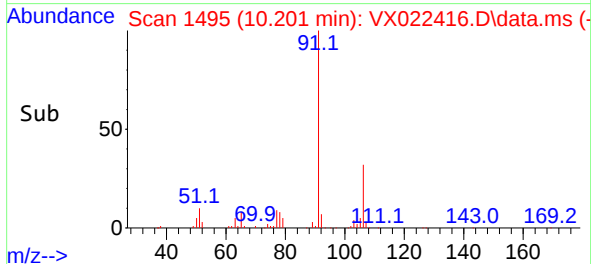
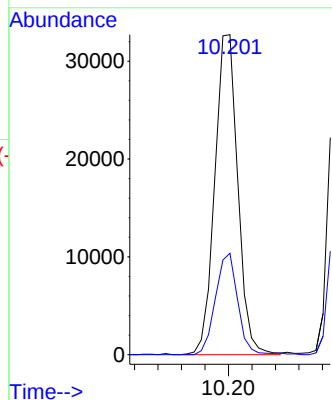
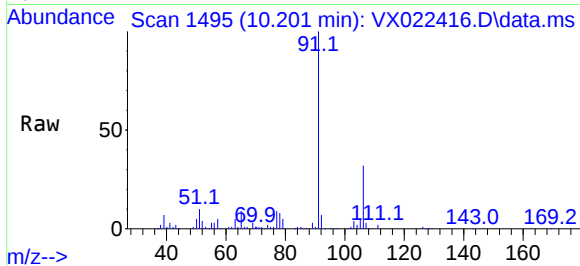




#67
Ethyl Benzene
Concen: 10.202 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

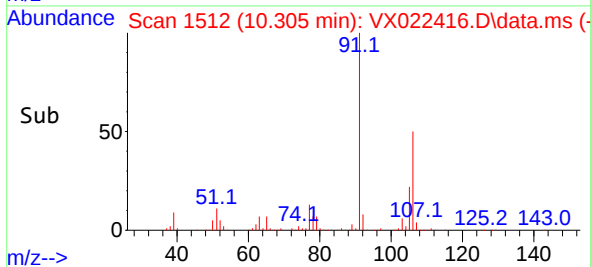
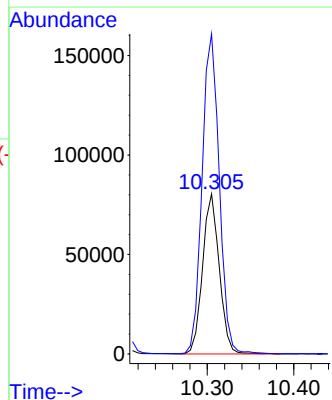
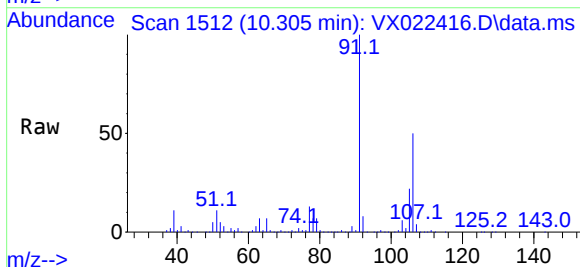
Instrument :
MSVOA_X
ClientSampled :
COMP-4-6

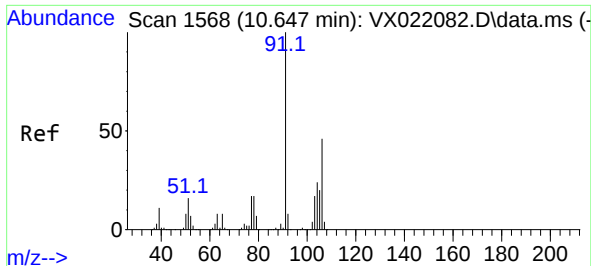
Tgt Ion: 91 Resp: 44604
Ion Ratio Lower Upper
91 100
106 31.7 24.6 37.0



#68
m/p-Xylenes
Concen: 65.101 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Tgt Ion: 106 Resp: 107567
Ion Ratio Lower Upper
106 100
91 205.8 162.8 244.2

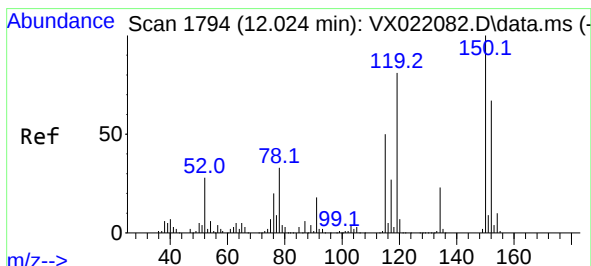
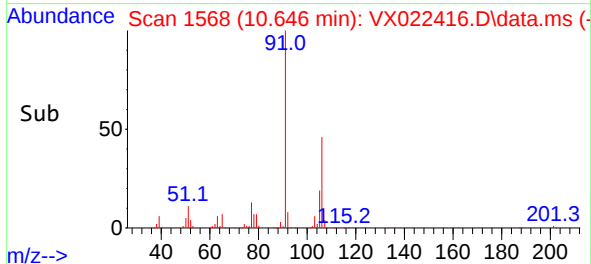
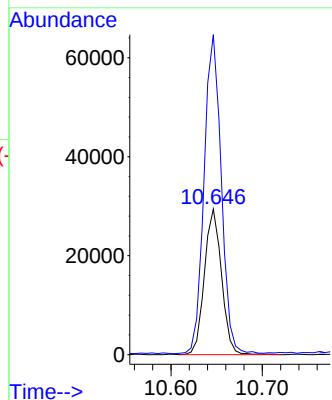
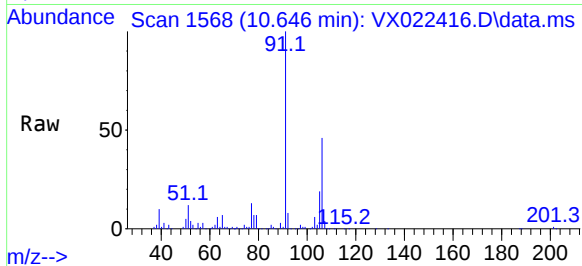




#69
o-Xylene
Concen: 23.775 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

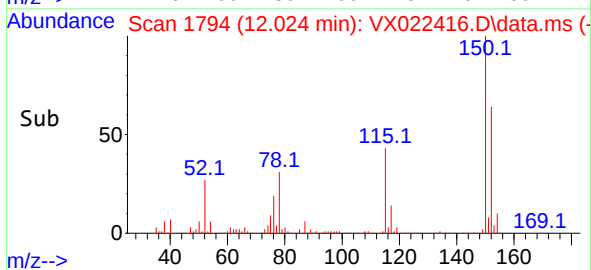
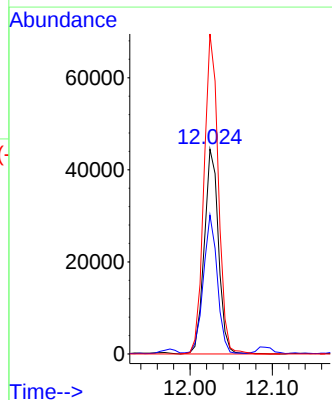
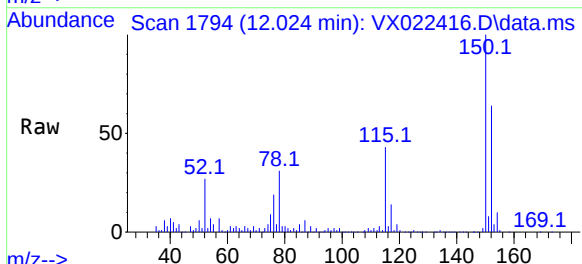
Instrument :
MSVOA_X
ClientSampleId :
COMP-4-6

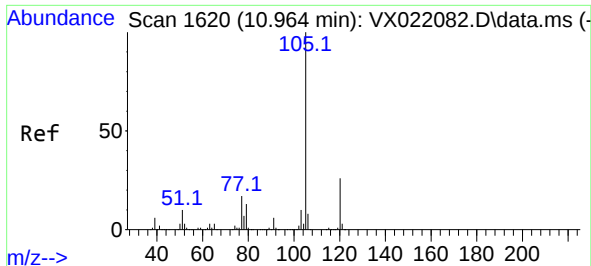
Tgt Ion:106 Resp: 38207
Ion Ratio Lower Upper
106 100
91 219.7 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Tgt Ion:152 Resp: 53411
Ion Ratio Lower Upper
152 100
115 65.9 41.1 123.3
150 157.4 0.0 349.0

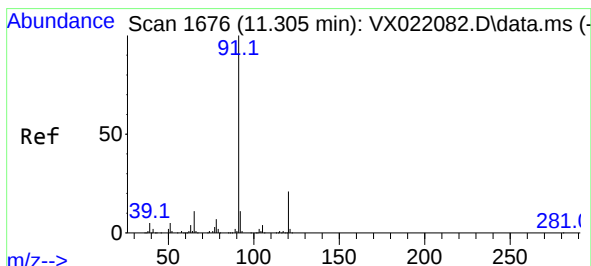
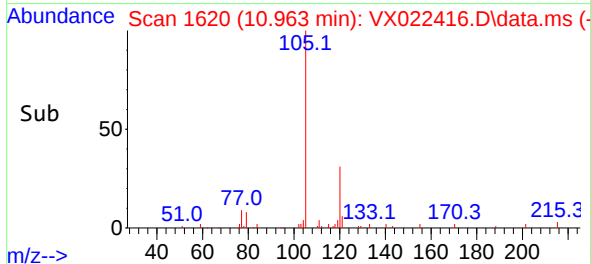
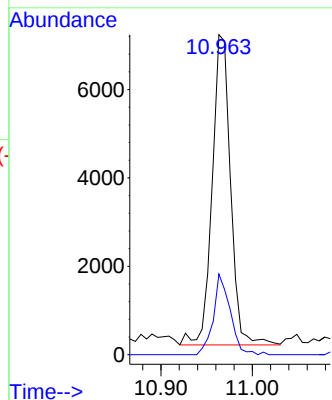
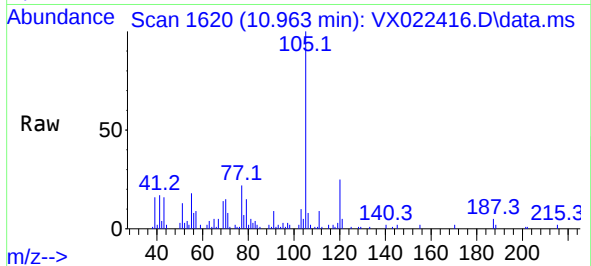




#73
Isopropylbenzene
Concen: 2.169 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

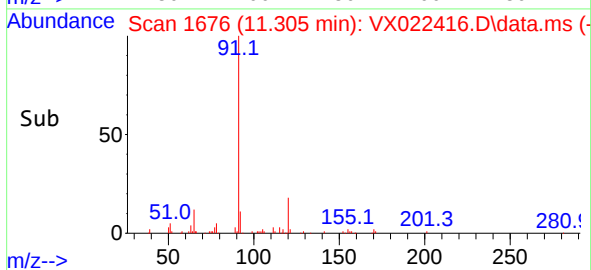
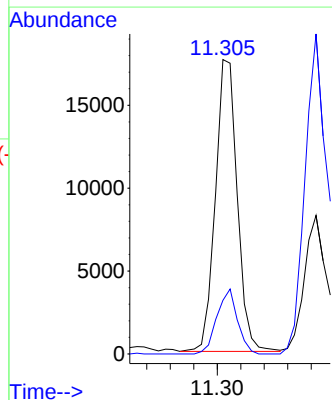
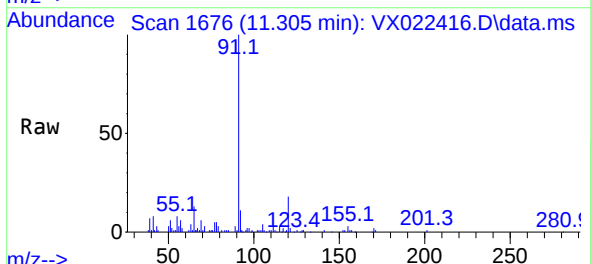
Instrument :
MSVOA_X
ClientSampleId :
COMP-4-6

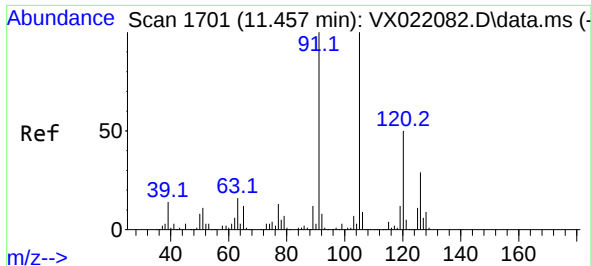
Tgt Ion:105 Resp: 9804
Ion Ratio Lower Upper
105 100
120 23.8 13.2 39.6



#78
n-propylbenzene
Concen: 4.298 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Tgt Ion: 91 Resp: 22759
Ion Ratio Lower Upper
91 100
120 20.8 11.5 34.5

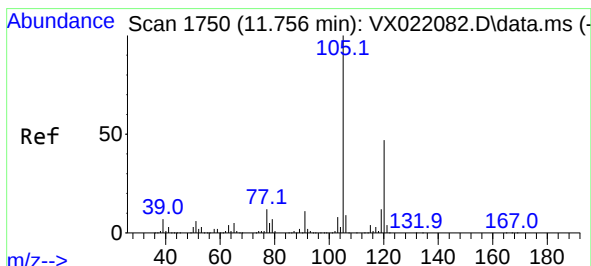
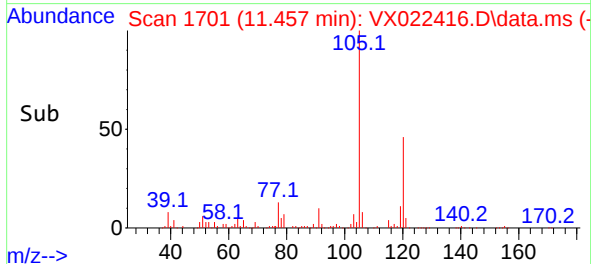
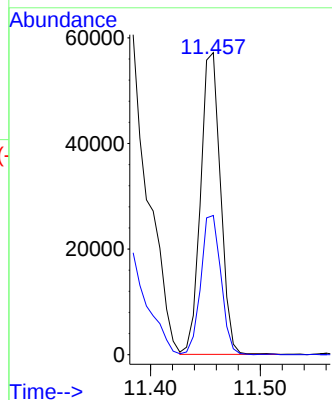
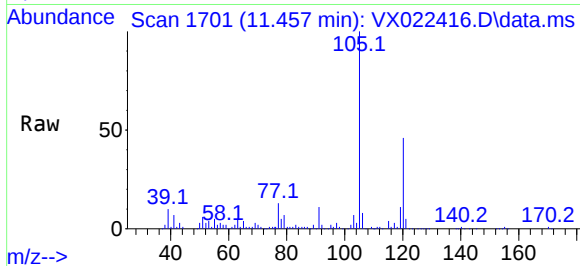




#80
1,3,5-Trimethylbenzene
Concen: 19.241 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

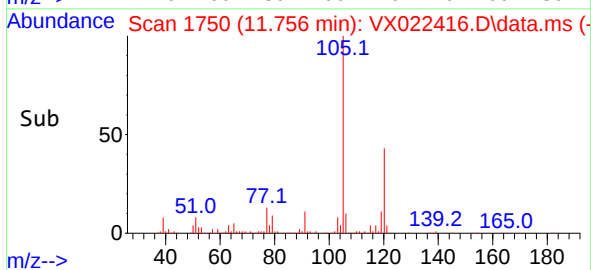
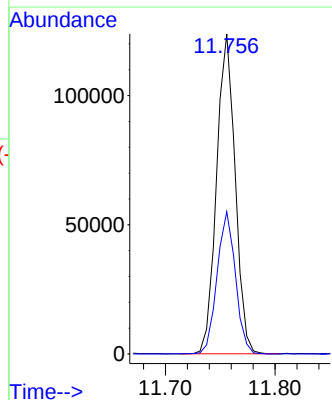
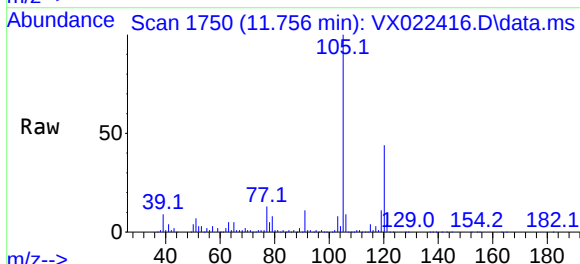
Instrument :
MSVOA_X
ClientSampleId :
COMP-4-6

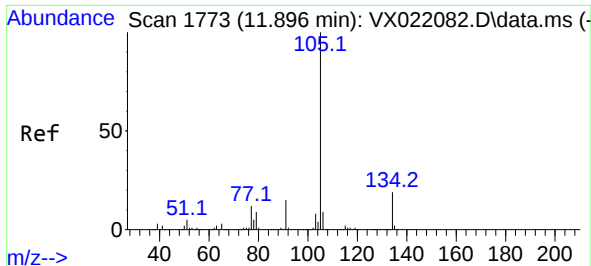
Tgt Ion:105 Resp: 72089
Ion Ratio Lower Upper
105 100
120 46.6 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 38.708 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Tgt Ion:105 Resp: 145978
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.3

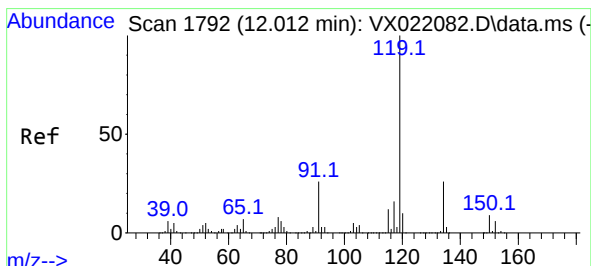
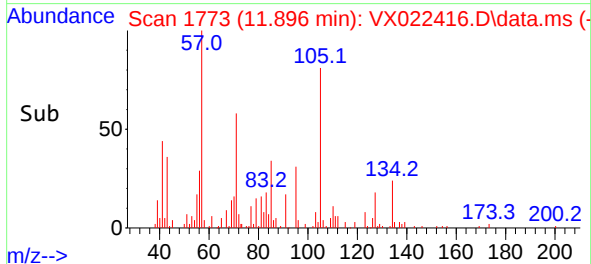
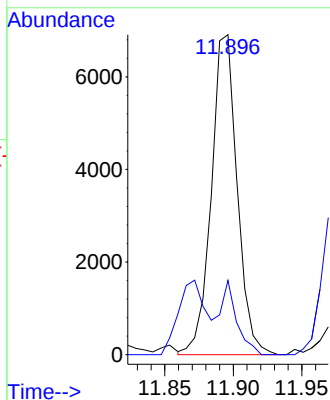
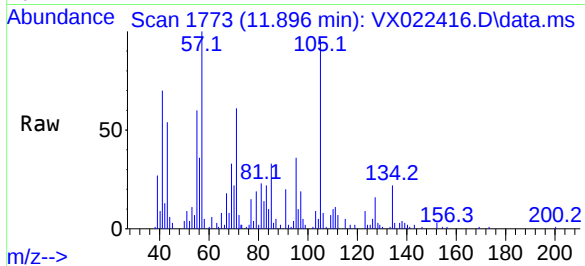




#85
sec-Butylbenzene
Concen: 1.986 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

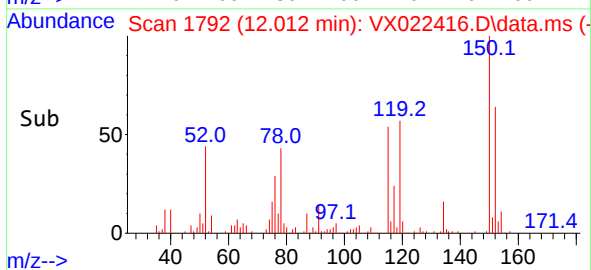
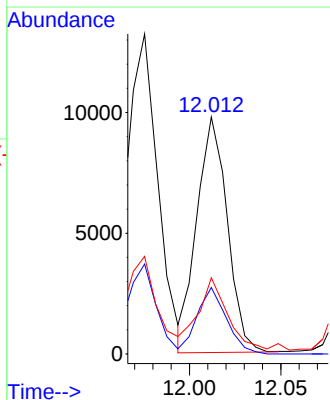
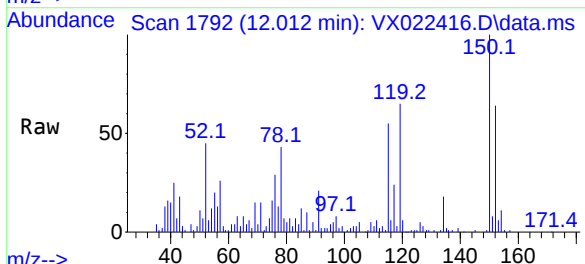
Instrument :
MSVOA_X
ClientSampleId :
COMP-4-6

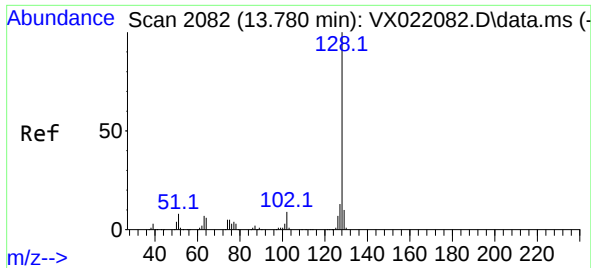
Tgt Ion:105 Resp: 9067
Ion Ratio Lower Upper
105 100
134 14.8 10.0 29.8



#86
p-Isopropyltoluene
Concen: 2.938 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Tgt Ion:119 Resp: 11330
Ion Ratio Lower Upper
119 100
134 27.2 12.9 38.7
91 30.3 11.7 35.0





#95
Naphthalene
Concen: 19.030 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022416.D
Acq: 04 Jun 2021 16:40

Instrument :
MSVOA_X
ClientSampleId :
COMP-4-6

Tgt Ion:128 Resp: 79494
Ion Ratio Lower Upper
128 100
127 15.3 10.3 15.5
129 13.3 8.8 13.2#

