

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033806.D
 Acq On : 28 May 2019 15:44
 Operator : SY/AP
 Sample : K2929-12
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 BPS1-SG-3008-25

Manual Integrations
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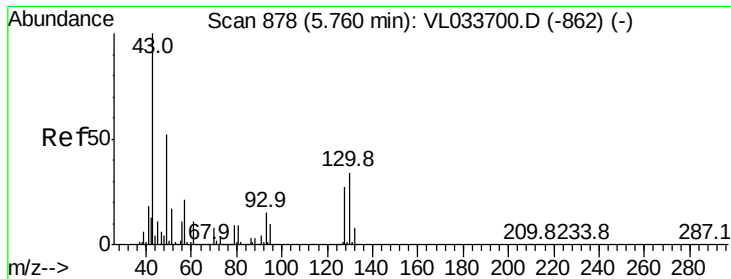
Quant Time: May 29 05:17:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	892413	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2346948	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2298783	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1823828	9.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	29875	0.159	ppbv	93
3) Chlorodifluoromethane	3.00	51	22927m	0.224	ppbv	
4) Chloromethane	3.16	50	14366m	0.246	ppbv	
9) Propene	3.03	41	705501	16.226	ppbv	92
10) Heptane	8.24	43	131581	1.069	ppbv	95
11) Trichlorofluoromethane	4.00	101	49869	0.278	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	26396	0.211	ppbv	99
13) Ethanol	3.65	45	361561	25.728	ppbv	98
15) Acetone	3.89	43	9312590	75.212	ppbv #	86
17) tert-Butyl alcohol	4.36	59	307589	3.072	ppbv	99
20) Methylene Chloride	4.41	84	127279	2.670	ppbv	98
26) Hexane	5.77	57	320260	3.425	ppbv #	42
27) Carbon Disulfide	4.62	76	208168	1.623	ppbv	99
29) Chloroform	5.85	83	24865	0.144	ppbv	92
30) Cyclohexane	7.24	84	16180m	0.206	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	15737m	0.092	ppbv	
34) 2-Butanone	5.32	43	1810469	12.445	ppbv	97
35) Carbon Tetrachloride	7.13	117	5152m	0.027	ppbv	
36) Benzene	7.00	78	136281	0.638	ppbv #	94
38) Trichloroethene	7.96	130	2349	0.030	ppbv #	61
44) 2,2,4-Trimethylpentane	7.98	57	51935	0.144	ppbv #	66
50) 4-Methyl-2-Pentanone	8.87	43	82926	0.371	ppbv	99
51) 2-Hexanone	10.26	43	306276	1.754	ppbv #	97
52) Tetrachloroethene	11.37	164	30925m	0.412	ppbv	
53) Toluene	9.94	91	1410565	6.126	ppbv	100
58) Ethyl Benzene	12.86	91	360553	1.184	ppbv	100
59) m/p-Xylene	13.11	91	1197228	4.499	ppbv	97
60) o-Xylene	13.84	91	419286	1.563	ppbv	98
61) Styrene	13.68	104	19352	0.107	ppbv #	83
64) n-propylbenzene	15.72	120	32682m	0.350	ppbv	
70) n-Butylbenzene	18.73	91	90614	0.221	ppbv #	81
72) 4-Ethyltoluene	15.99	105	177571	0.579	ppbv	98
73) 1,3,5-Trimethylbenzene	16.15	105	128518m	0.429	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	462691	1.421	ppbv #	75
75) 1,3-Dichlorobenzene	17.15	146	68659m	0.344	ppbv	
79) Naphthalene	22.41	128	57852m	0.191	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: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

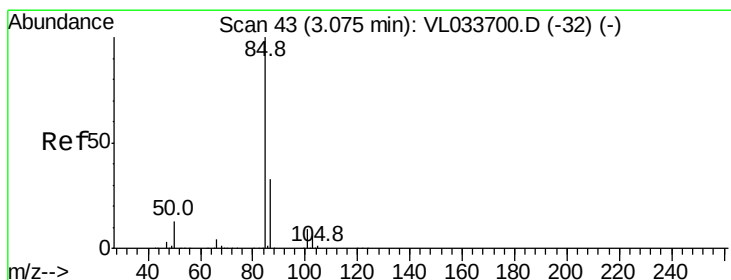
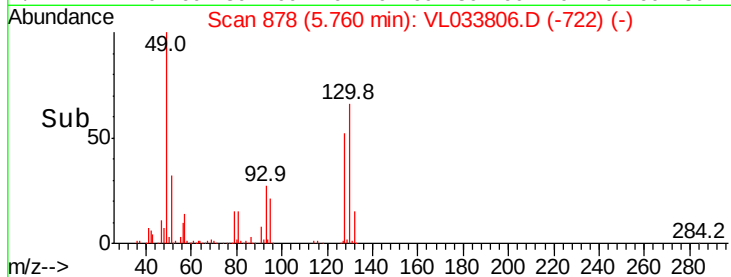
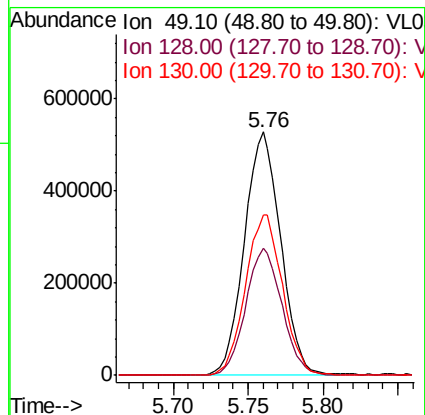
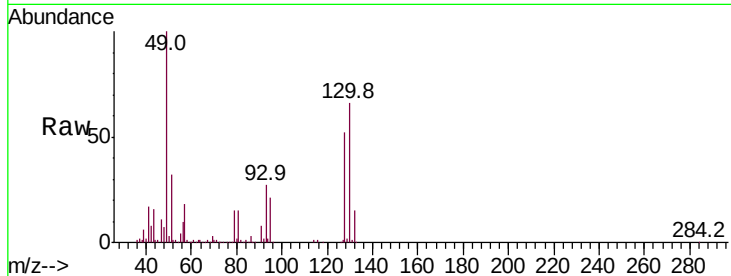
ClientSampleId :

BPS1-SG-3008-25

Tot Ion:	49	Resp:	892413
Ion Ratio	Lower	Upper	
49	100		
128	52.2	25.2	75.6
130	67.8	32.5	97.5

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#2

Dichlorodifluoromethane

Concen: 0.159 ppbv

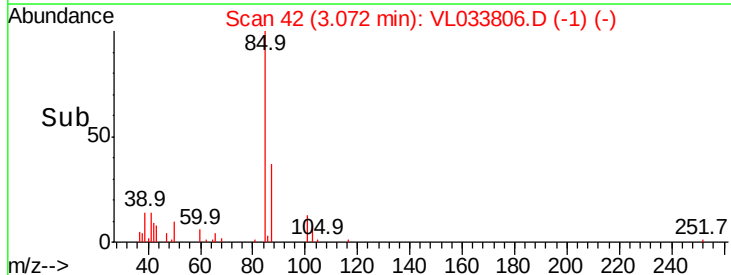
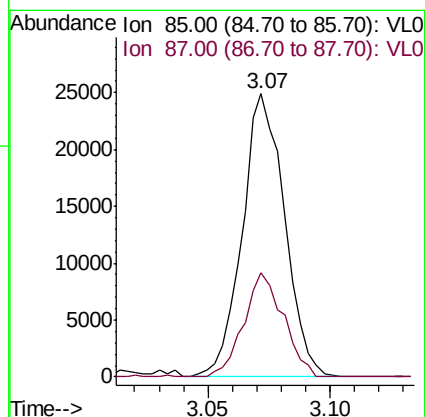
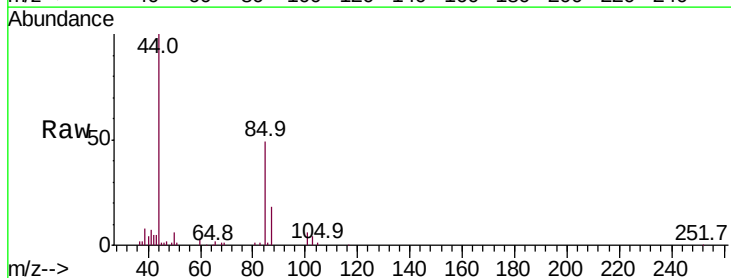
RT: 3.07 min Scan# 42

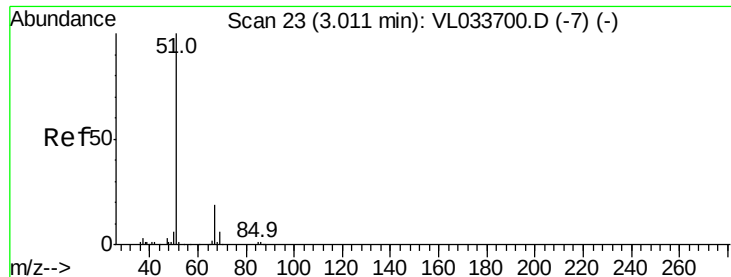
Delta R.T. -0.00 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Tgt Ion:	85	Resp:	29875
Ion Ratio	Lower	Upper	
85	100		
87	37.0	26.3	39.5





#3

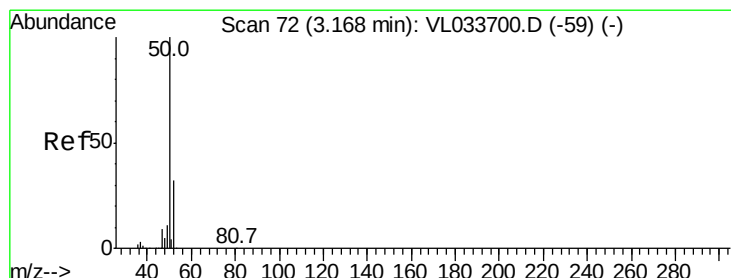
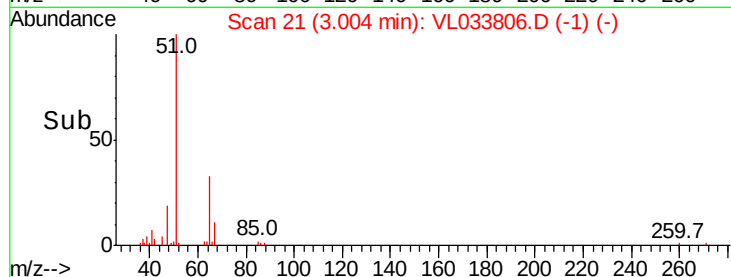
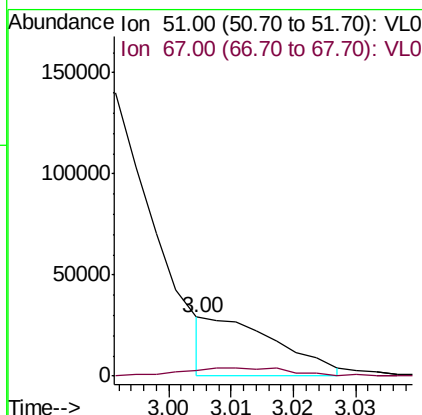
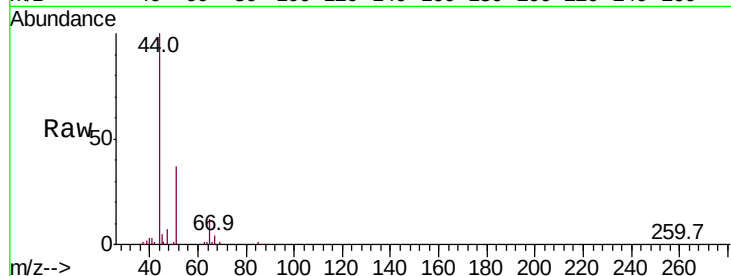
Chlorodifluoromethane
 Concen: 0.224 ppbv m
 RT: 3.00 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: VL033806.D
 Acq: 28 May 2019 15:44

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3008-25

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

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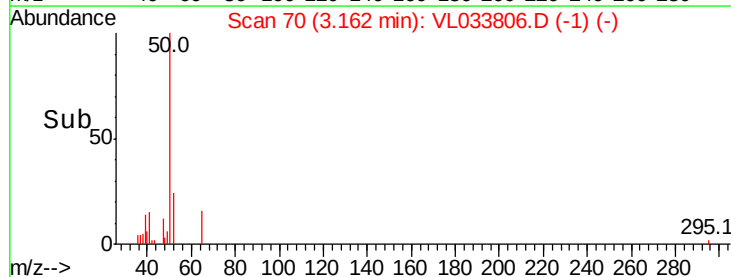
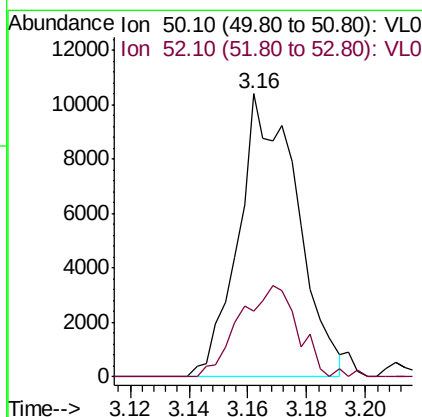
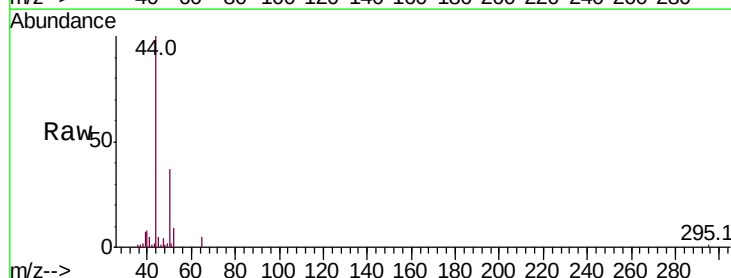
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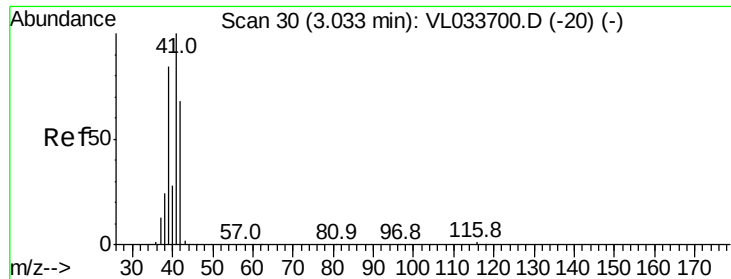


#4

Chloromethane
 Concen: 0.246 ppbv m
 RT: 3.16 min Scan# 70
 Delta R.T. -0.01 min
 Lab File: VL033806.D
 Acq: 28 May 2019 15:44

Tgt Ion	Ratio	Lower	Upper
50	100		
52	23.3	25.7	38.5#





#9

Propene

Concen: 16.226 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-25

Tot Ion: 41 Resp: 705501

Ion Ratio Lower Upper

41 100

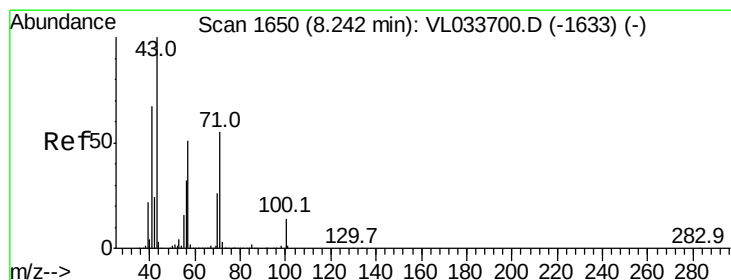
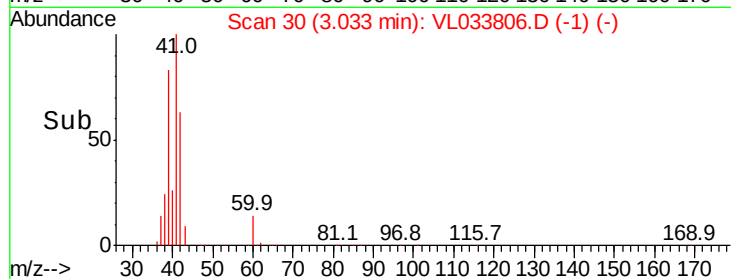
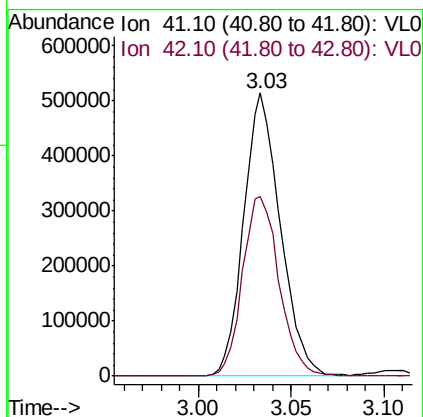
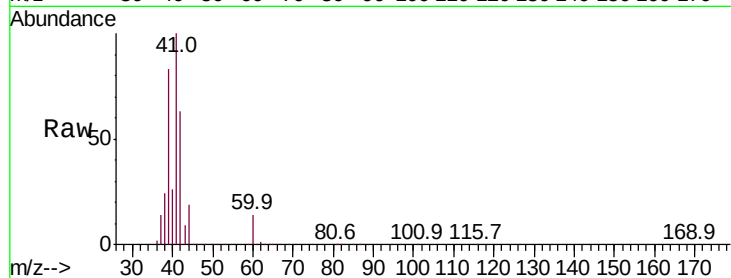
42 63.7 56.1 84.1

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#10

Heptane

Concen: 1.069 ppbv

RT: 8.24 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VL033806.D

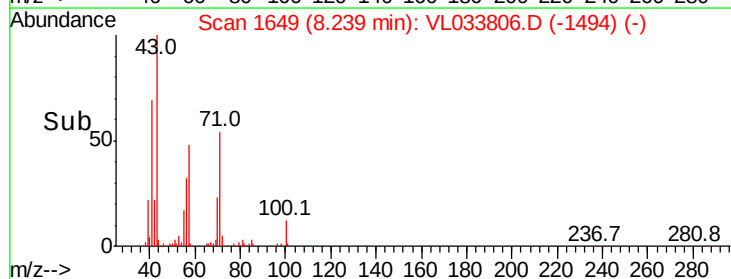
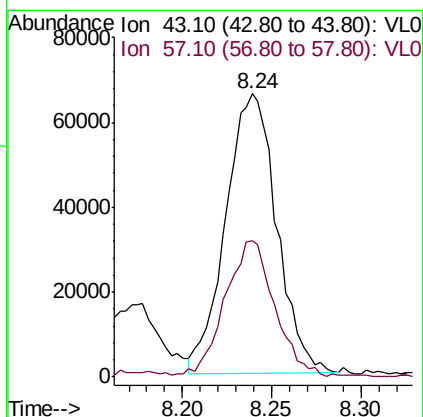
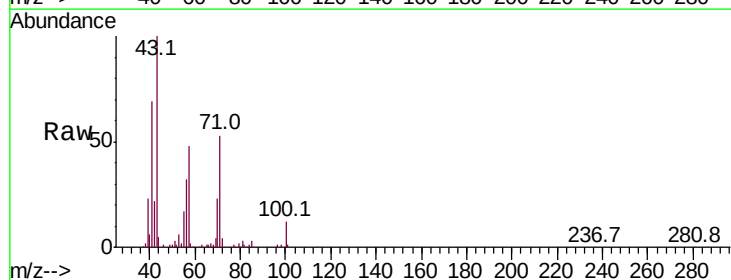
Acq: 28 May 2019 15:44

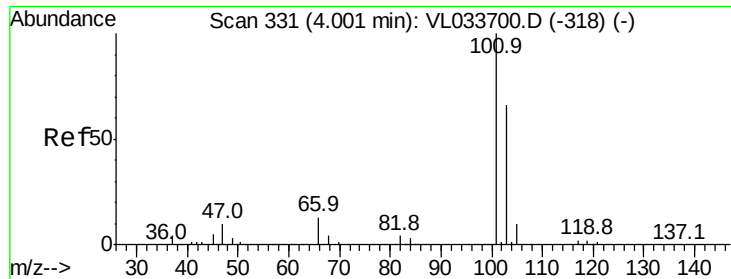
Tgt Ion: 43 Resp: 131581

Ion Ratio Lower Upper

43 100

57 48.1 41.4 62.0





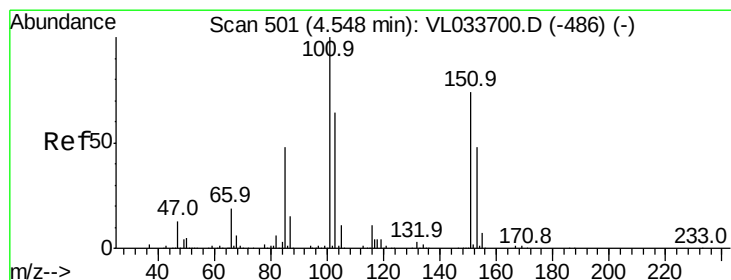
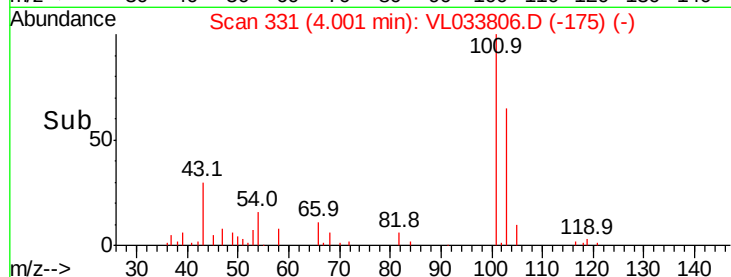
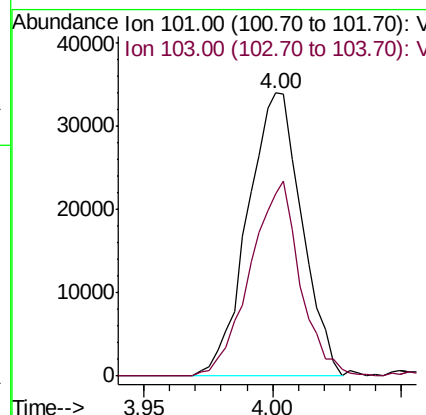
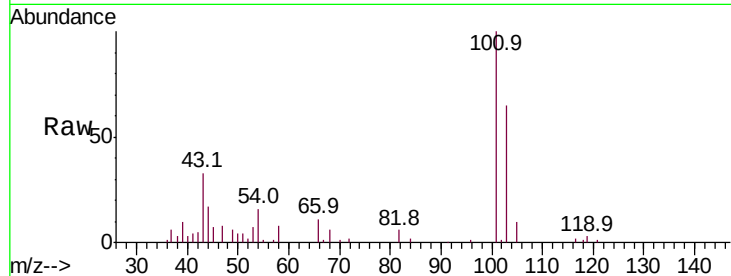
#11
 Trichlorofluoromethane
 Concen: 0.278 ppbv
 RT: 4.00 min Scan# 331
 Delta R.T. 0.00 min
 Lab File: VL033806.D
 Acq: 28 May 2019 15:44

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3008-25

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.6	78.8

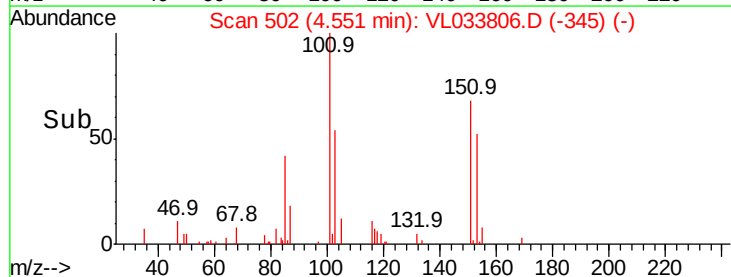
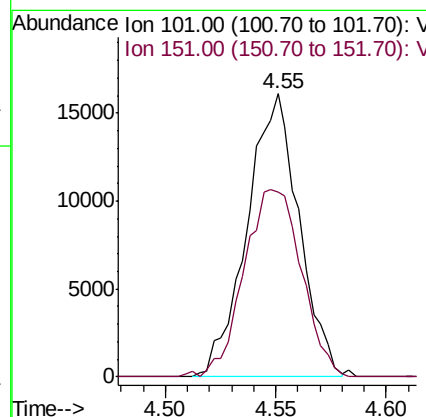
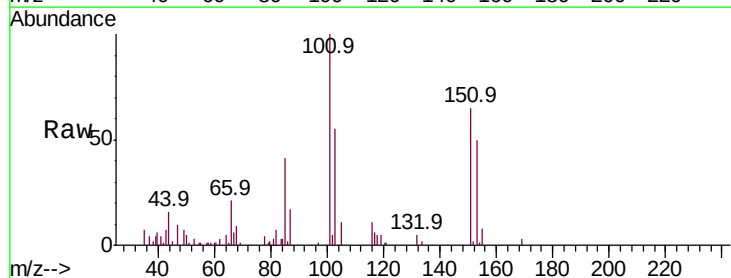
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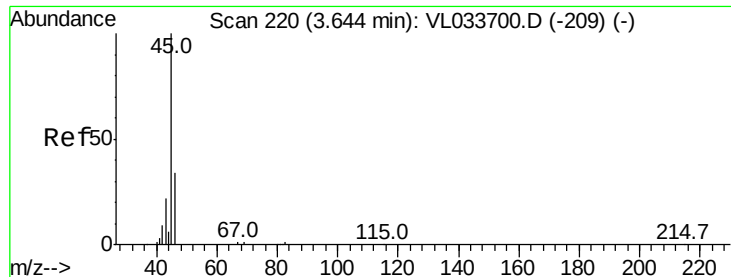
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.211 ppbv
 RT: 4.55 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VL033806.D
 Acq: 28 May 2019 15:44

Tgt Ion	Ratio	Lower	Upper
101	100		
151	73.4	58.2	87.4





#13

Ethanol

Concen: 25.728 ppbv

RT: 3.65 min Scan# 222

Delta R.T. 0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-25

Tot Ion: 45 Resp: 361561

Ion Ratio Lower Upper

45 100

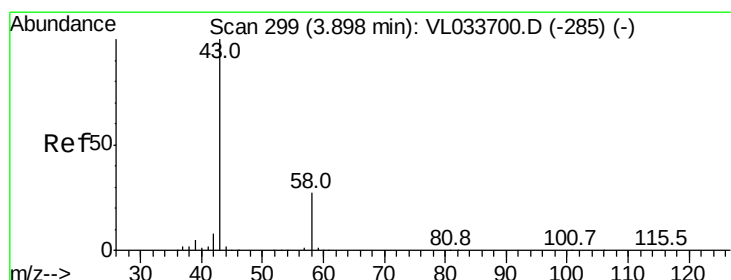
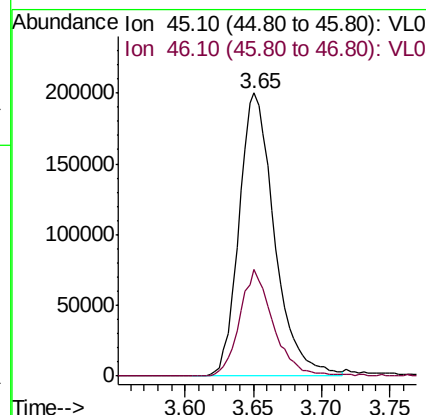
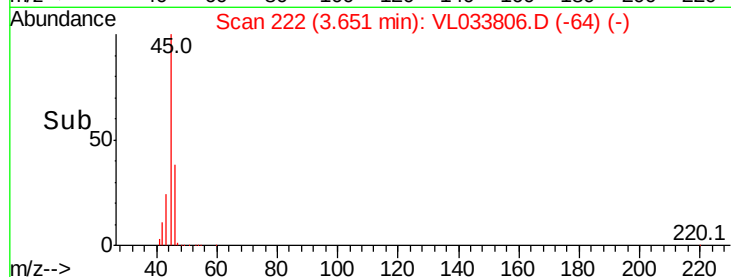
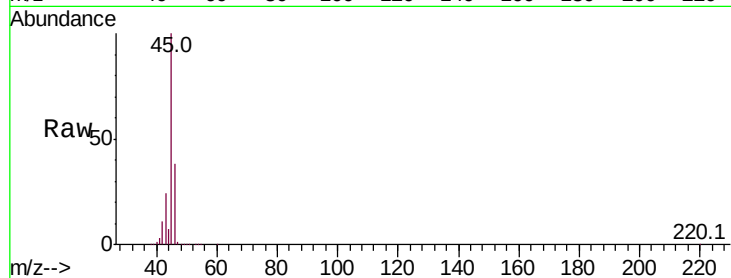
46 35.9 14.8 59.0

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#15

Acetone

Concen: 75.212 ppbv

RT: 3.89 min Scan# 297

Delta R.T. -0.01 min

Lab File: VL033806.D

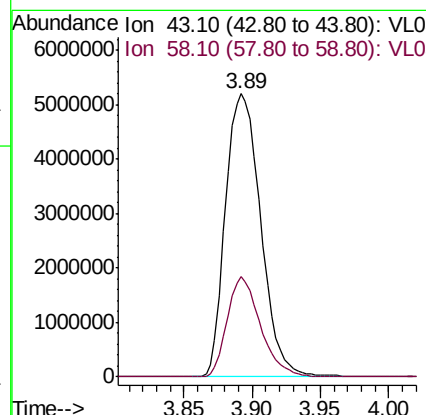
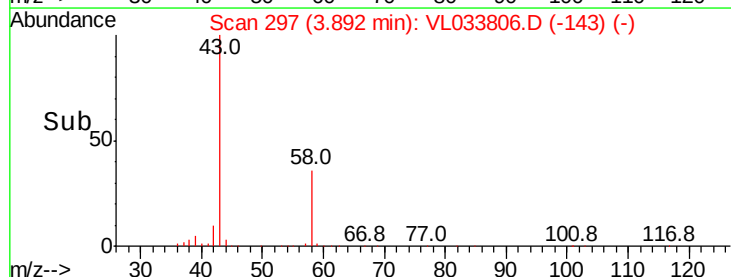
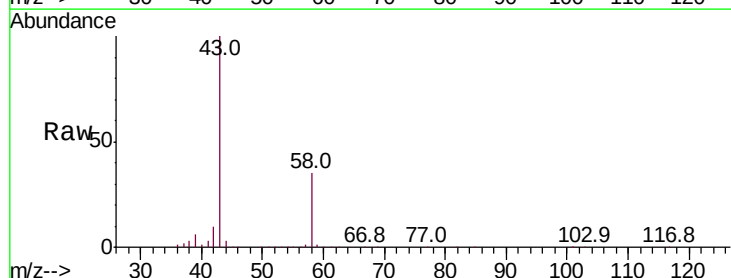
Acq: 28 May 2019 15:44

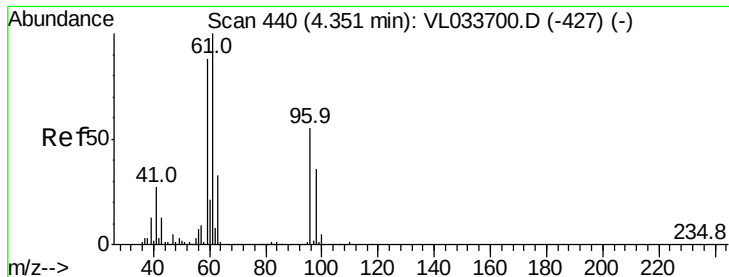
Tgt Ion: 43 Resp: 9312590

Ion Ratio Lower Upper

43 100

58 33.8 21.3 31.9#





#17

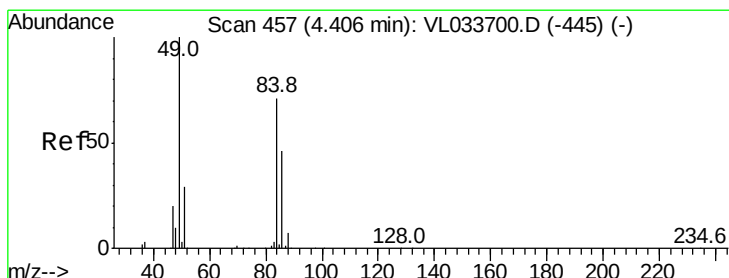
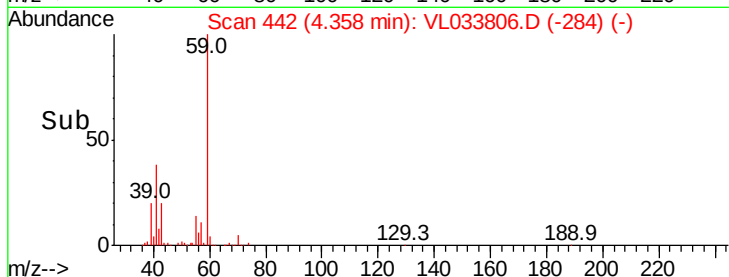
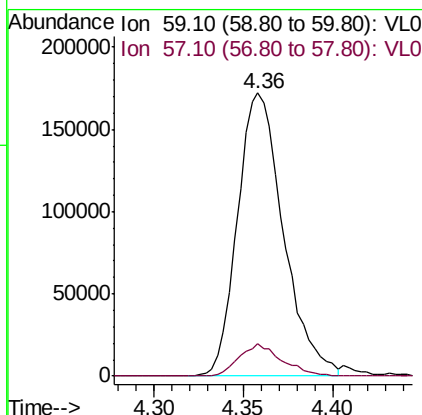
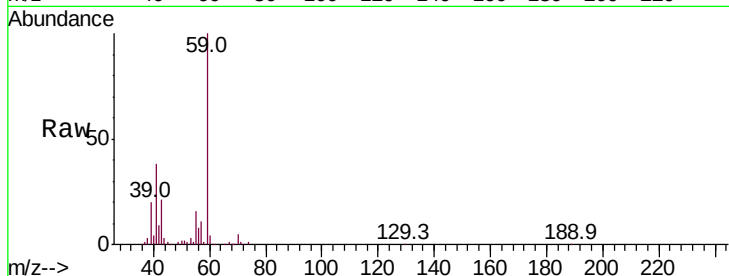
tert-Butyl alcohol
Concen: 3.072 ppbv
RT: 4.36 min Scan# 442
Delta R.T. 0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tot Ion: 59 Resp: 307589
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6

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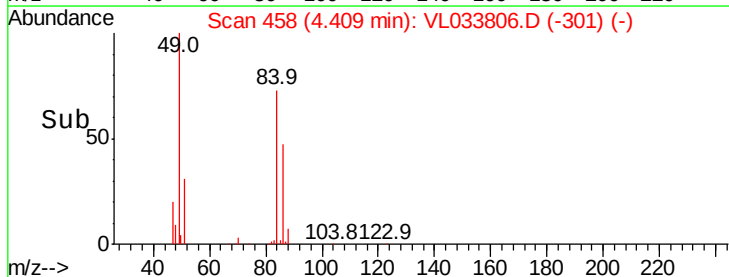
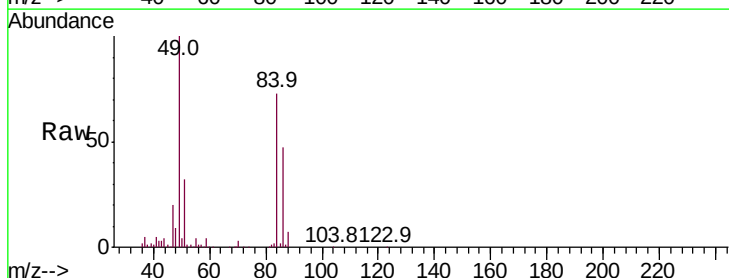
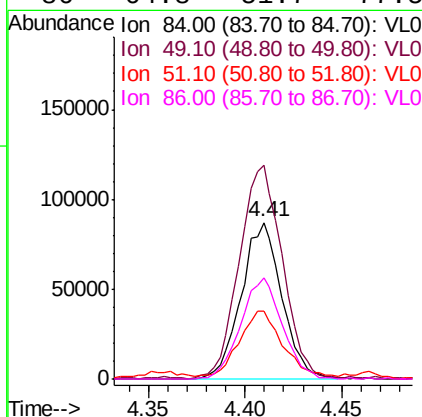
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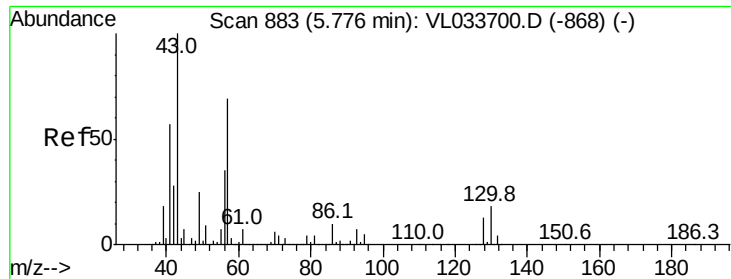


#20

Methylene Chloride
Concen: 2.670 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 84 Resp: 127279
Ion Ratio Lower Upper
84 100
49 136.1 112.8 169.2
51 41.3 33.4 50.0
86 64.8 51.7 77.5





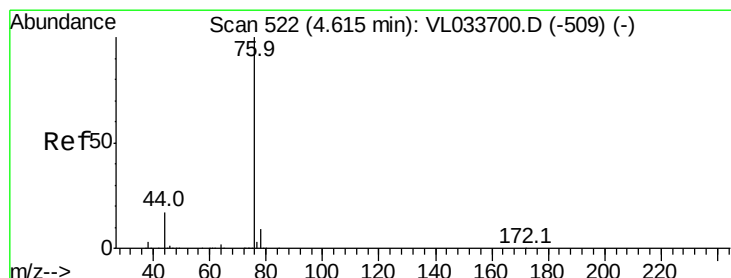
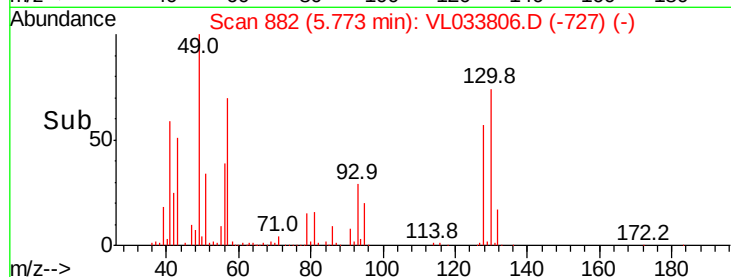
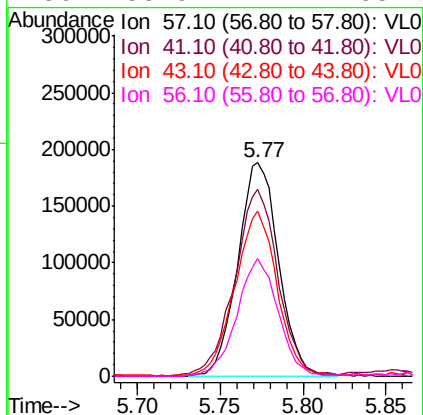
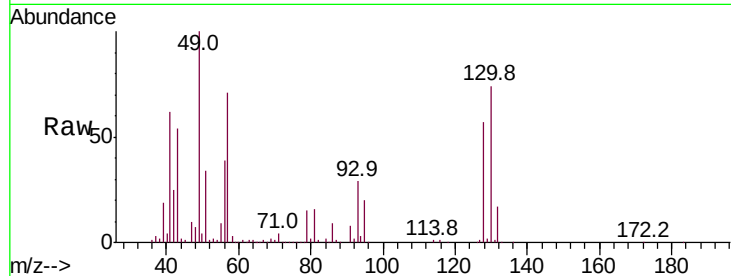
#26
Hexane
Concen: 3.425 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tot Ion	57	Resp	320260
Ion	Ratio	Lower	Upper
57	100		
41	93.8	69.8	104.6
43	80.2	181.8	272.6#
56	55.9	42.1	63.1

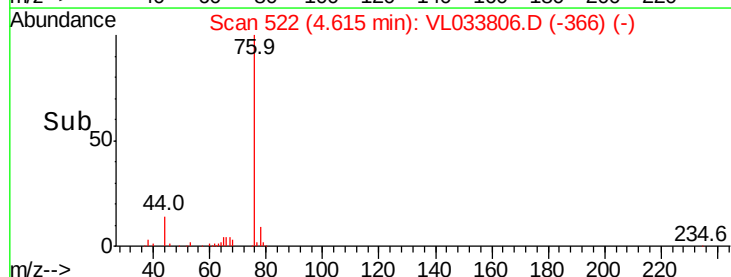
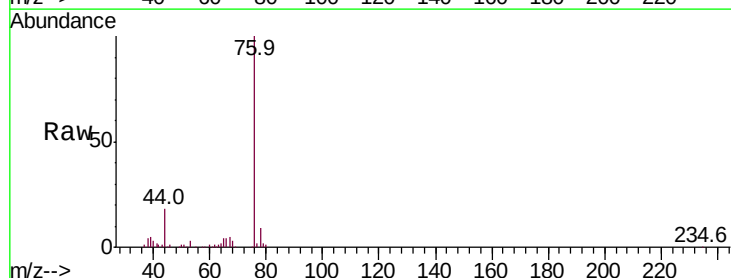
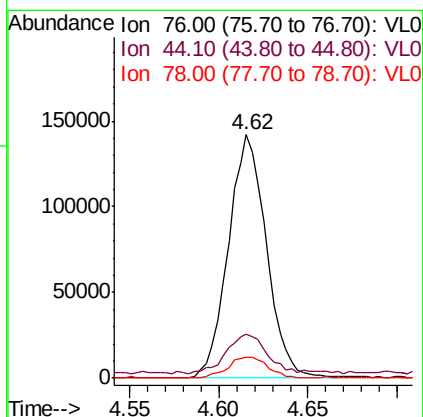
Manual Integrations
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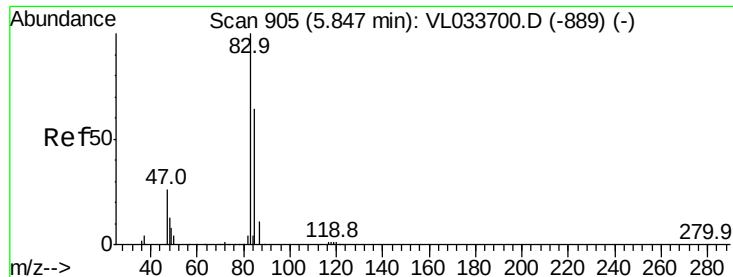
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#27
Carbon Disulfide
Concen: 1.623 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion	76	Resp	208168
Ion	Ratio	Lower	Upper
76	100		
44	17.8	13.8	20.8
78	9.4	7.4	11.0





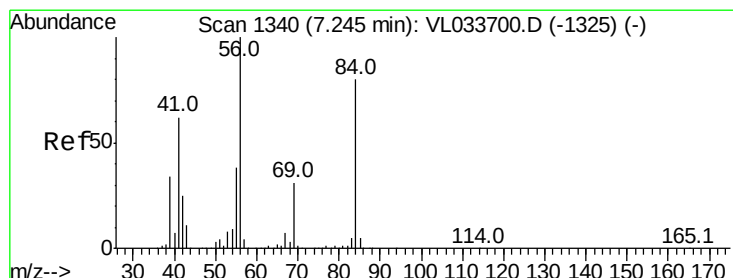
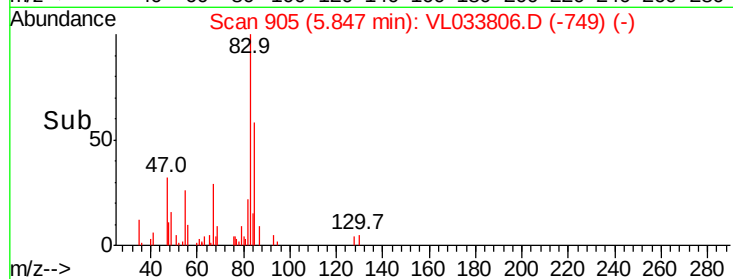
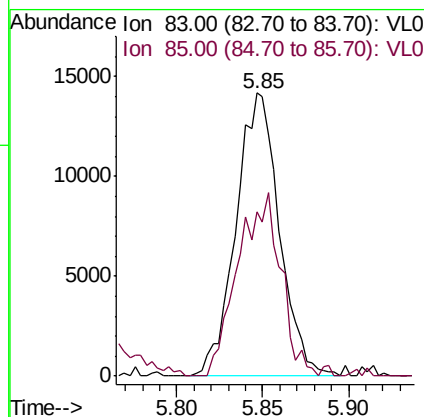
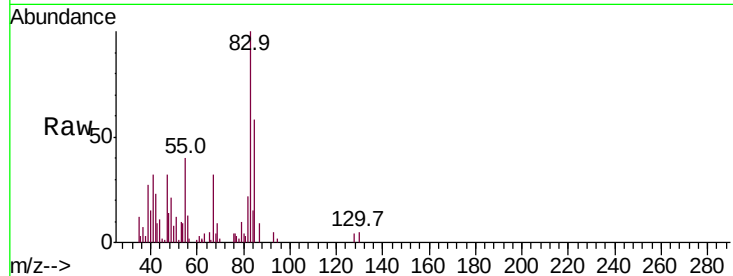
#29
Chloroform
Concen: 0.144 ppbv
RT: 5.85 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tot Ion	83	Resp	24865
Ion	Ratio	Lower	Upper
83	100		
85	58.2	51.5	77.3

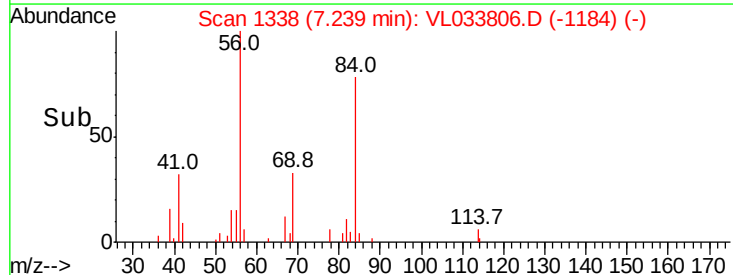
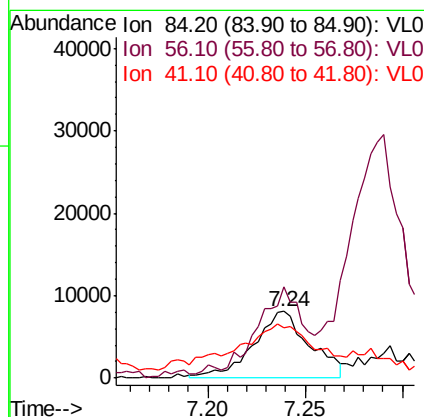
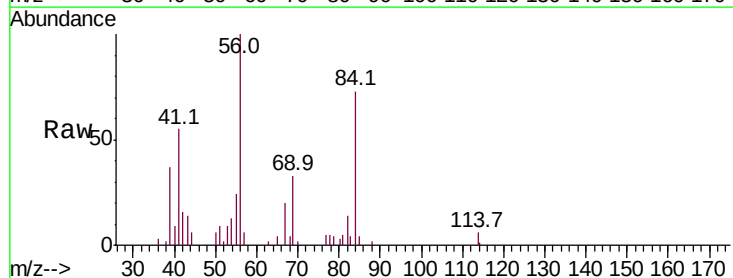
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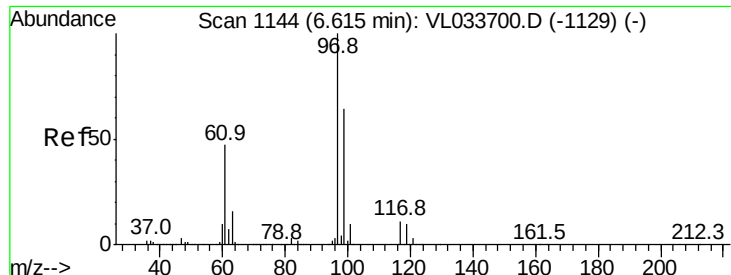
apatel
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#30
Cyclohexane
Concen: 0.206 ppbv m
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion	84	Resp	16180
Ion	Ratio	Lower	Upper
84	100		
56	125.5	107.7	161.5
41	108.6	66.0	99.0#





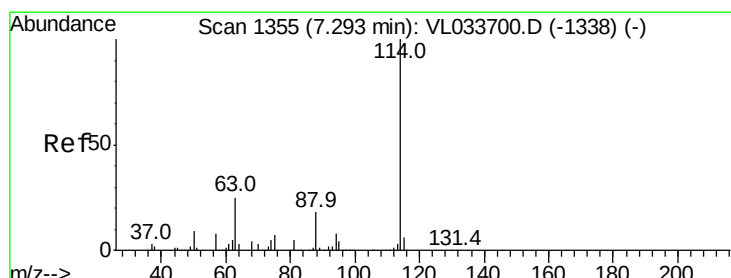
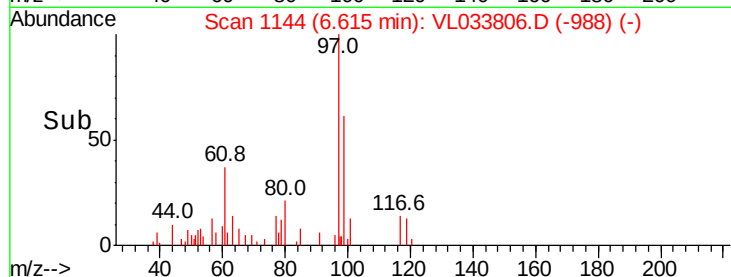
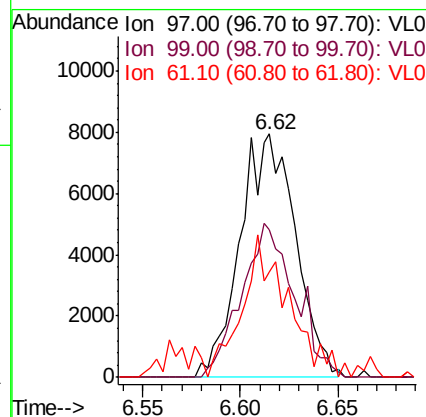
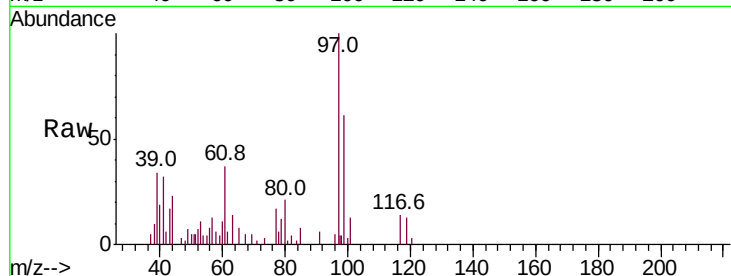
#32
 1,1,1-Trichloroethane
 Concen: 0.092 ppbv m
 RT: 6.62 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VL033806.D
 Acq: 28 May 2019 15:44

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3008-25

Tot Ion	Ratio	Lower	Upper
97	100		
99	61.0	51.5	77.3
61	57.9	37.8	56.8#

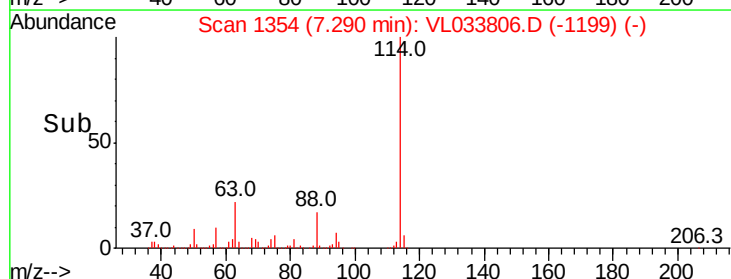
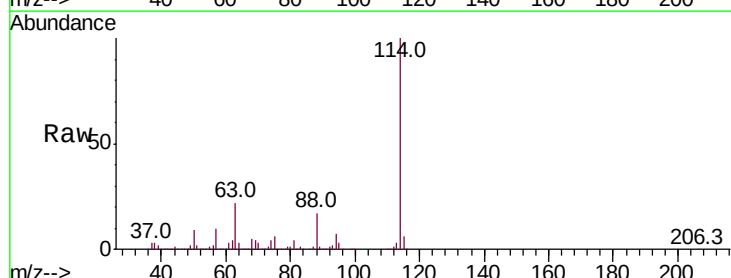
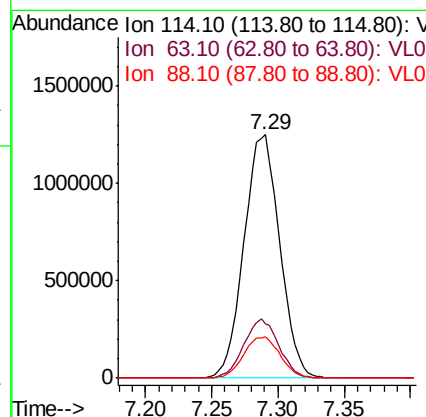
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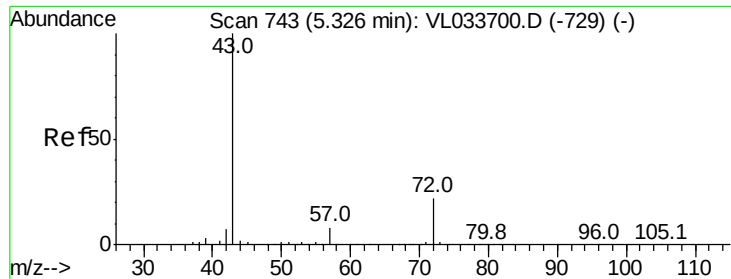
apatel
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#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: VL033806.D
 Acq: 28 May 2019 15:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.9	20.9	31.3
88	17.3	14.3	21.5





#34

2-Butanone

Concen: 12.445 ppbv

RT: 5.32 min Scan# 741

Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-25

Tot Ion: 43 Resp: 1810469

Ion Ratio Lower Upper

43 100

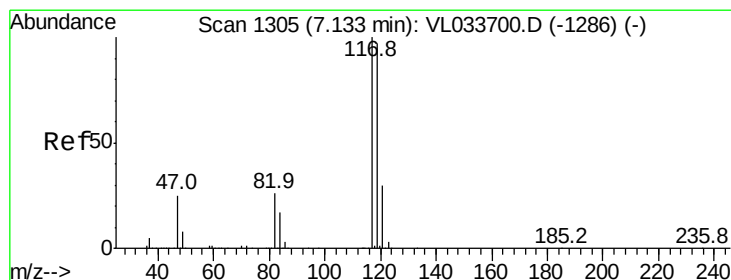
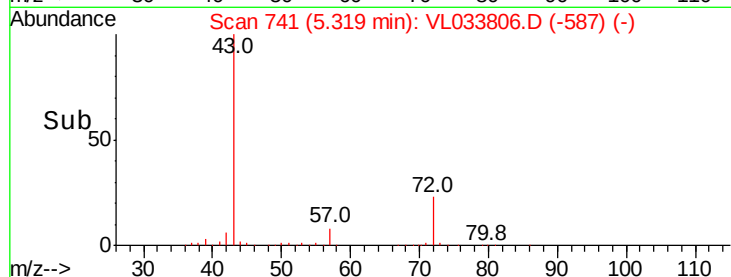
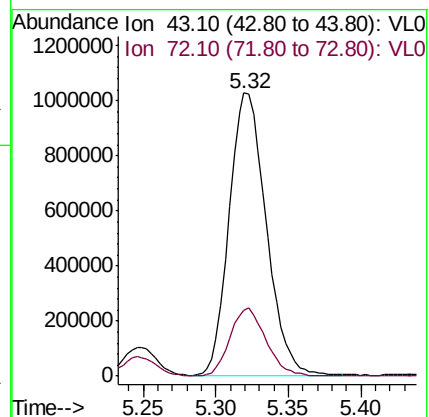
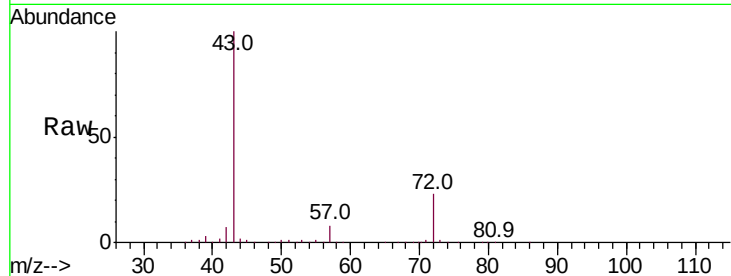
72 23.5 17.8 26.6

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#35

Carbon Tetrachloride

Concen: 0.027 ppbv m

RT: 7.13 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

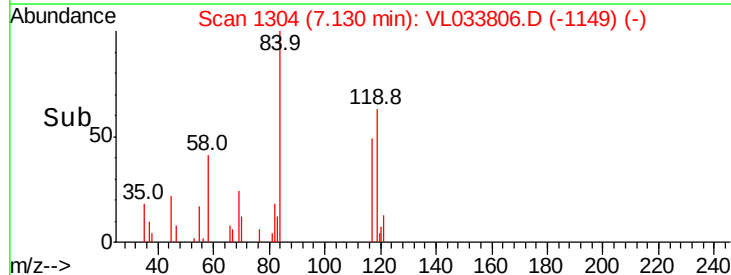
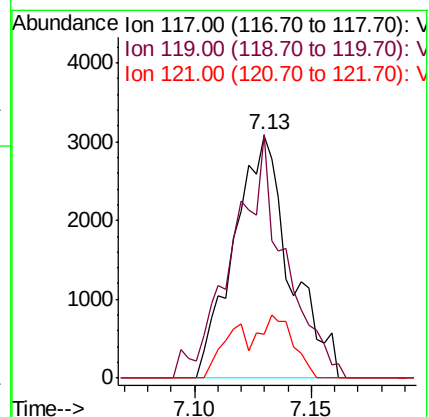
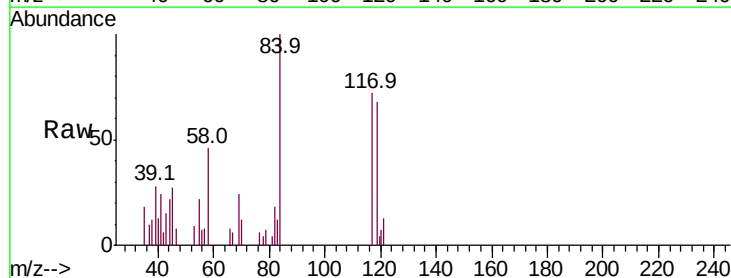
Tgt Ion: 117 Resp: 5152

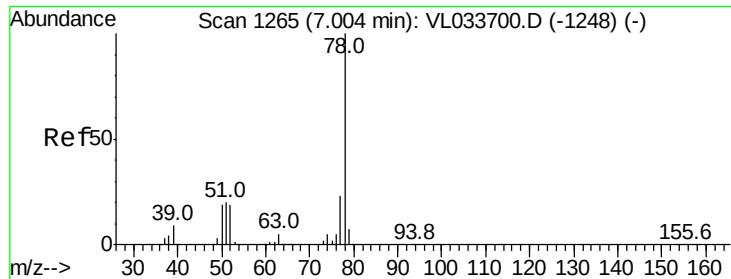
Ion Ratio Lower Upper

117 100

119 94.6 77.2 115.8

121 18.2 24.1 36.1#





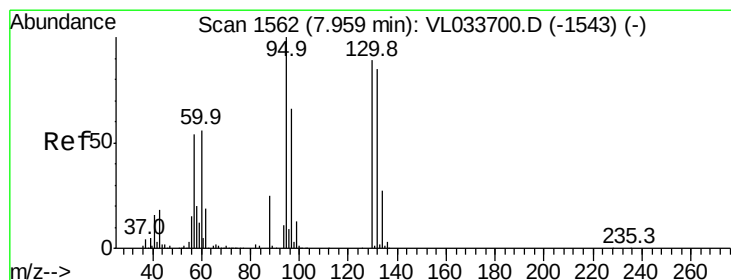
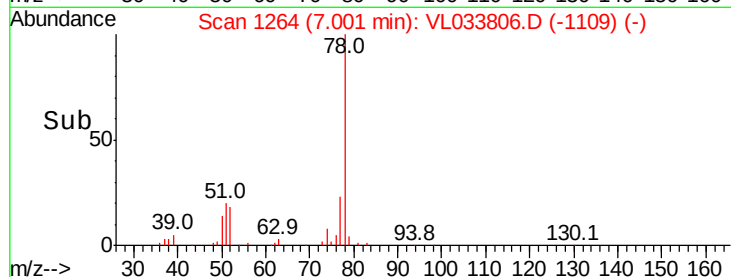
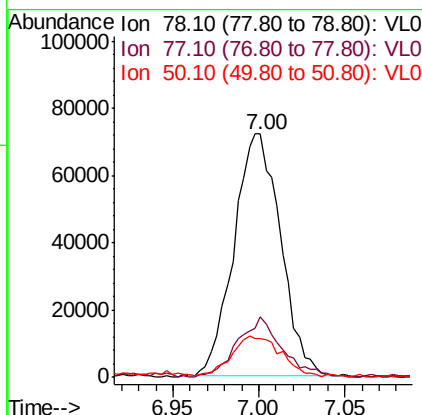
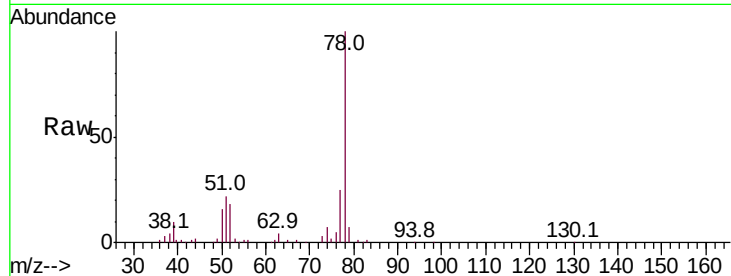
#36
Benzene
Concen: 0.638 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tot Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.4	27.6
50	15.4	15.5	23.3#

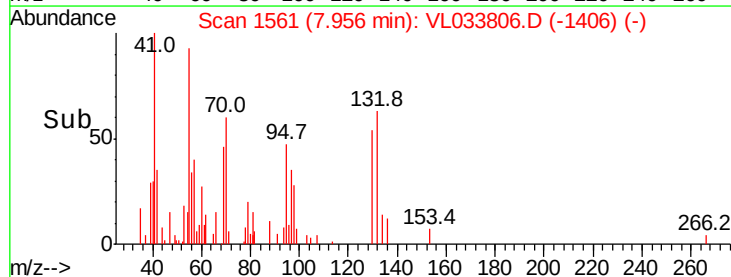
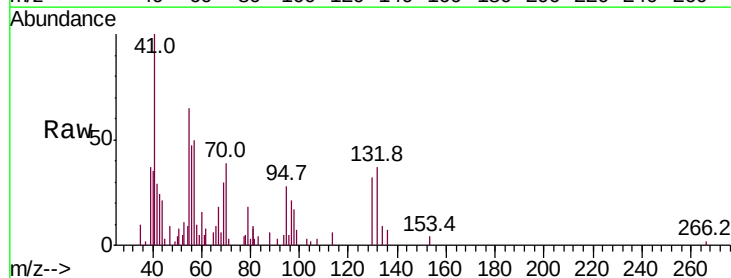
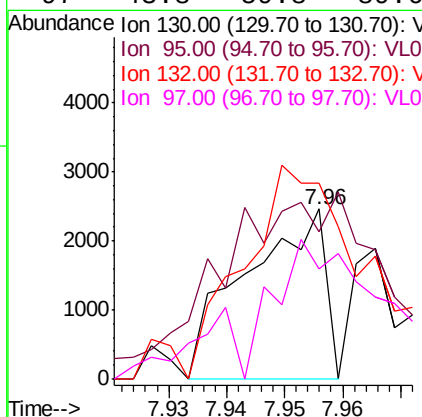
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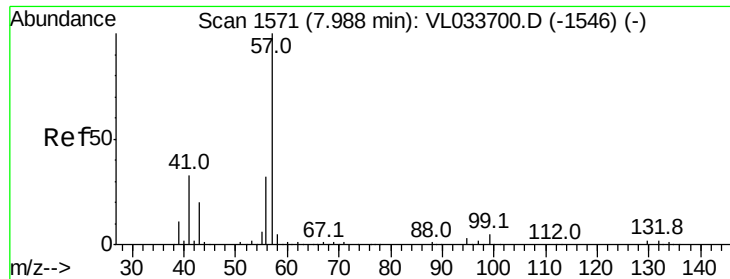
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#38
Trichloroethene
Concen: 0.030 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	52.6	90.2	135.4#
132	115.5	76.4	114.6#
97	43.8	59.8	89.6#





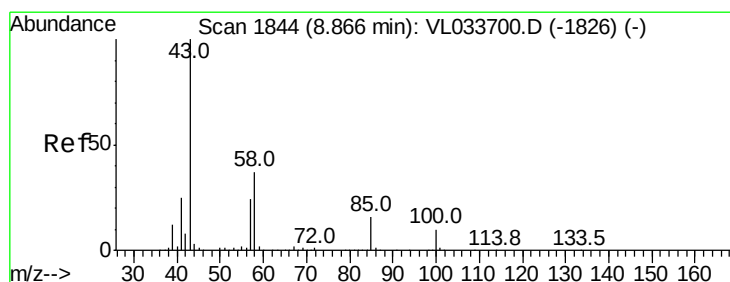
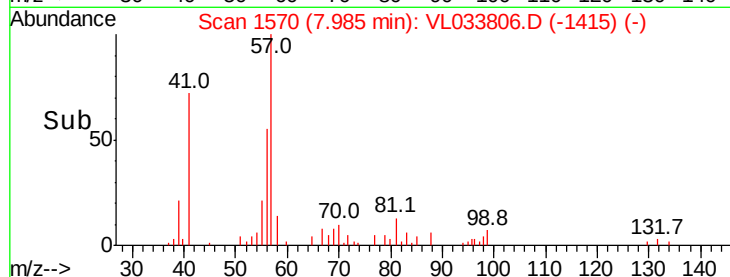
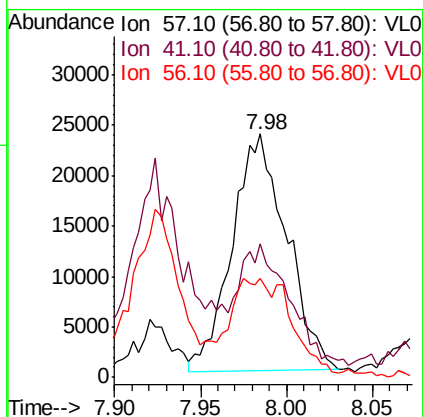
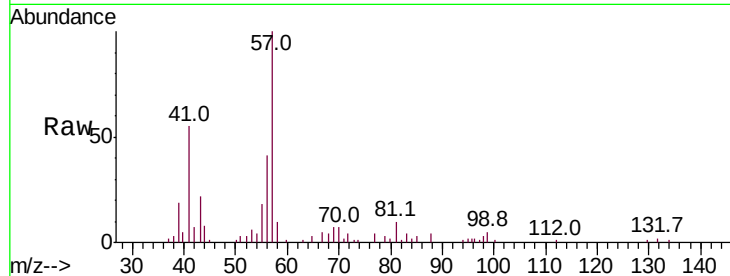
#44
 2,2,4-Trimethylpentane
 Concen: 0.144 ppbv
 RT: 7.98 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VL033806.D
 Acq: 28 May 2019 15:44

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3008-25

Tot Ion	Ratio	Lower	Upper
57	100		
41	52.4	25.4	38.0#
56	47.5	24.7	37.1#

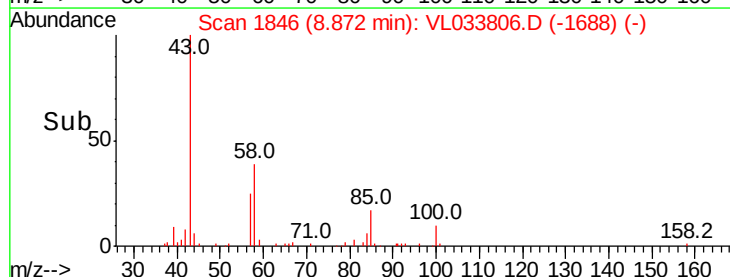
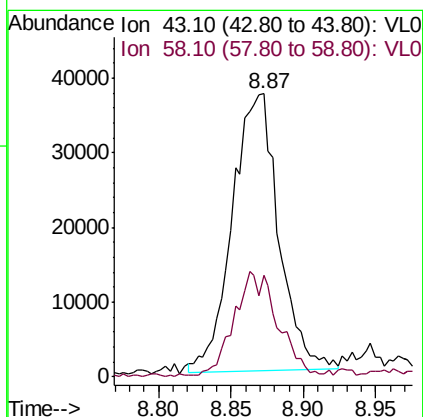
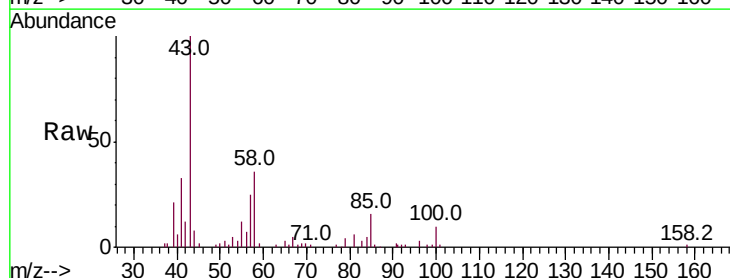
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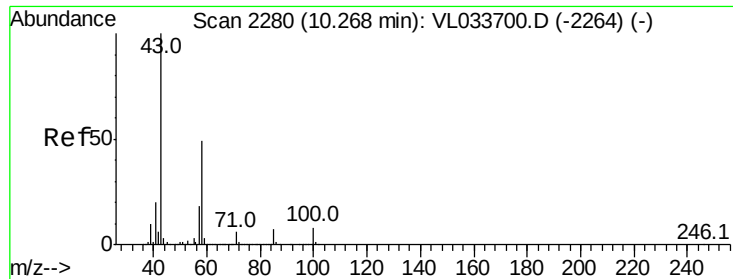
apatel
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#50
 4-Methyl-2-Pentanone
 Concen: 0.371 ppbv
 RT: 8.87 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: VL033806.D
 Acq: 28 May 2019 15:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.6	43.0





#51

2-Hexanone

Concen: 1.754 ppbv

RT: 10.26 min Scan# 2277

Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

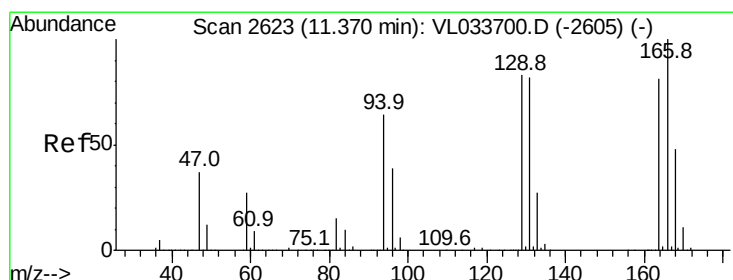
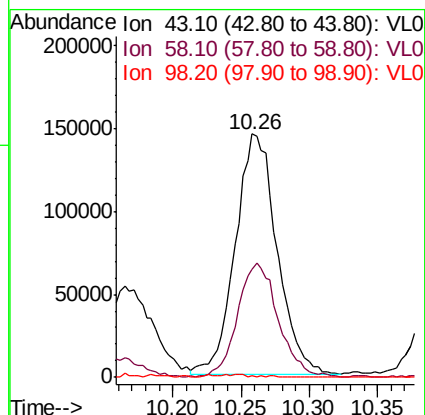
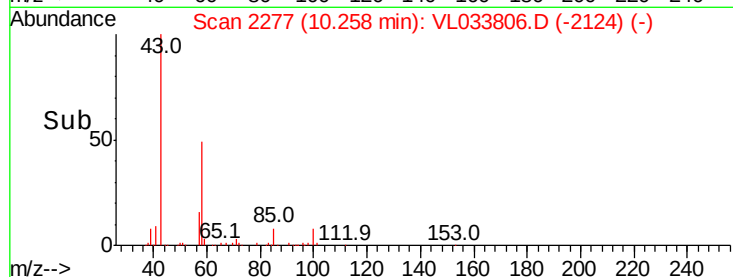
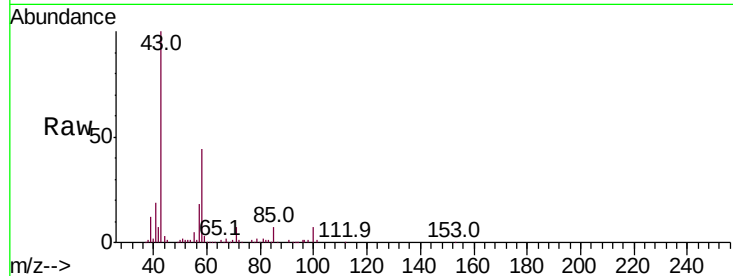
ClientSampleId :

BPS1-SG-3008-25

Tot Ion	43	Resp	306276
Ion Ratio	100	Lower	Upper
43	100		
58	46.4	38.7	58.1
98	1.3	0.2	0.4

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#52

Tetrachloroethene

Concen: 0.412 ppbv m

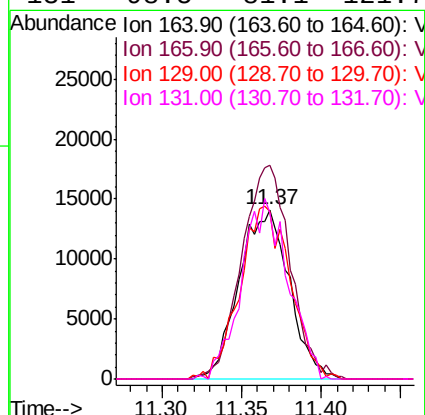
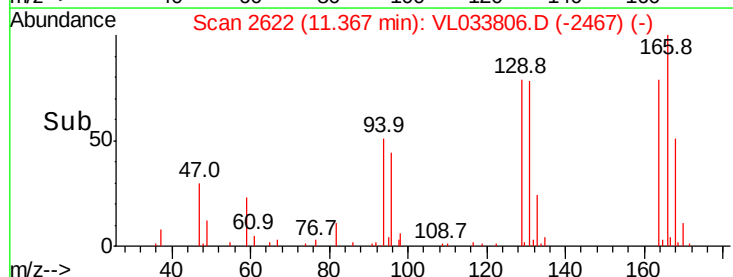
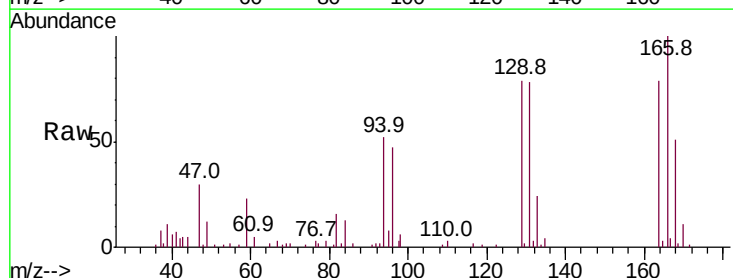
RT: 11.37 min Scan# 2622

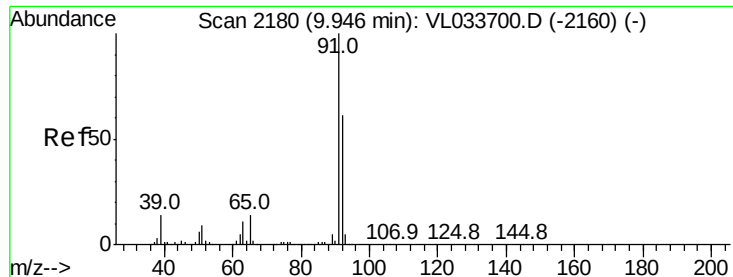
Delta R.T. -0.00 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Tgt Ion	164	Resp	30925
Ion Ratio	100	Lower	Upper
164	100		
166	126.3	98.9	148.3
129	99.3	81.8	122.6
131	98.5	81.1	121.7





#53

Toluene

Concen: 6.126 ppbv

RT: 9.94 min Scan# 2177

Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-25

Tot Ion: 91 Resp: 1410565

Ion Ratio Lower Upper

91 100

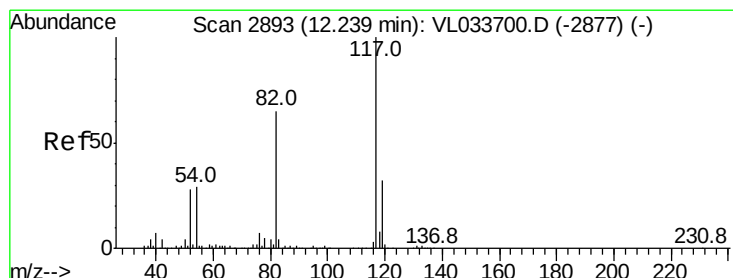
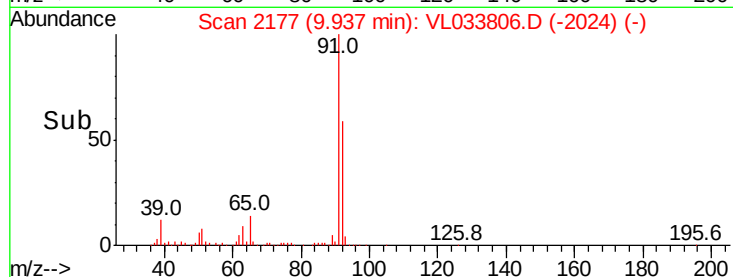
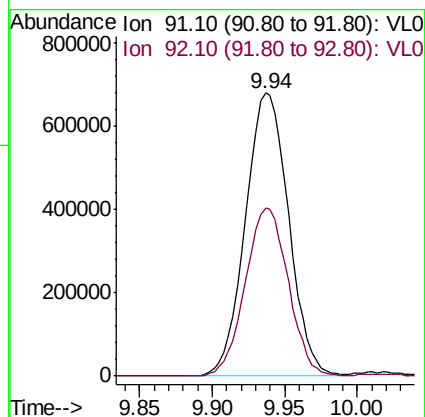
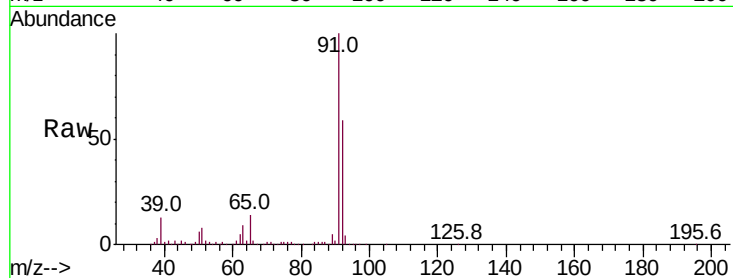
92 59.3 47.6 71.4

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.23 min Scan# 2890

Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

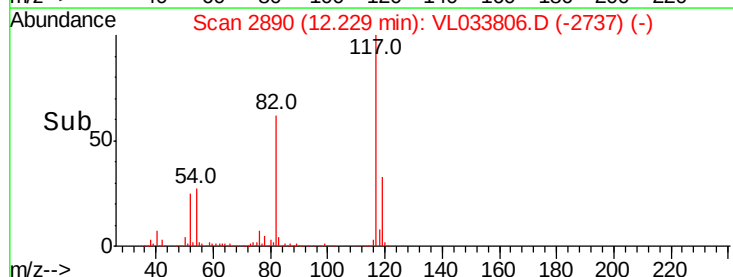
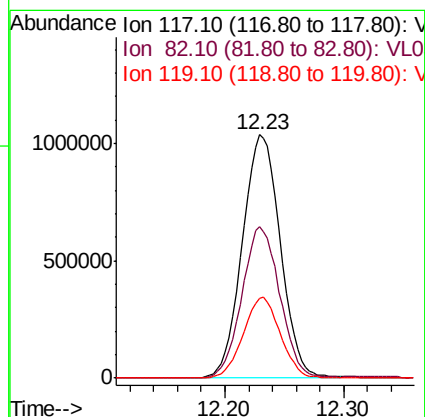
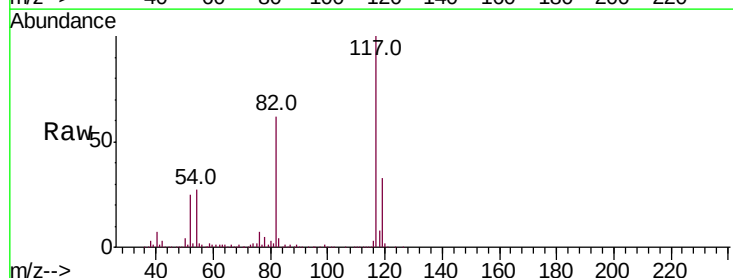
Tgt Ion: 117 Resp: 2298783

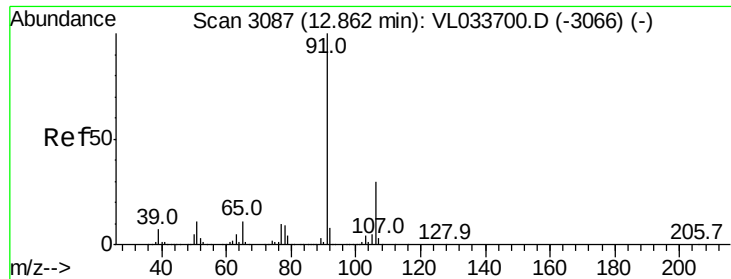
Ion Ratio Lower Upper

117 100

82 62.2 49.4 74.0

119 32.7 24.9 37.3





#58

Ethyl Benzene

Concen: 1.184 ppbv

RT: 12.86 min Scan# 3085

Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-25

Tot Ion: 91 Resp: 360553

Ion Ratio Lower Upper

91 100

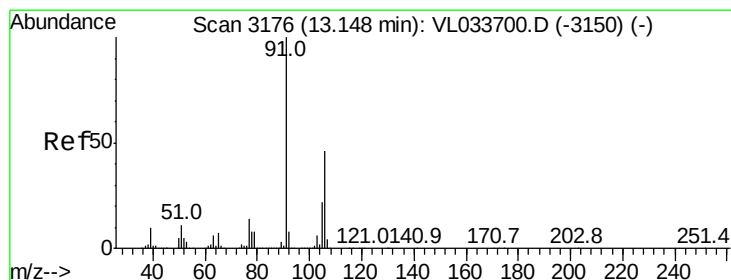
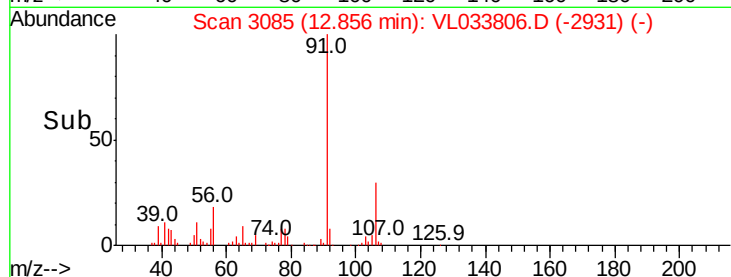
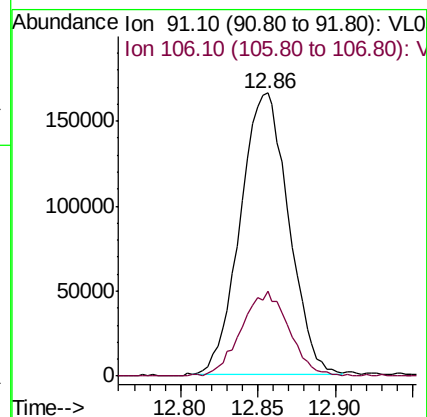
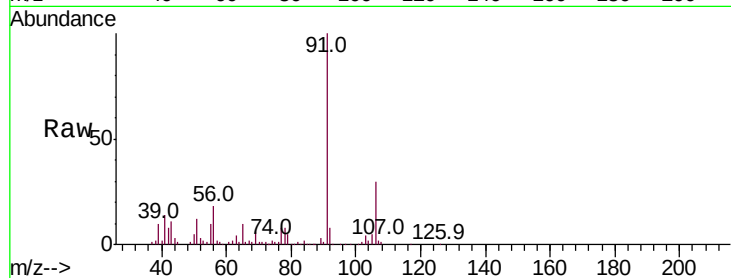
106 29.8 23.9 35.9

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#59

m/p-Xylene

Concen: 4.499 ppbv

RT: 13.11 min Scan# 3164

Delta R.T. -0.04 min

Lab File: VL033806.D

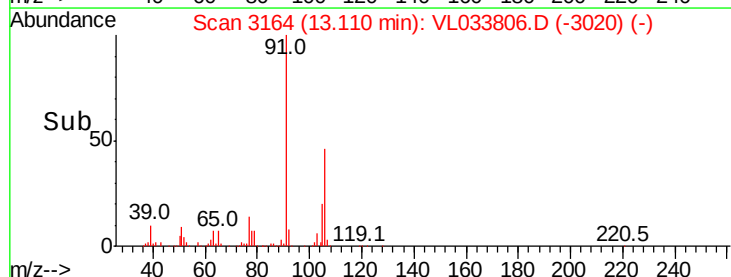
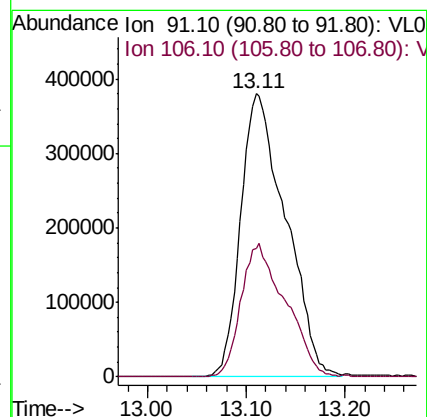
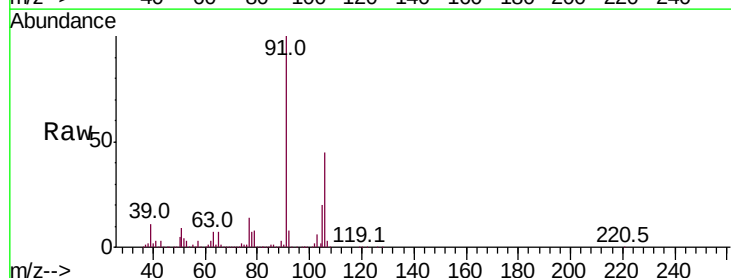
Acq: 28 May 2019 15:44

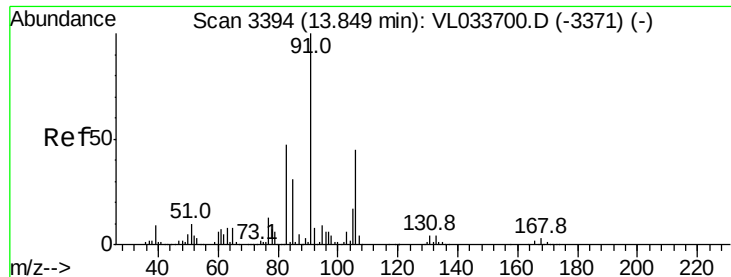
Tgt Ion: 91 Resp: 1197228

Ion Ratio Lower Upper

91 100

106 47.0 35.8 53.6





#60

o-Xylene

Concen: 1.563 ppbv

RT: 13.84 min Scan# 3391

Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-25

Tot Ion: 91 Resp: 419286

Ion Ratio Lower Upper

91 100

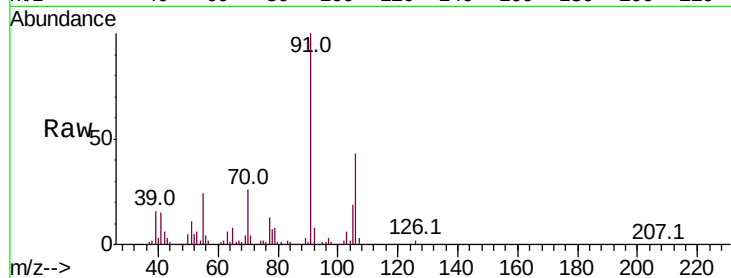
106 44.3 21.6 64.8

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.84

200000

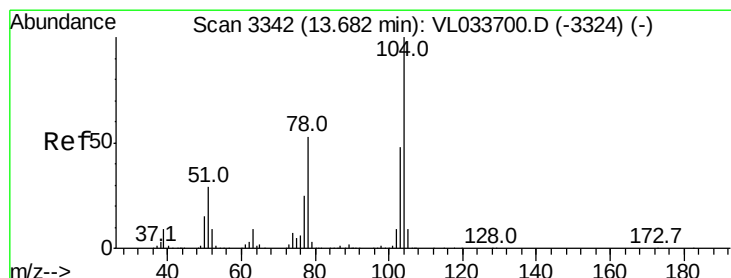
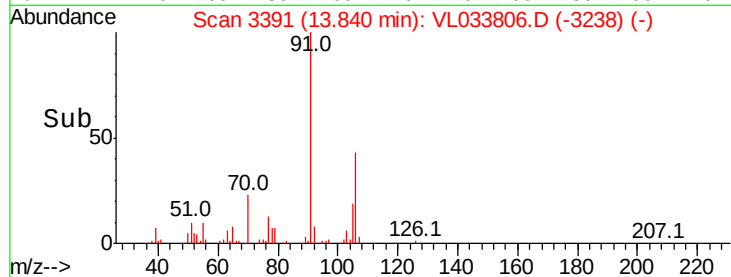
150000

100000

50000

0

Time-->



#61

Styrene

Concen: 0.107 ppbv

RT: 13.68 min Scan# 3340

Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

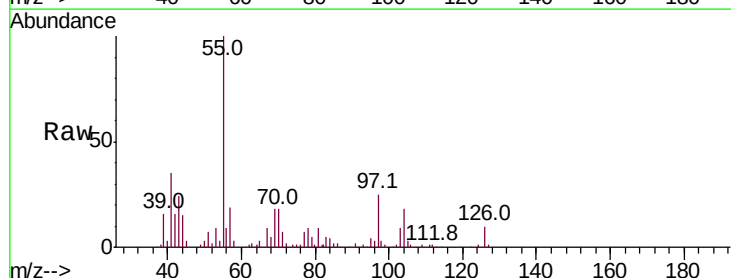
Tgt Ion: 104 Resp: 19352

Ion Ratio Lower Upper

104 100

78 71.3 42.6 64.0#

103 52.9 37.8 56.6



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V

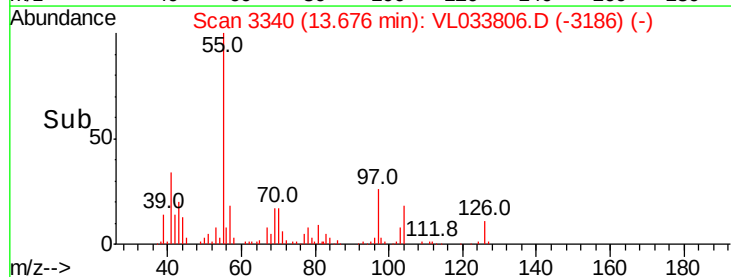
13.68

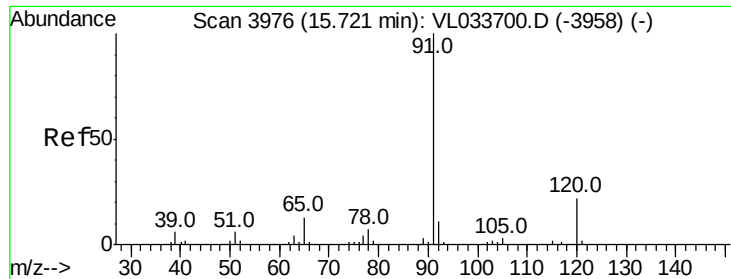
10000

5000

0

Time-->





#64

n-propylbenzene

Concen: 0.350 ppbv m

RT: 15.72 min Scan# 3976

Delta R.T. 0.00 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-25

Tot Ion:120 Resp: 32682

Ion Ratio Lower Upper

120 100

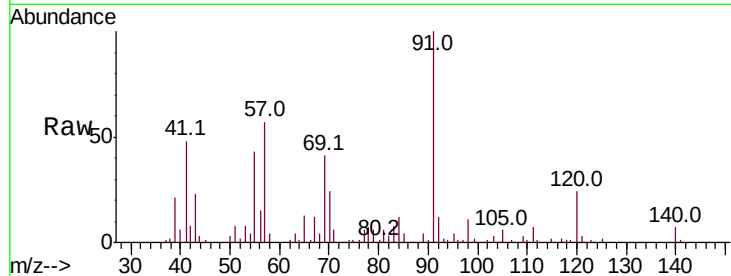
91 538.3 379.1 568.7

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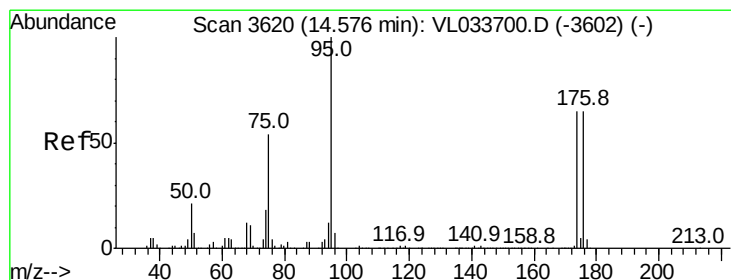
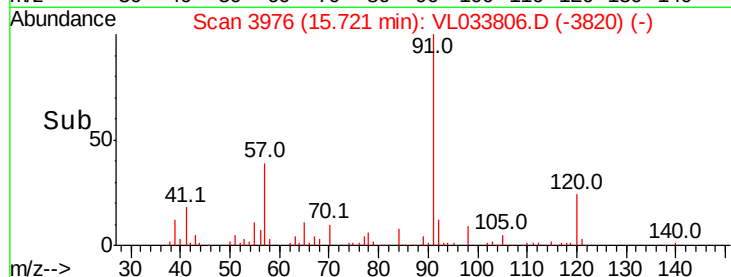
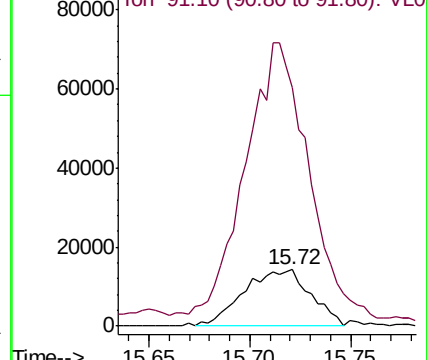
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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.787 ppbv

RT: 14.57 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

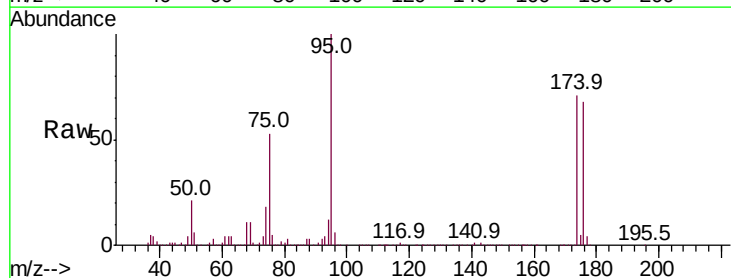
Tgt Ion: 95 Resp: 1823828

Ion Ratio Lower Upper

95 100

174 70.4 53.9 80.9

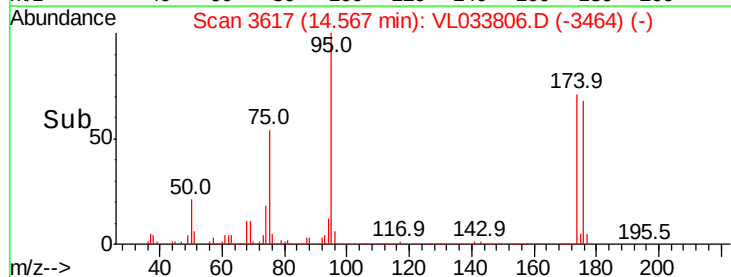
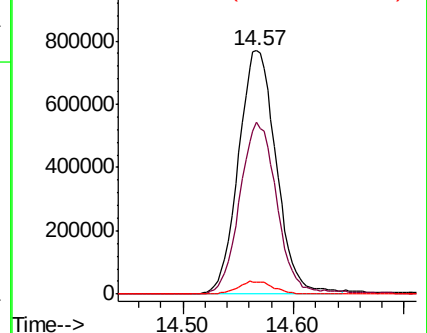
175 5.0 3.8 5.8

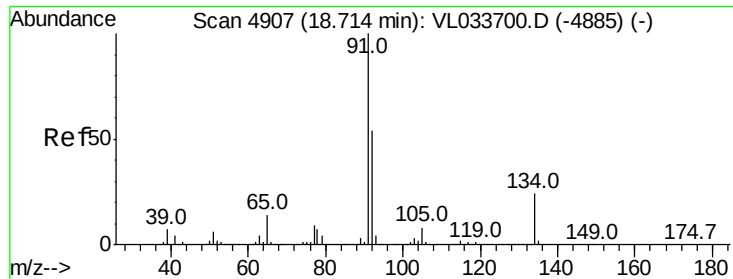


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#70

n-Butylbenzene

Concen: 0.221 ppbv

RT: 18.73 min Scan# 4912

Delta R.T. 0.02 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

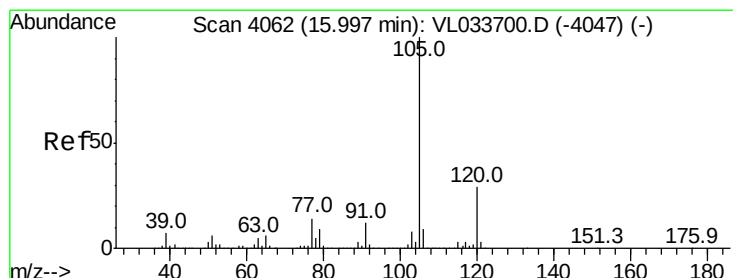
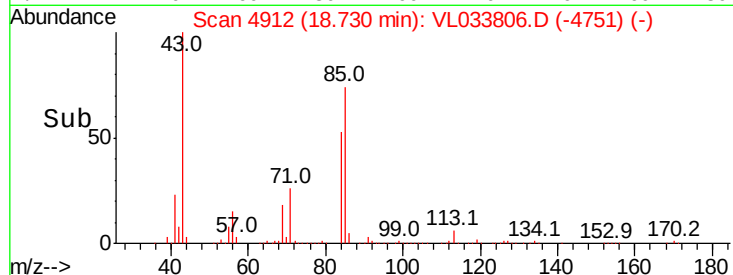
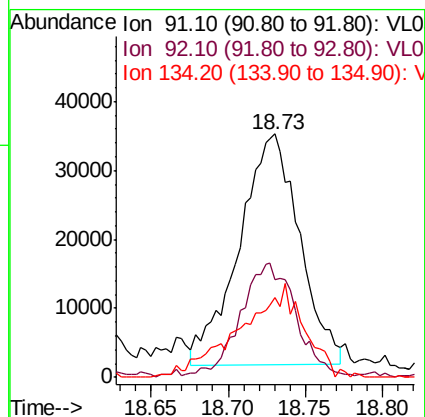
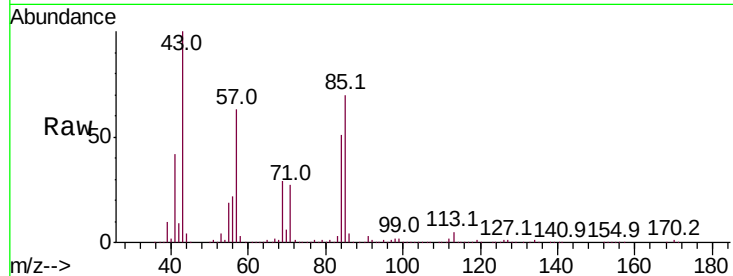
ClientSampleId :

BPS1-SG-3008-25

Tot Ion:	91	Resp:	90614
Ion Ratio	Lower	Upper	
91	100		
92	47.0	42.6	63.8
134	42.9	18.1	27.1#

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#72

4-Ethyltoluene

Concen: 0.579 ppbv

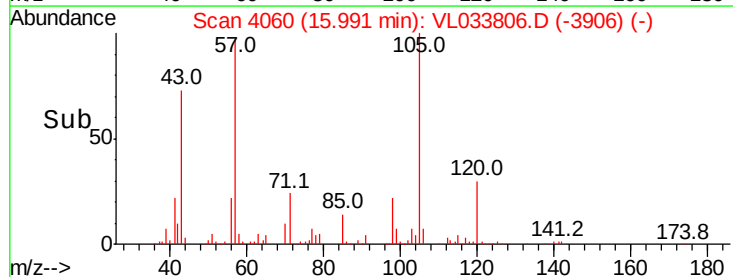
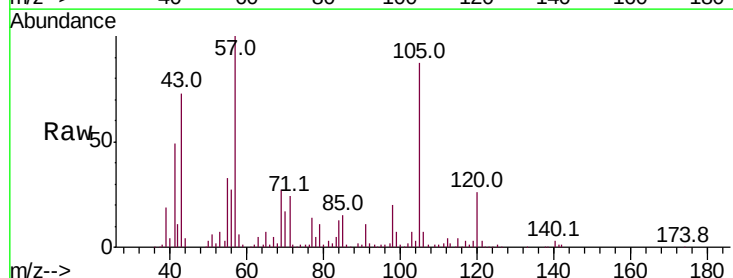
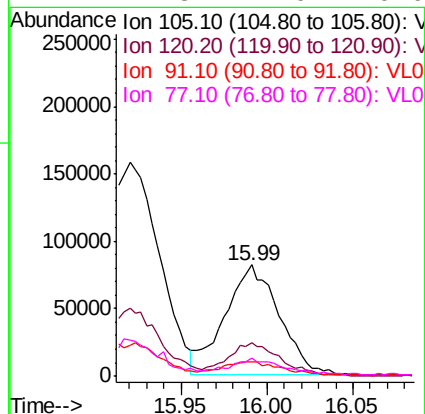
RT: 15.99 min Scan# 4060

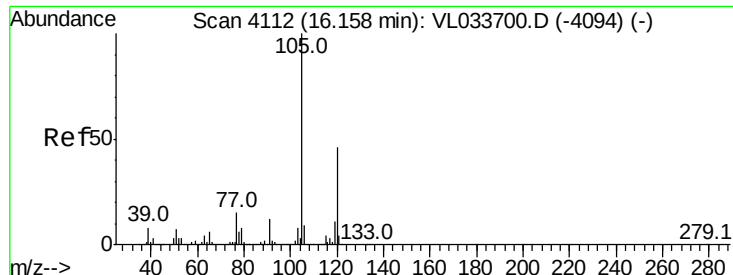
Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Tgt Ion:	105	Resp:	177571
Ion Ratio	Lower	Upper	
105	100		
120	30.3	23.1	34.7
91	11.9	10.4	15.6
77	14.3	11.0	16.6





#73

1,3,5-Trimethylbenzene

Concen: 0.429 ppbv m

RT: 16.15 min Scan# 4110

Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-25

Tot Ion:105 Resp: 128518

Ion Ratio Lower Upper

105 100

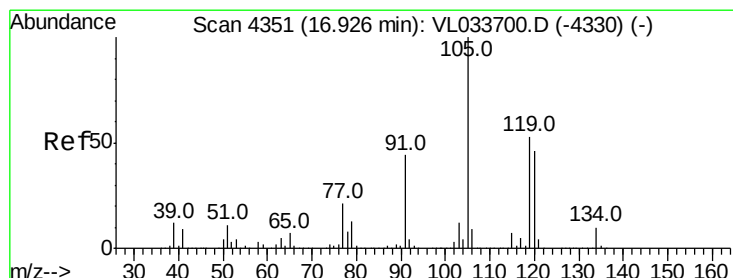
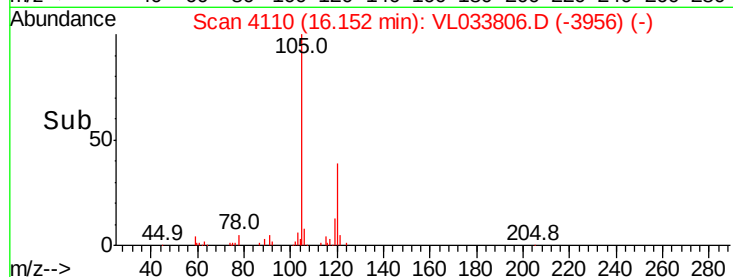
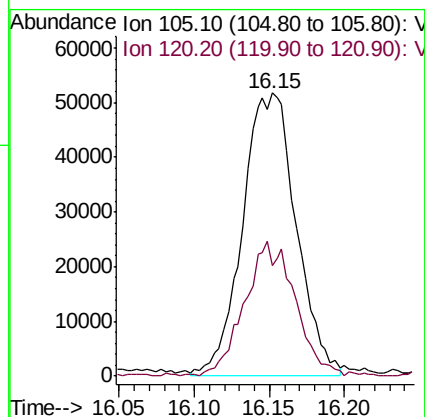
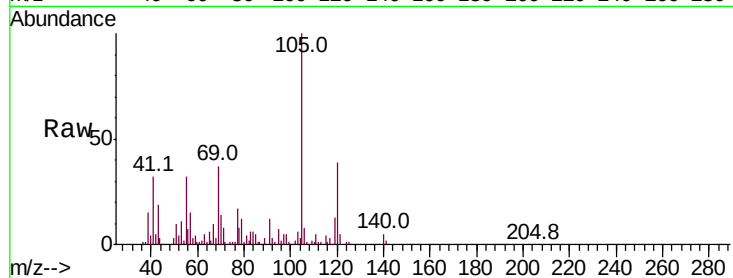
120 38.9 37.0 55.4

Manual Integrations

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#74

1,2,4-Trimethylbenzene

Concen: 1.421 ppbv

RT: 16.92 min Scan# 4349

Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Tgt Ion:105 Resp: 462691

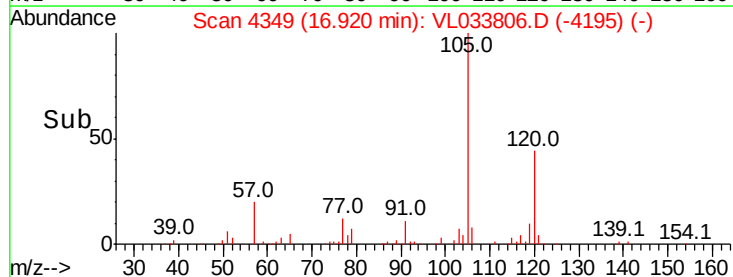
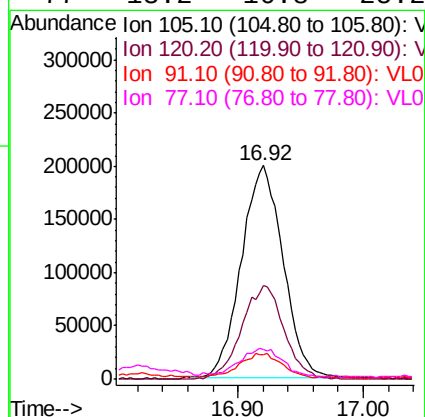
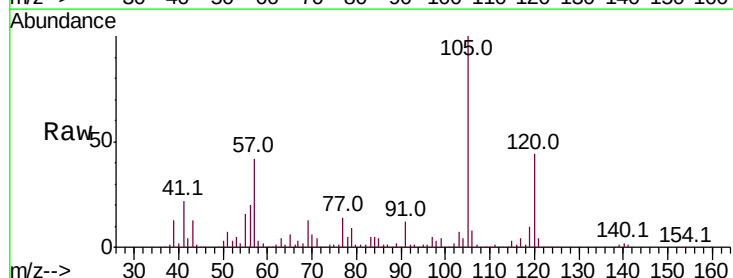
Ion Ratio Lower Upper

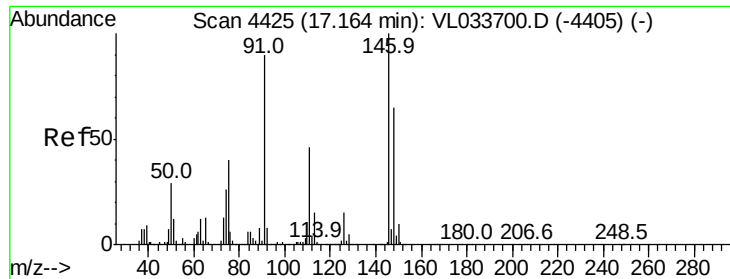
105 100

120 48.1 36.8 55.2

91 11.0 35.4 53.0#

77 13.2 16.8 25.2#





#75

1,3-Dichlorobenzene

Concen: 0.344 ppbv m

RT: 17.15 min Scan# 4421

Delta R.T. -0.01 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Instrument :

MSVOA_L

ClientSampleId :

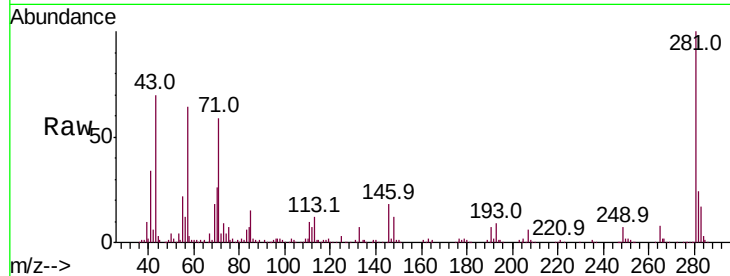
BPS1-SG-3008-25

Tot Ion:	146	Resp:	68659
Ion Ratio	Lower	Upper	
146	100		
111	72.0	22.9	68.8#
148	70.9	32.0	96.2

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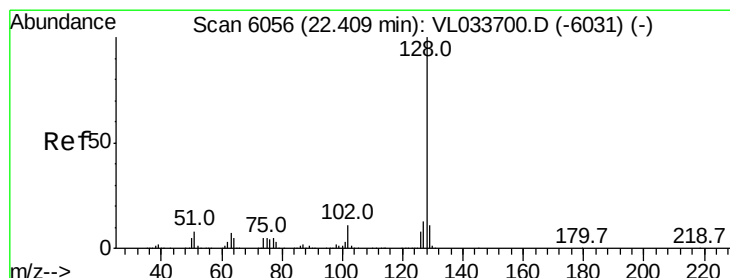
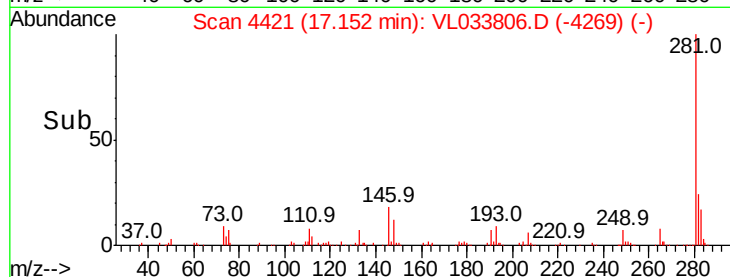
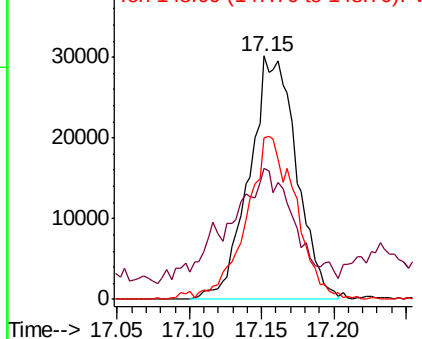


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#79

Naphthalene

Concen: 0.191 ppbv m

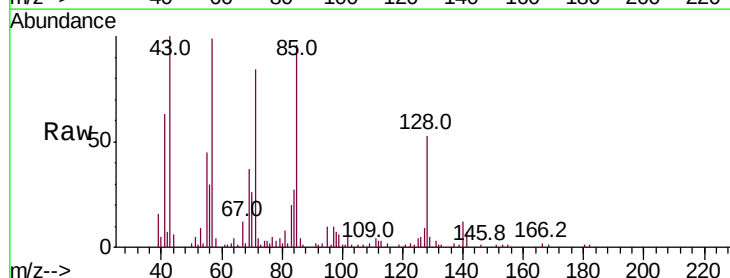
RT: 22.41 min Scan# 6056

Delta R.T. 0.00 min

Lab File: VL033806.D

Acq: 28 May 2019 15:44

Tgt Ion:	128	Resp:	57852
Ion Ratio	Lower	Upper	
128	100		
127	17.1	10.6	16.0#
129	8.9	8.9	13.3



Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

