

Data File : VL033745.D
Acq On : 22 May 2019 15:30
Operator : SY/AP
Sample : K2926-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BP-VPB202-AIR-DW-20190515

Quant Time: May 23 04:21:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 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	5.75	49	865792	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1997921	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	2117015	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1647357	9.60	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.00%

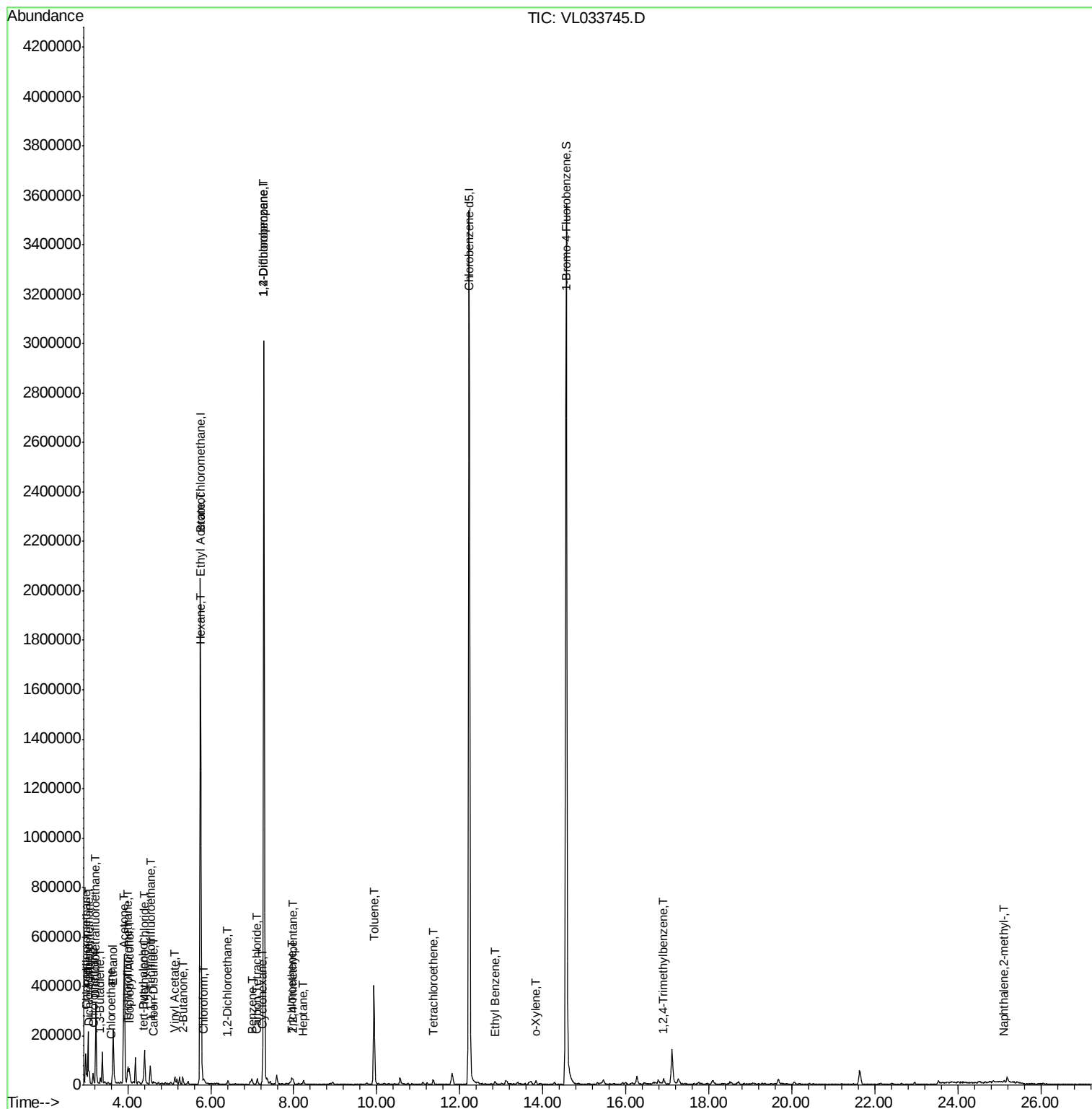
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.07	85	33983	0.186	ppbv	92
3) Chlorodifluoromethane	2.99	51	96194	0.970	ppbv #	71
4) Chloromethane	3.17	50	30741	0.542	ppbv	92
7) Chloroethane	3.59	64	249	0.012	ppbv #	41
8) Dichlorotetrafluoroethane	3.21	85	2739	0.019	ppbv	95
9) Propene	3.04	41	41869	0.993	ppbv #	77
10) Heptane	8.23	43	1419	0.012	ppbv #	1
11) Trichlorofluoromethane	4.00	101	43997	0.253	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.55	101	25380	0.209	ppbv	100
13) Ethanol	3.64	45	239702	17.581	ppbv	98
15) Acetone	3.90	43	227173	1.891	ppbv #	82
16) 1,3-Butadiene	3.34	39	6248	0.131	ppbv #	40
17) tert-Butyl alcohol	4.37	59	3498	0.036	ppbv #	72
19) Isopropyl Alcohol	4.03	45	57870	0.747	ppbv #	85
20) Methylene Chloride	4.40	84	46197	0.999	ppbv	96
23) Vinyl Acetate	5.14	43	5932	0.037	ppbv #	43
25) Ethyl Acetate	5.77	43	55248	0.262	ppbv #	91
26) Hexane	5.77	57	46113	0.508	ppbv #	52
27) Carbon Disulfide	4.61	76	1274	0.010	ppbv #	1
29) Chloroform	5.84	83	4468	0.027	ppbv #	69
30) Cyclohexane	7.24	84	1016	0.013	ppbv #	1
34) 2-Butanone	5.33	43	28883	0.233	ppbv	100
35) Carbon Tetrachloride	7.11	117	5126	0.032	ppbv	95
36) Benzene	7.00	78	5392	0.030	ppbv #	69
37) 1,2-Dichloroethane	6.39	62	1616	0.014	ppbv #	83
38) Trichloroethene	7.95	130	5460	0.081	ppbv #	70
39) 1,2-Dichloropropane	7.28	63	529564	7.815	ppbv #	23
44) 2,2,4-Trimethylpentane	7.98	57	4115	0.013	ppbv #	1
52) Tetrachloroethene	11.36	164	2269	0.036	ppbv #	59
53) Toluene	9.93	91	280352	1.430	ppbv	98
58) Ethyl Benzene	12.86	91	4094	0.015	ppbv	98
60) o-Xylene	13.84	91	5551	0.022	ppbv	82
74) 1,2,4-Trimethylbenzene	16.91	105	3693	0.012	ppbv #	87
80) Naphthalene,2-methyl-	25.10	142	3501	0.033	ppbv #	83

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

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QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 875

Delta R.T. -0.01 min

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ClientSampleId :

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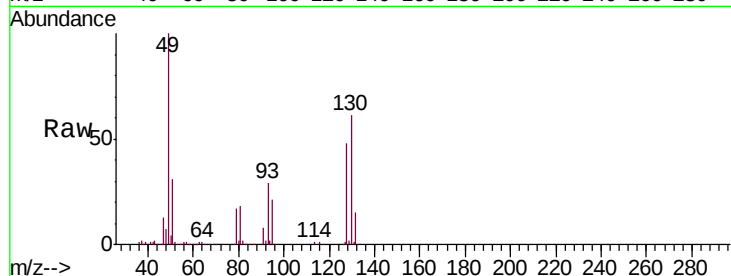
Tgt Ion: 49 Resp: 865792

Ion Ratio Lower Upper

49 100

128 50.1 25.2 75.6

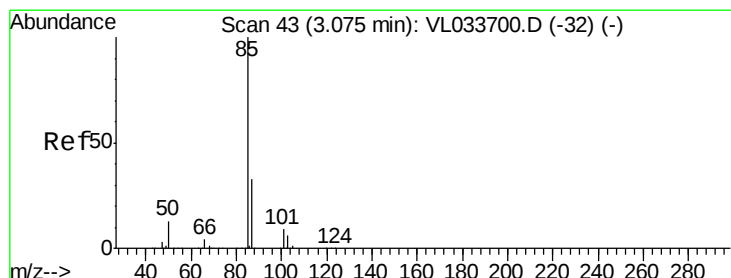
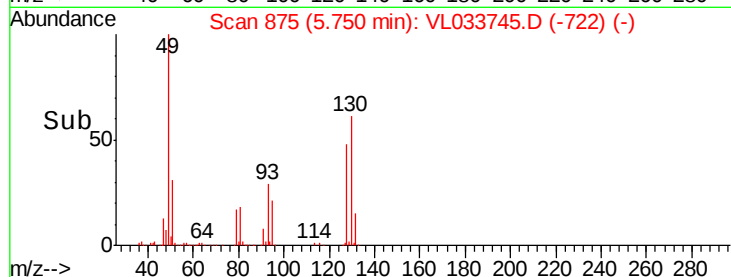
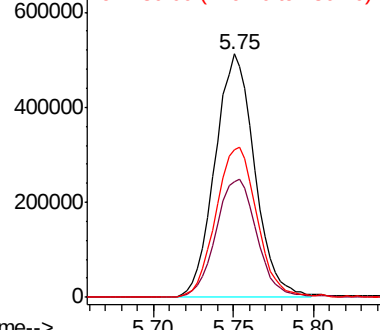
130 64.7 32.5 97.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.186 ppbv

RT: 3.07 min Scan# 42

Delta R.T. -0.00 min

Lab File: VL033745.D

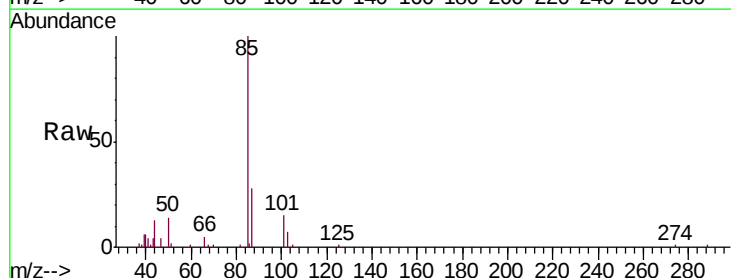
Acq: 22 May 2019 15:30

Tgt Ion: 85 Resp: 33983

Ion Ratio Lower Upper

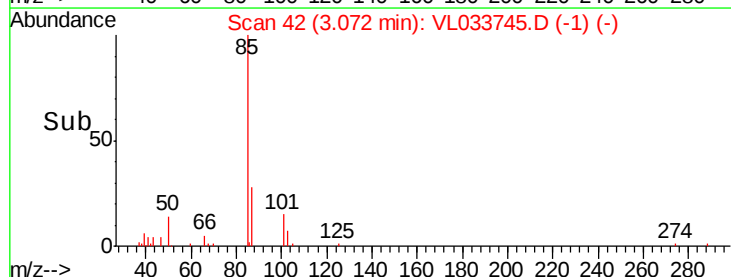
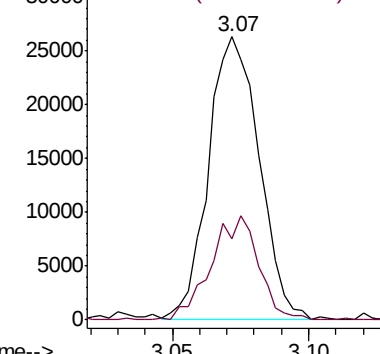
85 100

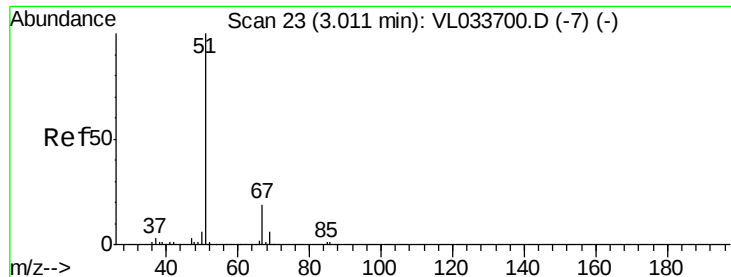
87 28.5 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.970 ppbv

RT: 2.99 min Scan# 15

Delta R.T. -0.03 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

Instrument :

MSVOA_L

ClientSampleId :

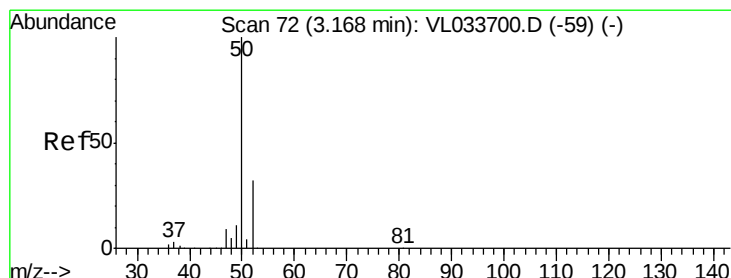
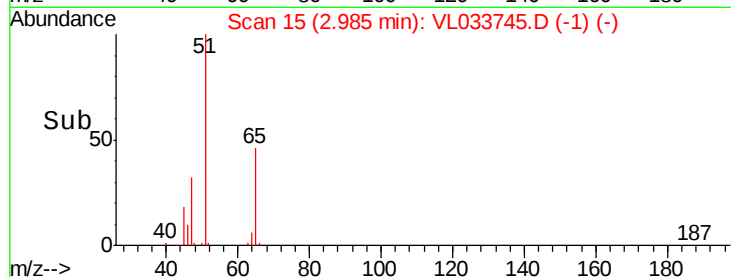
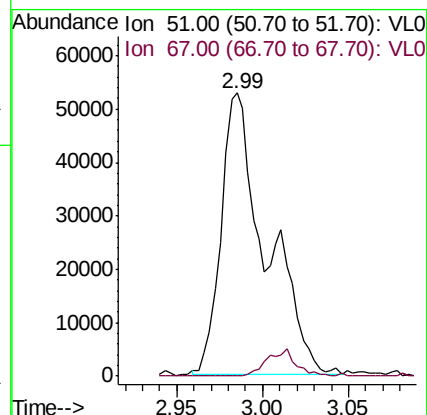
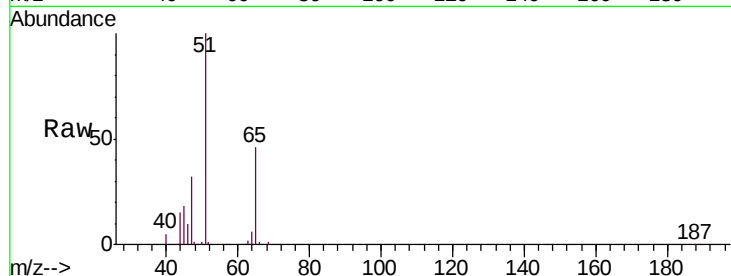
BP-VPB202-AIR-DW-20190515

Tgt Ion: 51 Resp: 96194

Ion Ratio Lower Upper

51 100

67 6.3 15.6 23.4#



#4

Chloromethane

Concen: 0.542 ppbv

RT: 3.17 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL033745.D

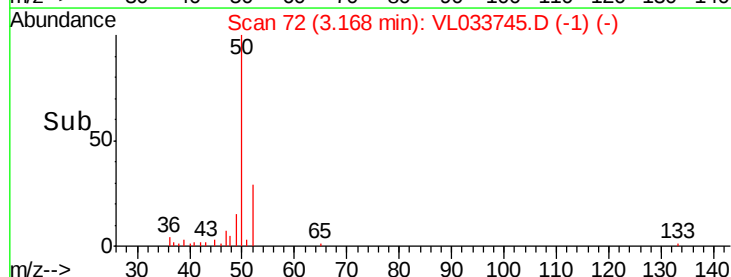
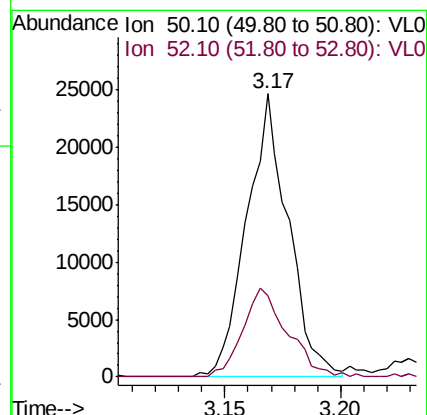
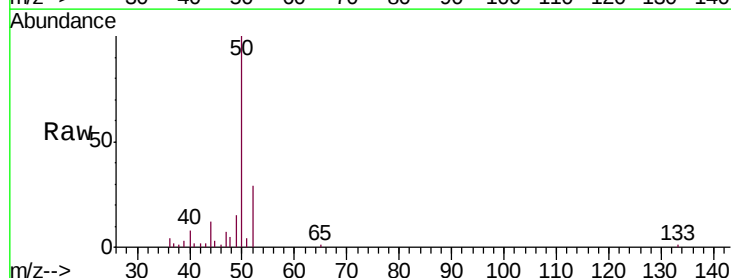
Acq: 22 May 2019 15:30

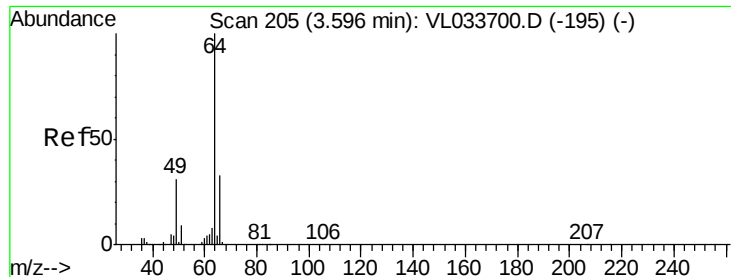
Tgt Ion: 50 Resp: 30741

Ion Ratio Lower Upper

50 100

52 27.7 25.7 38.5





#7

Chloroethane

Concen: 0.012 ppbv

RT: 3.59 min Scan# 204

Delta R.T. -0.00 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

Instrument :

MSVOA_L

ClientSampleId :

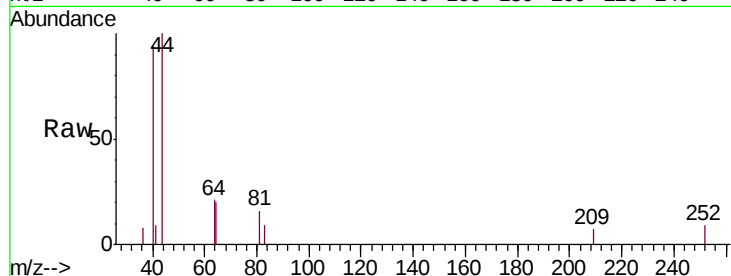
BP-VPB202-AIR-DW-20190515

Tgt Ion: 64 Resp: 249

Ion Ratio Lower Upper

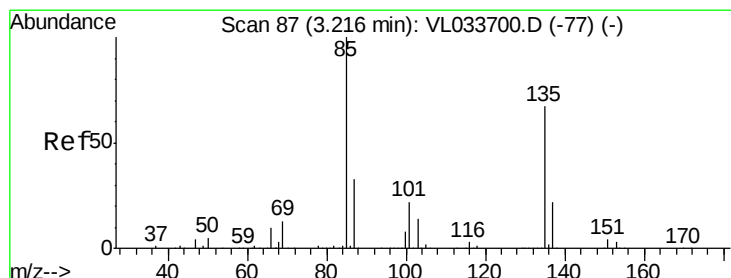
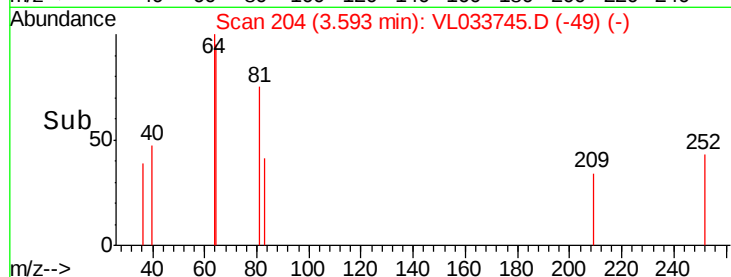
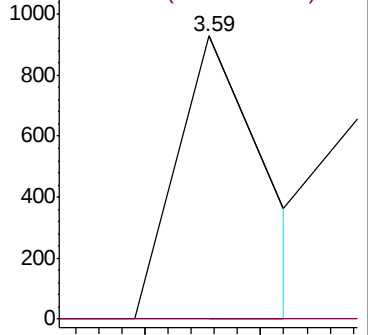
64 100

66 0.0 26.6 40.0#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.019 ppbv

RT: 3.21 min Scan# 86

Delta R.T. -0.00 min

Lab File: VL033745.D

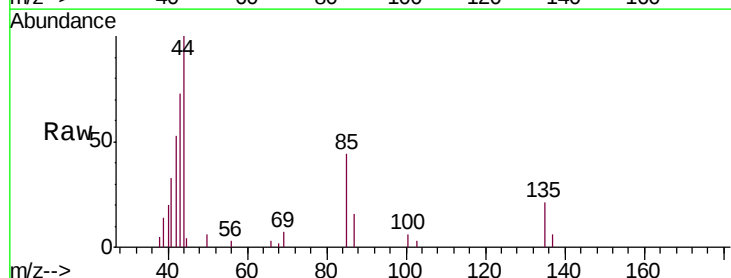
Acq: 22 May 2019 15:30

Tgt Ion: 85 Resp: 2739

Ion Ratio Lower Upper

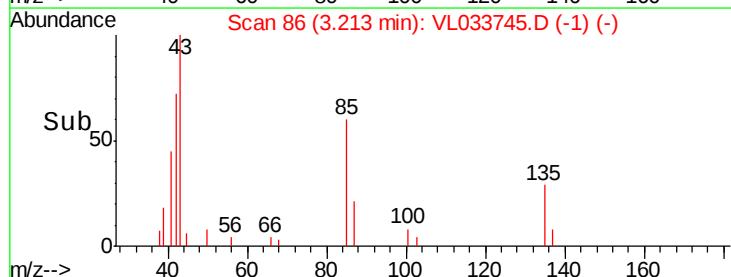
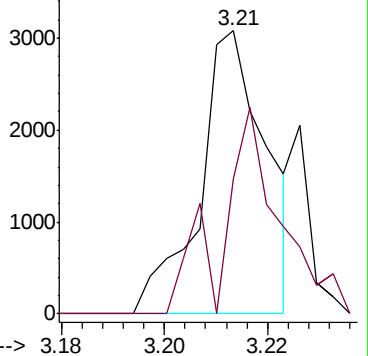
85 100

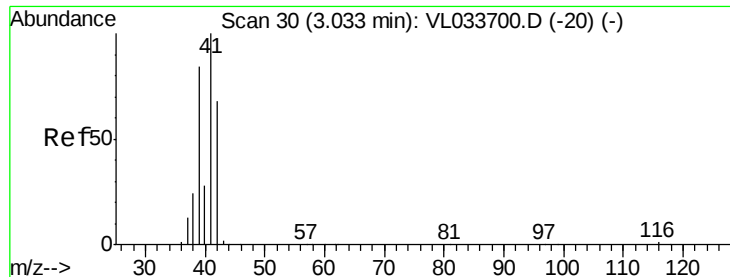
135 64.3 54.5 81.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.993 ppbv

RT: 3.04 min Scan# 33

Delta R.T. 0.01 min

Lab File: VL033745.D

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Instrument :

MSVOA_L

ClientSampleId :

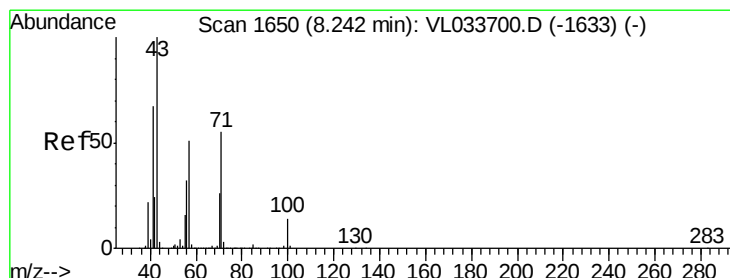
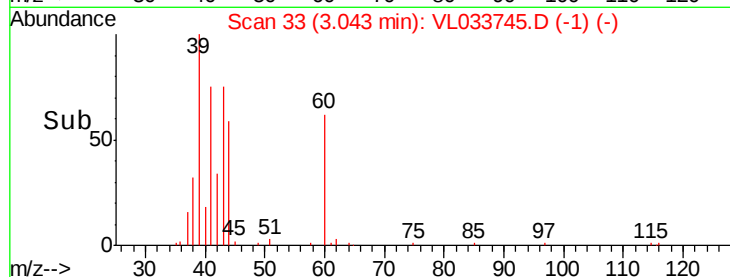
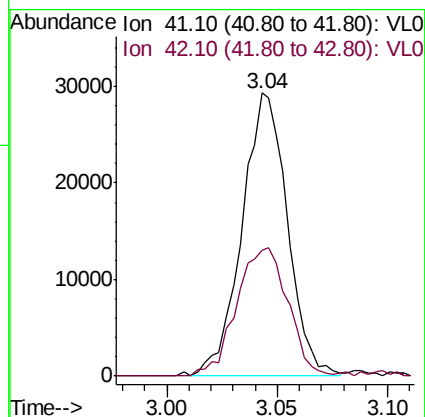
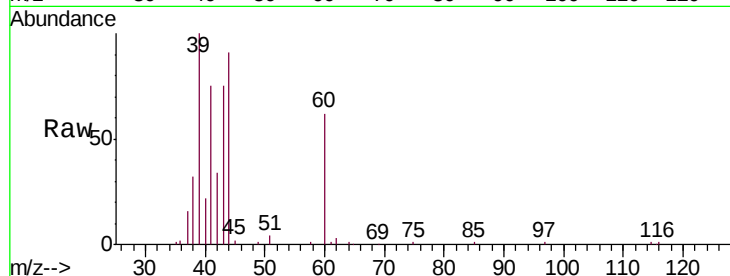
BP-VPB202-AIR-DW-20190515

Tgt Ion: 41 Resp: 41869

Ion Ratio Lower Upper

41 100

42 51.4 56.1 84.1#



#10

Heptane

Concen: 0.012 ppbv

RT: 8.23 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VL033745.D

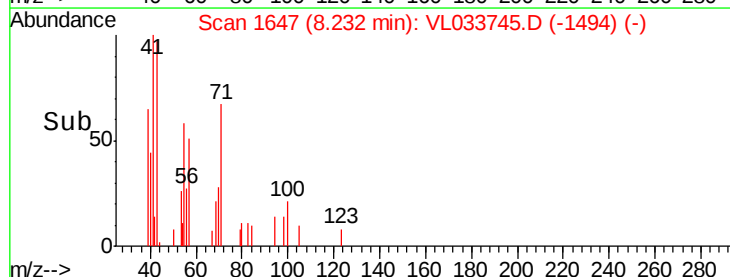
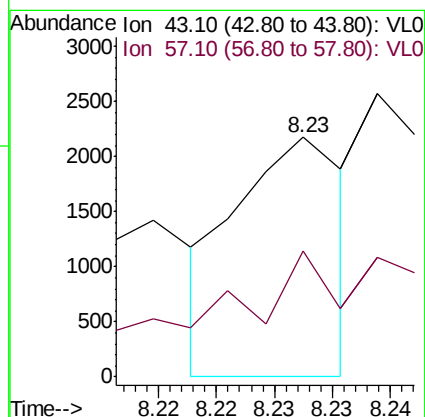
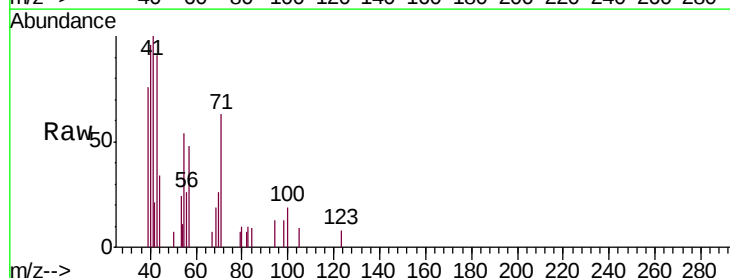
Acq: 22 May 2019 15:30

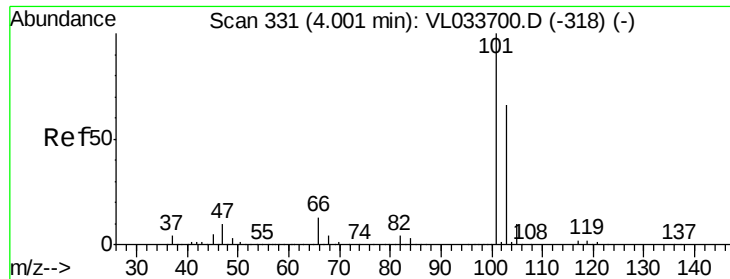
Tgt Ion: 43 Resp: 1419

Ion Ratio Lower Upper

43 100

57 138.5 41.4 62.0#

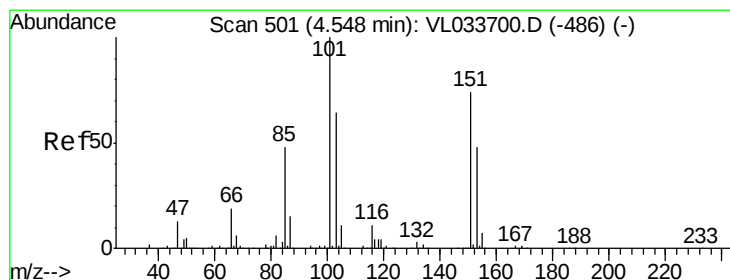
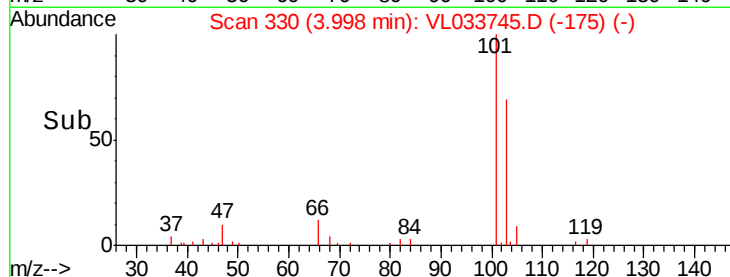
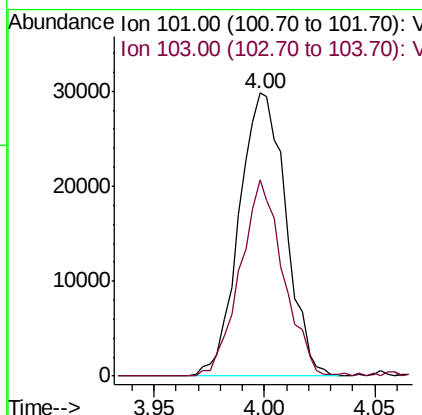
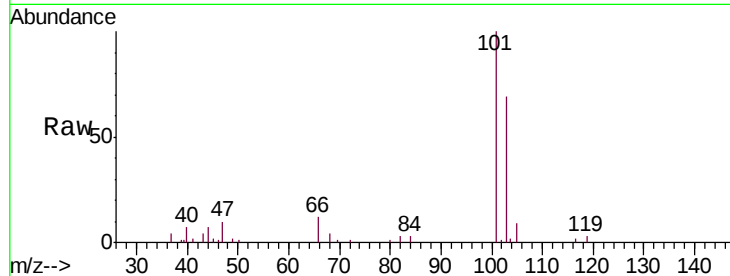




#11
 Trichlorofluoromethane
 Concen: 0.253 ppbv
 RT: 4.00 min Scan# 330
 Delta R.T. -0.00 min
 Lab File: VL033745.D
 Acq: 22 May 2019 15:30

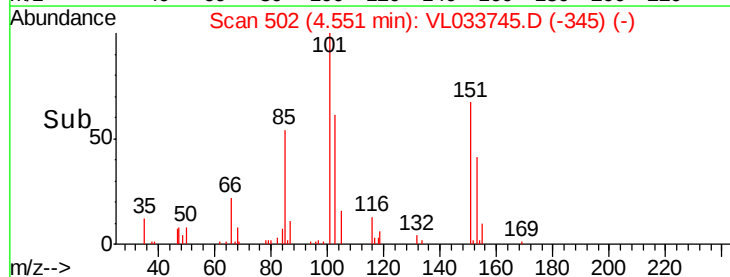
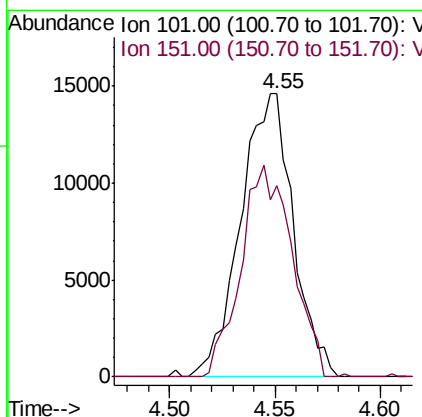
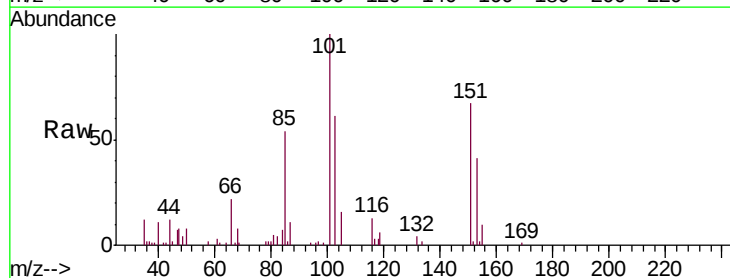
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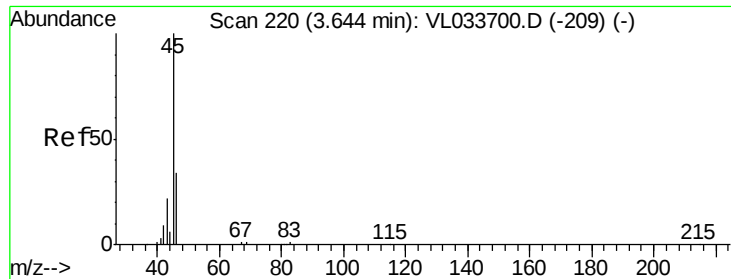
Tgt Ion:101 Resp: 43997
 Ion Ratio Lower Upper
 101 100
 103 71.2 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.209 ppbv
 RT: 4.55 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VL033745.D
 Acq: 22 May 2019 15:30

Tgt Ion:101 Resp: 25380
 Ion Ratio Lower Upper
 101 100
 151 72.7 58.2 87.4

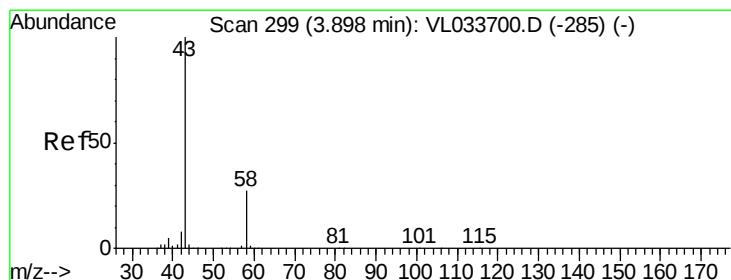
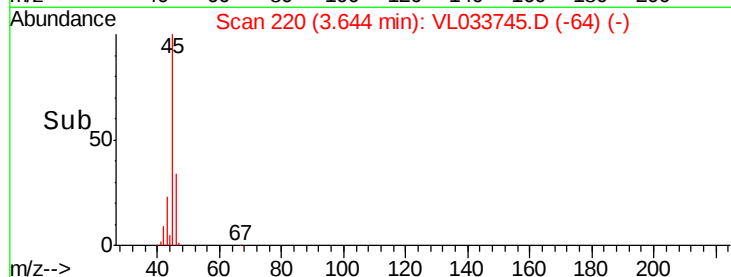
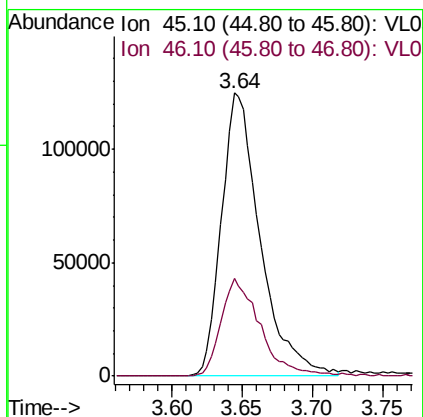
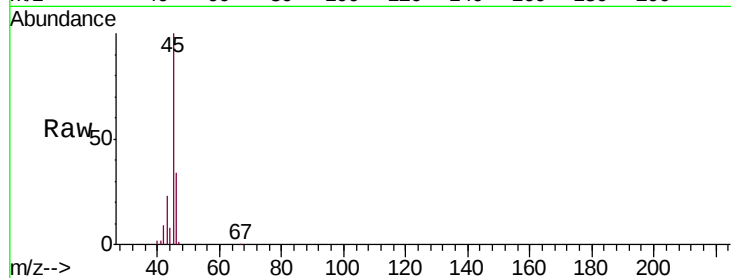




#13
Ethanol
Concen: 17.581 ppbv
RT: 3.64 min Scan# 220
Delta R.T. 0.00 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

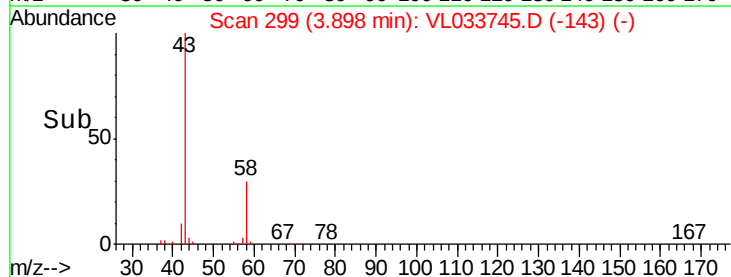
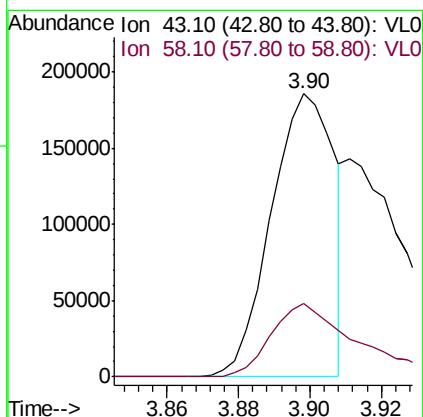
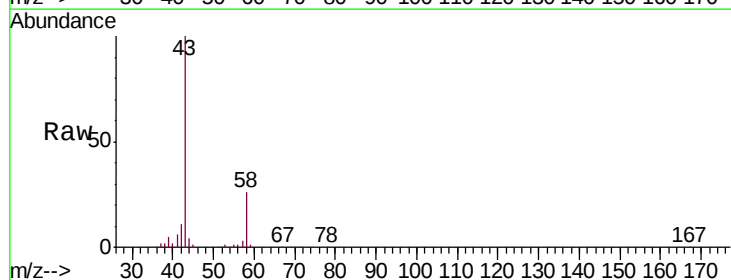
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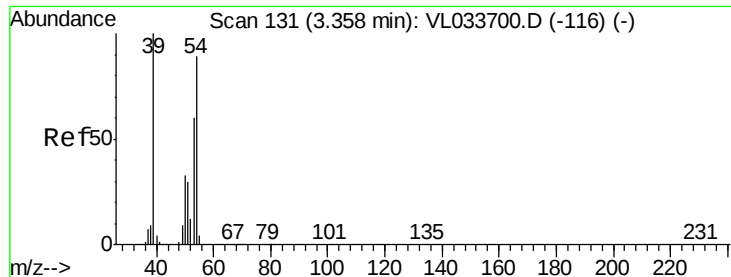
Tgt Ion: 45 Resp: 239702
Ion Ratio Lower Upper
45 100
46 35.4 14.8 59.0



#15
Acetone
Concen: 1.891 ppbv
RT: 3.90 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

Tgt Ion: 43 Resp: 227173
Ion Ratio Lower Upper
43 100
58 36.0 21.3 31.9#

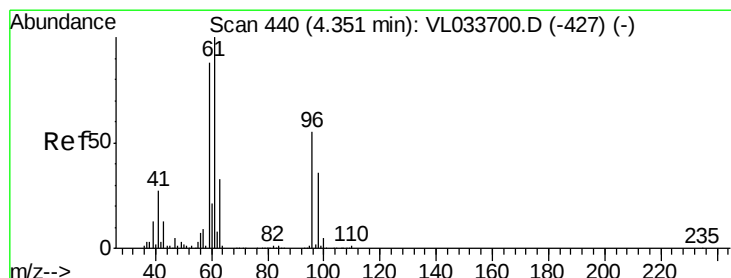
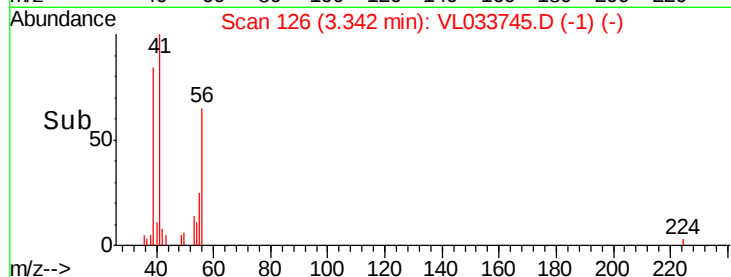
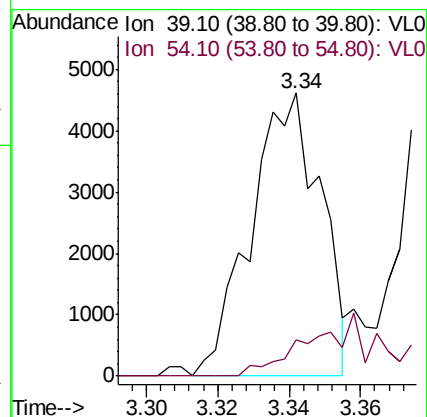
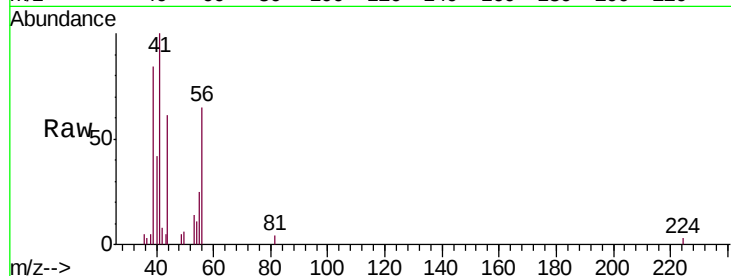




#16
 1,3-Butadiene
 Concen: 0.131 ppbv
 RT: 3.34 min Scan# 126
 Delta R.T. -0.02 min
 Lab File: VL033745.D
 Acq: 22 May 2019 15:30

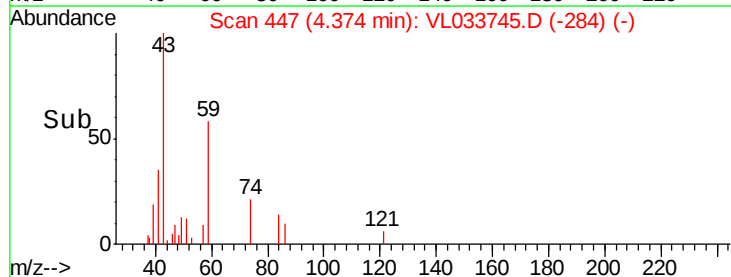
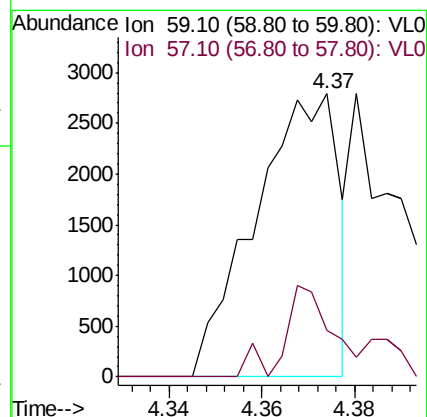
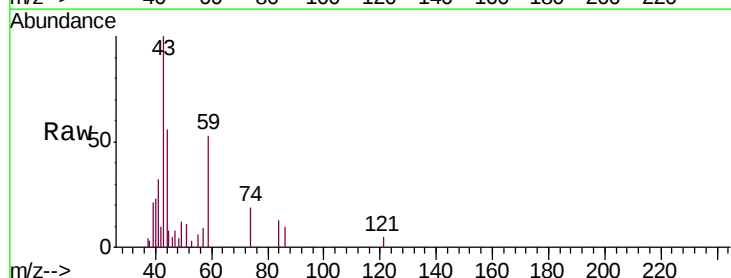
Instrument :
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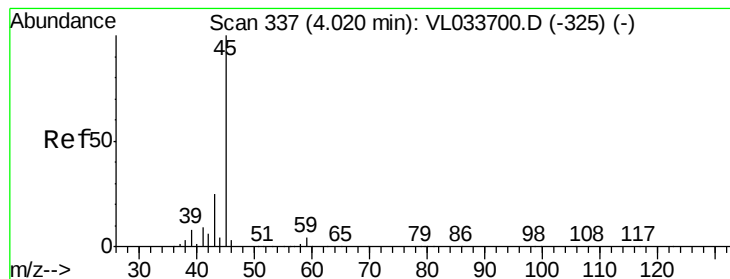
Tgt Ion: 39 Resp: 6248
 Ion Ratio Lower Upper
 39 100
 54 31.2 69.0 103.6#



#17
 tert-Butyl alcohol
 Concen: 0.036 ppbv
 RT: 4.37 min Scan# 447
 Delta R.T. 0.02 min
 Lab File: VL033745.D
 Acq: 22 May 2019 15:30

Tgt Ion: 59 Resp: 3498
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#





#19

Isopropyl Alcohol

Concen: 0.747 ppbv

RT: 4.03 min Scan# 341

Delta R.T. 0.01 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

Instrument :

MSVOA_L

ClientSampleId :

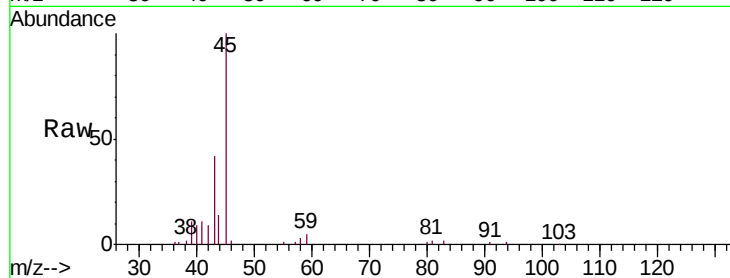
BP-VPB202-AIR-DW-20190515

Tgt Ion: 45 Resp: 57870

Ion Ratio Lower Upper

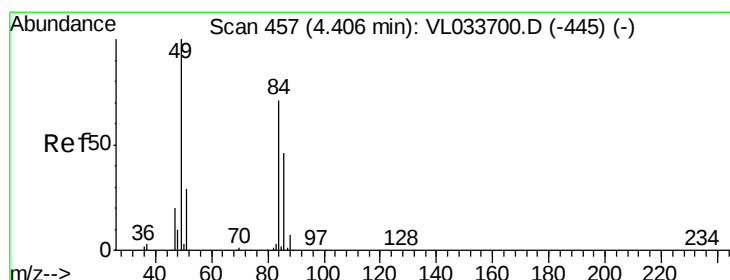
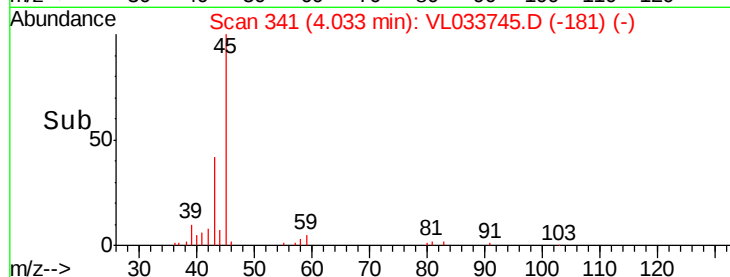
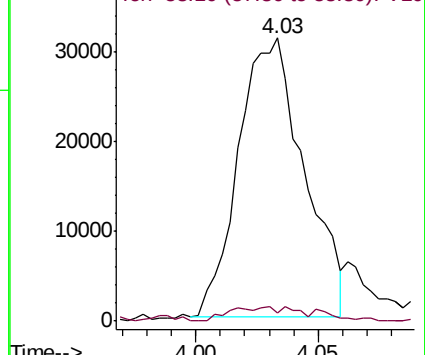
45 100

58 7.3 1.6 2.4#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.999 ppbv

RT: 4.40 min Scan# 455

Delta R.T. -0.01 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

Tgt Ion: 84 Resp: 46197

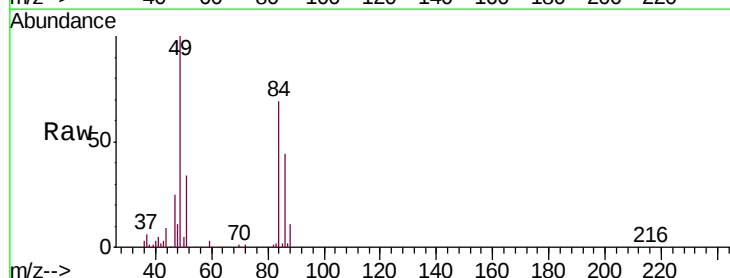
Ion Ratio Lower Upper

84 100

49 145.0 112.8 169.2

51 48.8 33.4 50.0

86 63.9 51.7 77.5

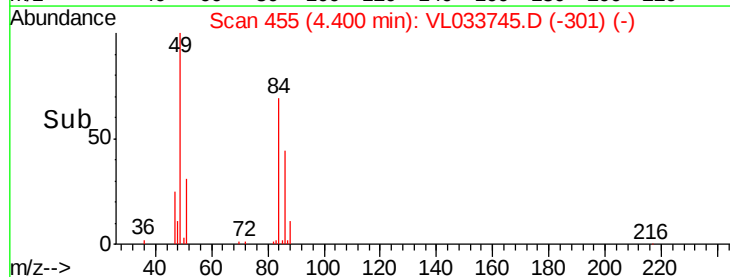
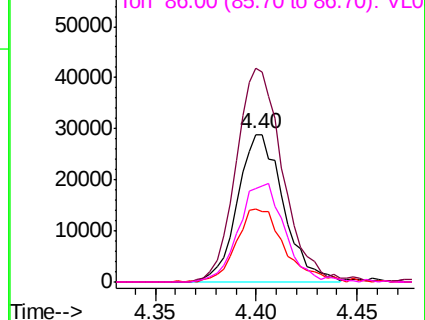


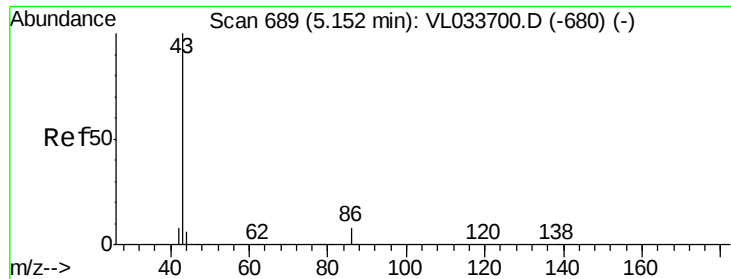
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#23

Vinyl Acetate

Concen: 0.037 ppbv

RT: 5.14 min Scan# 685

Delta R.T. -0.01 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

Instrument :

MSVOA_L

ClientSampleId :

BP-VPB202-AIR-DW-20190515

Tgt Ion: 43 Resp: 5932

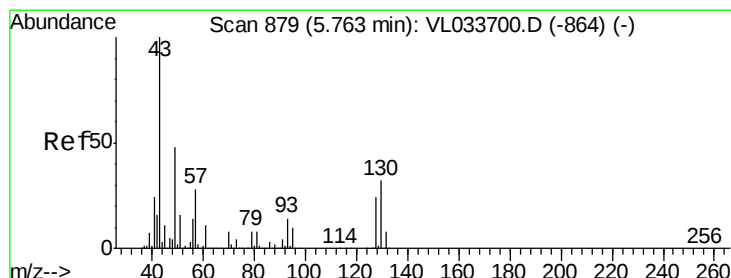
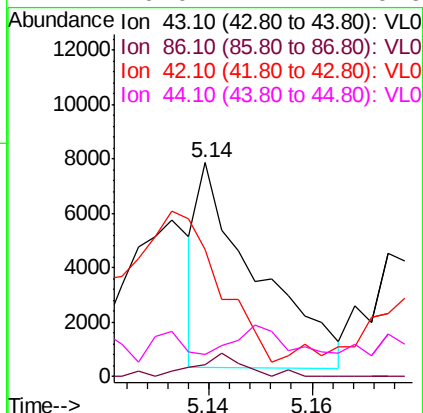
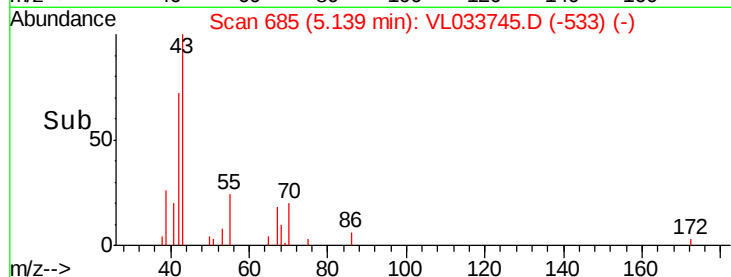
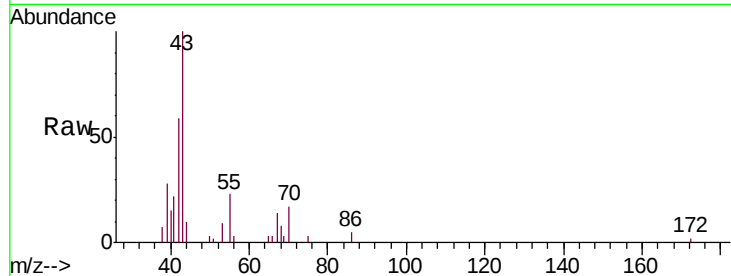
Ion Ratio Lower Upper

43 100

86 6.1 6.0 9.0

42 53.9 7.5 11.3#

44 0.0 4.4 6.6#



#25

Ethyl Acetate

Concen: 0.262 ppbv

RT: 5.77 min Scan# 880

Delta R.T. 0.00 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

Tgt Ion: 43 Resp: 55248

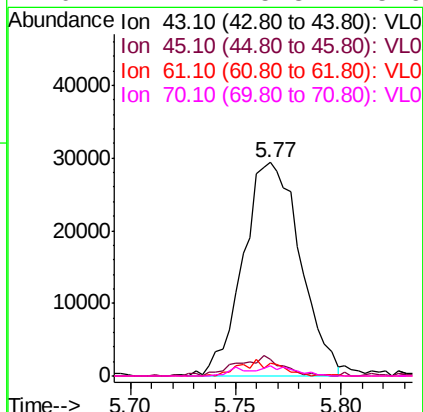
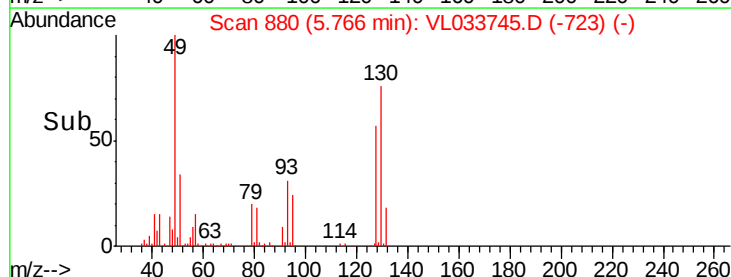
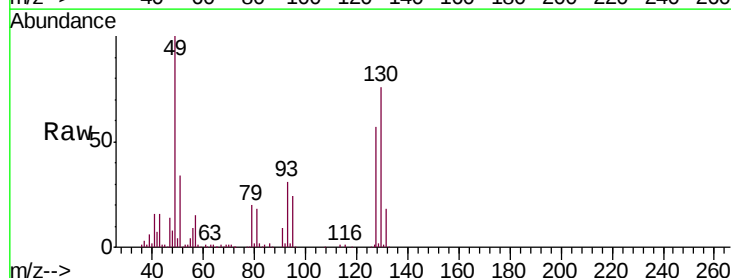
Ion Ratio Lower Upper

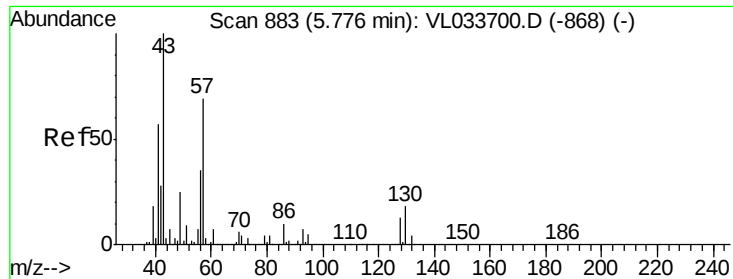
43 100

45 7.8 7.9 11.9#

61 5.4 7.7 11.5#

70 4.2 5.8 8.6#

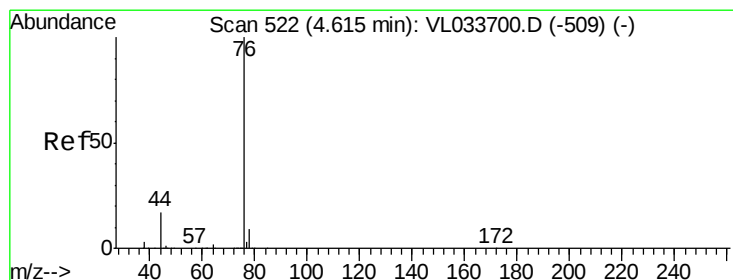
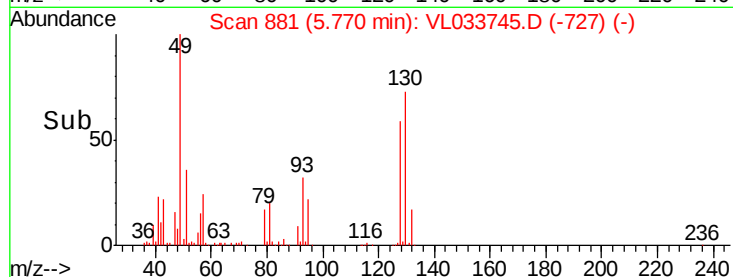
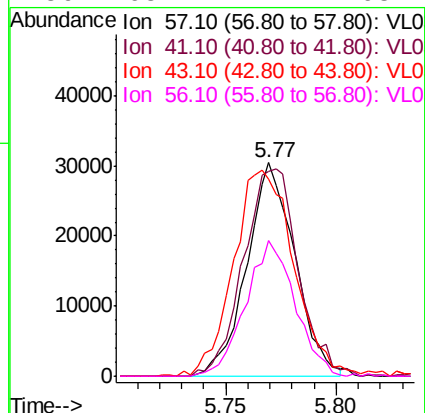
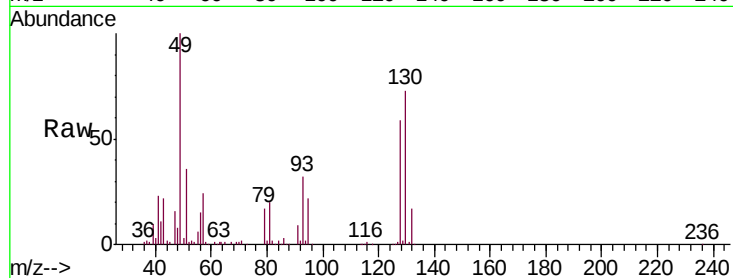




#26
Hexane
Concen: 0.508 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.01 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

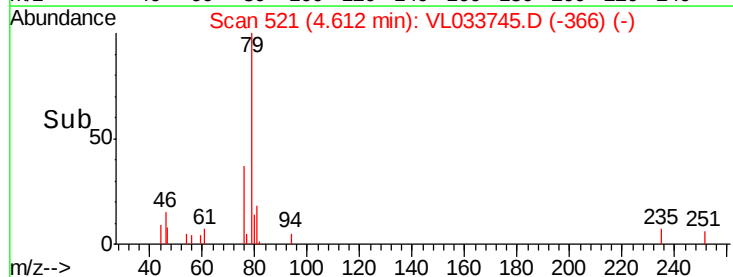
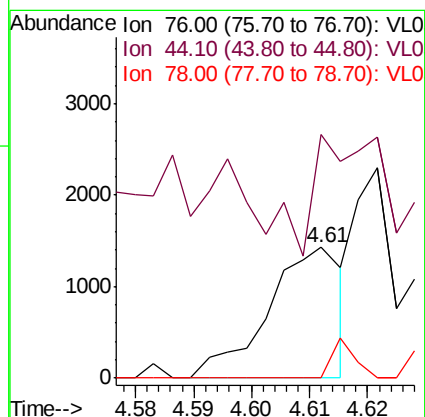
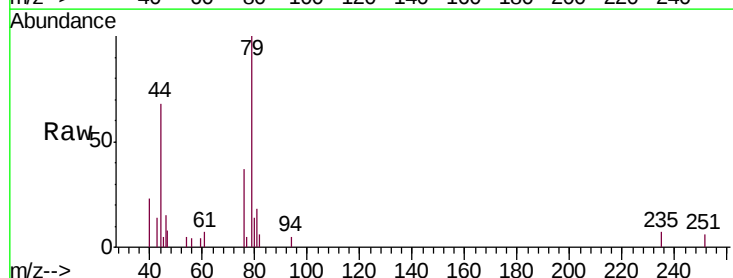
Instrument :
MSVOA_L
ClientSampleId :
BP-VPB202-AIR-DW-20190515

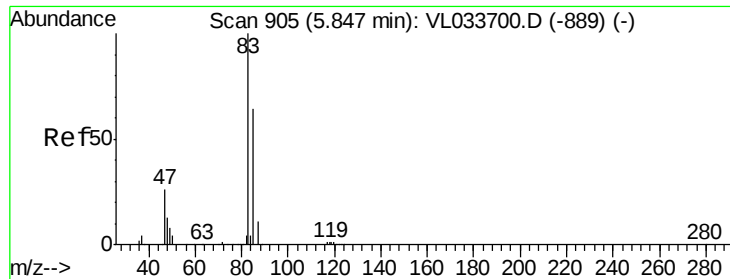
Tgt Ion: 57 Resp: 46113
Ion Ratio Lower Upper
57 100
41 110.9 69.8 104.6#
43 121.9 181.8 272.6#
56 65.7 42.1 63.1#



#27
Carbon Disulfide
Concen: 0.010 ppbv
RT: 4.61 min Scan# 521
Delta R.T. -0.00 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

Tgt Ion: 76 Resp: 1274
Ion Ratio Lower Upper
76 100
44 107.9 13.8 20.8#
78 17.3 7.4 11.0#

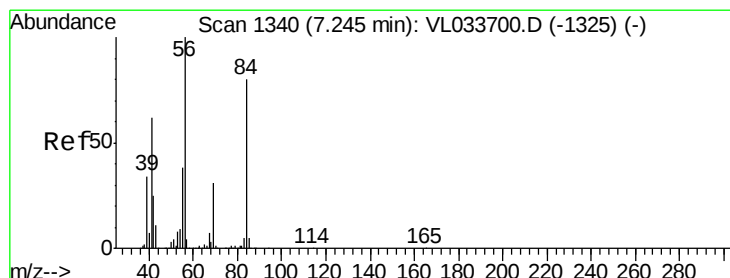
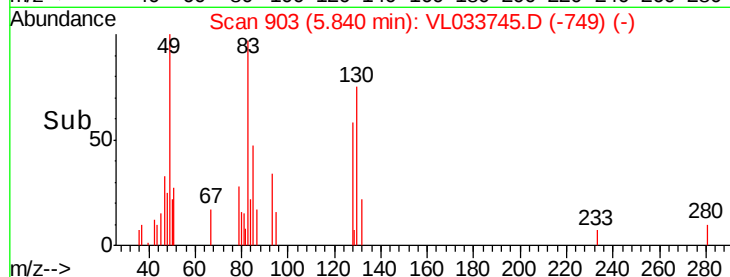
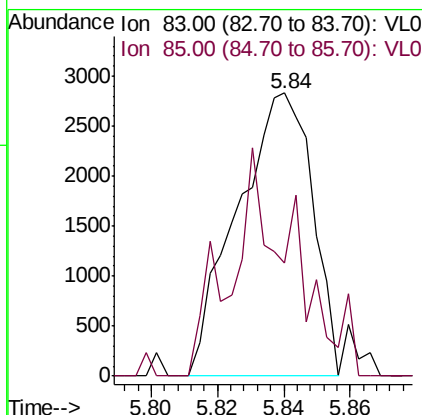
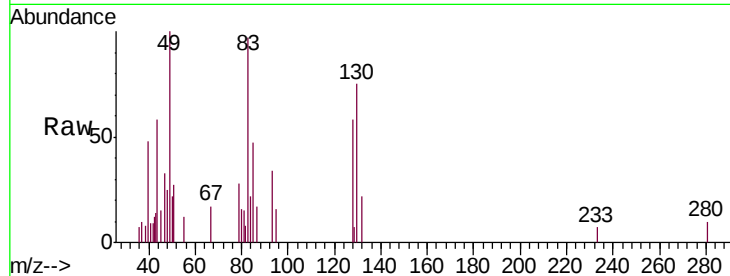




#29
Chloroform
Concen: 0.027 ppbv
RT: 5.84 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

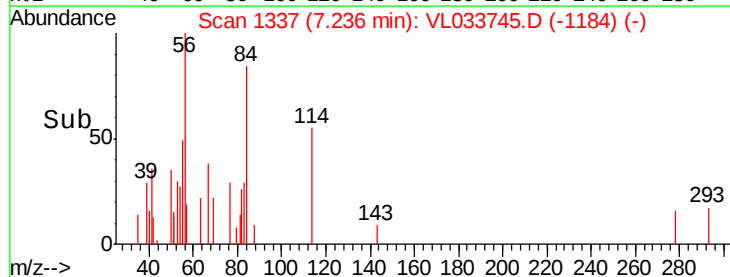
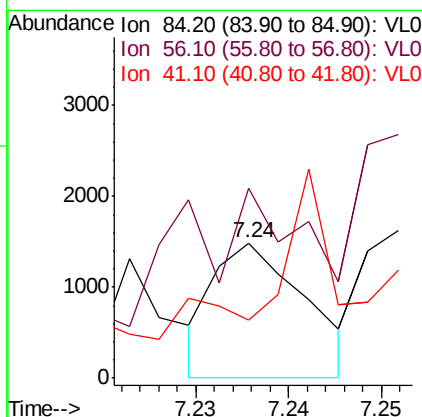
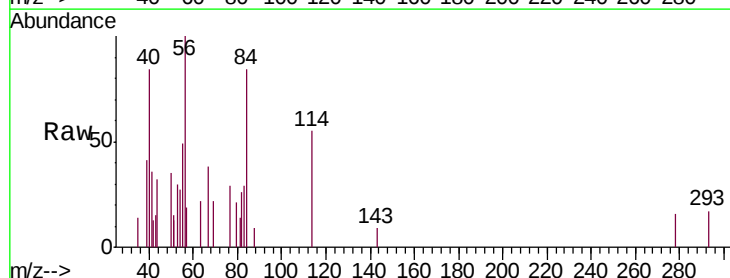
Instrument :
MSVOA_L
ClientSampleId :
BP-VPB202-AIR-DW-20190515

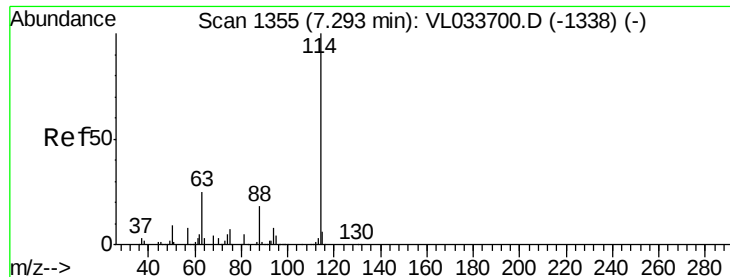
Tgt Ion: 83 Resp: 4468
Ion Ratio Lower Upper
83 100
85 39.8 51.5 77.3#



#30
Cyclohexane
Concen: 0.013 ppbv
RT: 7.24 min Scan# 1337
Delta R.T. -0.01 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

Tgt Ion: 84 Resp: 1016
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 370.7 66.0 99.0#

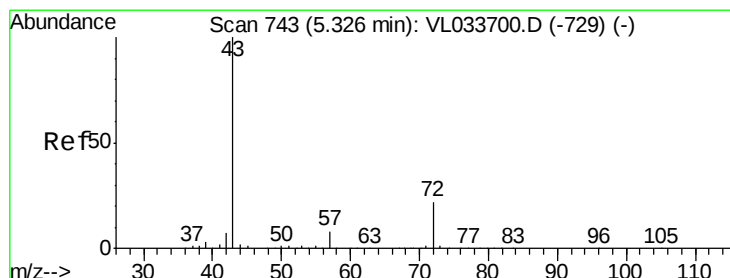
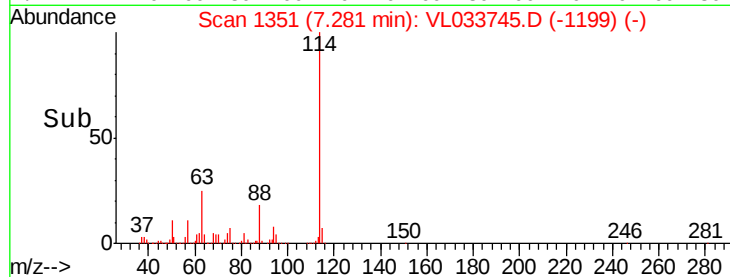
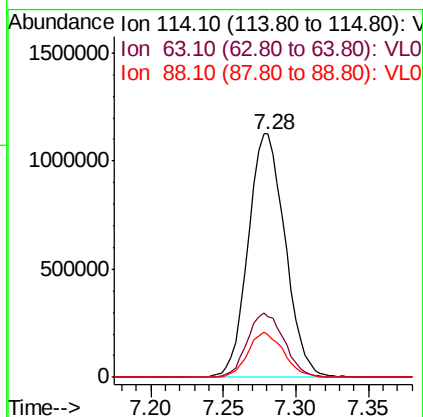
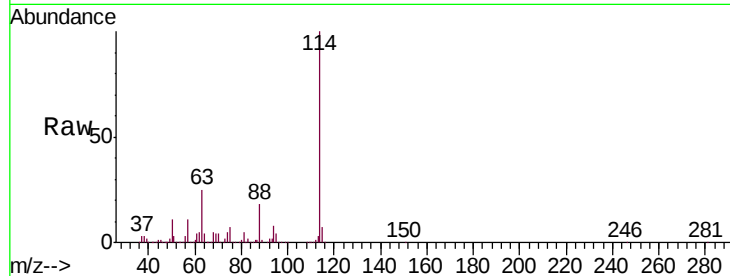




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: VL033745.D
 Acq: 22 May 2019 15:30

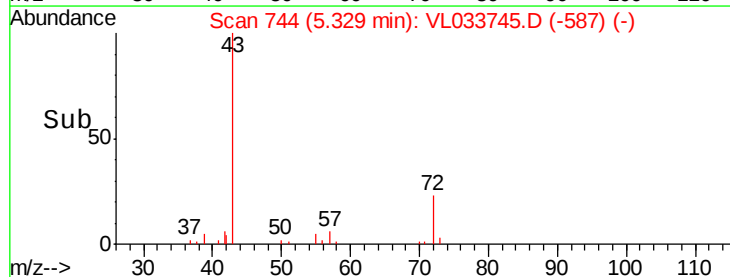
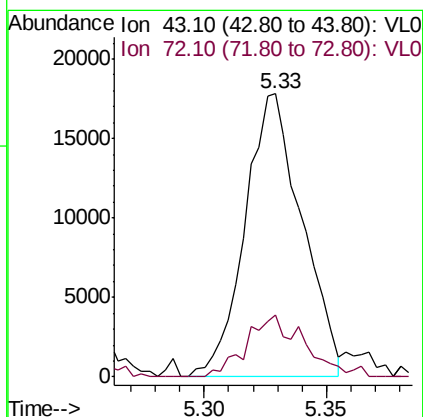
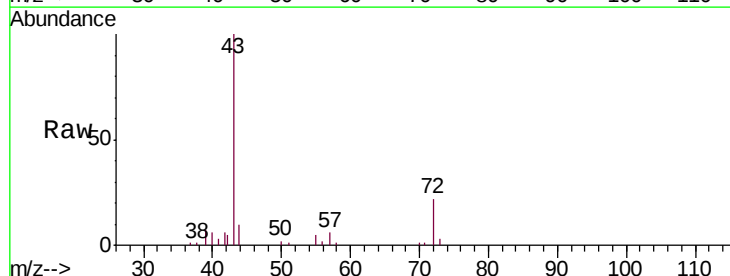
Instrument :
 MSVOA_L
 ClientSampleId :
 BP-VPB202-AIR-DW-20190515

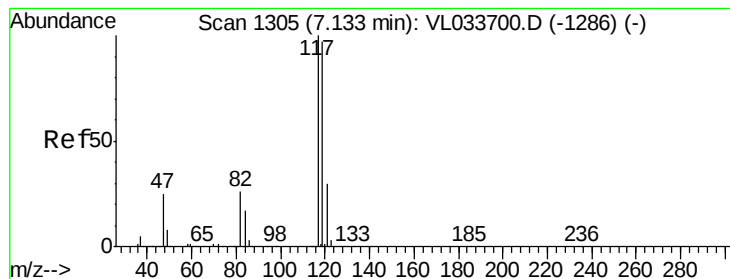
Tgt Ion:114 Resp: 1997921
 Ion Ratio Lower Upper
 114 100
 63 26.6 20.9 31.3
 88 18.0 14.3 21.5



#34
 2-Butanone
 Concen: 0.233 ppbv
 RT: 5.33 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: VL033745.D
 Acq: 22 May 2019 15:30

Tgt Ion: 43 Resp: 28883
 Ion Ratio Lower Upper
 43 100
 72 22.3 17.8 26.6





#35

Carbon Tetrachloride

Concen: 0.032 ppbv

RT: 7.11 min Scan# 1299

Delta R.T. -0.02 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

Instrument :

MSVOA_L

ClientSampleId :

BP-VPB202-AIR-DW-20190515

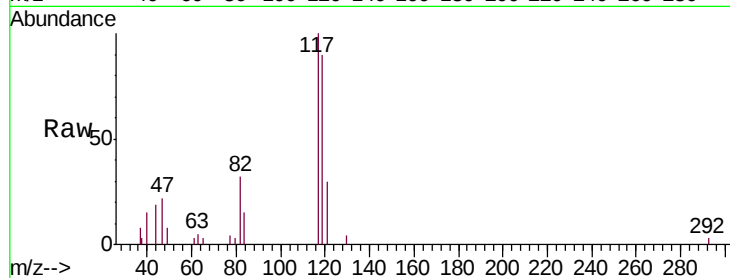
Tgt Ion: 117 Resp: 5126

Ion Ratio Lower Upper

117 100

119 90.3 77.2 115.8

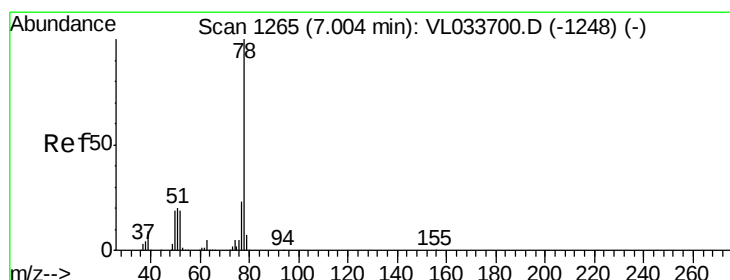
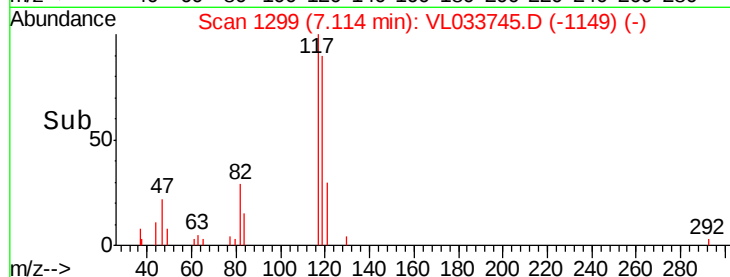
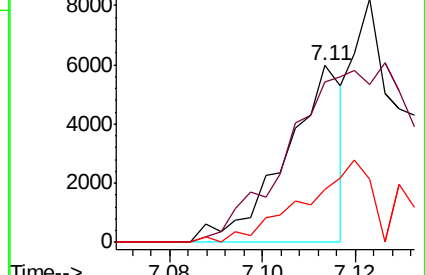
121 29.8 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.030 ppbv

RT: 7.00 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

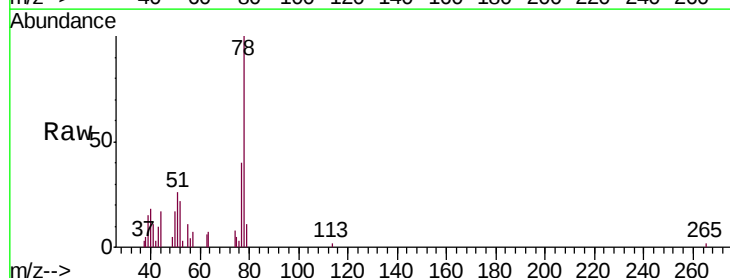
Tgt Ion: 78 Resp: 5392

Ion Ratio Lower Upper

78 100

77 42.1 18.4 27.6#

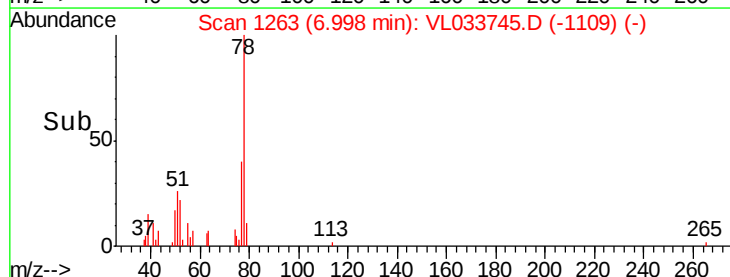
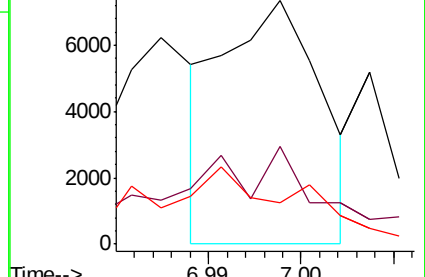
50 9.9 15.5 23.3#

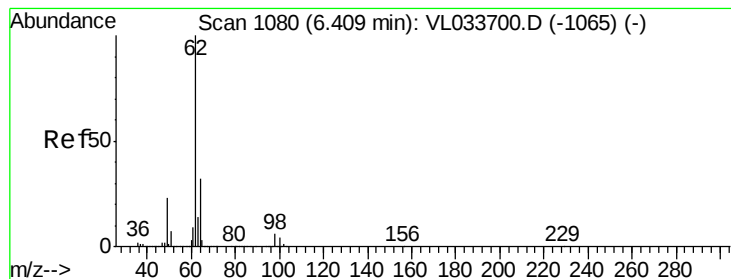


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 0.014 ppbv

RT: 6.39 min Scan# 1075

Delta R.T. -0.02 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

Instrument :

MSVOA_L

ClientSampleId :

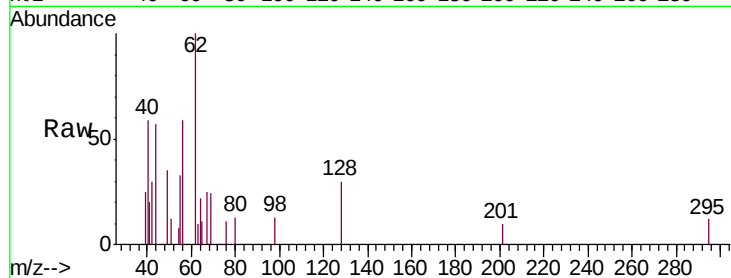
BP-VPB202-AIR-DW-20190515

Tgt Ion: 62 Resp: 1616

Ion Ratio Lower Upper

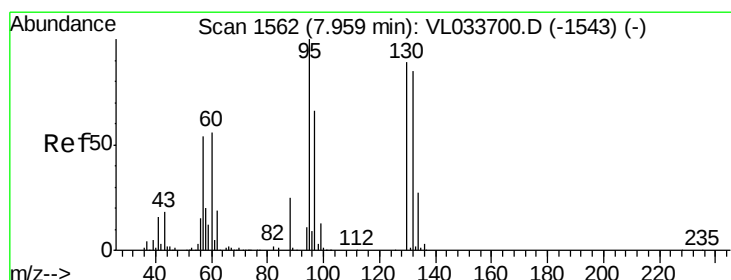
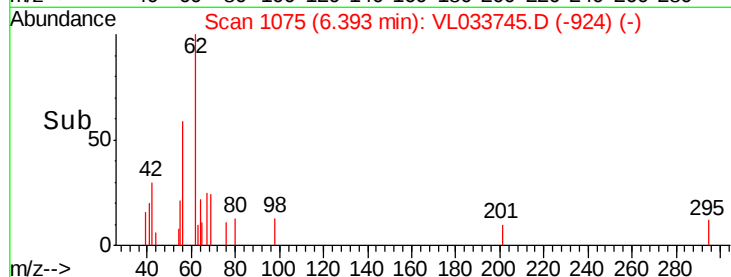
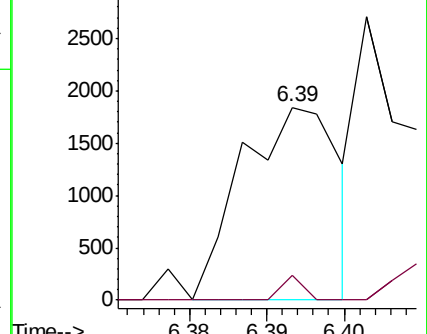
62 100

98 0.0 4.5 6.7#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#38

Trichloroethene

Concen: 0.081 ppbv

RT: 7.95 min Scan# 1559

Delta R.T. -0.01 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

Tgt Ion: 130 Resp: 5460

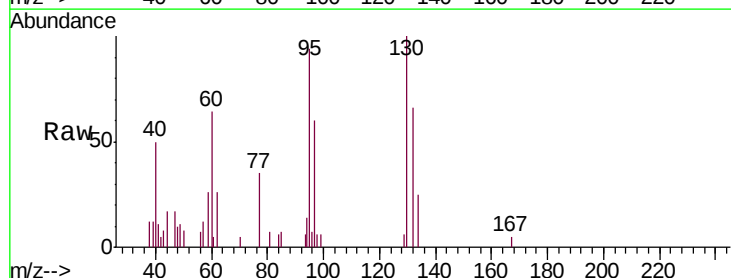
Ion Ratio Lower Upper

130 100

95 80.6 90.2 135.4#

132 60.3 76.4 114.6#

97 57.3 59.8 89.6#

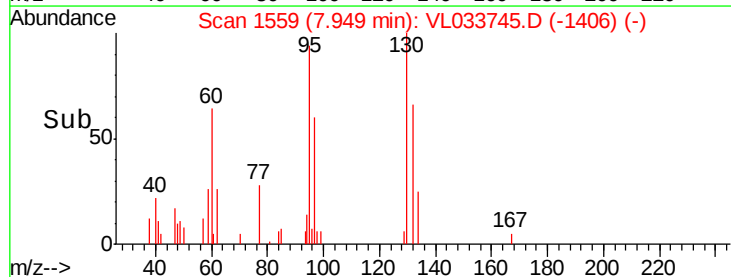
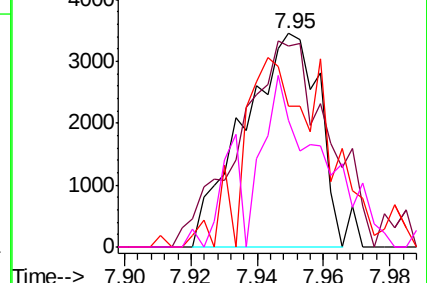


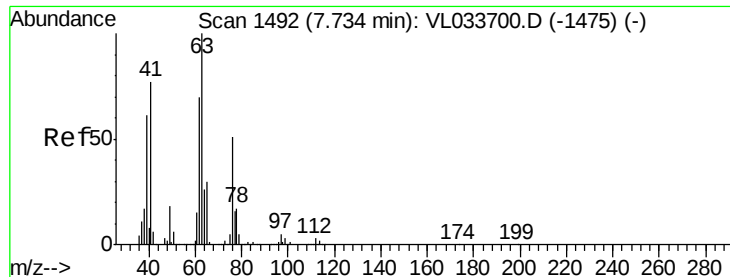
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0





#39

1,2-Dichloropropane

Concen: 7.815 ppbv

RT: 7.28 min Scan# 1350

Delta R.T. -0.46 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

Instrument :

MSVOA_L

ClientSampleId :

BP-VPB202-AIR-DW-20190515

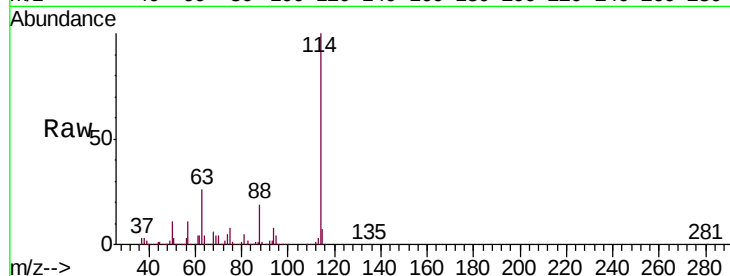
Tgt Ion: 63 Resp: 529564

Ion Ratio Lower Upper

63 100

41 0.3 61.5 92.3#

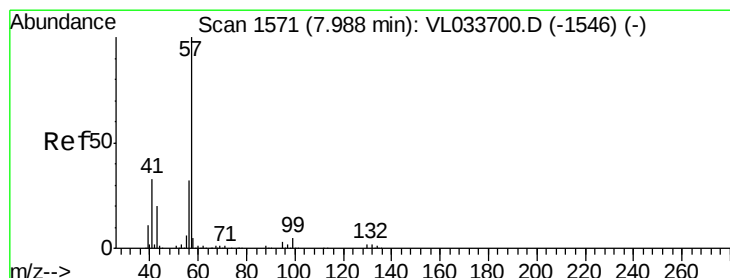
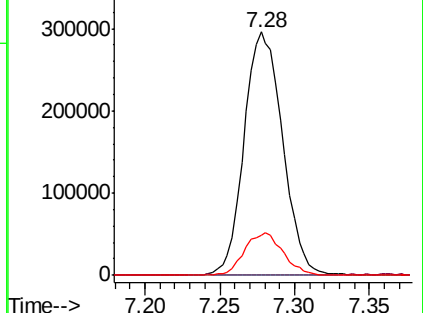
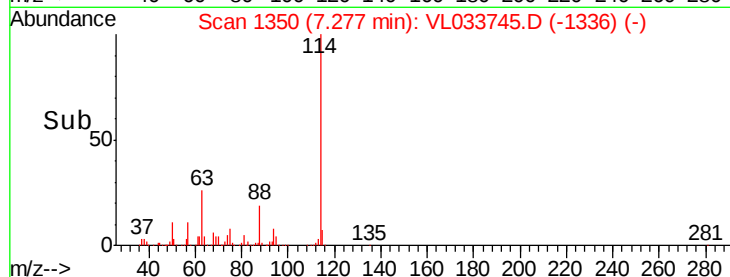
62 16.7 56.2 84.4#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.013 ppbv

RT: 7.98 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

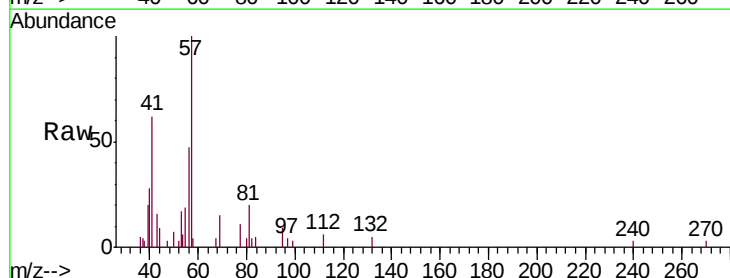
Tgt Ion: 57 Resp: 4115

Ion Ratio Lower Upper

57 100

41 201.1 25.4 38.0#

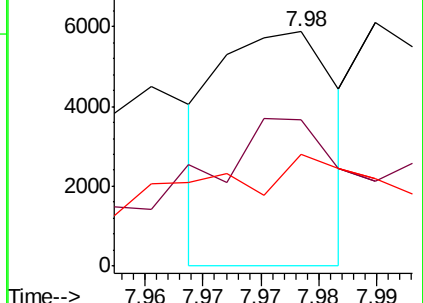
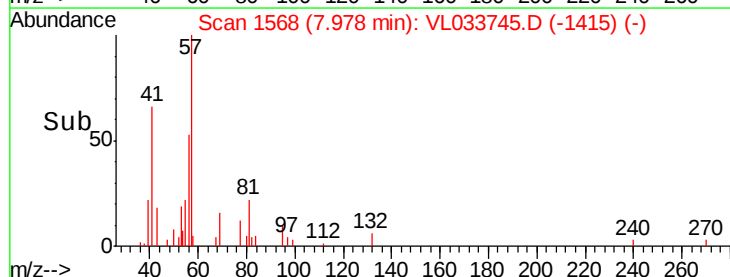
56 137.4 24.7 37.1#

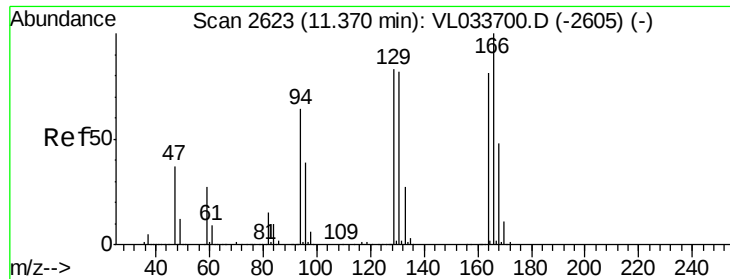


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

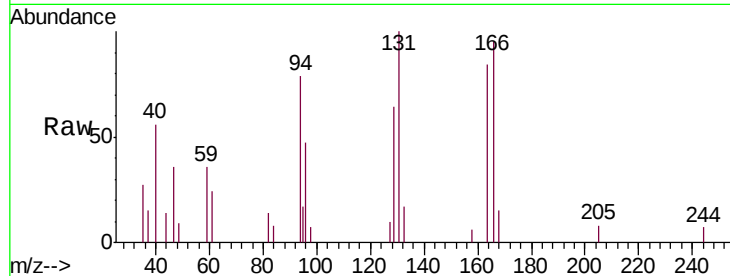




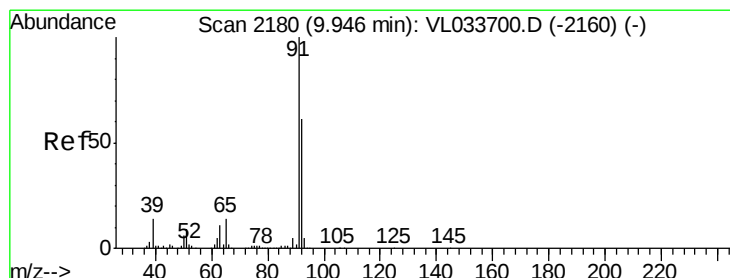
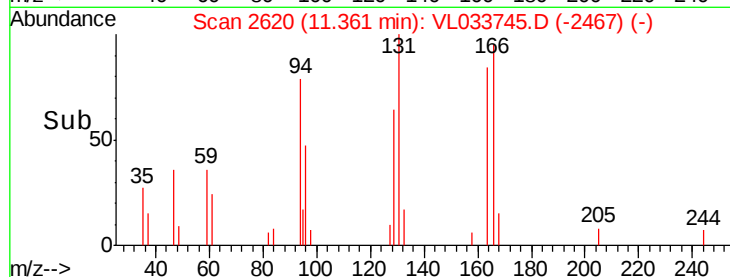
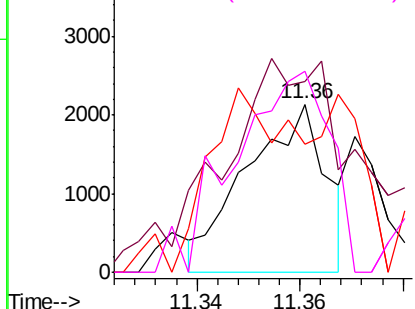
#52
Tetrachloroethene
Concen: 0.036 ppbv
RT: 11.36 min Scan# 2620
Delta R.T. -0.01 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

Instrument :
MSVOA_L
ClientSampleId :
BP-VPB202-AIR-DW-20190515

Tgt Ion:164 Resp: 2269
Ion Ratio Lower Upper
164 100
166 79.6 98.9 148.3#
129 62.4 81.8 122.6#
131 147.8 81.1 121.7#

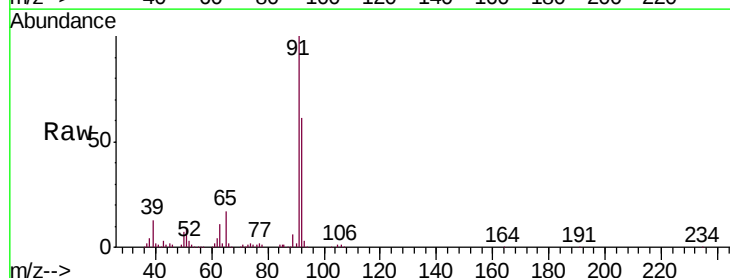


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

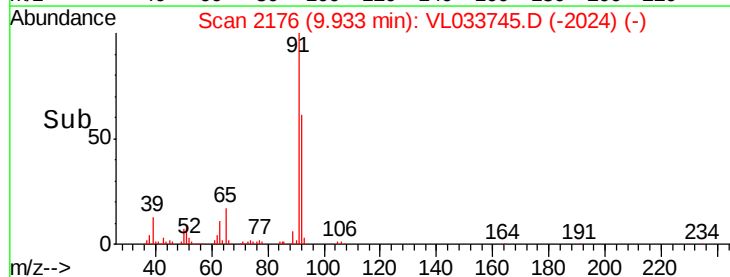
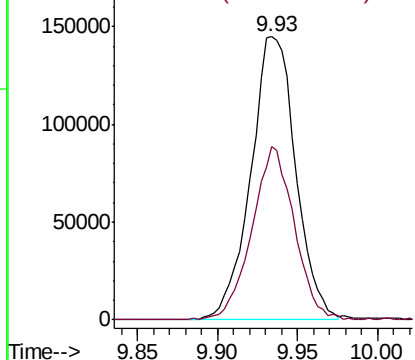


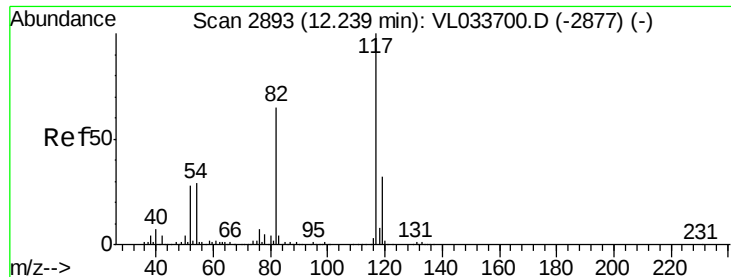
#53
Toluene
Concen: 1.430 ppbv
RT: 9.93 min Scan# 2176
Delta R.T. -0.01 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

Tgt Ion: 91 Resp: 280352
Ion Ratio Lower Upper
91 100
92 58.2 47.6 71.4



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0

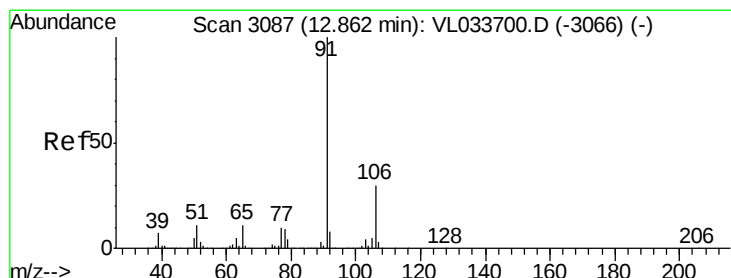
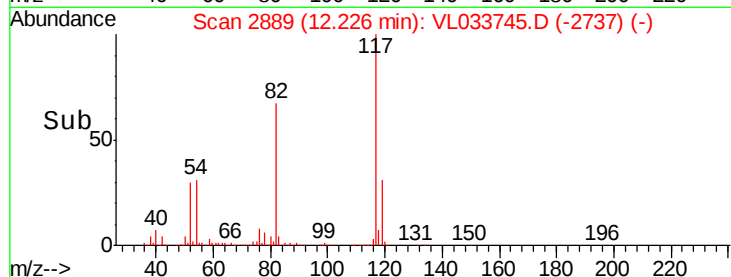
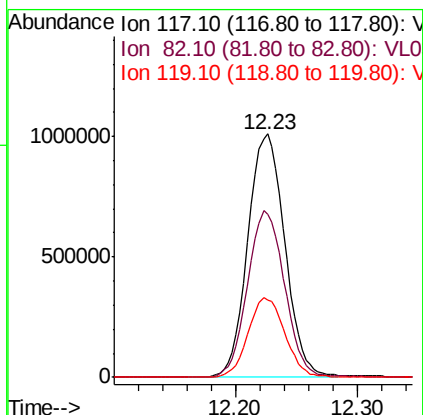
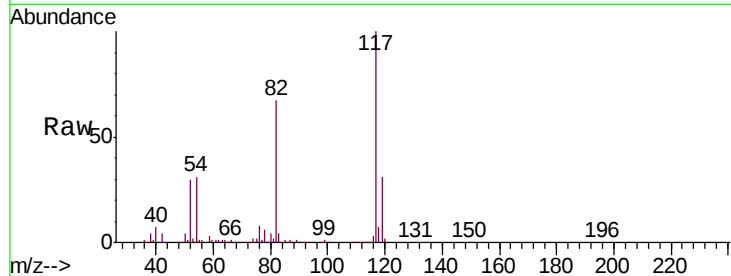




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

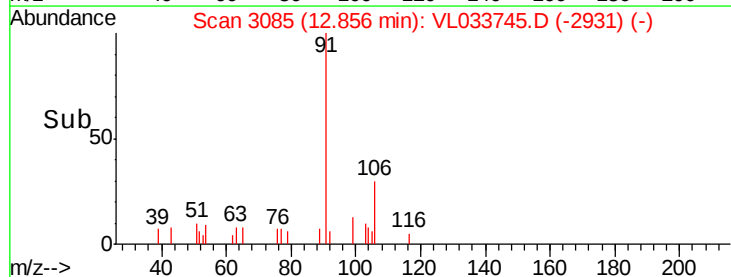
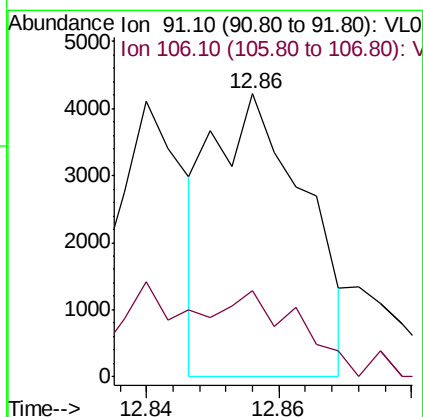
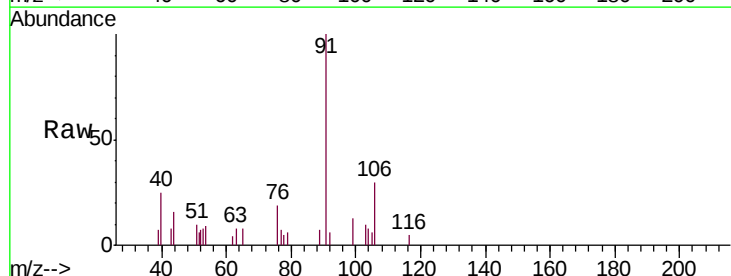
Instrument :
MSVOA_L
ClientSampleId :
BP-VPB202-AIR-DW-20190515

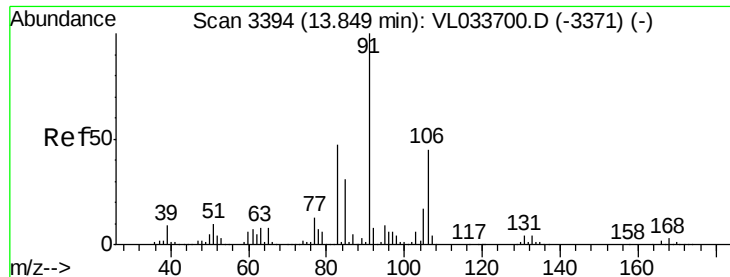
Tgt Ion: 117 Resp: 2117015
Ion Ratio Lower Upper
117 100
82 69.4 49.4 74.0
119 32.5 24.9 37.3



#58
Ethyl Benzene
Concen: 0.015 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

Tgt Ion: 91 Resp: 4094
Ion Ratio Lower Upper
91 100
106 31.0 23.9 35.9

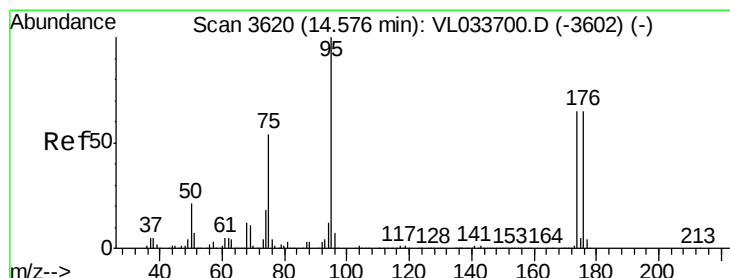
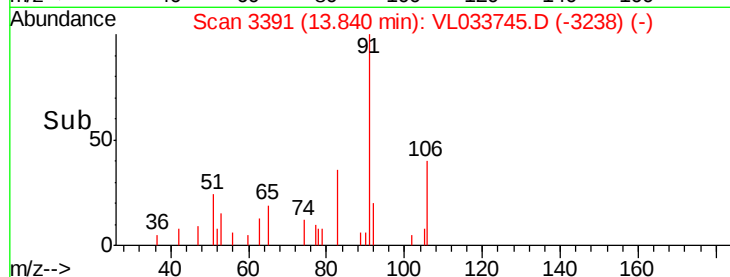
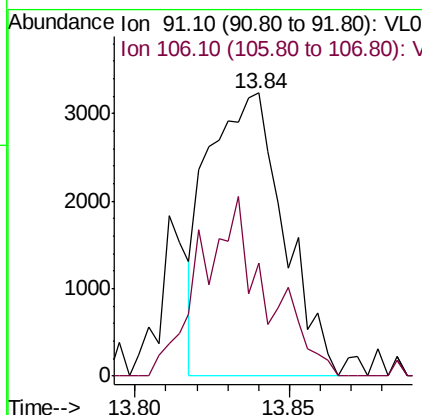
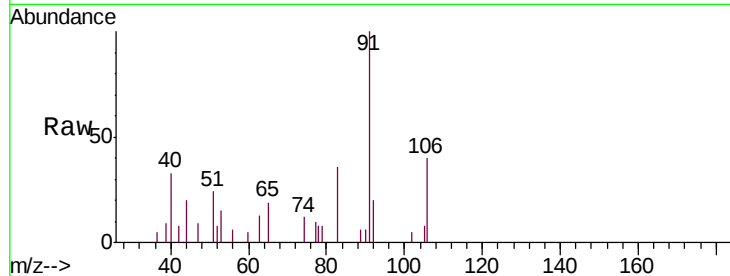




#60
o-Xylene
Concen: 0.022 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

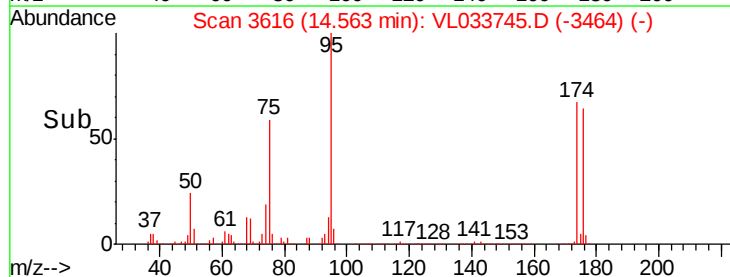
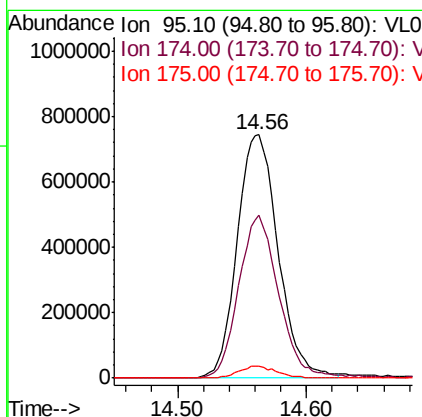
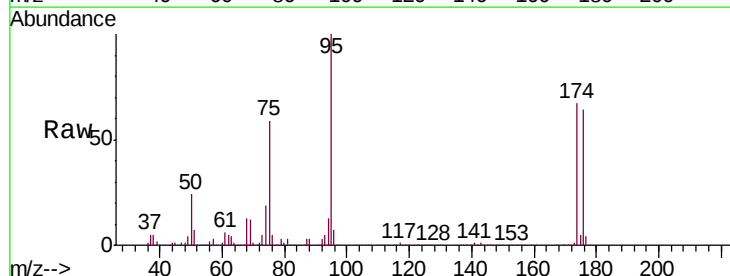
Instrument :
MSVOA_L
ClientSampleId :
BP-VPB202-AIR-DW-20190515

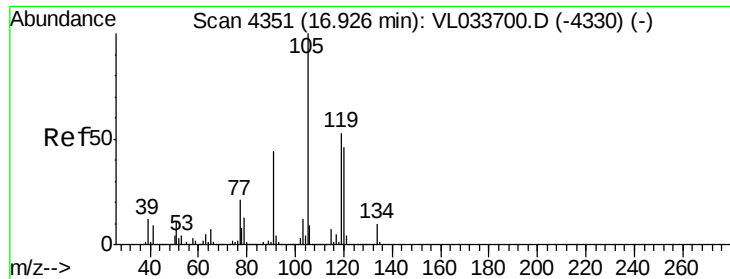
Tgt Ion: 91 Resp: 5551
Ion Ratio Lower Upper
91 100
106 54.6 21.6 64.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.599 ppbv
RT: 14.56 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL033745.D
Acq: 22 May 2019 15:30

Tgt Ion: 95 Resp: 1647357
Ion Ratio Lower Upper
95 100
174 66.4 53.9 80.9
175 4.8 3.8 5.8





#74

1,2,4-Trimethylbenzene

Concen: 0.012 ppbv

RT: 16.91 min Scan# 4346

Delta R.T. -0.02 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

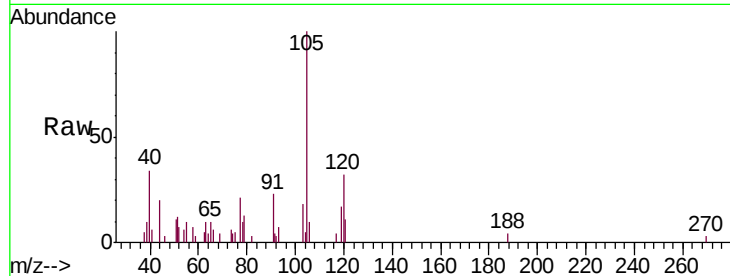
Instrument :

MSVOA_L

ClientSampleId :

BP-VPB202-AIR-DW-20190515

Tgt Ion:	105	Resp:	3693
Ion	Ratio	Lower	Upper
105	100		
120	45.9	36.8	55.2
91	32.9	35.4	53.0#
77	35.2	16.8	25.2#



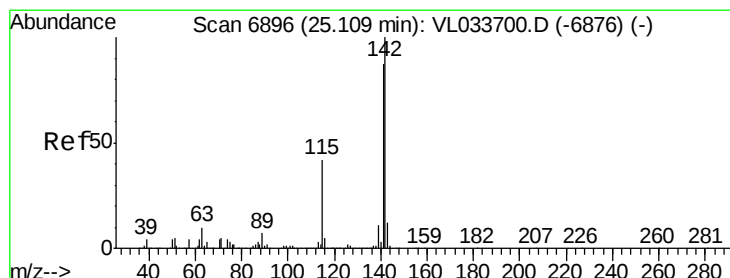
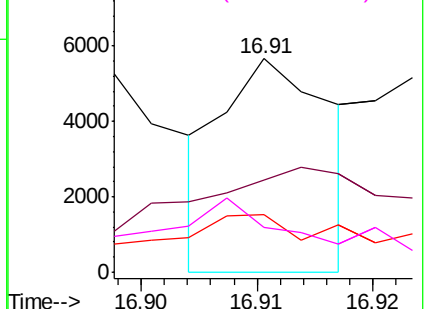
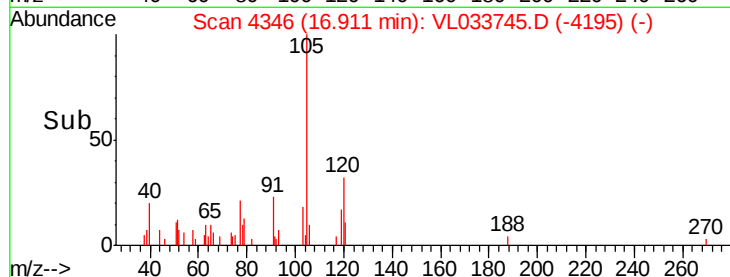
Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#80

Naphthalene, 2-methyl-

Concen: 0.033 ppbv

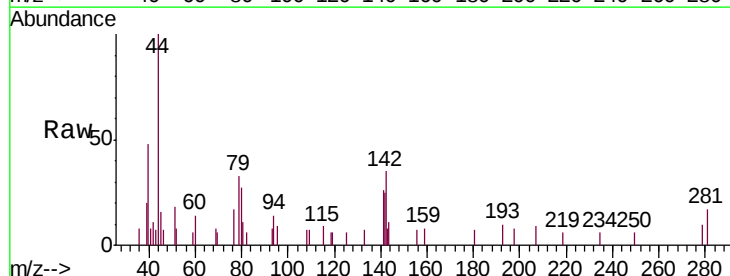
RT: 25.10 min Scan# 6893

Delta R.T. -0.01 min

Lab File: VL033745.D

Acq: 22 May 2019 15:30

Tgt Ion:	142	Resp:	3501
Ion	Ratio	Lower	Upper
142	100		
141	73.3	67.2	100.8
115	25.7	34.1	51.1#



Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

