

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019521.D
 Acq On : 21 Nov 2020 02:47
 Operator : JC/MD
 Sample : L4779-14 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1605-1607

Manual Integrations
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 11/23/2020 11:05:59 AM

Quant Time: Nov 21 06:22:15 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	281787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	461953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173358	47.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.90%
35) Dibromofluoromethane	5.46	113	135582	46.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.52%
50) Toluene-d8	8.70	98	545443	48.41	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.82%
62) 4-Bromofluorobenzene	11.12	95	196760	48.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.06%

Target Compounds

					Qvalue
11) Tert butyl alcohol	3.00	59	10830m	15.663	ug/l
16) Acetone	2.44	43	22817	16.149	ug/l
17) Carbon Disulfide	2.53	76	8427	1.121	ug/l #
18) Methyl Acetate	2.76	43	1909	1.179	ug/l
25) 2-Butanone	4.66	43	5386	2.538	ug/l
51) 4-Methyl-2-Pentanone	8.63	43	7694	1.931	ug/l
84) 1,2,4-Trimethylbenzene	11.79	105	2860	0.250	ug/l

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

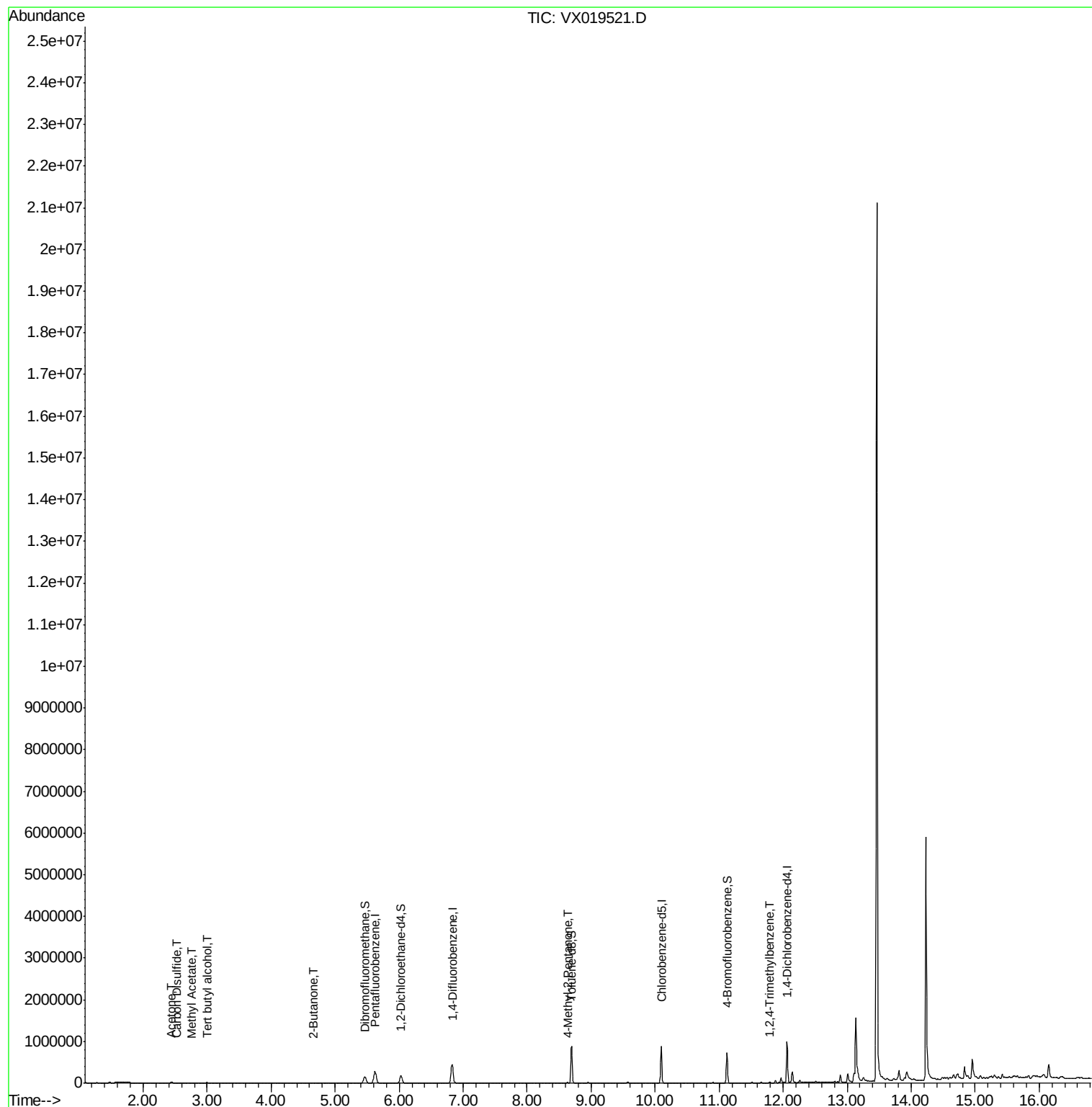
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019521.D
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

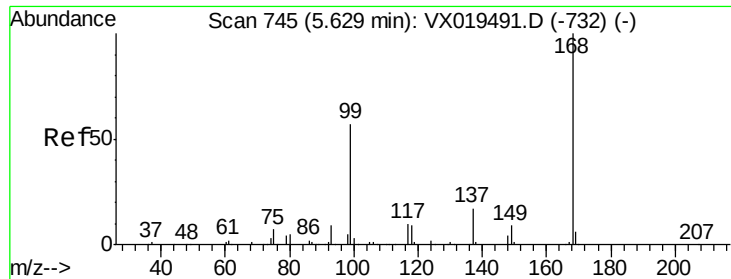
Instrument :
MSVOA_X
ClientSampleId :
COMP-1605-1607

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Quant Time: Nov 21 06:22:15 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019521.D

Acq: 21 Nov 2020 02:47

Instrument :

MSVOA_X

ClientSampleId :

COMP-1605-1607

Tot Ion:168 Resp: 281787

Ion Ratio Lower Upper

168 100

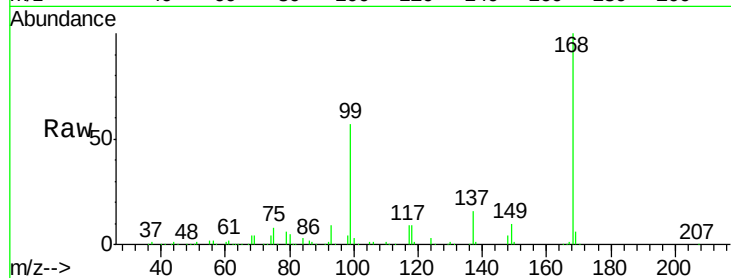
99 57.1 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

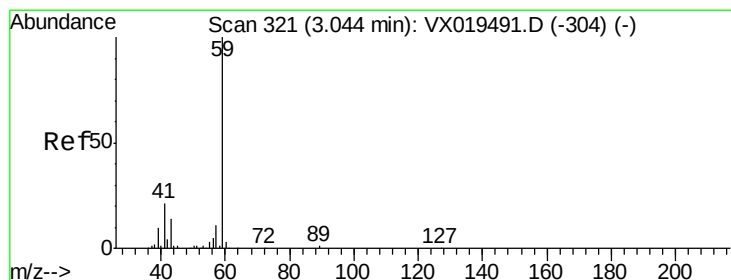
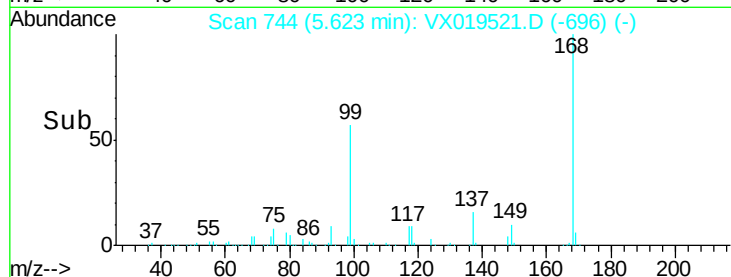
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 15.663 ug/l m

RT: 3.00 min Scan# 313

Delta R.T. -0.05 min

Lab File: VX019521.D

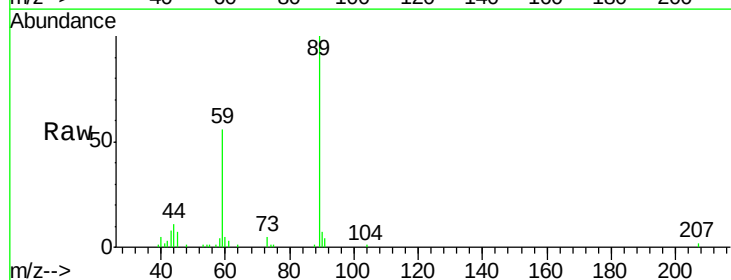
Acq: 21 Nov 2020 02:47

Tgt Ion: 59 Resp: 10830

Ion Ratio Lower Upper

59 100

57 1.3 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.00

3000

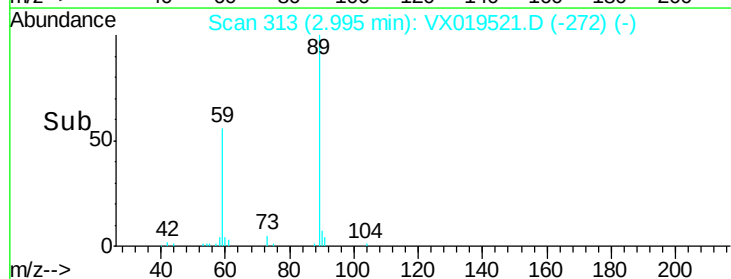
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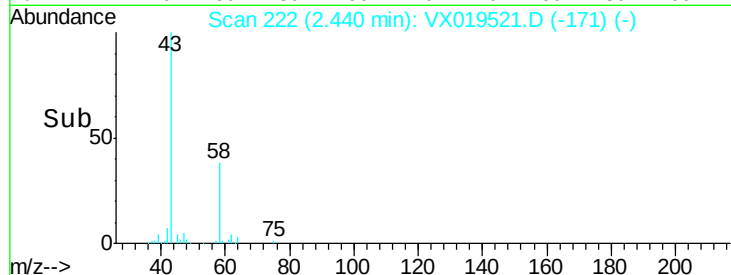
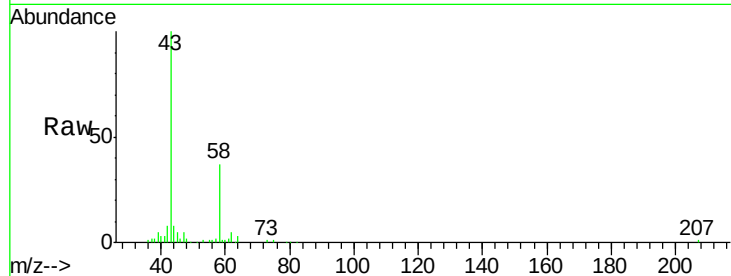
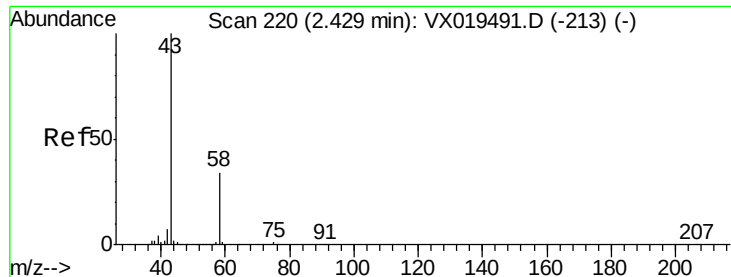
1000

0

Time-->

2.90 3.00 3.10 3.20





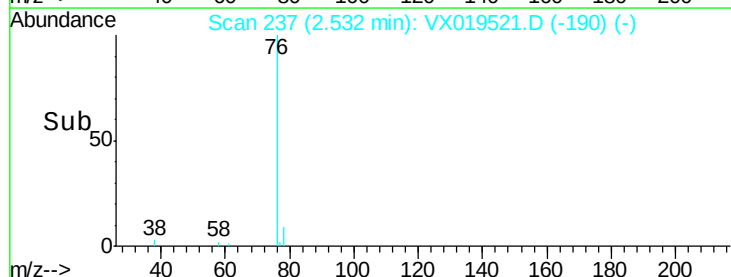
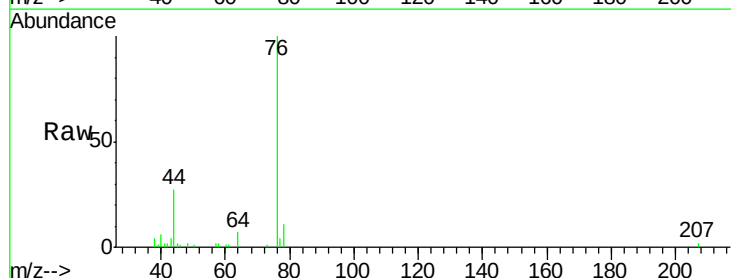
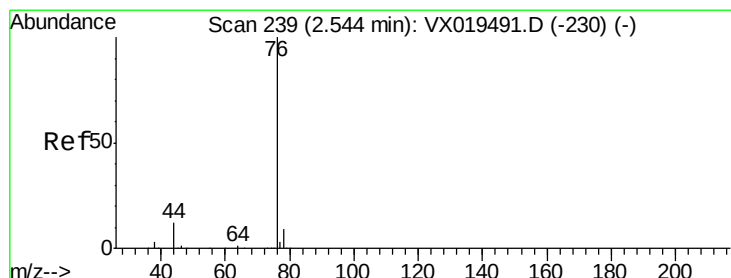
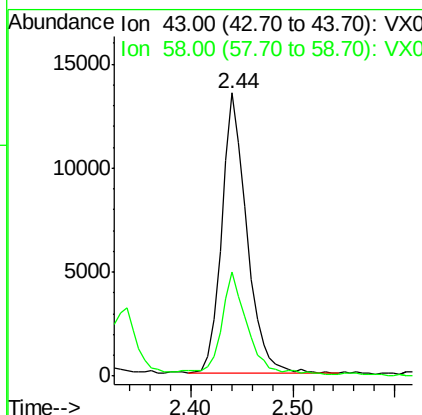
#16
Acetone
Concen: 16.149 ug/l
RT: 2.44 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX019521.D
Acq: 21 Nov 2020 02:47

Tot Ion	43	58	Ratio	100	36.4	Resp	22817	Lower	27.4	Upper	41.2
Ion	43	58	Ratio	100	36.4	Resp	22817	Lower	27.4	Upper	41.2

Instrument :
MSVOA_X
ClientSampleId :
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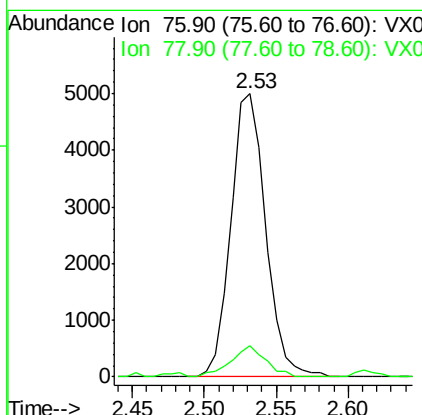
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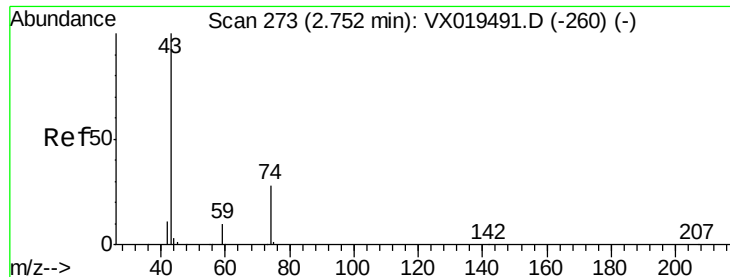
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#17
Carbon Disulfide
Concen: 1.121 ug/l
RT: 2.53 min Scan# 237
Delta R.T. -0.01 min
Lab File: VX019521.D
Acq: 21 Nov 2020 02:47

Tgt Ion	76	78	Ratio	100	11.1	Resp	8427	Lower	7.2	Upper	10.8#
Ion	76	78	Ratio	100	11.1	Resp	8427	Lower	7.2	Upper	10.8#





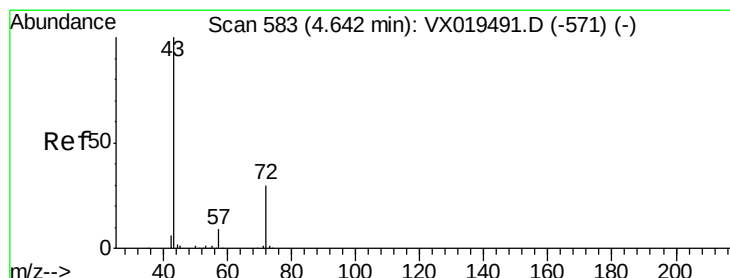
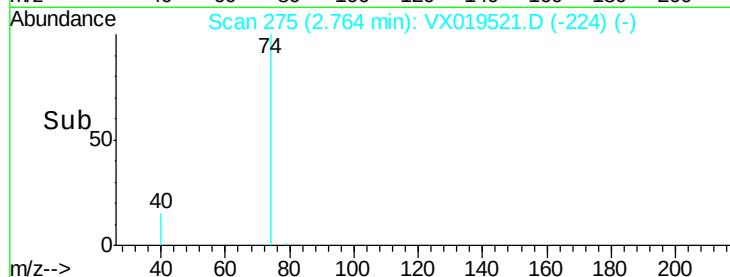
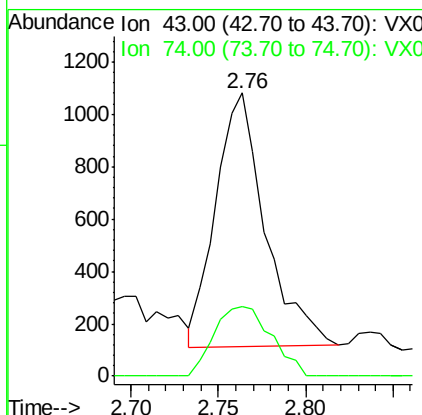
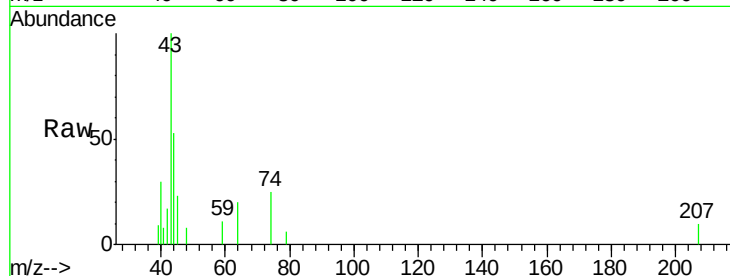
#18
Methyl Acetate
Concen: 1.179 ug/l
RT: 2.76 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX019521.D
Acq: 21 Nov 2020 02:47

Instrument :
MSVOA_X
ClientSampleId :
COMP-1605-1607

Tot Ion: 43 Resp: 1909
Ion Ratio Lower Upper
43 100
74 31.5 22.2 33.4

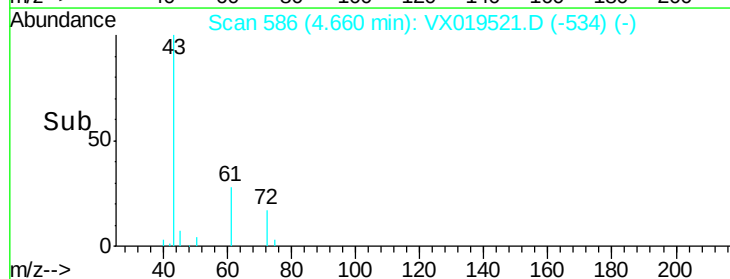
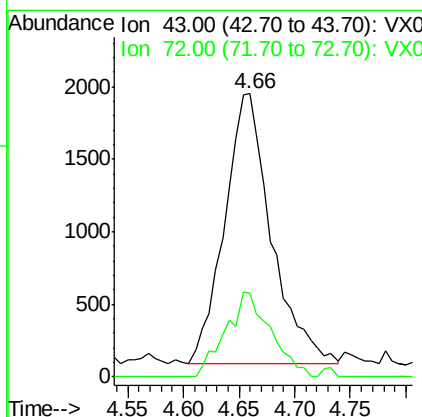
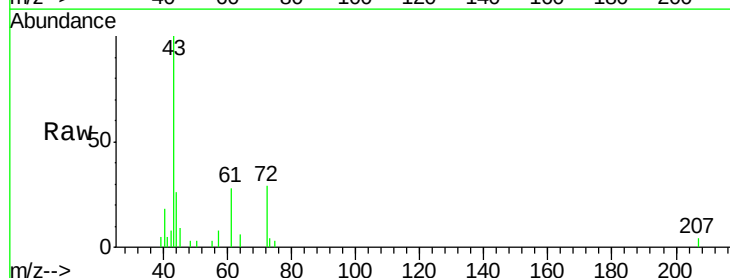
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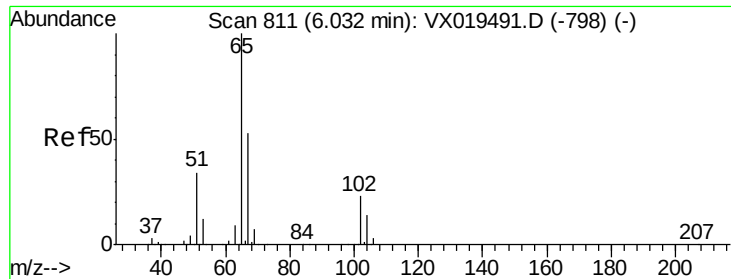
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#25
2-Butanone
Concen: 2.538 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX019521.D
Acq: 21 Nov 2020 02:47

Tgt Ion: 43 Resp: 5386
Ion Ratio Lower Upper
43 100
72 30.9 24.0 36.0





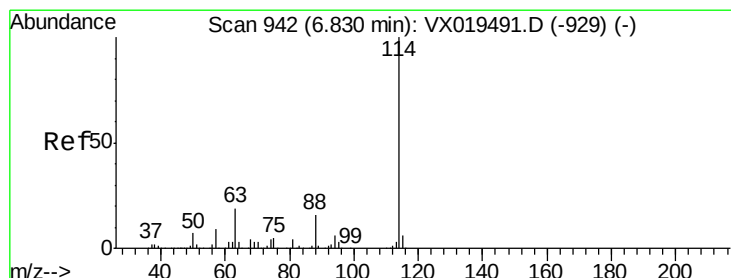
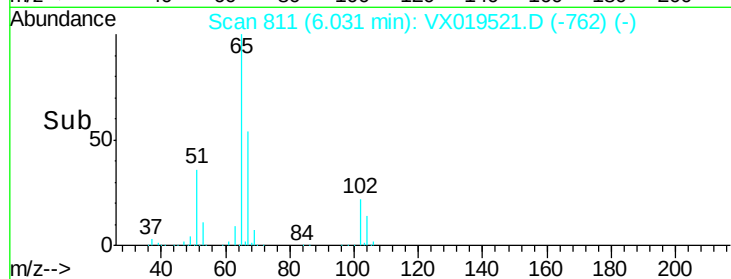
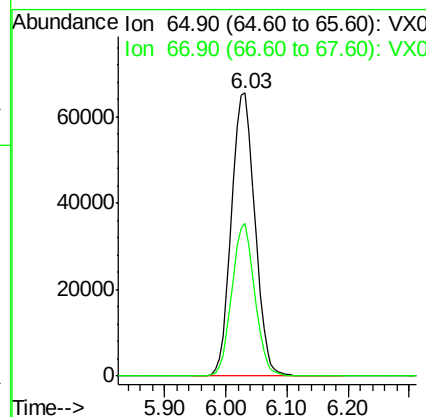
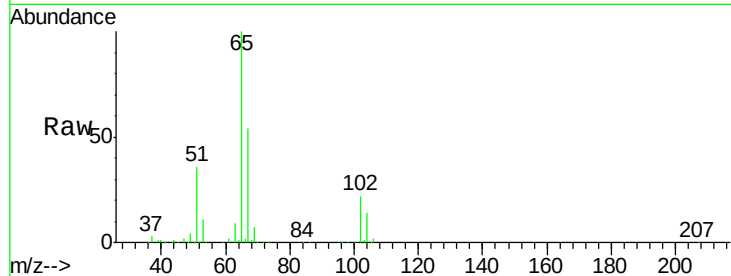
#33
 1,2-Dichloroethane-d4
 Concen: 47.448 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019521.D
 Acq: 21 Nov 2020 02:47

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1605-1607

Tot Ion	Ratio	Resp	Lower	Upper
65	100	173358		
67	52.4	0.0	105.0	

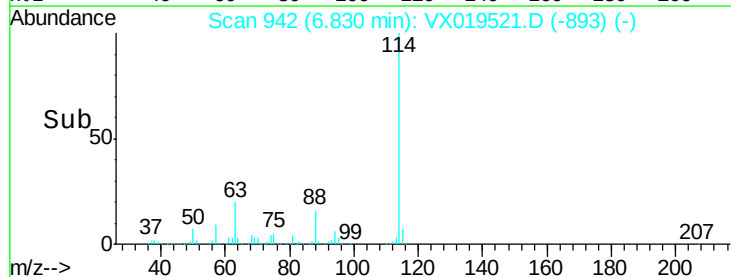
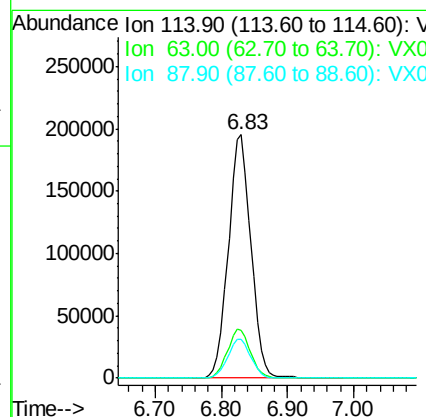
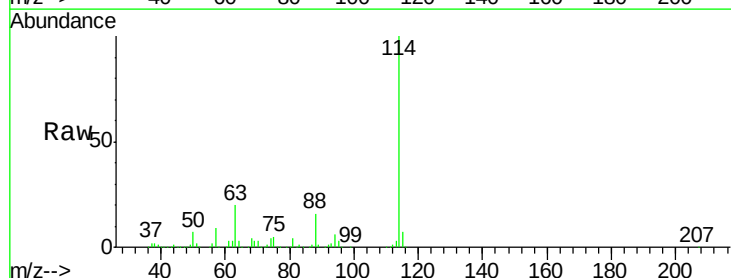
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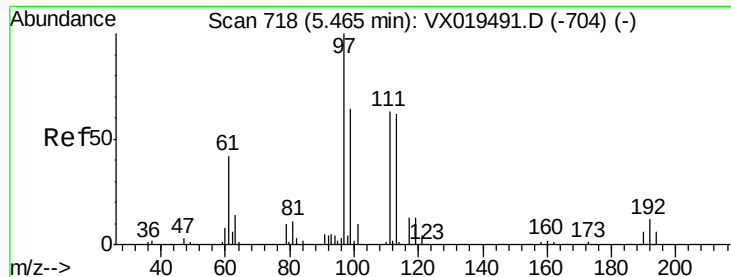
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019521.D
 Acq: 21 Nov 2020 02:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	461953		
63	19.6	0.0	38.8	
88	15.9	0.0	31.6	





#35

Dibromofluoromethane

Concen: 46.758 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019521.D

Acq: 21 Nov 2020 02:47

Instrument :

MSVOA_X

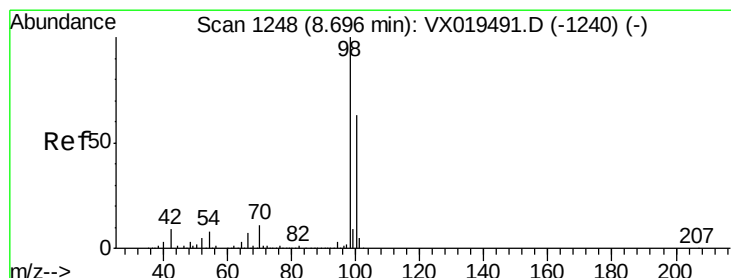
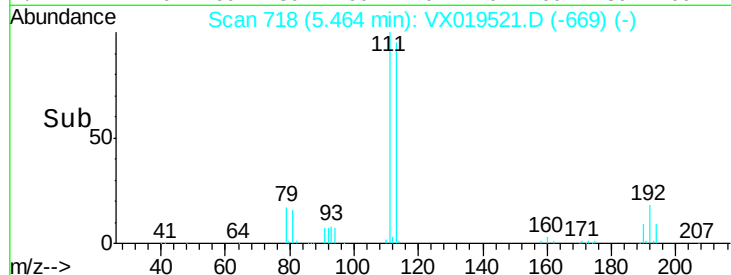
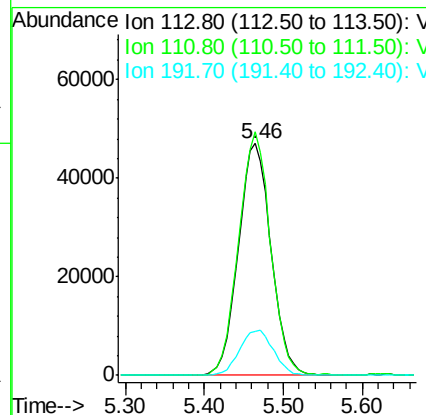
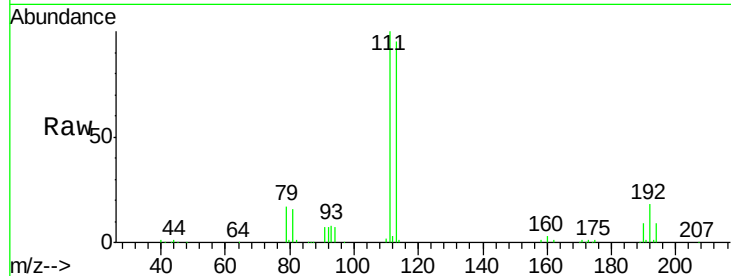
ClientSampleId :

COMP-1605-1607

Tot Ion:	113	Resp:	135582
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.5	122.3
192	20.1	16.2	24.2

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#50

Toluene-d8

Concen: 48.407 ug/l

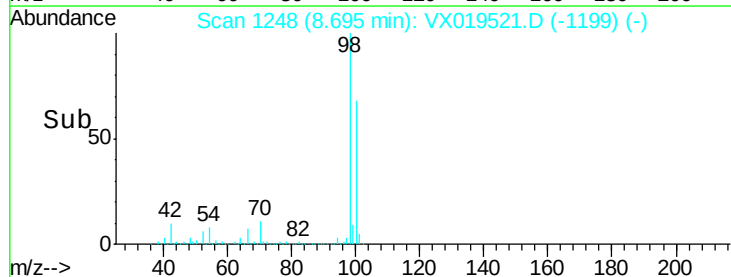
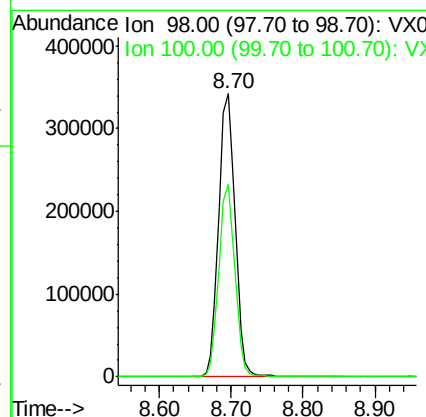
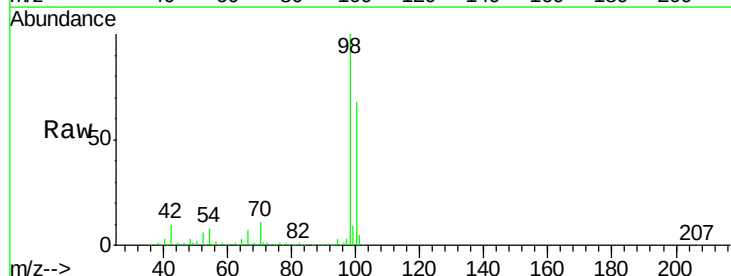
RT: 8.70 min Scan# 1248

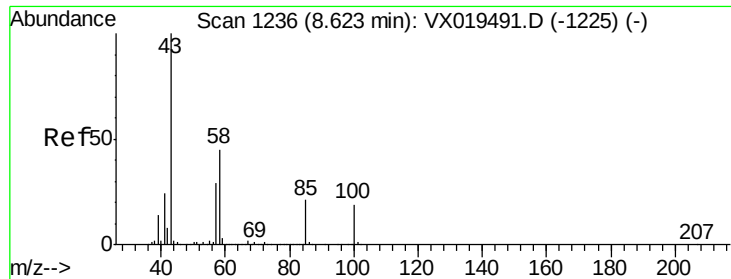
Delta R.T. -0.00 min

Lab File: VX019521.D

Acq: 21 Nov 2020 02:47

Tgt Ion:	98	Resp:	545443
Ion Ratio	Lower	Upper	
98	100		
100	66.4	52.4	78.6





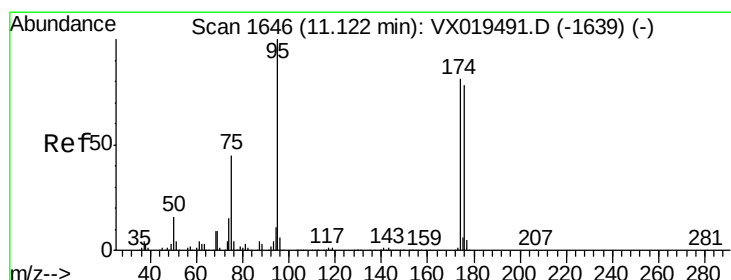
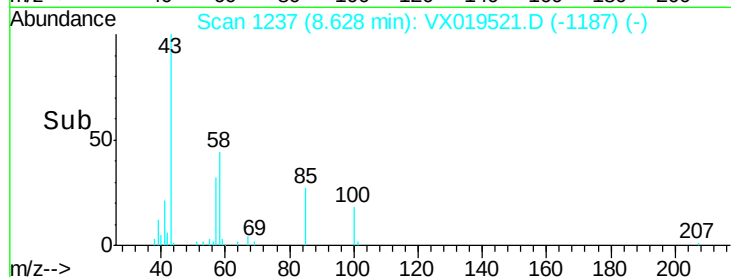
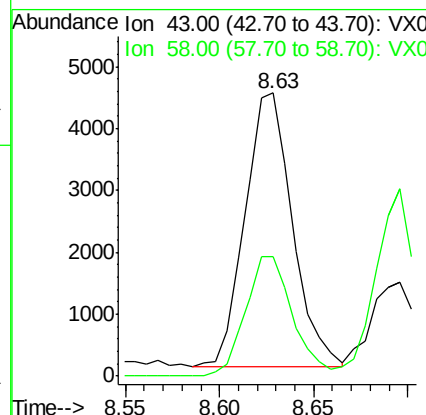
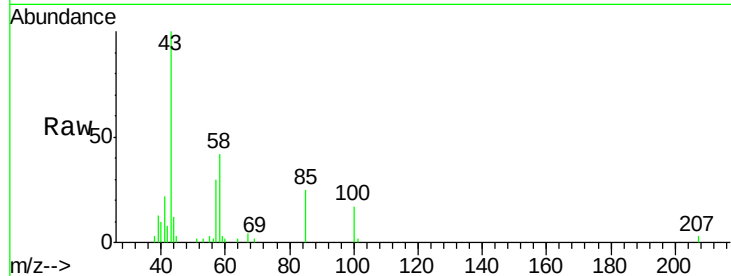
#51
4-Methyl-2-Pentanone
Concen: 1.931 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX019521.D
Acq: 21 Nov 2020 02:47

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion: 43 Resp: 7694
Ion Ratio Lower Upper
43 100
58 43.4 35.1 52.7

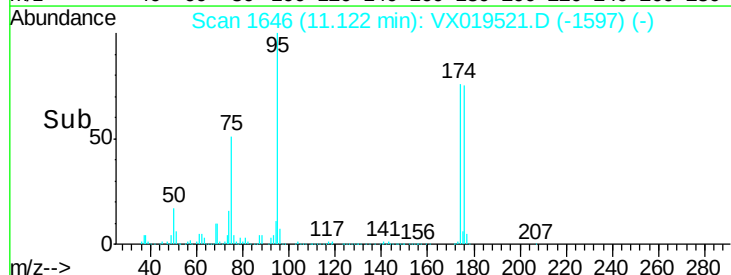
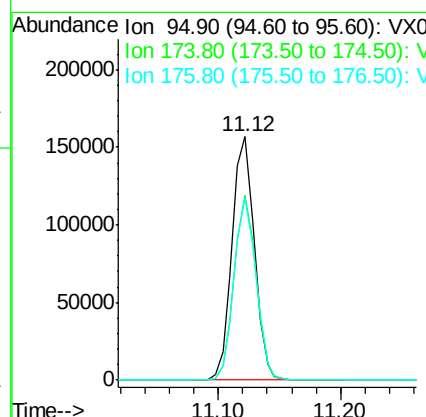
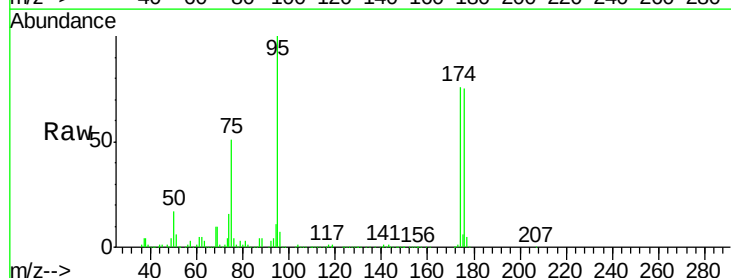
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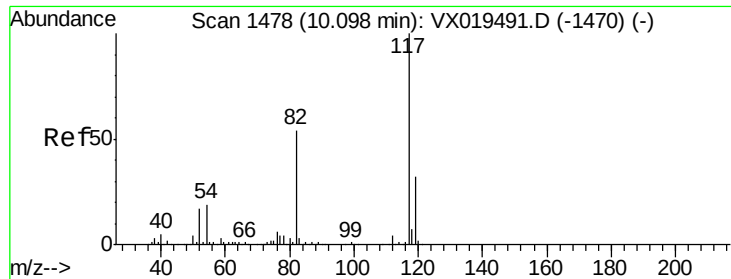
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#62
4-Bromofluorobenzene
Concen: 48.535 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019521.D
Acq: 21 Nov 2020 02:47

Tgt Ion: 95 Resp: 196760
Ion Ratio Lower Upper
95 100
174 74.7 0.0 156.2
176 74.1 0.0 151.4





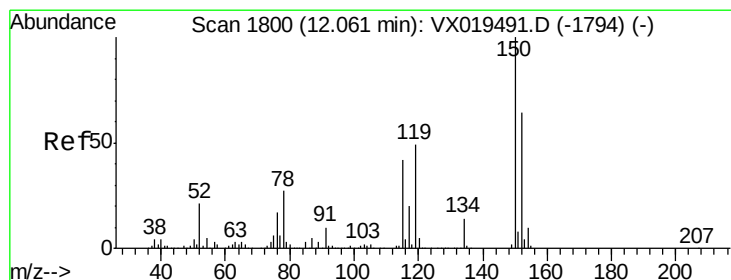
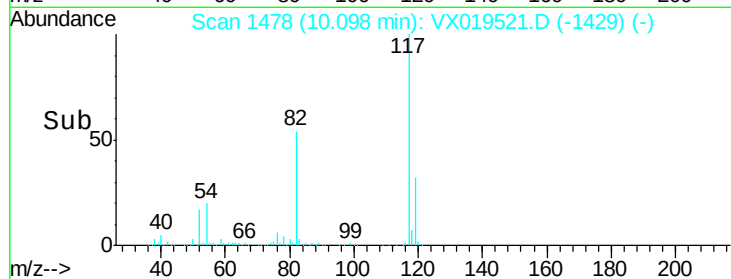
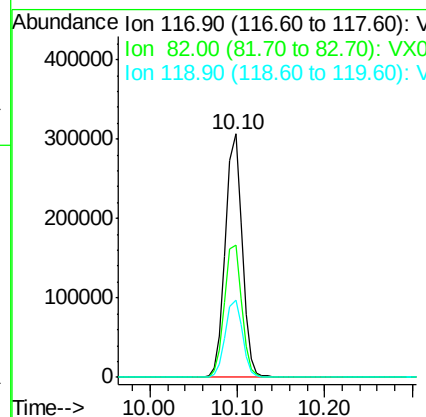
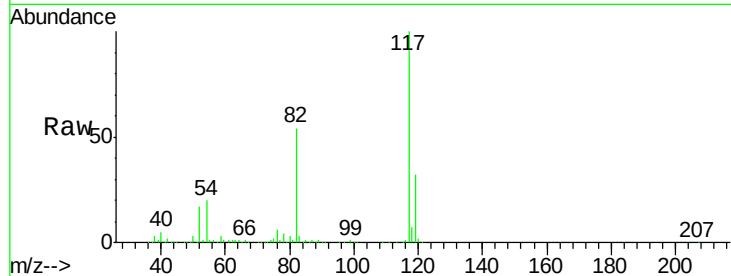
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019521.D
Acq: 21 Nov 2020 02:47

Instrument :
MSVOA_X
ClientSampleId :
COMP-1605-1607

Tot Ion	Ratio	Resp	Lower	Upper
117	100	405771		
82	54.3		43.0	64.4
119	31.5		25.6	38.4

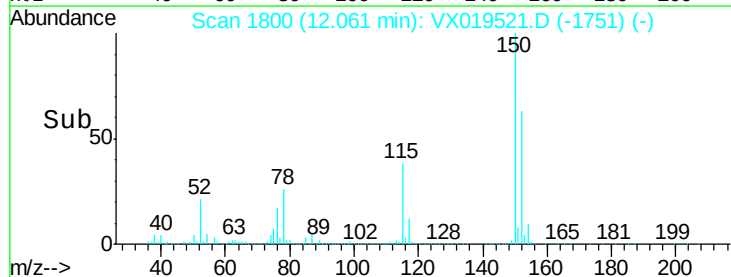
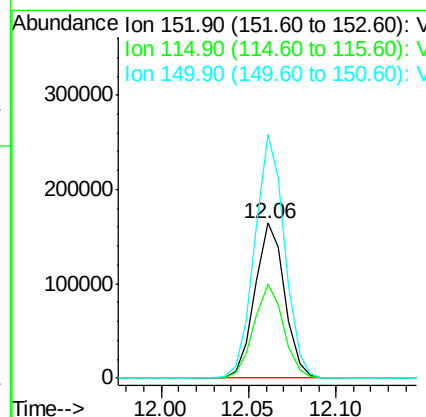
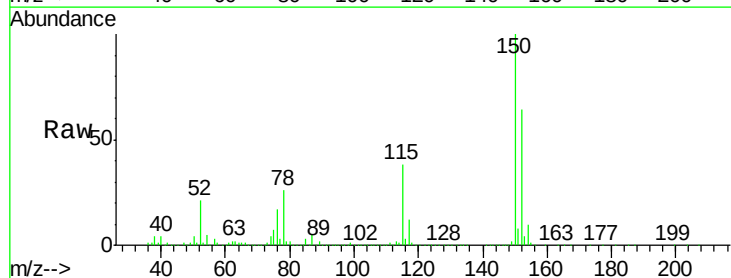
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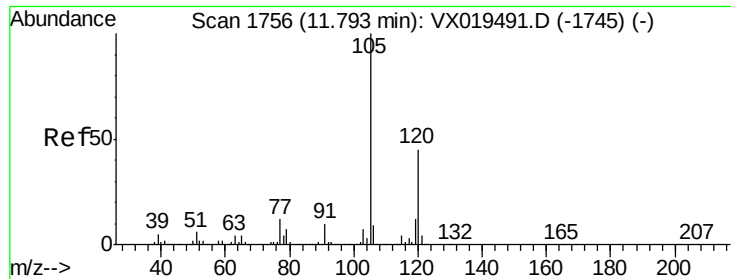
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019521.D
Acq: 21 Nov 2020 02:47

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	195035		
115	60.2		41.8	125.4
150	157.1		0.0	348.2





#84
 1,2,4-Trimethylbenzene
 Concen: 0.250 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019521.D
 Acq: 21 Nov 2020 02:47

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1605-1607

Tot Ion	Ratio	Resp	Lower	Upper
105	100	2860		
120	28.7		22.2	66.6

Manual Integrations
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