

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016788.D
 Acq On : 16 Jun 2020 18:31
 Operator : JC/SP
 Sample : L2986-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16-20-COMP

Quant Time: Jun 17 04:59:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	378950	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	391963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203456	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	138020	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
35) Dibromofluoromethane	5.46	113	117063	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	8.70	98	470842	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
62) 4-Bromofluorobenzene	11.12	95	193846	58.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.56%	

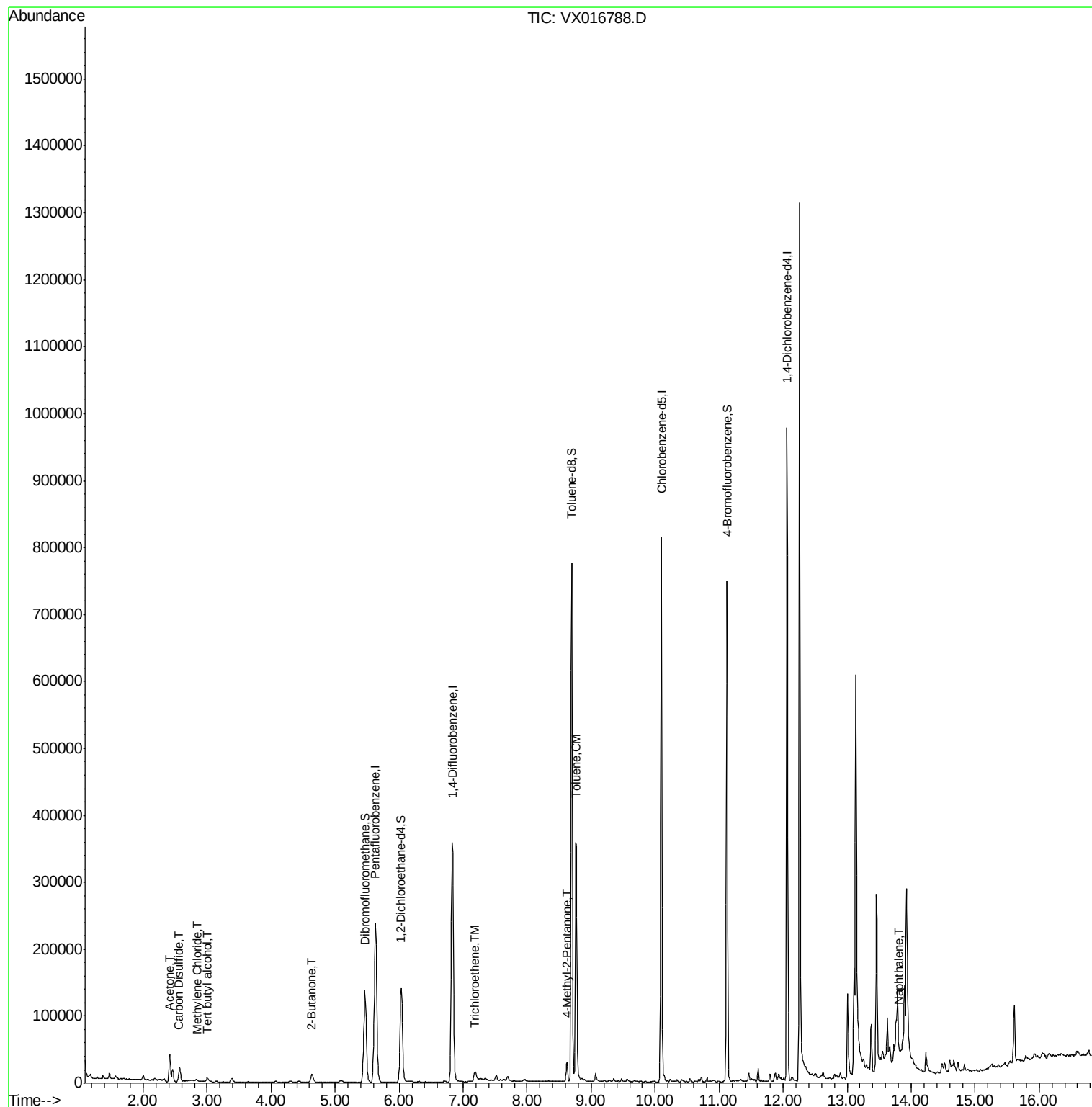
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.00	59	7528	11.094	ug/l	96
16) Acetone	2.42	43	42280	34.508	ug/l	100
17) Carbon Disulfide	2.55	76	7507	1.117	ug/l	98
20) Methylene Chloride	2.84	84	1471	0.557	ug/l	93
25) 2-Butanone	4.64	43	20616	11.165	ug/l	94
44) Trichloroethene	7.19	130	2896	0.918	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	16098	4.545	ug/l	98
52) Toluene	8.77	92	142203	21.471	ug/l	98
95) Naphthalene	13.82	128	3913	0.280	ug/l #	76

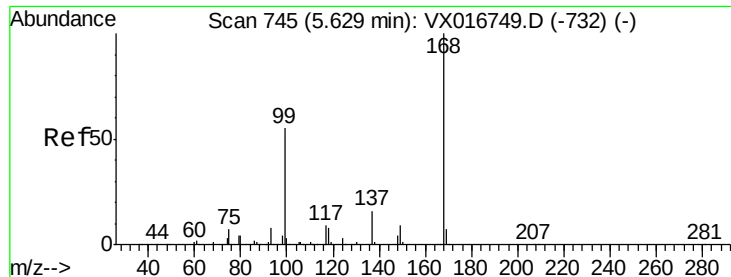
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061620\
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MSVOA_X
ClientSampleId :
16-20-COMP

Quant Time: Jun 17 04:59:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016788.D

Acq: 16 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

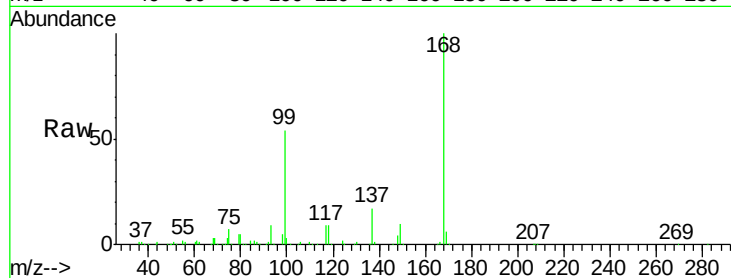
16-20-COMP

Tot Ion:168 Resp: 240136

Ion Ratio Lower Upper

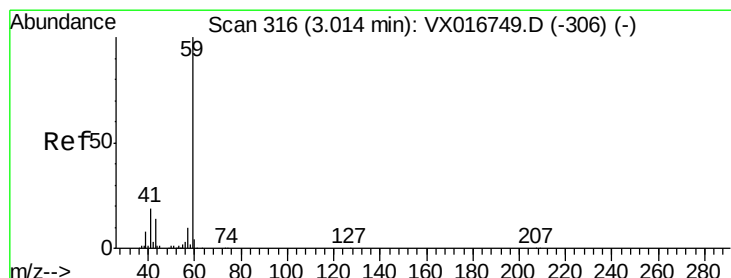
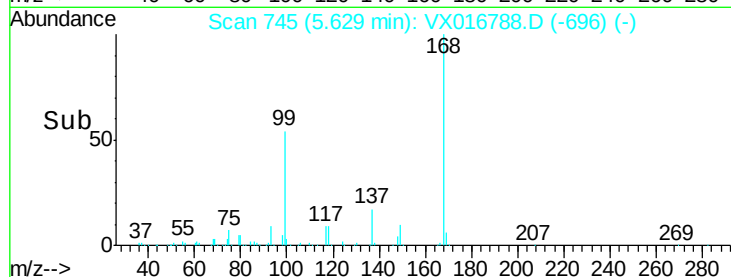
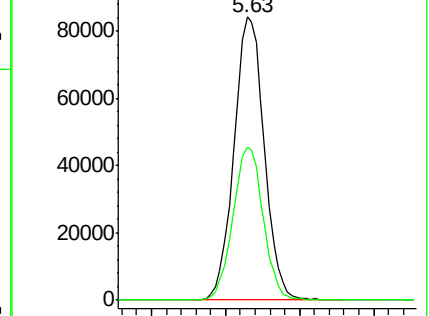
168 100

99 54.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 11.094 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX016788.D

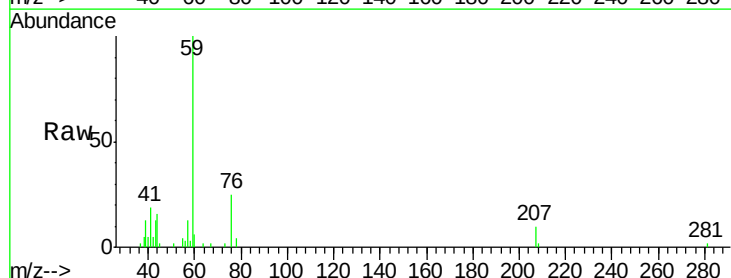
Acq: 16 Jun 2020 18:31

Tgt Ion: 59 Resp: 7528

Ion Ratio Lower Upper

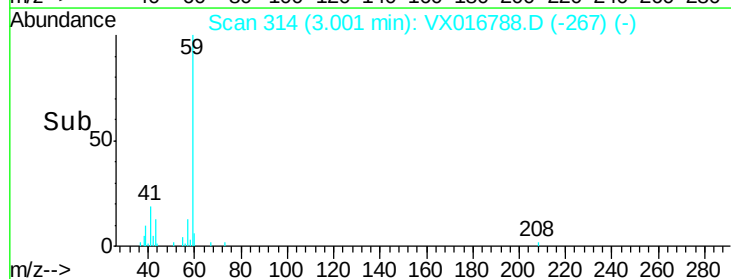
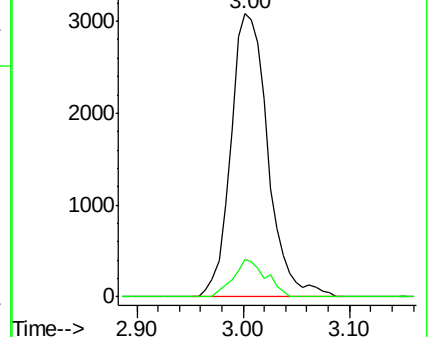
59 100

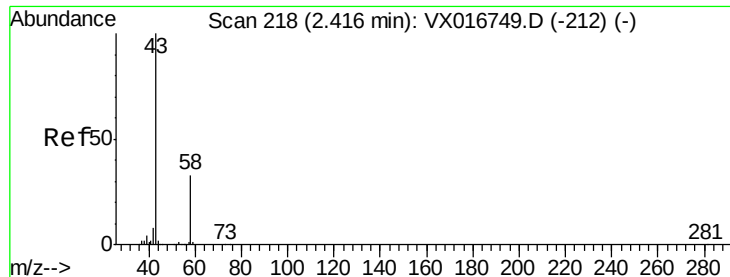
57 11.7 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 34.508 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016788.D

Acq: 16 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampled :

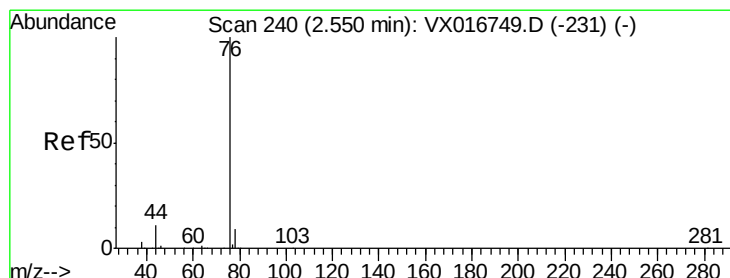
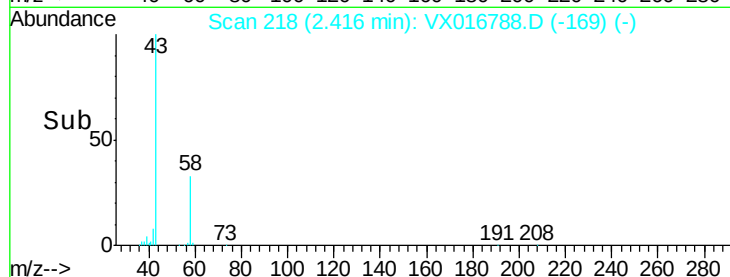
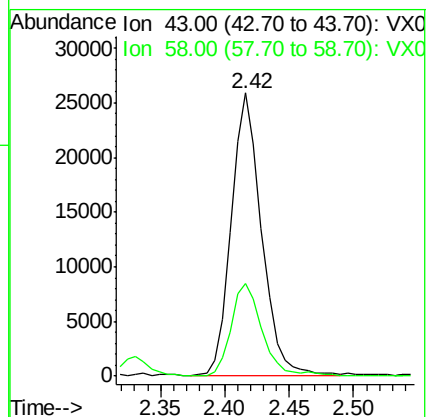
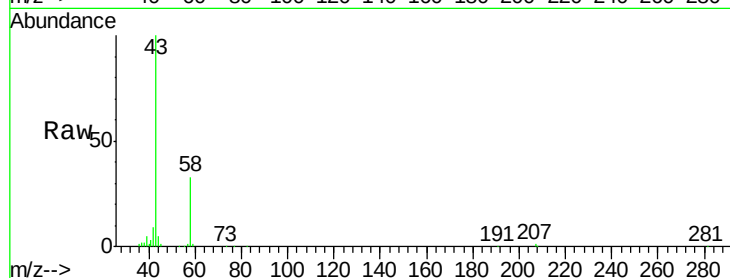
16-20-COMP

Tot Ion: 43 Resp: 42280

Ion Ratio Lower Upper

43 100

58 33.0 26.3 39.5



#17

Carbon Disulfide

Concen: 1.117 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016788.D

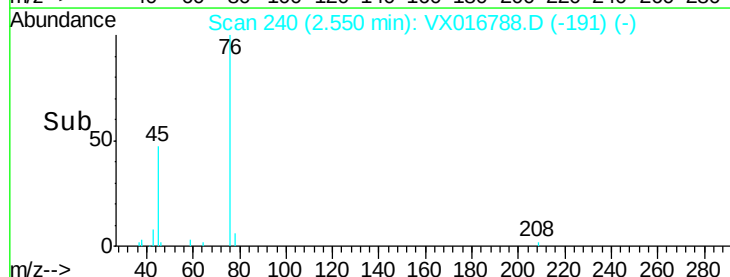
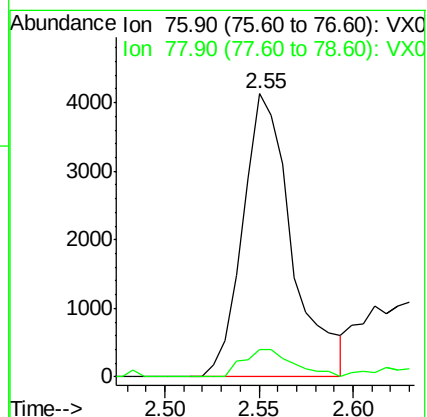
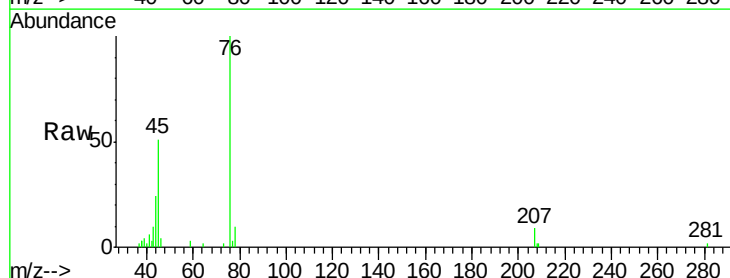
Acq: 16 Jun 2020 18:31

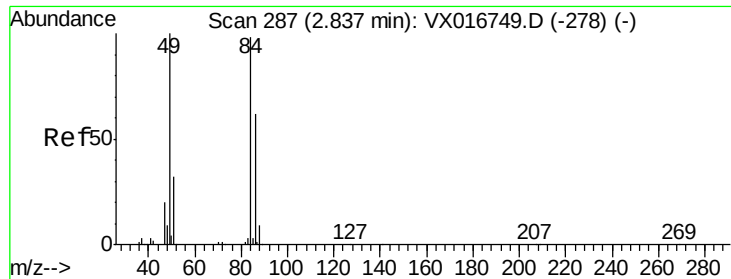
Tgt Ion: 76 Resp: 7507

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9

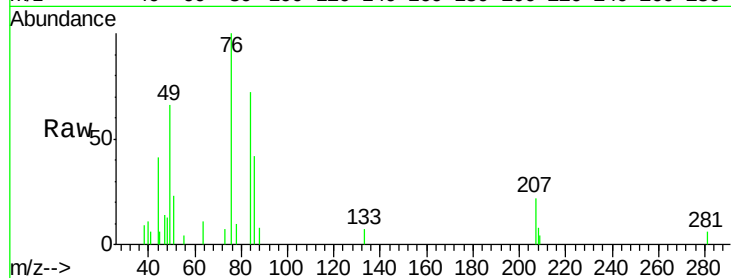




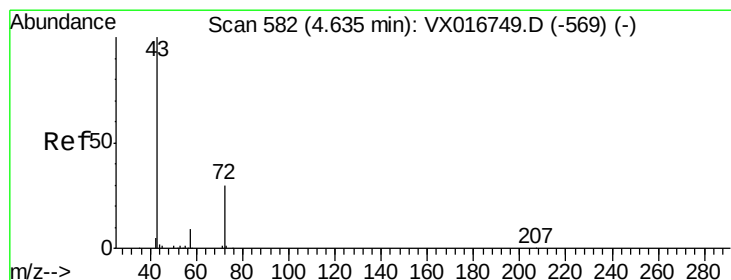
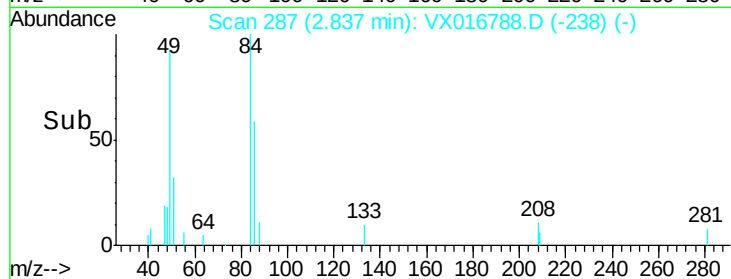
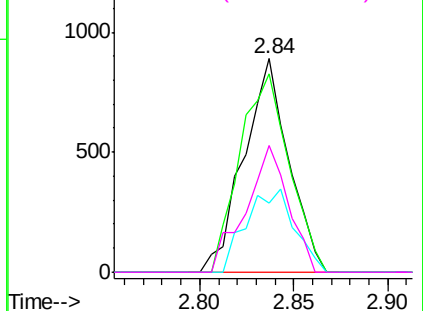
#20
Methylene Chloride
Concen: 0.557 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016788.D
Acq: 16 Jun 2020 18:31

Instrument :
MSVOA_X
ClientSampled :
16-20-COMP

Tot Ion:	84	Resp:	1471
Ion	Ratio	Lower	Upper
84	100		
49	92.7	81.8	122.8
51	32.5	25.8	38.8
86	59.1	50.4	75.6

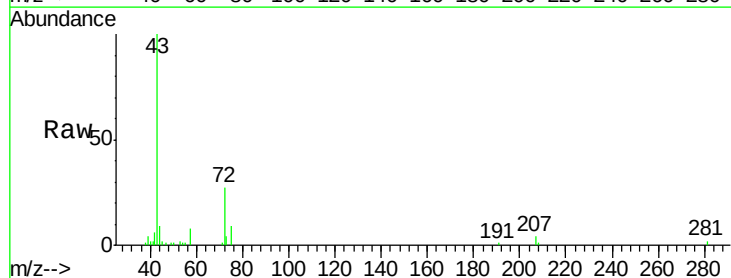


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

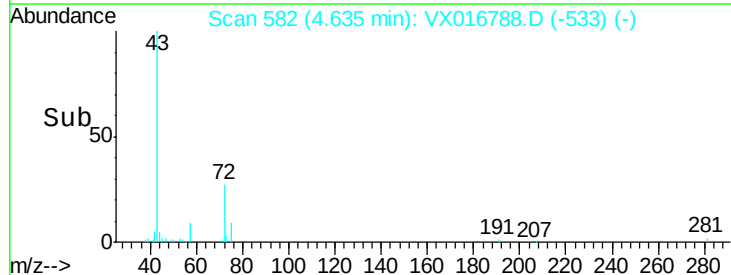
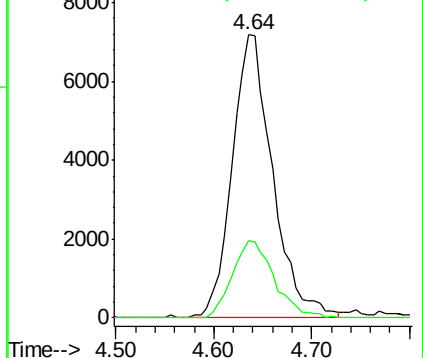


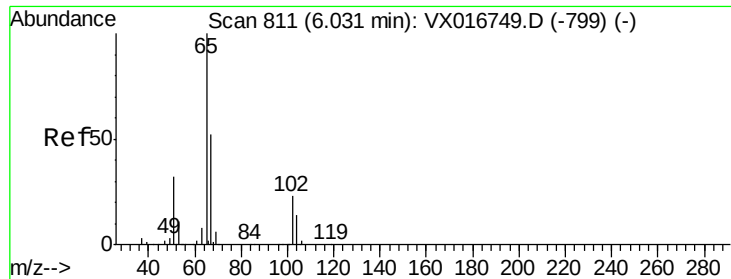
#25
2-Butanone
Concen: 11.165 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016788.D
Acq: 16 Jun 2020 18:31

Tgt Ion:	43	Resp:	20616
Ion	Ratio	Lower	Upper
43	100		
72	27.3	24.2	36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

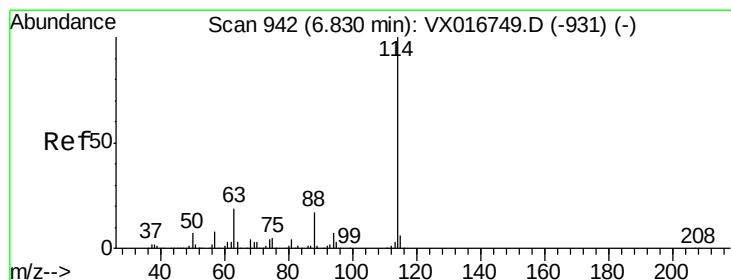
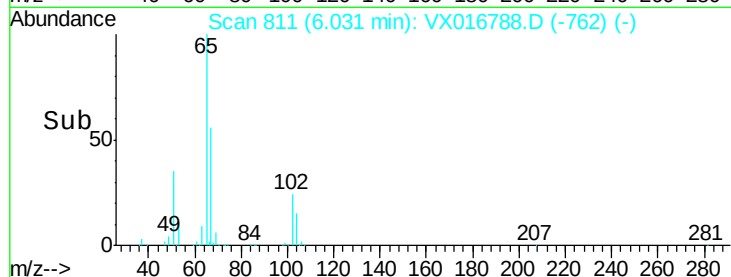
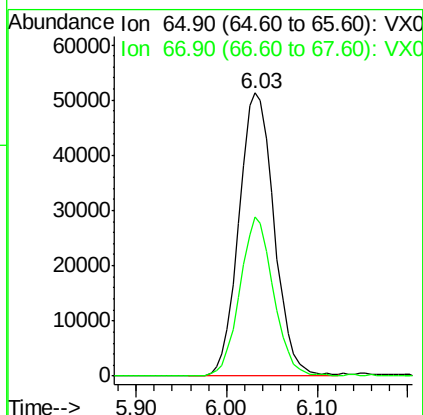
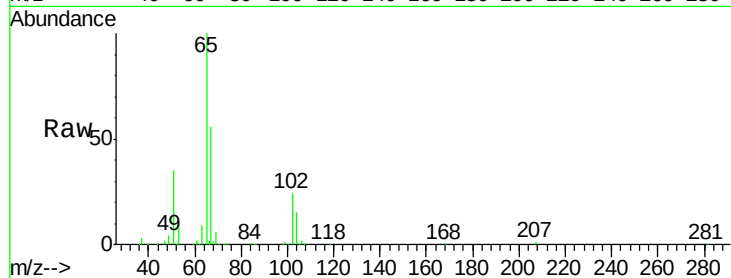




#33
 1,2-Dichloroethane-d4
 Concen: 51.099 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016788.D
 Acq: 16 Jun 2020 18:31

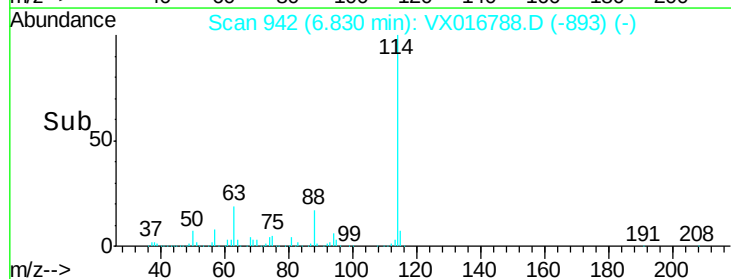
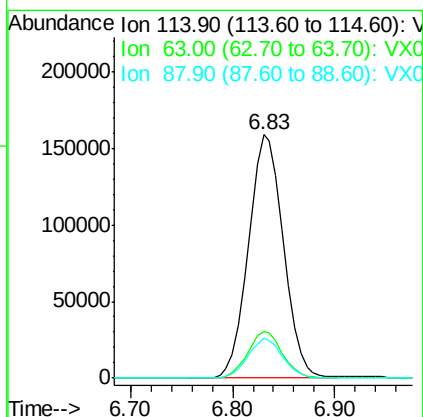
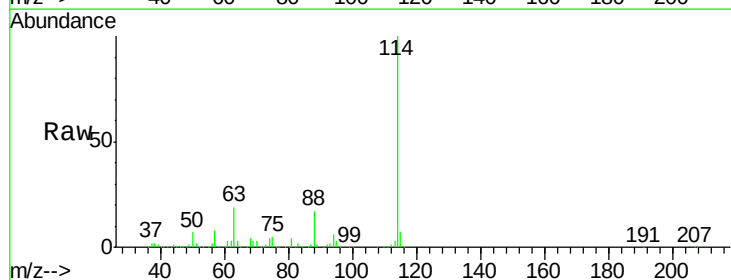
Instrument :
 MSVOA_X
 ClientSampleId :
 16-20-COMP

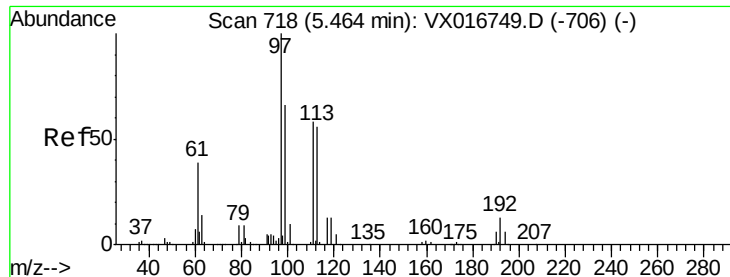
Tot Ion: 65 Resp: 138020
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016788.D
 Acq: 16 Jun 2020 18:31

Tgt Ion: 114 Resp: 378950
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.8
 88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.068 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016788.D

Acq: 16 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampled :

16-20-COMP

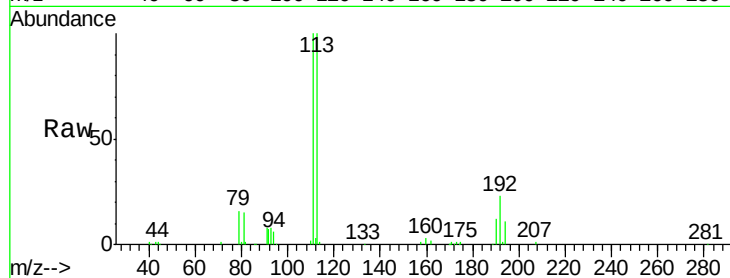
Tot Ion:113 Resp: 117063

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

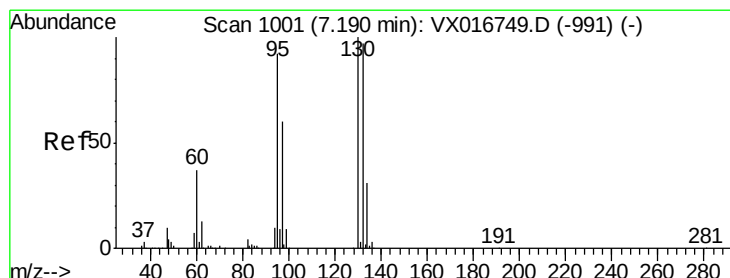
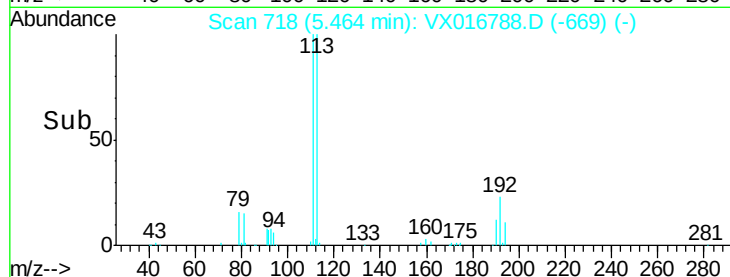
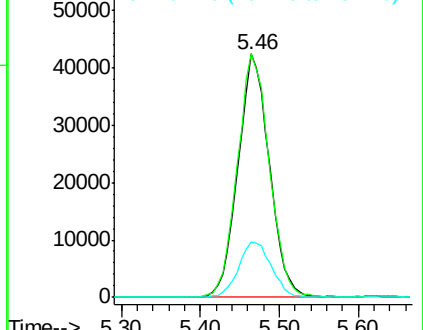
192 23.9 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#44

Trichloroethene

Concen: 0.918 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016788.D

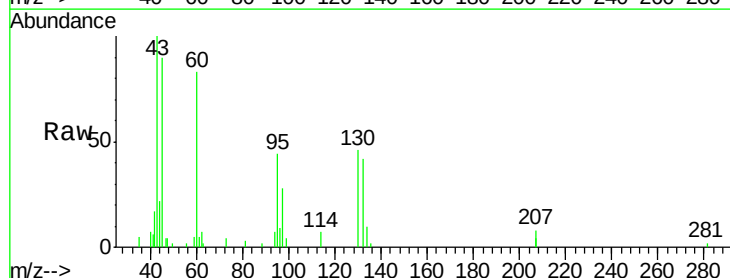
Acq: 16 Jun 2020 18:31

Tgt Ion:130 Resp: 2896

Ion Ratio Lower Upper

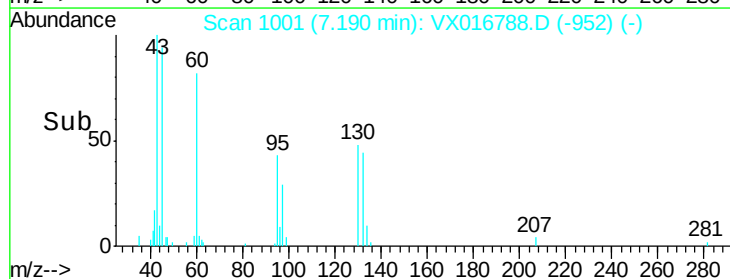
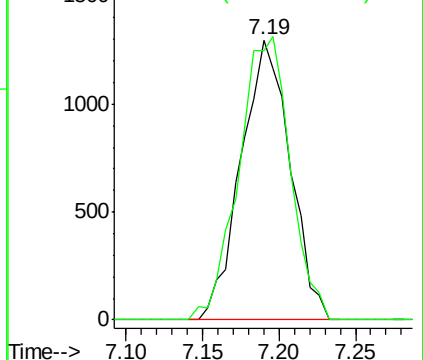
130 100

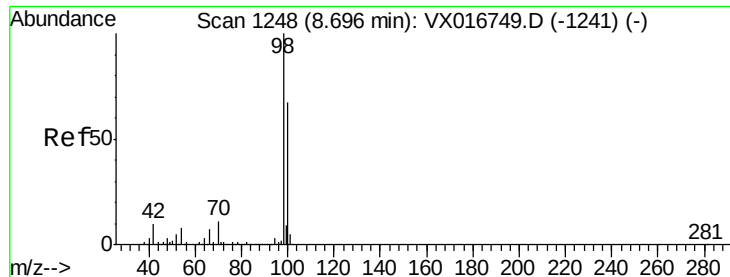
95 96.1 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

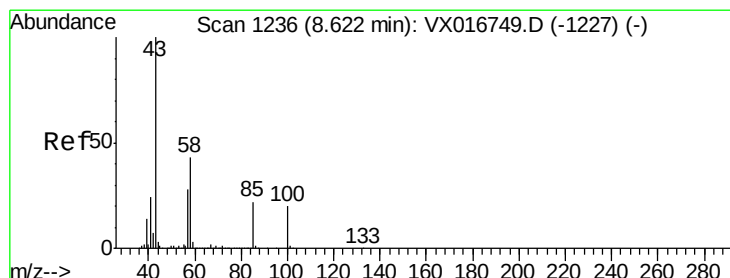
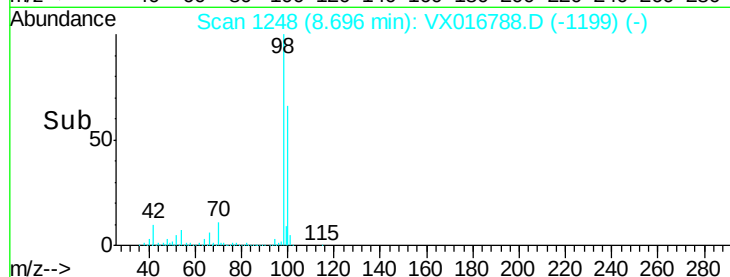
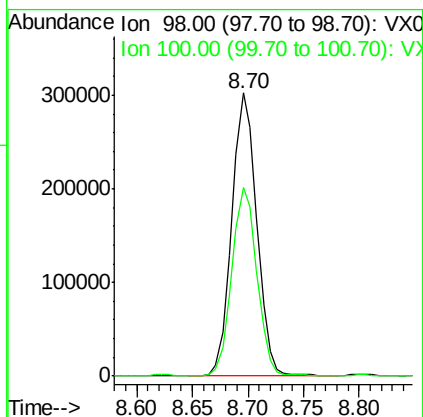
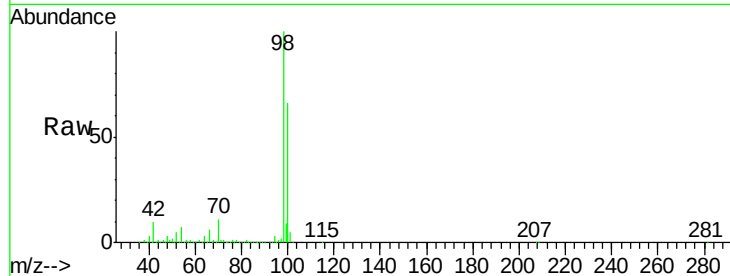




#50
Toluene-d8
Concen: 54.615 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016788.D
Acq: 16 Jun 2020 18:31

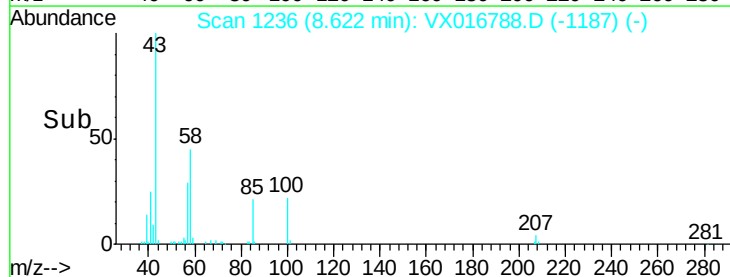
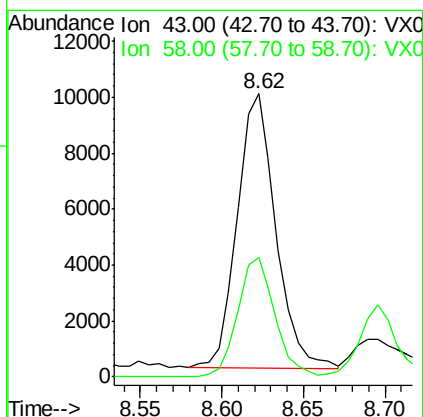
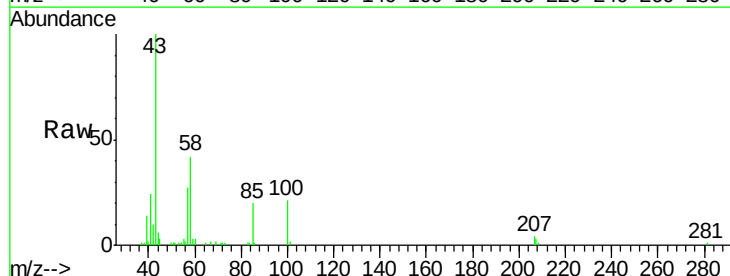
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16-20-COMP

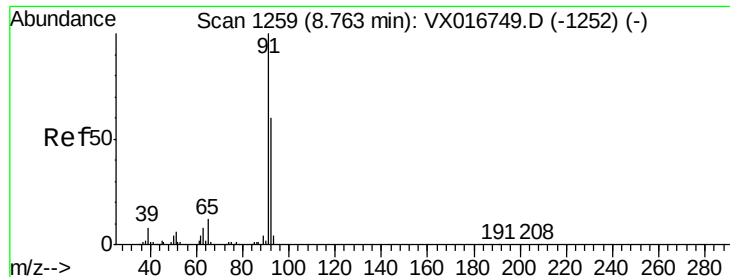
Tot Ion: 98 Resp: 470842
Ion Ratio Lower Upper
98 100
100 66.8 53.9 80.9



#51
4-Methyl-2-Pentanone
Concen: 4.545 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016788.D
Acq: 16 Jun 2020 18:31

Tgt Ion: 43 Resp: 16098
Ion Ratio Lower Upper
43 100
58 42.1 34.6 52.0





#52

Toluene

Concen: 21.471 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016788.D

Acq: 16 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

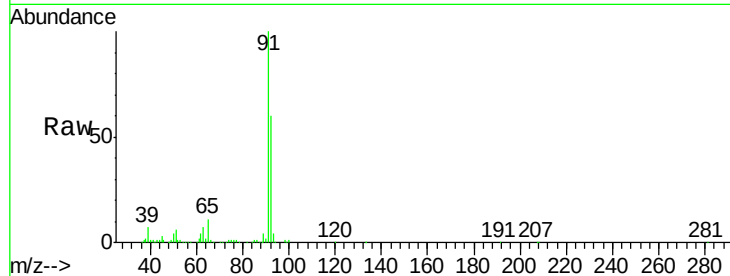
16-20-COMP

Tot Ion: 92 Resp: 142203

Ion Ratio Lower Upper

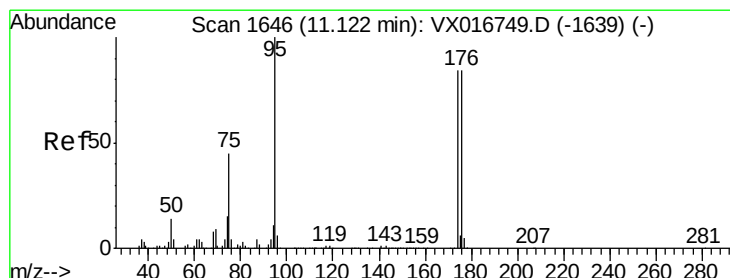
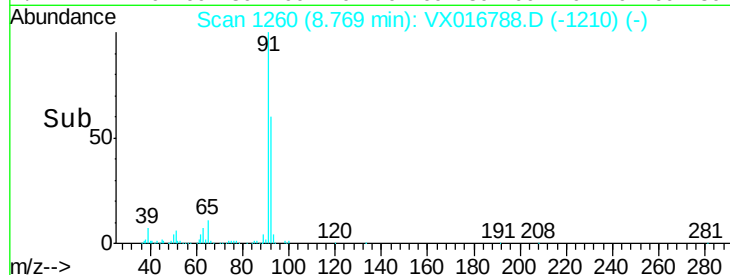
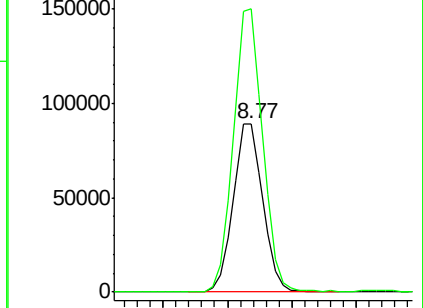
92 100

91 167.3 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 58.785 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016788.D

Acq: 16 Jun 2020 18:31

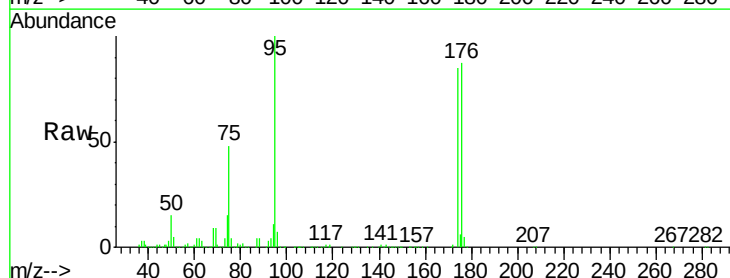
Tgt Ion: 95 Resp: 193846

Ion Ratio Lower Upper

95 100

174 87.6 0.0 171.0

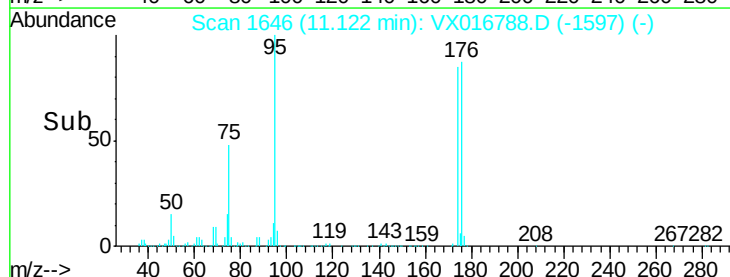
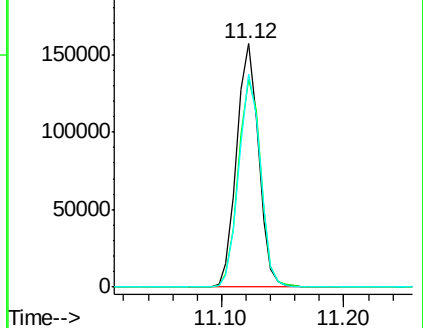
176 86.2 0.0 166.2

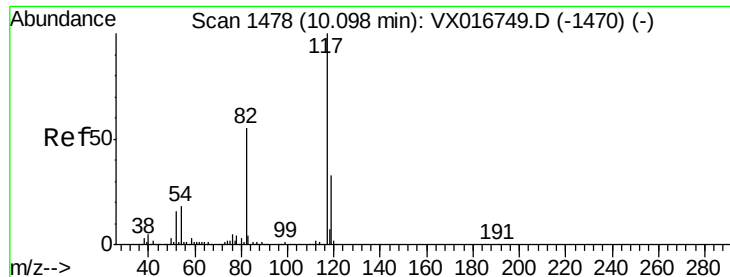


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

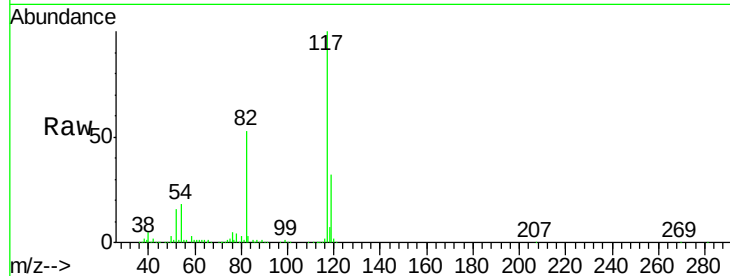




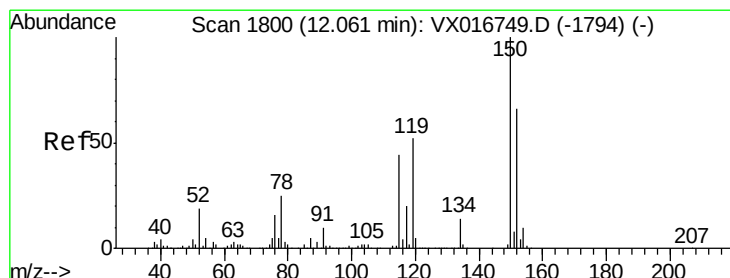
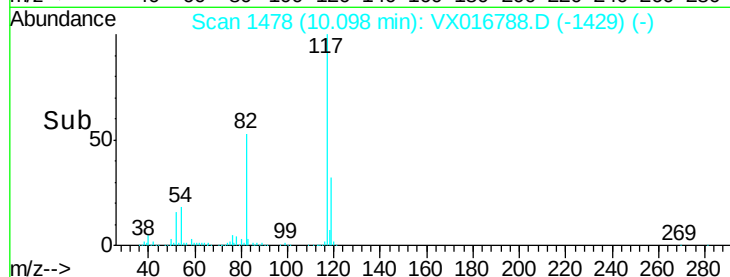
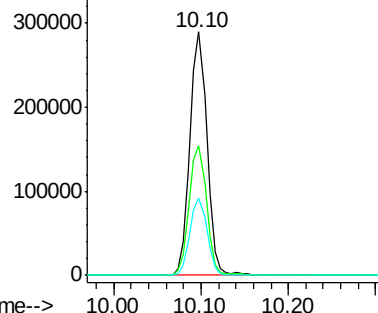
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016788.D
Acq: 16 Jun 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
16-20-COMP

Tot Ion:117 Resp: 391963
Ion Ratio Lower Upper
117 100
82 53.4 43.8 65.6
119 31.6 26.2 39.4

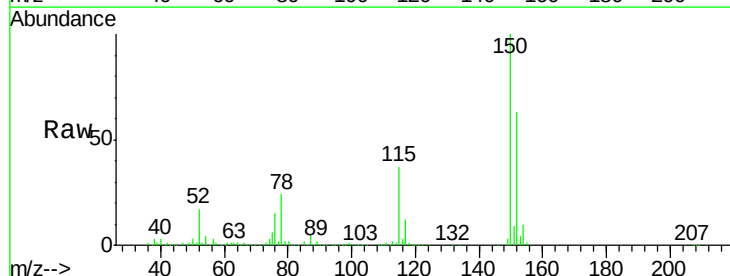


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

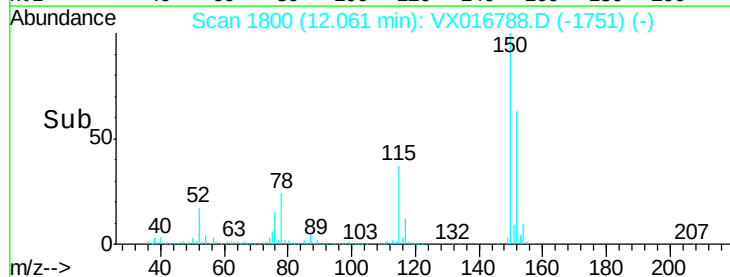
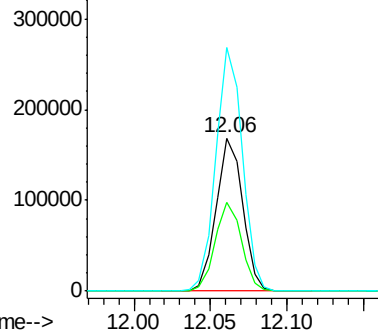


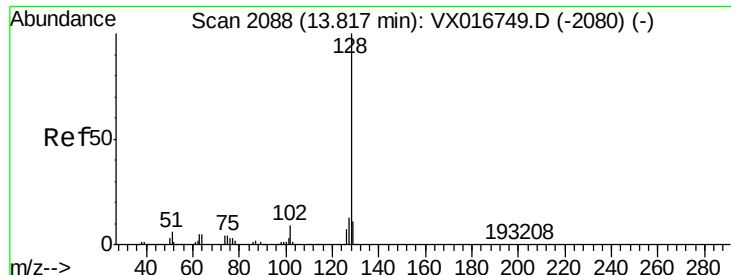
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016788.D
Acq: 16 Jun 2020 18:31

Tgt Ion:152 Resp: 203456
Ion Ratio Lower Upper
152 100
115 57.7 40.3 120.8
150 158.9 0.0 337.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 0.280 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016788.D
Acq: 16 Jun 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
16-20-COMP

Tot Ion	Ratio	Lower	Upper
128	100		
127	19.4	10.2	15.4
129	23.7	8.8	13.2

