

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033782.D
 Acq On : 23 May 2019 20:46
 Operator : SY/AP
 Sample : K2929-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3001-25

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:40 AM

Quant Time: May 24 05:51:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 18 2019
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	944103	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2476651	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2408635	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1999740	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	41714	0.210	ppbv	100
3) Chlorodifluoromethane	3.01	51	28070m	0.260	ppbv	
4) Chloromethane	3.17	50	27593	0.446	ppbv	97
9) Propene	3.03	41	404257	8.789	ppbv	94
10) Heptane	8.24	43	382850	2.939	ppbv	99
11) Trichlorofluoromethane	4.00	101	66954	0.353	ppbv	91
13) Ethanol	3.66	45	363579	24.455	ppbv	99
15) Acetone	3.89	43	4432875	33.842	ppbv	98
17) tert-Butyl alcohol	4.37	59	37342m	0.353	ppbv	
20) Methylene Chloride	4.41	84	116997	2.320	ppbv	93
26) Hexane	5.78	57	492113	4.975	ppbv	84
27) Carbon Disulfide	4.62	76	139294	1.026	ppbv #	92
30) Cyclohexane	7.24	84	44724m	0.538	ppbv	
34) 2-Butanone	5.33	43	320168	2.086	ppbv	99
35) Carbon Tetrachloride	7.13	117	10301m	0.052	ppbv	
36) Benzene	6.99	78	343429	1.524	ppbv	95
38) Trichloroethene	7.95	130	2926m	0.035	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	178842	0.470	ppbv #	74
50) 4-Methyl-2-Pentanone	8.88	43	35721	0.151	ppbv	97
52) Tetrachloroethene	11.36	164	24400m	0.308	ppbv	
53) Toluene	9.94	91	5489751	22.592	ppbv	98
58) Ethyl Benzene	12.86	91	1269956	3.982	ppbv	99
59) m/p-Xylene	13.11	91	4165232	14.939	ppbv	97
60) o-Xylene	13.84	91	1388523	4.940	ppbv	97
61) Styrene	13.68	104	39222	0.207	ppbv	96
62) Isopropylbenzene	14.81	105	83907	0.222	ppbv	97
64) n-propylbenzene	15.71	120	67305m	0.687	ppbv	
70) n-Butylbenzene	18.72	91	76993m	0.180	ppbv	
72) 4-Ethyltoluene	15.99	105	365037	1.136	ppbv	99
73) 1,3,5-Trimethylbenzene	16.15	105	249747	0.796	ppbv	99
74) 1,2,4-Trimethylbenzene	16.91	105	896892	2.628	ppbv #	73
75) 1,3-Dichlorobenzene	17.15	146	29466m	0.141	ppbv	
76) 1,4-Dichlorobenzene	17.30	146	22014m	0.111	ppbv	
79) Naphthalene	22.41	128	82447m	0.260	ppbv	

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

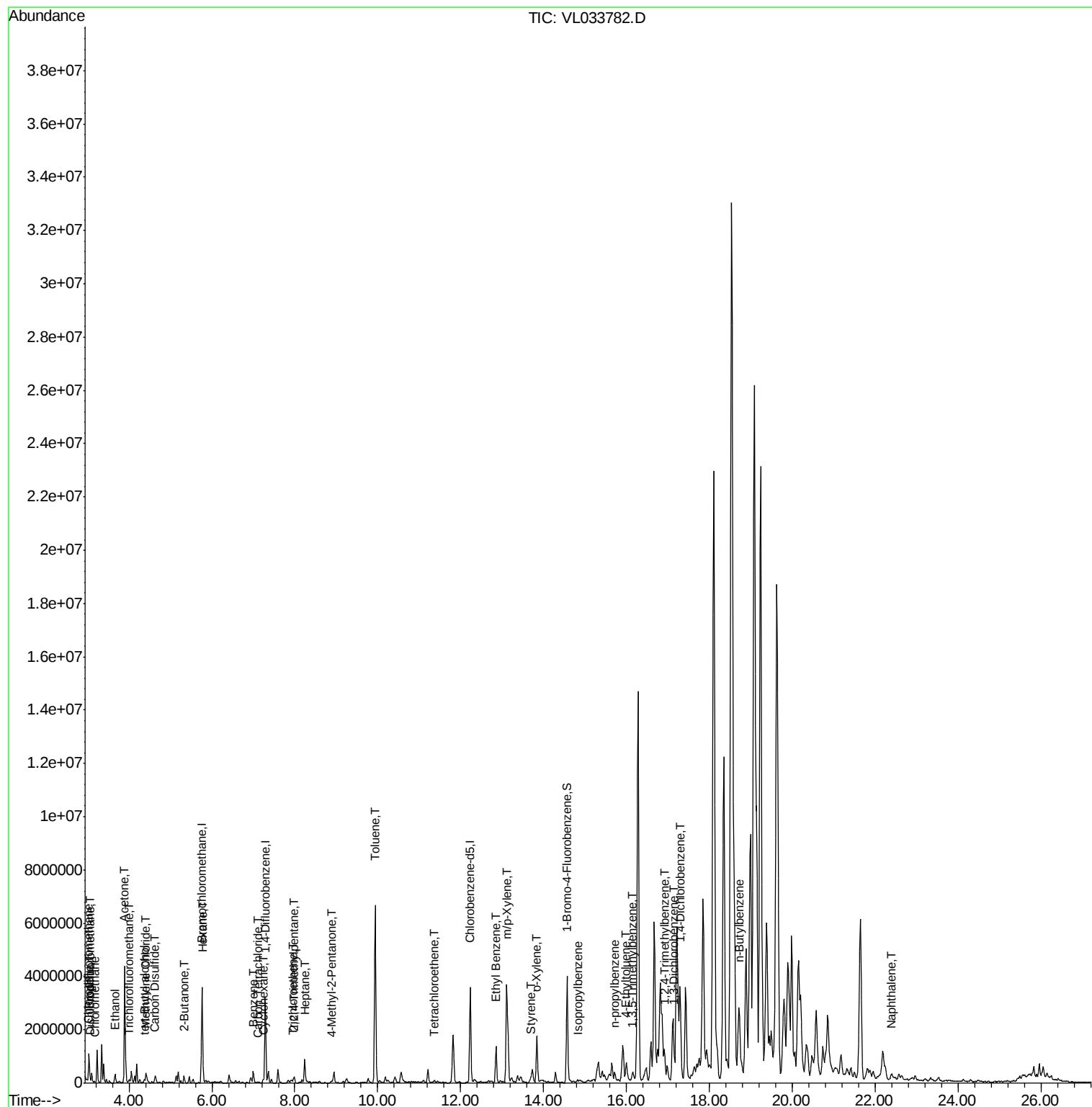
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052319\
Data File : VL033782.D
Acq On : 23 May 2019 20:46
Operator : SY/AP
Sample : K2929-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

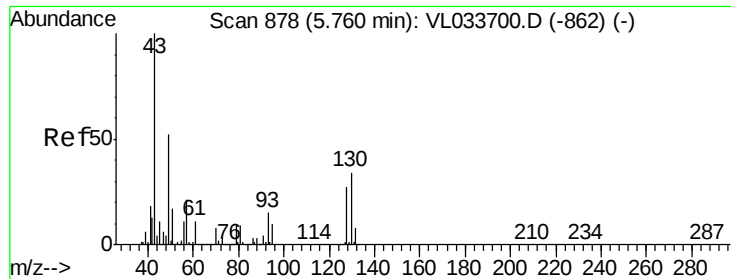
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-25

Manual Integrations
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5/28/2019 2:53:40 AM

Quant Time: May 24 05:51:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.00 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Instrument :

MSVOA_L

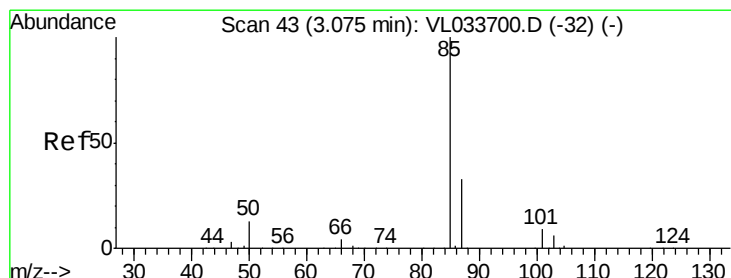
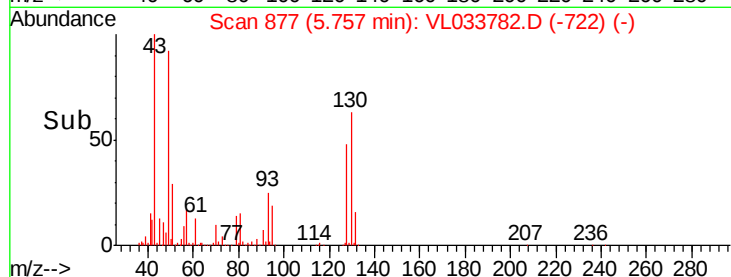
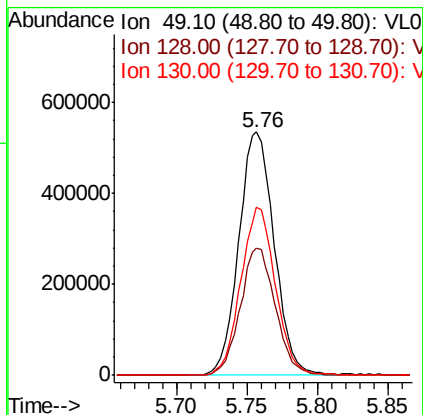
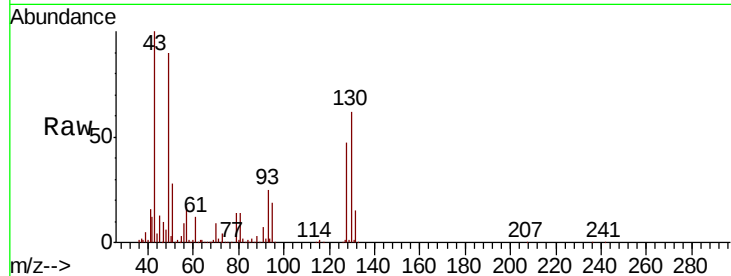
ClientSampleId :

BPS1-SG-3001-25

Tot Ion:	49	Resp:	944103
Ion	Ratio	Lower	Upper
49	100		
128	52.1	25.2	75.6
130	67.8	32.5	97.5

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#2

Dichlorodifluoromethane

Concen: 0.210 ppbv

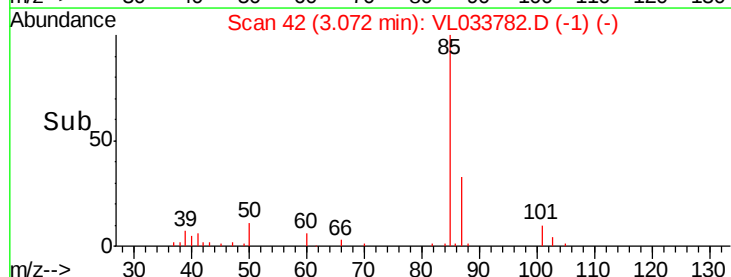
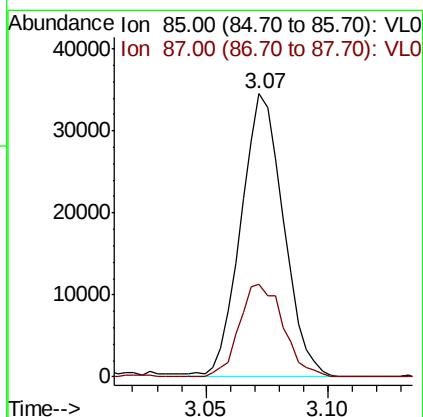
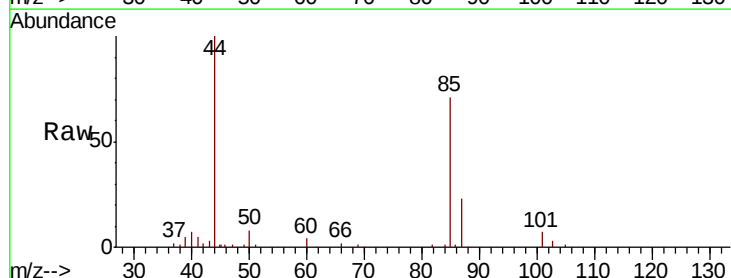
RT: 3.07 min Scan# 42

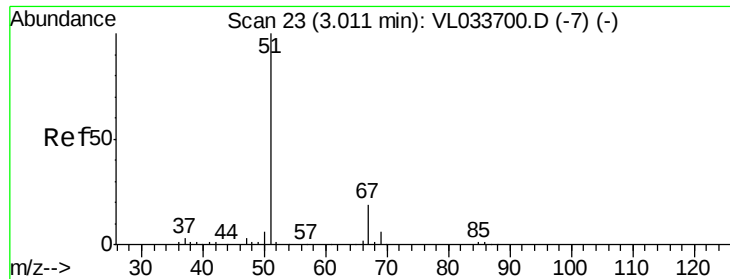
Delta R.T. -0.00 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Tgt Ion:	85	Resp:	41714
Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.3	39.5





#3

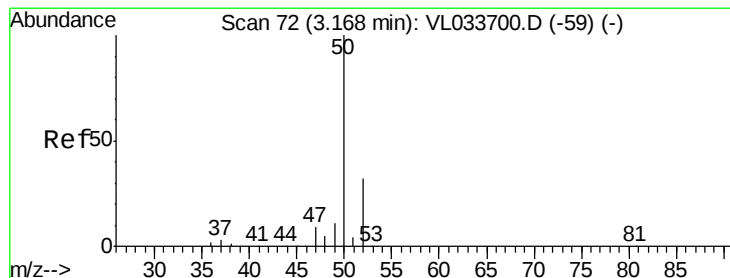
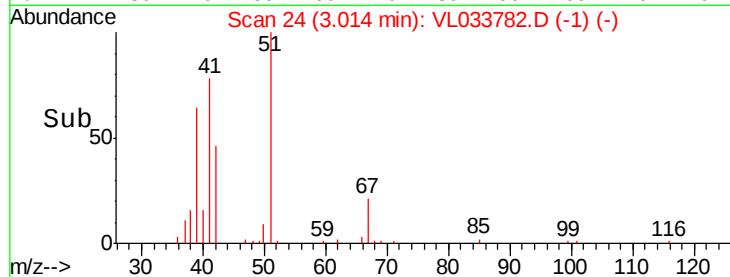
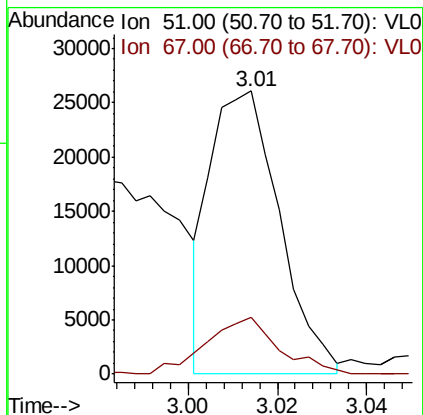
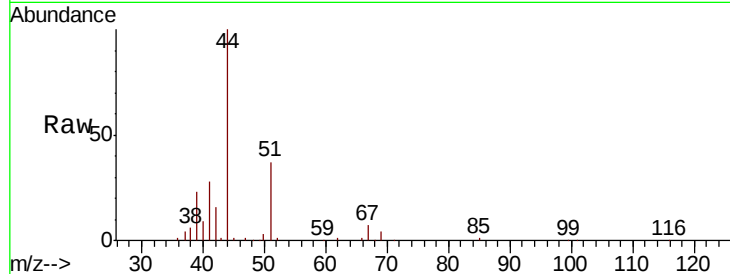
Chlorodifluoromethane
Concen: 0.260 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.00 min
Lab File: VL033782.D
Acq: 23 May 2019 20:46

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-25

Tot Ion	Ion	Ratio	Lower	Upper
51	100			
67	21.4	15.6	23.4	

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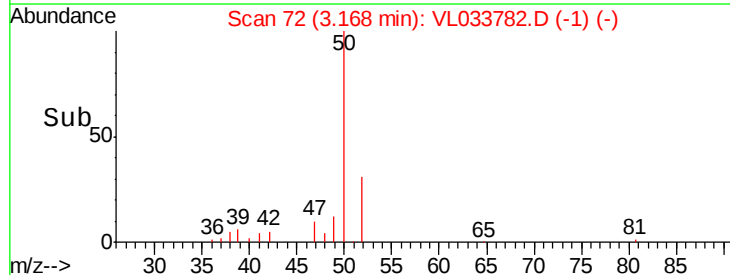
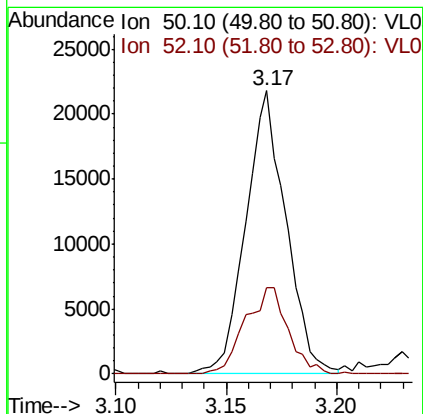
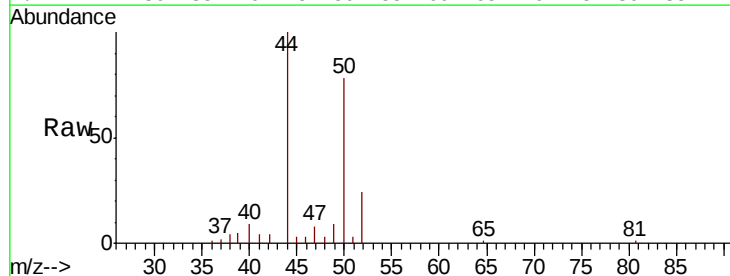
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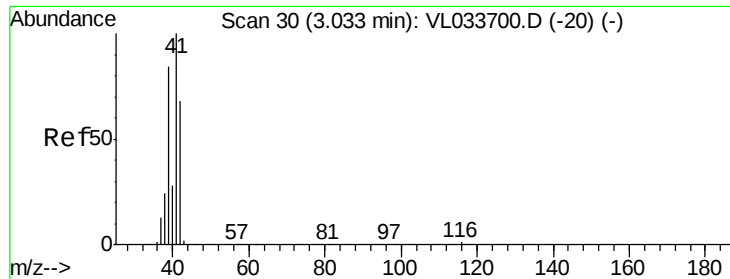


#4

Chloromethane
Concen: 0.446 ppbv
RT: 3.17 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL033782.D
Acq: 23 May 2019 20:46

Tgt Ion	Ion	Ratio	Lower	Upper
50	100			
52	30.6	25.7	38.5	





#9

Propene

Concen: 8.789 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3001-25

Tot Ion: 41 Resp: 404257

Ion Ratio Lower Upper

41 100

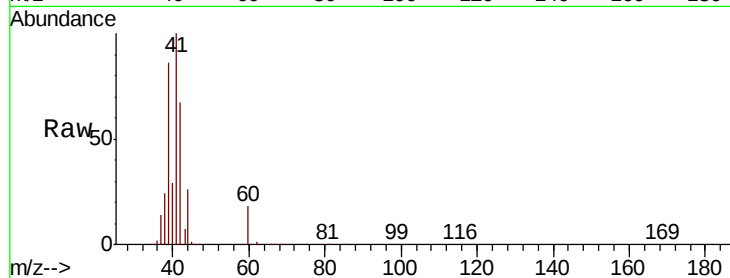
42 65.4 56.1 84.1

Manual Integrations

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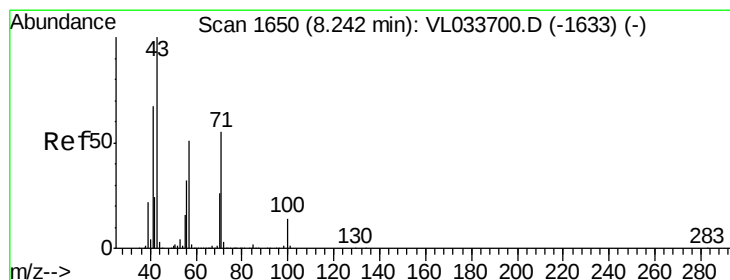
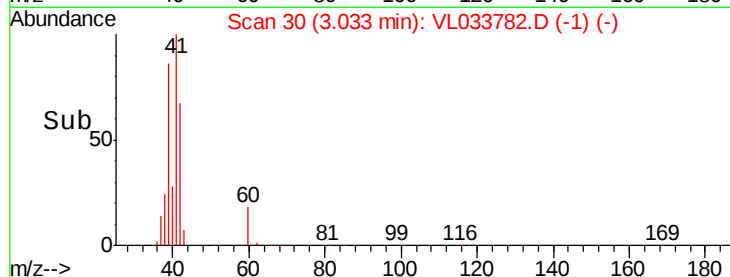
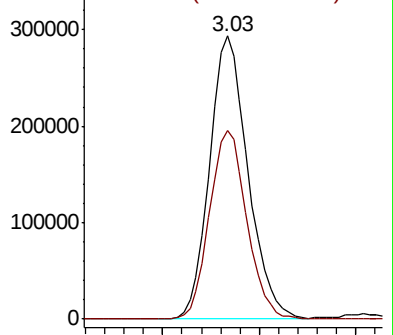
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Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 2.939 ppbv

RT: 8.24 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VL033782.D

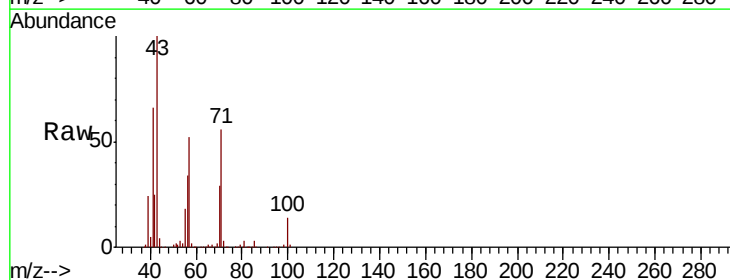
Acq: 23 May 2019 20:46

Tgt Ion: 43 Resp: 382850

Ion Ratio Lower Upper

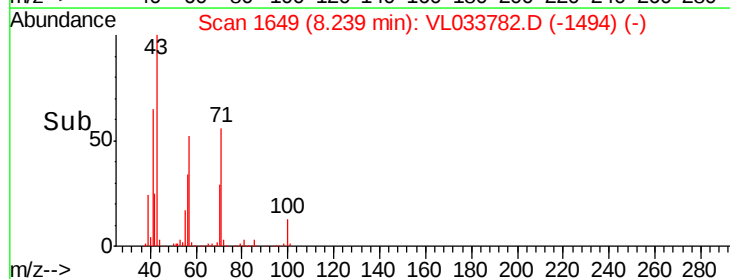
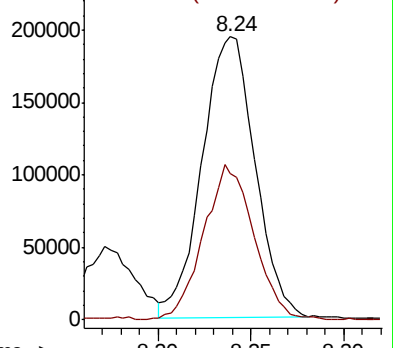
43 100

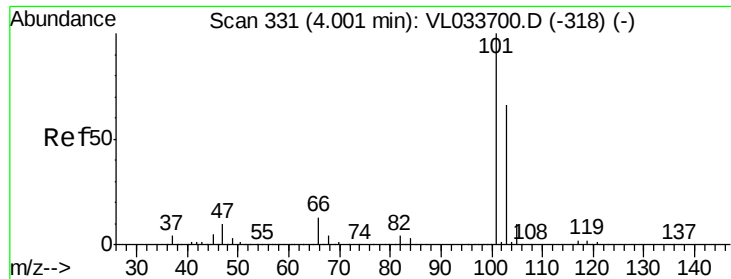
57 52.5 41.4 62.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





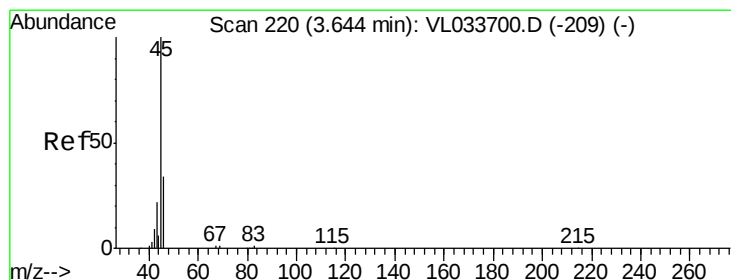
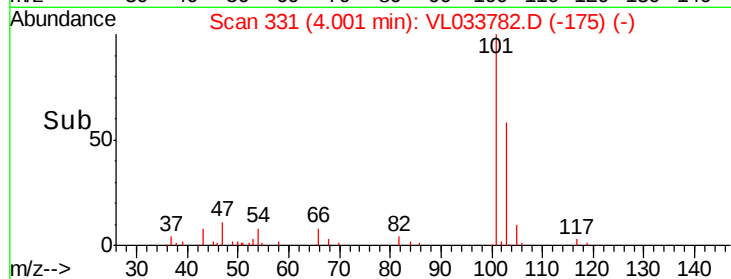
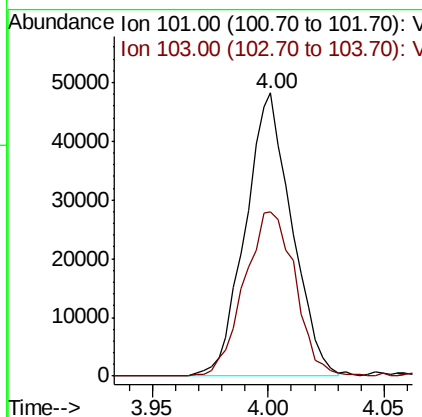
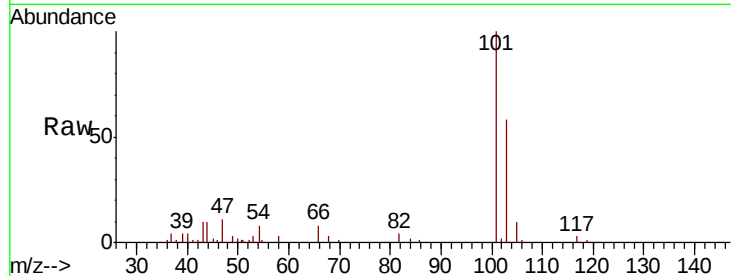
#11
Trichlorofluoromethane
Concen: 0.353 ppbv
RT: 4.00 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL033782.D
Acq: 23 May 2019 20:46

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-25

Tot Ion:101 Resp: 66954
Ion Ratio Lower Upper
101 100
103 58.4 52.6 78.8

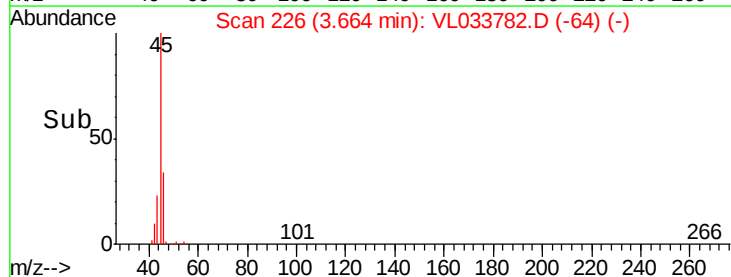
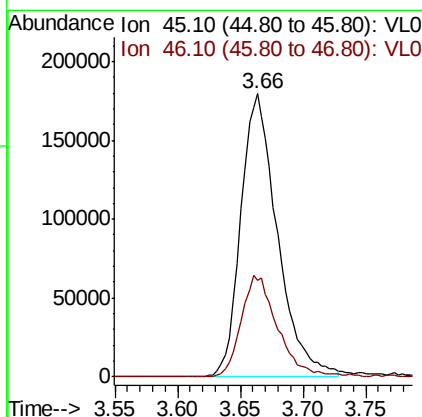
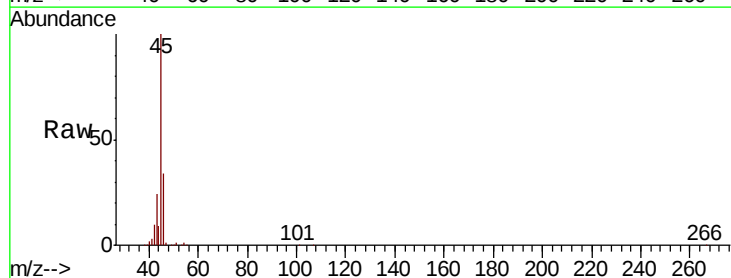
Manual Integrations
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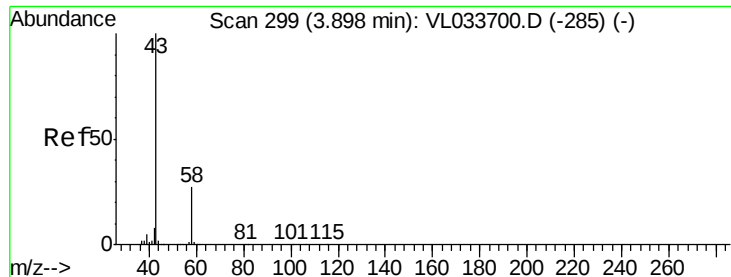
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#13
Ethanol
Concen: 24.455 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.02 min
Lab File: VL033782.D
Acq: 23 May 2019 20:46

Tgt Ion: 45 Resp: 363579
Ion Ratio Lower Upper
45 100
46 36.3 14.8 59.0





#15

Acetone

Concen: 33.842 ppbv

RT: 3.89 min Scan# 297

Delta R.T. -0.01 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3001-25

Tot Ion: 43 Resp: 4432875

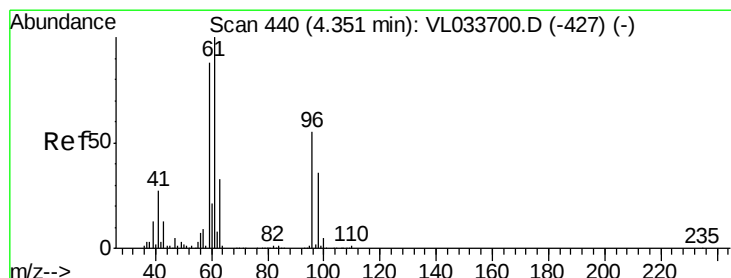
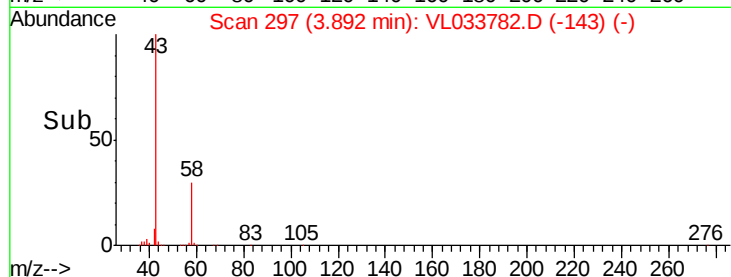
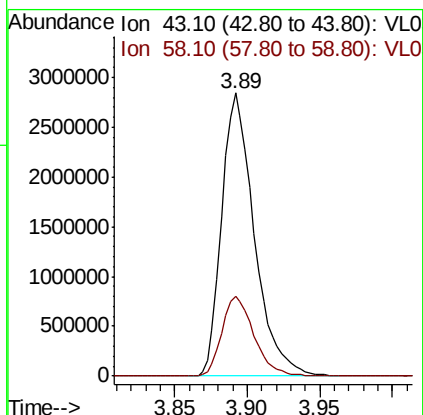
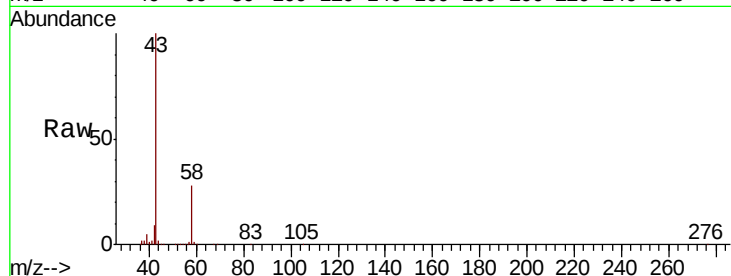
Ion Ratio Lower Upper

43 100

58 27.7 21.3 31.9

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#17

tert-Butyl alcohol

Concen: 0.353 ppbv m

RT: 4.37 min Scan# 447

Delta R.T. 0.02 min

Lab File: VL033782.D

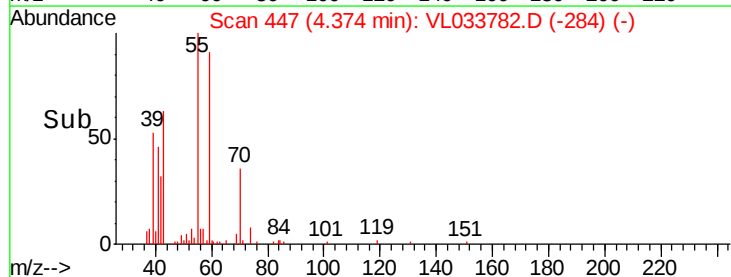
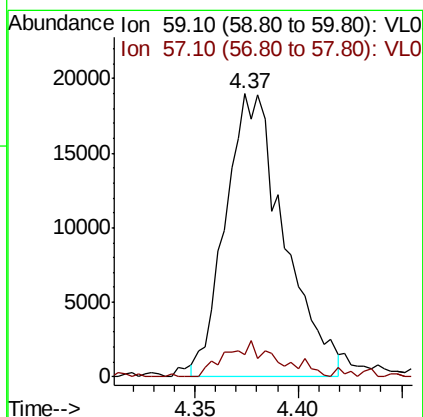
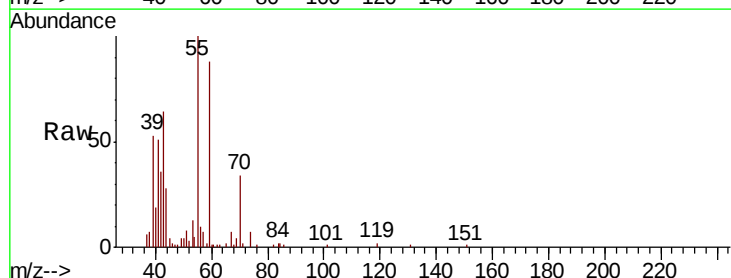
Acq: 23 May 2019 20:46

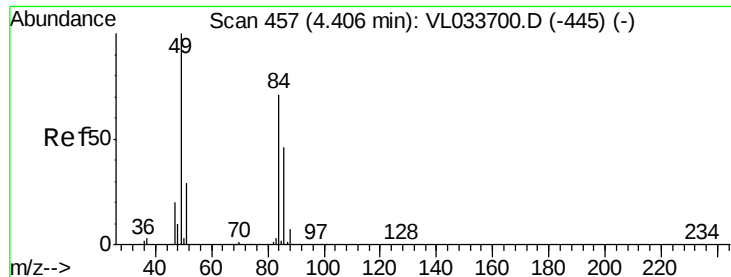
Tgt Ion: 59 Resp: 37342

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#





#20

Methylene Chloride

Concen: 2.320 ppbv

RT: 4.41 min Scan# 457

Delta R.T. 0.00 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Instrument :

MSVOA_L

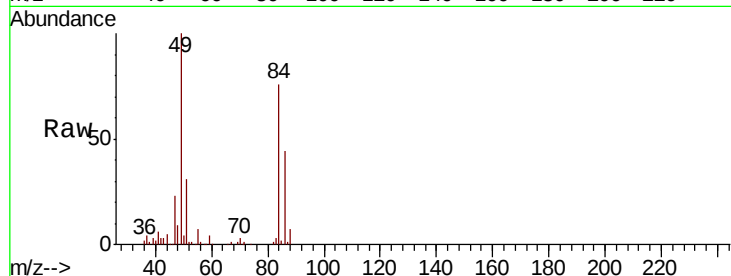
ClientSampleId :

BPS1-SG-3001-25

Tot Ion:	84	Resp:	116997
Ion	Ratio	Lower	Upper
84	100		
49	131.6	112.8	169.2
51	39.1	33.4	50.0
86	58.3	51.7	77.5

Manual Integrations
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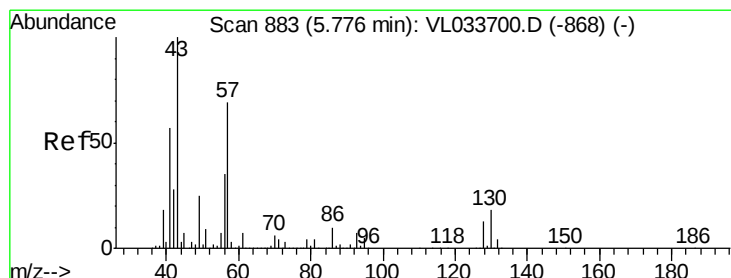
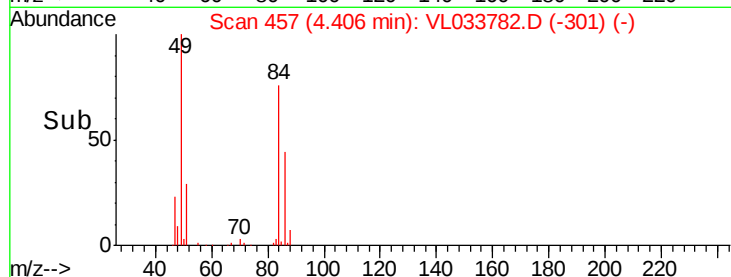
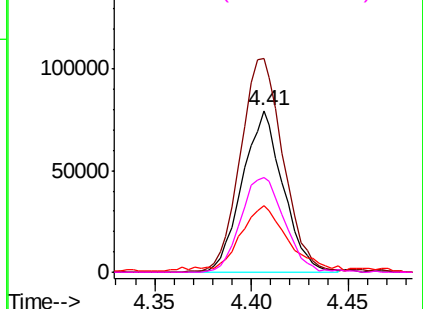
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#26

Hexane

Concen: 4.975 ppbv

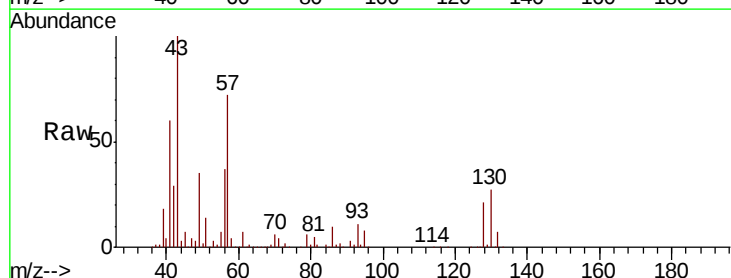
RT: 5.78 min Scan# 883

Delta R.T. 0.00 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Tgt Ion:	57	Resp:	492113
Ion	Ratio	Lower	Upper
57	100		
41	90.3	69.8	104.6
43	266.3	181.8	272.6
56	54.3	42.1	63.1



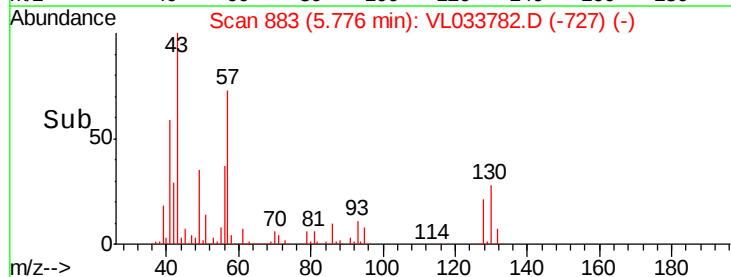
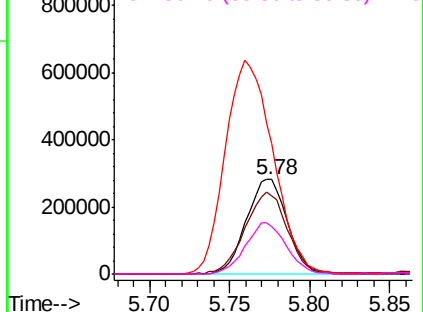
Abundance

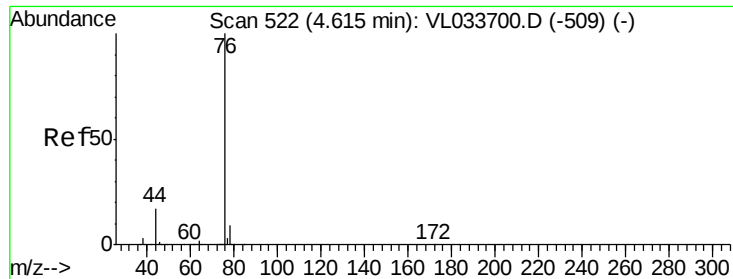
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





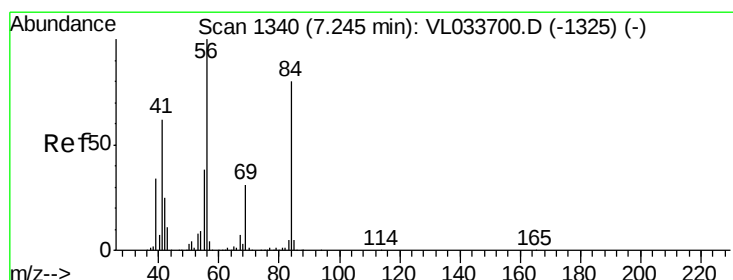
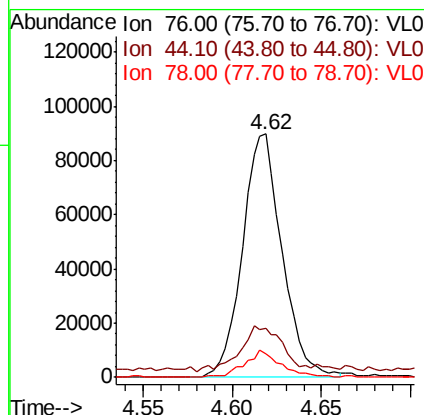
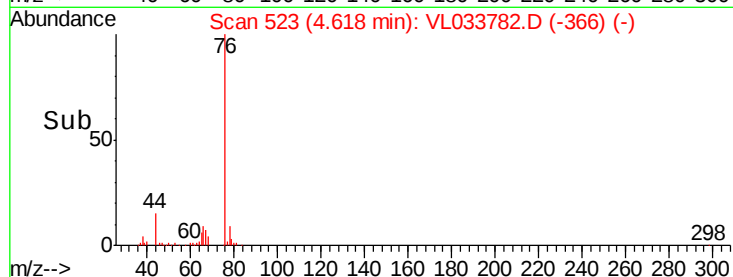
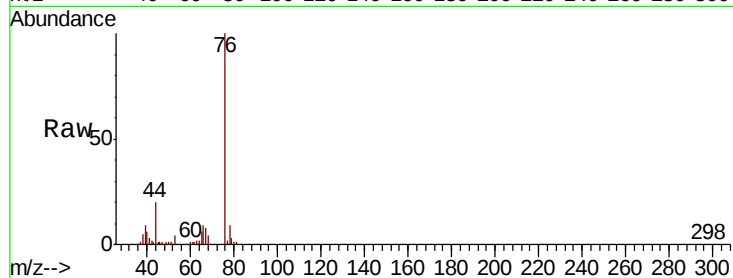
#27
Carbon Disulfide
Concen: 1.026 ppbv
RT: 4.62 min Scan# 523
Delta R.T. 0.00 min
Lab File: VL033782.D
Acq: 23 May 2019 20:46

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-25

Tot Ion	Ratio	Lower	Upper
76	100		
44	21.7	13.8	20.8#
78	10.3	7.4	11.0

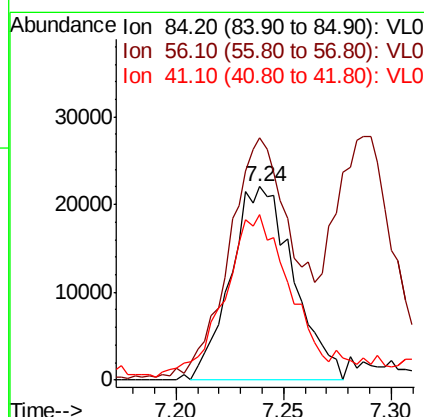
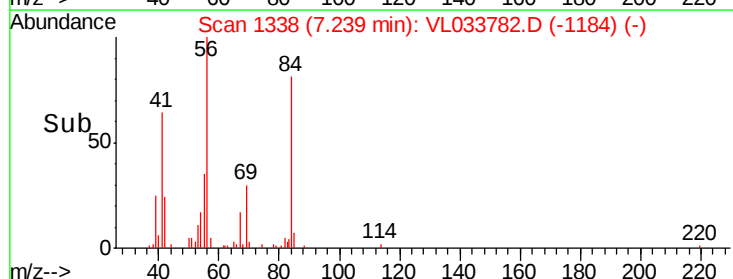
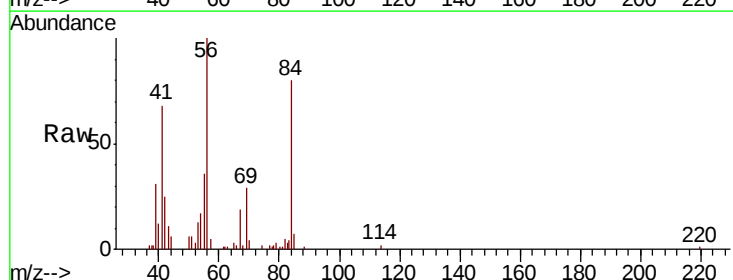
Manual Integrations
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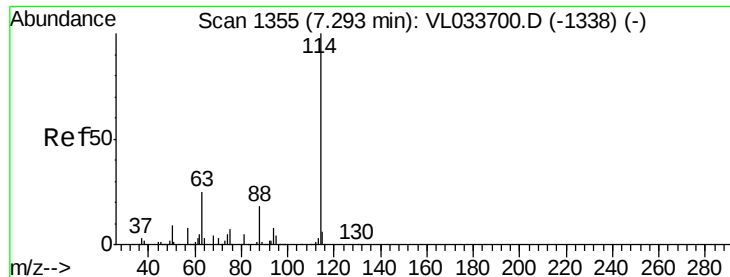
MMDadoda
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#30
Cyclohexane
Concen: 0.538 ppbv m
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033782.D
Acq: 23 May 2019 20:46

Tgt Ion	Ratio	Lower	Upper
84	100		
56	122.0	107.7	161.5
41	92.9	66.0	99.0





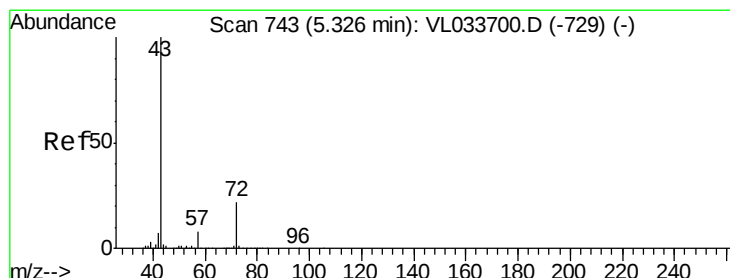
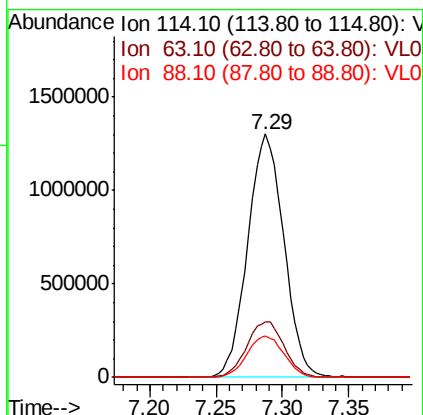
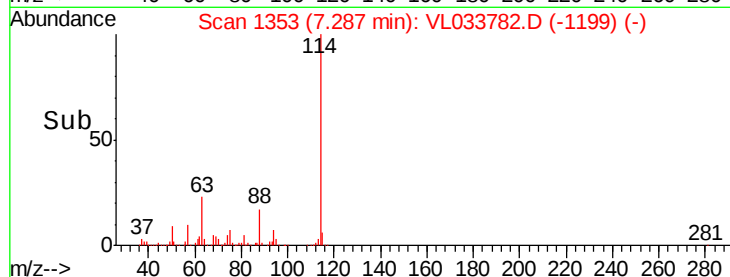
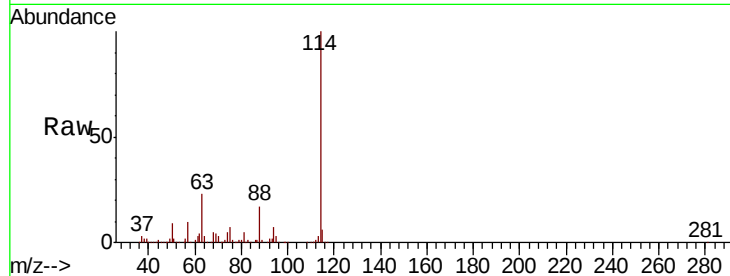
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033782.D
 Acq: 23 May 2019 20:46

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3001-25

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	20.9	31.3
88	17.5	14.3	21.5

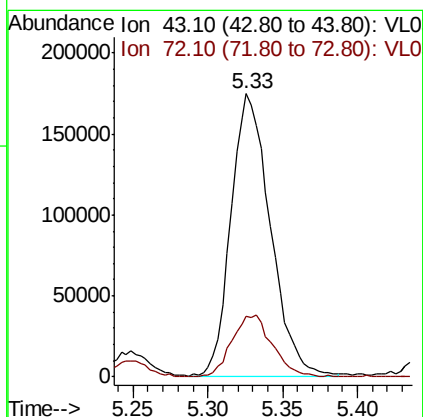
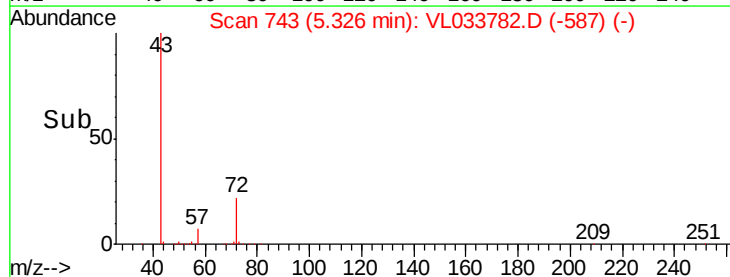
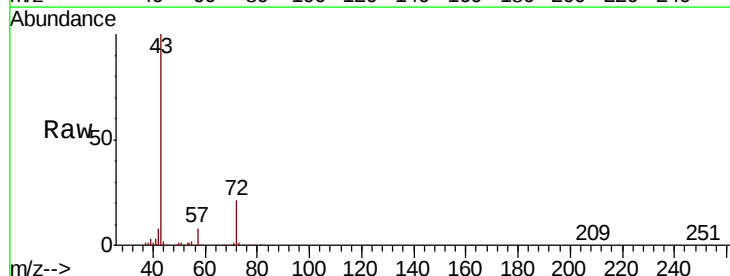
Manual Integrations
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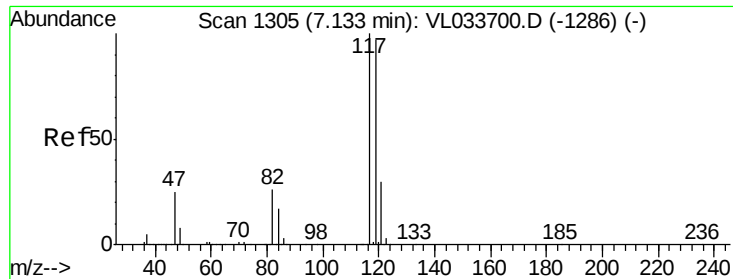
MMDadoda
 5/28/2019 2:53:40 AM



#34
 2-Butanone
 Concen: 2.086 ppbv
 RT: 5.33 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: VL033782.D
 Acq: 23 May 2019 20:46

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.8	26.6





#35

Carbon Tetrachloride

Concen: 0.052 ppbv m

RT: 7.13 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Instrument :

MSVOA_L

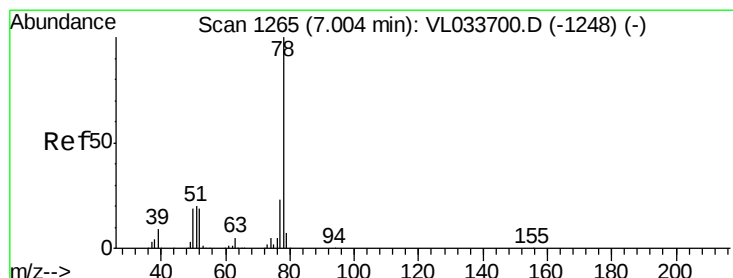
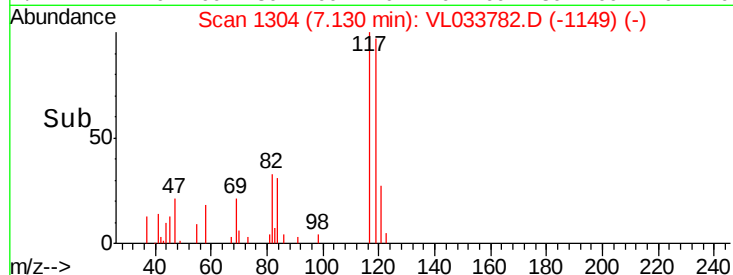
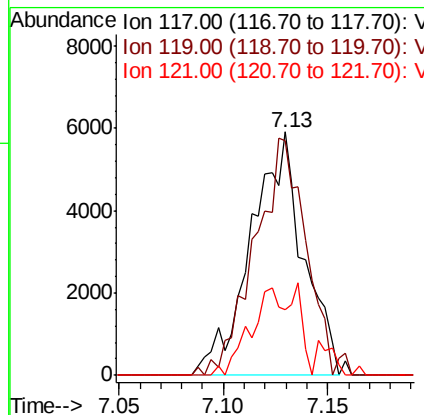
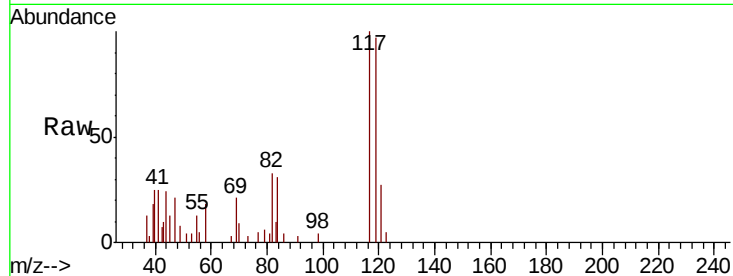
ClientSampleId :

BPS1-SG-3001-25

Tot Ion:	117	Resp:	10301
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.2	115.8
121	27.2	24.1	36.1

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#36

Benzene

Concen: 1.524 ppbv

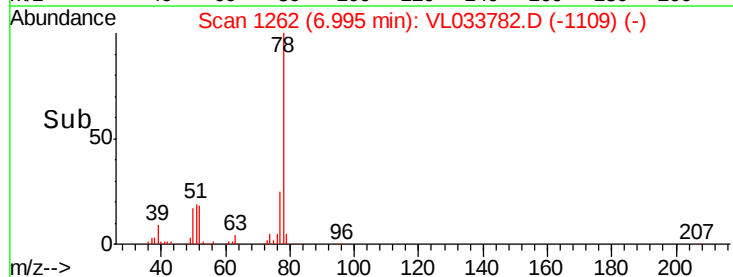
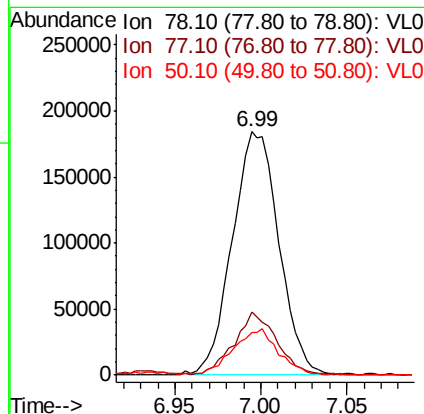
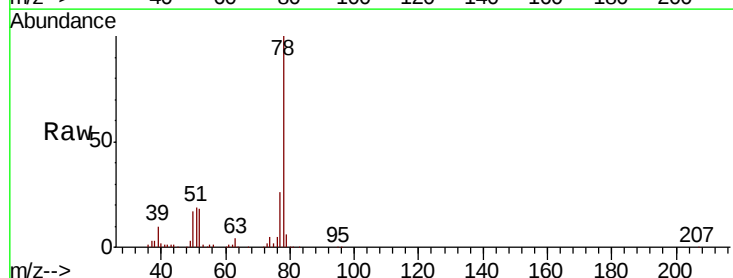
RT: 6.99 min Scan# 1262

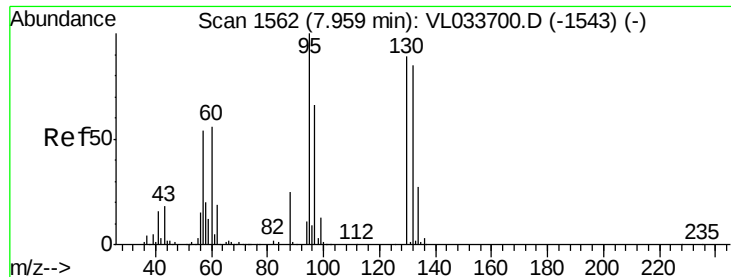
Delta R.T. -0.01 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Tgt Ion:	78	Resp:	343429
Ion	Ratio	Lower	Upper
78	100		
77	25.5	18.4	27.6
50	17.0	15.5	23.3





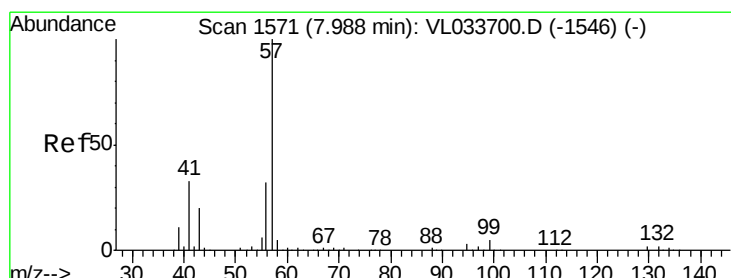
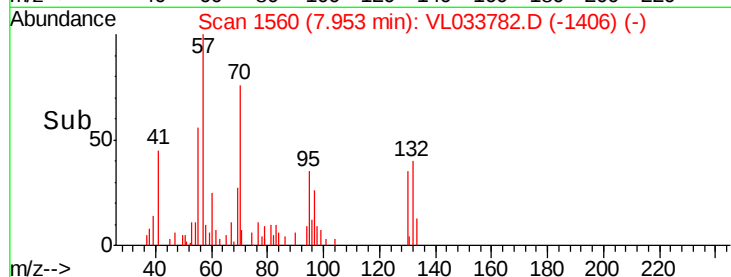
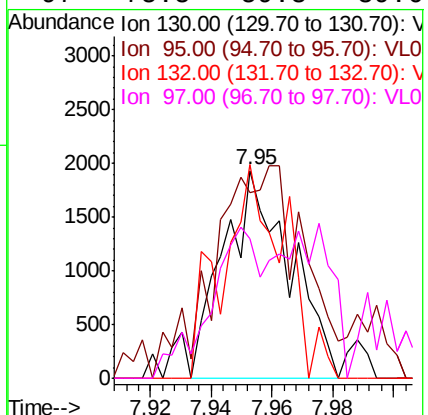
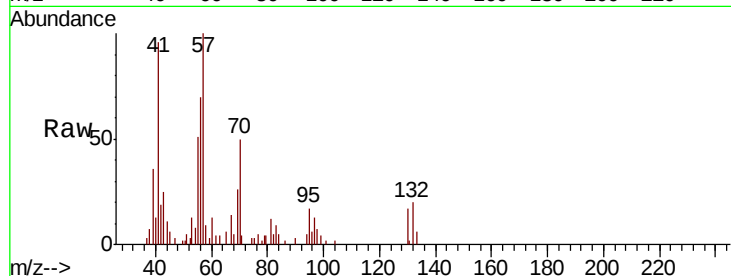
#38
 Trichloroethene
 Concen: 0.035 ppbv m
 RT: 7.95 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: VL033782.D
 Acq: 23 May 2019 20:46

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3001-25

Tot Ion	Ratio	Resp	Lower	Upper
130	100	2926		
95	100.1		90.2	135.4
132	115.5		76.4	114.6#
97	75.5		59.8	89.6

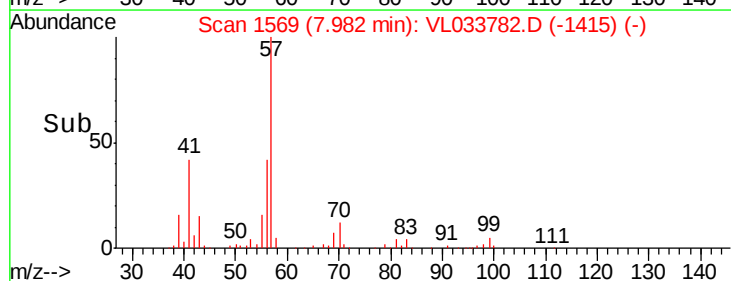
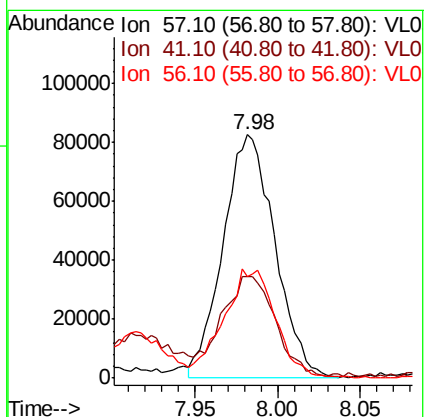
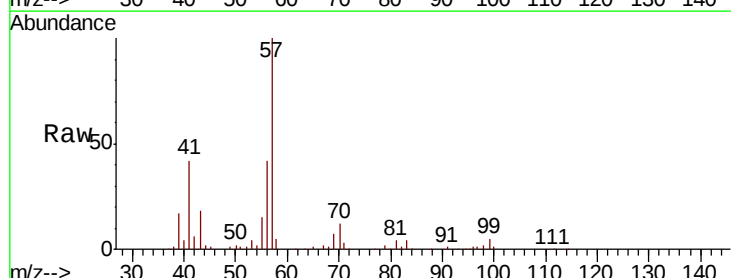
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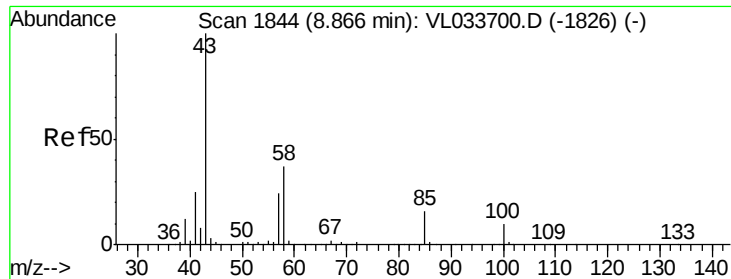
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#44
 2,2,4-Trimethylpentane
 Concen: 0.470 ppbv
 RT: 7.98 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL033782.D
 Acq: 23 May 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
57	100	178842		
41	45.3		25.4	38.0#
56	45.8		24.7	37.1#





#50

4-Methyl-2-Pentanone

Concen: 0.151 ppbv

RT: 8.88 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3001-25

Tot Ion: 43 Resp: 35721

Ion Ratio Lower Upper

43 100

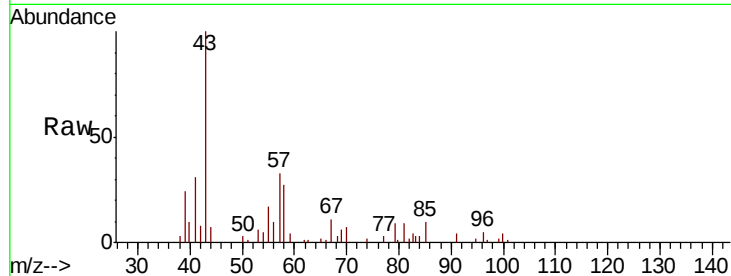
58 34.3 28.6 43.0

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

20000

15000

10000

5000

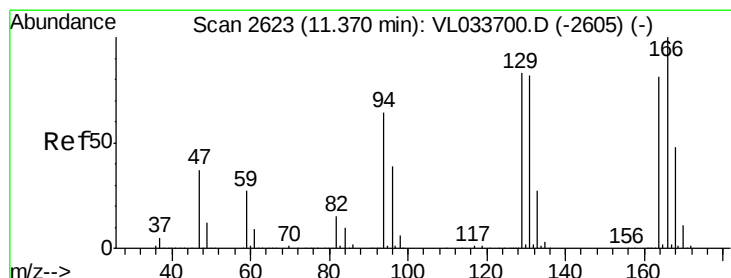
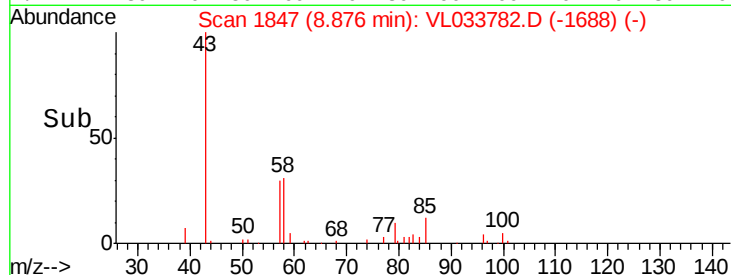
0

Time-->

8.80

8.85

8.90



#52

Tetrachloroethene

Concen: 0.308 ppbv m

RT: 11.36 min Scan# 2620

Delta R.T. -0.01 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Tgt Ion: 164 Resp: 24400

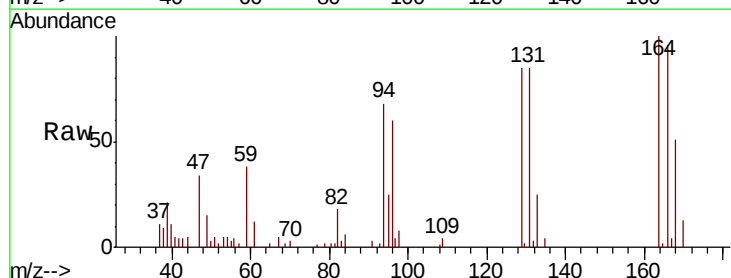
Ion Ratio Lower Upper

164 100

166 96.1 98.9 148.3#

129 84.7 81.8 122.6

131 84.8 81.1 121.7



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

20000

15000

10000

5000

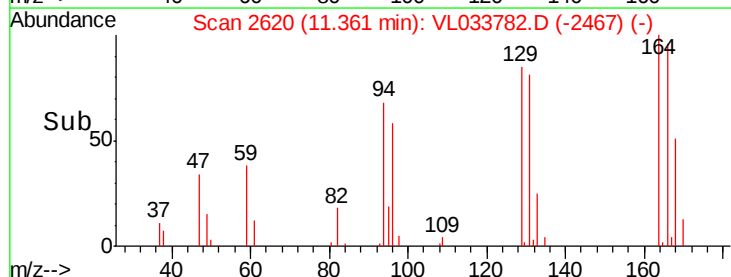
0

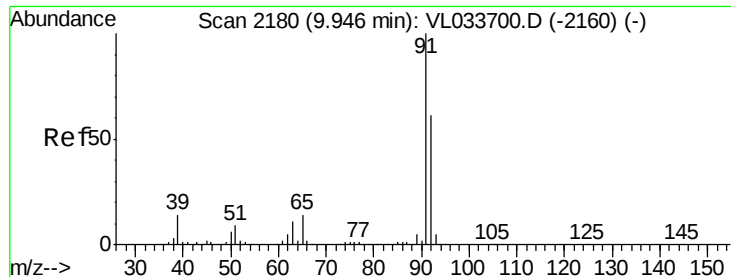
Time-->

11.30

11.35

11.40





#53

Toluene

Concen: 22.592 ppbv

RT: 9.94 min Scan# 2178

Delta R.T. -0.01 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3001-25

Tot Ion: 91 Resp: 5489751

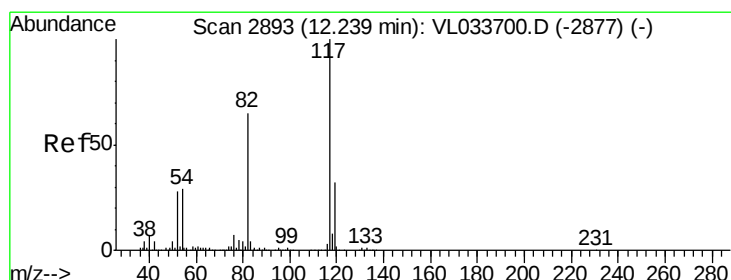
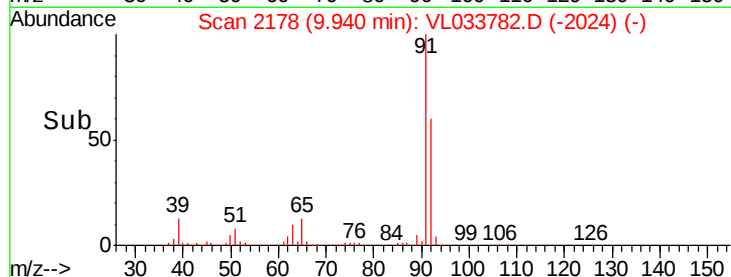
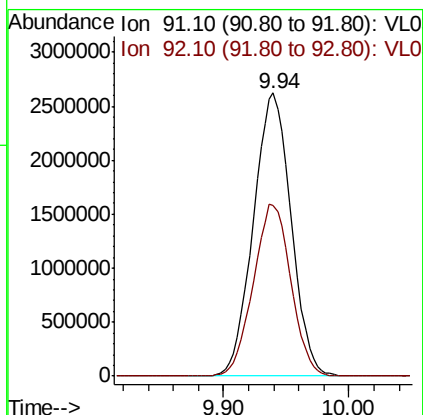
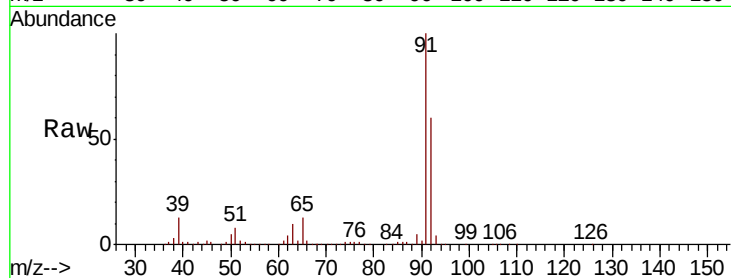
Ion Ratio Lower Upper

91 100

92 60.8 47.6 71.4

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.23 min Scan# 2891

Delta R.T. -0.01 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

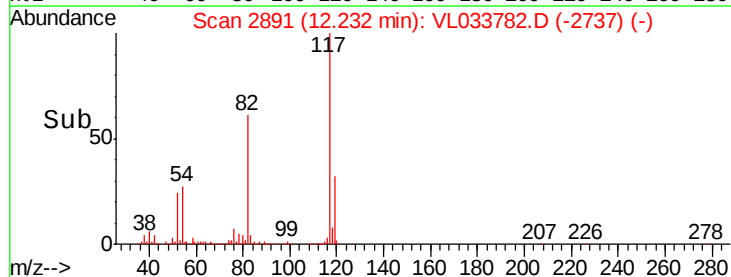
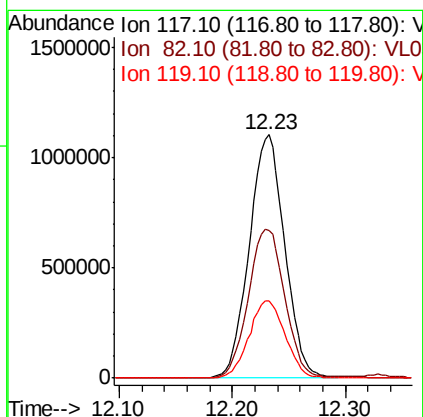
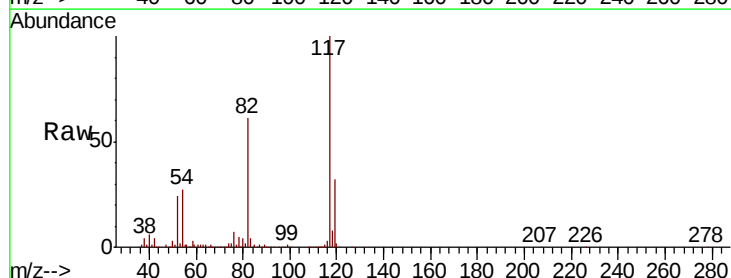
Tgt Ion: 117 Resp: 2408635

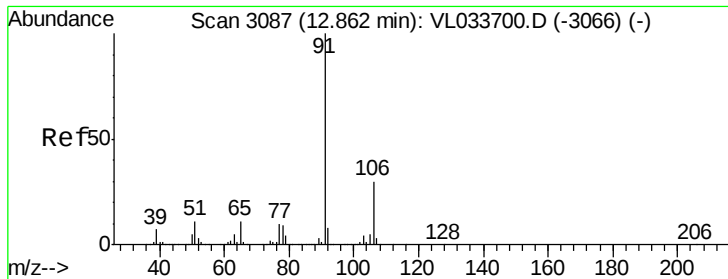
Ion Ratio Lower Upper

117 100

82 62.7 49.4 74.0

119 32.3 24.9 37.3





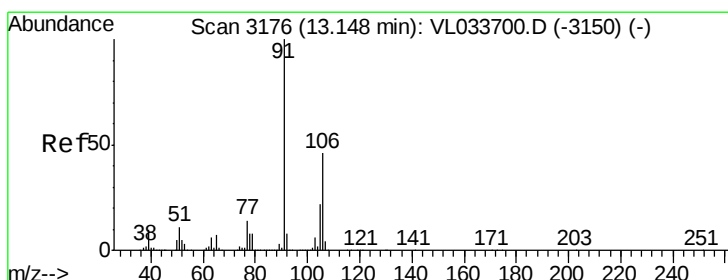
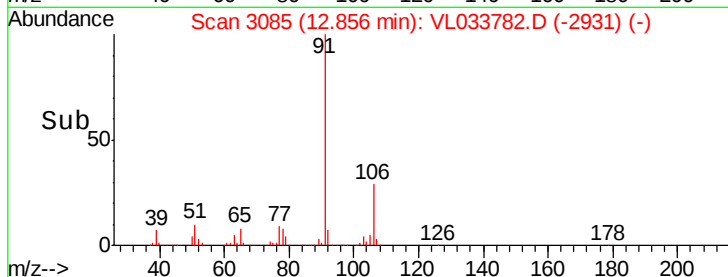
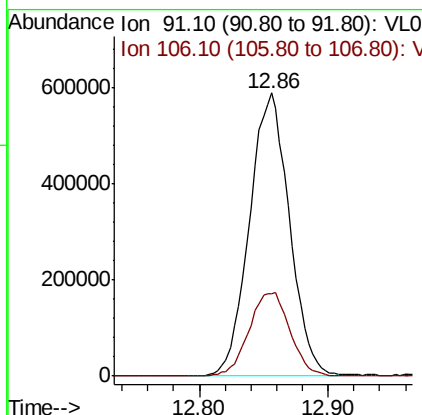
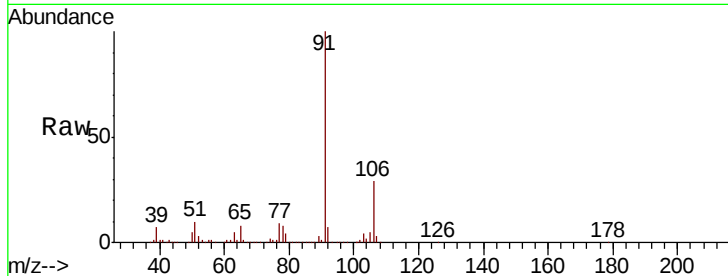
#58
Ethyl Benzene
Concen: 3.982 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033782.D
Acq: 23 May 2019 20:46

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-25

Tot Ion: 91 Resp: 1269956
Ion Ratio Lower Upper
91 100
106 29.1 23.9 35.9

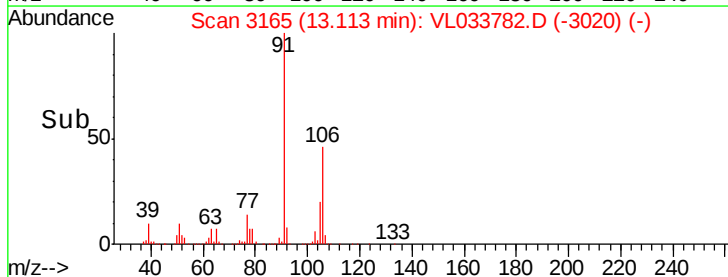
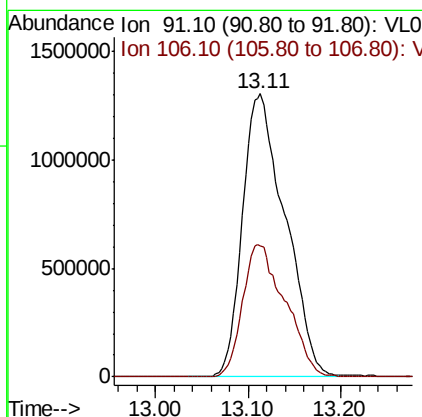
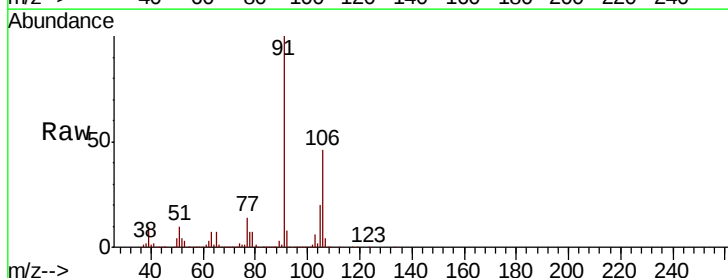
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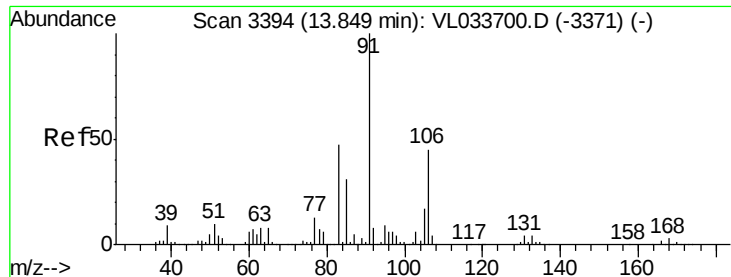
MMDadoda
5/28/2019 2:53:40 AM



#59
m/p-Xylene
Concen: 14.939 ppbv
RT: 13.11 min Scan# 3165
Delta R.T. -0.04 min
Lab File: VL033782.D
Acq: 23 May 2019 20:46

Tgt Ion: 91 Resp: 4165232
Ion Ratio Lower Upper
91 100
106 46.9 35.8 53.6





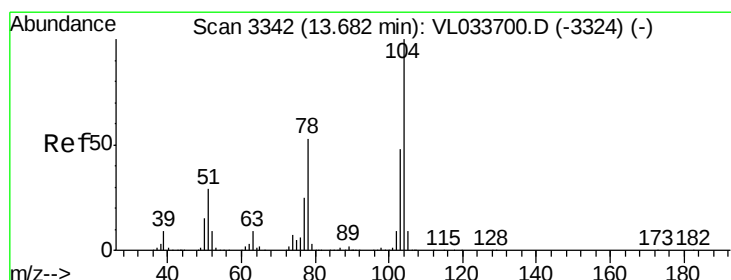
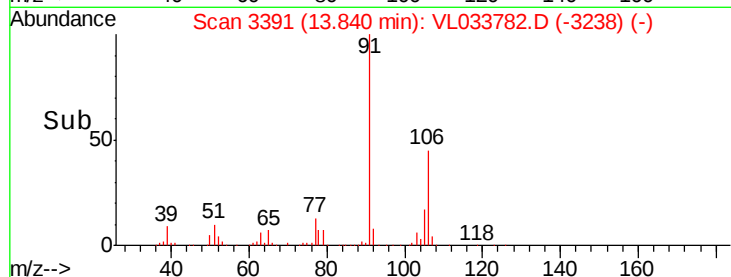
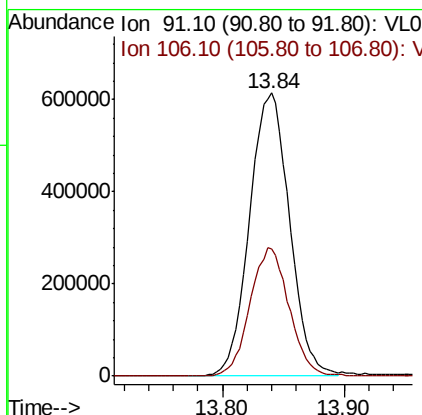
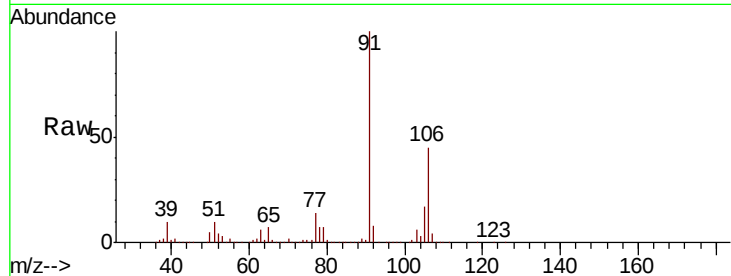
#60
o-Xylene
Concen: 4.940 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033782.D
Acq: 23 May 2019 20:46

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-25

Tot Ion: 91 Resp: 1388523
Ion Ratio Lower Upper
91 100
106 44.8 21.6 64.8

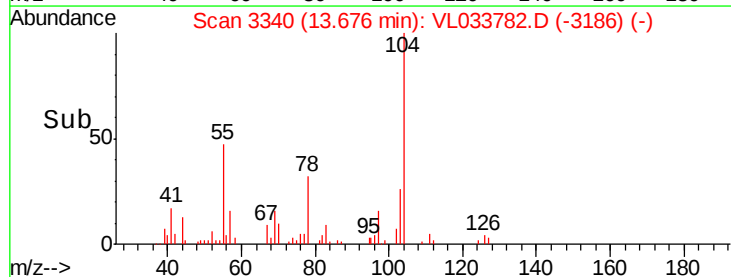
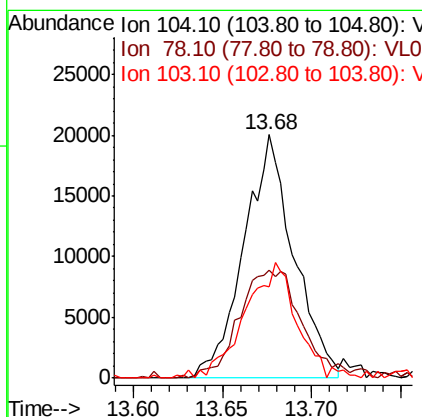
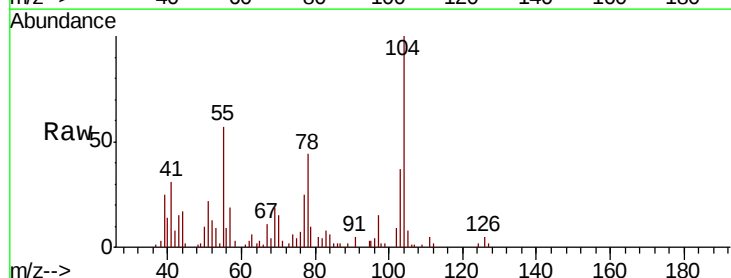
Manual Integrations
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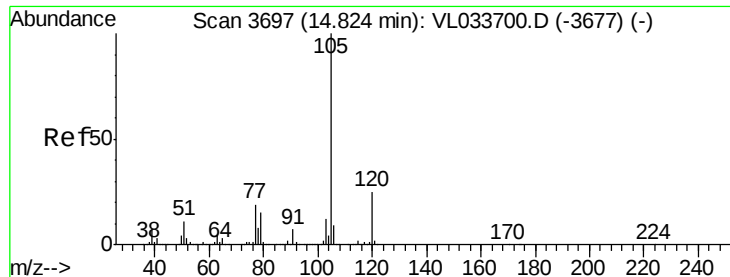
MMDadoda
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#61
Styrene
Concen: 0.207 ppbv
RT: 13.68 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL033782.D
Acq: 23 May 2019 20:46

Tgt Ion: 104 Resp: 39222
Ion Ratio Lower Upper
104 100
78 56.5 42.6 64.0
103 50.0 37.8 56.6





#62

Isopropylbenzene

Concen: 0.222 ppbv

RT: 14.81 min Scan# 3694

Delta R.T. -0.01 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3001-25

Tot Ion:105 Resp: 83907

Ion Ratio Lower Upper

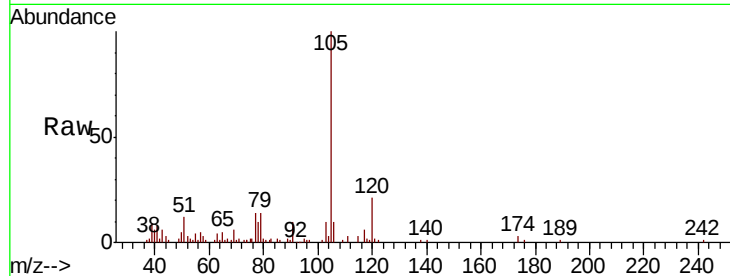
105 100

120 23.5 20.1 30.1

Manual Integrations
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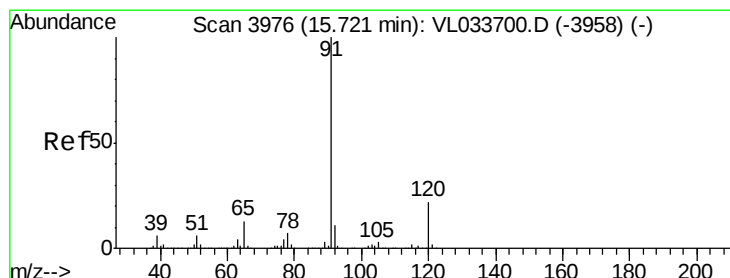
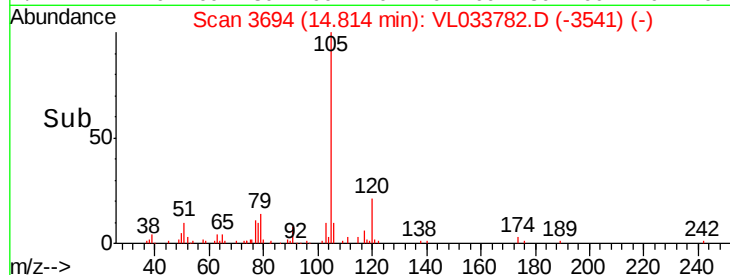
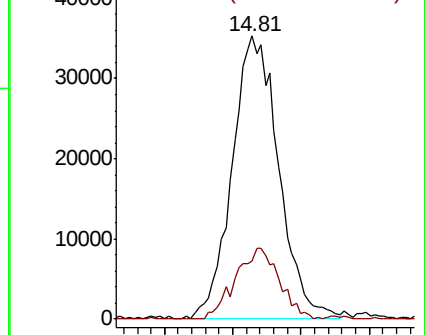
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.687 ppbv m

RT: 15.71 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VL033782.D

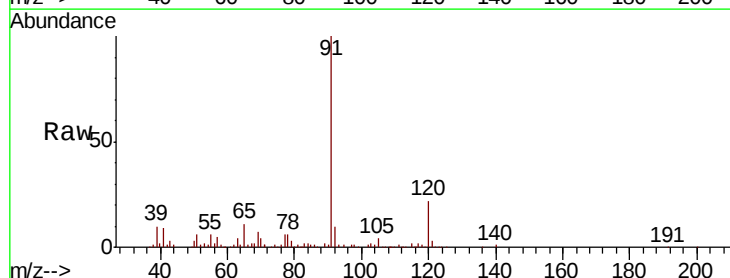
Acq: 23 May 2019 20:46

Tgt Ion:120 Resp: 67305

Ion Ratio Lower Upper

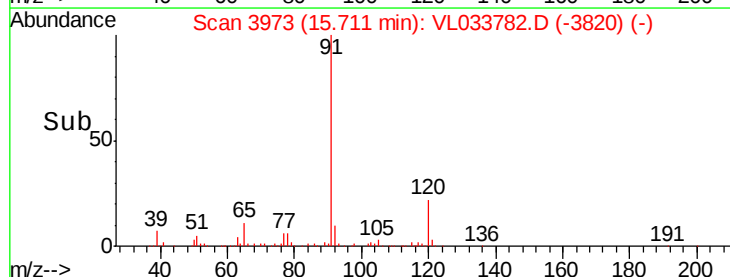
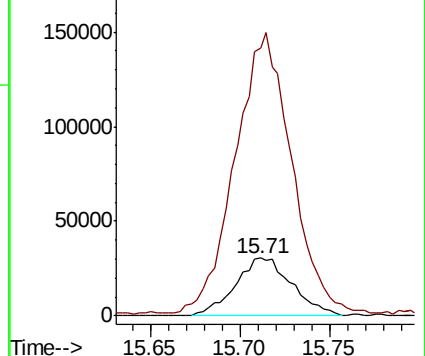
120 100

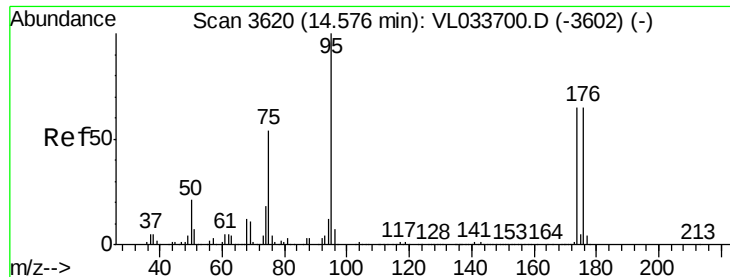
91 494.6 379.1 568.7



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





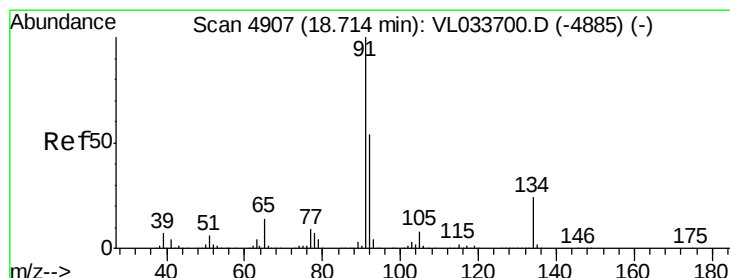
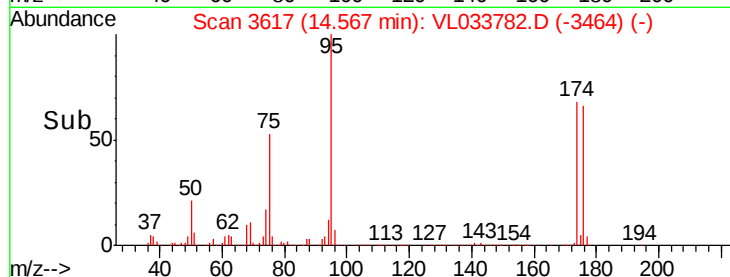
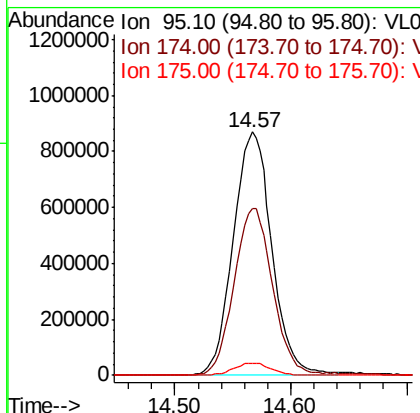
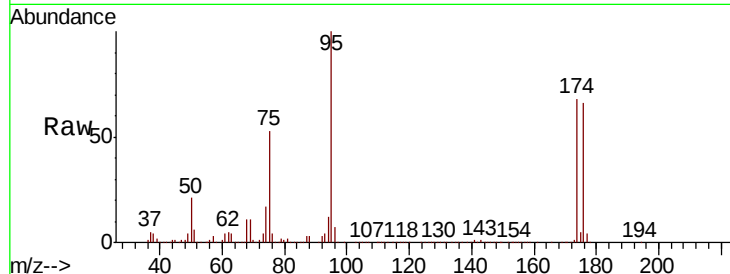
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.241 ppbv
 RT: 14.57 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL033782.D
 Acq: 23 May 2019 20:46

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3001-25

Tot Ion	95	Resp	1999740
Ion Ratio	100	Lower	Upper
174	69.7	53.9	80.9
175	5.0	3.8	5.8

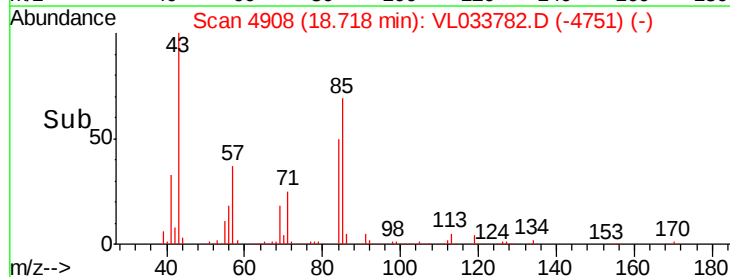
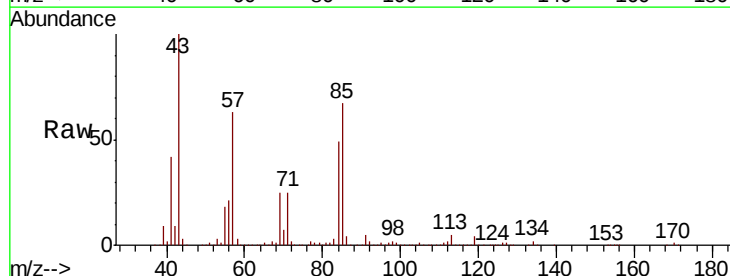
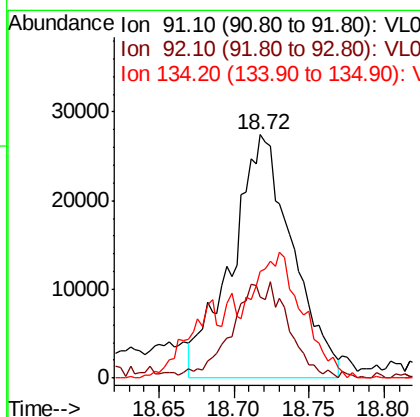
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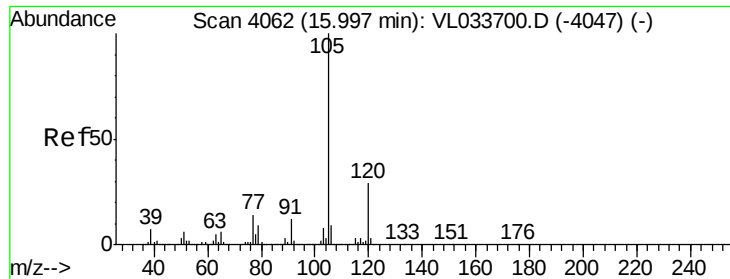
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#70
 n-Butylbenzene
 Concen: 0.180 ppbv m
 RT: 18.72 min Scan# 4908
 Delta R.T. 0.00 min
 Lab File: VL033782.D
 Acq: 23 May 2019 20:46

Tgt Ion	91	Resp	76993
Ion Ratio	100	Lower	Upper
92	0.0	42.6	63.8#
134	0.0	18.1	27.1#





#72

4-Ethyltoluene

Concen: 1.136 ppbv

RT: 15.99 min Scan# 4060

Delta R.T. -0.01 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Instrument :

MSVOA_L

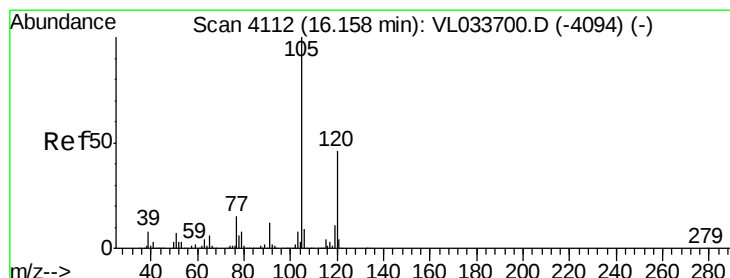
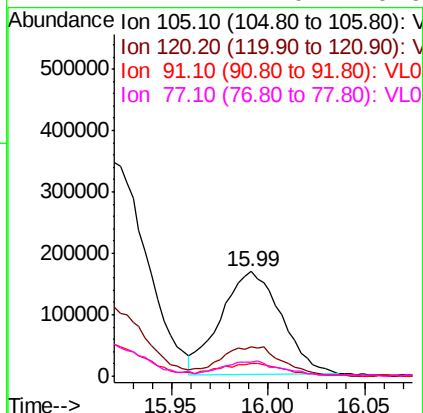
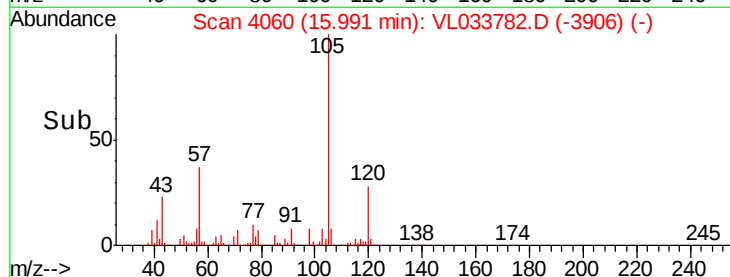
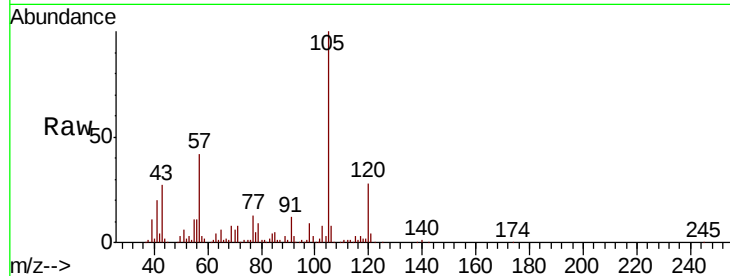
ClientSampleId :

BPS1-SG-3001-25

Tot Ion	Ratio	Resp	Lower	Upper
105	100	365037		
120	29.5	23.1	34.7	
91	12.1	10.4	15.6	
77	14.2	11.0	16.6	

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#73

1,3,5-Trimethylbenzene

Concen: 0.796 ppbv

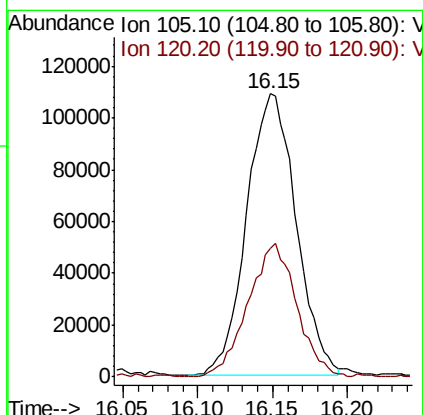
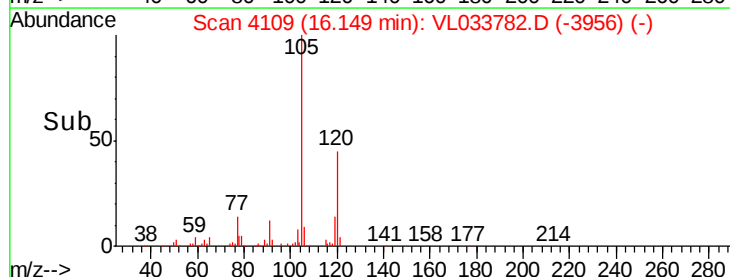
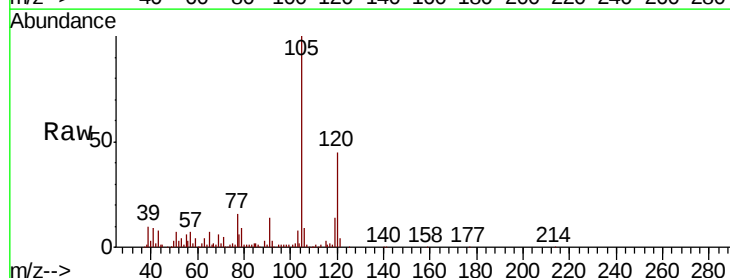
RT: 16.15 min Scan# 4109

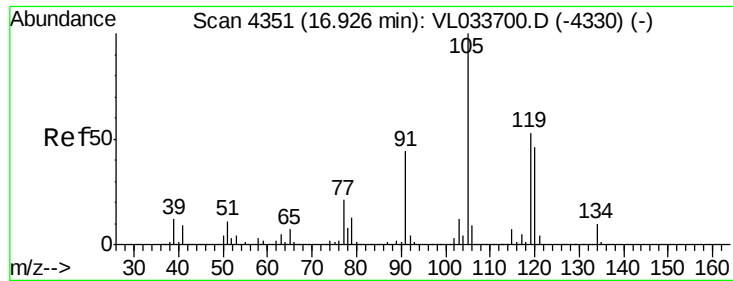
Delta R.T. -0.01 min

Lab File: VL033782.D

Acq: 23 May 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249747		
120	45.8	37.0	55.4	





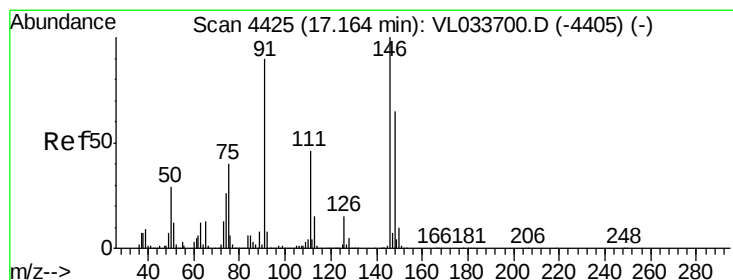
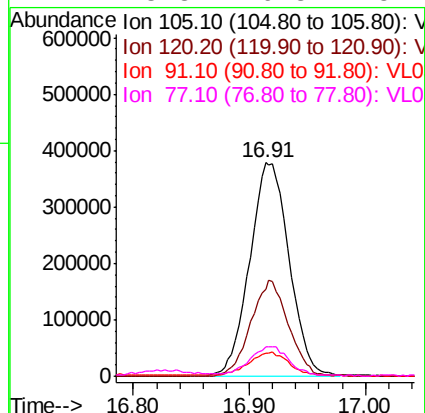
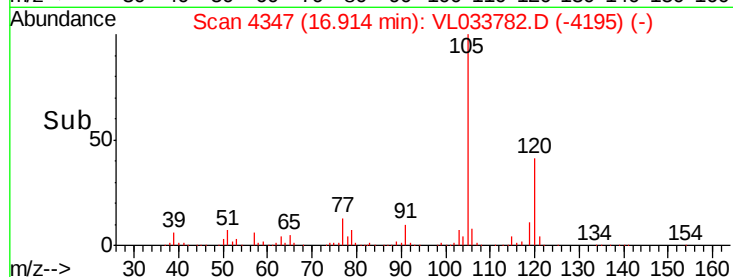
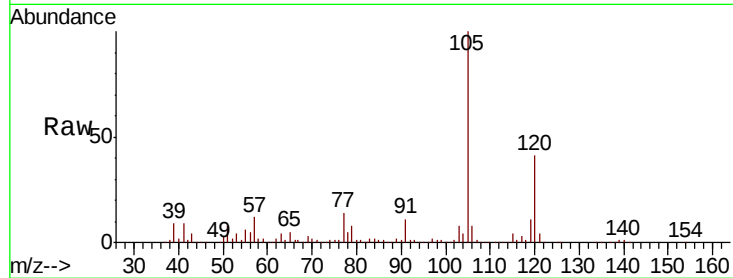
#74
 1,2,4-Trimethylbenzene
 Concen: 2.628 ppbv
 RT: 16.91 min Scan# 4347
 Delta R.T. -0.01 min
 Lab File: VL033782.D
 Acq: 23 May 2019 20:46

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3001-25

Tot Ion	Ratio	Resp	Lower	Upper
105	100	896892		
120	40.7	36.8	55.2	
91	10.6	35.4	53.0	
77	13.3	16.8	25.2	

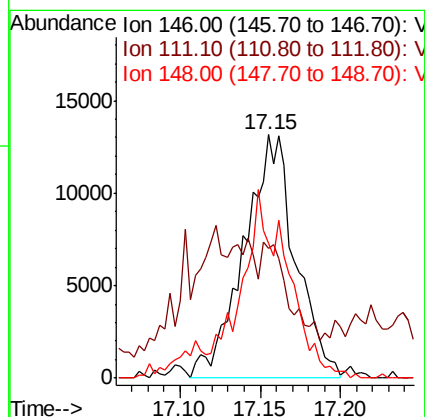
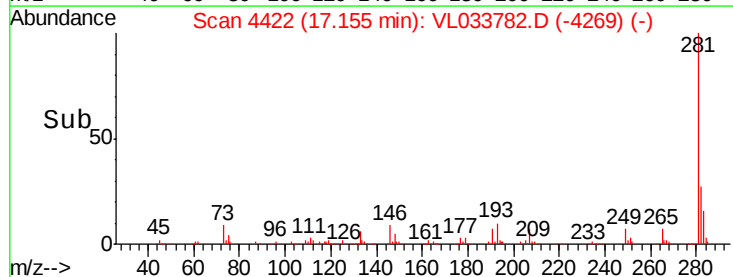
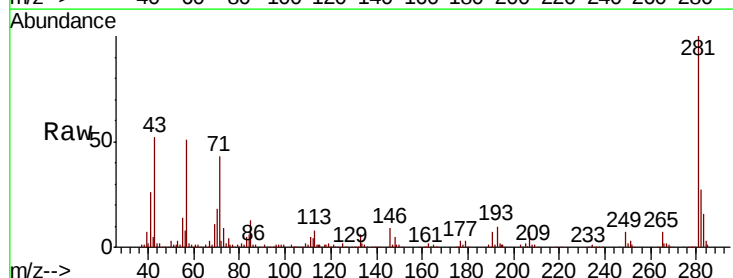
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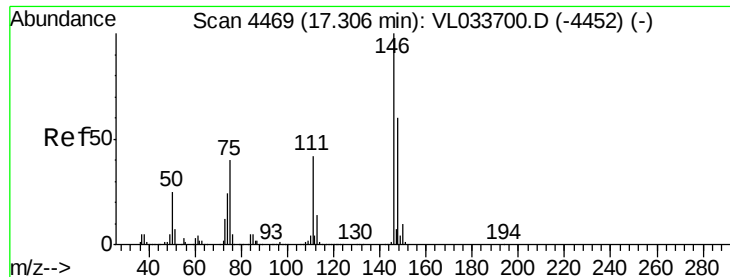
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#75
 1,3-Dichlorobenzene
 Concen: 0.141 ppbv m
 RT: 17.15 min Scan# 4422
 Delta R.T. -0.01 min
 Lab File: VL033782.D
 Acq: 23 May 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	29466		
111	0.0	22.9	68.8	
148	0.0	32.0	96.2	





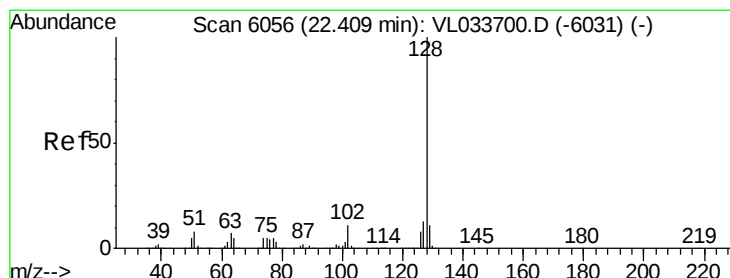
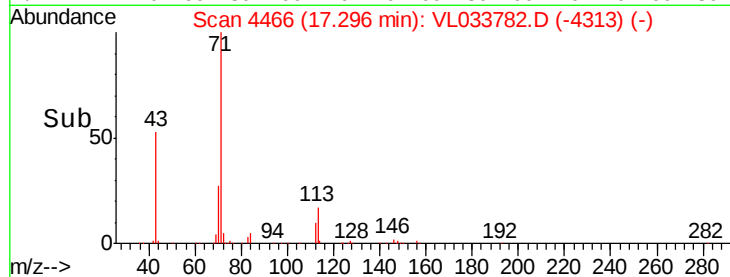
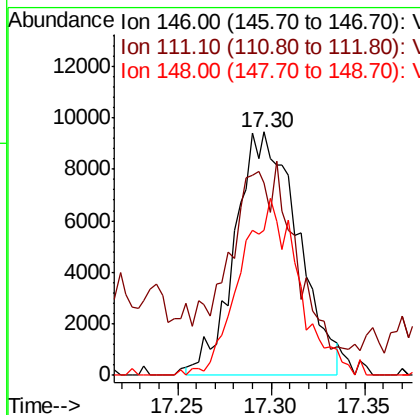
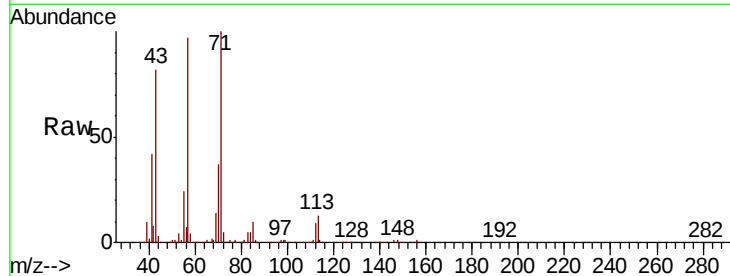
#76
 1,4-Dichlorobenzene
 Concen: 0.111 ppbv m
 RT: 17.30 min Scan# 4469
 Delta R.T. -0.01 min
 Lab File: VL033782.D
 Acq: 23 May 2019 20:46

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3001-25

Tot Ion	Ratio	Lower	Upper
146	100		
111	85.0	21.9	65.8#
148	67.7	32.1	96.3

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#79
 Naphthalene
 Concen: 0.260 ppbv m
 RT: 22.41 min Scan# 6056
 Delta R.T. -0.00 min
 Lab File: VL033782.D
 Acq: 23 May 2019 20:46

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	10.5	8.9	13.3

