

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019519.D
 Acq On : 21 Nov 2020 02:00
 Operator : JC/MD
 Sample : L4779-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1641

Quant Time: Nov 21 06:10:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	259209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	424787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158624	47.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.40%
35) Dibromofluoromethane	5.46	113	126649	47.50	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.00%
50) Toluene-d8	8.70	98	497365	48.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.00%
62) 4-Bromofluorobenzene	11.12	95	176789	47.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.84%

Target Compounds

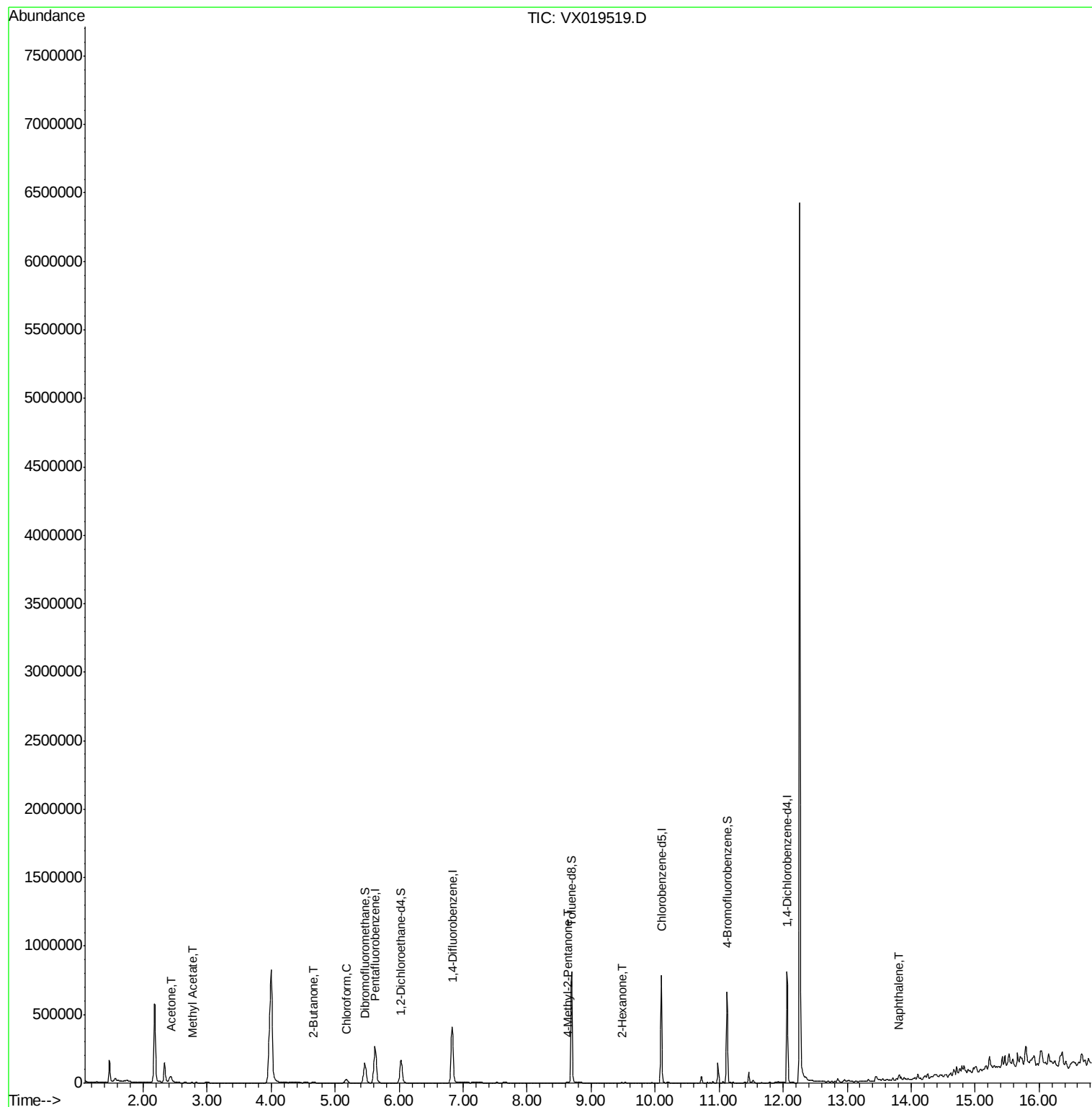
					Qvalue	
16) Acetone	2.44	43	26803	20.622	ug/l #	1
18) Methyl Acetate	2.77	43	3360	1.675	ug/l	98
25) 2-Butanone	4.66	43	6658	3.410	ug/l #	86
30) Chloroform	5.17	83	33946	6.364	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	4990	1.362	ug/l	93
59) 2-Hexanone	9.48	43	1732	0.623	ug/l	92
95) Naphthalene	13.82	128	15711	3.398	ug/l #	95

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

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Instrument :
MSVOA_X
ClientSampleId :
1641

Quant Time: Nov 21 06:10:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019519.D

Acq: 21 Nov 2020 02:00

Instrument :

MSVOA_X

ClientSampleId :

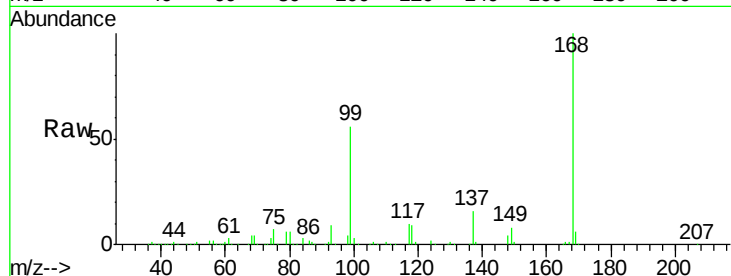
1641

Tot Ion:168 Resp: 259209

Ion Ratio Lower Upper

168 100

99 55.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

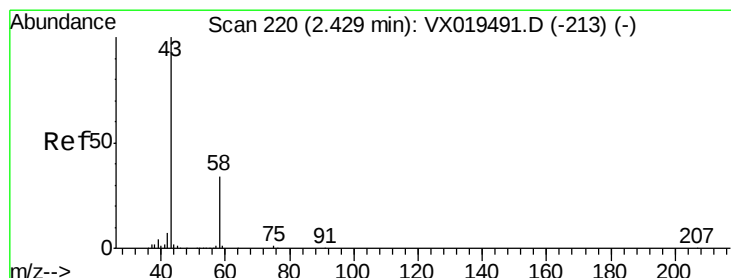
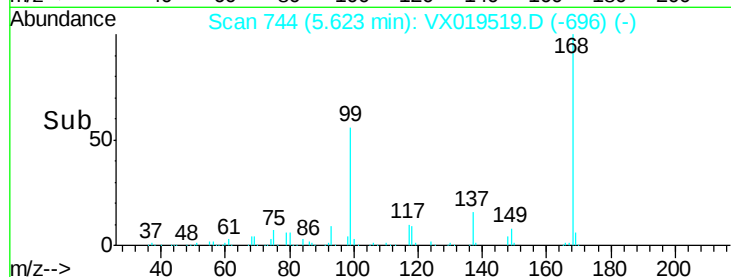
40000

20000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 20.622 ug/l

RT: 2.44 min Scan# 222

Delta R.T. 0.01 min

Lab File: VX019519.D

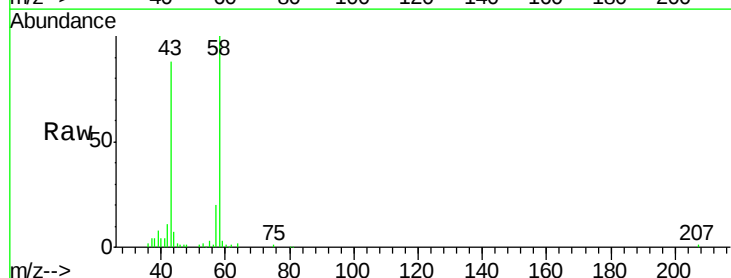
Acq: 21 Nov 2020 02:00

Tgt Ion: 43 Resp: 26803

Ion Ratio Lower Upper

43 100

58 106.1 27.4 41.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

100000

80000

60000

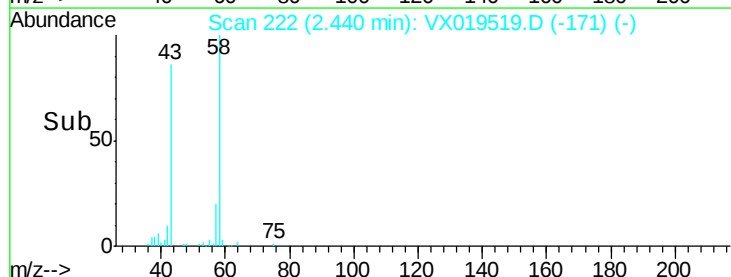
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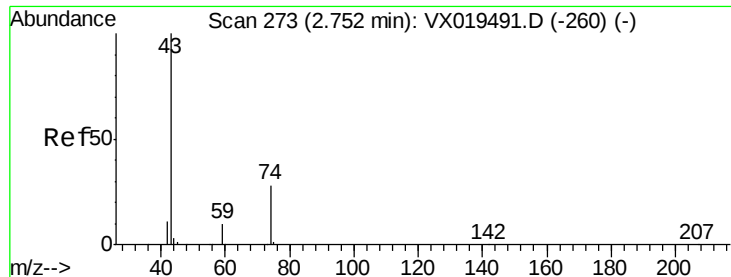
20000

0

Time-->

2.35 2.40 2.45 2.50 2.55

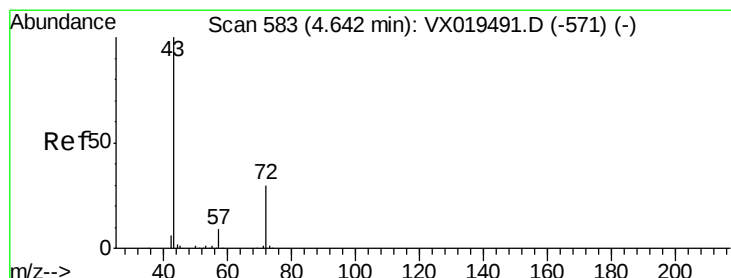
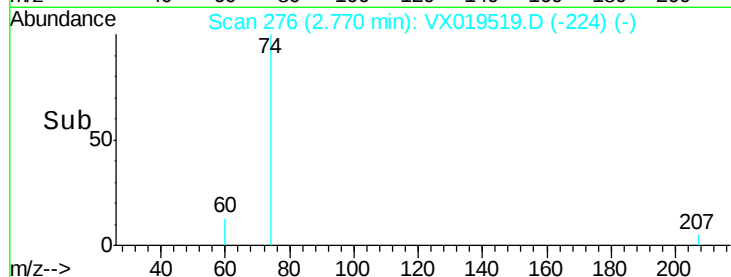
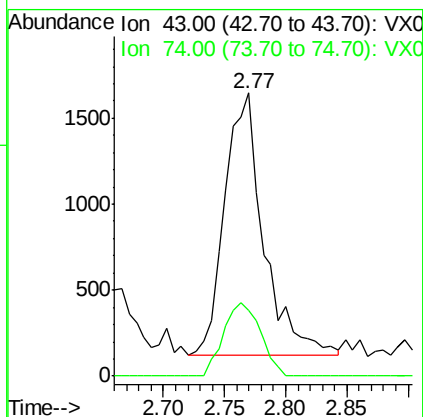
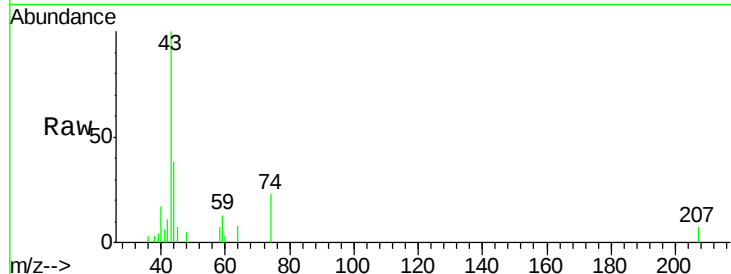




#18
Methyl Acetate
Concen: 1.675 ug/l
RT: 2.77 min Scan# 276
Delta R.T. 0.02 min
Lab File: VX019519.D
Acq: 21 Nov 2020 02:00

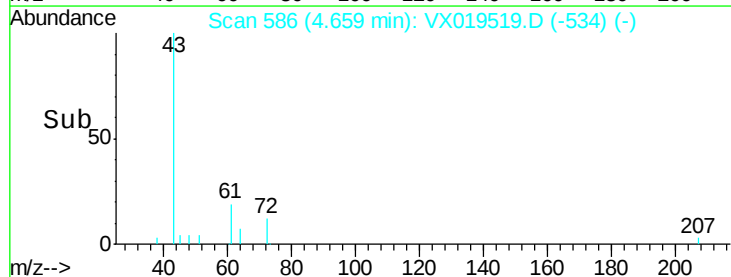
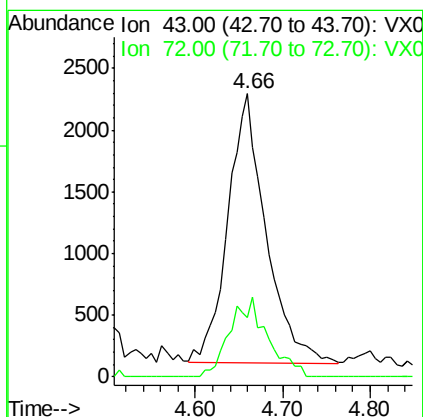
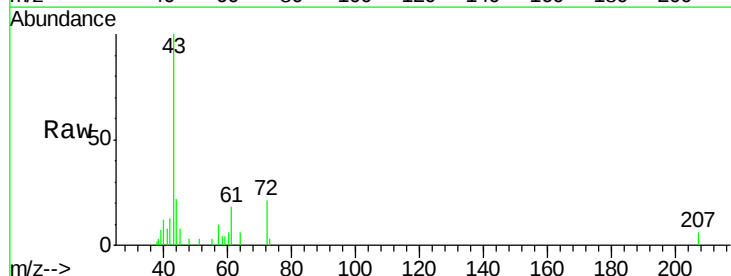
Instrument :
MSVOA_X
ClientSampled :
1641

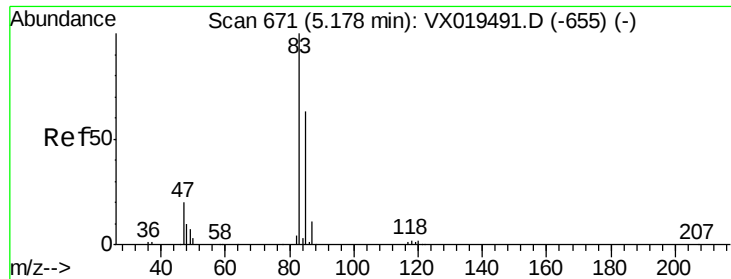
Tot Ion: 43 Resp: 3360
Ion Ratio Lower Upper
43 100
74 26.8 22.2 33.4



#25
2-Butanone
Concen: 3.410 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX019519.D
Acq: 21 Nov 2020 02:00

Tgt Ion: 43 Resp: 6658
Ion Ratio Lower Upper
43 100
72 22.2 24.0 36.0#

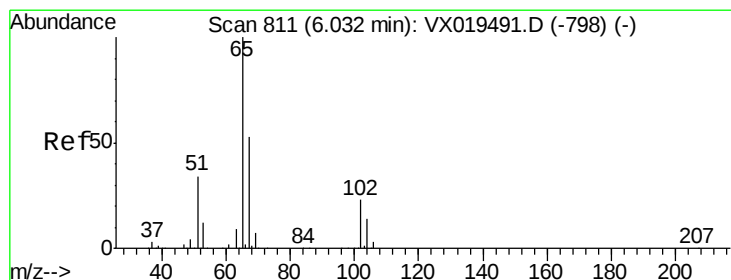
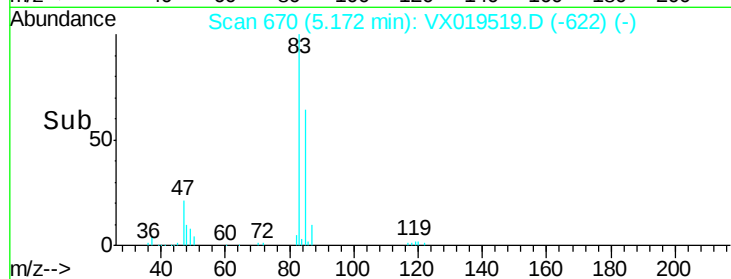
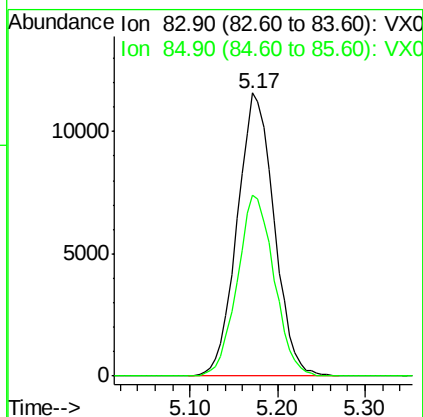
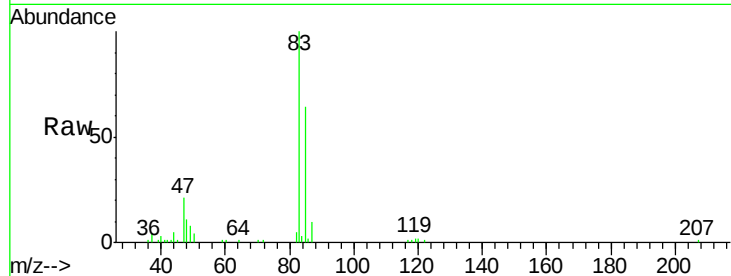




#30
Chloroform
Concen: 6.364 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019519.D
Acq: 21 Nov 2020 02:00

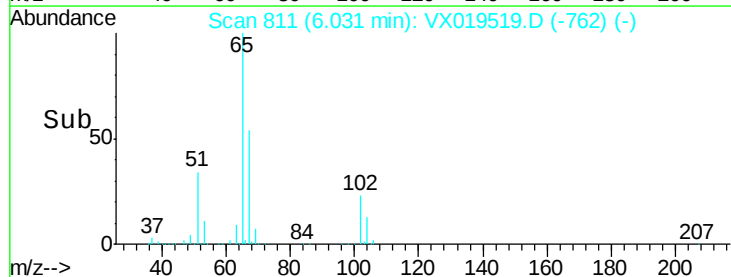
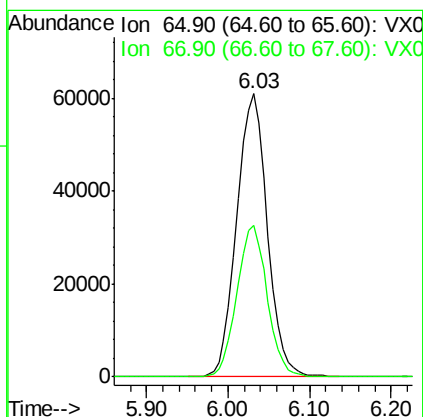
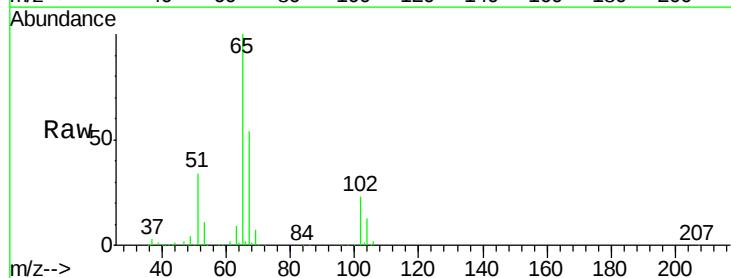
Instrument :
MSVOA_X
ClientSampled :
1641

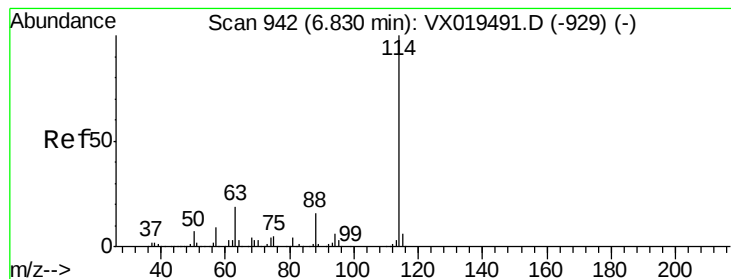
Tot Ion: 83 Resp: 33946
Ion Ratio Lower Upper
83 100
85 63.8 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 47.197 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019519.D
Acq: 21 Nov 2020 02:00

Tgt Ion: 65 Resp: 158624
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019519.D

Acq: 21 Nov 2020 02:00

Instrument :

MSVOA_X

ClientSampleId :

1641

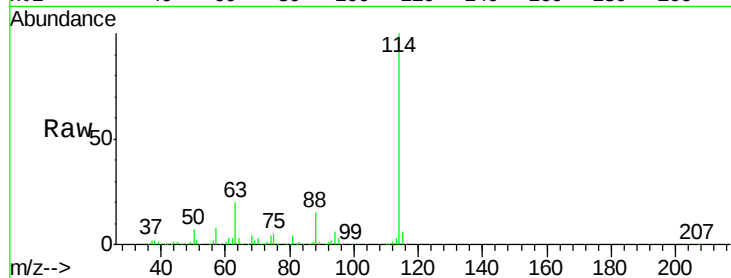
Tot Ion:114 Resp: 424787

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

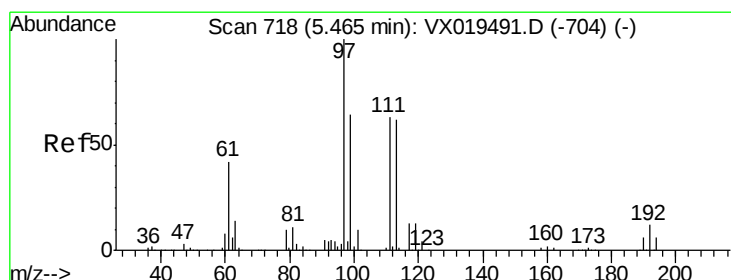
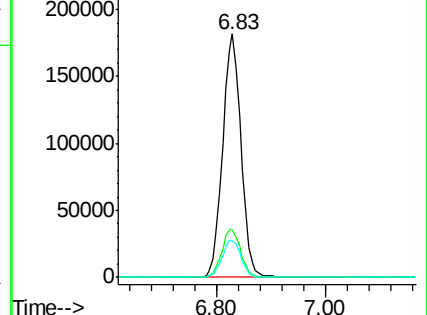
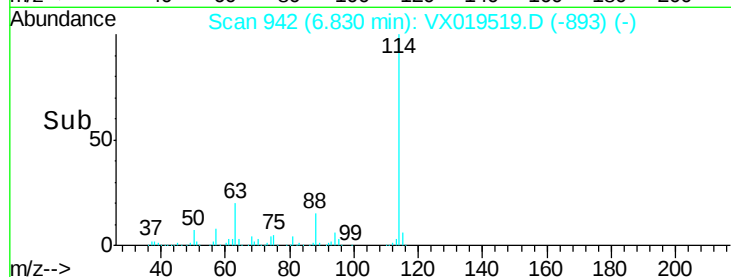
88 15.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.498 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019519.D

Acq: 21 Nov 2020 02:00

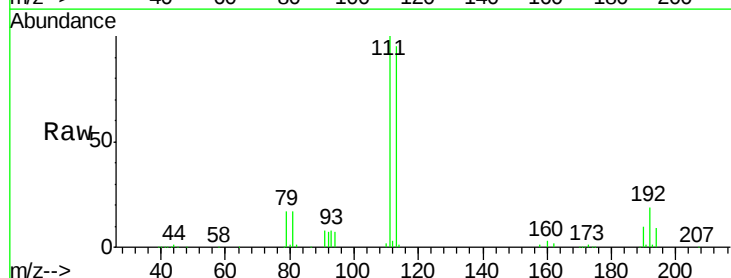
Tgt Ion:113 Resp: 126649

Ion Ratio Lower Upper

113 100

111 103.5 81.5 122.3

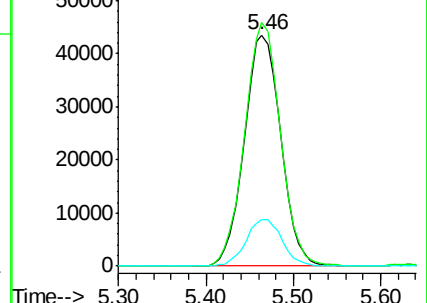
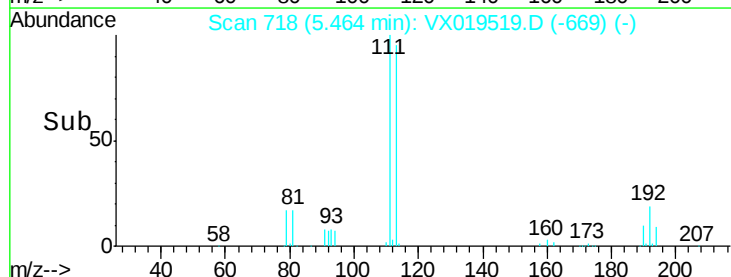
192 19.9 16.2 24.2

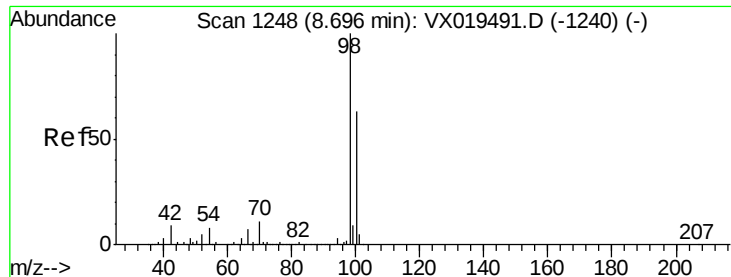


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

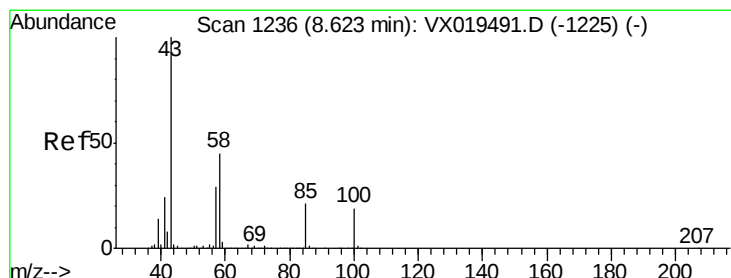
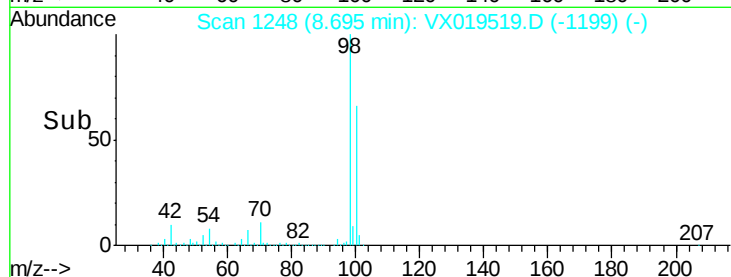
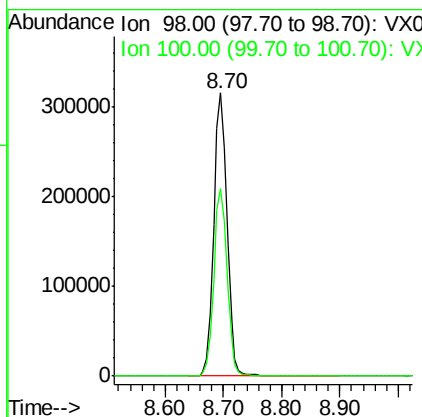
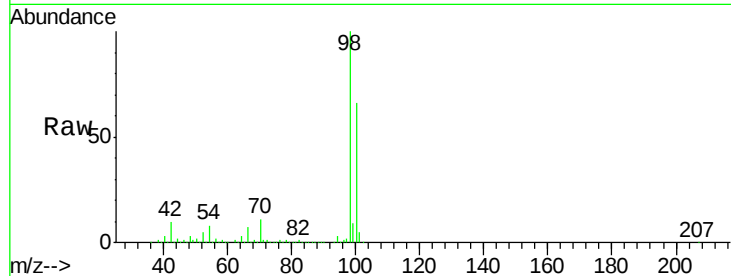




#50
Toluene-d8
Concen: 48.002 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019519.D
Acq: 21 Nov 2020 02:00

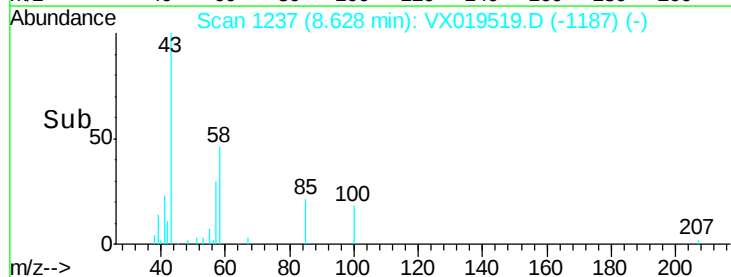
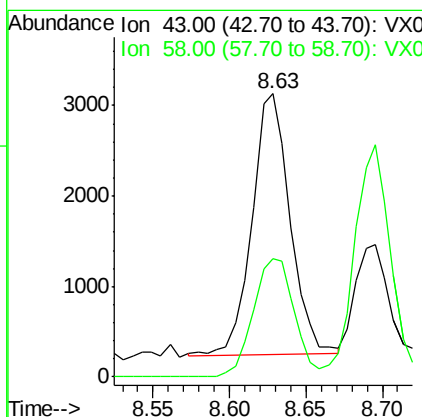
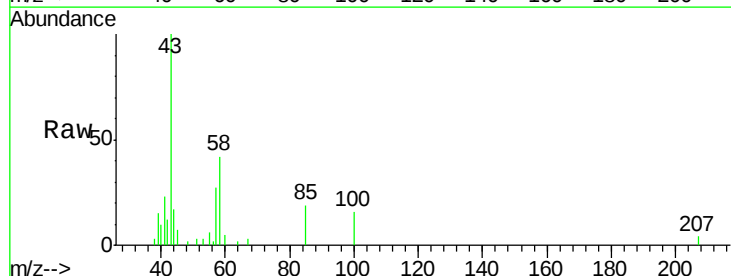
Instrument :
MSVOA_X
ClientSampleId :
1641

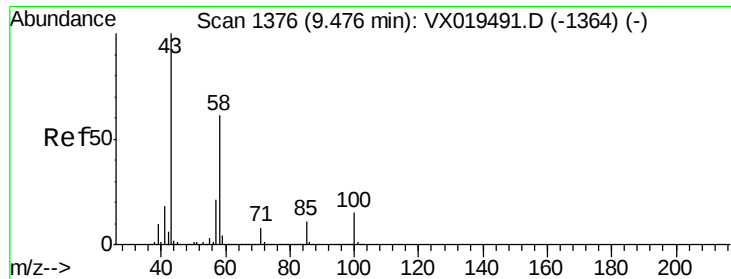
Tot Ion: 98 Resp: 497365
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.362 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX019519.D
Acq: 21 Nov 2020 02:00

Tgt Ion: 43 Resp: 4990
Ion Ratio Lower Upper
43 100
58 48.6 35.1 52.7

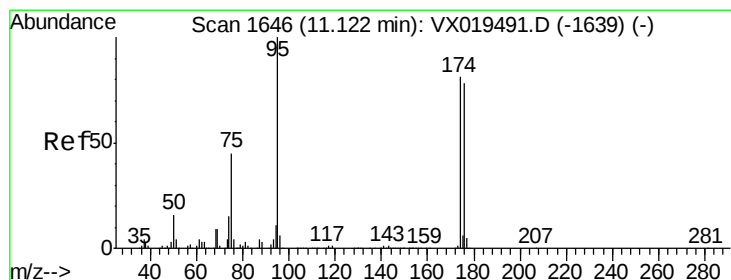
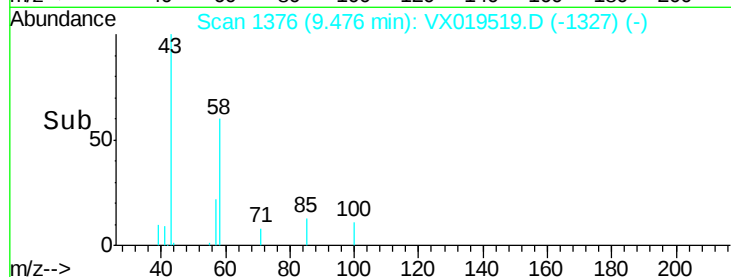
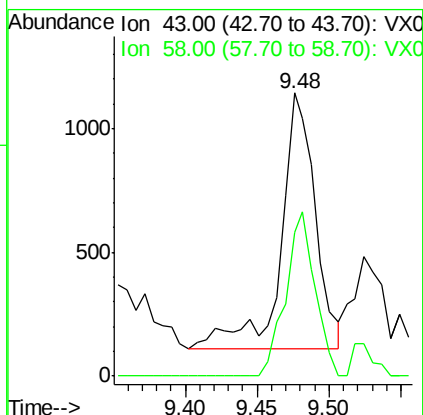
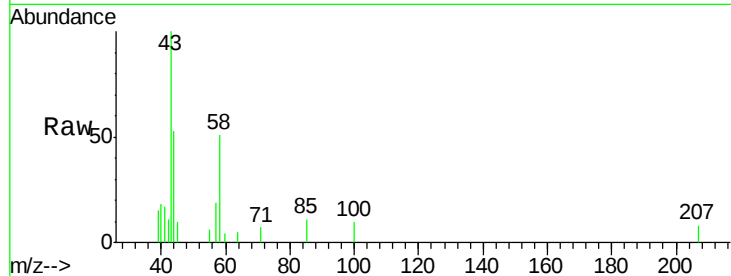




#59
2-Hexanone
Concen: 0.623 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019519.D
Acq: 21 Nov 2020 02:00

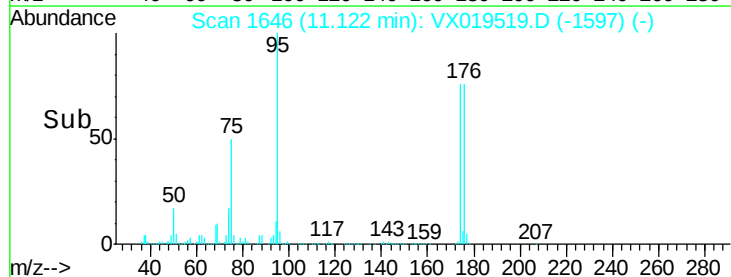
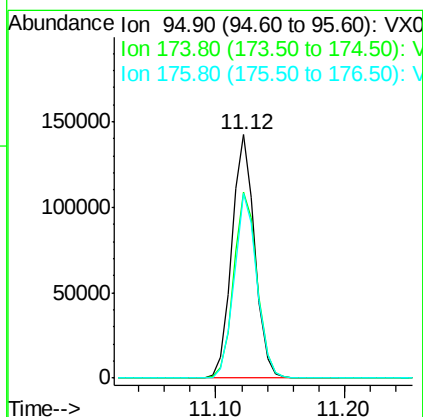
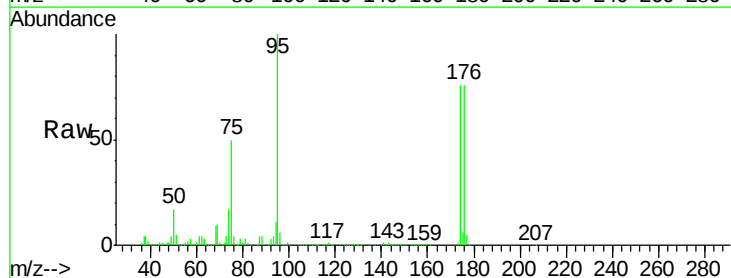
Instrument :
MSVOA_X
ClientSampleId :
1641

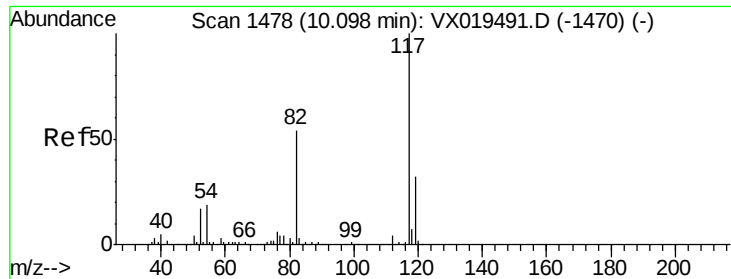
Tot Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
58 54.8 30.6 91.6



#62
4-Bromofluorobenzene
Concen: 47.424 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019519.D
Acq: 21 Nov 2020 02:00

Tgt Ion: 95 Resp: 176789
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.2
176 75.3 0.0 151.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019519.D

Acq: 21 Nov 2020 02:00

Instrument :

MSVOA_X

ClientSampleId :

1641

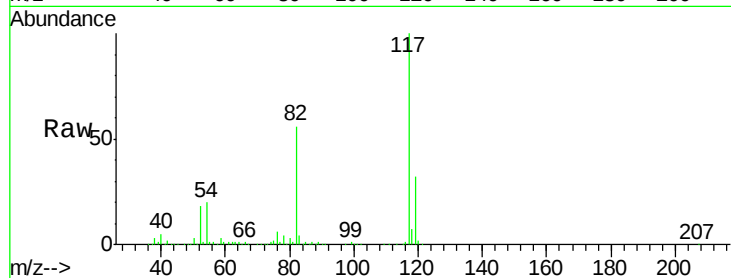
Tot Ion:117 Resp: 366916

Ion Ratio Lower Upper

117 100

82 56.1 43.0 64.4

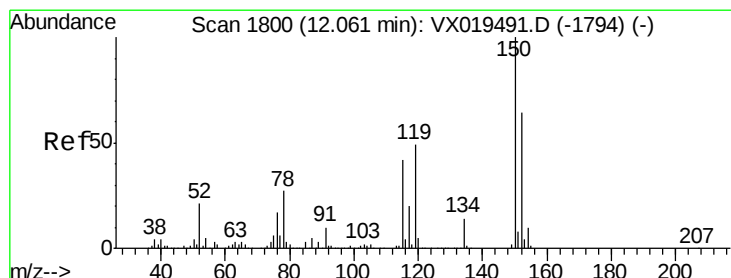
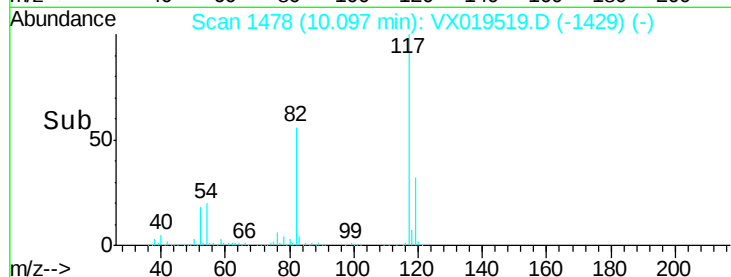
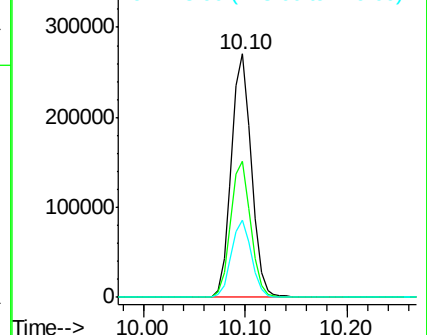
119 31.7 25.6 38.4



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: VX019519.D

Acq: 21 Nov 2020 02:00

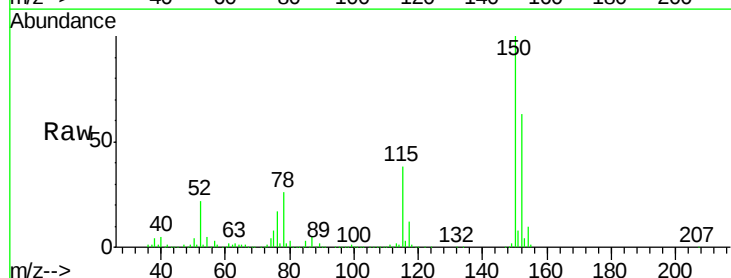
Tgt Ion:152 Resp: 167057

Ion Ratio Lower Upper

152 100

115 60.5 41.8 125.4

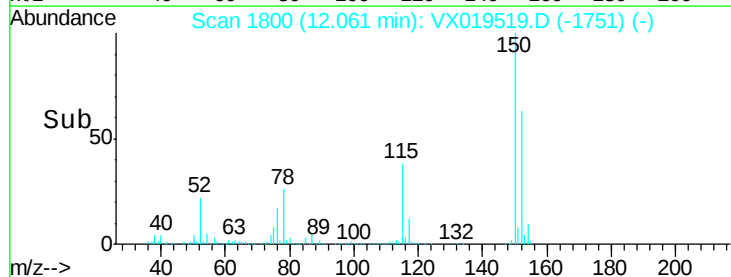
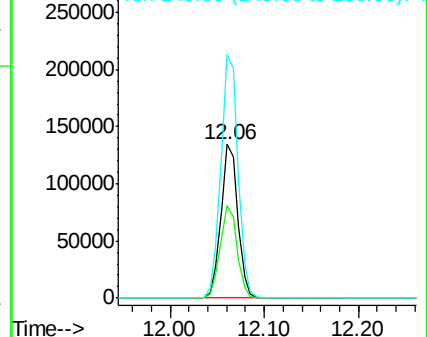
150 161.6 0.0 348.2

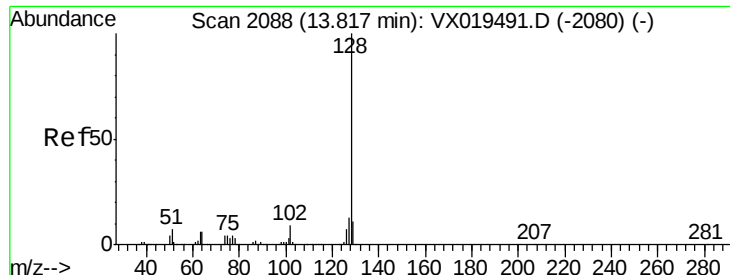


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.398 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019519.D

Acq: 21 Nov 2020 02:00

Instrument :

MSVOA_X

ClientSampleId :

1641

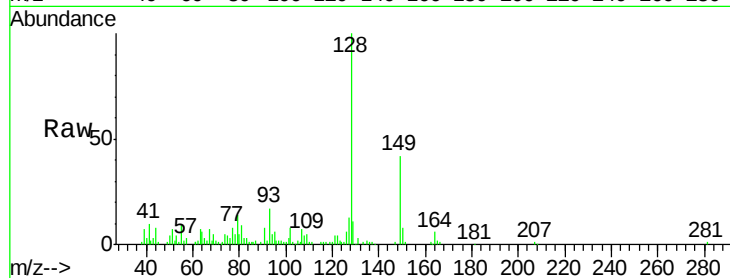
Tot Ion:128 Resp: 15711

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 14.4 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

