

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016342.D
 Acq On : 19 May 2020 18:04
 Operator : JC/SP
 Sample : L2663-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1369

Manual Integrations
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Quant Time: May 20 07:29:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	229006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	381852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	367079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	134765	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
35) Dibromofluoromethane	5.47	113	112438	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	8.70	98	470147	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	185200	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	49220	64.590	ug/l	100
16) Acetone	2.42	43	243345	180.981	ug/l	94
17) Carbon Disulfide	2.55	76	5884	0.619	ug/l #	93
18) Methyl Acetate	2.75	43	2292	0.693	ug/l	93
20) Methylene Chloride	2.84	84	1018	0.367	ug/l	88
25) 2-Butanone	4.64	43	42278	19.513	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	6375	1.499	ug/l	98
52) Toluene	8.77	92	2680	0.391	ug/l	91
59) 2-Hexanone	9.48	43	7996	2.394	ug/l	95
86) p-Isopropyltoluene	12.05	119	3595	0.299	ug/l #	74

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

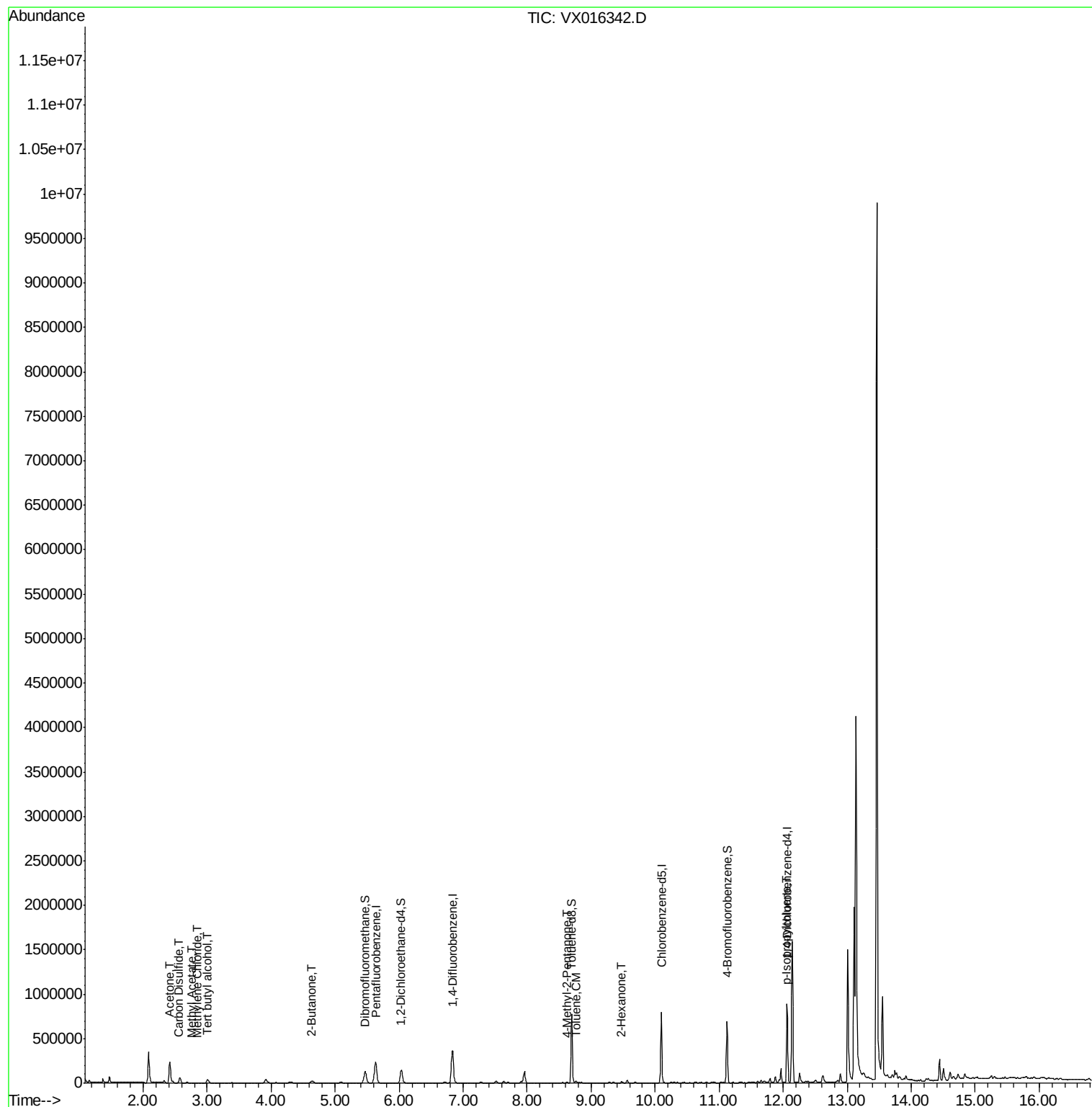
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051920\
Data File : VX016342.D
Acq On : 19 May 2020 18:04
Operator : JC/SP
Sample : L2663-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

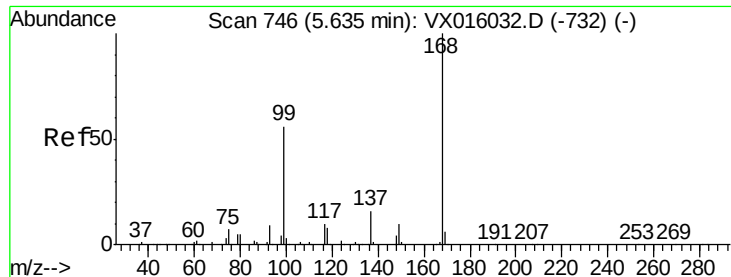
Instrument :
MSVOA_X
ClientSampleId :
1369

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Quant Time: May 20 07:29:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016342.D

Acq: 19 May 2020 18:04

Instrument :

MSVOA_X

ClientSampled :

1369

Tot Ion:168 Resp: 229006

Ion Ratio Lower Upper

168 100

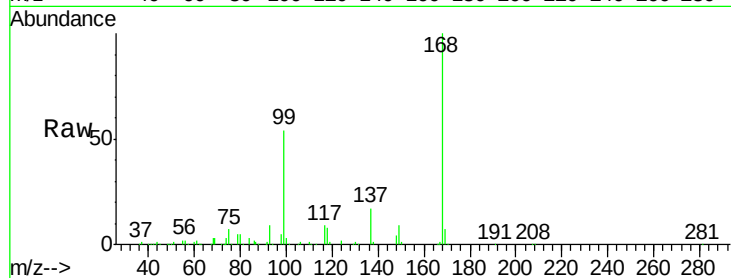
99 54.2 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

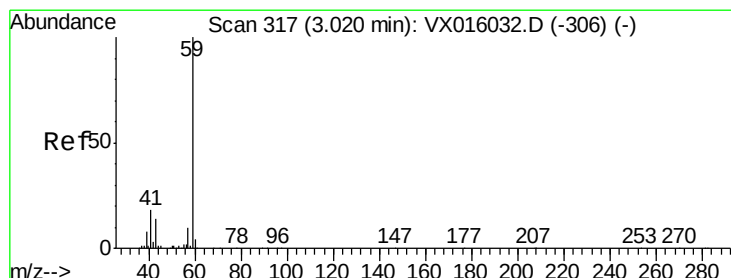
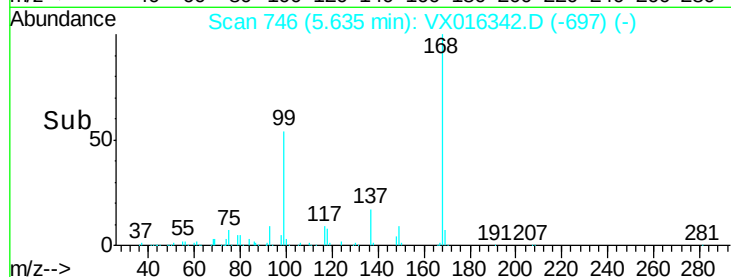
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 64.590 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016342.D

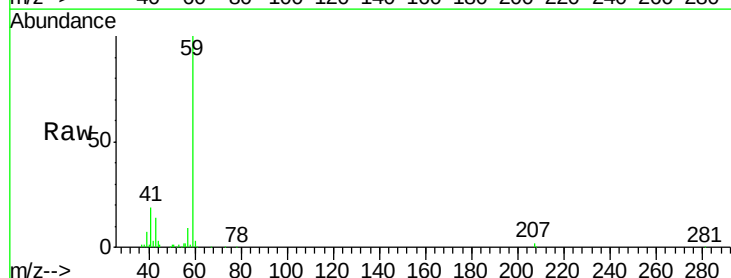
Acq: 19 May 2020 18:04

Tgt Ion: 59 Resp: 49220

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

25000

20000

15000

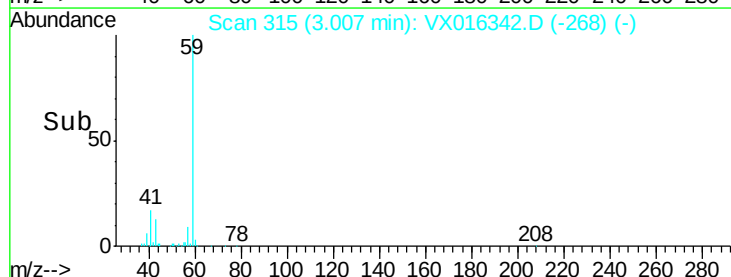
10000

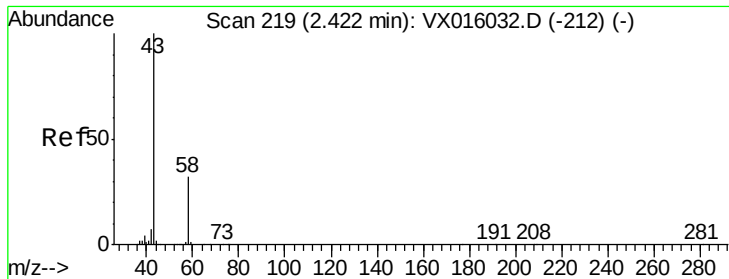
5000

0

2.90 3.00 3.10

Time-->





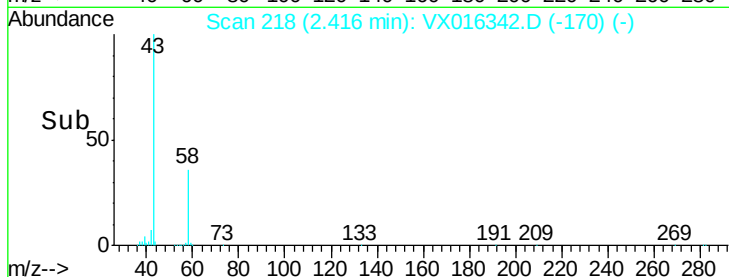
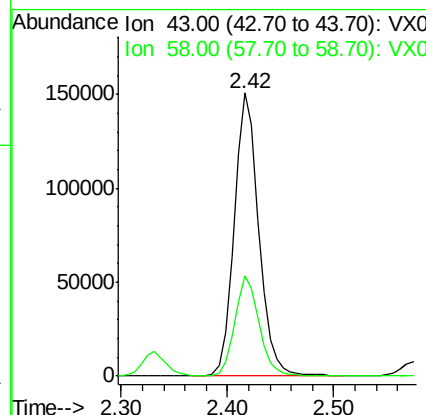
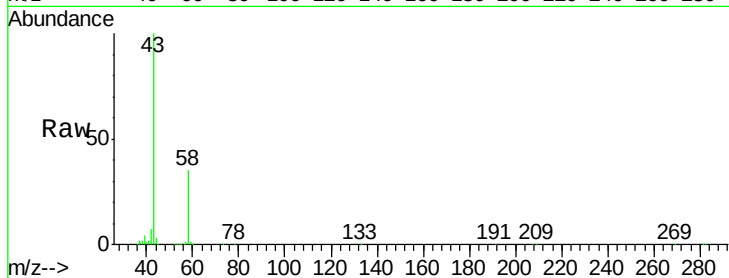
#16
Acetone
Concen: 180.981 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampled :
1369

Tot Ion	43	Resp	243345
Ion Ratio	100	Lower	Upper
58	35.2	25.4	38.0

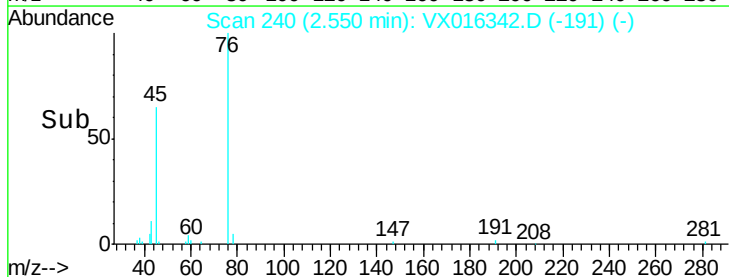
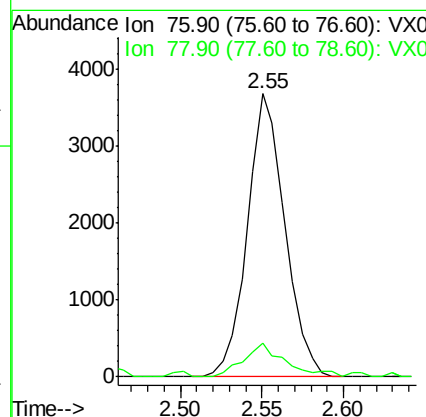
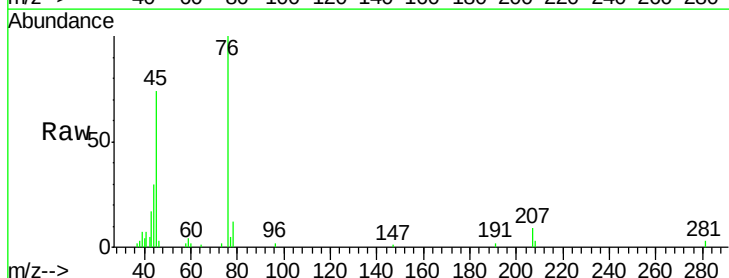
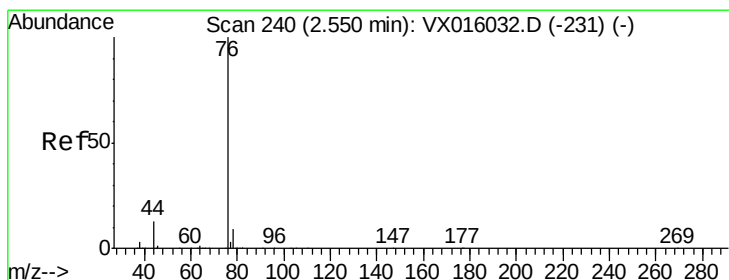
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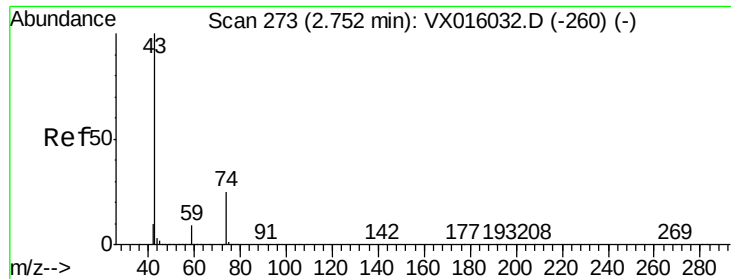
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#17
Carbon Disulfide
Concen: 0.619 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion	76	Resp	5884
Ion Ratio	100	Lower	Upper
78	11.9	7.5	11.3#





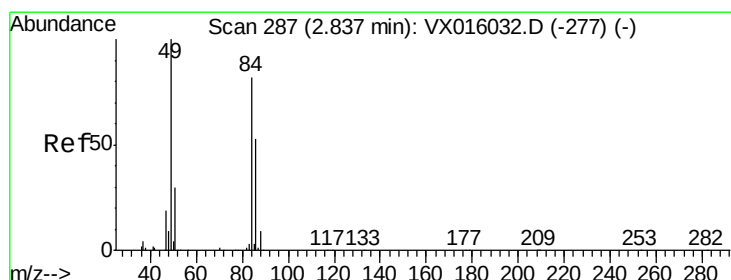
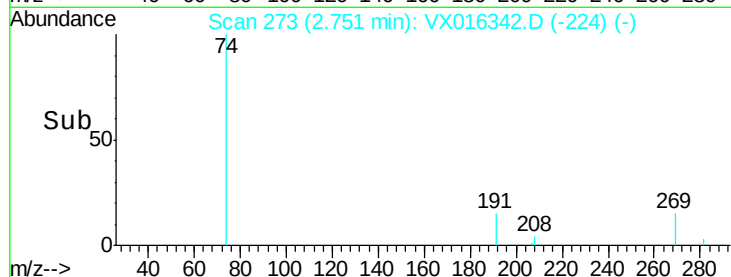
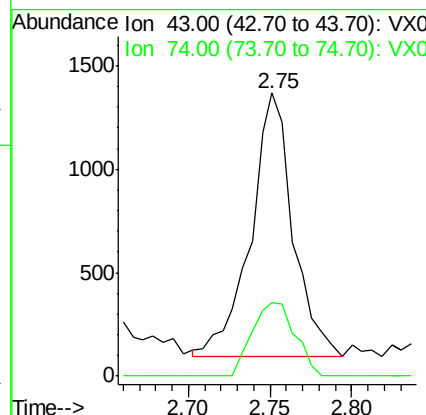
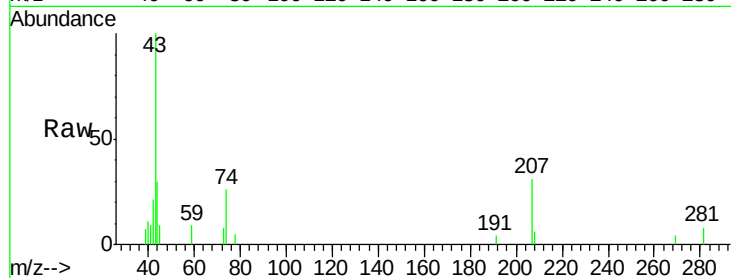
#18
Methyl Acetate
Concen: 0.693 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tot Ion	Ratio	Lower	Upper
43	100		
74	28.5	20.2	30.2

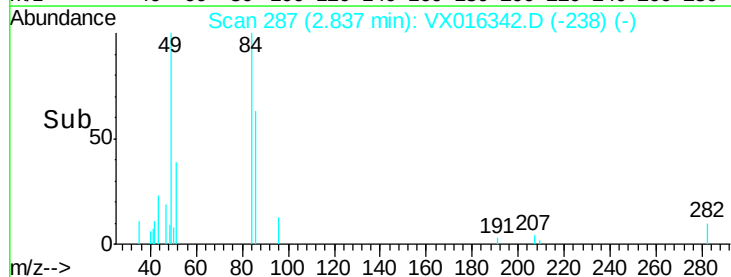
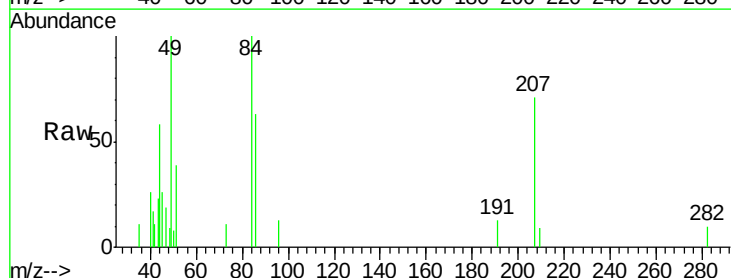
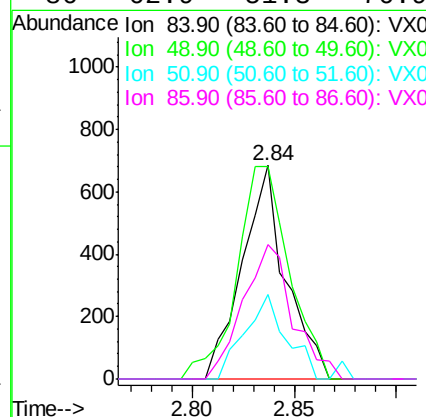
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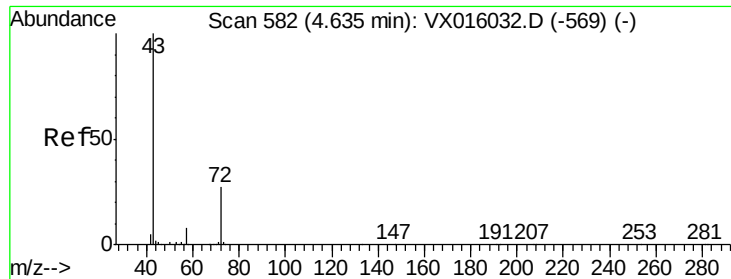
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#20
Methylene Chloride
Concen: 0.367 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	99.7	97.3	145.9
51	39.3	29.3	43.9
86	62.9	51.3	76.9





#25

2-Butanone

Concen: 19.513 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016342.D

Acq: 19 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

1369

Tot Ion: 43 Resp: 42278

Ion Ratio Lower Upper

43 100

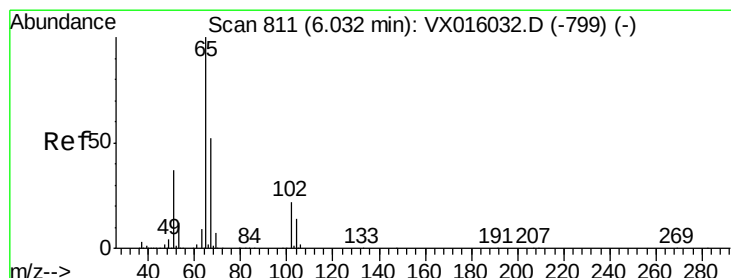
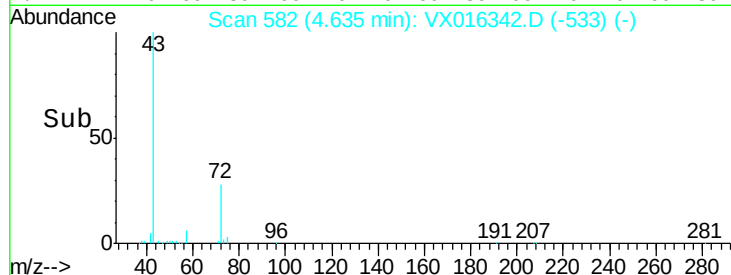
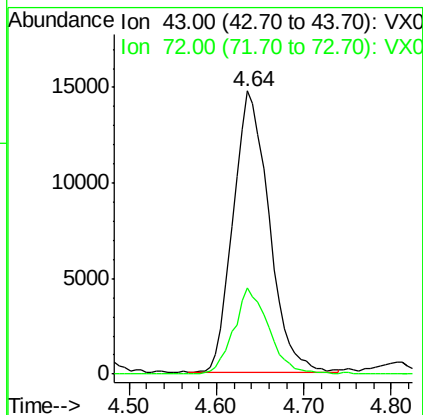
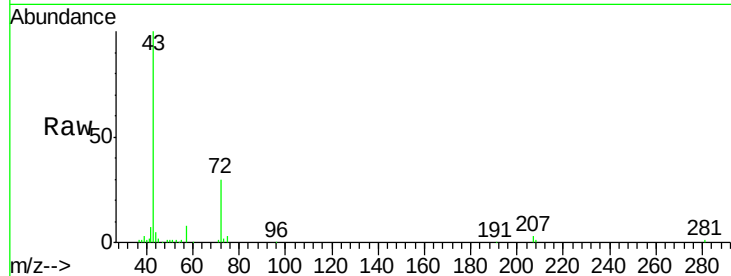
72 30.5 21.8 32.8

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#33

1,2-Dichloroethane-d4

Concen: 44.721 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016342.D

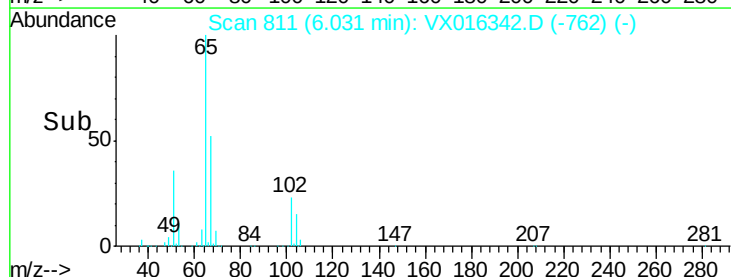
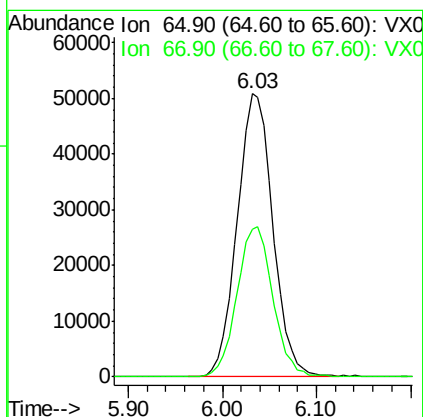
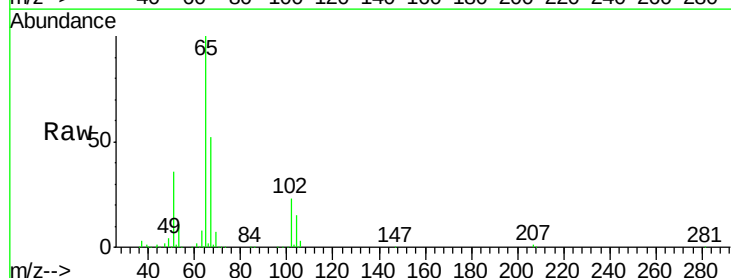
Acq: 19 May 2020 18:04

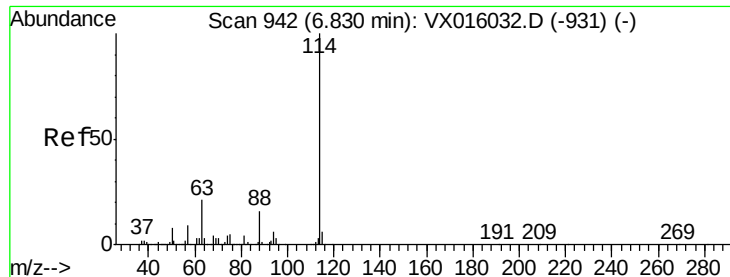
Tgt Ion: 65 Resp: 134765

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016342.D

Acq: 19 May 2020 18:04

Instrument :

MSVOA_X

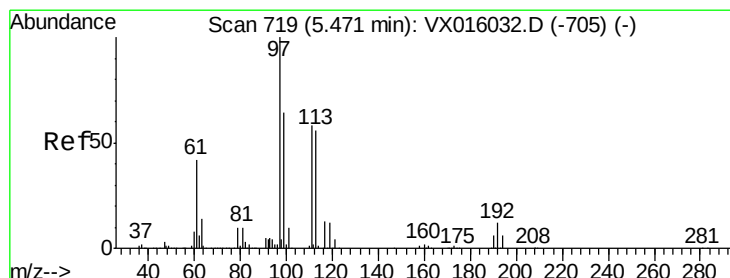
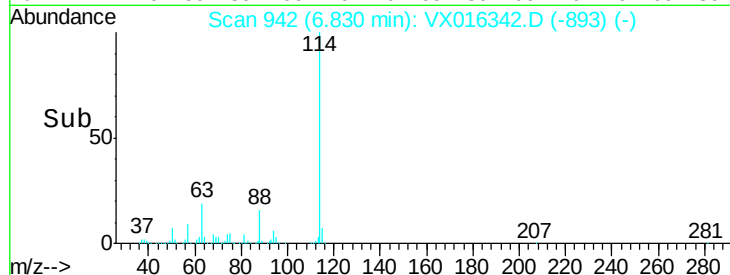
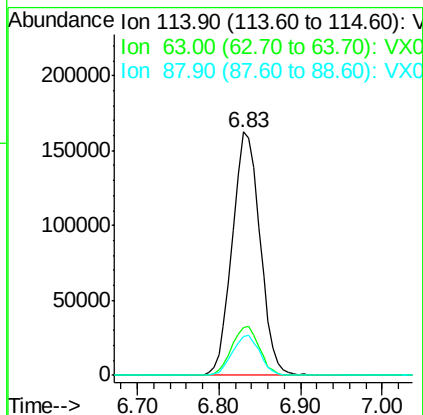
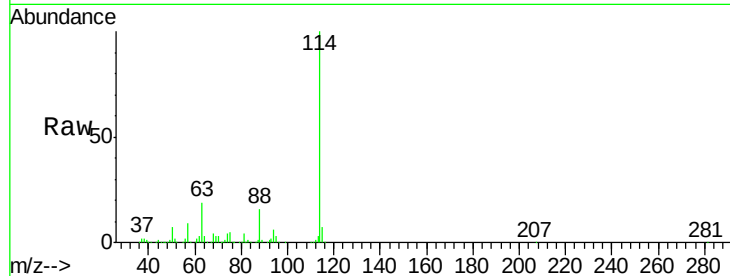
ClientSampled :

1369

Tot Ion:	114	Resp:	381852
Ion Ratio		Lower	Upper
114	100		
63	19.5	0.0	42.8
88	15.9	0.0	31.4

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#35

Dibromofluoromethane

Concen: 46.477 ug/l

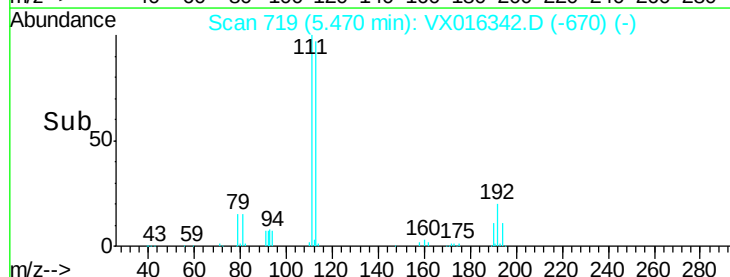
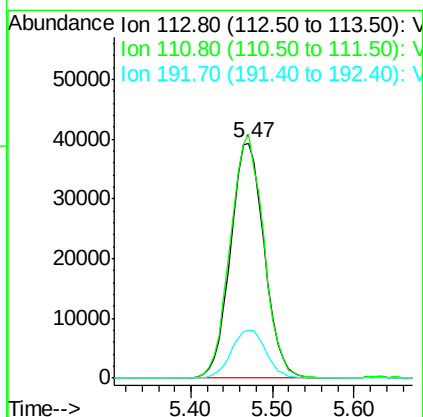
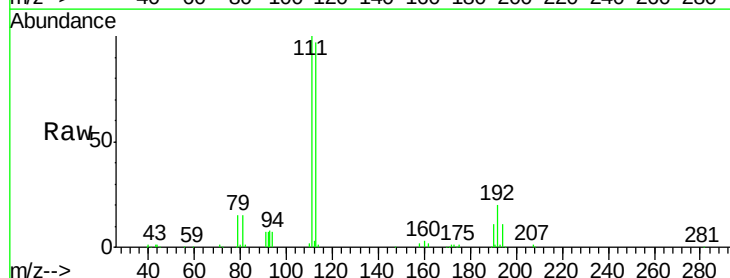
RT: 5.47 min Scan# 719

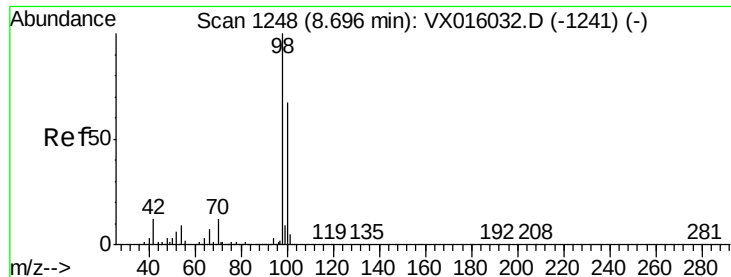
Delta R.T. -0.00 min

Lab File: VX016342.D

Acq: 19 May 2020 18:04

Tgt Ion:	113	Resp:	112438
Ion Ratio		Lower	Upper
113	100		
111	102.7	81.6	122.4
192	21.1	17.0	25.4





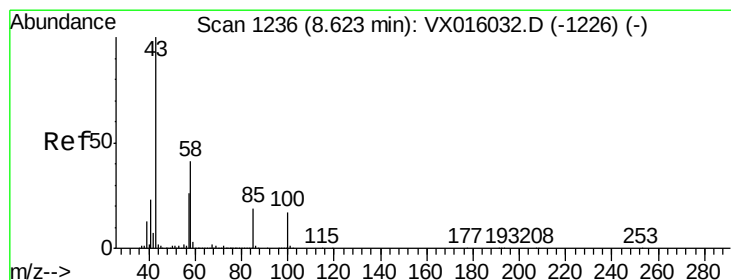
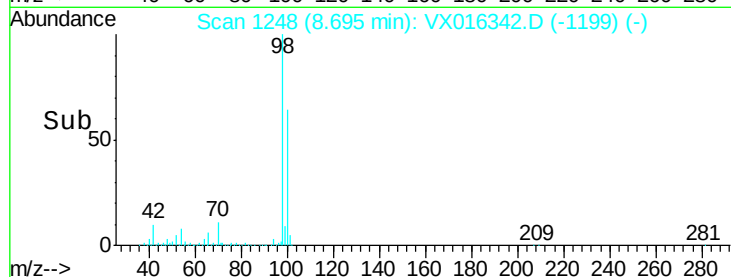
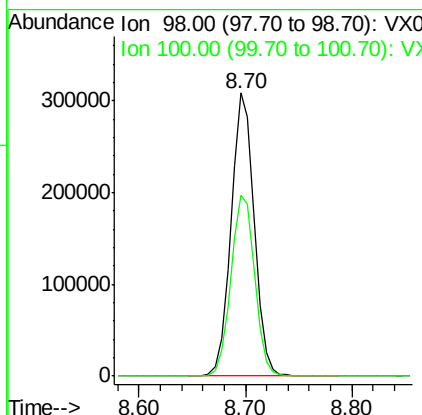
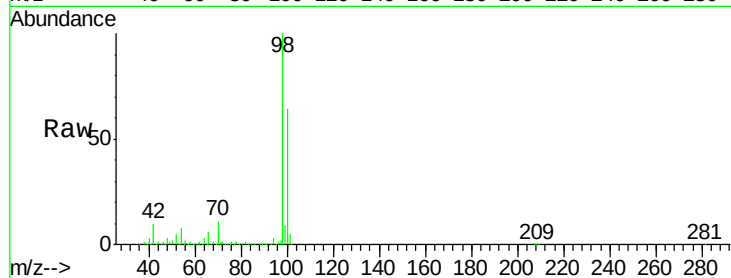
#50
Toluene-d8
Concen: 50.438 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tot Ion	98	Resp	470147
Ion Ratio	100	Lower	Upper
98	100	53.7	80.5
100	66.1		

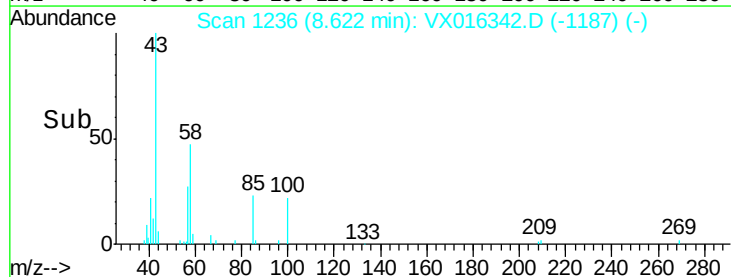
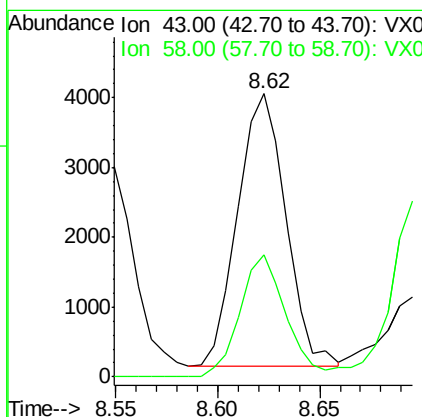
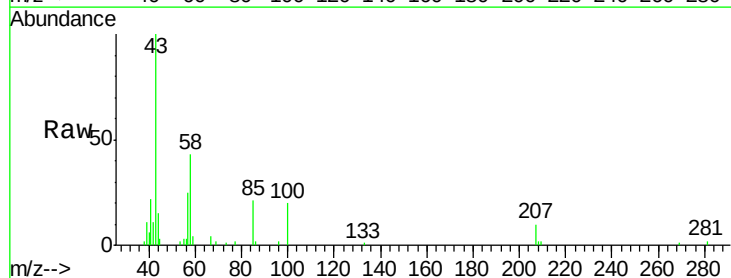
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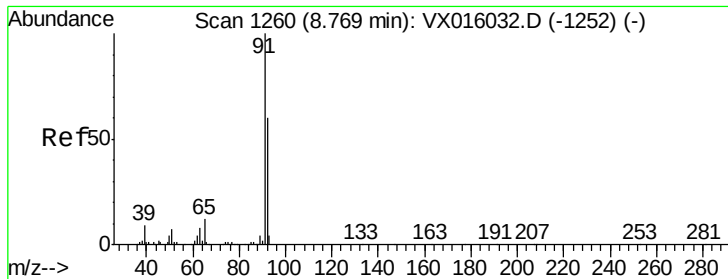
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#51
4-Methyl-2-Pentanone
Concen: 1.499 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion	43	Resp	6375	
Ion Ratio	43	100	Lower	Upper
43	100	33.0	49.4	
58	42.4			





#52

Toluene

Concen: 0.391 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016342.D

Acq: 19 May 2020 18:04

Instrument :

MSVOA_X

ClientSampled :

1369

Tot Ion: 92 Resp: 2680

Ion Ratio Lower Upper

92 100

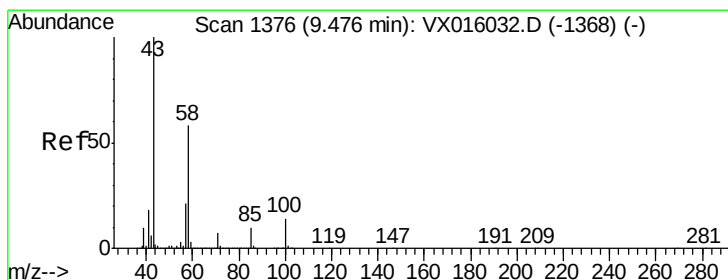
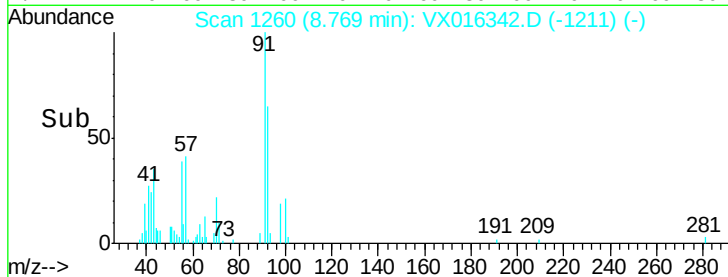
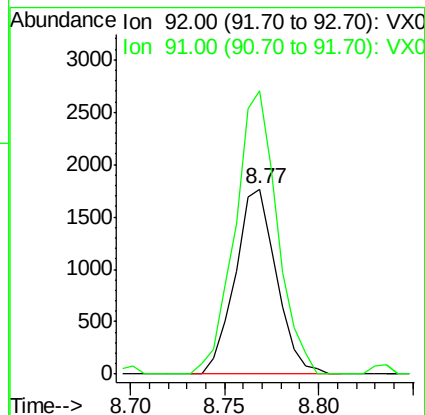
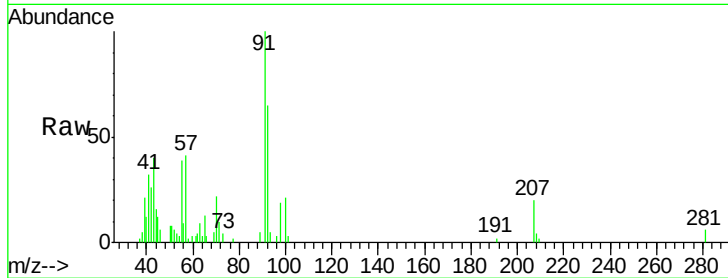
91 155.8 134.5 201.7

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#59

2-Hexanone

Concen: 2.394 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016342.D

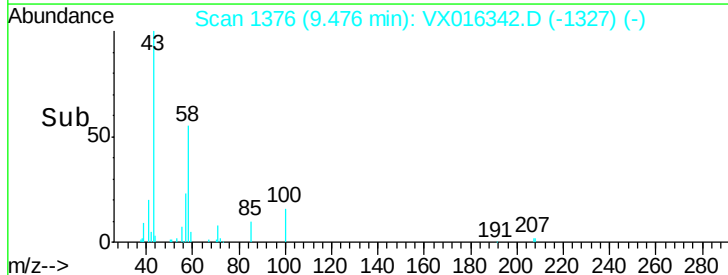
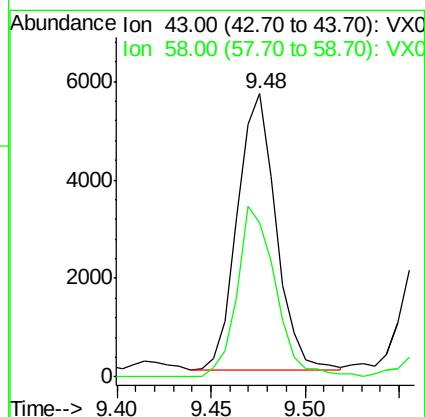
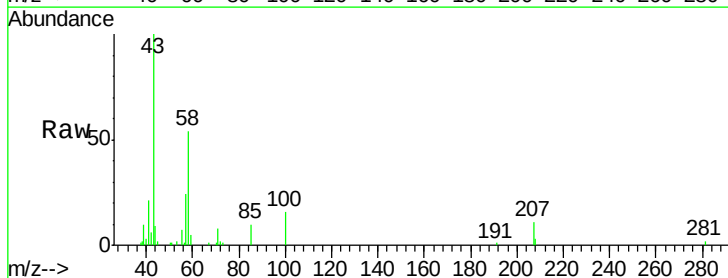
Acq: 19 May 2020 18:04

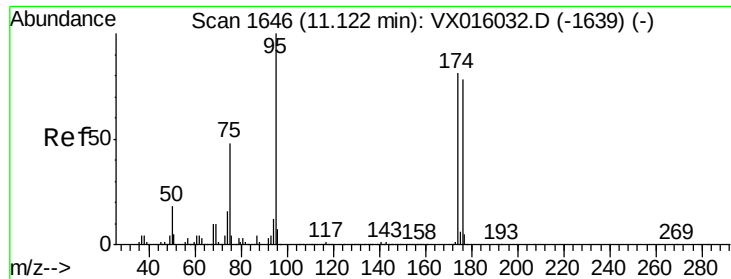
Tgt Ion: 43 Resp: 7996

Ion Ratio Lower Upper

43 100

58 61.3 28.6 85.9





#62

4-Bromofluorobenzene

Concen: 52.237 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016342.D

Acq: 19 May 2020 18:04

Instrument :

MSVOA_X

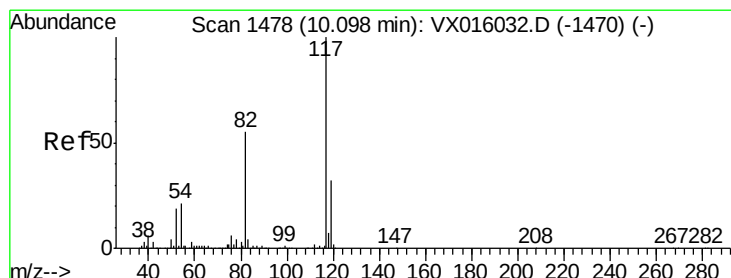
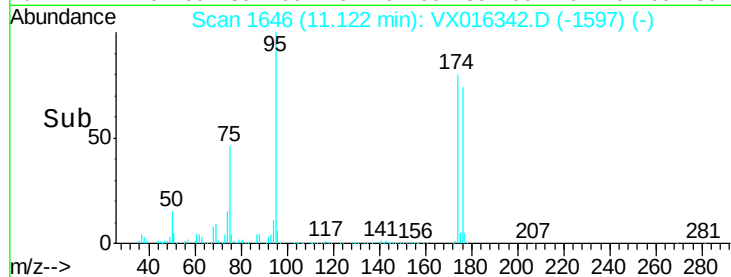
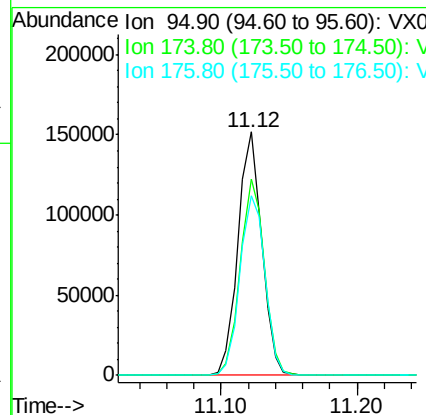
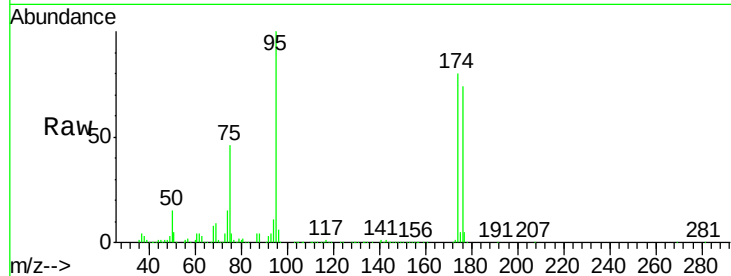
ClientSampled :

1369

Tot Ion:	95	Resp:	185200
Ion Ratio	Lower	Upper	
95	100		
174	81.7	0.0	159.4
176	77.4	0.0	157.6

Manual Integrations
APPROVED

apatel
5/22/2020 11:28:28 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

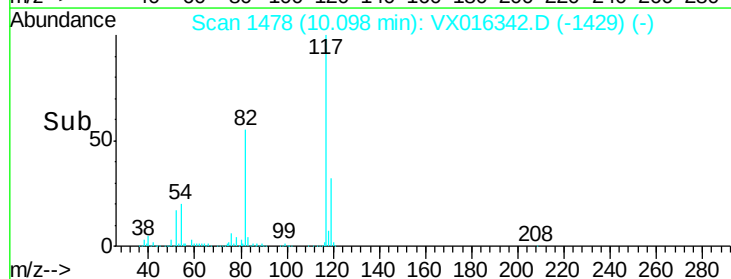
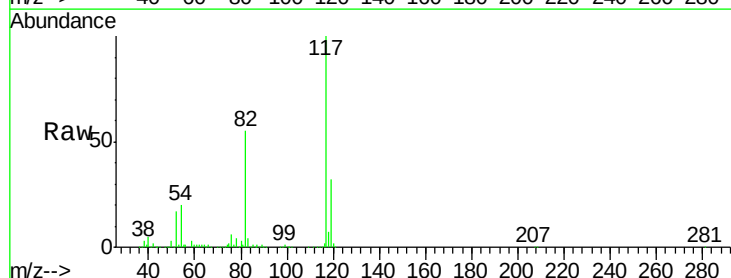
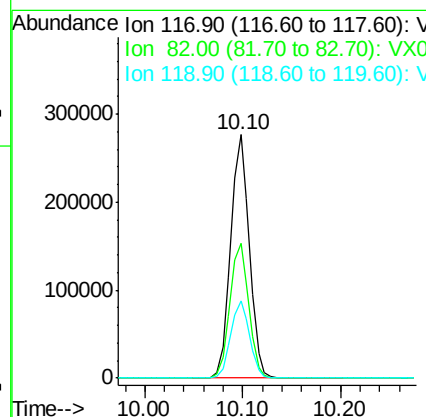
RT: 10.10 min Scan# 1478

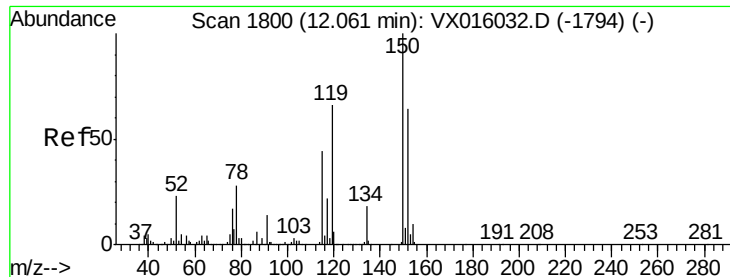
Delta R.T. -0.00 min

Lab File: VX016342.D

Acq: 19 May 2020 18:04

Tgt Ion:	117	Resp:	367079
Ion Ratio	Lower	Upper	
117	100		
82	55.2	44.4	66.6
119	31.7	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016342.D

Acq: 19 May 2020 18:04

Instrument :

MSVOA_X

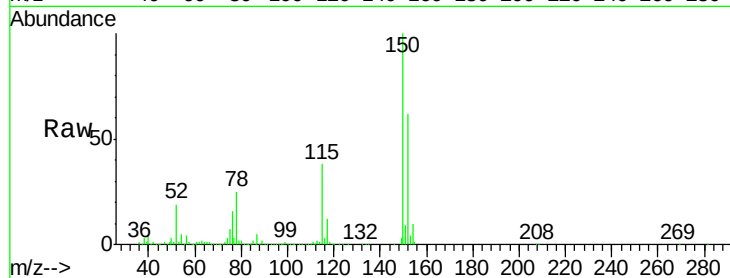
ClientSampleId :

1369

Tot Ion	Ratio	Resp	Lower	Upper
152	100	181485		
115	60.8	41.3	124.1	
150	158.1	0.0	352.2	

Manual Integrations
APPROVED

apatel
5/22/2020 11:28:28 AM

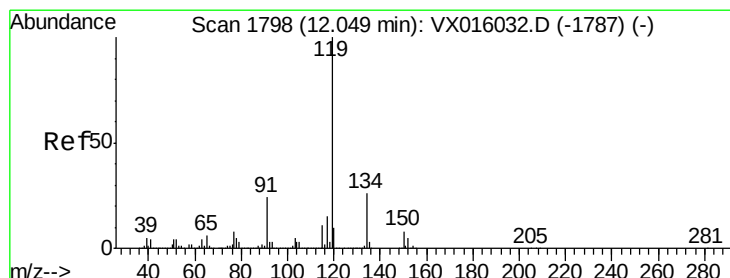
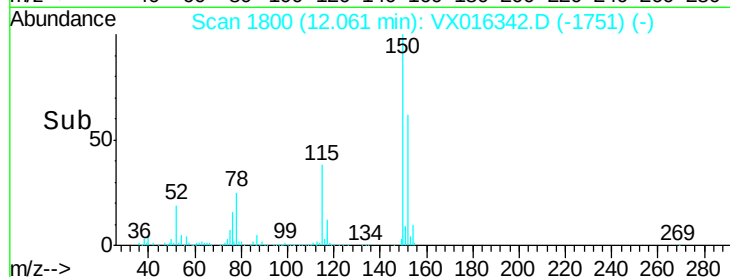
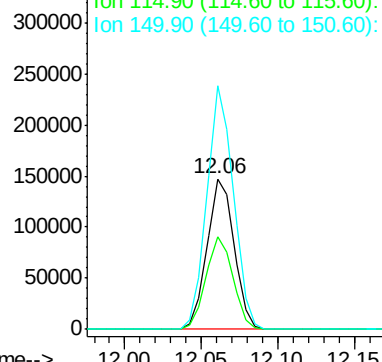


Abundance

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



#86

p-Isopropyltoluene

Concen: 0.299 ug/l

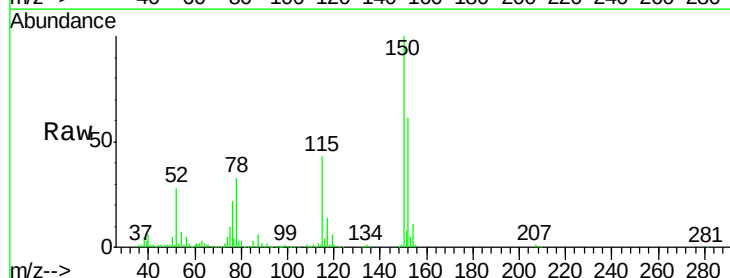
RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016342.D

Acq: 19 May 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	3595		
134	29.8	13.1	39.3	
91	46.3	11.8	35.4	



Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

