

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016927.D
 Acq On : 22 Jun 2020 18:07
 Operator : JC/SP
 Sample : L3020-23DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27DL

Manual Integrations
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MMDadoda
 6/23/2020 11:04:51 AM

Quant Time: Jun 23 08:16:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	331012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	551750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	499955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	266413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	189119	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
35) Dibromofluoromethane	5.46	113	168130	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	8.70	98	594597	42.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.22%	
62) 4-Bromofluorobenzene	11.12	95	256078	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	17844	12.347	ug/l	96
25) 2-Butanone	4.64	43	16365	8.228	ug/l	98
31) Cyclohexane	5.55	56	50447	10.247	ug/l	97
39) Methylcyclohexane	7.44	83	73685	12.439	ug/l	98
52) Toluene	8.76	92	8482	0.836	ug/l	99
67) Ethyl Benzene	10.24	91	1167422	68.344	ug/l	100
68) m/p-Xylenes	10.35	106	150900	22.702	ug/l	99
73) Isopropylbenzene	11.00	105	93315	5.440	ug/l	99
78) n-propylbenzene	11.34	91	308174	16.098	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	119131	8.050	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	638816	41.903	ug/l	98
85) sec-Butylbenzene	11.93	105	16456m	0.968	ug/l	
86) p-Isopropyltoluene	12.05	119	8164	0.524	ug/l	89
89) n-Butylbenzene	12.37	91	47157	3.529	ug/l #	47
95) Naphthalene	13.82	128	537466	33.043	ug/l	99

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

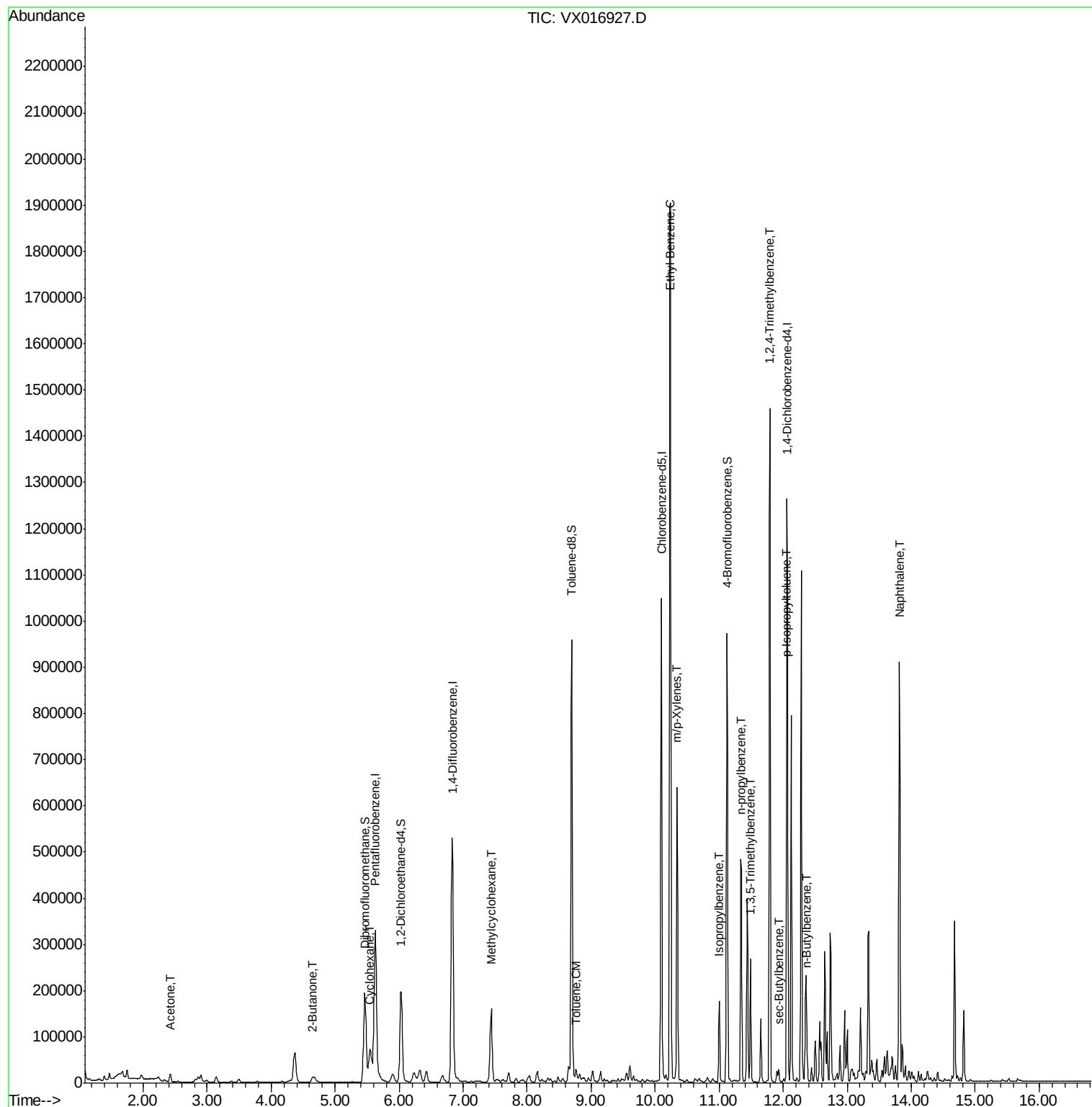
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062220\
Data File : VX016927.D
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Operator : JC/SP
Sample : L3020-23DL 20X
Misc : 5.0mL/MSVOA X/WATER
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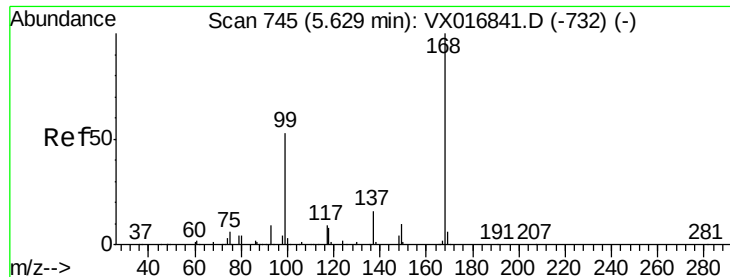
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

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Quant Time: Jun 23 08:16:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 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: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampled :

MW-27DL

Tot Ion:168 Resp: 331012

Ion Ratio Lower Upper

168 100

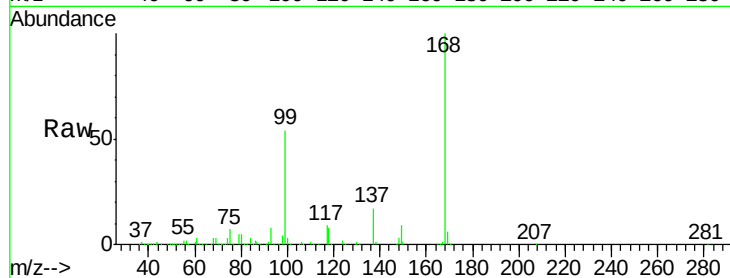
99 54.3 42.2 63.2

Manual Integrations

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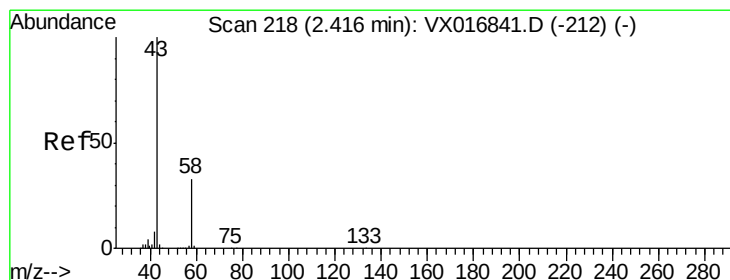
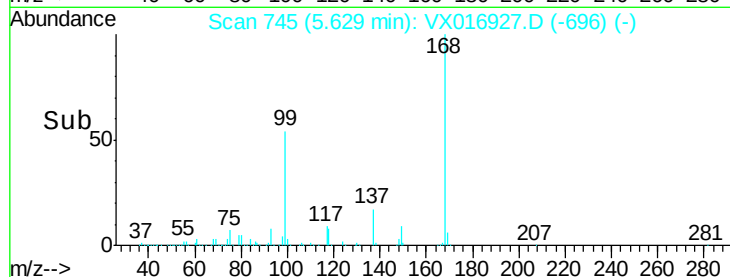
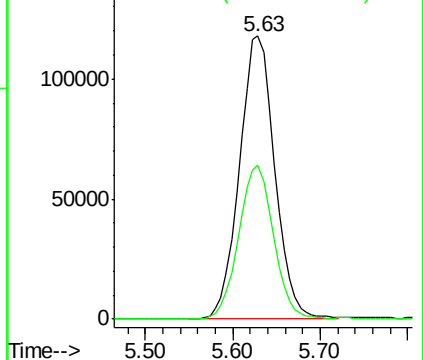
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 12.347 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016927.D

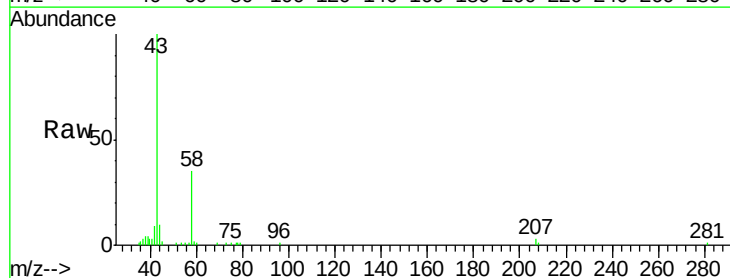
Acq: 22 Jun 2020 18:07

Tgt Ion: 43 Resp: 17844

Ion Ratio Lower Upper

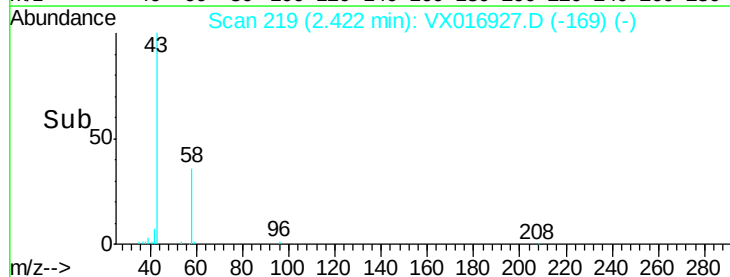
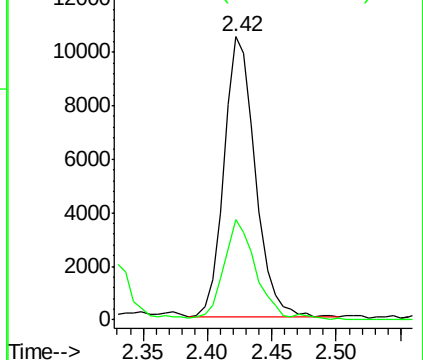
43 100

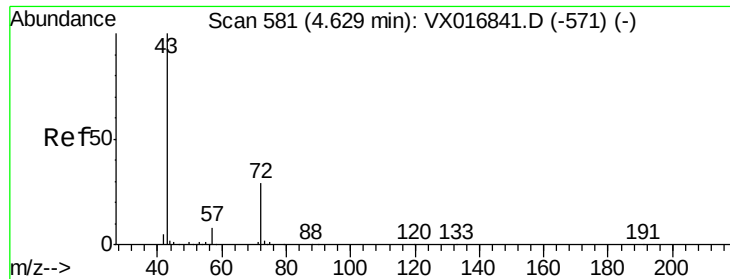
58 35.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 8.228 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampled :

MW-27DL

Tot Ion: 43 Resp: 16365

Ion Ratio Lower Upper

43 100

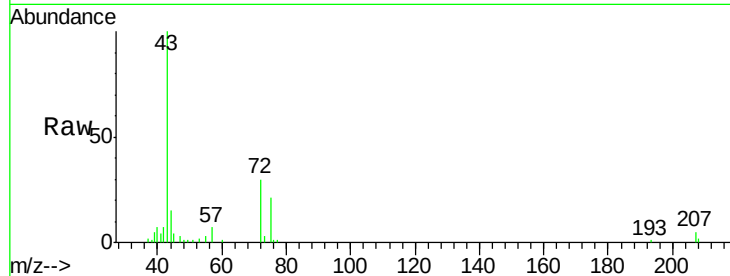
72 30.5 23.5 35.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

6000

5000

4000

3000

2000

1000

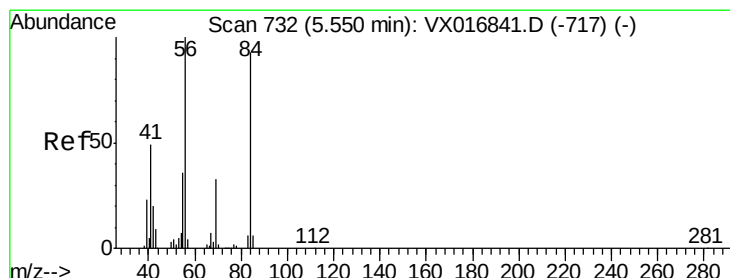
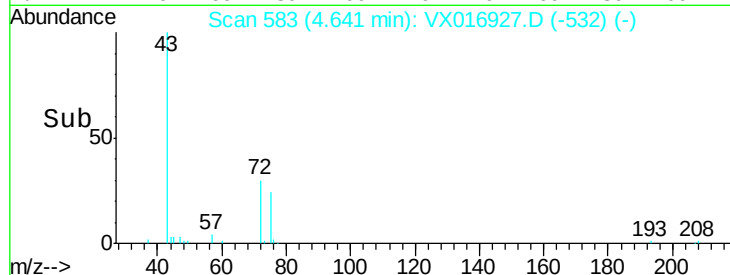
0

4.60

4.70

4.80

Time-->



#31

Cyclohexane

Concen: 10.247 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

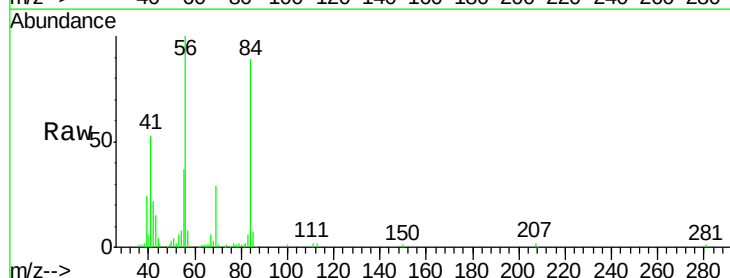
Tgt Ion: 56 Resp: 50447

Ion Ratio Lower Upper

56 100

69 28.0 26.1 39.1

84 89.8 73.0 109.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

20000

15000

10000

5000

0

5.45

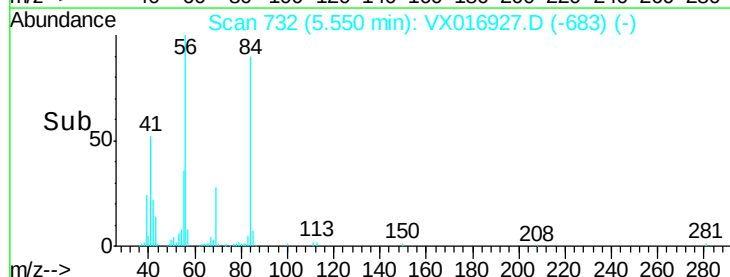
5.50

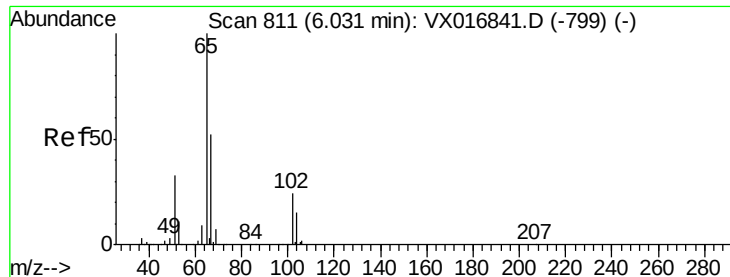
5.55

5.60

5.65

Time-->





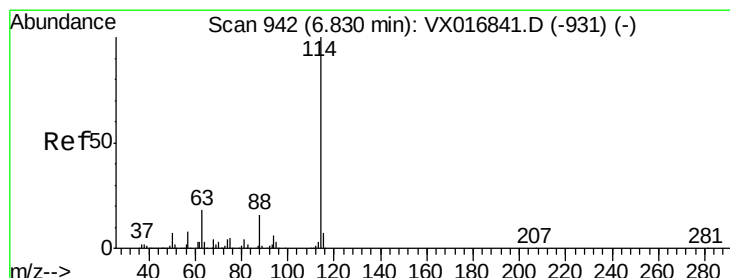
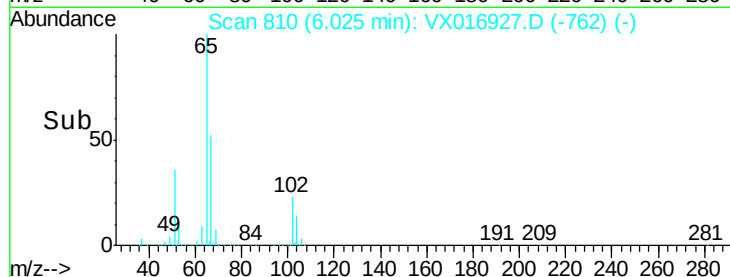
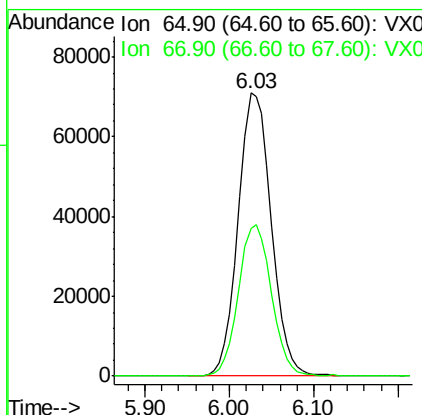
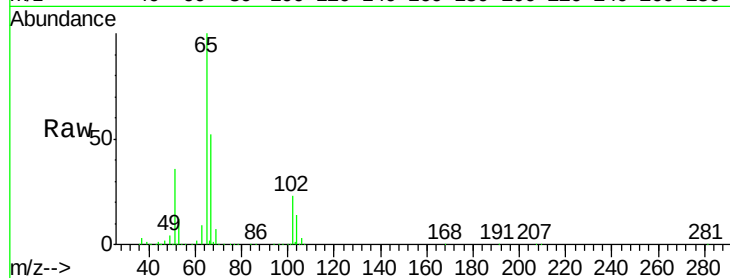
#33
 1,2-Dichloroethane-d4
 Concen: 47.505 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016927.D
 Acq: 22 Jun 2020 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	189119		
67	53.3	0.0	102.6	

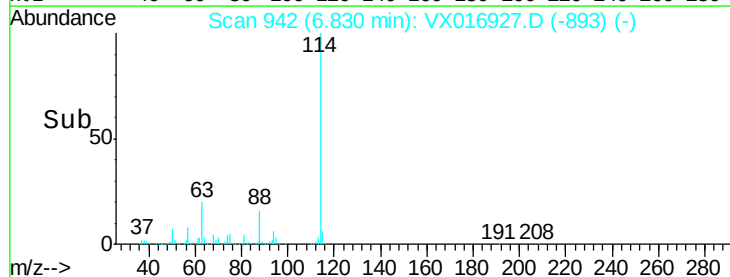
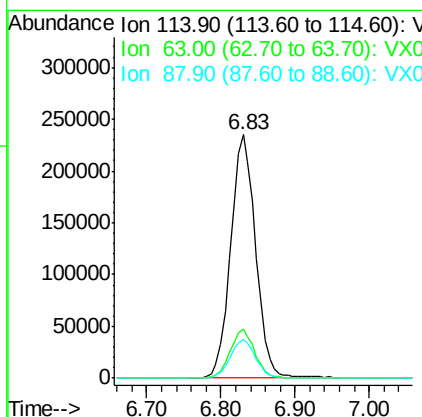
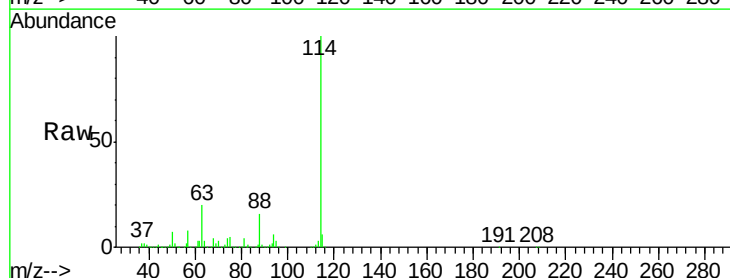
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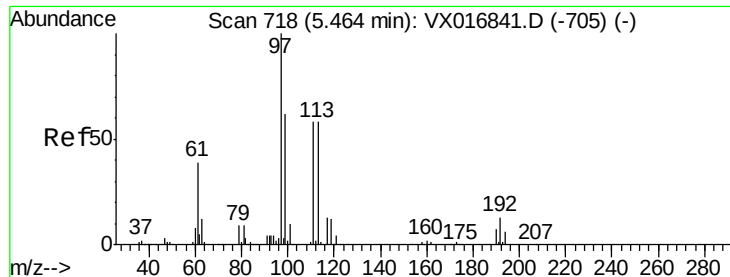
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016927.D
 Acq: 22 Jun 2020 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	551750		
63	20.1	0.0	37.0	
88	16.0	0.0	32.0	





#35

Dibromofluoromethane

Concen: 47.635 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

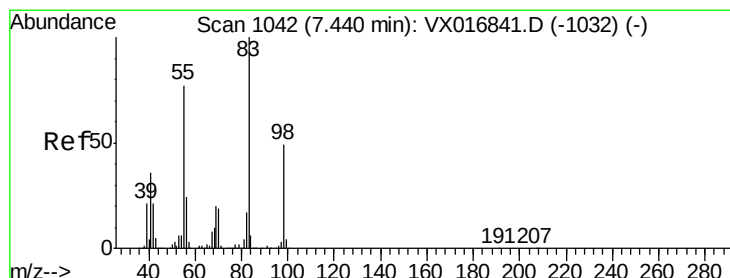
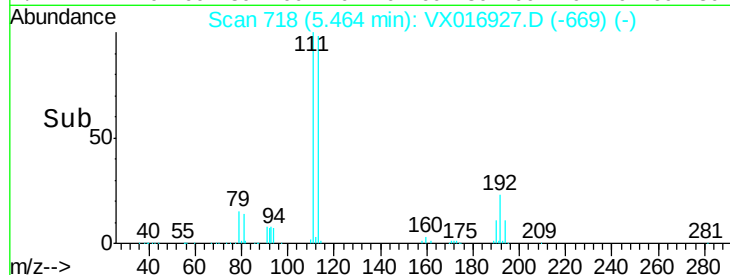
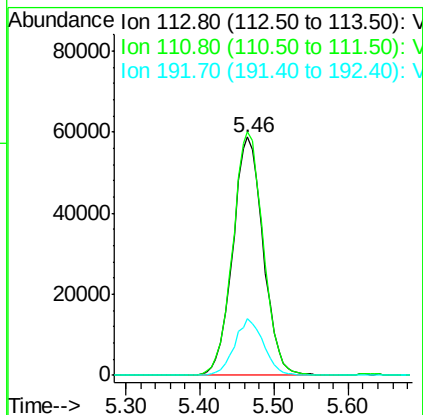
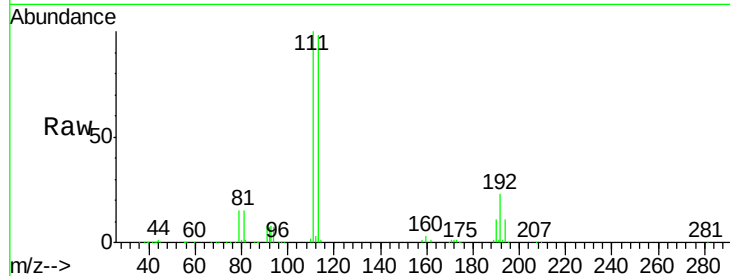
ClientSampleId :

MW-27DL

Tot Ion:	113	Resp:	168130
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.0	121.4
192	22.8	18.5	27.7

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#39

Methylcyclohexane

Concen: 12.439 ug/l

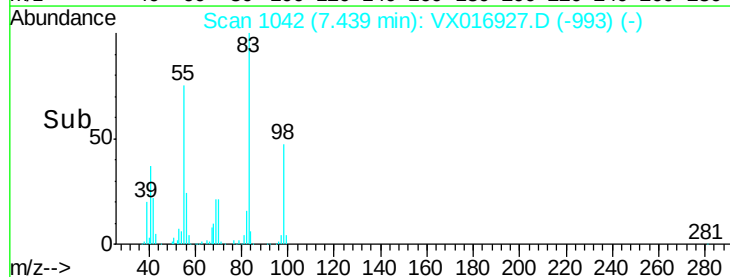
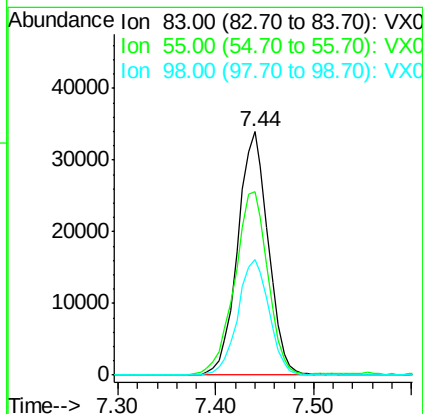
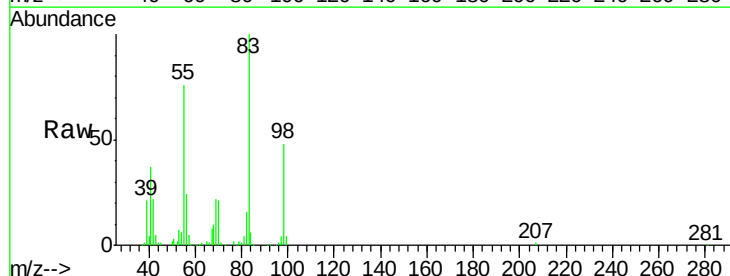
RT: 7.44 min Scan# 1042

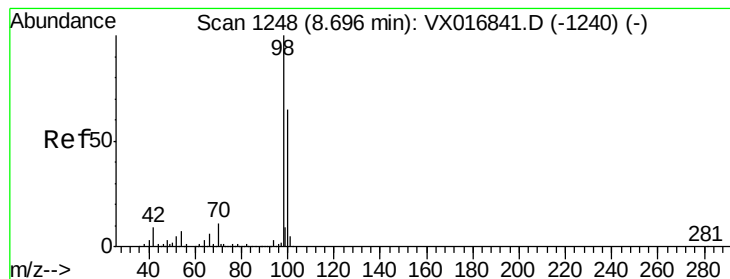
Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Tgt Ion:	83	Resp:	73685
Ion Ratio	Lower	Upper	
83	100		
55	75.2	61.7	92.5
98	47.6	39.0	58.6





#50

Toluene-d8

Concen: 42.107 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

Tot Ion: 98 Resp: 594597

Ion Ratio Lower Upper

98 100

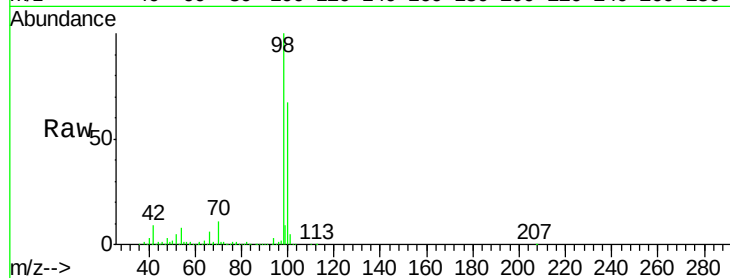
100 66.7 54.0 81.0

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

400000

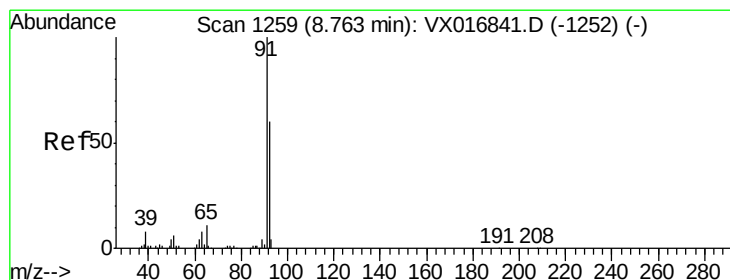
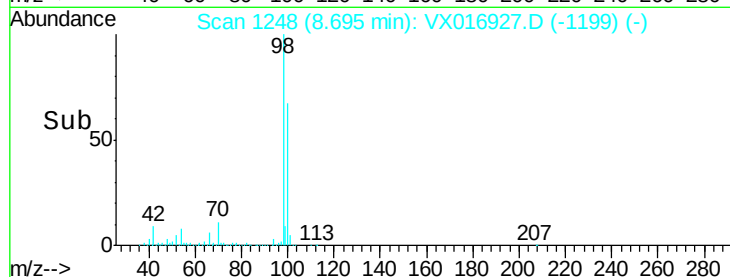
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80 8.90



#52

Toluene

Concen: 0.836 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016927.D

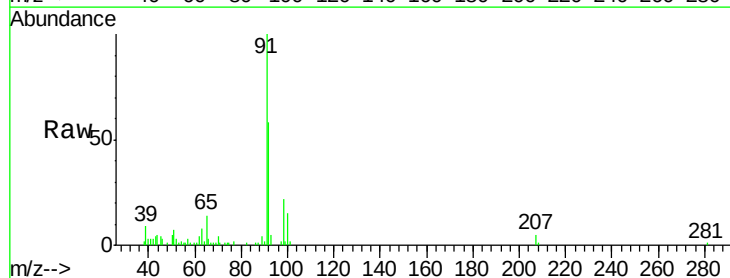
Acq: 22 Jun 2020 18:07

Tgt Ion: 92 Resp: 8482

Ion Ratio Lower Upper

92 100

91 169.5 134.2 201.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

10000

8000

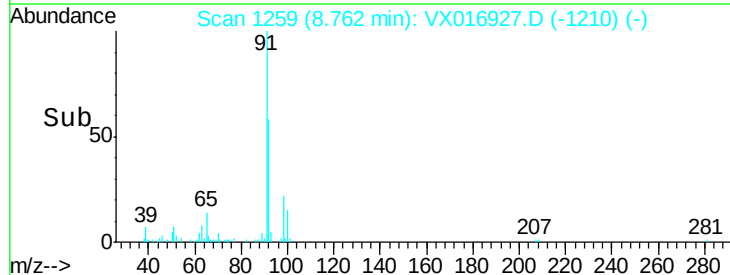
6000

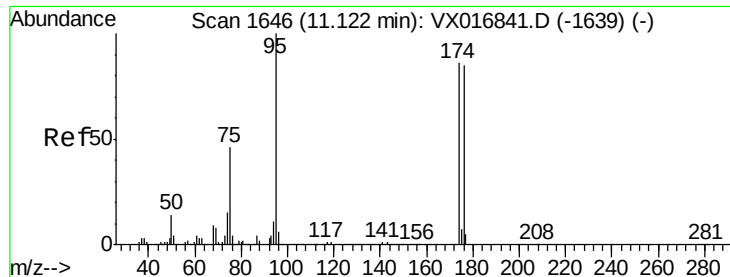
4000

2000

0

Time--> 8.70 8.75 8.80 8.85





#62

4-Bromofluorobenzene

Concen: 47.330 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

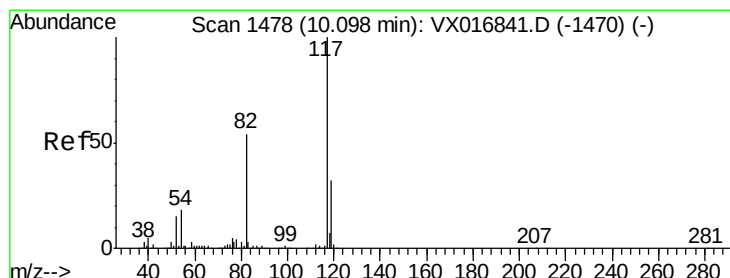
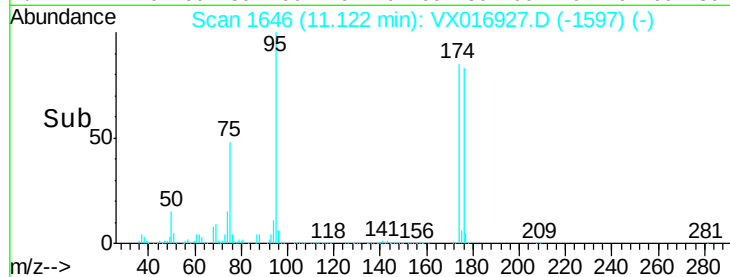
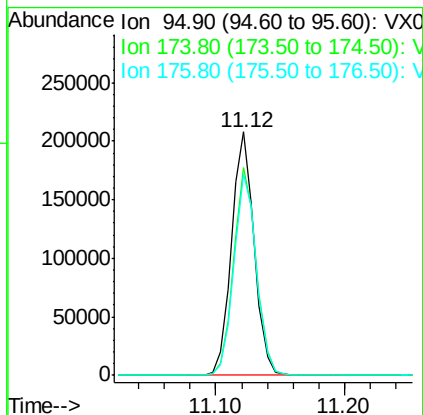
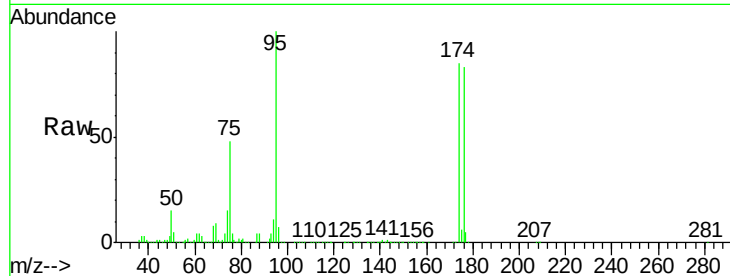
ClientSampleId :

MW-27DL

Tot Ion:	95	Resp:	256078
Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	174.2
176	82.2	0.0	170.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

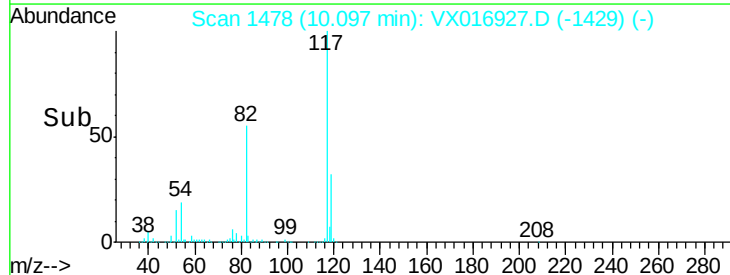
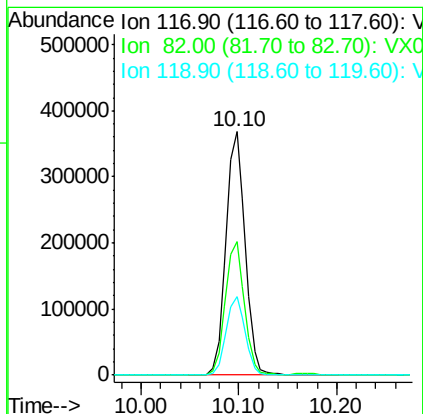
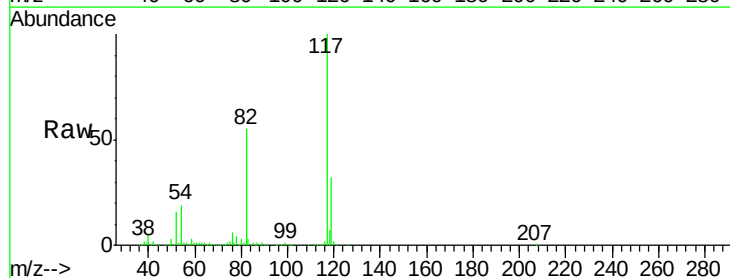
RT: 10.10 min Scan# 1478

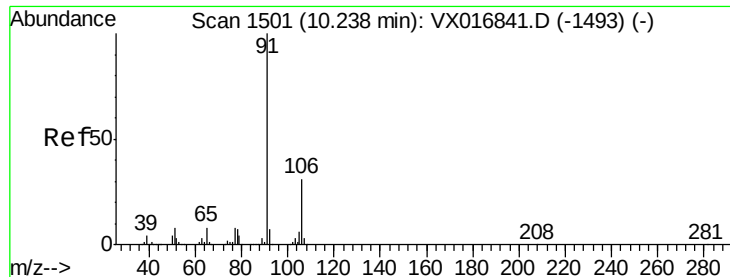
Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Tgt Ion:	117	Resp:	499955
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.4	65.0
119	32.5	25.7	38.5





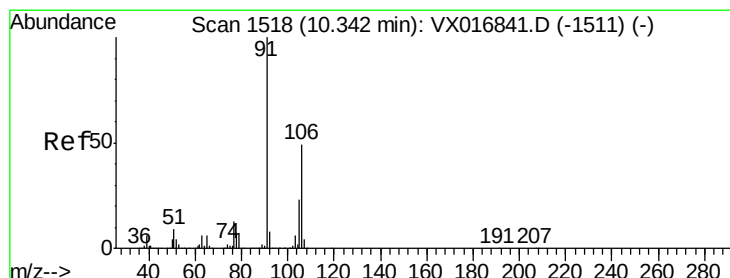
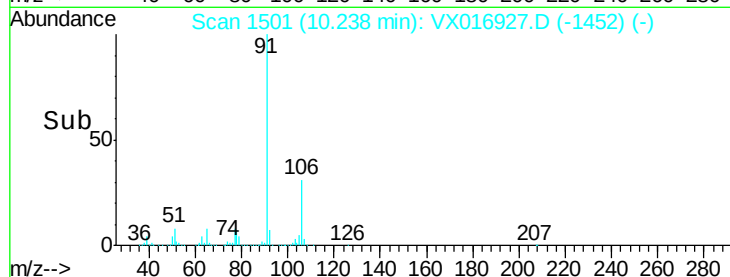
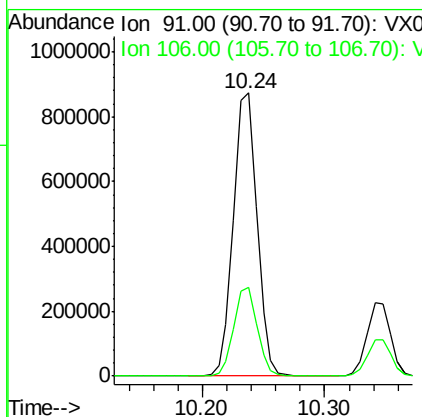
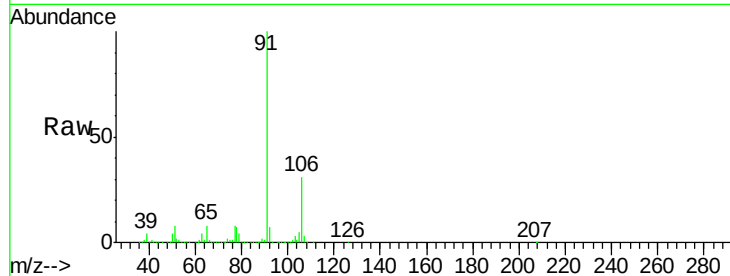
#67
Ethyl Benzene
Concen: 68.344 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Instrument :
MSVOA_X
ClientSampled :
MW-27DL

Tot Ion: 91 Resp: 1167422
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

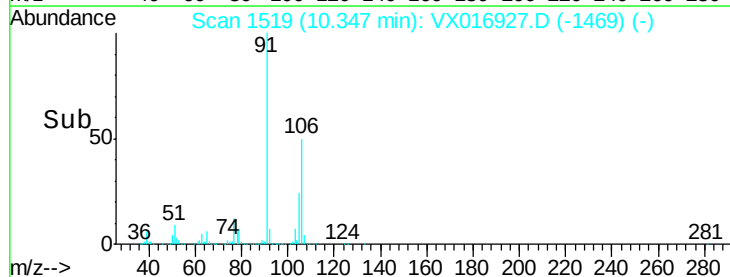
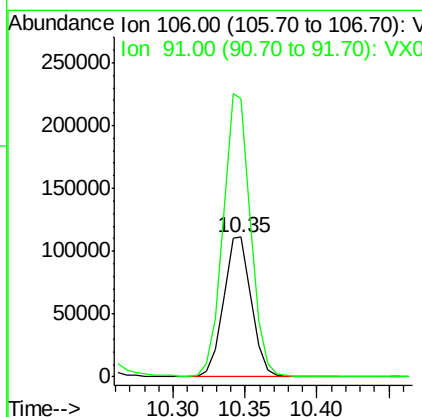
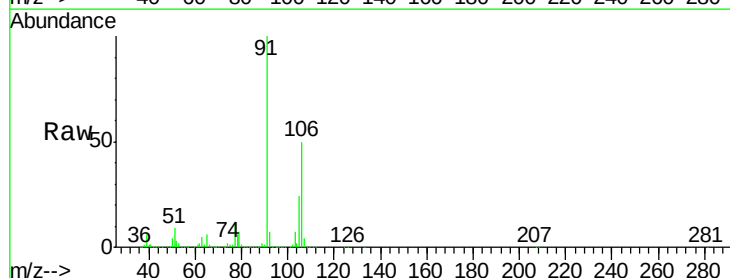
Manual Integrations
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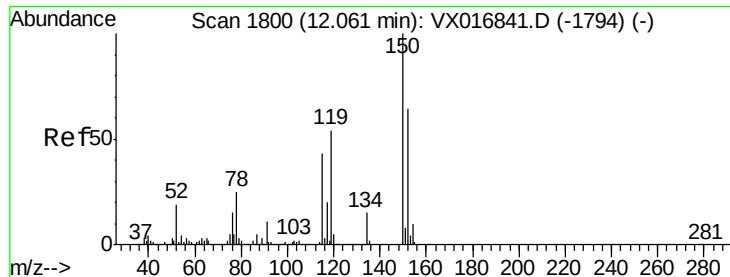
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#68
m/p-Xylenes
Concen: 22.702 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Tgt Ion: 106 Resp: 150900
Ion Ratio Lower Upper
106 100
91 200.2 161.5 242.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

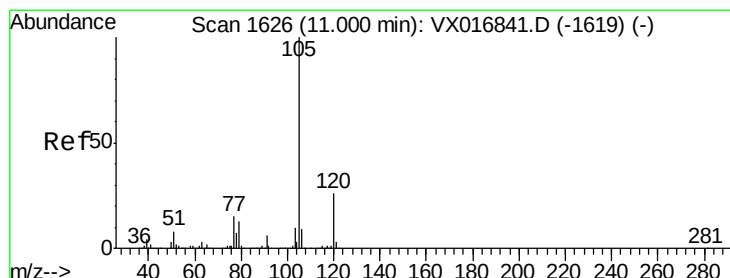
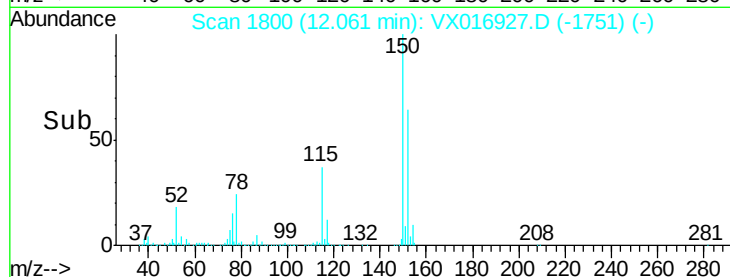
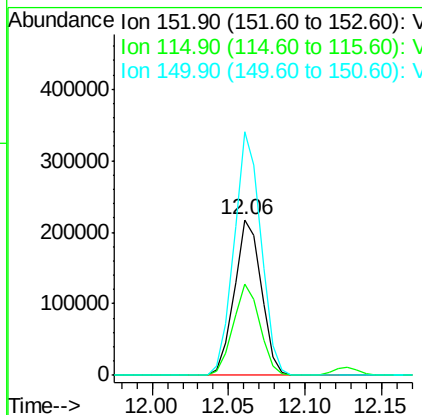
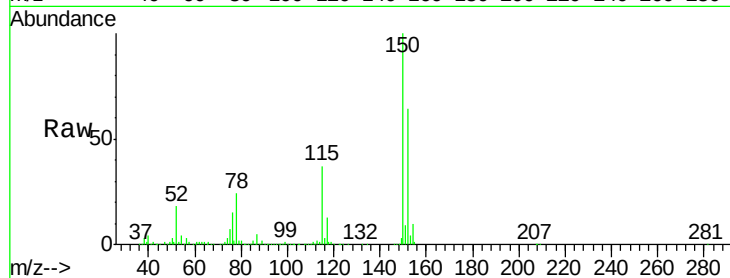
ClientSampleId :

MW-27DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.5	40.9	122.8
150	155.0	0.0	344.2

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#73

Isopropylbenzene

Concen: 5.440 ug/l

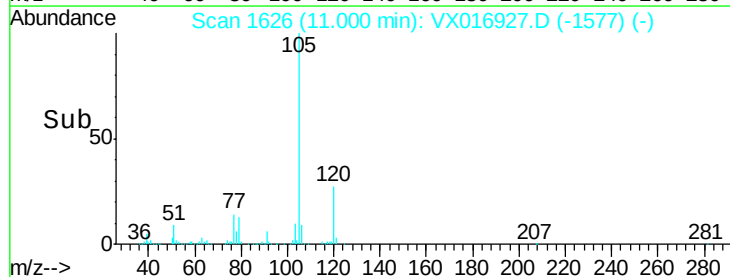
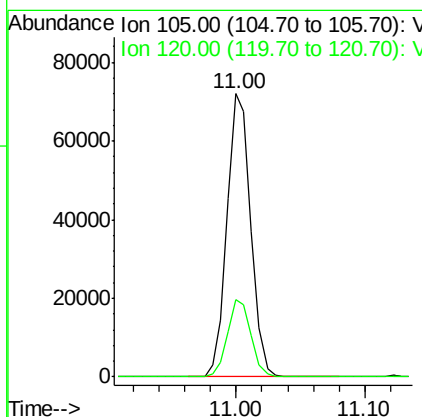
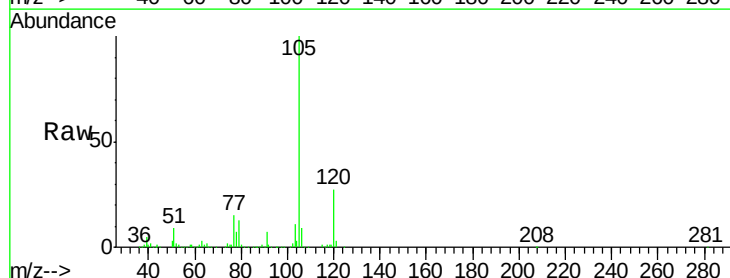
RT: 11.00 min Scan# 1626

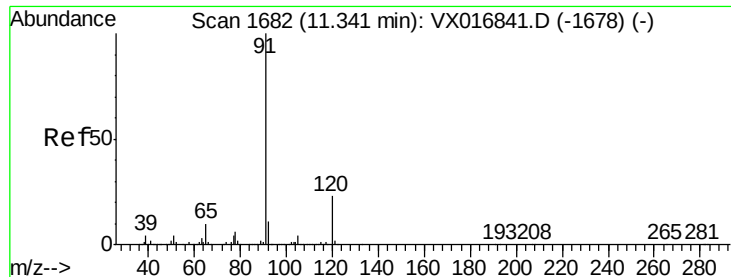
Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.2	39.6





#78

n-propylbenzene

Concen: 16.098 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

Tot Ion: 91 Resp: 308174

Ion Ratio Lower Upper

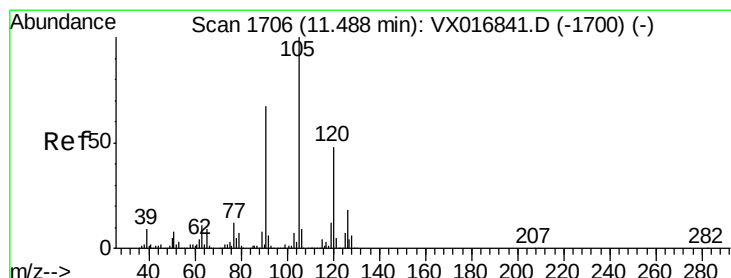
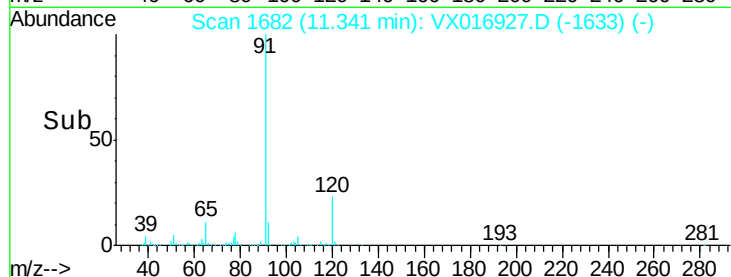
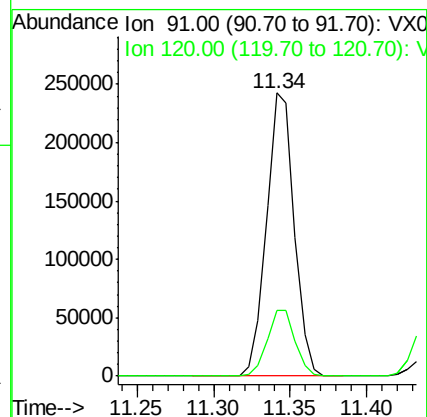
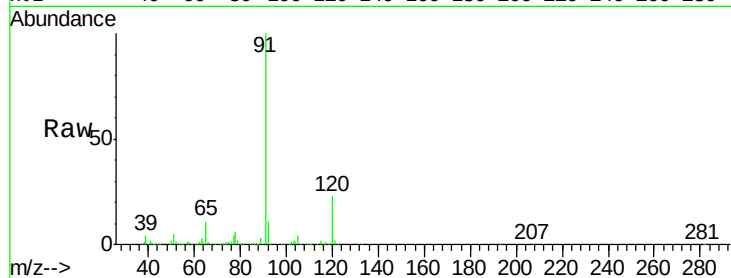
91 100

120 23.6 11.9 35.5

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#80

1,3,5-Trimethylbenzene

Concen: 8.050 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016927.D

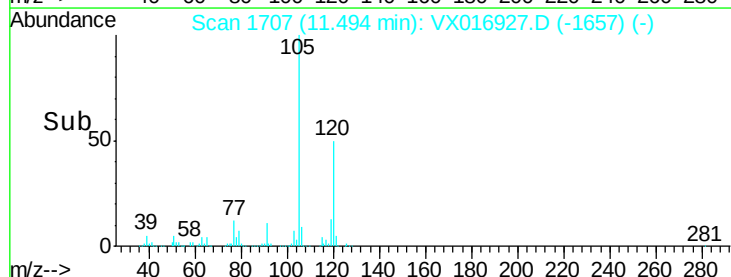
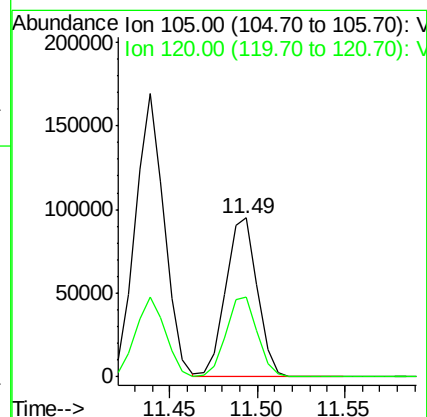
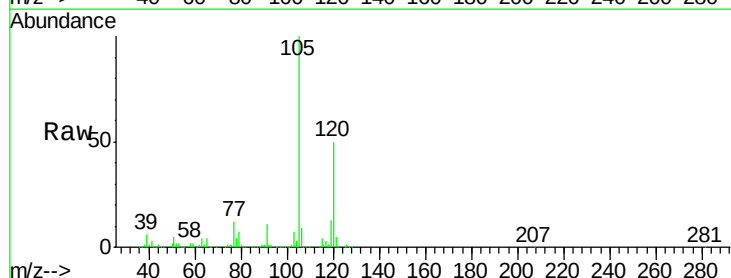
Acq: 22 Jun 2020 18:07

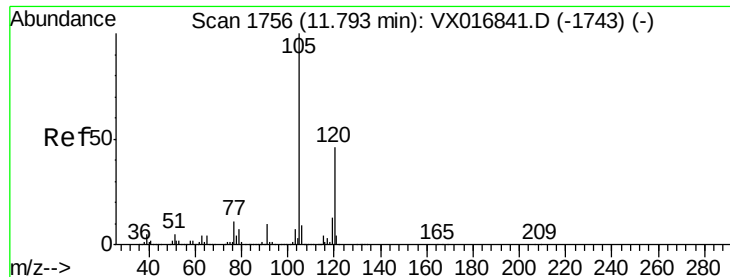
Tgt Ion: 105 Resp: 119131

Ion Ratio Lower Upper

105 100

120 50.2 24.6 74.0





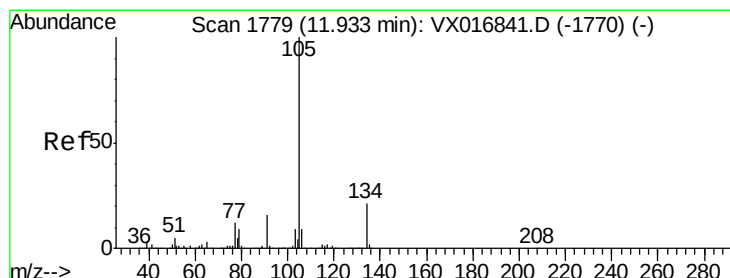
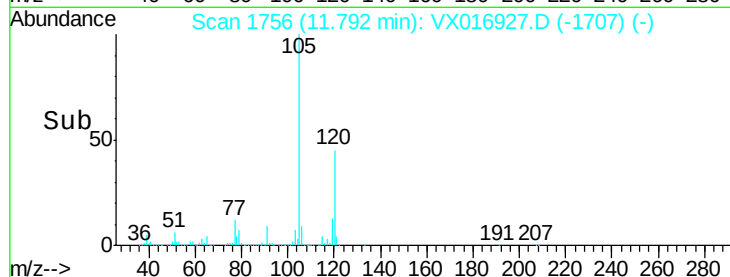
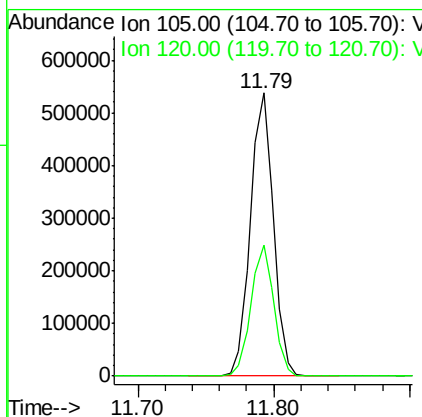
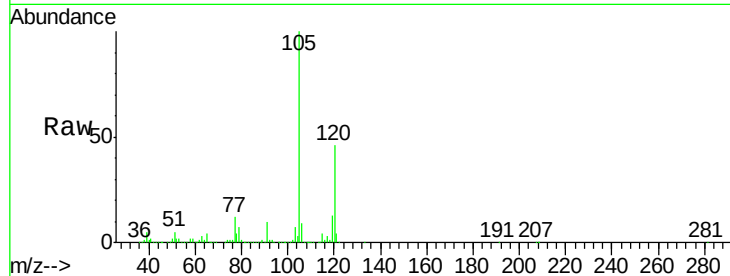
#84
 1,2,4-Trimethylbenzene
 Concen: 41.903 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016927.D
 Acq: 22 Jun 2020 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.3	66.9

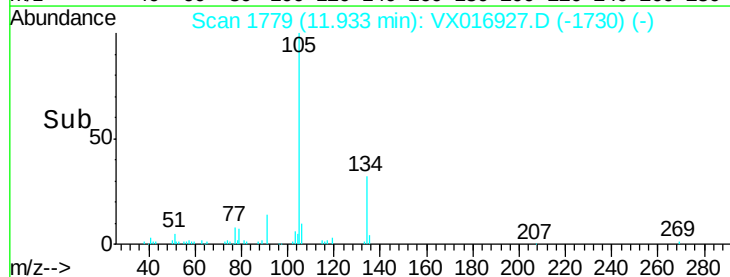
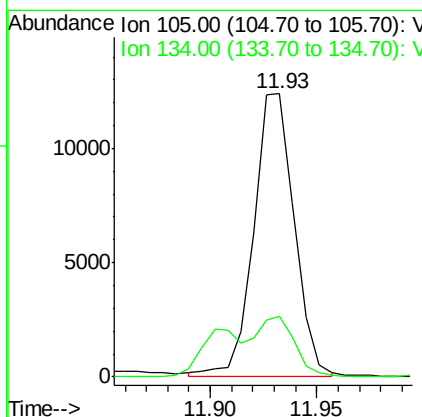
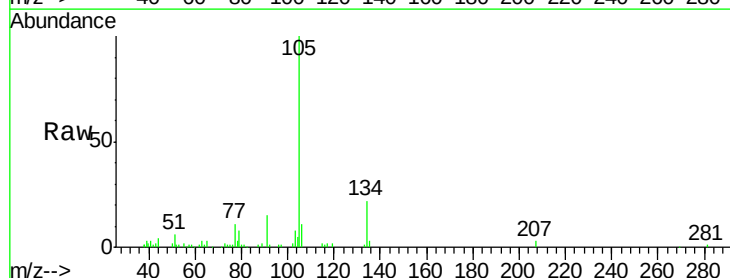
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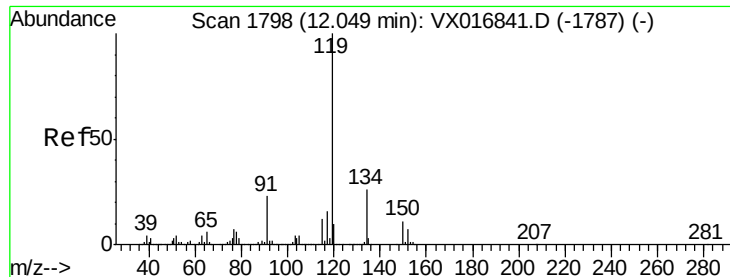
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#85
 sec-Butylbenzene
 Concen: 0.968 ug/l m
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016927.D
 Acq: 22 Jun 2020 18:07

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.2#





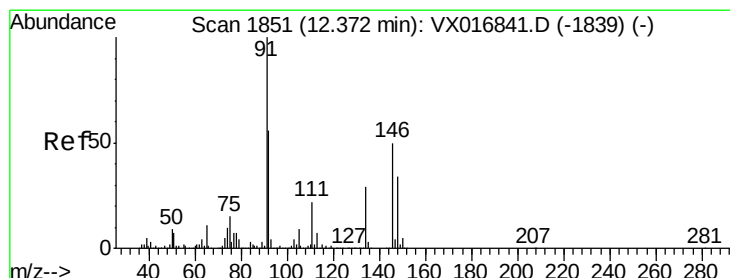
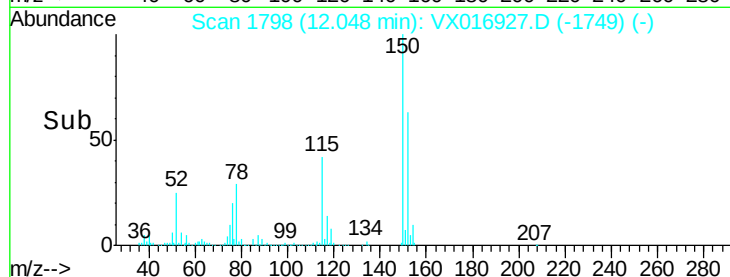
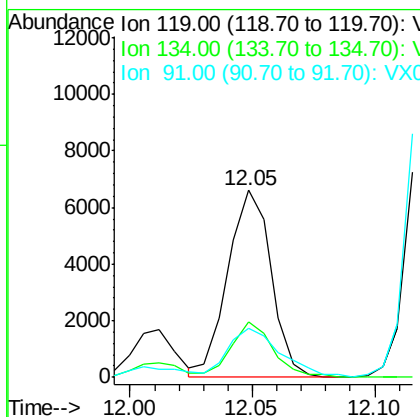
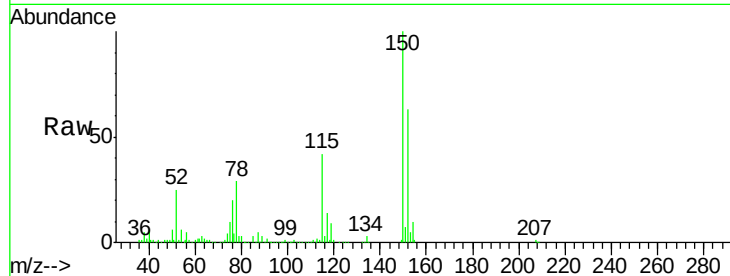
#86
p-Isopropyltoluene
Concen: 0.524 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Instrument :
MSVOA_X
ClientSampled :
MW-27DL

Tot Ion	Ratio	Resp	Lower	Upper
119	100	8164		
134	28.7	12.9	38.7	
91	31.7	11.6	34.8	

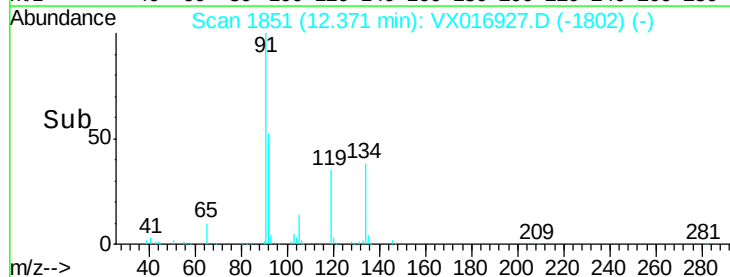
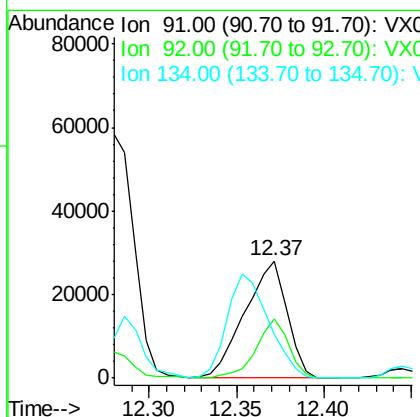
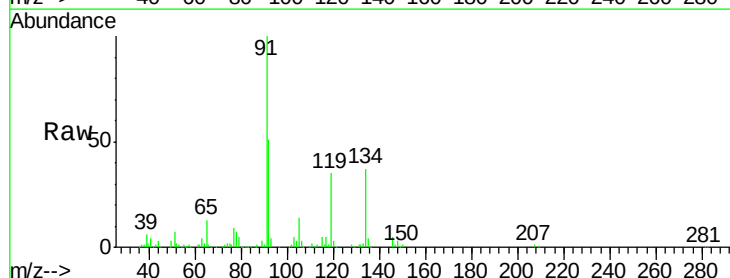
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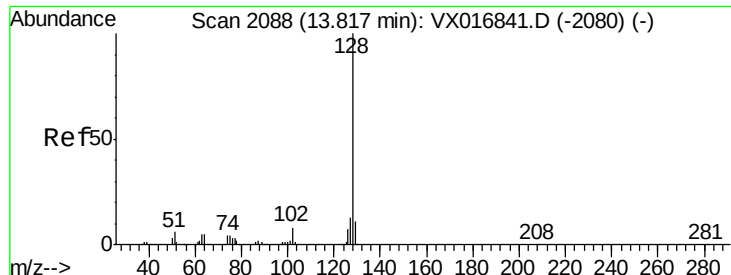
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#89
n-Butylbenzene
Concen: 3.529 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	47157		
92	39.2	27.4	82.2	
134	87.3	13.9	41.6	





#95
Naphthalene
Concen: 33.043 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0

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