

Data File : VL033816.D
Acq On : 28 May 2019 23:53
Operator : SY/AP
Sample : K2960-05DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DUP

Quant Time: May 29 05:32:34 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	677825	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1589870	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1581203	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1291833	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.07	85	19431	0.136	ppbv 91
3) Chlorodifluoromethane	3.01	51	31232	0.402	ppbv 93
4) Chloromethane	3.17	50	27320	0.615	ppbv 98
6) Bromomethane	3.51	94	724	0.026	ppbv # 36
7) Chloroethane	3.60	64	166	0.010	ppbv 94
8) Dichlorotetrafluoroethane	3.22	85	2561	0.022	ppbv # 79
9) Propene	3.05	41	16802	0.509	ppbv # 80
10) Heptane	8.24	43	2385	0.026	ppbv # 26
11) Trichlorofluoromethane	4.00	101	36607	0.269	ppbv 94
12) 1,1,2-Trichlorotrifluoroet	4.55	101	22057	0.232	ppbv 97
13) Ethanol	3.65	45	90325	8.462	ppbv 98
15) Acetone	3.89	43	537203	5.712	ppbv 98
16) 1,3-Butadiene	3.35	39	2066	0.055	ppbv # 6
18) 1,1-Dichloroethene	4.35	96	409	0.010	ppbv # 46
19) Isopropyl Alcohol	4.03	45	35362	0.583	ppbv # 94
20) Methylene Chloride	4.40	84	63610	1.757	ppbv 93
23) Vinyl Acetate	5.15	43	6013	0.048	ppbv # 78
25) Ethyl Acetate	5.76	43	13136	0.080	ppbv # 89
26) Hexane	5.77	57	35289	0.497	ppbv # 46
29) Chloroform	5.84	83	3327	0.025	ppbv 95
34) 2-Butanone	5.33	43	16888	0.171	ppbv # 54
35) Carbon Tetrachloride	7.13	117	5835	0.046	ppbv # 84
36) Benzene	7.00	78	6358	0.044	ppbv 94
37) 1,2-Dichloroethane	6.40	62	1276	0.014	ppbv # 83
38) Trichloroethene	7.96	130	1370	0.026	ppbv 91
39) 1,2-Dichloropropane	7.28	63	417649	7.746	ppbv # 22
44) 2,2,4-Trimethylpentane	7.98	57	5586	0.023	ppbv # 1
52) Tetrachloroethene	11.36	164	865	0.017	ppbv # 54
53) Toluene	9.94	91	572800	3.672	ppbv 99
59) m/p-Xylene	13.14	91	3432	0.019	ppbv # 31
74) 1,2,4-Trimethylbenzene	16.91	105	9558	0.043	ppbv # 74

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

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Instrument :
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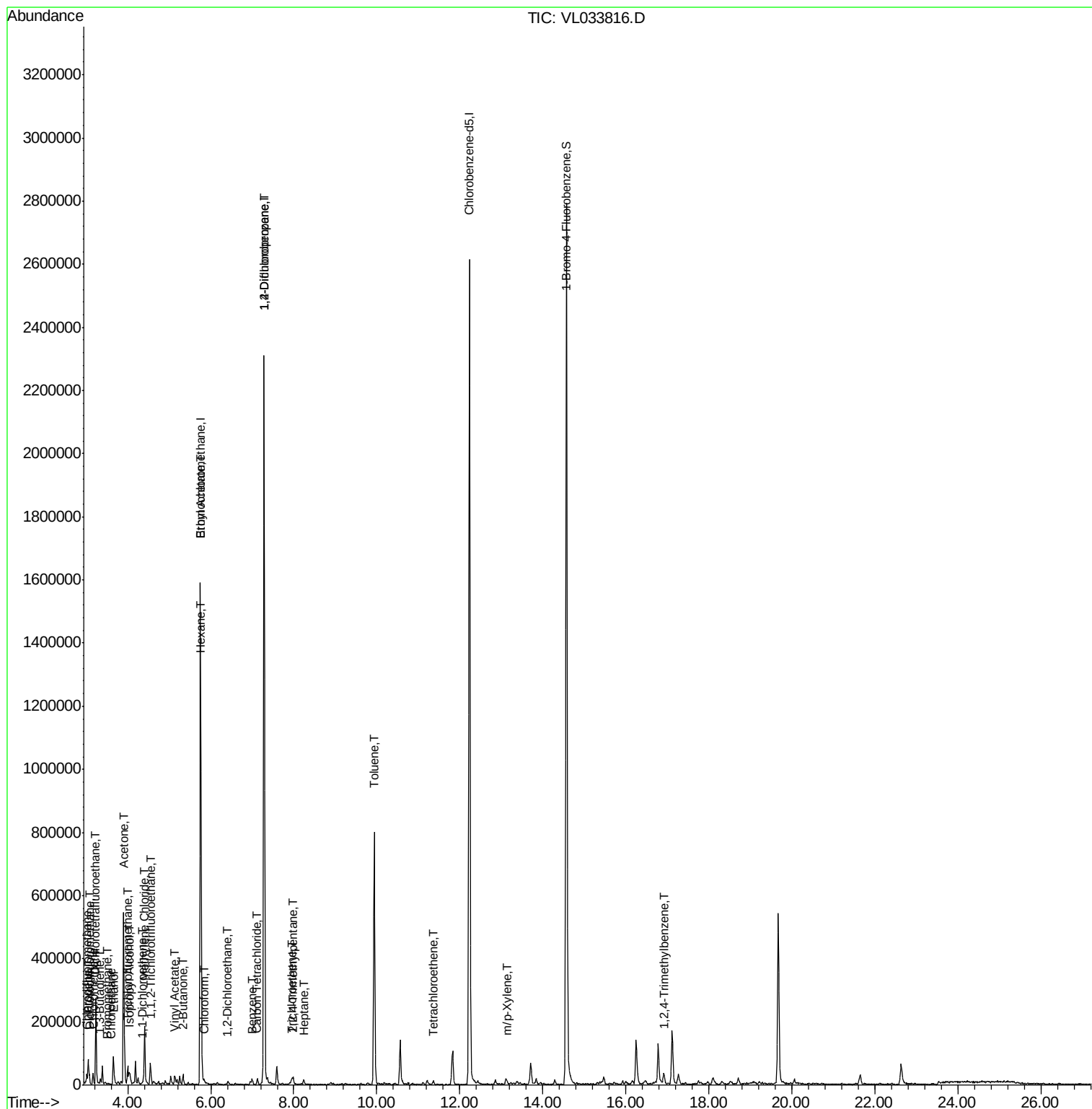
Quant Time: May 29 05:32:34 2019

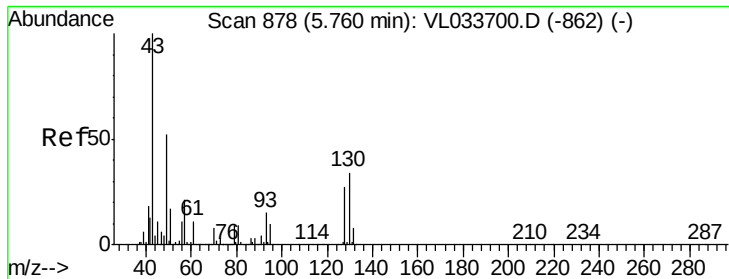
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_L\METHODS\VL051719AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri May 17 08:15:41 2019

QLast Update : Fri May 17 08:15:41 2019

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

Lab File: VL033816.D

Acq: 28 May 2019 23:53

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3004-04DUP

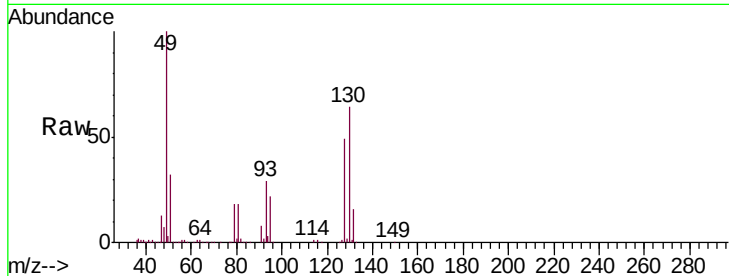
Tgt Ion: 49 Resp: 677825

Ion Ratio Lower Upper

49 100

128 49.8 25.2 75.6

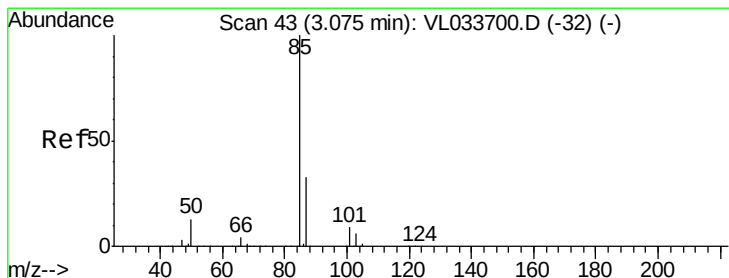
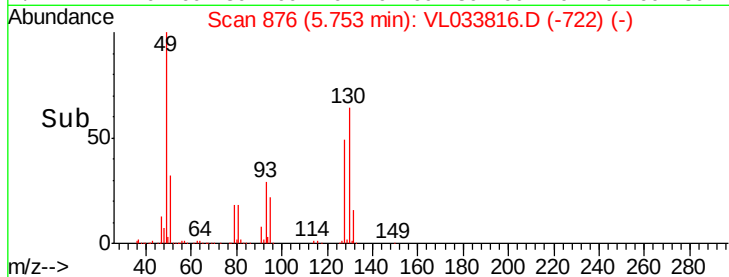
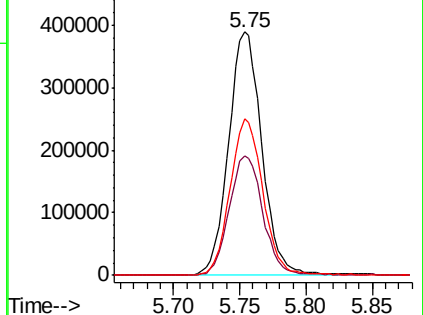
130 63.8 32.5 97.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.136 ppbv

RT: 3.07 min Scan# 42

Delta R.T. -0.00 min

Lab File: VL033816.D

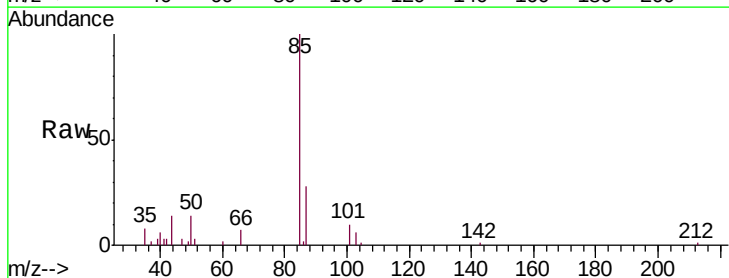
Acq: 28 May 2019 23:53

Tgt Ion: 85 Resp: 19431

Ion Ratio Lower Upper

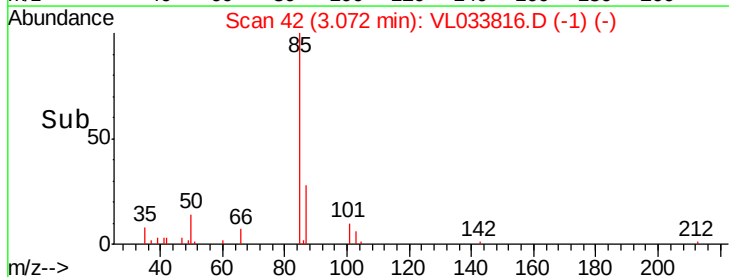
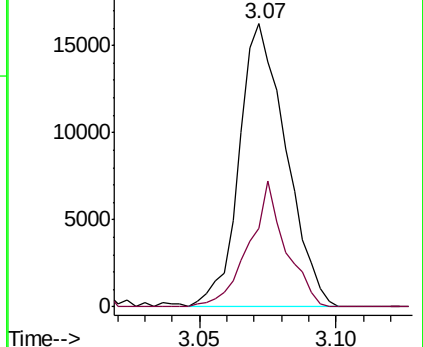
85 100

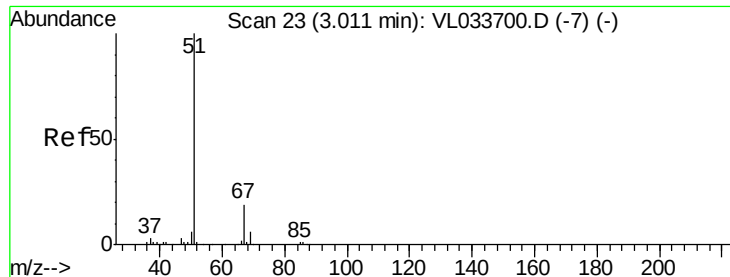
87 27.7 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

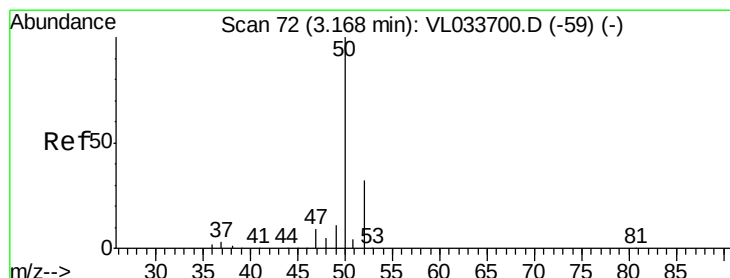
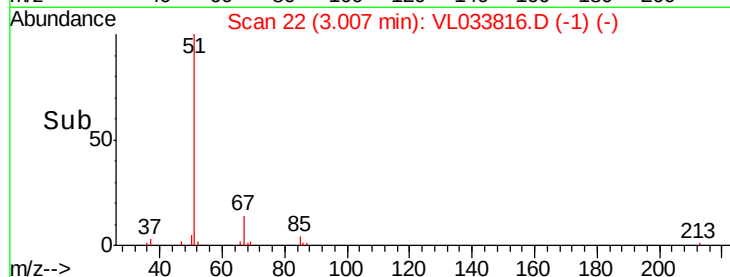
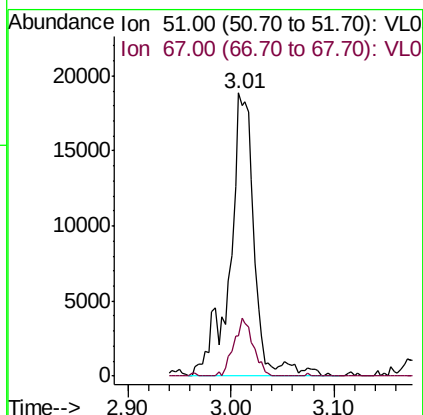
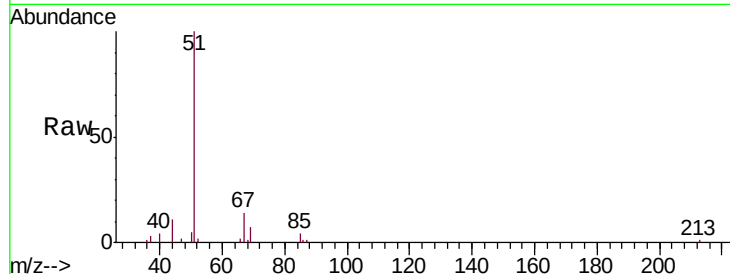




#3
Chlorodifluoromethane
Concen: 0.402 ppbv
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

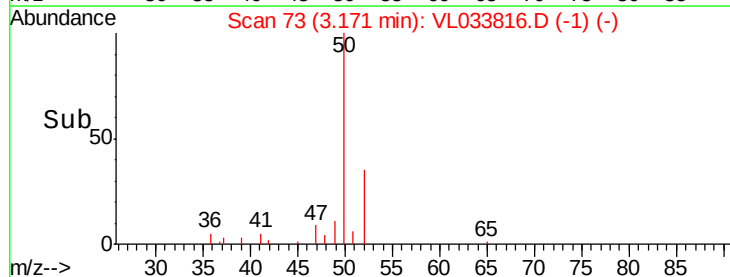
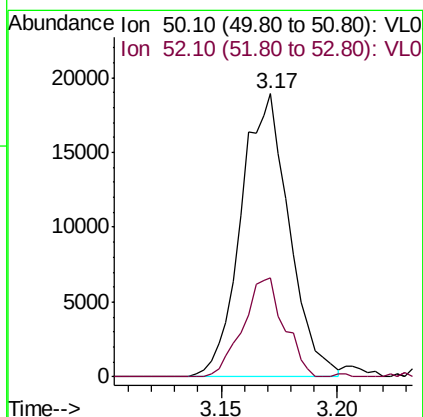
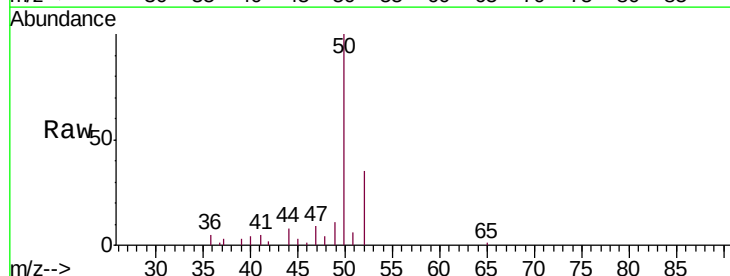
Instrument :
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ClientSampleId :
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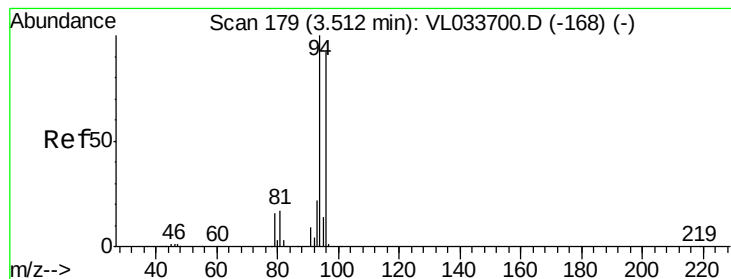
Tgt Ion: 51 Resp: 31232
Ion Ratio Lower Upper
51 100
67 16.2 15.6 23.4



#4
Chloromethane
Concen: 0.615 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

Tgt Ion: 50 Resp: 27320
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5





#6

Bromomethane

Concen: 0.026 ppbv

RT: 3.51 min Scan# 179

Delta R.T. 0.00 min

Lab File: VL033816.D

Acq: 28 May 2019 23:53

Instrument :

MSVOA_L

ClientSampleId :

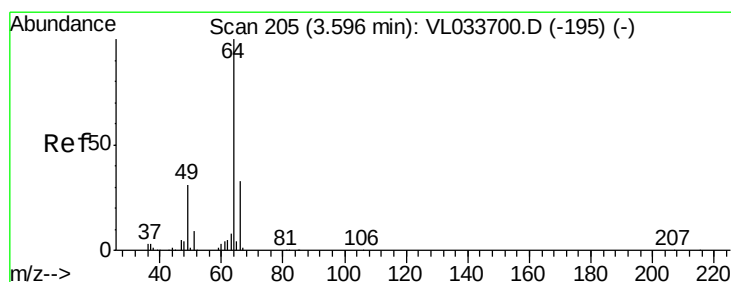
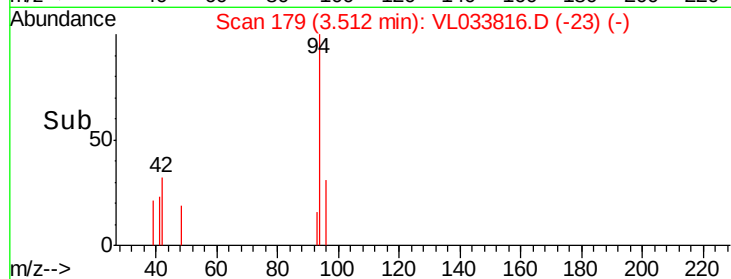
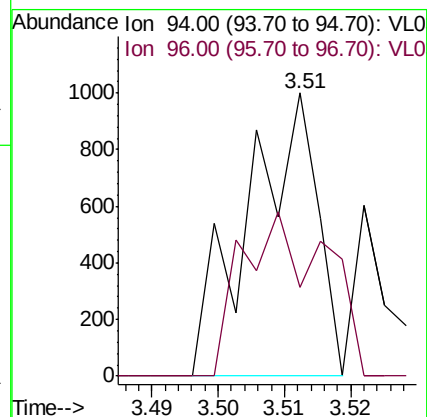
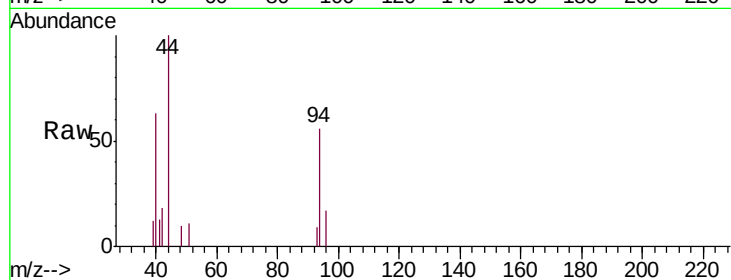
BPS1-ODA-3004-04DUP

Tgt Ion: 94 Resp: 724

Ion Ratio Lower Upper

94 100

96 31.3 73.6 110.4#



#7

Chloroethane

Concen: 0.010 ppbv

RT: 3.60 min Scan# 205

Delta R.T. 0.00 min

Lab File: VL033816.D

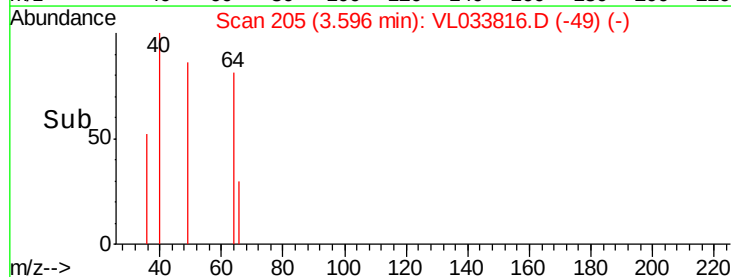
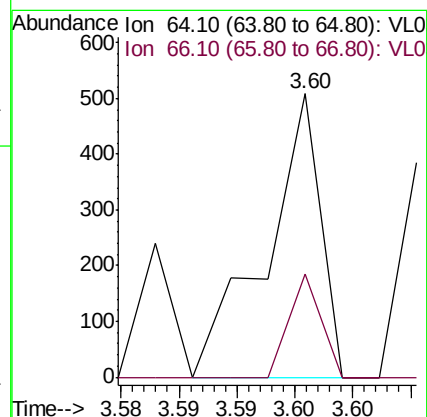
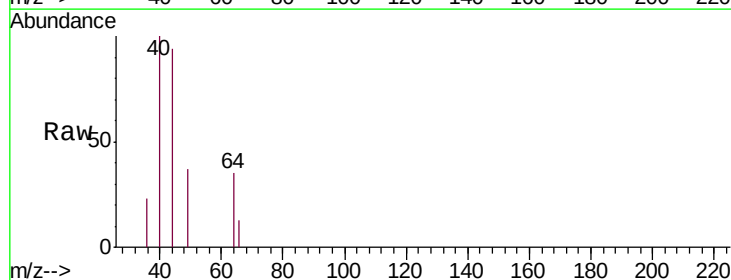
Acq: 28 May 2019 23:53

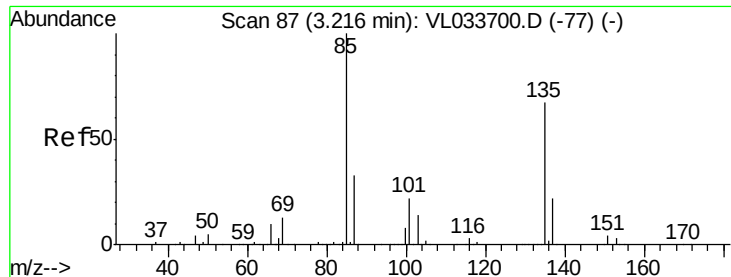
Tgt Ion: 64 Resp: 166

Ion Ratio Lower Upper

64 100

66 36.6 26.6 40.0





#8

Dichlorotetrafluoroethane

Concen: 0.022 ppbv

RT: 3.22 min Scan# 87

Delta R.T. 0.00 min

Lab File: VL033816.D

Acq: 28 May 2019 23:53

Instrument :

MSVOA_L

ClientSampleId :

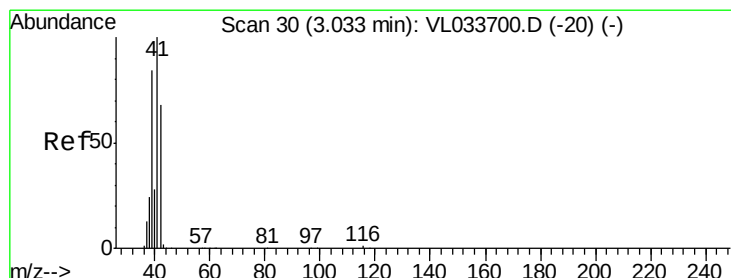
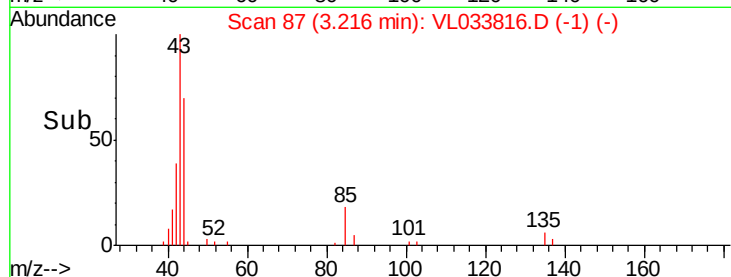
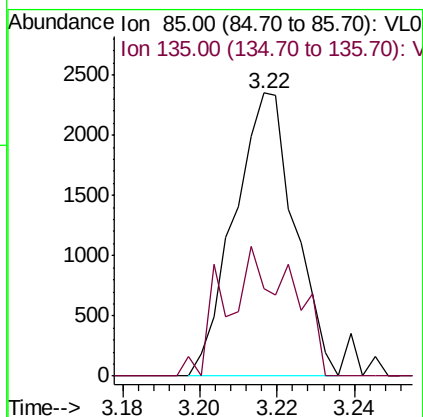
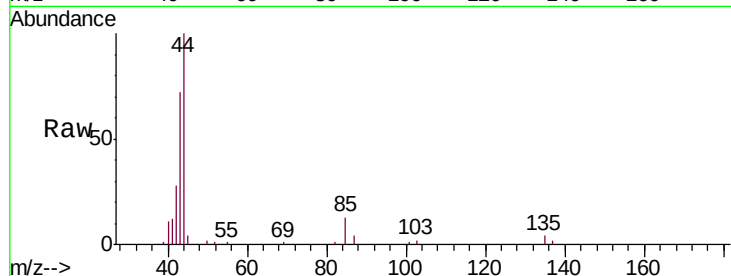
BPS1-ODA-3004-04DUP

Tgt Ion: 85.00 Resp: 2561

Ion Ratio Lower Upper

85 100

135 50.9 54.5 81.7#



#9

Propene

Concen: 0.509 ppbv

RT: 3.05 min Scan# 34

Delta R.T. 0.01 min

Lab File: VL033816.D

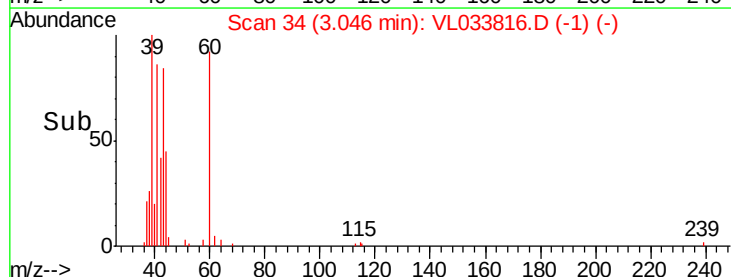
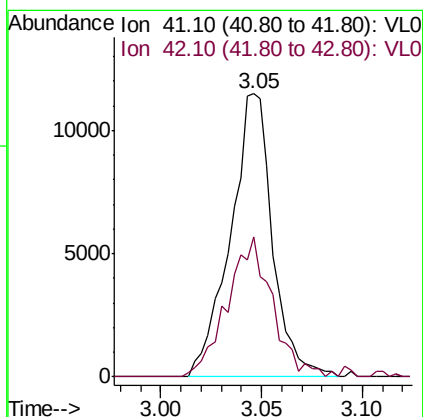
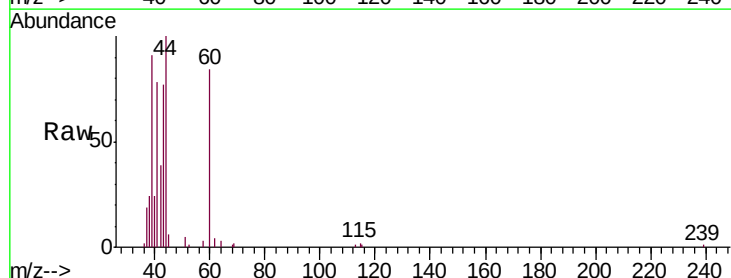
Acq: 28 May 2019 23:53

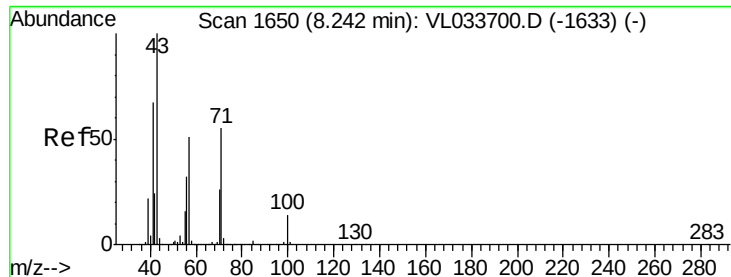
Tgt Ion: 41 Resp: 16802

Ion Ratio Lower Upper

41 100

42 54.0 56.1 84.1#

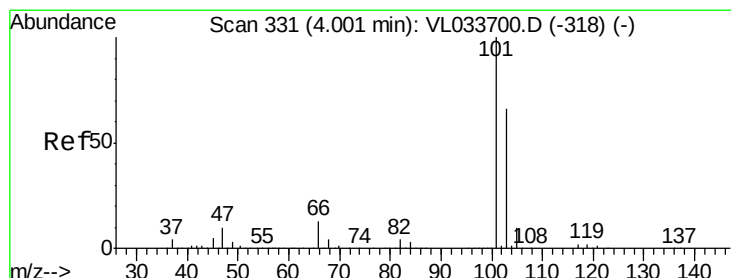
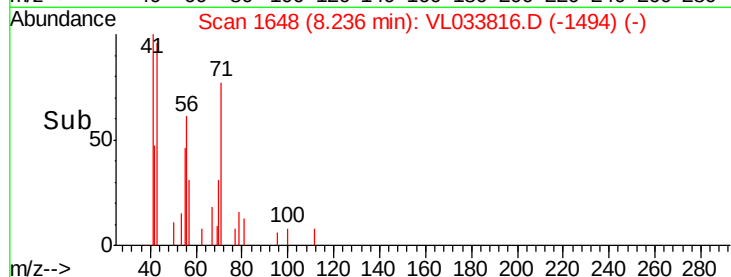
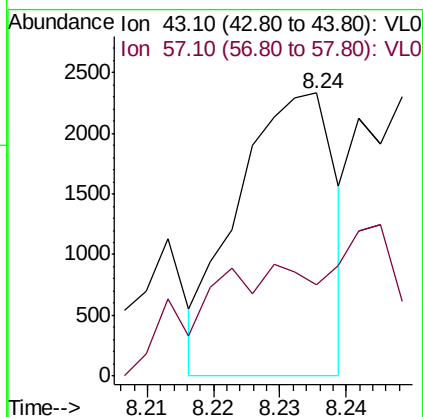
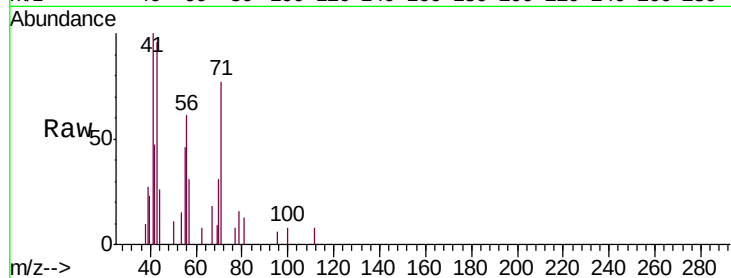




#10
 Heptane
 Concen: 0.026 ppbv
 RT: 8.24 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: VL033816.D
 Acq: 28 May 2019 23:53

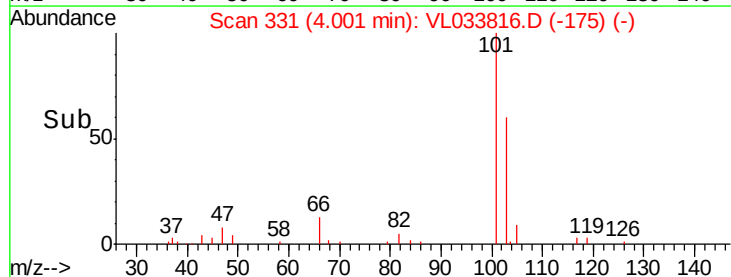
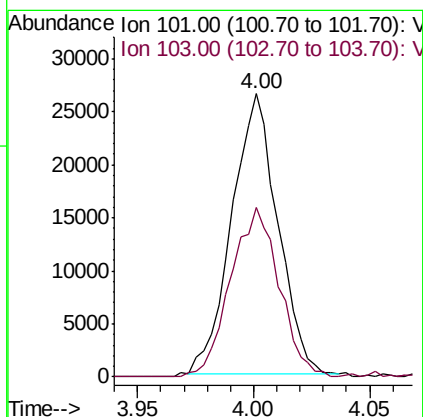
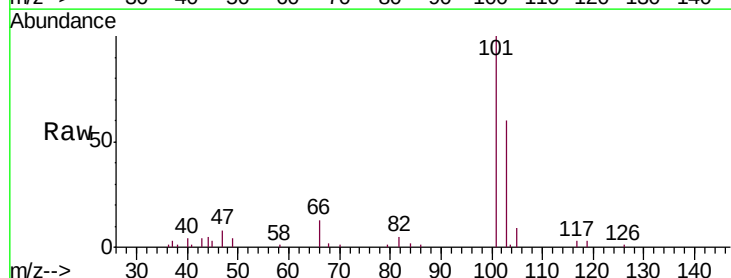
Instrument :
 MSVOA_L
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 BPS1-ODA-3004-04DUP

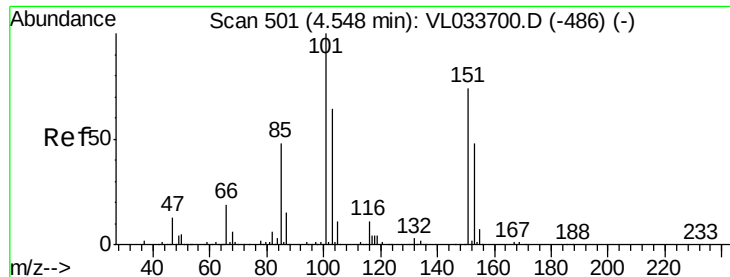
Tgt Ion: 43 Resp: 2385
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.4 62.0#



#11
 Trichlorofluoromethane
 Concen: 0.269 ppbv
 RT: 4.00 min Scan# 331
 Delta R.T. 0.00 min
 Lab File: VL033816.D
 Acq: 28 May 2019 23:53

Tgt Ion: 101 Resp: 36607
 Ion Ratio Lower Upper
 101 100
 103 61.2 52.6 78.8

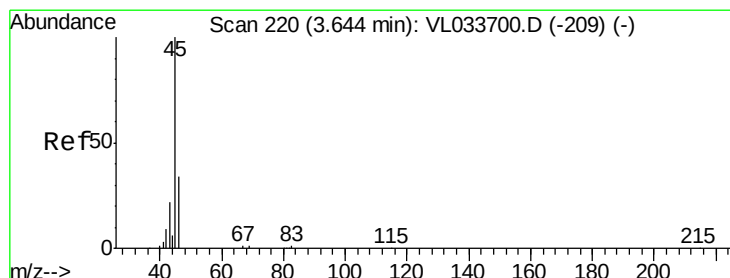
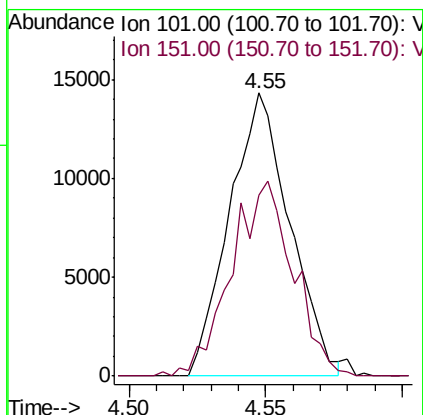
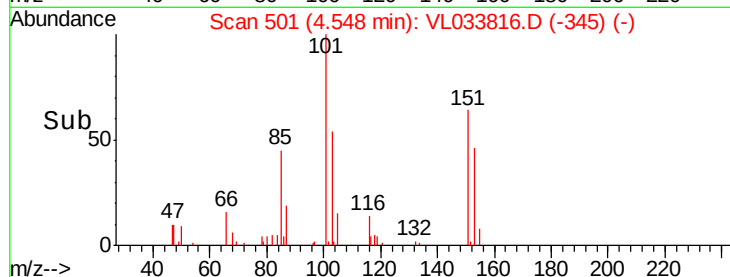
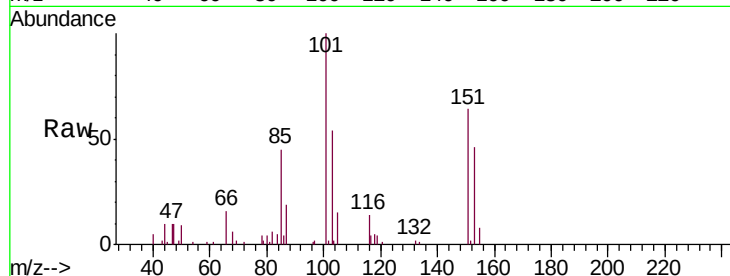




#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.232 ppbv
 RT: 4.55 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VL033816.D
 Acq: 28 May 2019 23:53

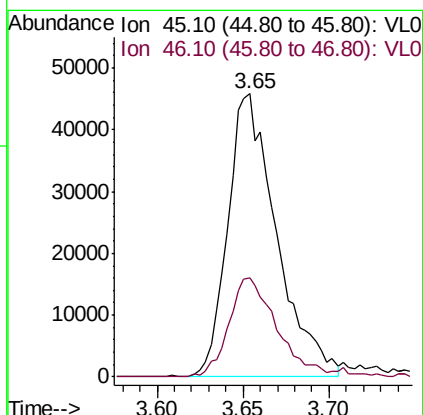
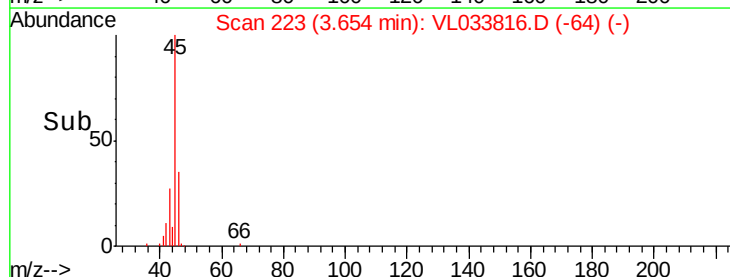
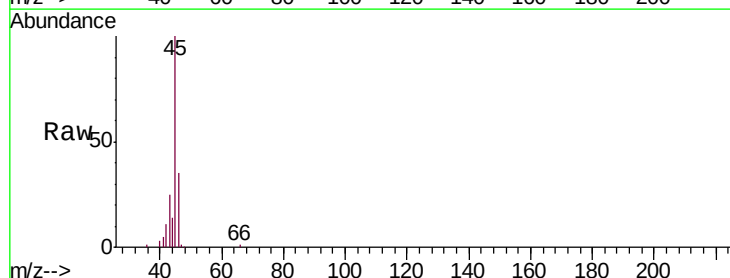
Instrument :
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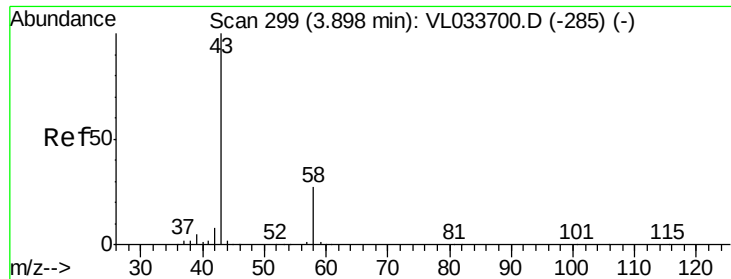
Tgt Ion: 101 Resp: 22057
 Ion Ratio Lower Upper
 101 100
 151 70.4 58.2 87.4



#13
 Ethanol
 Concen: 8.462 ppbv
 RT: 3.65 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VL033816.D
 Acq: 28 May 2019 23:53

Tgt Ion: 45 Resp: 90325
 Ion Ratio Lower Upper
 45 100
 46 35.7 14.8 59.0





#15

Acetone

Concen: 5.712 ppbv

RT: 3.89 min Scan# 298

Delta R.T. -0.00 min

Lab File: VL033816.D

Acq: 28 May 2019 23:53

Instrument :

MSVOA_L

ClientSampleId :

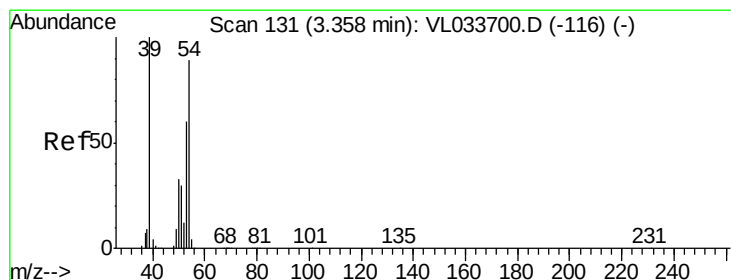
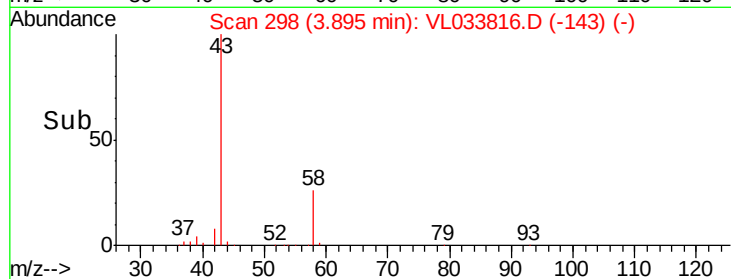
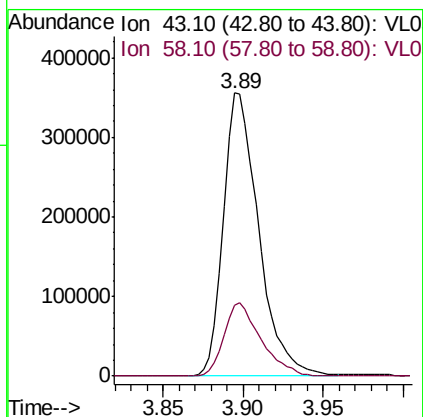
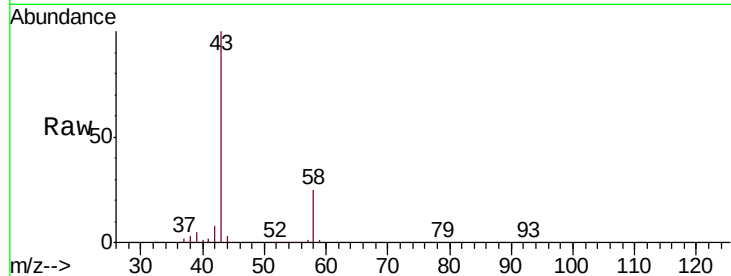
BPS1-ODA-3004-04DUP

Tgt Ion: 43 Resp: 537203

Ion Ratio Lower Upper

43 100

58 27.7 21.3 31.9



#16

1,3-Butadiene

Concen: 0.055 ppbv

RT: 3.35 min Scan# 127

Delta R.T. -0.01 min

Lab File: VL033816.D

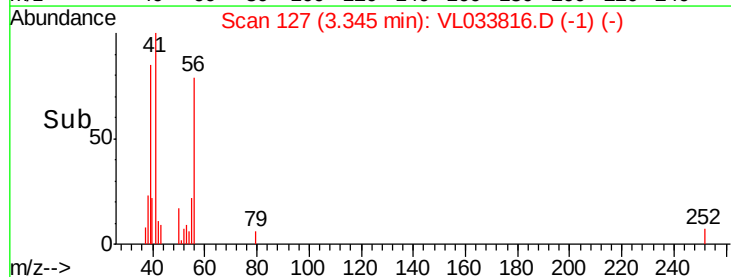
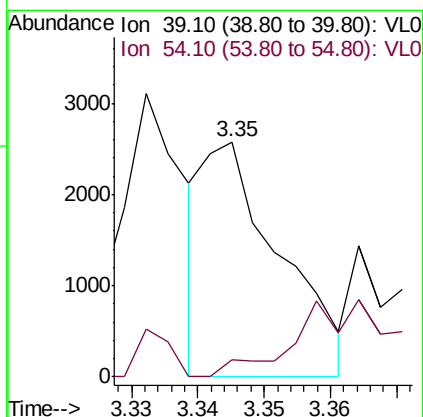
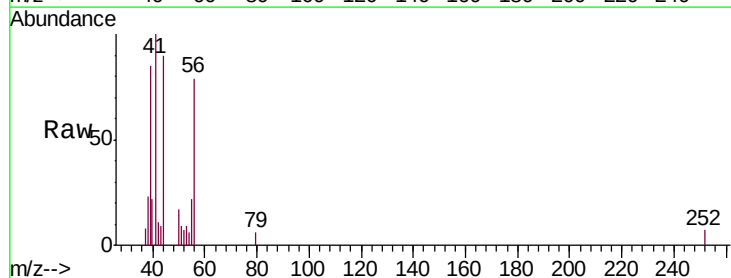
Acq: 28 May 2019 23:53

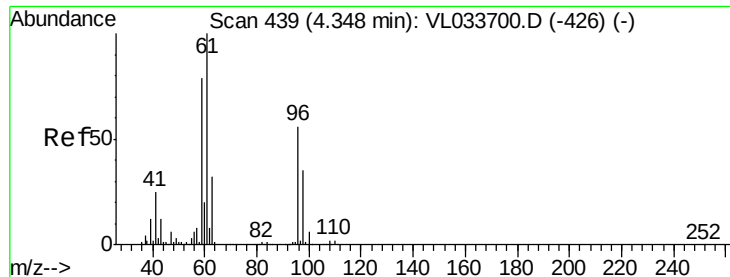
Tgt Ion: 39 Resp: 2066

Ion Ratio Lower Upper

39 100

54 0.0 69.0 103.6#

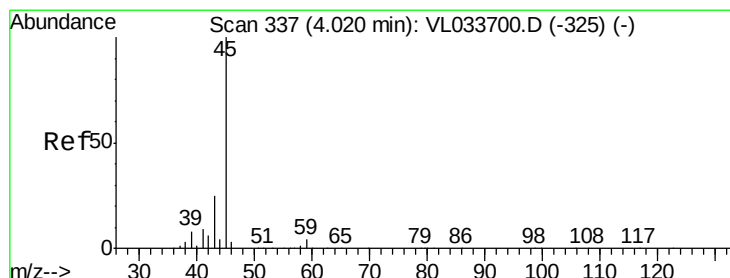
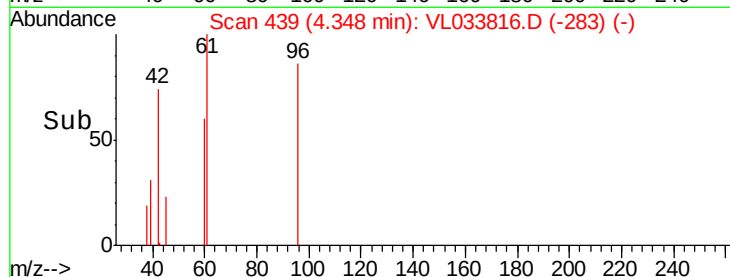
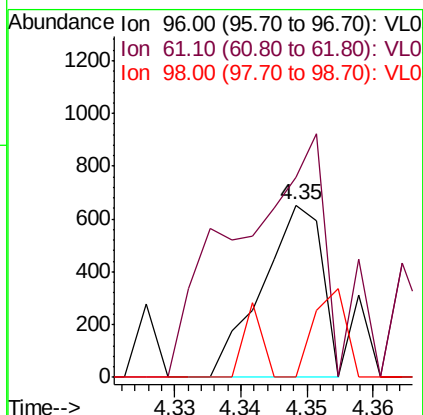
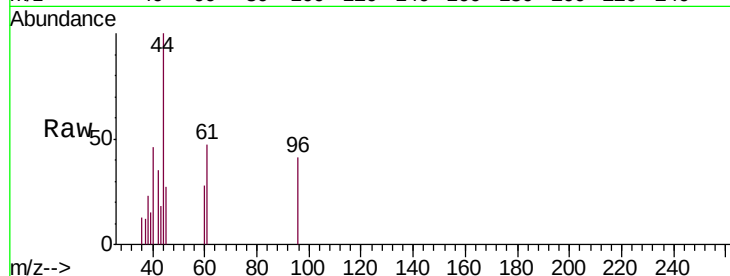




#18
 1,1-Dichloroethene
 Concen: 0.010 ppbv
 RT: 4.35 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: VL033816.D
 Acq: 28 May 2019 23:53

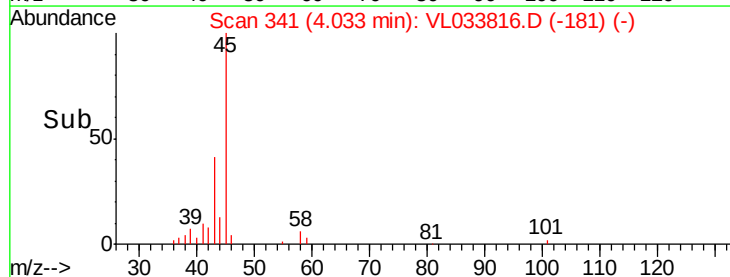
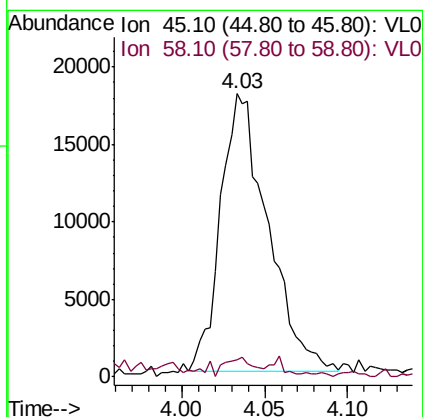
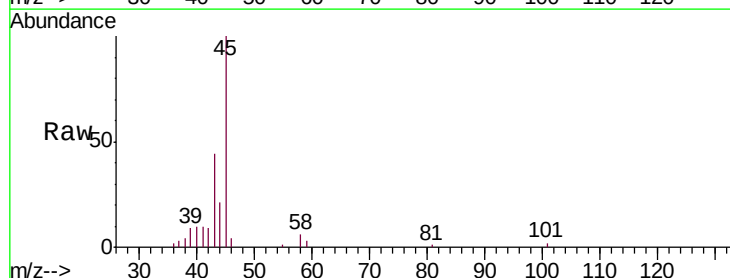
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3004-04DUP

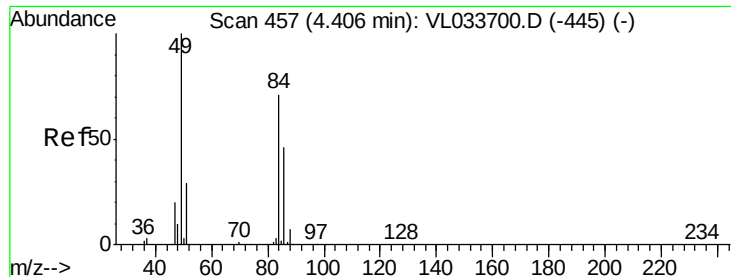
Tgt Ion: 96 Resp: 409
 Ion Ratio Lower Upper
 96 100
 61 116.1 143.1 214.7#
 98 0.0 49.5 74.3#



#19
 Isopropyl Alcohol
 Concen: 0.583 ppbv
 RT: 4.03 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VL033816.D
 Acq: 28 May 2019 23:53

Tgt Ion: 45 Resp: 35362
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.6 2.4#

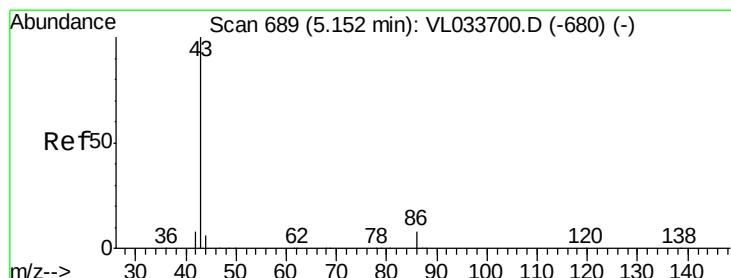
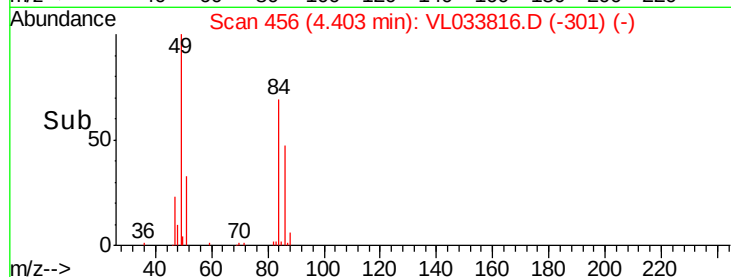
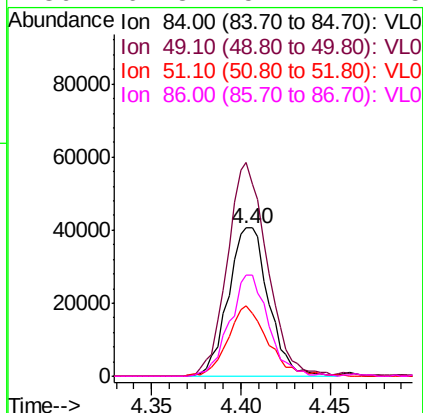
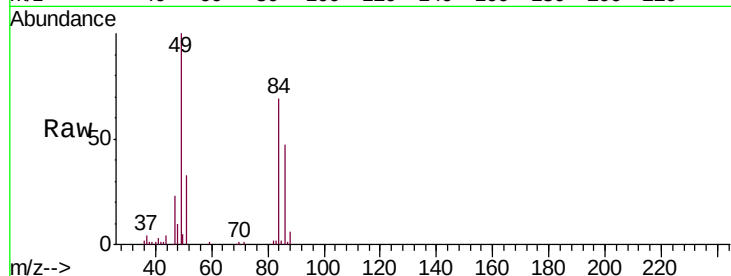




#20
Methylene Chloride
Concen: 1.757 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

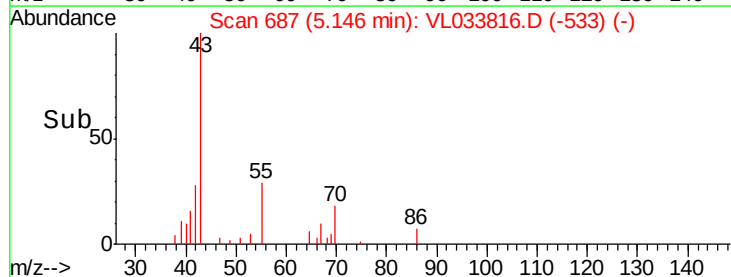
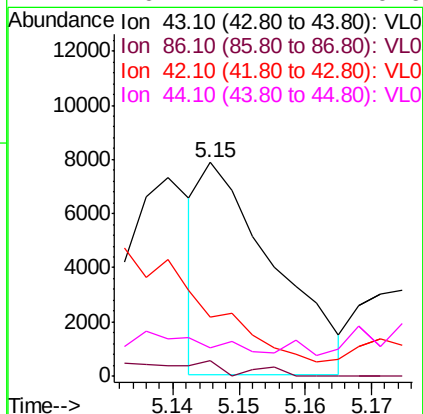
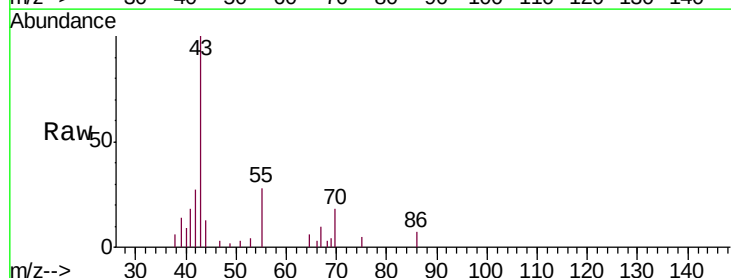
Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DUP

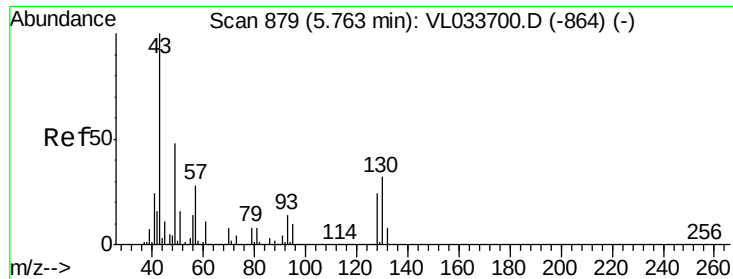
Tgt Ion:	84	Resp:	63610
Ion	Ratio	Lower	Upper
84	100		
49	150.2	112.8	169.2
51	46.8	33.4	50.0
86	67.8	51.7	77.5



#23
Vinyl Acetate
Concen: 0.048 ppbv
RT: 5.15 min Scan# 687
Delta R.T. -0.01 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

Tgt Ion:	43	Resp:	6013
Ion	Ratio	Lower	Upper
43	100		
86	8.9	6.0	9.0
42	24.4	7.5	11.3#
44	0.1	4.4	6.6#

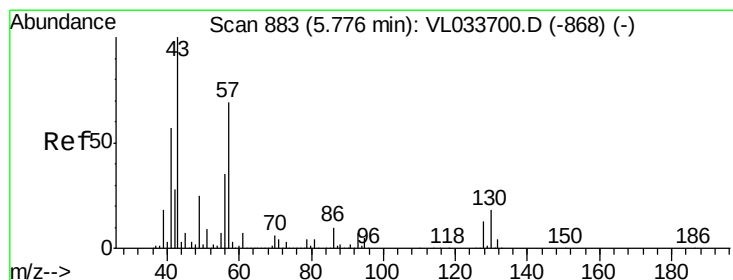
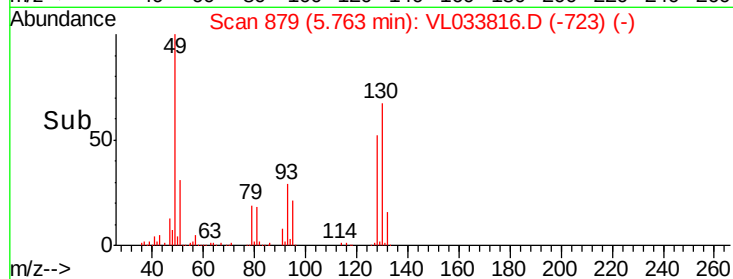
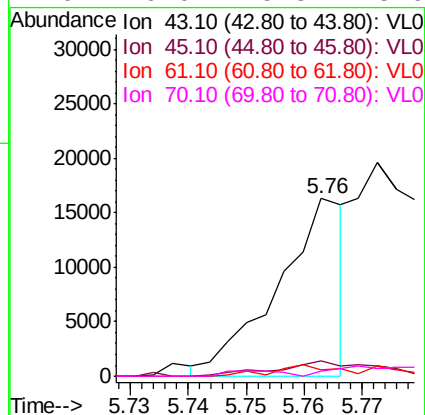
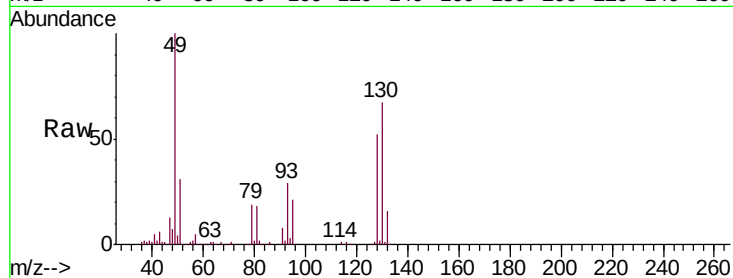




#25
Ethyl Acetate
Concen: 0.080 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.00 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

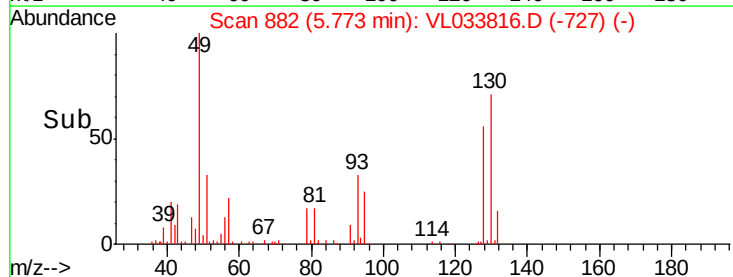
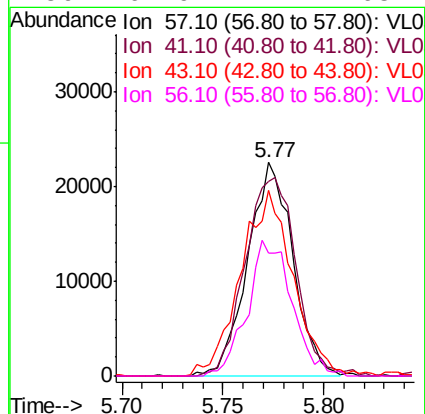
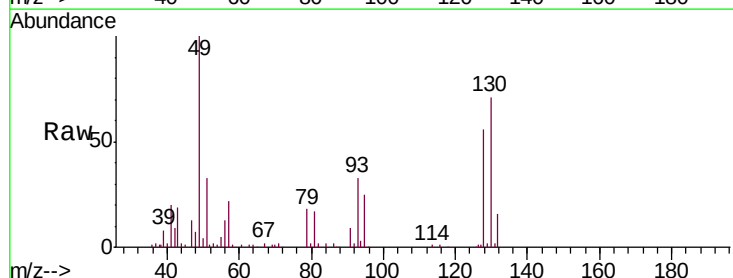
Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DUP

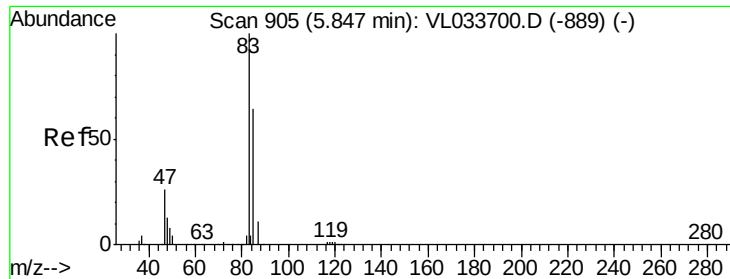
Tgt Ion:	43	Resp:	13136
Ion	Ratio	Lower	Upper
43	100		
45	14.8	7.9	11.9#
61	10.5	7.7	11.5
70	0.0	5.8	8.6#



#26
Hexane
Concen: 0.497 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

Tgt Ion:	57	Resp:	35289
Ion	Ratio	Lower	Upper
57	100		
41	105.9	69.8	104.6#
43	102.1	181.8	272.6#
56	62.9	42.1	63.1

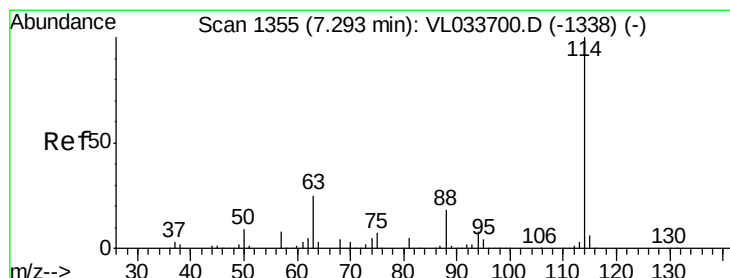
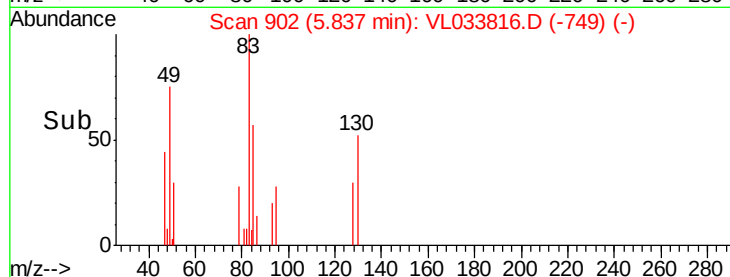
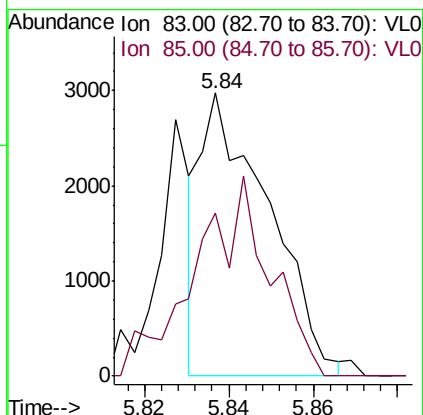
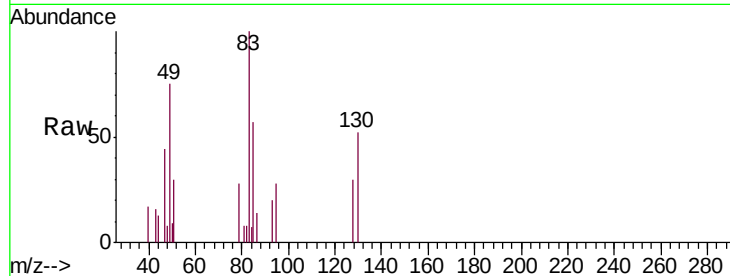




#29
Chloroform
Concen: 0.025 ppbv
RT: 5.84 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

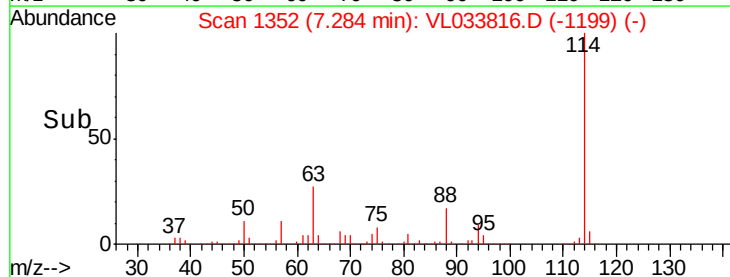
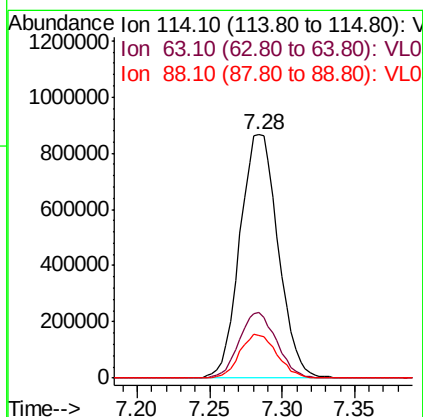
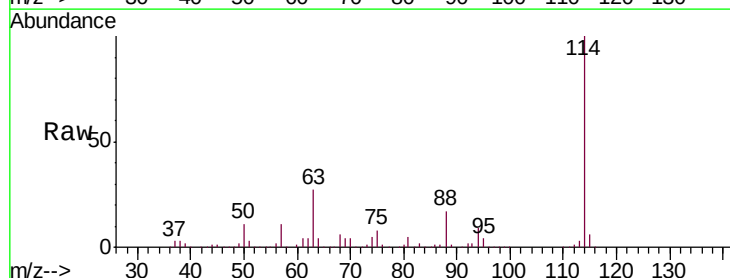
Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DUP

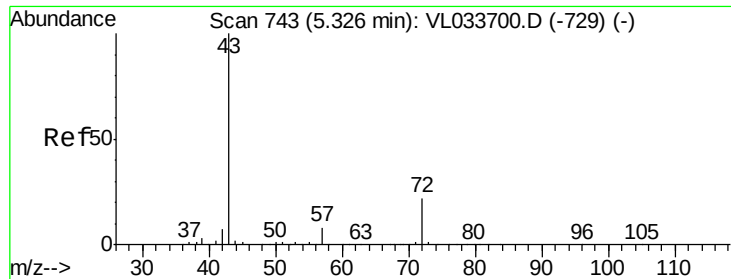
Tgt Ion: 83 Resp: 3327
Ion Ratio Lower Upper
83 100
85 60.7 51.5 77.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

Tgt Ion: 114 Resp: 1589870
Ion Ratio Lower Upper
114 100
63 26.4 20.9 31.3
88 17.5 14.3 21.5

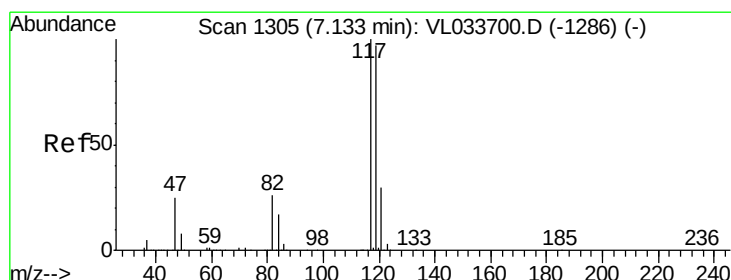
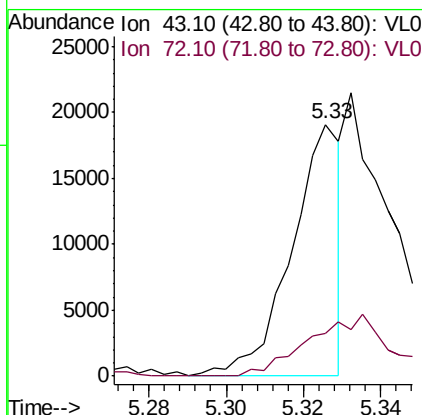
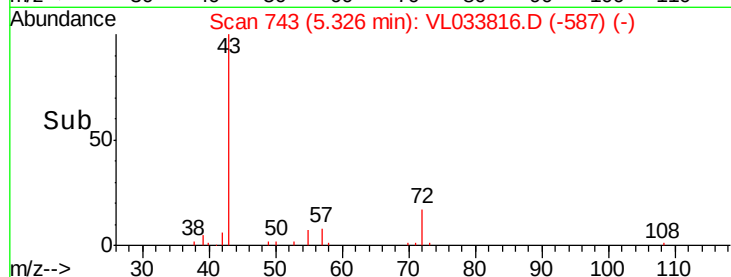
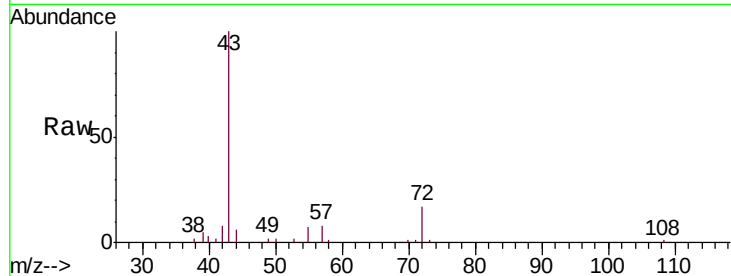




#34
2-Butanone
Concen: 0.171 ppbv
RT: 5.33 min Scan# 743
Delta R.T. 0.00 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

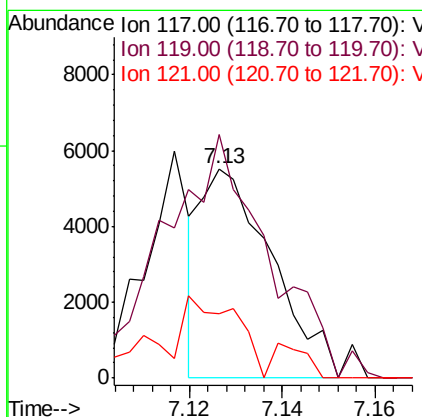
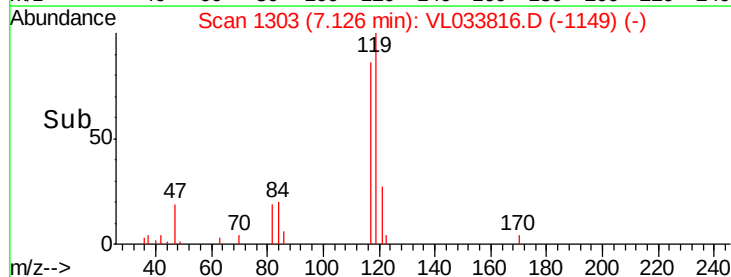
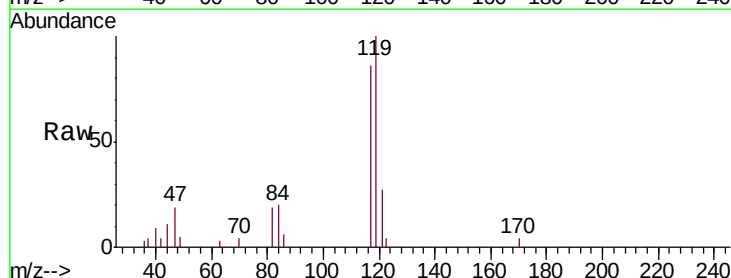
Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DUP

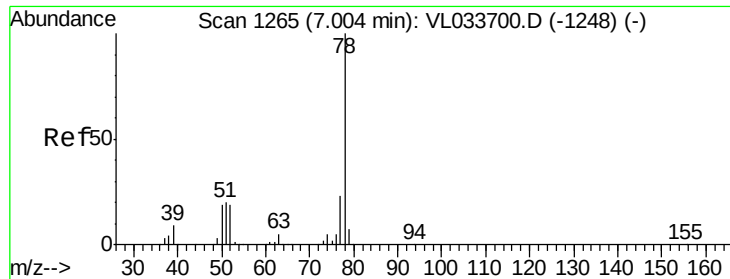
Tgt Ion: 43 Resp: 16888
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.6#



#35
Carbon Tetrachloride
Concen: 0.046 ppbv
RT: 7.13 min Scan# 1303
Delta R.T. -0.01 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

Tgt Ion: 117 Resp: 5835
Ion Ratio Lower Upper
117 100
119 116.4 77.2 115.8#
121 30.9 24.1 36.1





#36

Benzene

Concen: 0.044 ppbv

RT: 7.00 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VL033816.D

Acq: 28 May 2019 23:53

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3004-04DUP

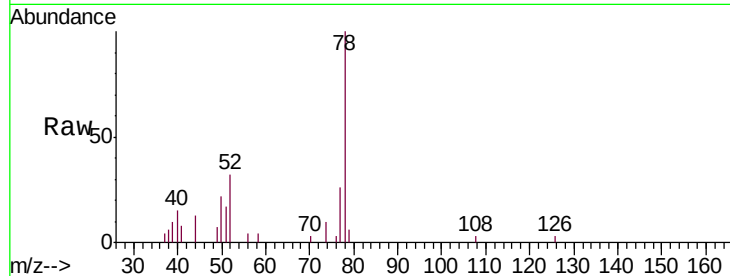
Tgt Ion: 78 Resp: 6358

Ion Ratio Lower Upper

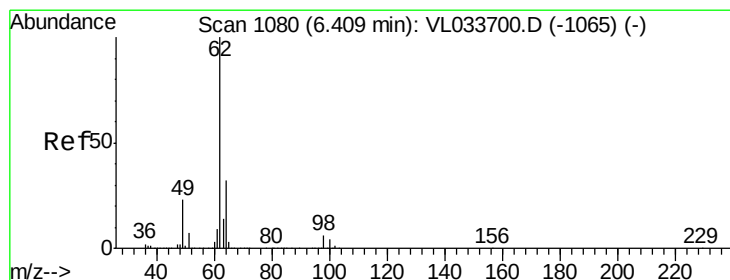
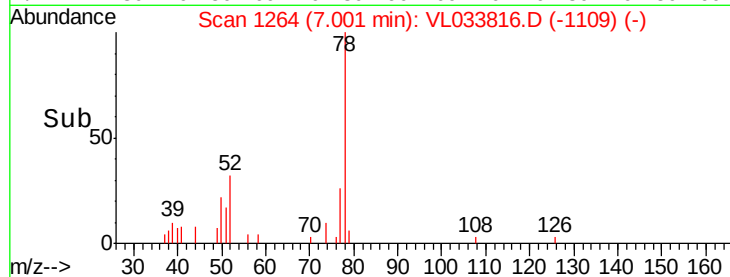
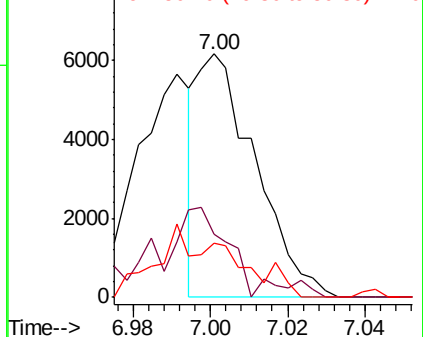
78 100

77 25.7 18.4 27.6

50 22.3 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: 6.40 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VL033816.D

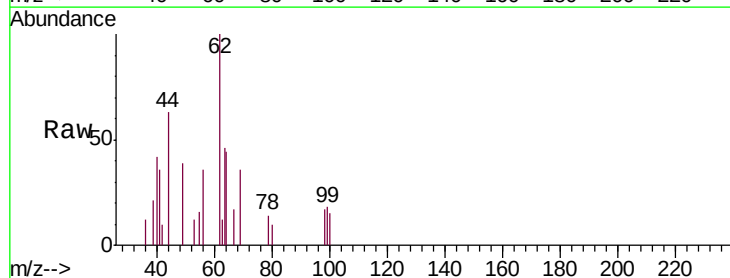
Acq: 28 May 2019 23:53

Tgt Ion: 62 Resp: 1276

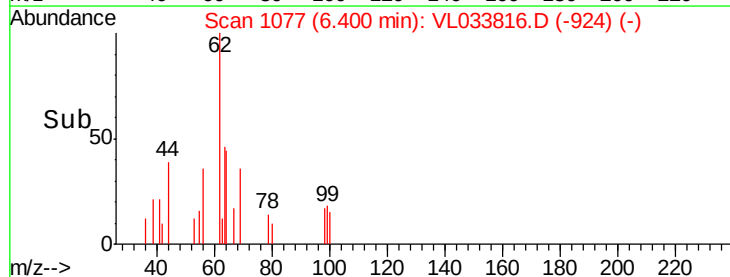
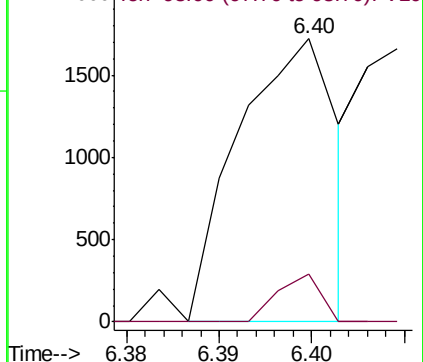
Ion Ratio Lower Upper

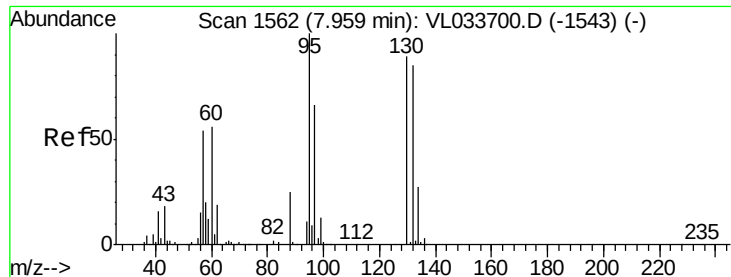
62 100

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: 0.026 ppbv

RT: 7.96 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VL033816.D

Acq: 28 May 2019 23:53

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3004-04DUP

Tgt Ion:130 Resp: 1370

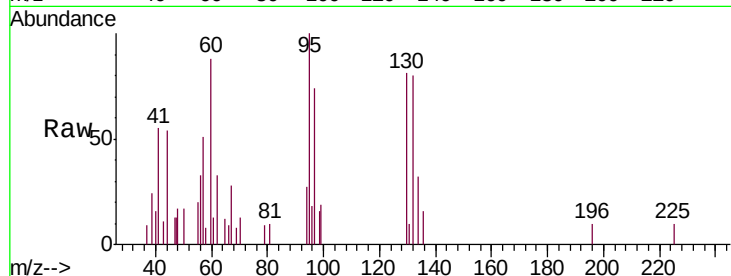
Ion Ratio Lower Upper

130 100

95 101.2 90.2 135.4

132 87.6 76.4 114.6

97 81.8 59.8 89.6

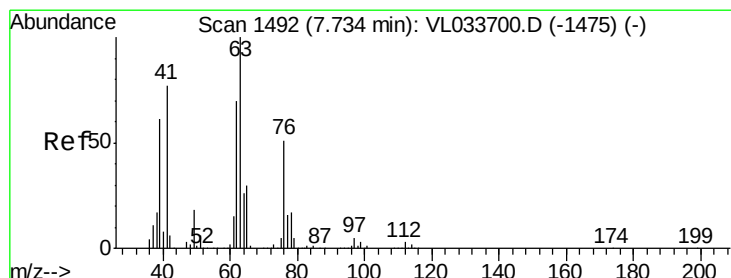
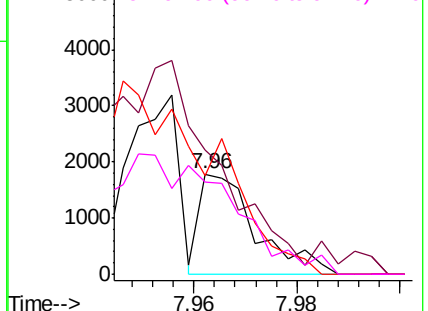
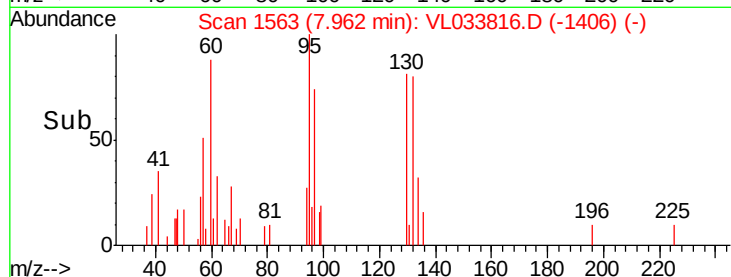


Abundance Ion 130.00 (129.70 to 130.70): V

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: 7.746 ppbv

RT: 7.28 min Scan# 1352

Delta R.T. -0.45 min

Lab File: VL033816.D

Acq: 28 May 2019 23:53

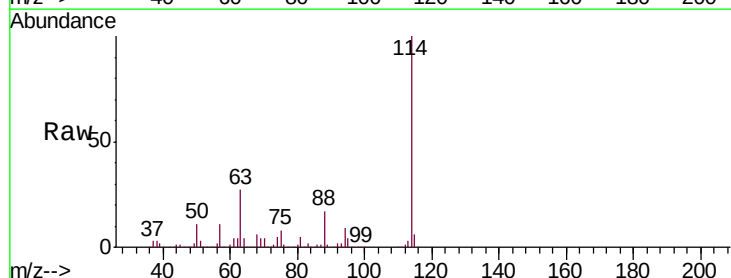
Tgt Ion: 63 Resp: 417649

Ion Ratio Lower Upper

63 100

41 0.0 61.5 92.3#

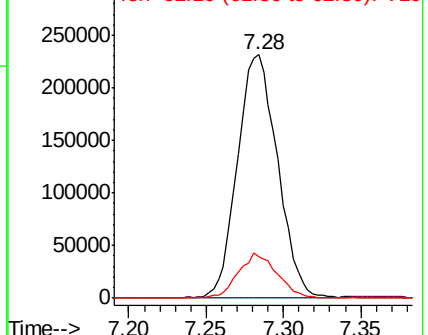
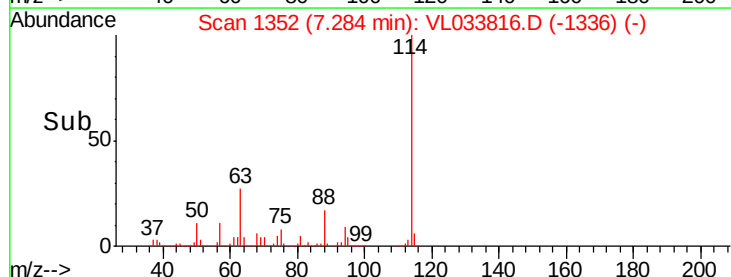
62 16.8 56.2 84.4#

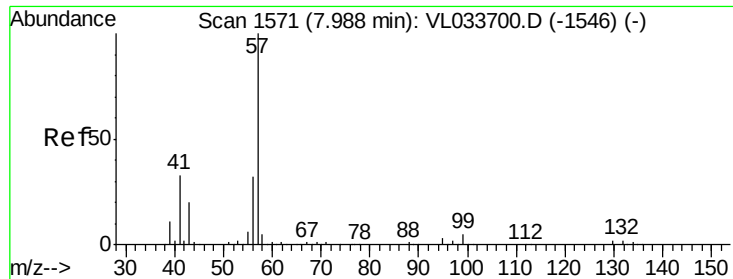


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.023 ppbv

RT: 7.98 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VL033816.D

Acq: 28 May 2019 23:53

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3004-04DUP

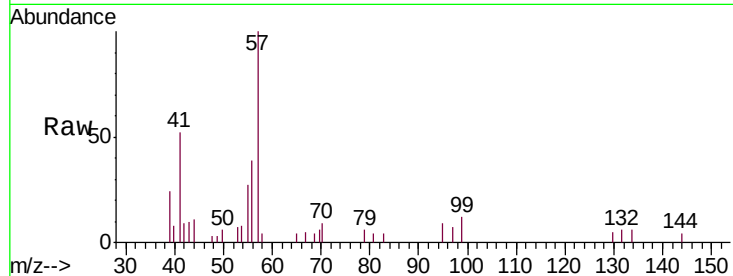
Tgt Ion: 57 Resp: 5586

Ion Ratio Lower Upper

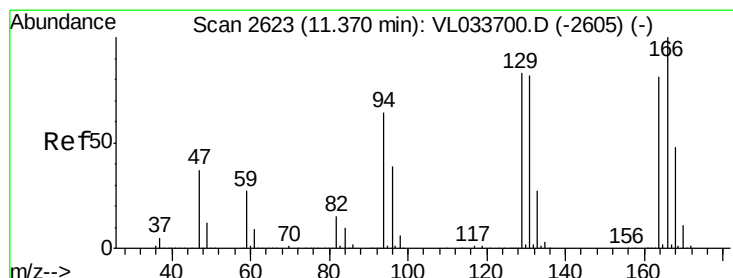
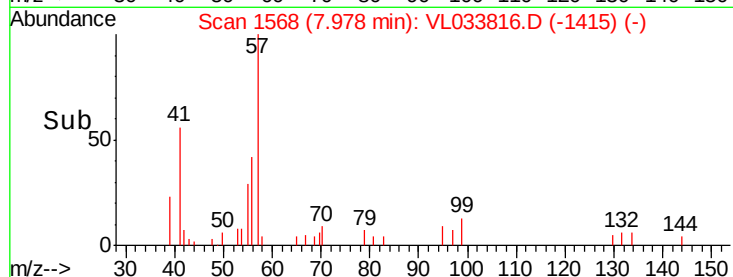
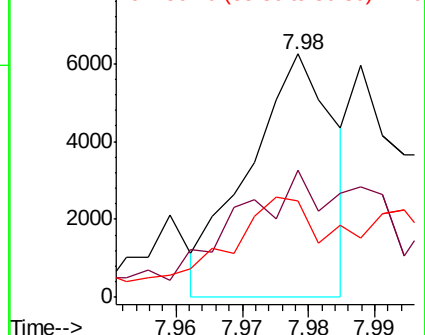
57 100

41 133.3 25.4 38.0#

56 101.0 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: 0.017 ppbv

RT: 11.36 min Scan# 2619

Delta R.T. -0.01 min

Lab File: VL033816.D

Acq: 28 May 2019 23:53

Tgt Ion: 164 Resp: 865

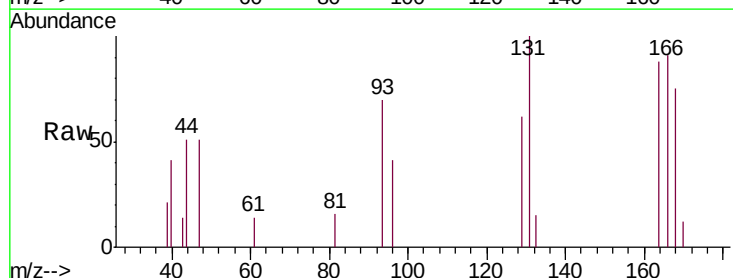
Ion Ratio Lower Upper

164 100

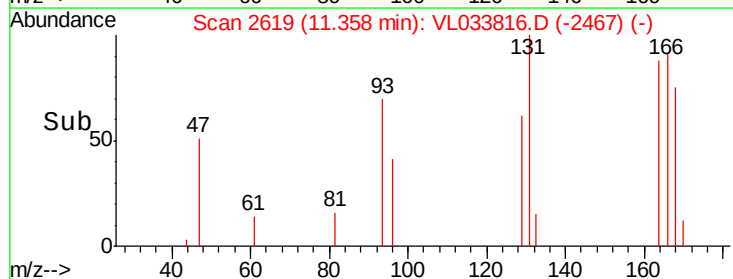
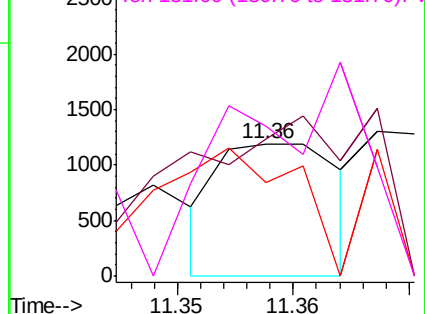
166 35.3 98.9 148.3#

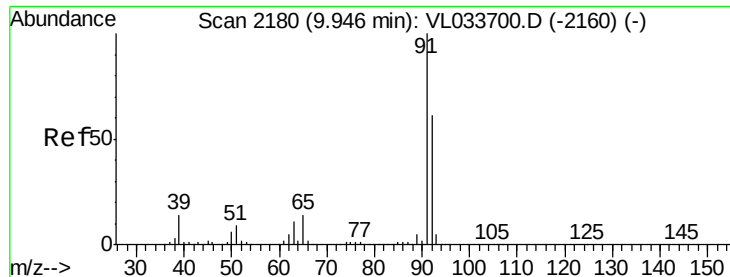
129 145.9 81.8 122.6#

131 90.2 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: 3.672 ppbv

RT: 9.94 min Scan# 2178

Delta R.T. -0.01 min

Lab File: VL033816.D

Acq: 28 May 2019 23:53

Instrument :

MSVOA_L

ClientSampleId :

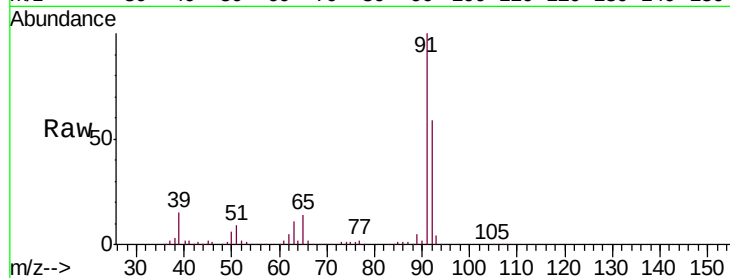
BPS1-ODA-3004-04DUP

Tgt Ion: 91 Resp: 572800

Ion Ratio Lower Upper

91 100

92 59.1 47.6 71.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

9.94

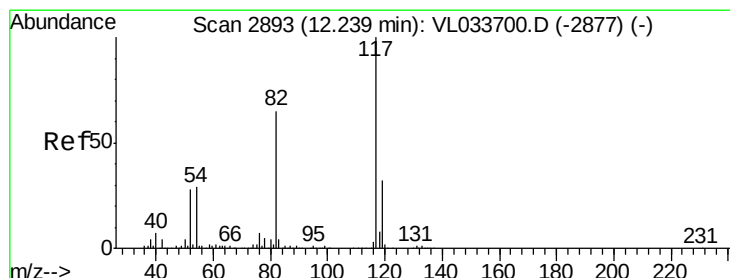
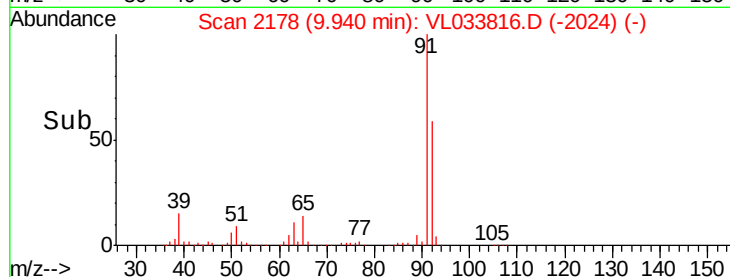
300000

200000

100000

0

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.23 min Scan# 2890

Delta R.T. -0.01 min

Lab File: VL033816.D

Acq: 28 May 2019 23:53

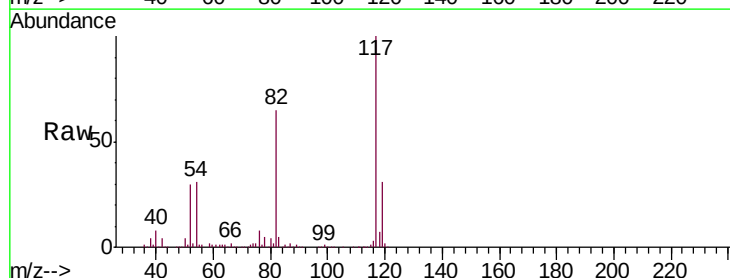
Tgt Ion: 117 Resp: 1581203

Ion Ratio Lower Upper

117 100

82 67.2 49.4 74.0

119 32.5 24.9 37.3



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

12.23

1000000

800000

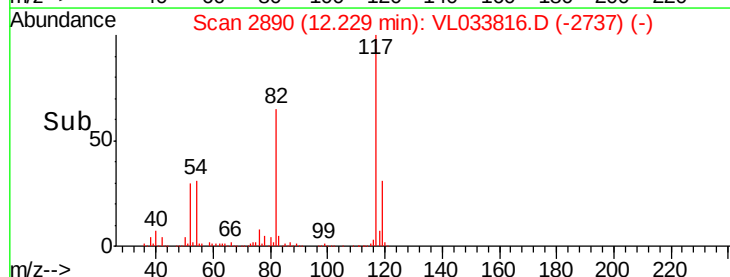
600000

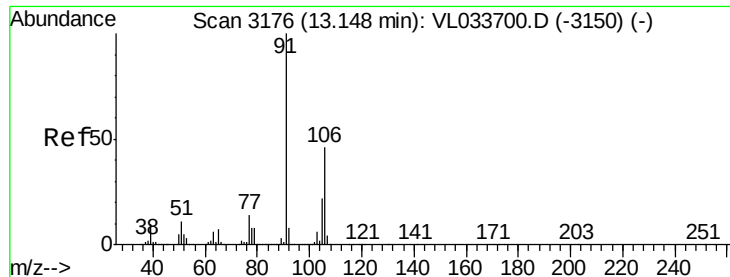
400000

200000

0

Time-->

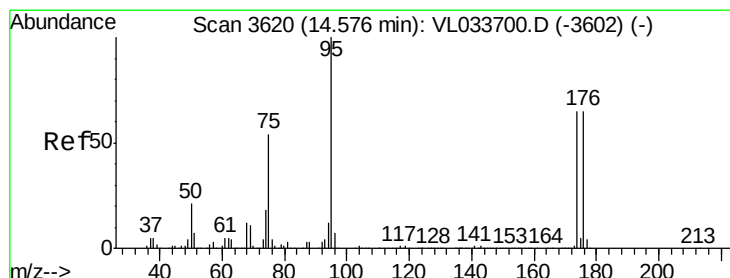
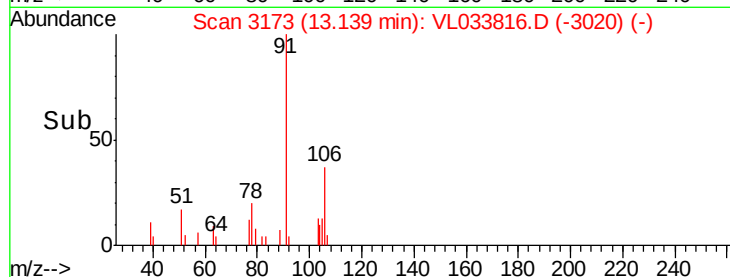
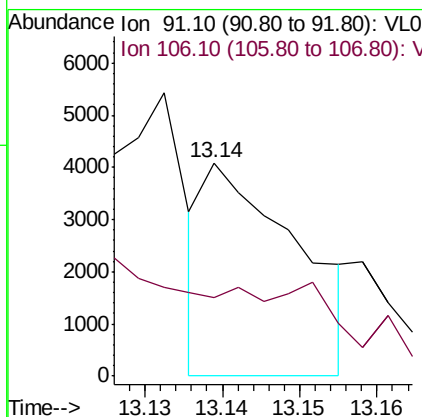
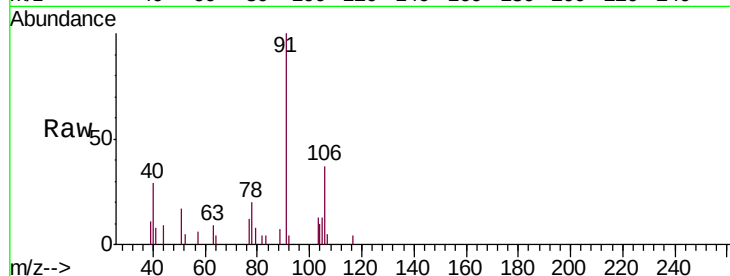




#59
m/p-Xylene
Concen: 0.019 ppbv
RT: 13.14 min Scan# 3173
Delta R.T. -0.01 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

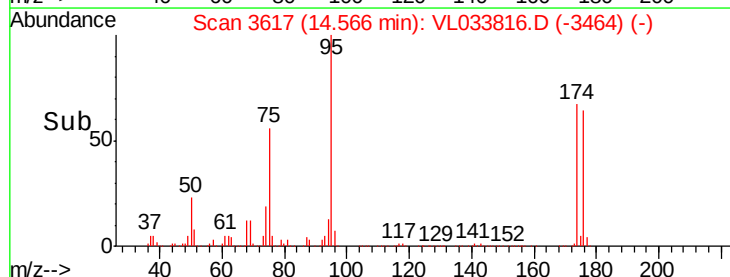
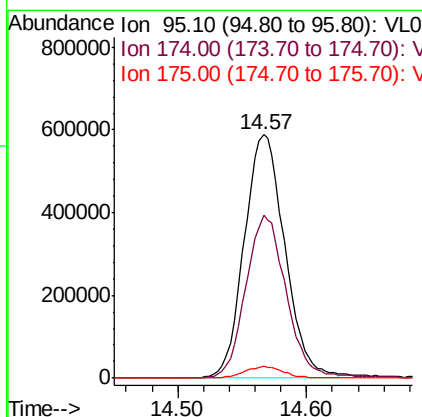
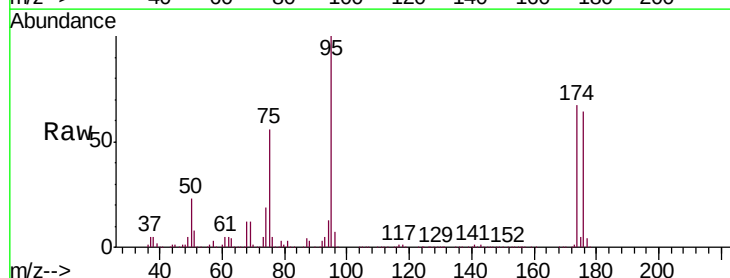
Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DUP

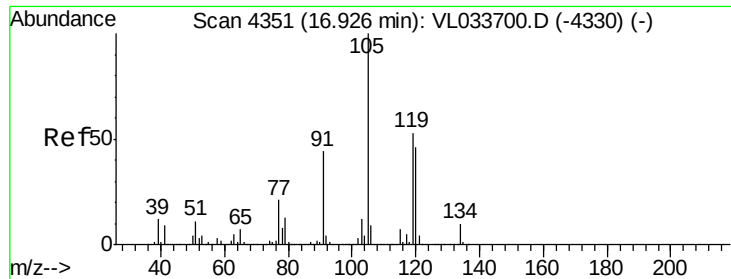
Tgt Ion: 91 Resp: 3432
Ion Ratio Lower Upper
91 100
106 0.0 35.8 53.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.078 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033816.D
Acq: 28 May 2019 23:53

Tgt Ion: 95 Resp: 1291833
Ion Ratio Lower Upper
95 100
174 67.2 53.9 80.9
175 4.7 3.8 5.8





#74
 1,2,4-Trimethylbenzene
 Concen: 0.043 ppbv
 RT: 16.91 min Scan# 4346
 Delta R.T. -0.02 min
 Lab File: VL033816.D
 Acq: 28 May 2019 23:53

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3004-04DUP

Tgt Ion:	105	Resp:	9558
Ion	Ratio	Lower	Upper
105	100		
120	44.8	36.8	55.2
91	5.5	35.4	53.0#
77	16.7	16.8	25.2#

