

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033835.D
 Acq On : 29 May 2019 12:50
 Operator : SY/AP
 Sample : K2960-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 BPS1-SG-3010-55

Manual Integrations
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Quant Time: May 30 01:53:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

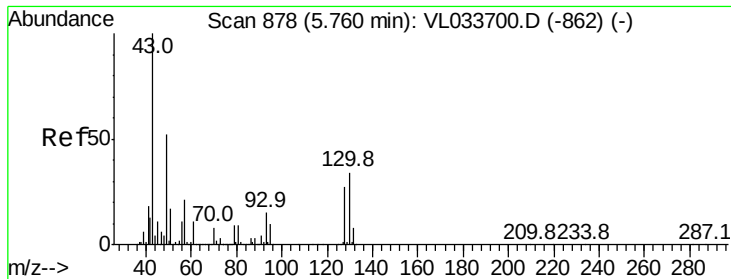
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	864030	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2101865	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2024052	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1683424	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	36572	0.201	ppbv	97
3) Chlorodifluoromethane	3.01	51	25702m	0.260	ppbv	
4) Chloromethane	3.17	50	26591	0.470	ppbv	95
9) Propene	3.03	41	2317144	55.044	ppbv	91
10) Heptane	8.24	43	203277	1.705	ppbv	97
11) Trichlorofluoromethane	4.00	101	683500	3.933	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	35727	0.294	ppbv	98
13) Ethanol	3.66	45	412158	30.292	ppbv	100
15) Acetone	3.89	43	11174335	93.213	ppbv #	85
17) tert-Butyl alcohol	4.37	59	151718	1.565	ppbv #	93
20) Methylene Chloride	4.41	84	133212	2.886	ppbv	94
26) Hexane	5.77	57	374328	4.135	ppbv #	41
27) Carbon Disulfide	4.62	76	233733	1.882	ppbv	98
30) Cyclohexane	7.24	84	30193m	0.397	ppbv	
34) 2-Butanone	5.33	43	1219478	9.360	ppbv	99
35) Carbon Tetrachloride	7.13	117	8635m	0.051	ppbv	
36) Benzene	7.00	78	322129	1.685	ppbv	97
38) Trichloroethene	7.96	130	8096m	0.114	ppbv	
41) Tetrahydrofuran	6.15	42	20686m	0.283	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	67787	0.210	ppbv #	45
50) 4-Methyl-2-Pentanone	8.87	43	64349	0.321	ppbv	97
51) 2-Hexanone	10.27	43	103912	0.664	ppbv #	91
52) Tetrachloroethene	11.37	164	8985m	0.134	ppbv	
53) Toluene	9.94	91	2145969	10.406	ppbv	99
58) Ethyl Benzene	12.86	91	348333	1.300	ppbv	97
59) m/p-Xylene	13.11	91	1212482	5.175	ppbv	98
60) o-Xylene	13.84	91	415433	1.759	ppbv	100
61) Styrene	13.68	104	12980m	0.082	ppbv	
64) n-propylbenzene	15.72	120	23624m	0.287	ppbv	
70) n-Butylbenzene	18.72	91	63807m	0.177	ppbv	
72) 4-Ethyltoluene	15.99	105	151662	0.562	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.15	105	126765m	0.481	ppbv	
74) 1,2,4-Trimethylbenzene	16.91	105	568060	1.981	ppbv #	73
75) 1,3-Dichlorobenzene	17.15	146	86791m	0.494	ppbv	
79) Naphthalene	22.41	128	123731m	0.465	ppbv	
80) Naphthalene,2-methyl-	25.10	142	10854m	0.107	ppbv	

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



#1

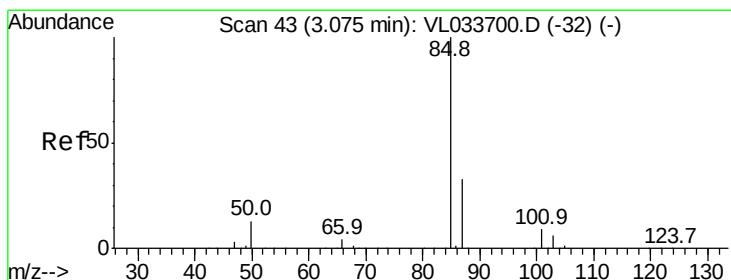
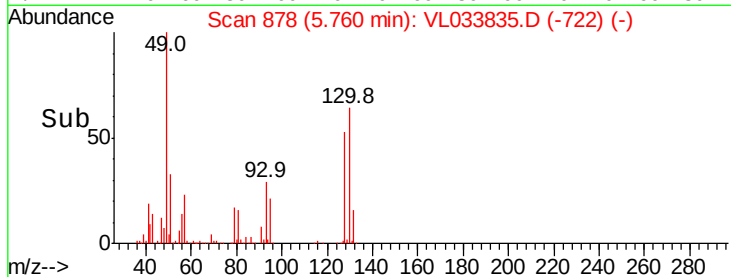
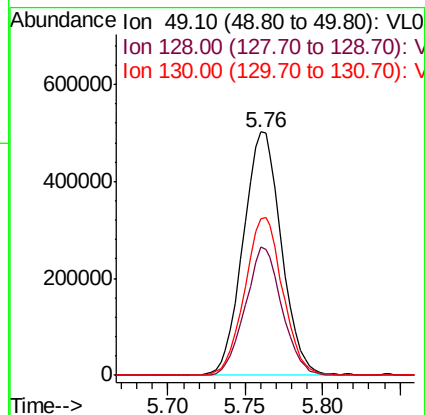
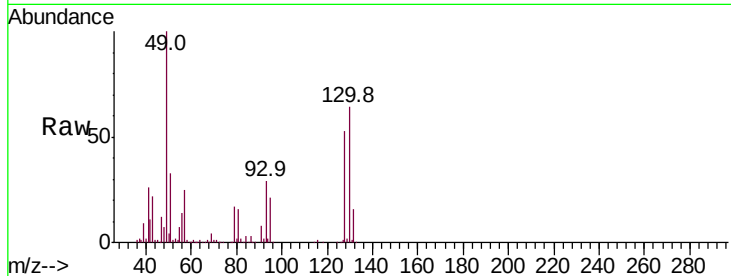
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.76 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VL033835.D
 Acq: 29 May 2019 12:50

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3010-55

Tot Ion	Ratio	Lower	Upper
49	100		
128	50.7	25.2	75.6
130	64.8	32.5	97.5

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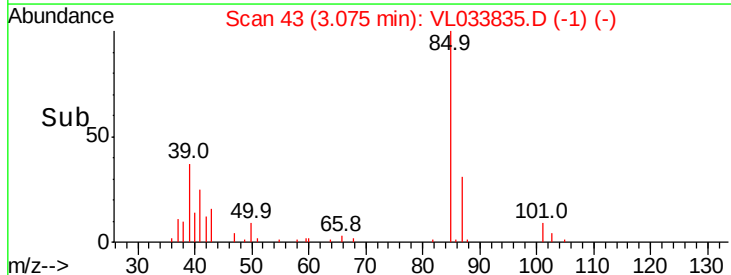
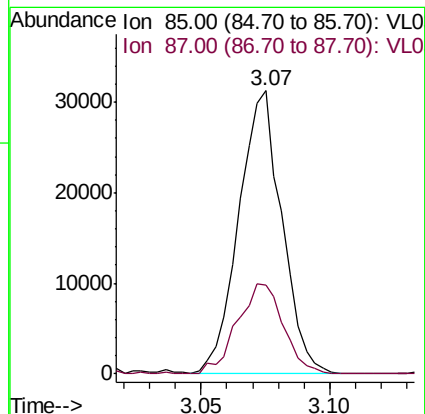
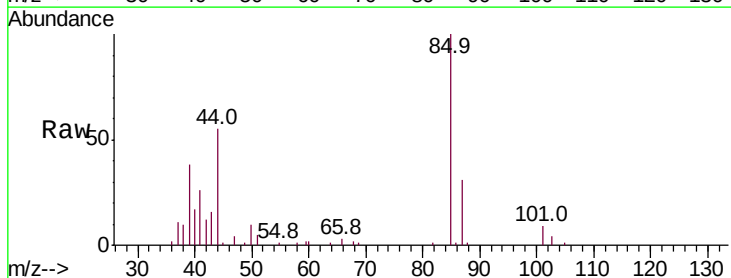
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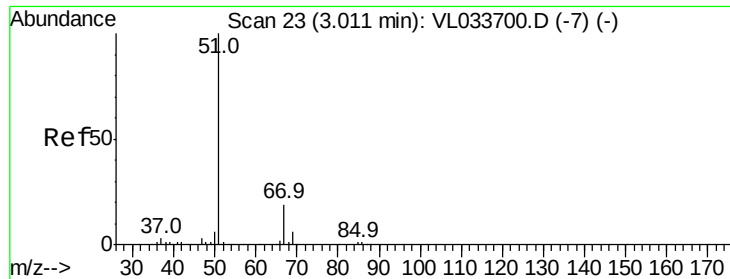


#2

Dichlorodifluoromethane
 Concen: 0.201 ppbv
 RT: 3.07 min Scan# 43
 Delta R.T. 0.00 min
 Lab File: VL033835.D
 Acq: 29 May 2019 12:50

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	26.3	39.5





#3

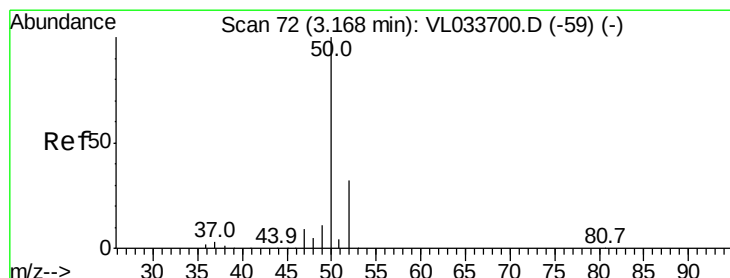
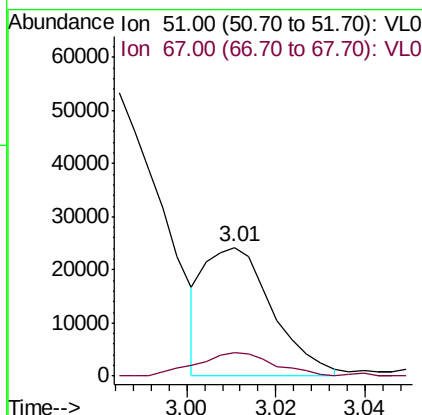
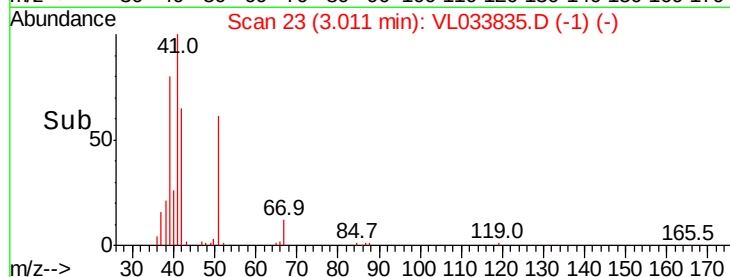
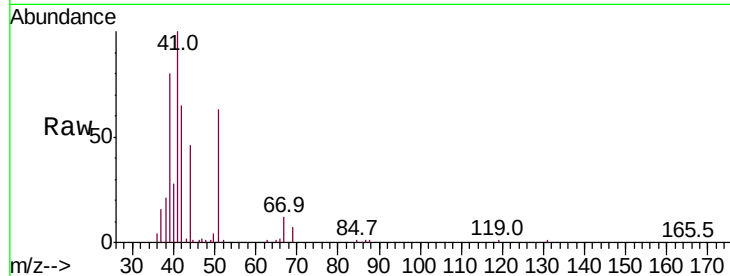
Chlorodifluoromethane
Concen: 0.260 ppbv
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-55

Tot Ion: 51 Resp: 25702
Ion Ratio Lower Upper
51 100
67 21.5 15.6 23.4

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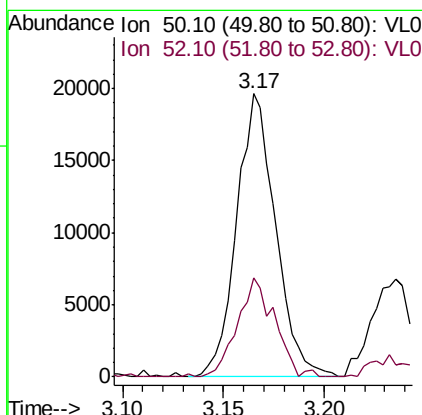
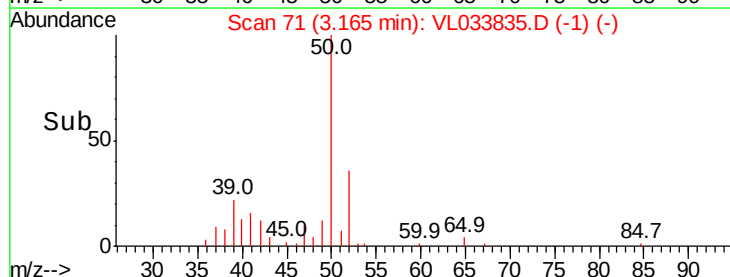
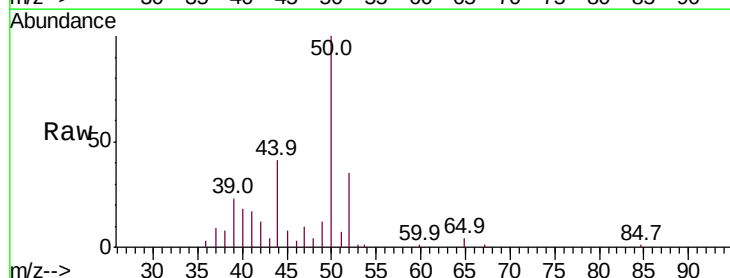
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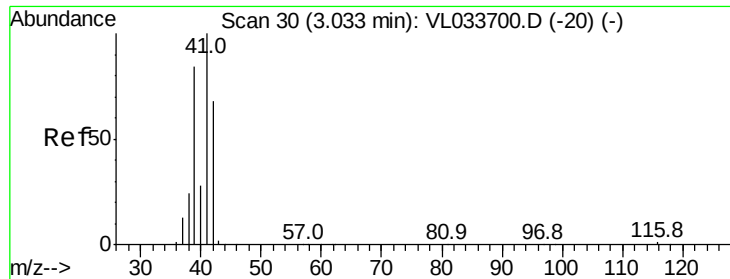


#4

Chloromethane
Concen: 0.470 ppbv
RT: 3.17 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Tgt Ion: 50 Resp: 26591
Ion Ratio Lower Upper
50 100
52 34.9 25.7 38.5





#9

Propene

Concen: 55.044 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3010-55

Tot Ion: 41 Resp: 2317144

Ion Ratio Lower Upper

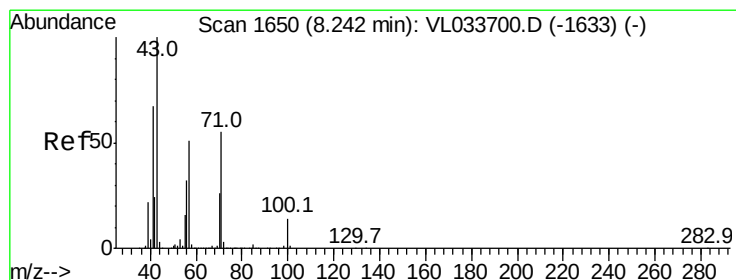
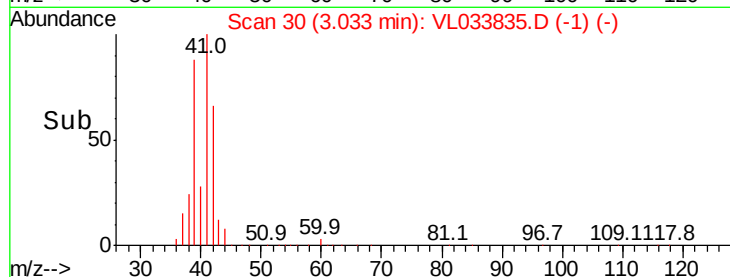
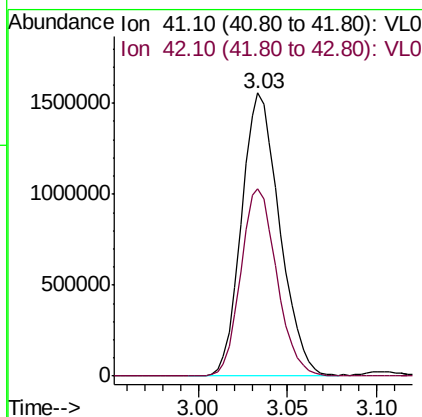
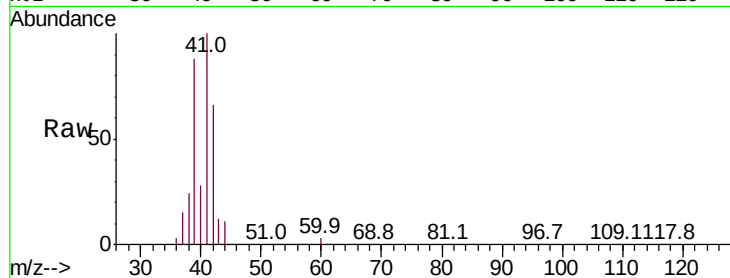
41 100

42 62.6 56.1 84.1

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#10

Heptane

Concen: 1.705 ppbv

RT: 8.24 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VL033835.D

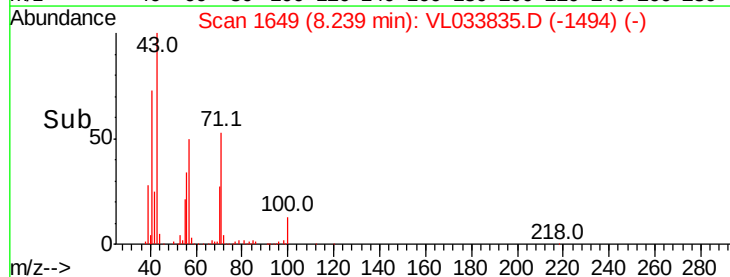
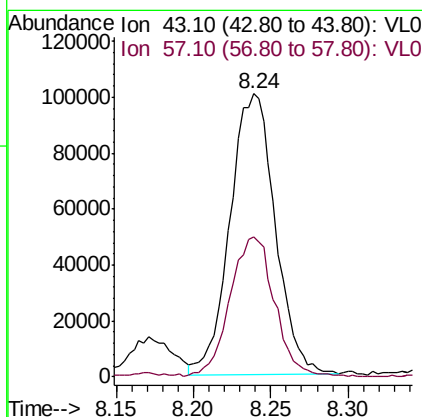
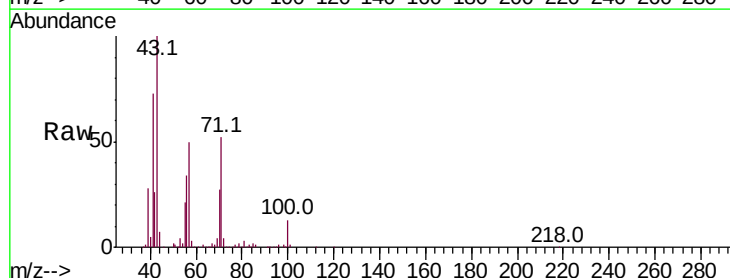
Acq: 29 May 2019 12:50

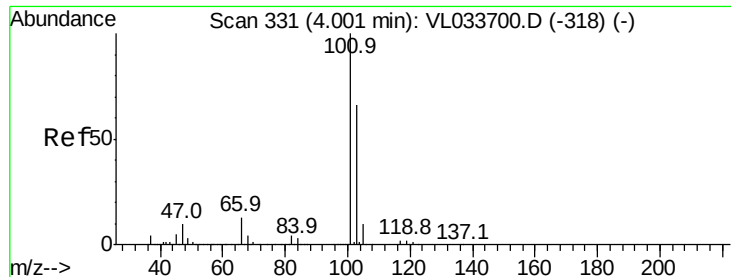
Tgt Ion: 43 Resp: 203277

Ion Ratio Lower Upper

43 100

57 49.6 41.4 62.0





#11

Trichlorofluoromethane

Concen: 3.933 ppbv

RT: 4.00 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3010-55

Tot Ion:101 Resp: 683500

Ion Ratio Lower Upper

101 100

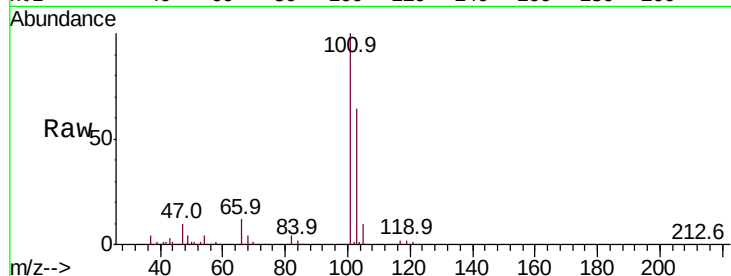
103 64.4 52.6 78.8

Manual Integrations

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

4.00

500000

400000

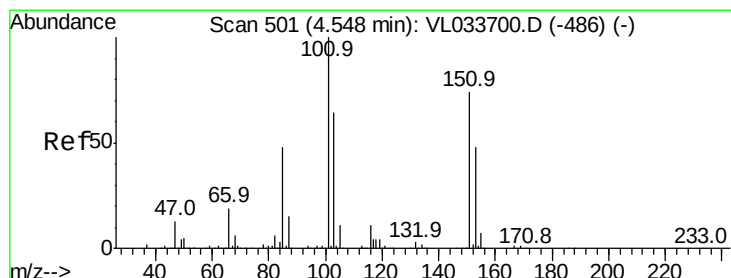
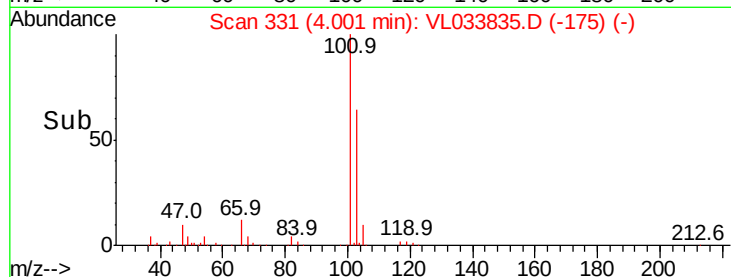
300000

200000

100000

0

Time-->



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.294 ppbv

RT: 4.55 min Scan# 501

Delta R.T. 0.00 min

Lab File: VL033835.D

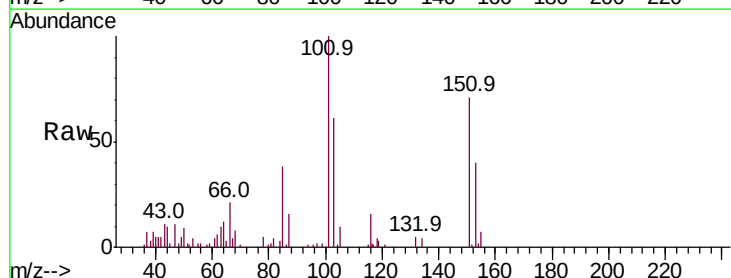
Acq: 29 May 2019 12:50

Tgt Ion:101 Resp: 35727

Ion Ratio Lower Upper

101 100

151 74.4 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

4.55

25000

20000

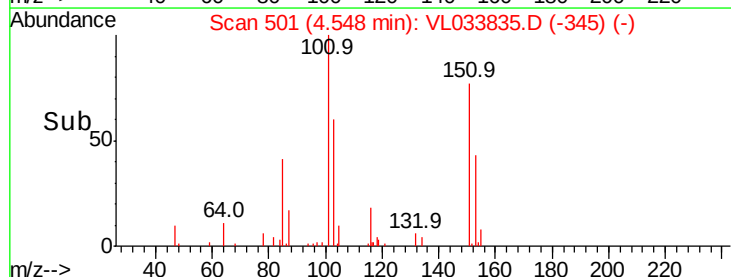
15000

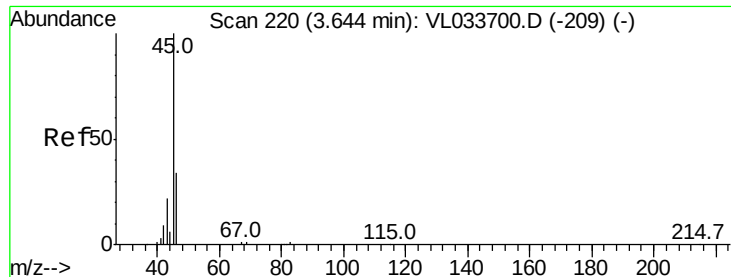
10000

5000

0

Time-->





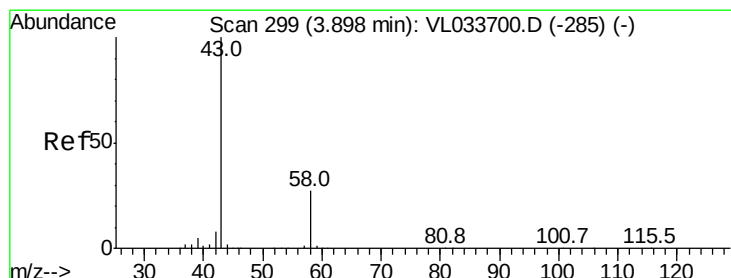
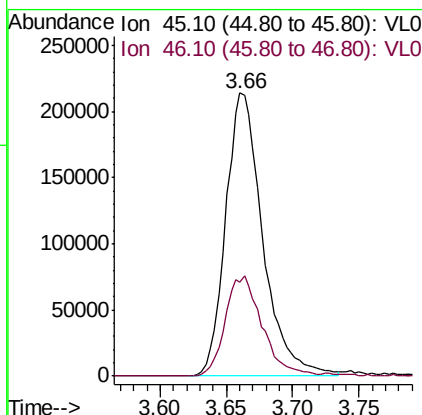
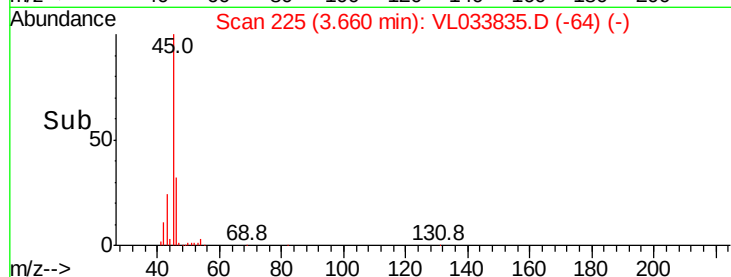
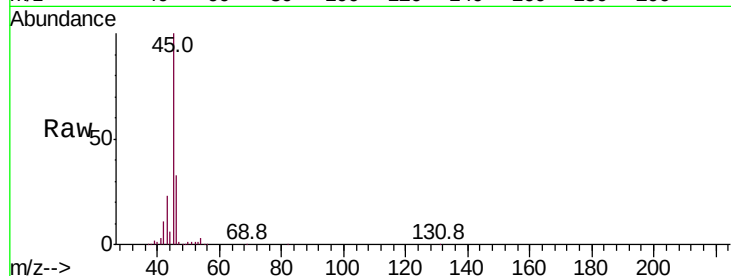
#13
Ethanol
Concen: 30.292 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.02 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-55

Tot Ion	Ratio	Lower	Upper
45	100		
46	36.8	14.8	59.0

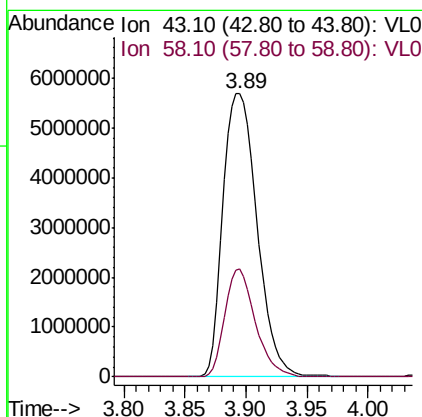
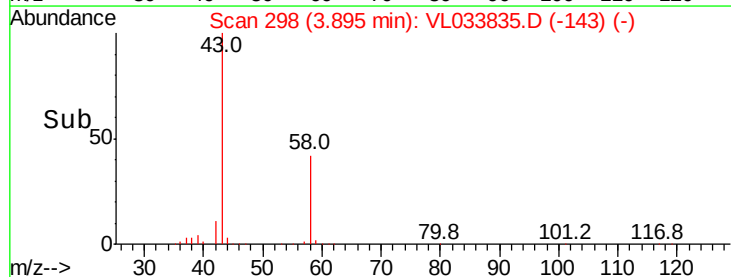
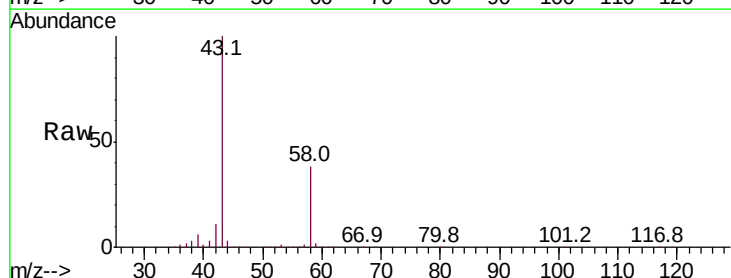
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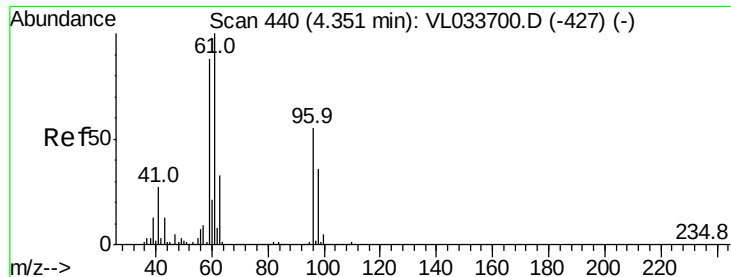
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#15
Acetone
Concen: 93.213 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.2	21.3	31.9#





#17

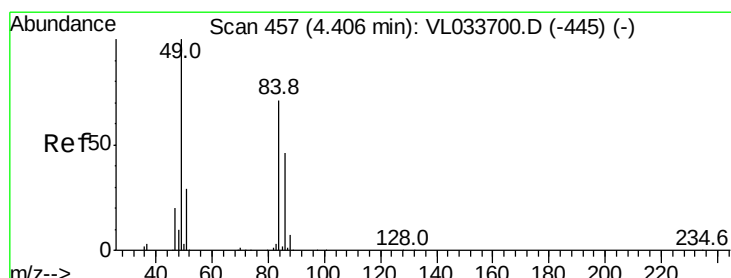
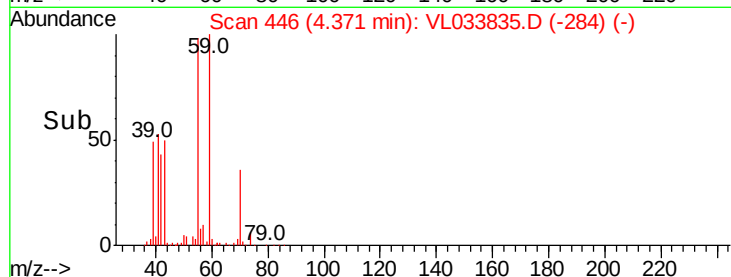
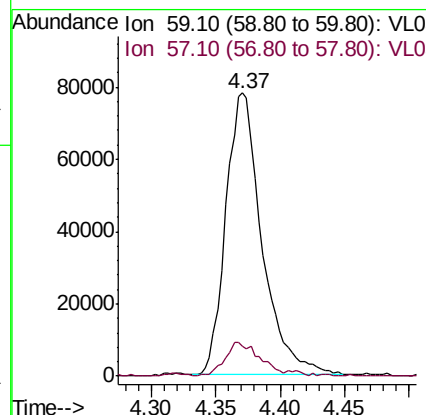
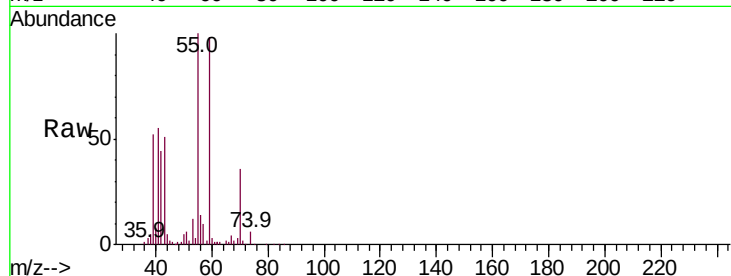
tert-Butyl alcohol
 Concen: 1.565 ppbv
 RT: 4.37 min Scan# 446
 Delta R.T. 0.02 min
 Lab File: VL033835.D
 Acq: 29 May 2019 12:50

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3010-55

Tot Ion: 59 Resp: 151718
 Ion Ratio Lower Upper
 59 100
 57 13.1 8.4 12.6#

Manual Integrations
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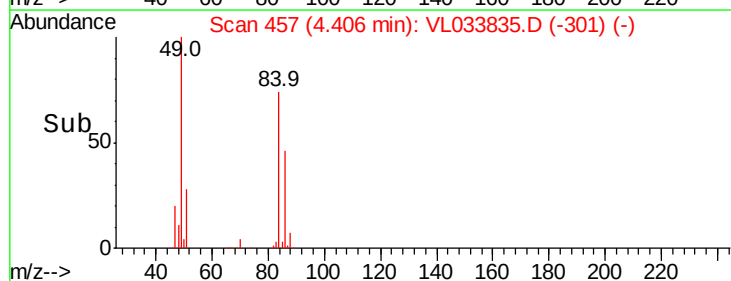
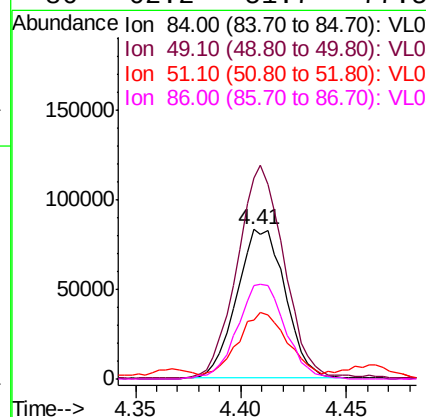
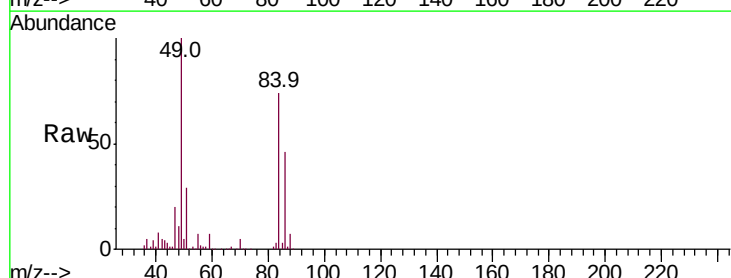
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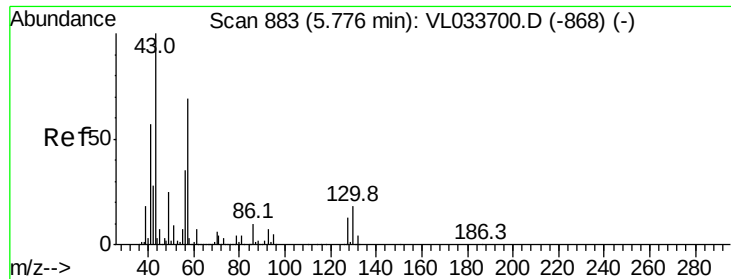


#20

Methylene Chloride
 Concen: 2.886 ppbv
 RT: 4.41 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VL033835.D
 Acq: 29 May 2019 12:50

Tgt Ion: 84 Resp: 133212
 Ion Ratio Lower Upper
 84 100
 49 133.5 112.8 169.2
 51 33.8 33.4 50.0
 86 62.2 51.7 77.5





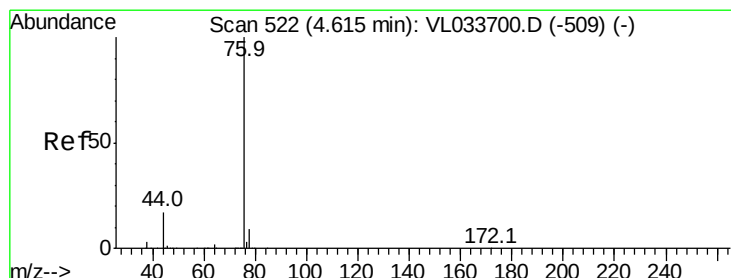
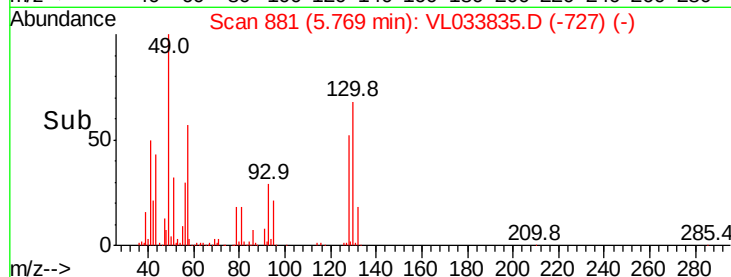
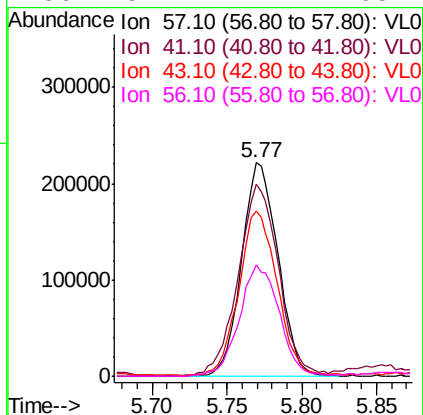
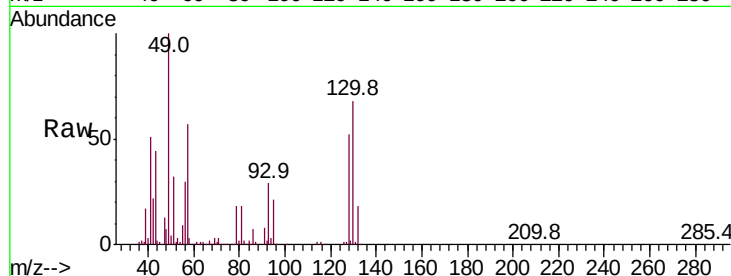
#26
Hexane
Concen: 4.135 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.01 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-55

Tot Ion	57	Resp	374328
Ion Ratio	Lower	Upper	
57	100		
41	99.4	69.8	104.6
43	82.1	181.8	272.6#
56	57.2	42.1	63.1

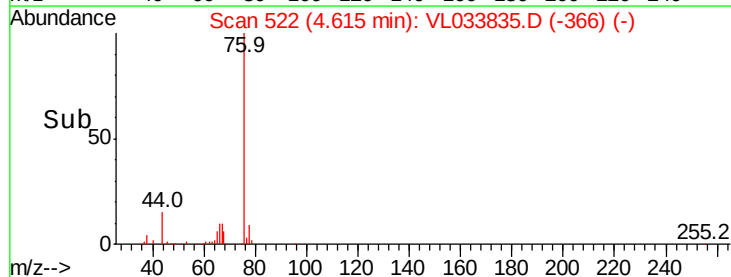
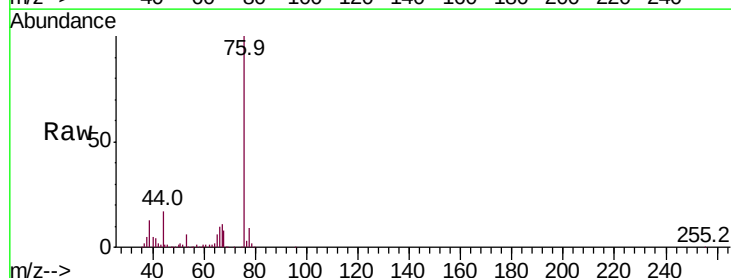
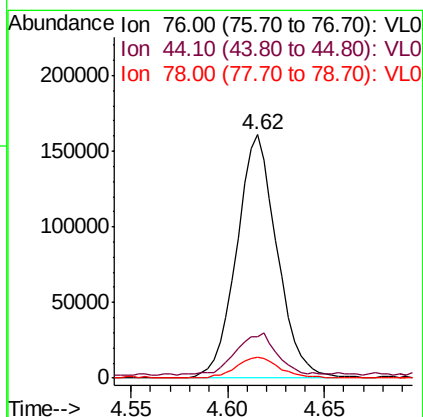
Manual Integrations
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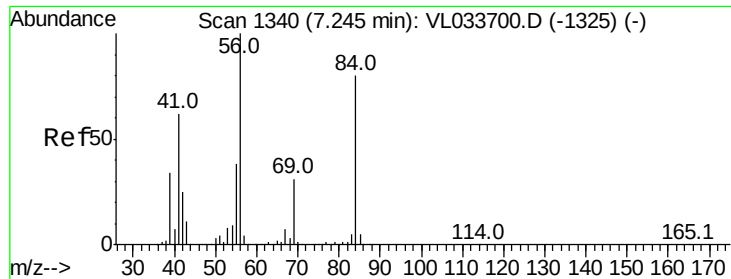
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#27
Carbon Disulfide
Concen: 1.882 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Tgt Ion	76	Resp	233733
Ion Ratio	Lower	Upper	
76	100		
44	18.6	13.8	20.8
78	9.4	7.4	11.0





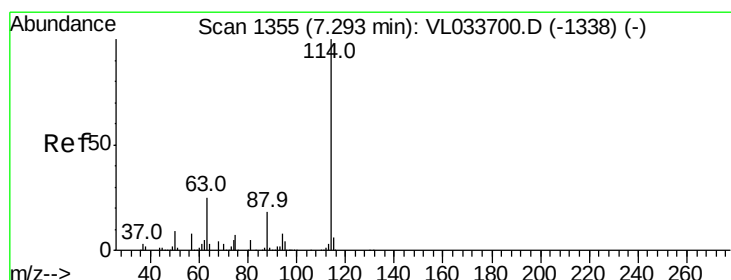
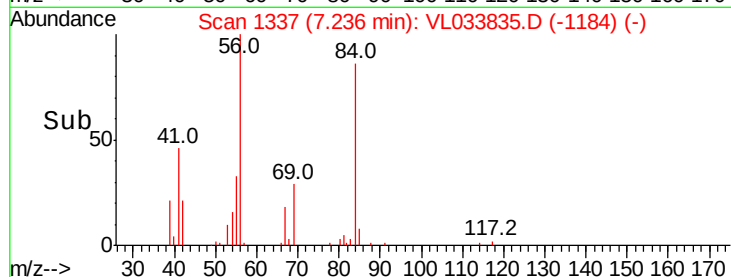
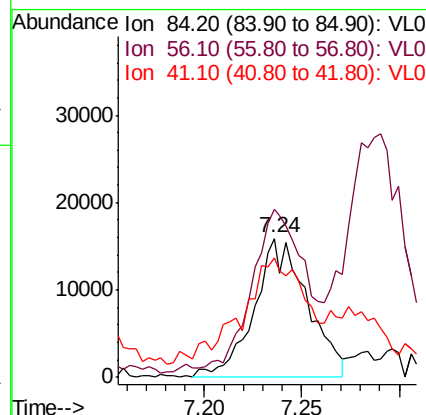
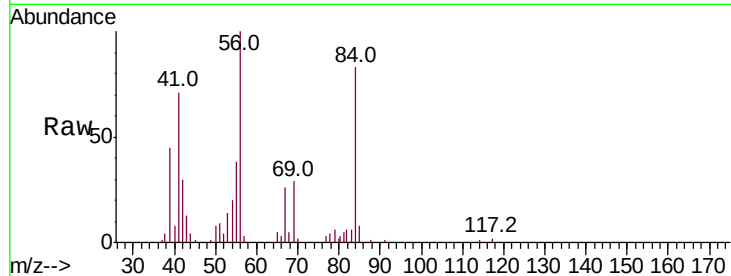
#30
Cvclohexane
Concen: 0.397 ppbv m
RT: 7.24 min Scan# 1337
Delta R.T. -0.01 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-55

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	0.0	66.0	99.0#

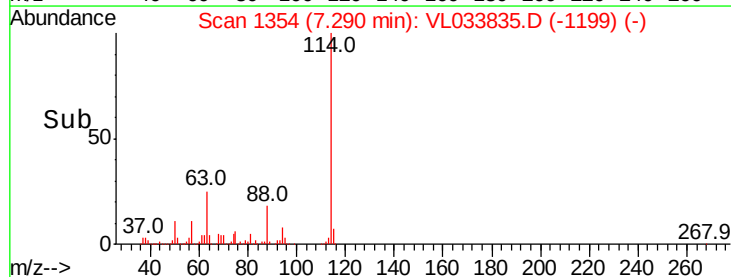
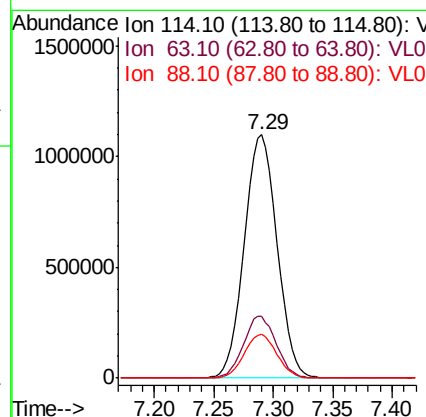
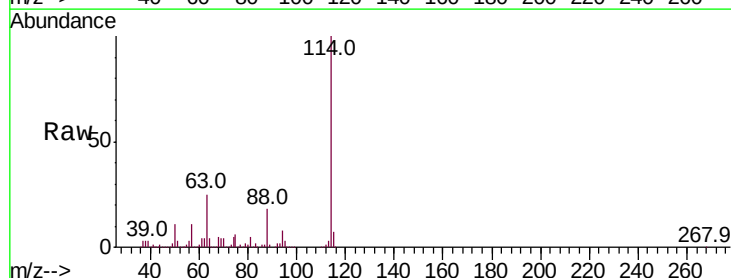
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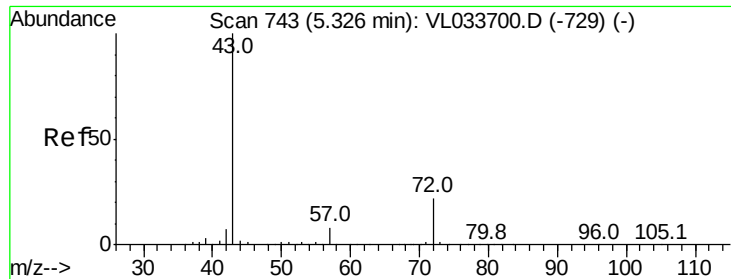
apatel
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.9	31.3
88	17.8	14.3	21.5





#34

2-Butanone

Concen: 9.360 ppbv

RT: 5.33 min Scan# 743

Delta R.T. 0.00 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3010-55

Tot Ion: 43 Resp: 1219478

Ion Ratio Lower Upper

43 100

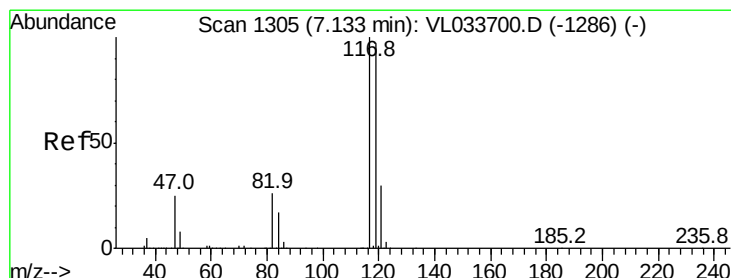
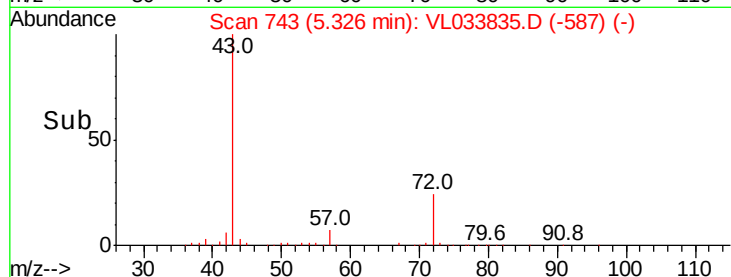
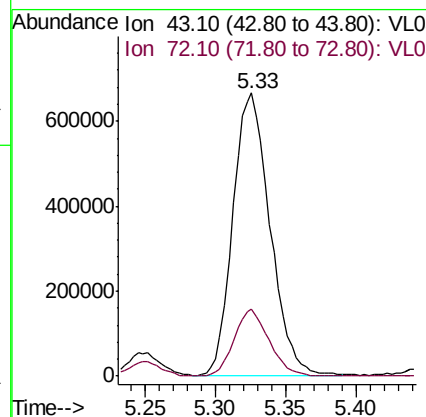
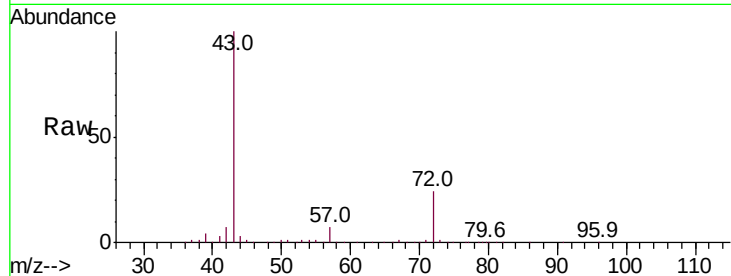
72 22.5 17.8 26.6

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#35

Carbon Tetrachloride

Concen: 0.051 ppbv m

RT: 7.13 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

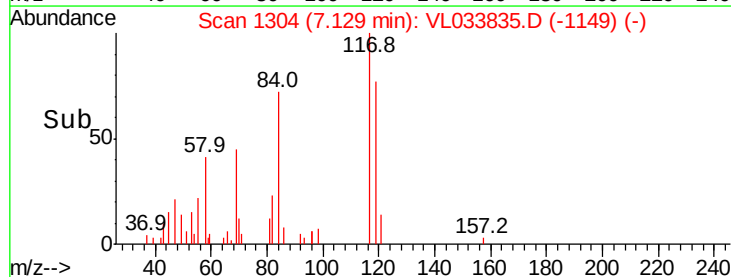
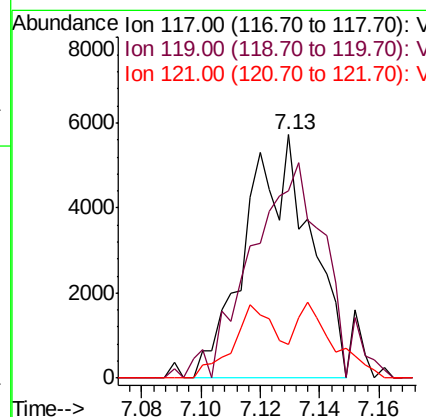
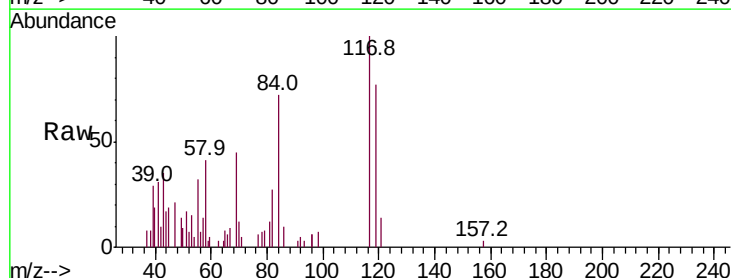
Tgt Ion: 117 Resp: 8635

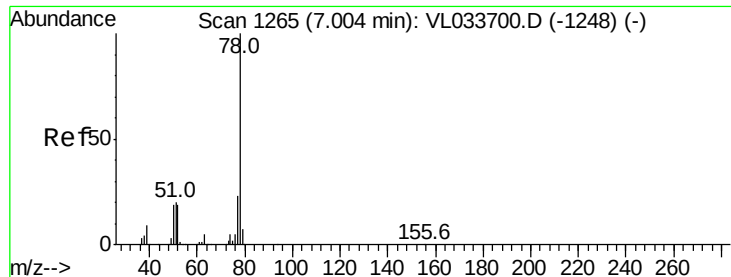
Ion Ratio Lower Upper

117 100

119 76.8 77.2 115.8#

121 14.1 24.1 36.1#





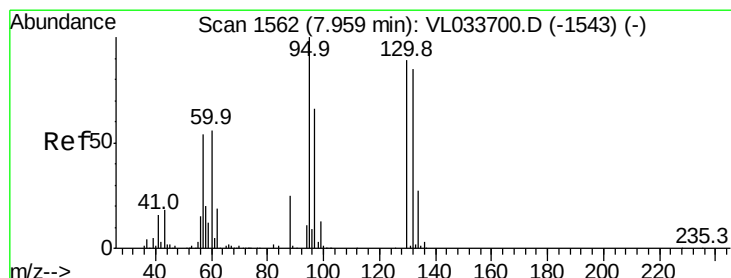
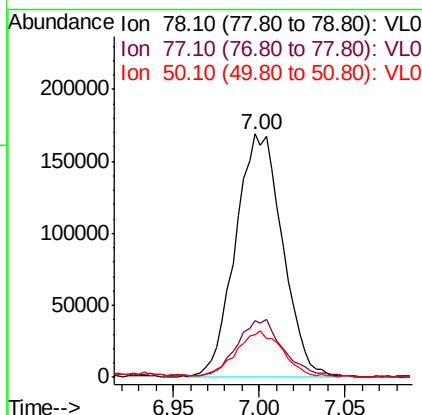
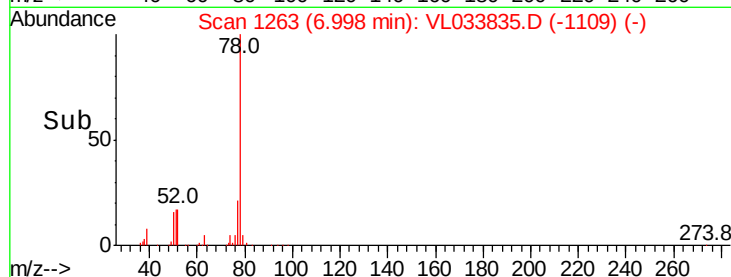
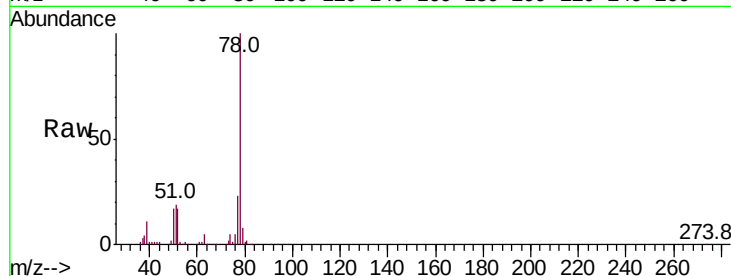
#36
Benzene
Concen: 1.685 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-55

Tot Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.4	27.6
50	17.4	15.5	23.3

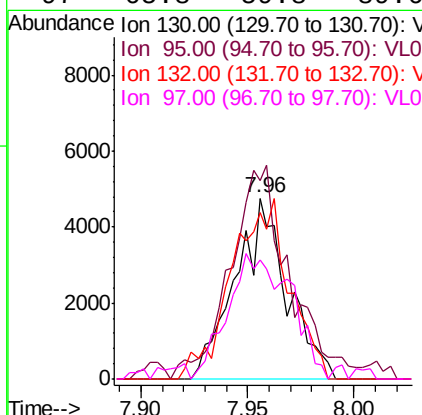
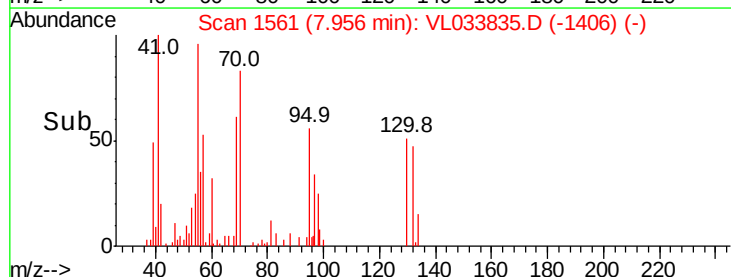
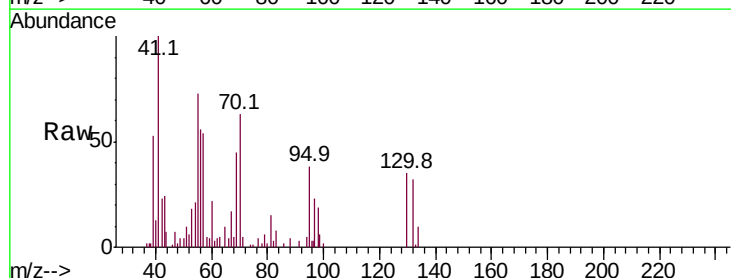
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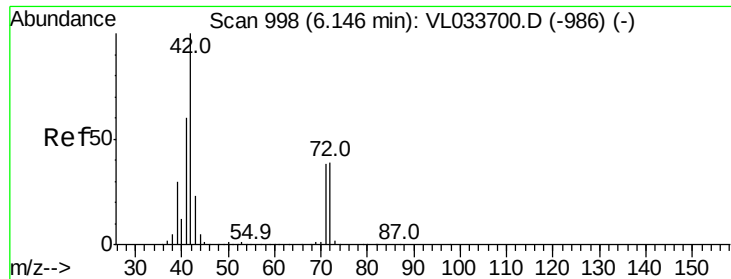
apatel
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#38
Trichloroethene
Concen: 0.114 ppbv m
RT: 7.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.3	90.2	135.4
132	91.9	76.4	114.6
97	65.8	59.8	89.6





#41

Tetrahydrofuran

Concen: 0.283 ppbv m

RT: 6.15 min Scan# 998

Delta R.T. 0.00 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Instrument :

MSVOA_L

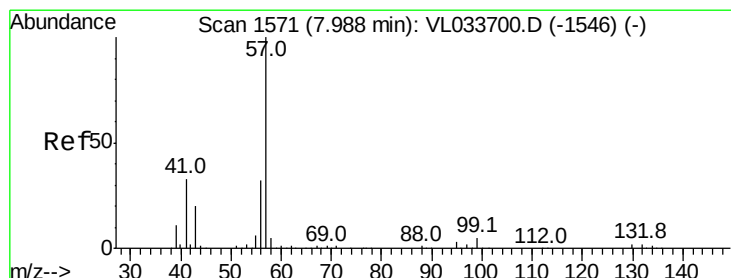
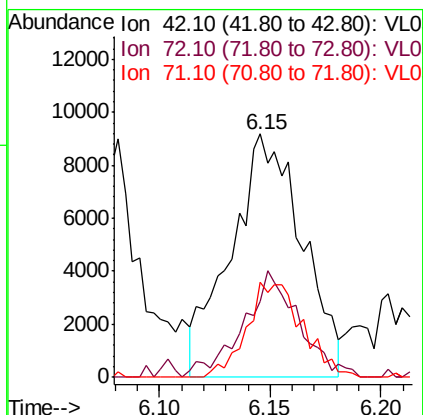
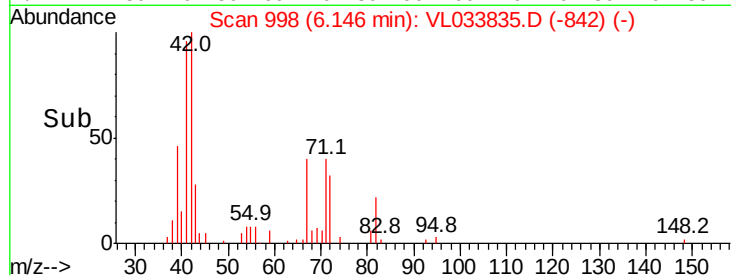
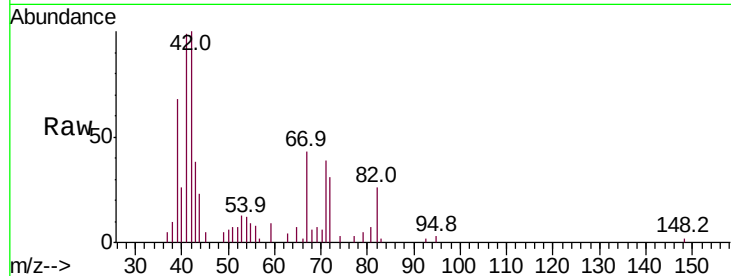
ClientSampleId :

BPS1-SG-3010-55

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.4	45.6#

Manual Integrations
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#44

2,2,4-Trimethylpentane

Concen: 0.210 ppbv

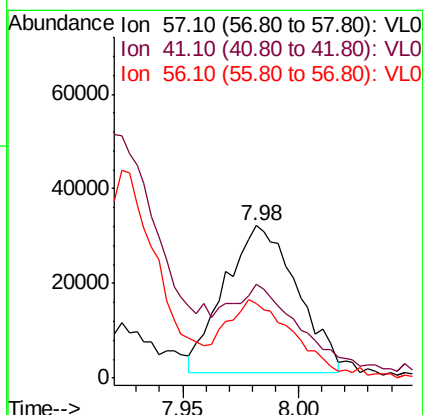
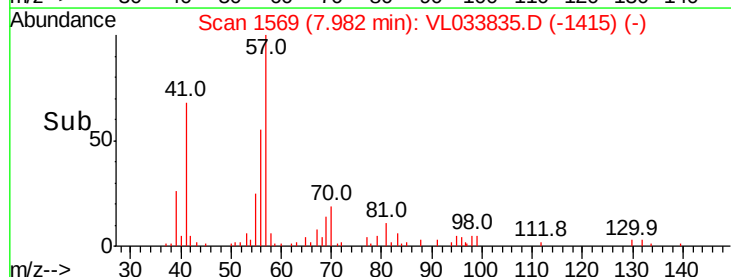
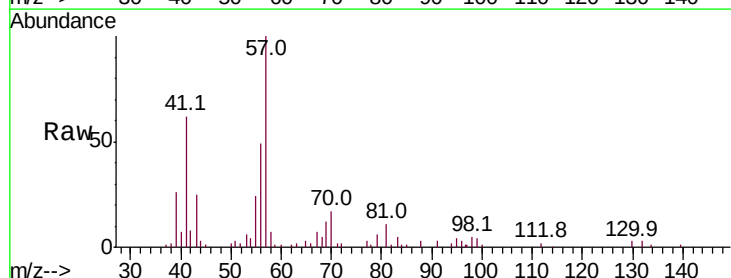
RT: 7.98 min Scan# 1569

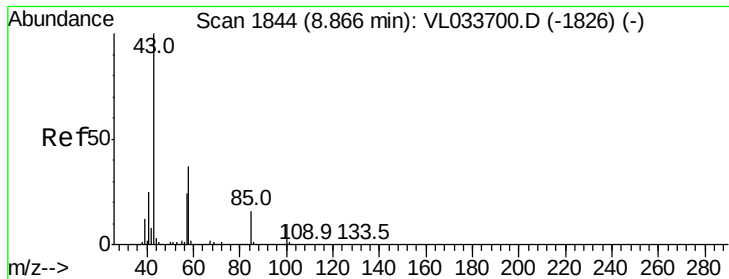
Delta R.T. -0.01 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Tgt Ion	Ratio	Lower	Upper
57	100		
41	69.1	25.4	38.0#
56	53.8	24.7	37.1#





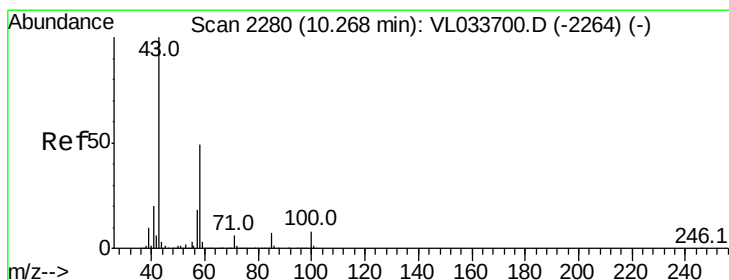
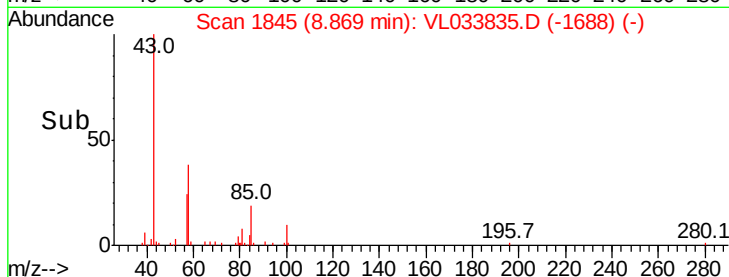
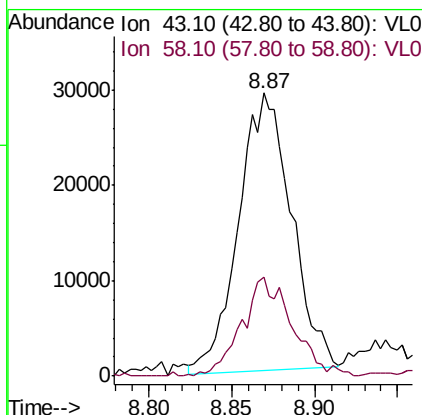
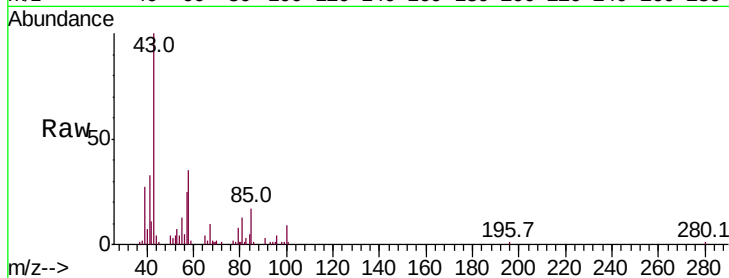
#50
4-Methyl-2-Pentanone
Concen: 0.321 ppbv
RT: 8.87 min Scan# 1845
Delta R.T. 0.00 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-55

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.2	28.6	43.0

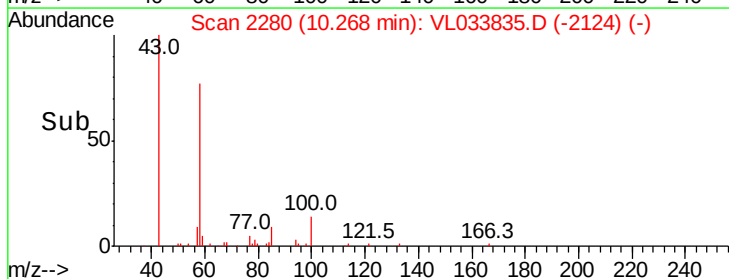
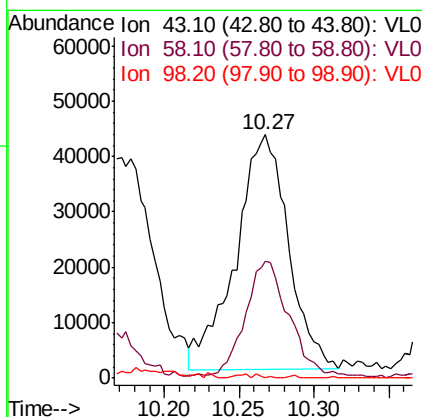
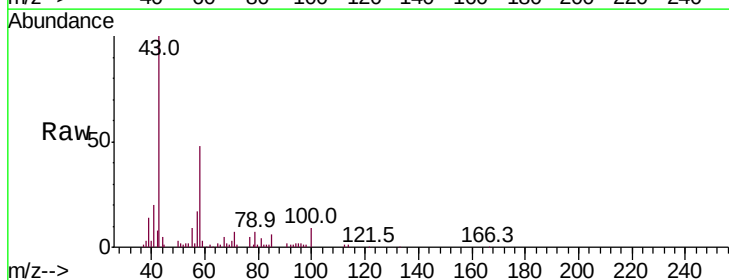
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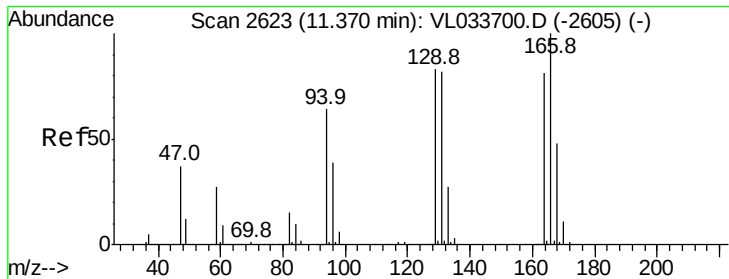
apatel
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#51
2-Hexanone
Concen: 0.664 ppbv
RT: 10.27 min Scan# 2280
Delta R.T. 0.00 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.5	38.7	58.1
98	0.6	0.2	0.4#





#52

Tetrachloroethene

Concen: 0.134 ppbv m

RT: 11.37 min Scan# 2622

Delta R.T. -0.00 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3010-55

Tot Ion:164 Resp: 8985

Ion Ratio Lower Upper

164 100

166 95.2 98.9 148.3#

129 64.4 81.8 122.6#

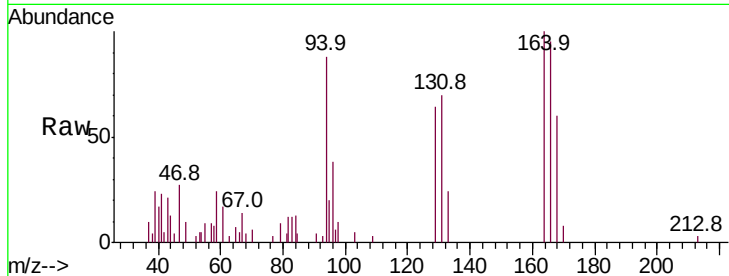
131 69.9 81.1 121.7#

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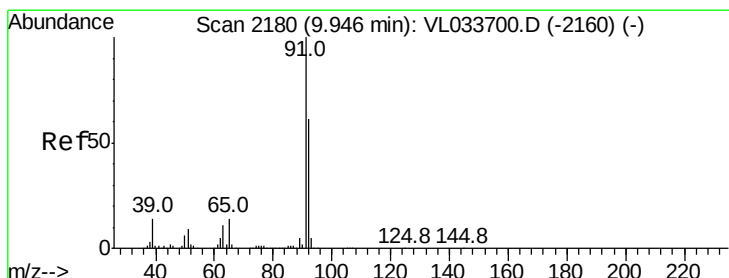
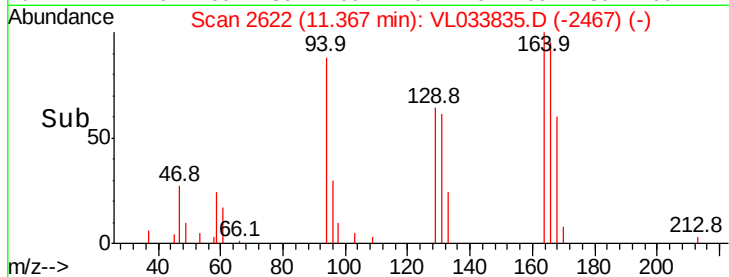
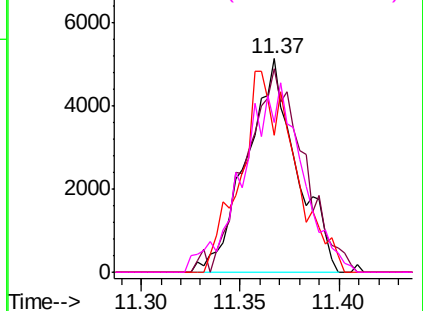


Abundance Ion 163.90 (163.60 to 164.60): V

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



#53

Toluene

Concen: 10.406 ppbv

RT: 9.94 min Scan# 2177

Delta R.T. -0.01 min

Lab File: VL033835.D

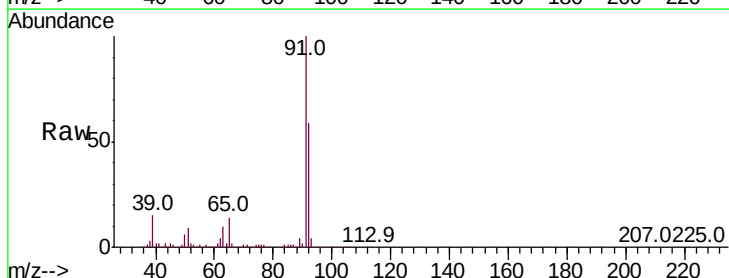
Acq: 29 May 2019 12:50

Tgt Ion: 91 Resp: 2145969

Ion Ratio Lower Upper

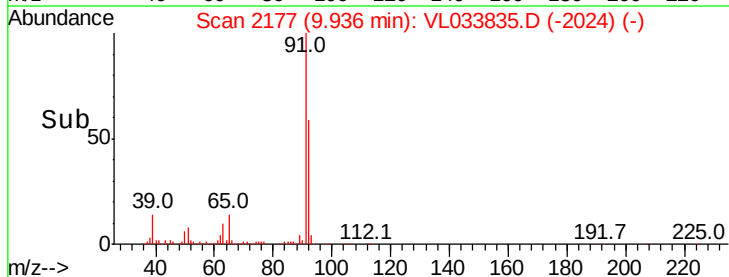
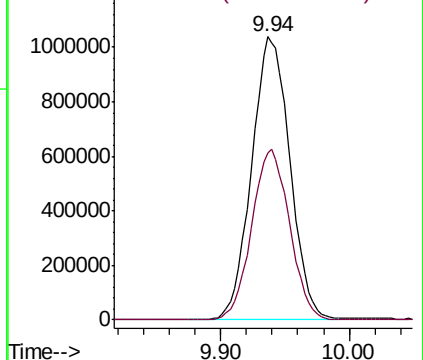
91 100

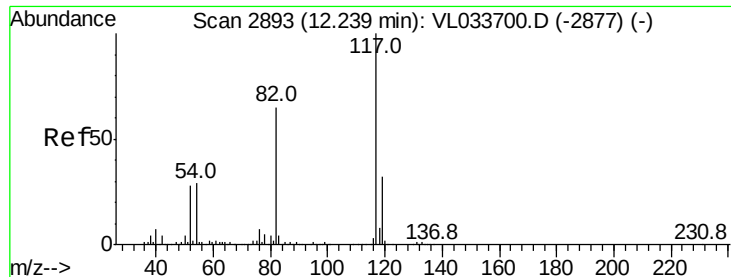
92 59.9 47.6 71.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





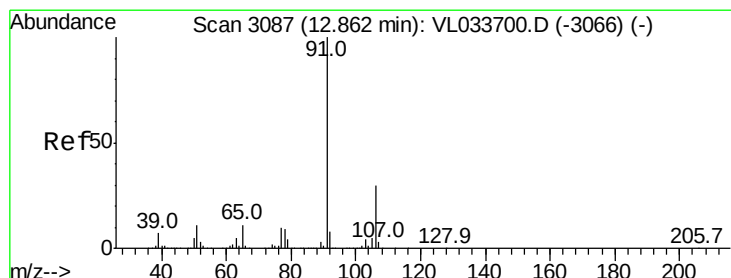
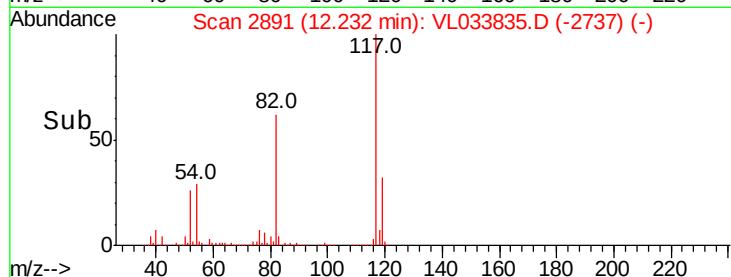
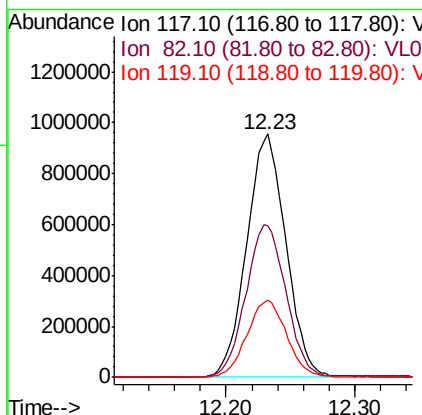
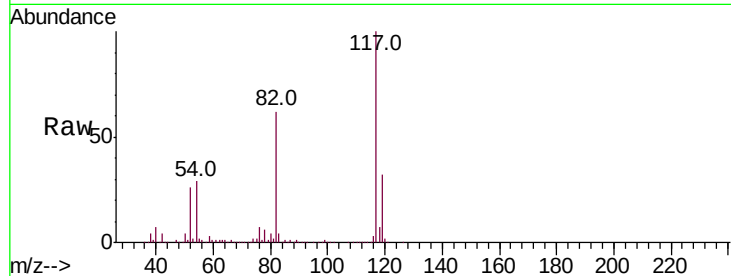
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-55

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.4	49.4	74.0
119	32.3	24.9	37.3

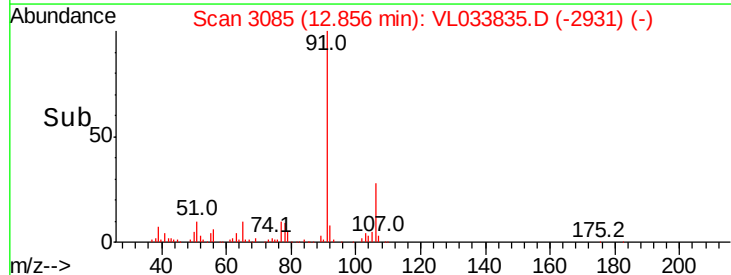
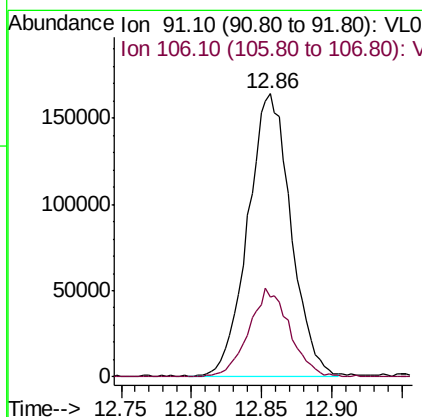
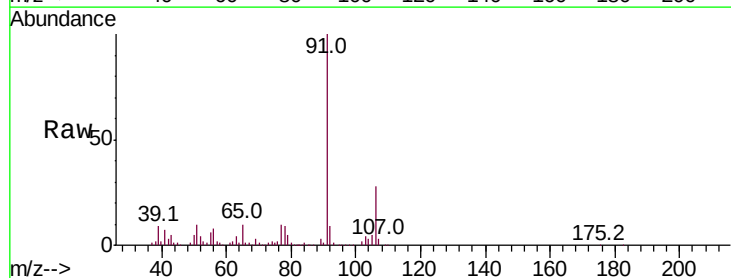
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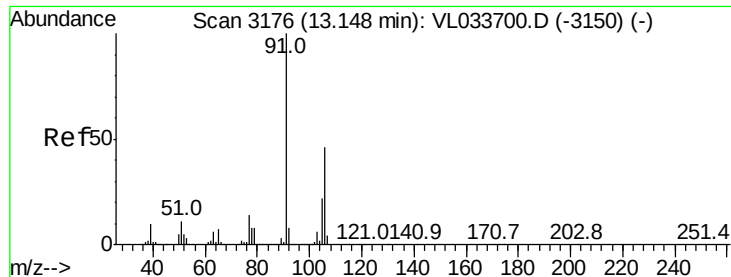
apatel
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#58
Ethyl Benzene
Concen: 1.300 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.2	23.9	35.9





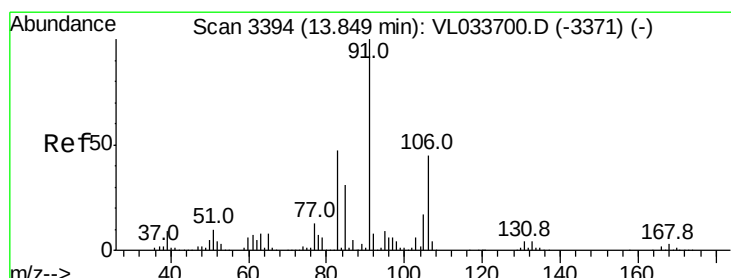
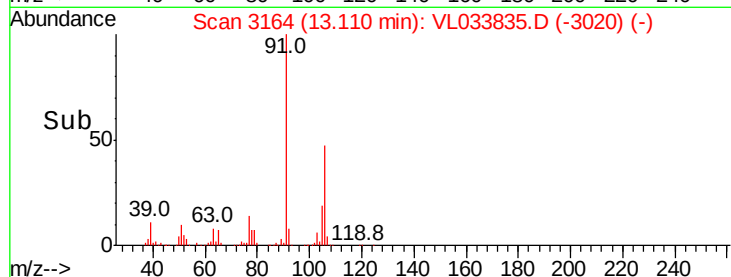
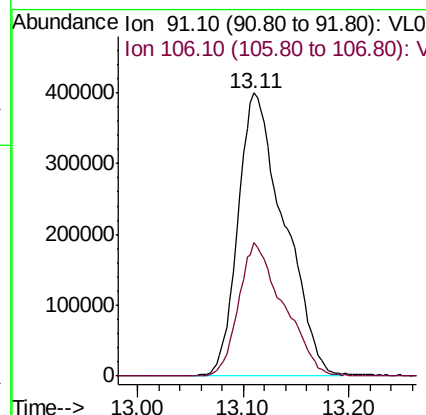
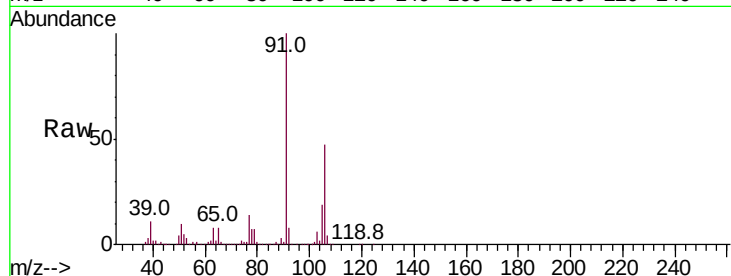
#59
m/p-Xylene
Concen: 5.175 ppbv
RT: 13.11 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-55

Tot Ion: 91 Resp: 1212482
Ion Ratio Lower Upper
91 100
106 45.9 35.8 53.6

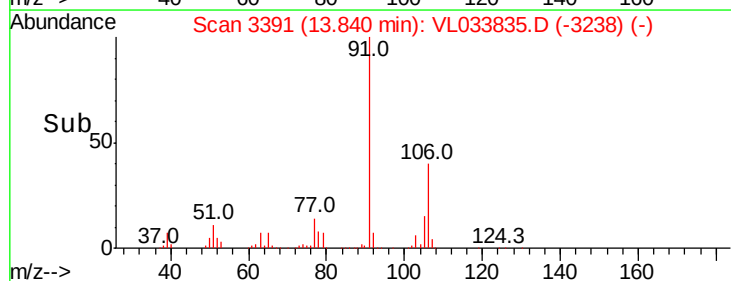
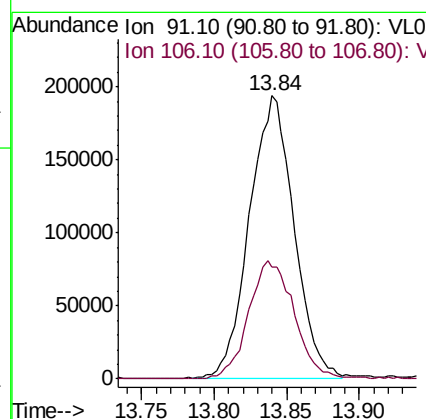
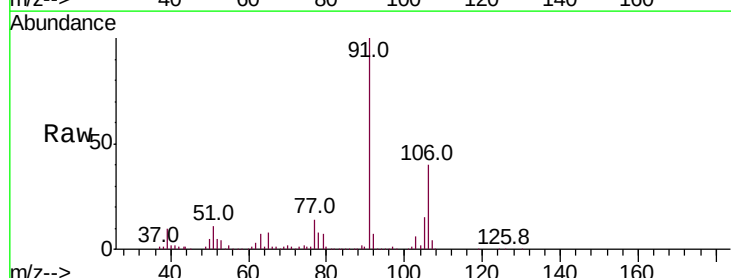
Manual Integrations
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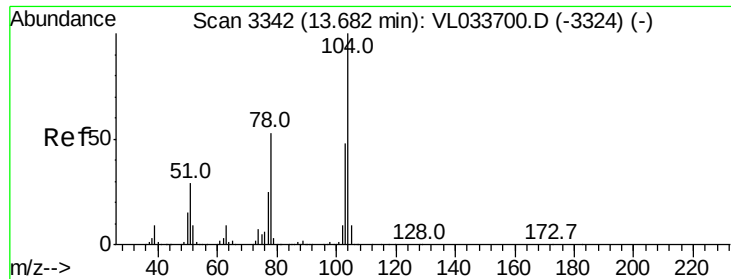
apatel
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#60
o-Xylene
Concen: 1.759 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033835.D
Acq: 29 May 2019 12:50

Tgt Ion: 91 Resp: 415433
Ion Ratio Lower Upper
91 100
106 43.0 21.6 64.8





#61

Stvrene

Concen: 0.082 ppbv m

RT: 13.68 min Scan# 3340

Delta R.T. -0.01 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Instrument :

MSVOA_L

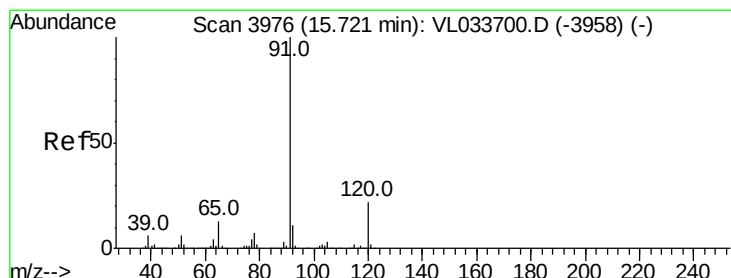
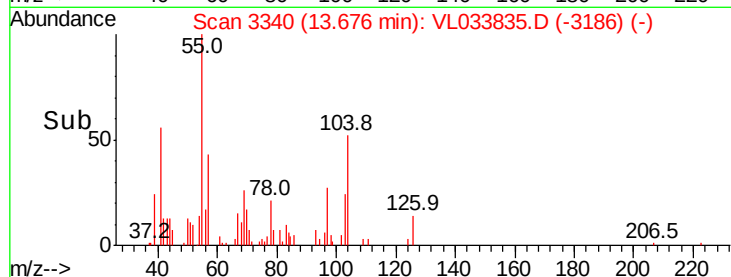
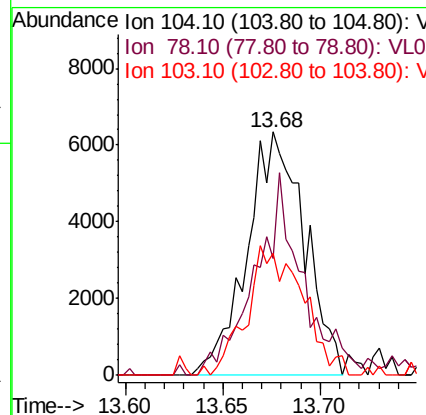
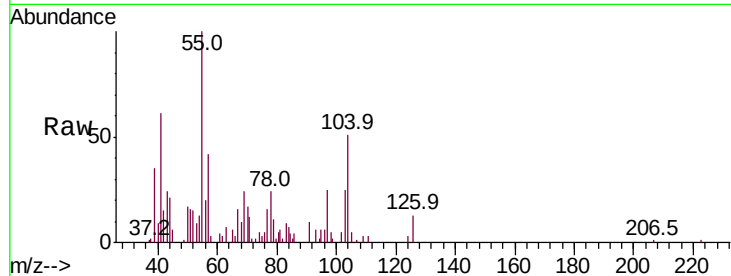
ClientSampleId :

BPS1-SG-3010-55

Tot Ion	Ratio	Lower	Upper
104	100		
78	69.7	42.6	64.0#
103	53.6	37.8	56.6

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#64

n-propylbenzene

Concen: 0.287 ppbv m

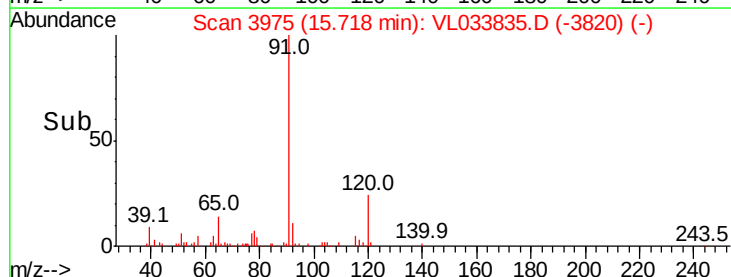
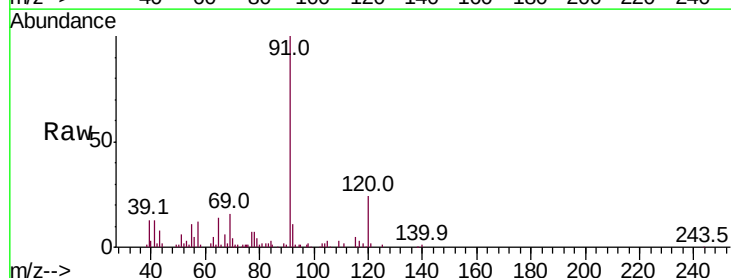
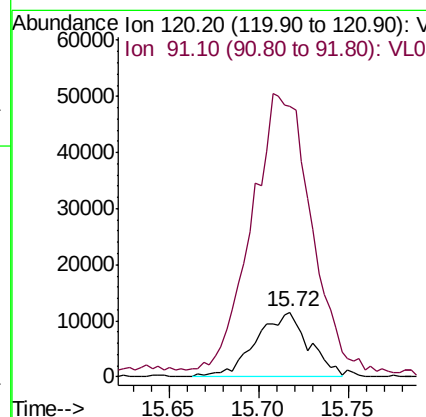
RT: 15.72 min Scan# 3975

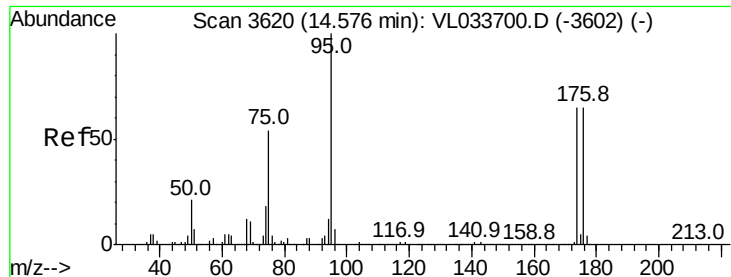
Delta R.T. -0.00 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Tgt Ion	Ratio	Lower	Upper
120	100		
91	514.8	379.1	568.7





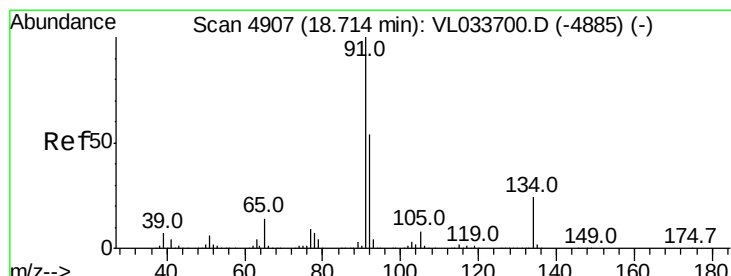
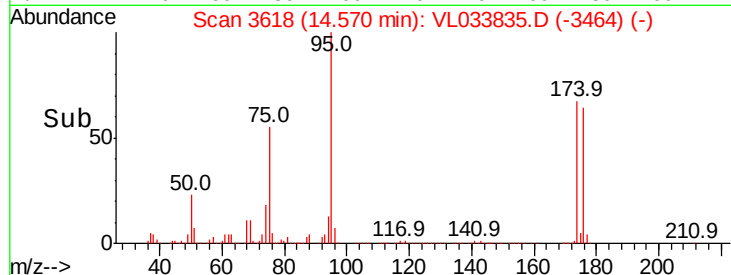
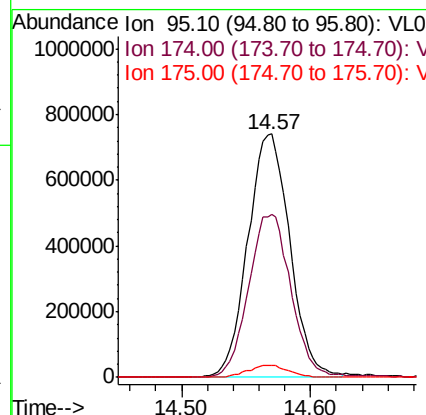
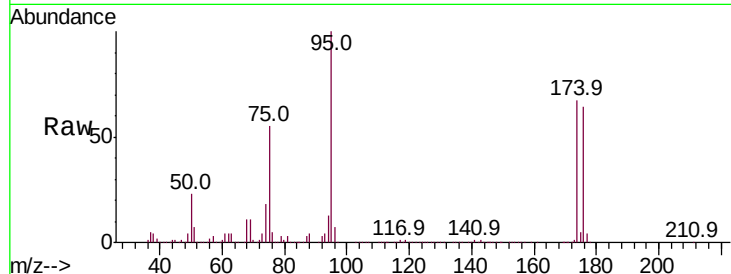
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.259 ppbv
 RT: 14.57 min Scan# 3618
 Delta R.T. -0.01 min
 Lab File: VL033835.D
 Acq: 29 May 2019 12:50

Instrument :
 MSVOA_L
 ClientSampleID :
 BPS1-SG-3010-55

Tot Ion: 95 Resp: 1683424
 Ion Ratio Lower Upper
 95 100
 174 68.3 53.9 80.9
 175 4.9 3.8 5.8

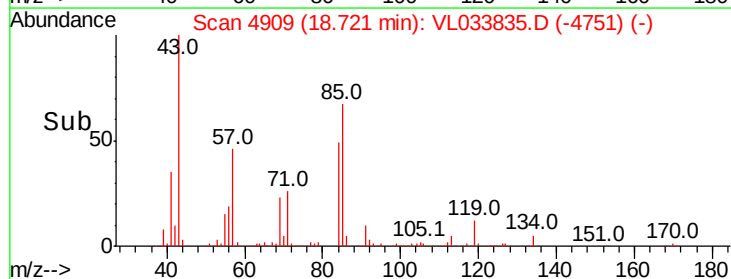
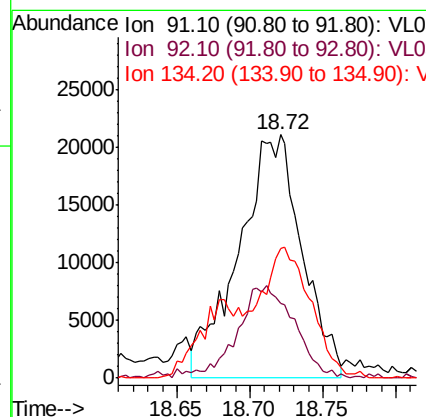
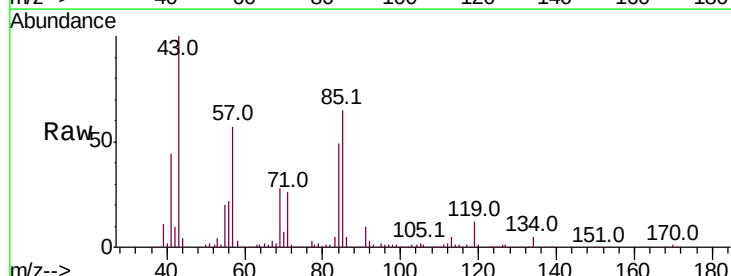
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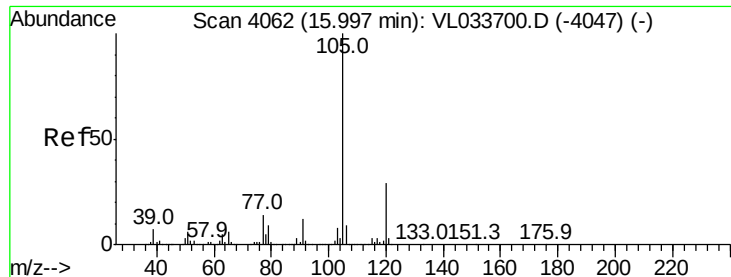
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#70
 n-Butylbenzene
 Concen: 0.177 ppbv m
 RT: 18.72 min Scan# 4909
 Delta R.T. 0.01 min
 Lab File: VL033835.D
 Acq: 29 May 2019 12:50

Tgt Ion: 91 Resp: 63807
 Ion Ratio Lower Upper
 91 100
 92 35.4 42.6 63.8#
 134 0.0 18.1 27.1#





#72

4-Ethyltoluene

Concen: 0.562 ppbv

RT: 15.99 min Scan# 4060

Delta R.T. -0.01 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Instrument :

MSVOA_L

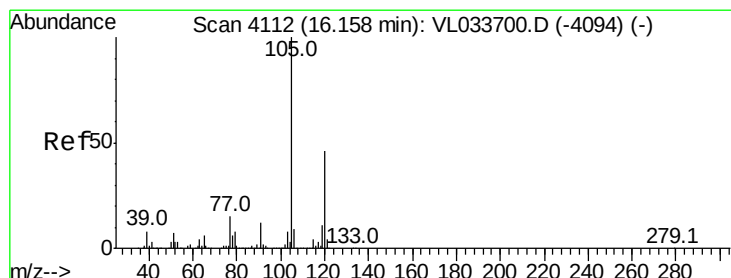
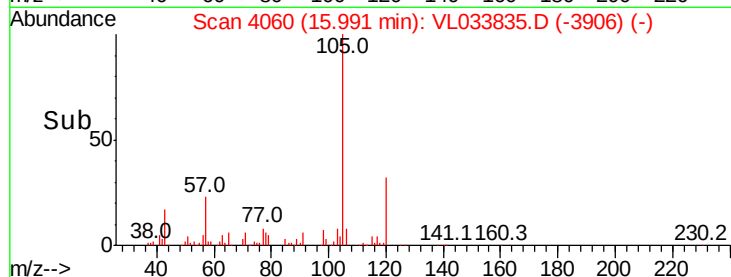
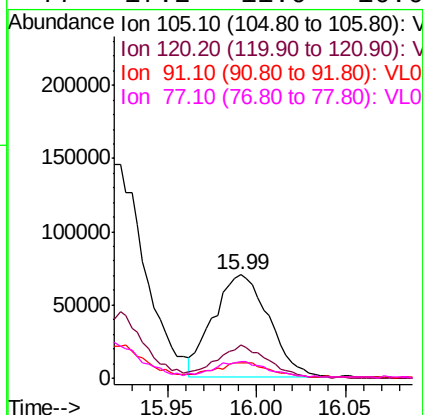
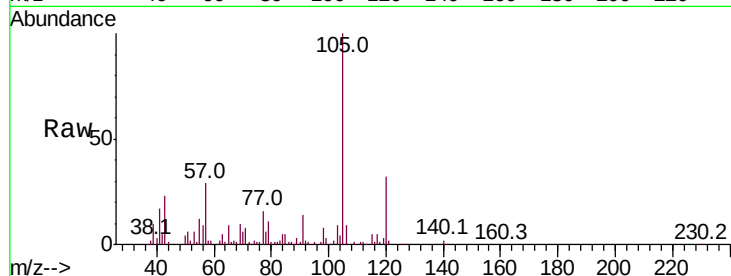
ClientSampleId :

BPS1-SG-3010-55

Tot Ion	Ratio	Resp	Lower	Upper
105	100	151662		
120	30.1	23.1	34.7	
91	16.1	10.4	15.6	
77	17.2	11.0	16.6	

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#73

1,3,5-Trimethylbenzene

Concen: 0.481 ppbv m

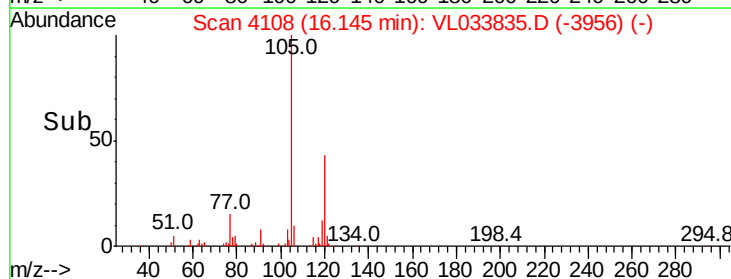
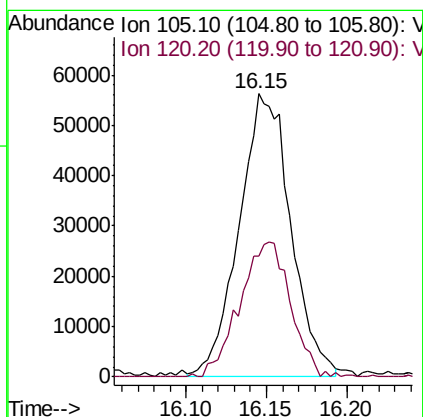
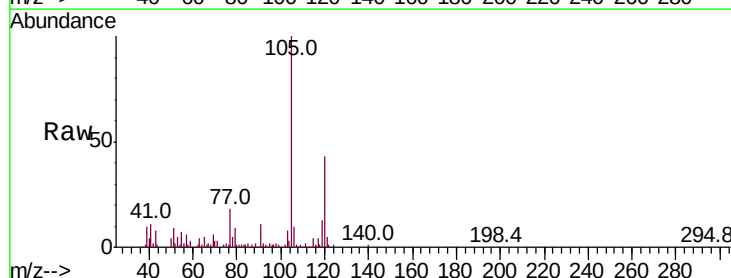
RT: 16.15 min Scan# 4108

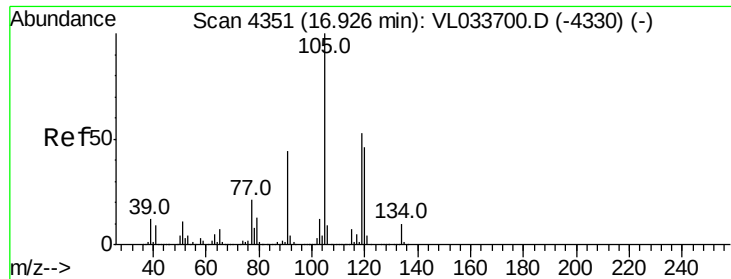
Delta R.T. -0.01 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	126765		
120	42.7	37.0	55.4	





#74

1,2,4-Trimethylbenzene

Concen: 1.981 ppbv

RT: 16.91 min Scan# 4347

Delta R.T. -0.01 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Instrument :

MSVOA_L

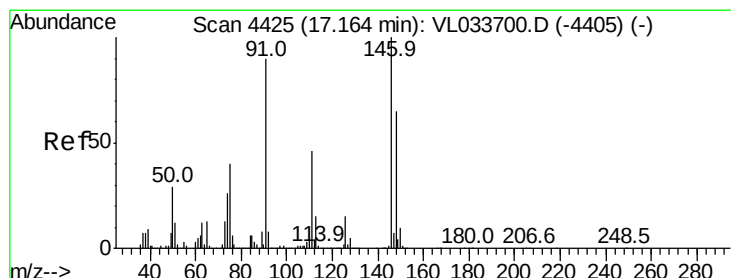
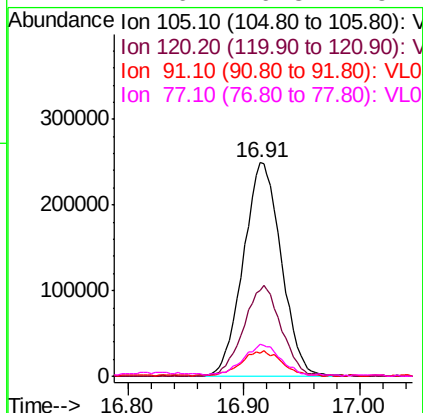
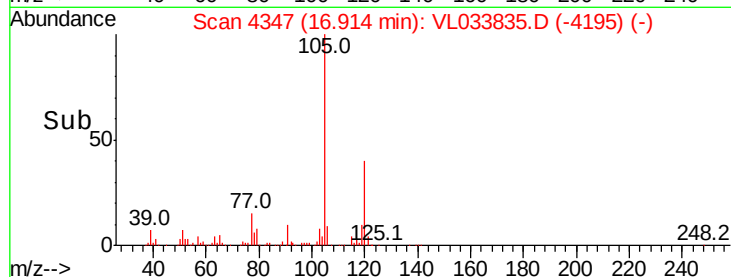
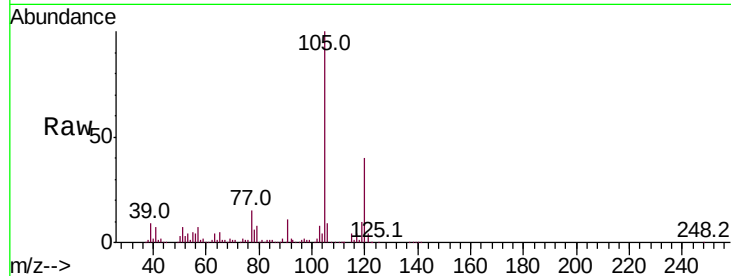
ClientSampleId :

BPS1-SG-3010-55

Tot Ion	Ratio	Lower	Upper
105	100		
120	40.4	36.8	55.2
91	10.8	35.4	53.0#
77	14.6	16.8	25.2#

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#75

1,3-Dichlorobenzene

Concen: 0.494 ppbv m

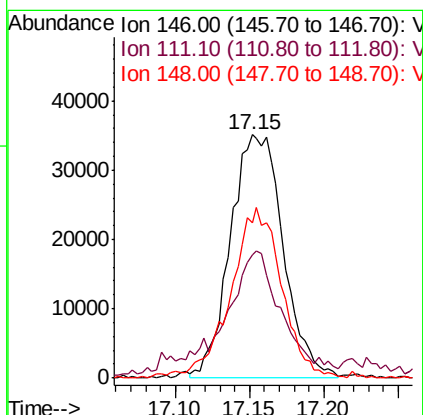
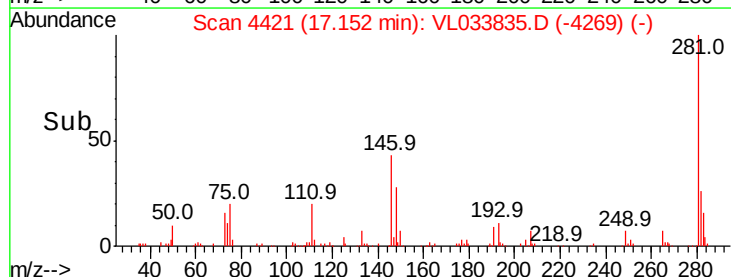
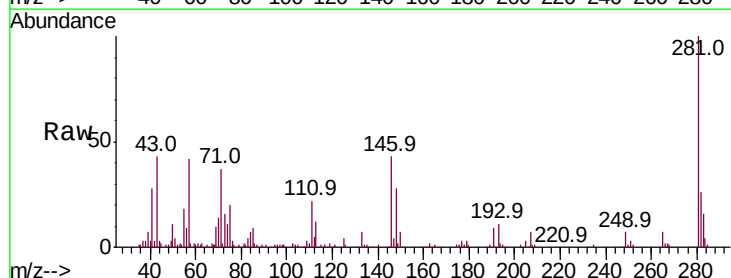
RT: 17.15 min Scan# 4421

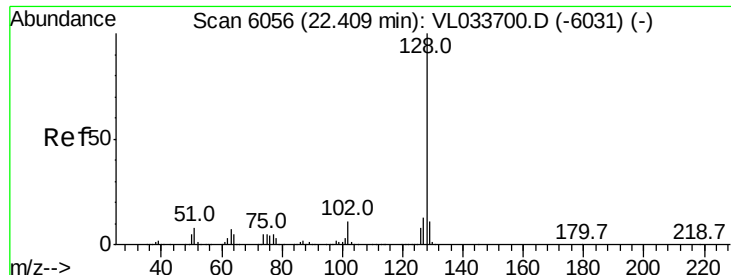
Delta R.T. -0.01 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	61.4	22.9	68.8
148	68.4	32.0	96.2





#79

Naphthalene

Concen: 0.465 ppbv m

RT: 22.41 min Scan# 6056

Delta R.T. 0.00 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Instrument :

MSVOA_L

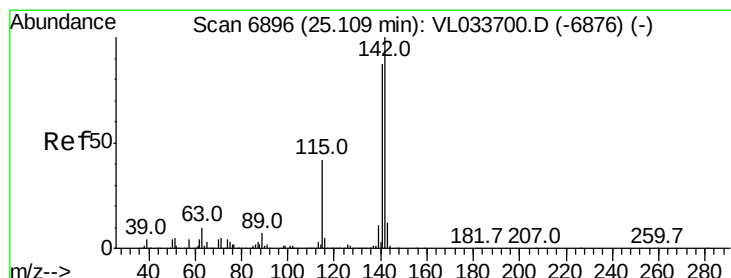
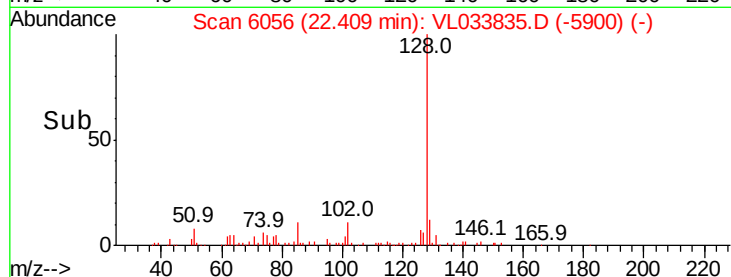
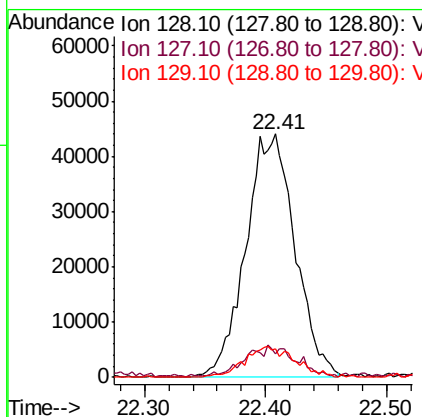
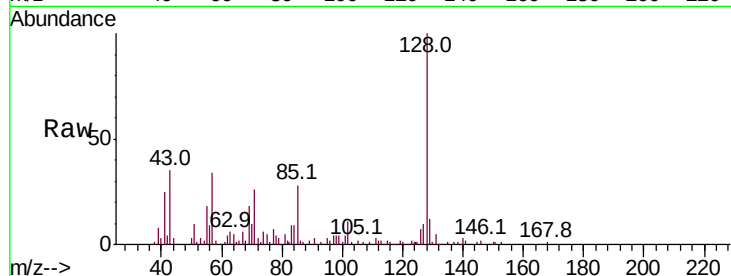
ClientSampleId :

BPS1-SG-3010-55

Tot Ion:	128	Resp:	123731
Ion Ratio	Lower	Upper	
128	100		
127	9.6	10.6	16.0#
129	11.6	8.9	13.3

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#80

Naphthalene, 2-methyl-

Concen: 0.107 ppbv m

RT: 25.10 min Scan# 6894

Delta R.T. -0.01 min

Lab File: VL033835.D

Acq: 29 May 2019 12:50

Tgt Ion:	142	Resp:	10854
Ion Ratio	Lower	Upper	
142	100		
141	40.2	67.2	100.8#
115	21.5	34.1	51.1#

