

Data File : VL033747.D
Acq On : 22 May 2019 16:52
Operator : SY/AP
Sample : K2929-10
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04

Quant Time: May 23 04:22:12 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	946524	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2216002	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	2273345	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1778694	9.65	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

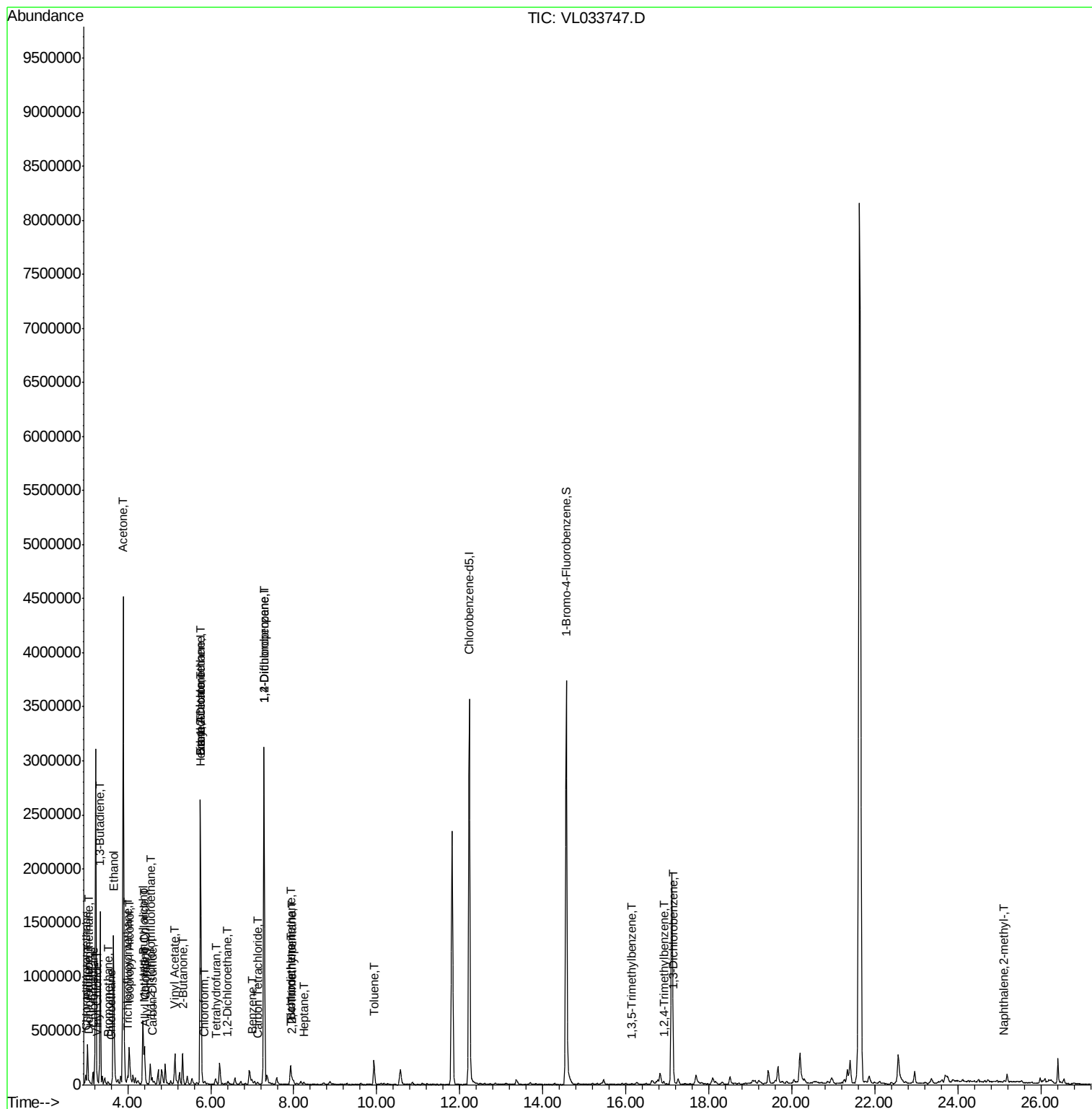
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.07	85	28406	0.142	ppbv	96
3) Chlorodifluoromethane	2.99	51	76358	0.704	ppbv #	72
4) Chloromethane	3.17	50	93910	1.514	ppbv	99
5) Vinyl Chloride	3.28	62	2284	0.036	ppbv #	87
6) Bromomethane	3.51	94	593	0.015	ppbv #	58
7) Chloroethane	3.59	64	225	0.010	ppbv #	70
9) Propene	3.03	41	135509	2.938	ppbv	96
10) Heptane	8.24	43	8504	0.065	ppbv #	82
11) Trichlorofluoromethane	4.00	101	44948	0.236	ppbv	87
12) 1,1,2-Trichlorotrifluoroet	4.54	101	64610	0.486	ppbv	98
13) Ethanol	3.66	45	1563857	104.920	ppbv	99
15) Acetone	3.89	43	4482142	34.130	ppbv	90
16) 1,3-Butadiene	3.34	39	431989	8.260	ppbv #	11
17) tert-Butyl alcohol	4.37	59	504690	4.753	ppbv	99
19) Isopropyl Alcohol	4.03	45	374852	4.427	ppbv #	1
20) Methylene Chloride	4.40	84	95387	1.886	ppbv	93
21) Allyl Chloride	4.43	41	3214	0.039	ppbv #	22
23) Vinyl Acetate	5.14	43	193016	1.115	ppbv #	70
25) Ethyl Acetate	5.76	43	426618	1.849	ppbv #	95
26) Hexane	5.77	57	96379	0.972	ppbv #	13
27) Carbon Disulfide	4.61	76	2136	0.016	ppbv #	65
29) Chloroform	5.84	83	4093	0.022	ppbv #	83
31) cis-1,2-Dichloroethene	5.75	61	45334	0.461	ppbv #	28
34) 2-Butanone	5.32	43	311694	2.269	ppbv	99
35) Carbon Tetrachloride	7.12	117	9149	0.052	ppbv	90
36) Benzene	7.00	78	12864	0.064	ppbv	96
37) 1,2-Dichloroethane	6.40	62	1500	0.012	ppbv #	83
38) Trichloroethene	7.94	130	8049	0.108	ppbv	87
39) 1,2-Dichloropropane	7.28	63	566701	7.540	ppbv #	22
41) Tetrahydrofuran	6.15	42	1631	0.021	ppbv #	37
42) Bromodichloromethane	7.91	83	2103	0.012	ppbv #	39
44) 2,2,4-Trimethylpentane	7.98	57	10117	0.030	ppbv #	4
53) Toluene	9.93	91	156207	0.718	ppbv	96
73) 1,3,5-Trimethylbenzene	16.14	105	4256	0.014	ppbv #	82
74) 1,2,4-Trimethylbenzene	16.91	105	3704	0.012	ppbv #	38
75) 1,3-Dichlorobenzene	17.15	146	19280	0.098	ppbv #	10
80) Naphthalene,2-methyl-	25.11	142	4628	0.041	ppbv	88

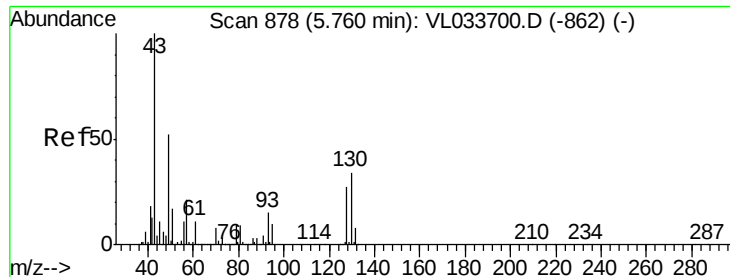
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 875

Delta R.T. -0.01 min

Lab File: VL033747.D

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Instrument :

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BPS1-ODA-3002-04

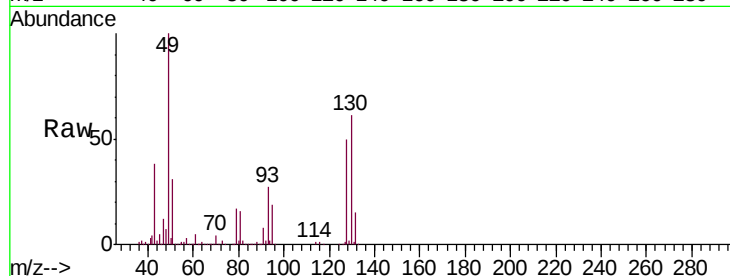
Tgt Ion: 49 Resp: 946524

Ion Ratio Lower Upper

49 100

128 51.7 25.2 75.6

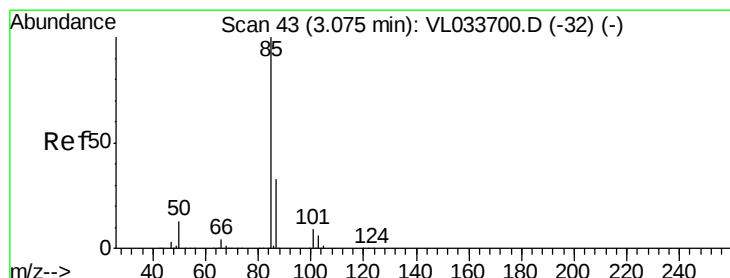
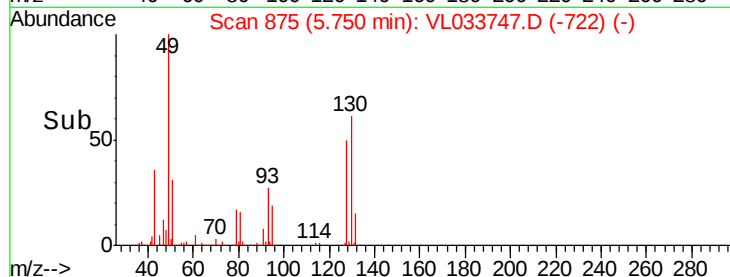
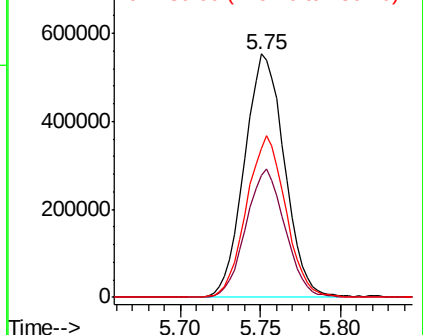
130 65.6 32.5 97.5



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: 0.142 ppbv

RT: 3.07 min Scan# 42

Delta R.T. -0.00 min

Lab File: VL033747.D

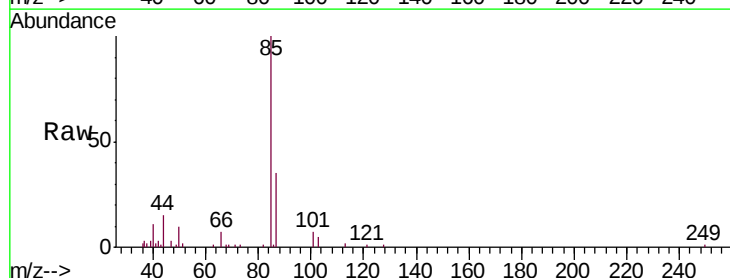
Acq: 22 May 2019 16:52

Tgt Ion: 85 Resp: 28406

Ion Ratio Lower Upper

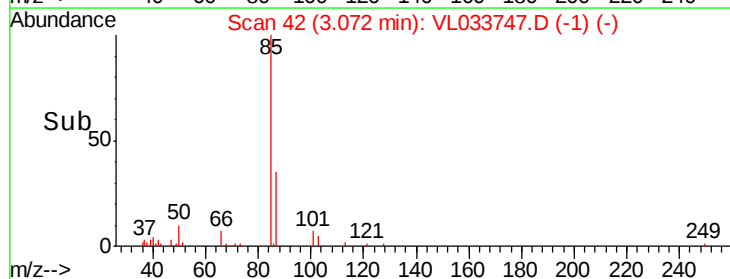
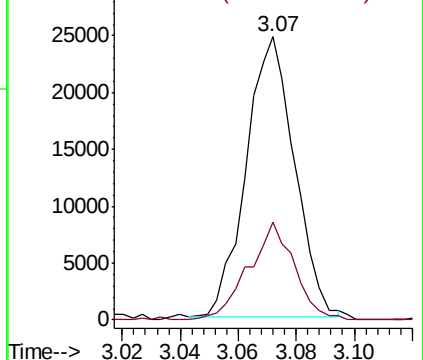
85 100

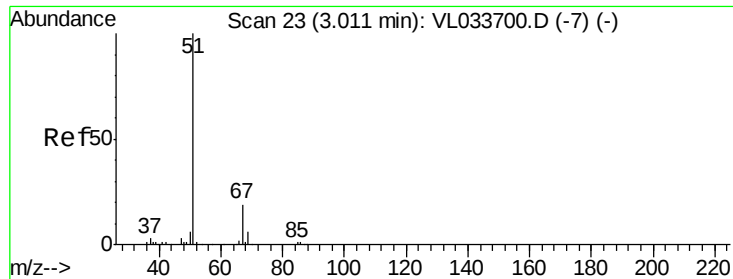
87 35.1 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

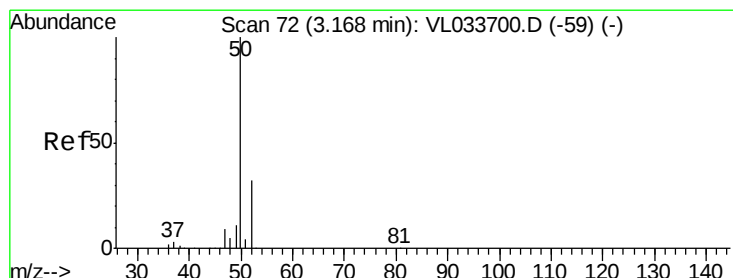
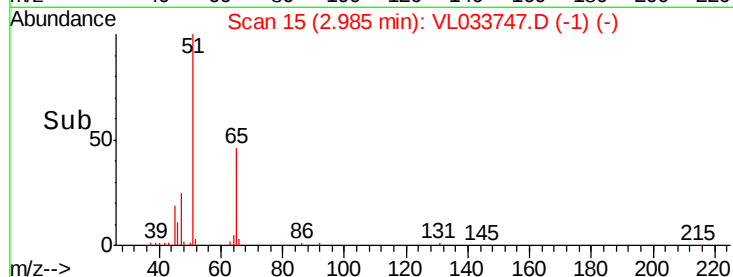
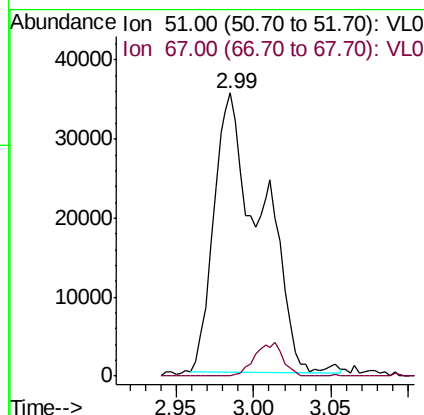
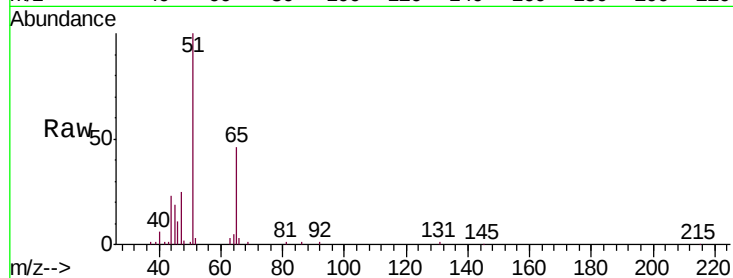




#3
 Chlorodifluoromethane
 Concen: 0.704 ppbv
 RT: 2.99 min Scan# 15
 Delta R.T. -0.03 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

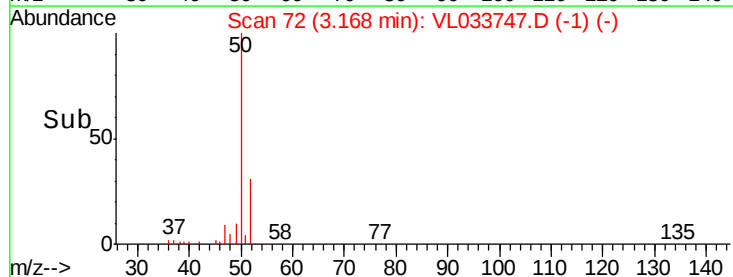
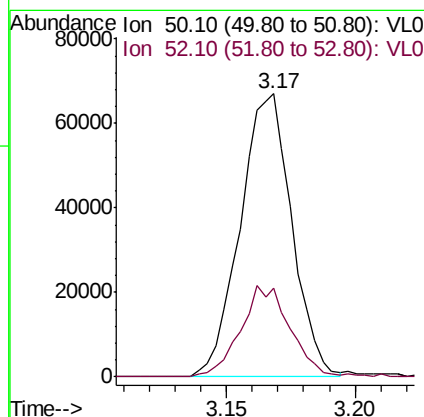
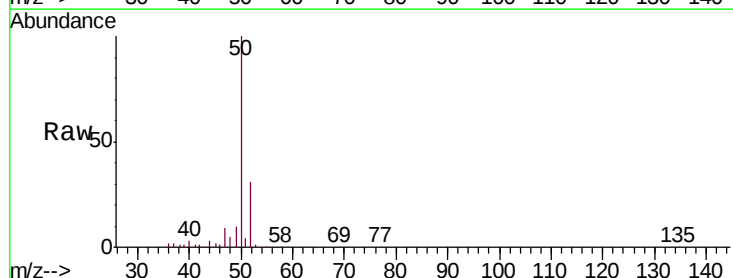
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3002-04

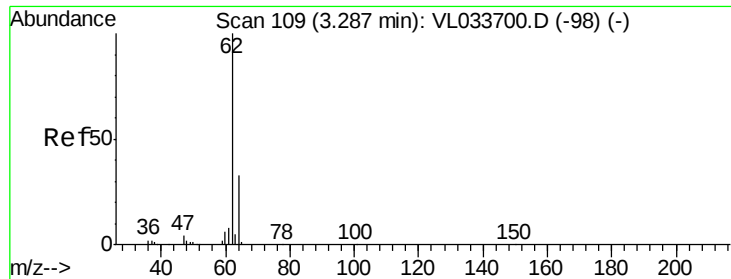
Tgt Ion: 51 Resp: 76358
 Ion Ratio Lower Upper
 51 100
 67 7.0 15.6 23.4#



#4
 Chloromethane
 Concen: 1.514 ppbv
 RT: 3.17 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

Tgt Ion: 50 Resp: 93910
 Ion Ratio Lower Upper
 50 100
 52 31.3 25.7 38.5





#5

Vinyl Chloride

Concen: 0.036 ppbv

RT: 3.28 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

Instrument :

MSVOA_L

ClientSampleId :

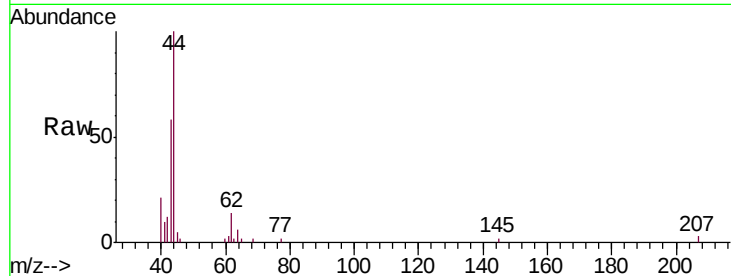
BPS1-ODA-3002-04

Tgt Ion: 62 Resp: 2284

Ion Ratio Lower Upper

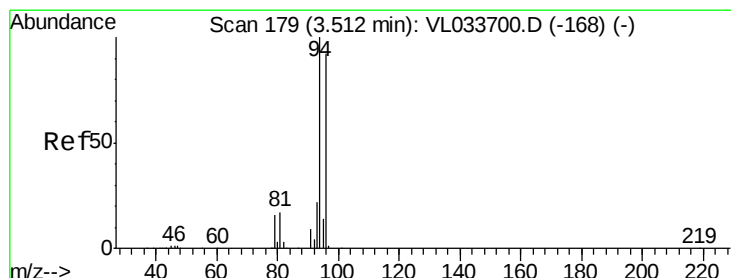
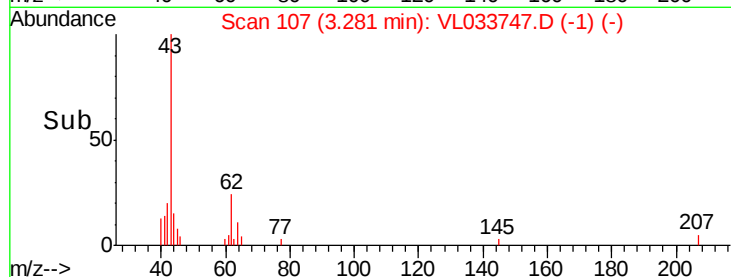
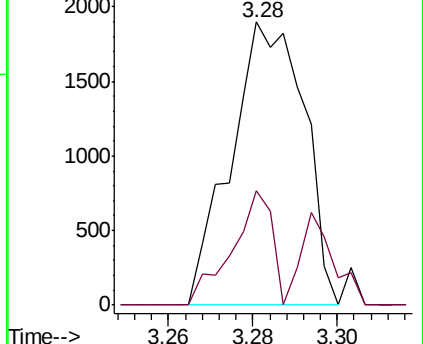
62 100

64 40.5 26.4 39.6#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.015 ppbv

RT: 3.51 min Scan# 179

Delta R.T. 0.00 min

Lab File: VL033747.D

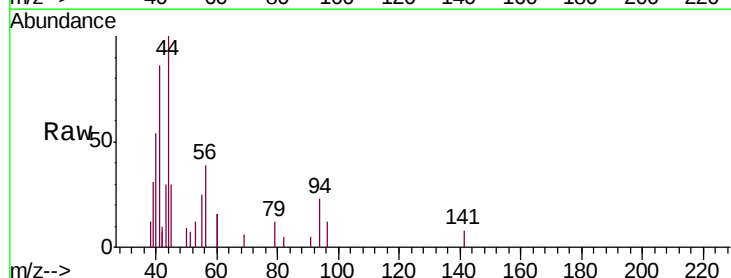
Acq: 22 May 2019 16:52

Tgt Ion: 94 Resp: 593

Ion Ratio Lower Upper

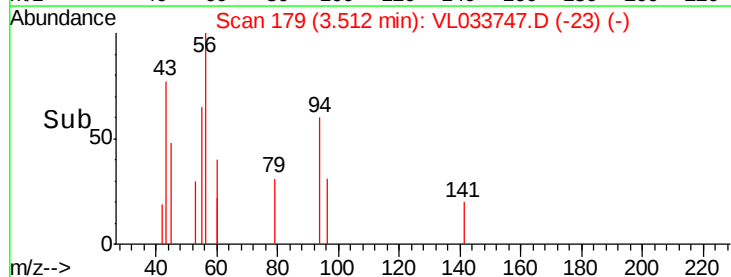
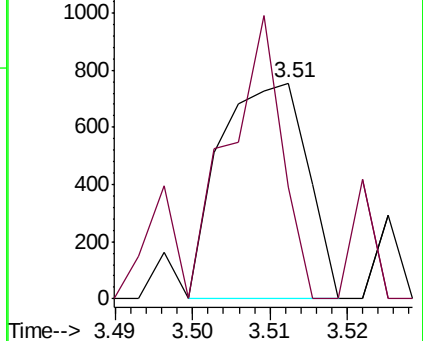
94 100

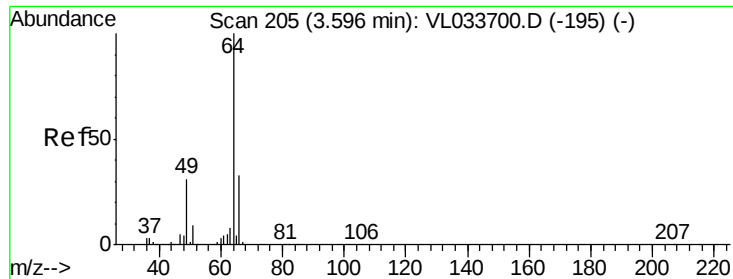
96 51.9 73.6 110.4#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.010 ppbv

RT: 3.59 min Scan# 202

Delta R.T. -0.01 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

Instrument :

MSVOA_L

ClientSampleId :

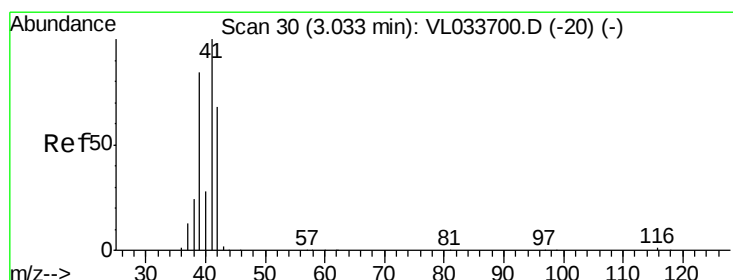
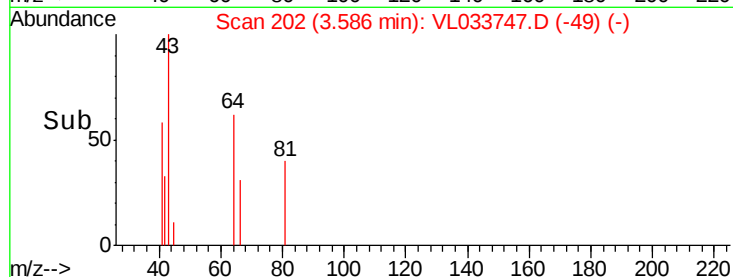
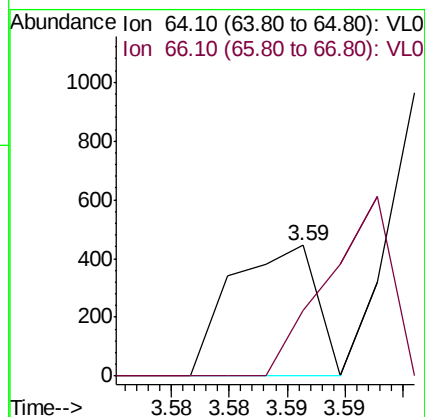
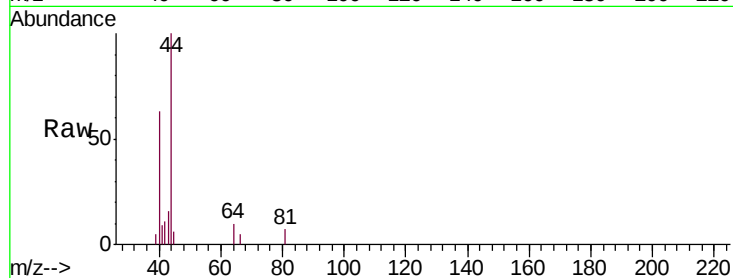
BPS1-ODA-3002-04

Tgt Ion: 64 Resp: 225

Ion Ratio Lower Upper

64 100

66 50.2 26.6 40.0#



#9

Propene

Concen: 2.938 ppbv

RT: 3.03 min Scan# 29

Delta R.T. -0.00 min

Lab File: VL033747.D

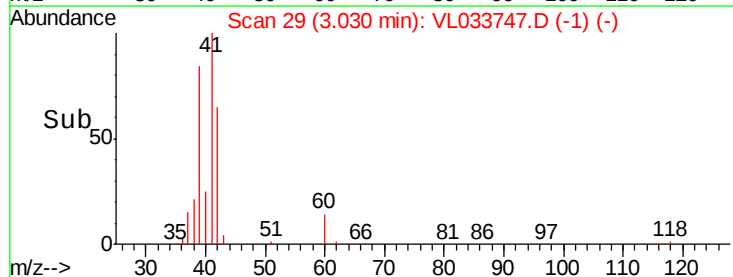
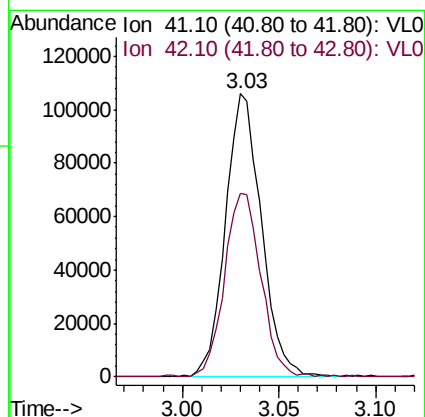
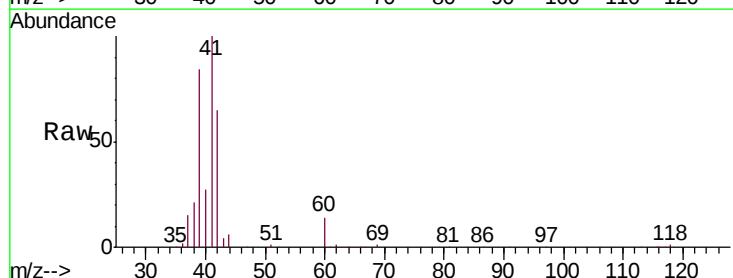
Acq: 22 May 2019 16:52

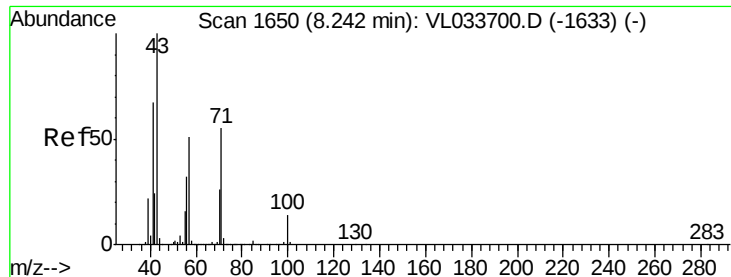
Tgt Ion: 41 Resp: 135509

Ion Ratio Lower Upper

41 100

42 67.0 56.1 84.1

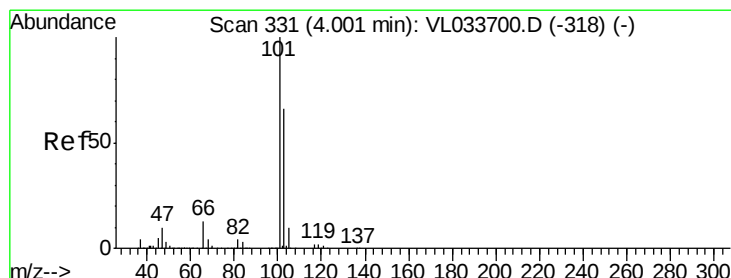
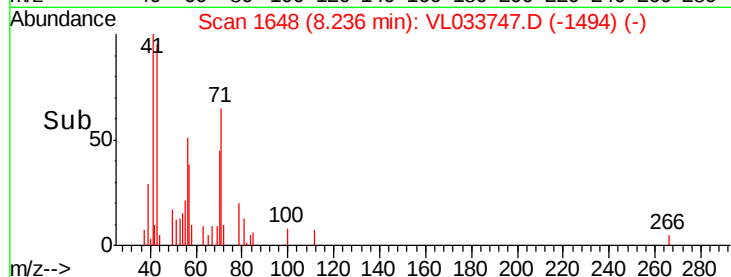
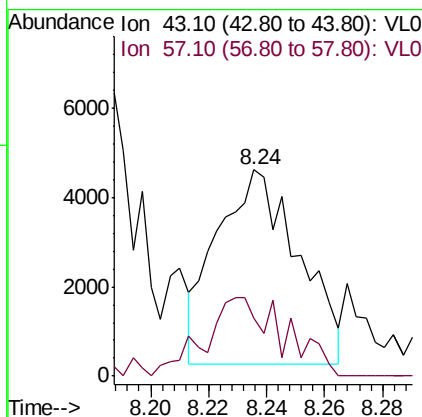
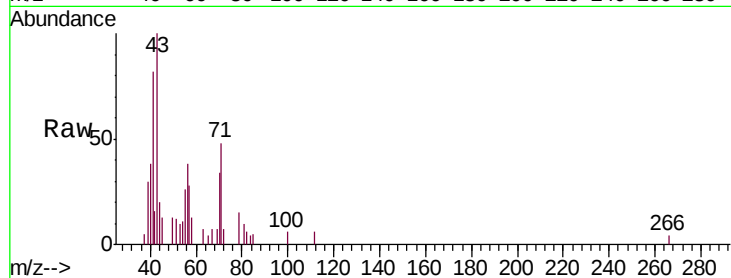




#10
 Heptane
 Concen: 0.065 ppbv
 RT: 8.24 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

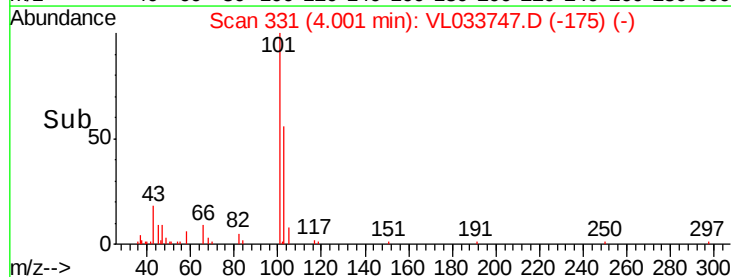
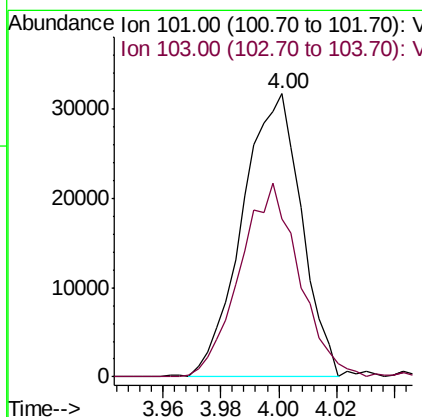
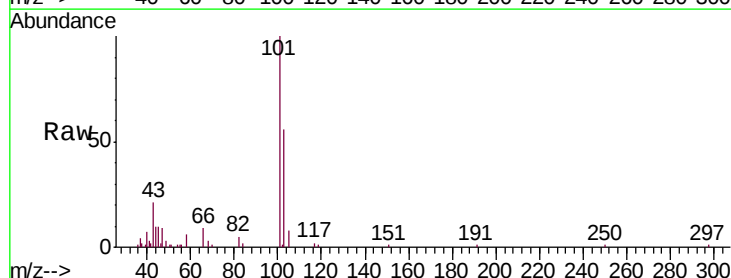
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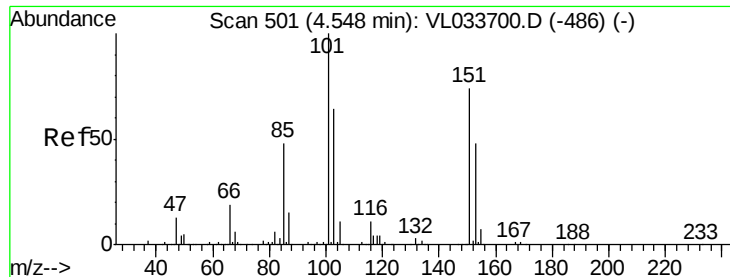
Tgt Ion: 43 Resp: 8504
 Ion Ratio Lower Upper
 43 100
 57 39.1 41.4 62.0#



#11
 Trichlorofluoromethane
 Concen: 0.236 ppbv
 RT: 4.00 min Scan# 331
 Delta R.T. 0.00 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

Tgt Ion: 101 Resp: 44948
 Ion Ratio Lower Upper
 101 100
 103 55.3 52.6 78.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.486 ppbv

RT: 4.54 min Scan# 499

Delta R.T. -0.01 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

Instrument :

MSVOA_L

ClientSampleId :

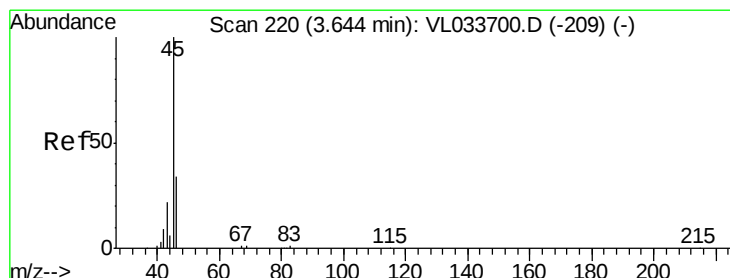
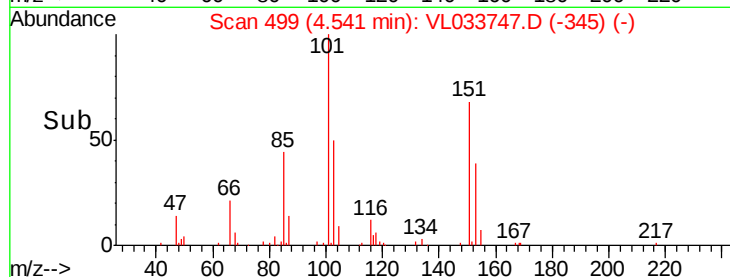
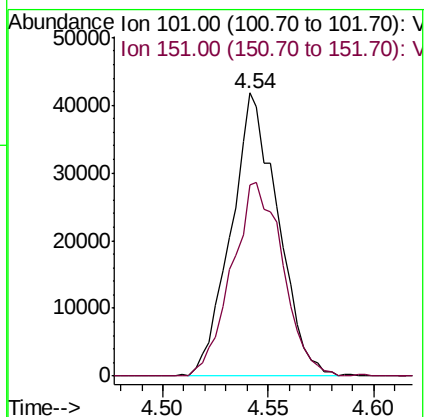
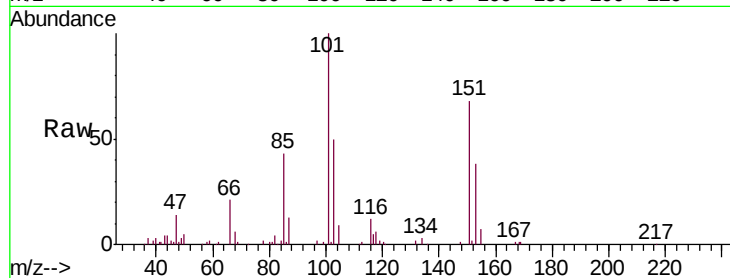
BPS1-ODA-3002-04

Tgt Ion:101 Resp: 64610

Ion Ratio Lower Upper

101 100

151 74.5 58.2 87.4



#13

Ethanol

Concen: 104.920 ppbv

RT: 3.66 min Scan# 224

Delta R.T. 0.01 min

Lab File: VL033747.D

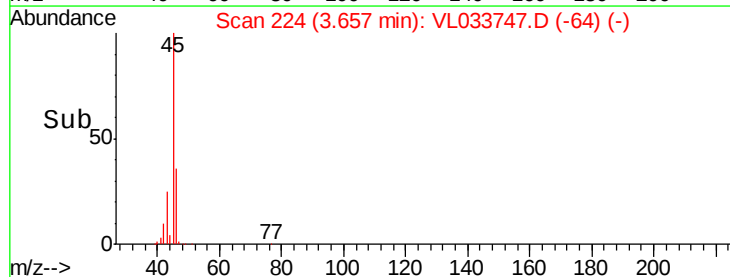
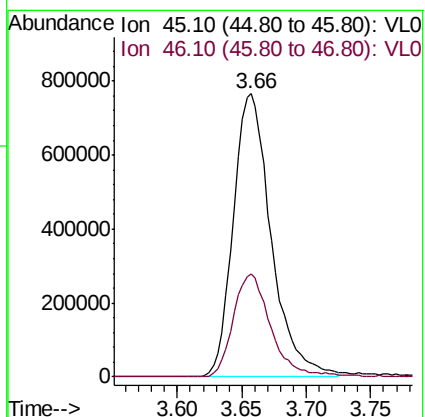
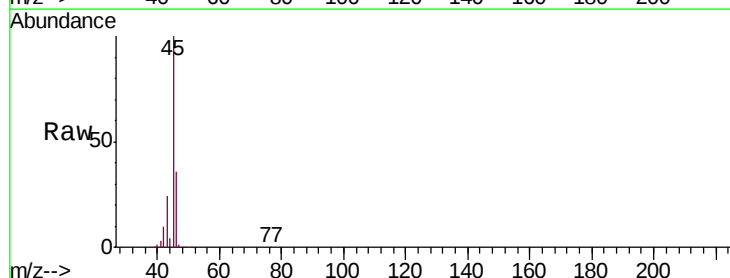
Acq: 22 May 2019 16:52

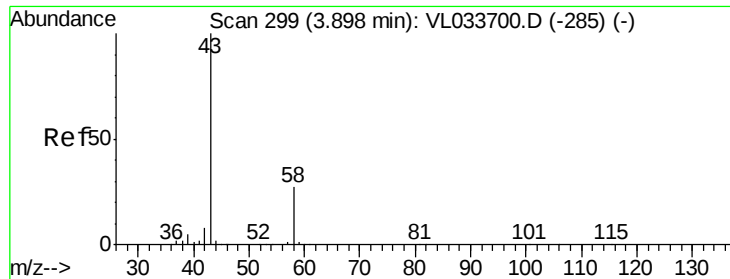
Tgt Ion: 45 Resp: 1563857

Ion Ratio Lower Upper

45 100

46 36.5 14.8 59.0





#15

Acetone

Concen: 34.130 ppbv

RT: 3.89 min Scan# 296

Delta R.T. -0.01 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

Instrument :

MSVOA_L

ClientSampleId :

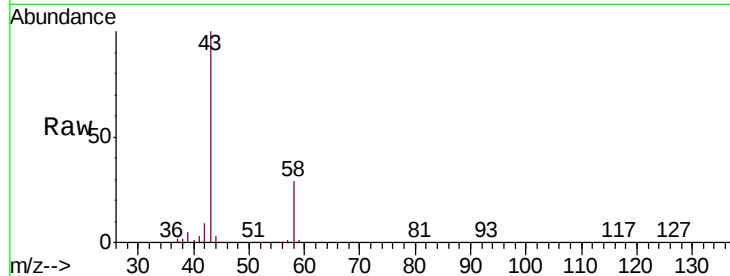
BPS1-ODA-3002-04

Tgt Ion: 43 Resp: 4482142

Ion Ratio Lower Upper

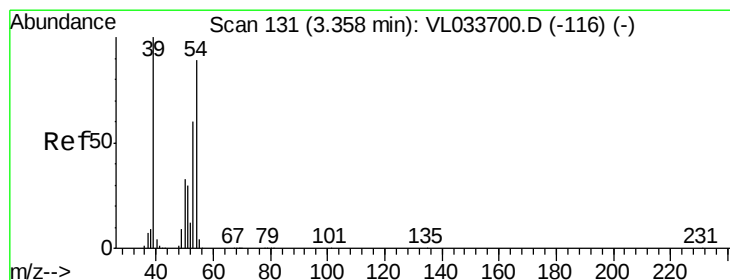
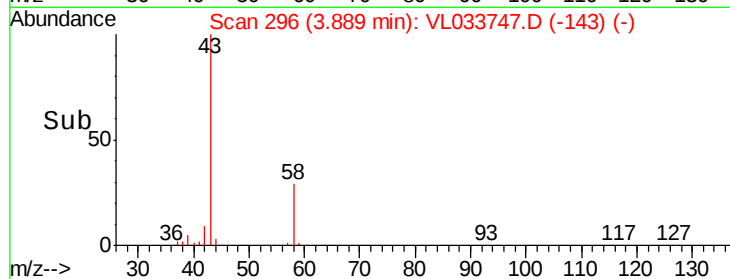
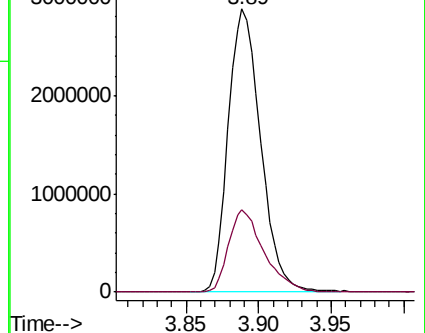
43 100

58 31.7 21.3 31.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 8.260 ppbv

RT: 3.34 min Scan# 124

Delta R.T. -0.02 min

Lab File: VL033747.D

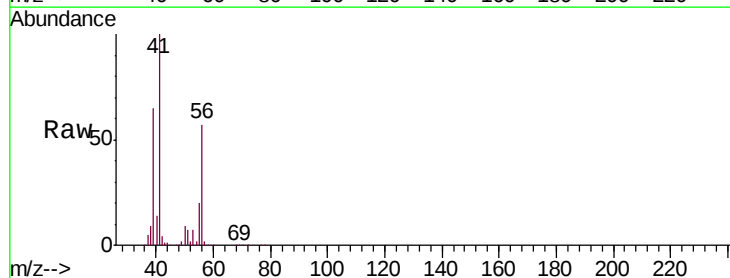
Acq: 22 May 2019 16:52

Tgt Ion: 39 Resp: 431989

Ion Ratio Lower Upper

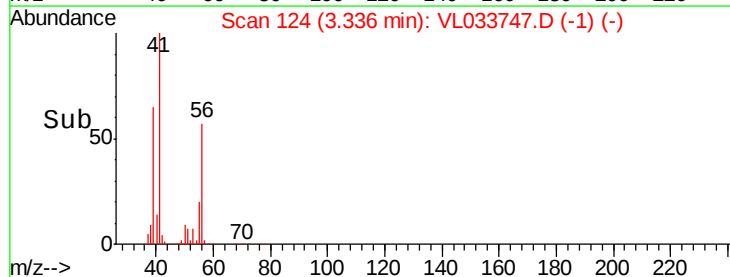
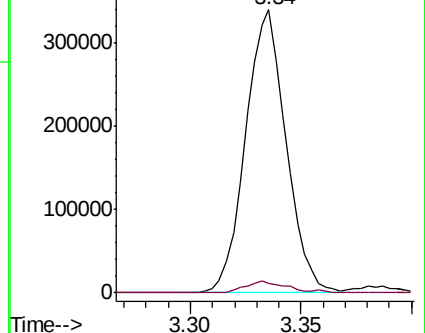
39 100

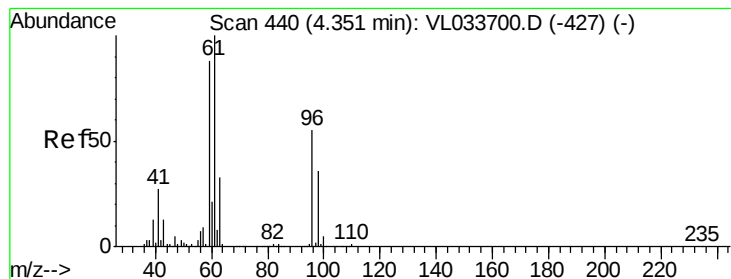
54 4.5 69.0 103.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 4.753 ppbv

RT: 4.37 min Scan# 445

Delta R.T. 0.02 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

Instrument :

MSVOA_L

ClientSampleId :

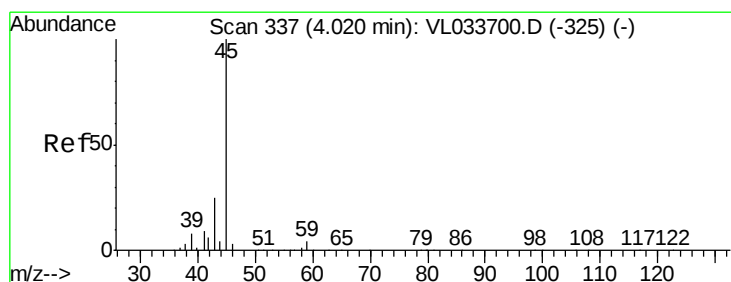
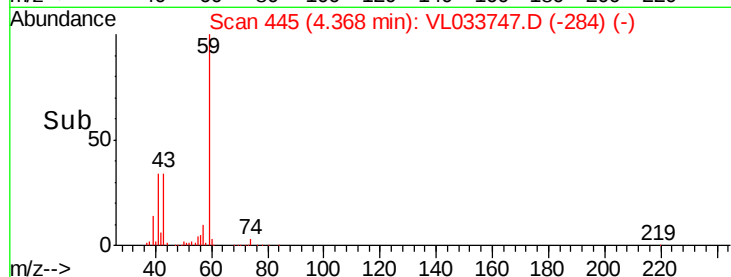
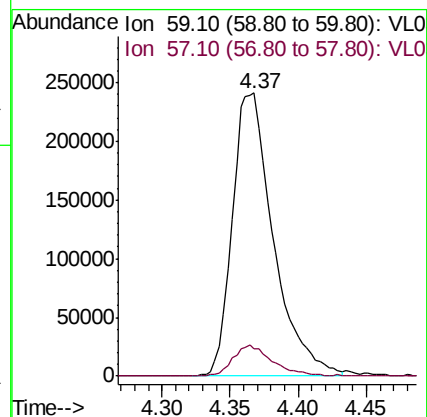
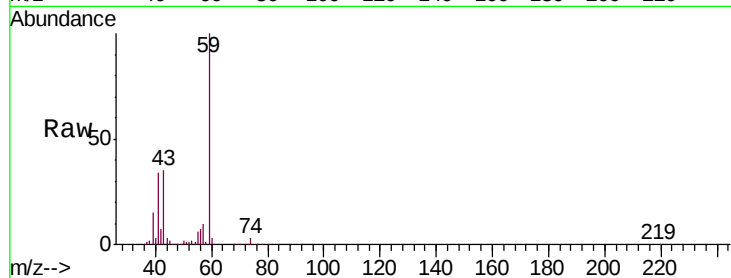
BPS1-ODA-3002-04

Tgt Ion: 59 Resp: 504690

Ion Ratio Lower Upper

59 100

57 10.8 8.4 12.6



#19

Isopropyl Alcohol

Concen: 4.427 ppbv

RT: 4.03 min Scan# 341

Delta R.T. 0.01 min

Lab File: VL033747.D

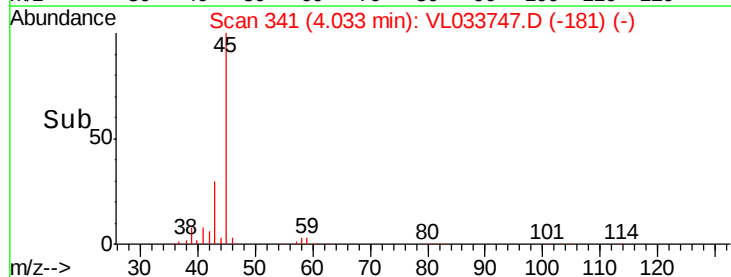
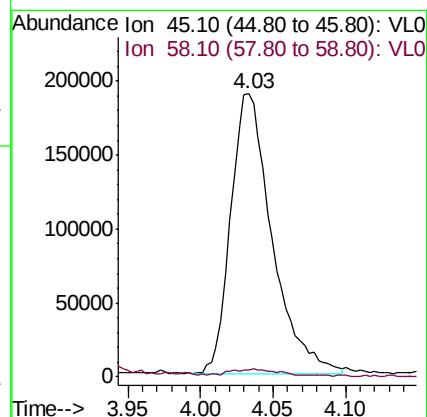
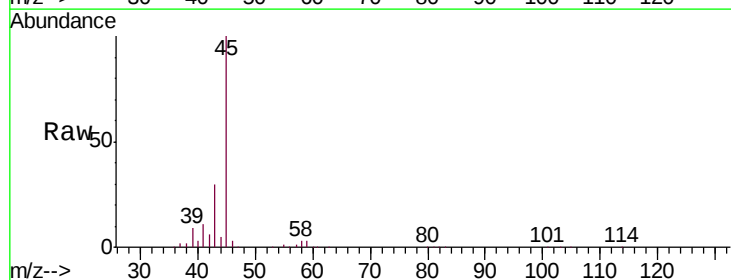
Acq: 22 May 2019 16:52

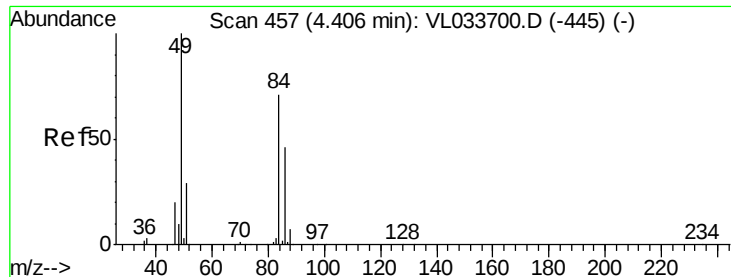
Tgt Ion: 45 Resp: 374852

Ion Ratio Lower Upper

45 100

58 380.0 1.6 2.4#

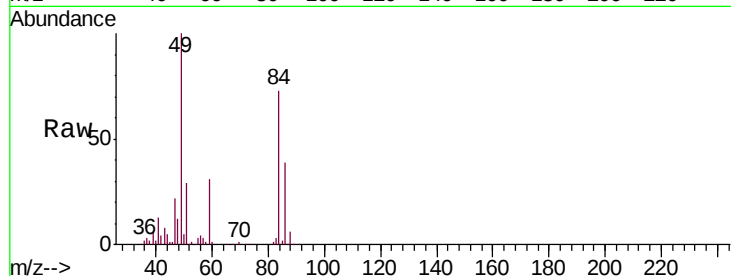




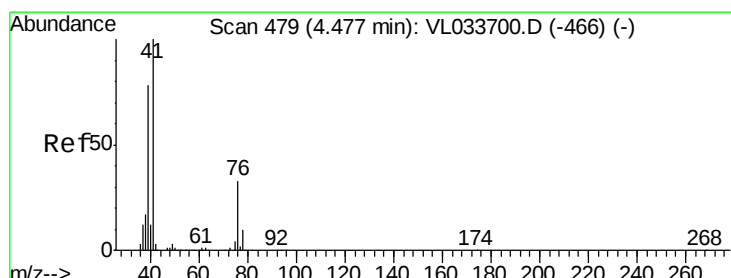
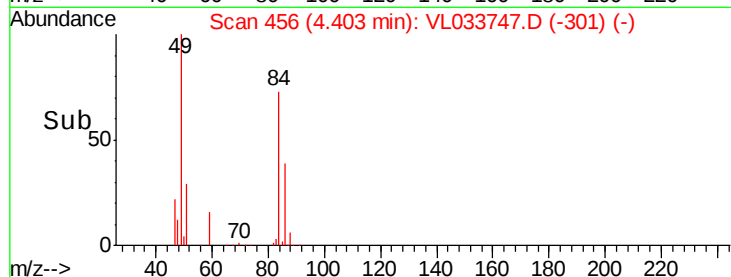
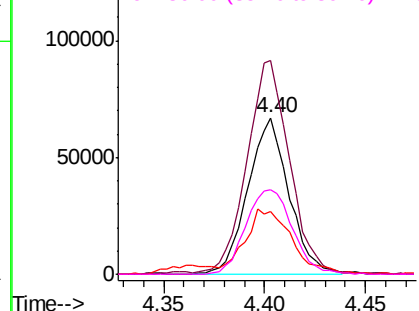
#20
Methylene Chloride
Concen: 1.886 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033747.D
Acq: 22 May 2019 16:52

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04

Tgt Ion:	84	Resp:	95387
Ion	Ratio	Lower	Upper
84	100		
49	135.2	112.8	169.2
51	38.7	33.4	50.0
86	53.9	51.7	77.5

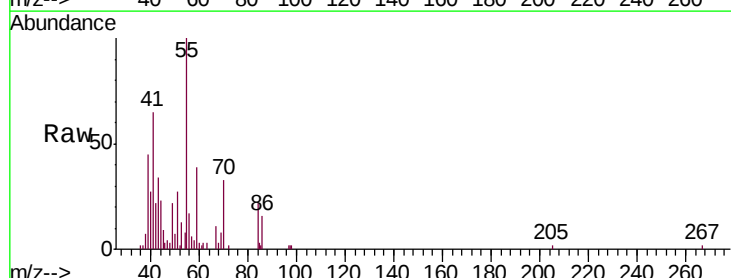


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

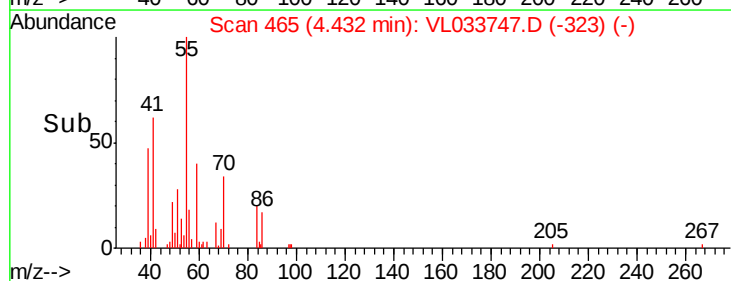
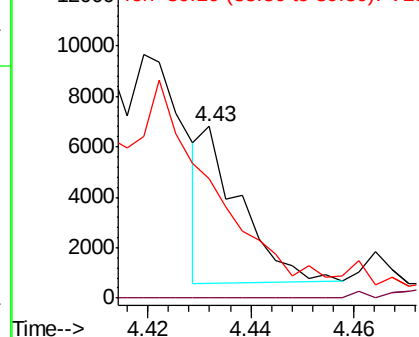


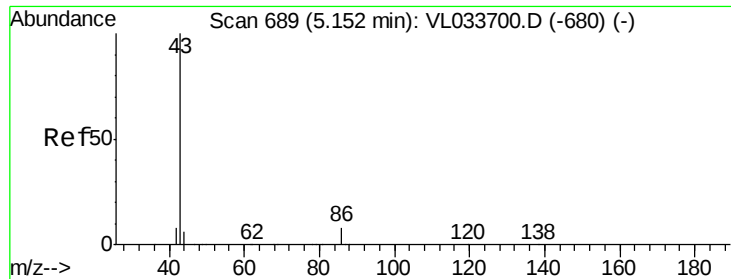
#21
Allyl Chloride
Concen: 0.039 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.04 min
Lab File: VL033747.D
Acq: 22 May 2019 16:52

Tgt Ion:	41	Resp:	3214
Ion	Ratio	Lower	Upper
41	100		
76	6.6	25.9	38.9#
39	0.0	64.6	97.0#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 1.115 ppbv

RT: 5.14 min Scan# 684

Delta R.T. -0.02 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3002-04

Tgt Ion: 43 Resp: 193016

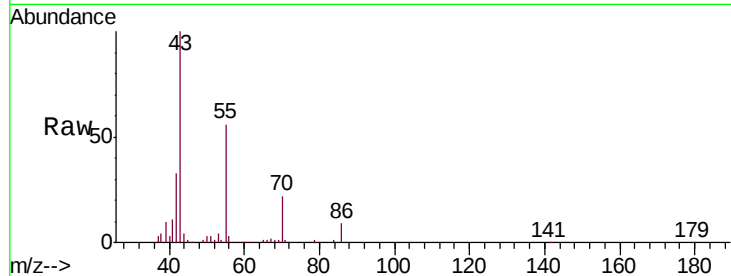
Ion Ratio Lower Upper

43 100

86 9.1 6.0 9.0#

42 32.6 7.5 11.3#

44 2.5 4.4 6.6#

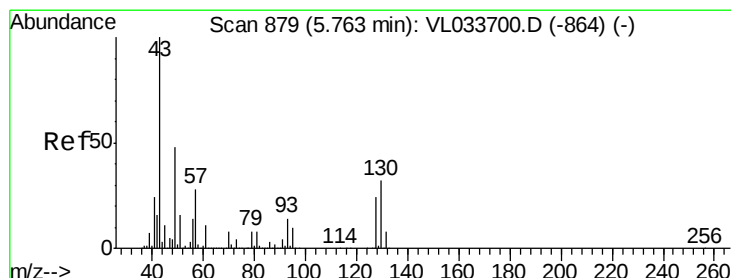
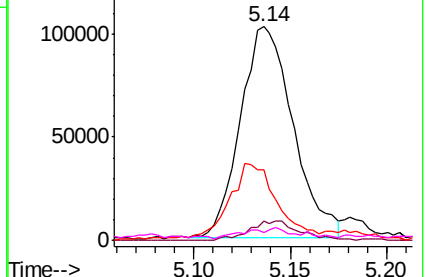
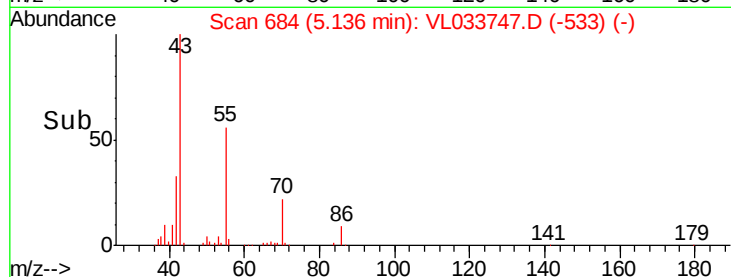


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 1.849 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

Tgt Ion: 43 Resp: 426618

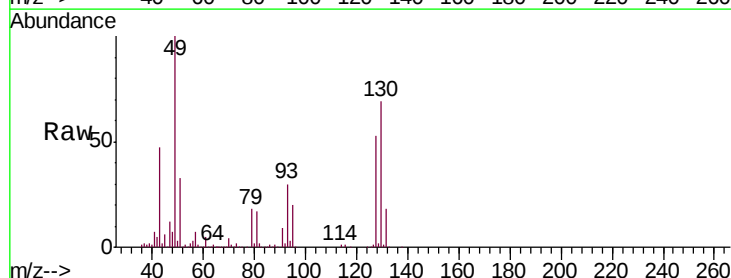
Ion Ratio Lower Upper

43 100

45 12.5 7.9 11.9#

61 10.7 7.7 11.5

70 8.6 5.8 8.6

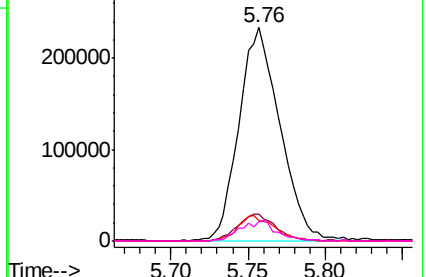
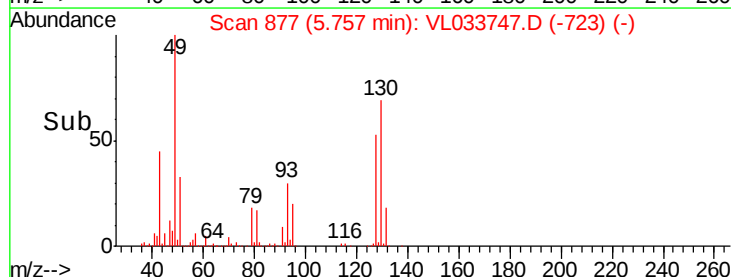


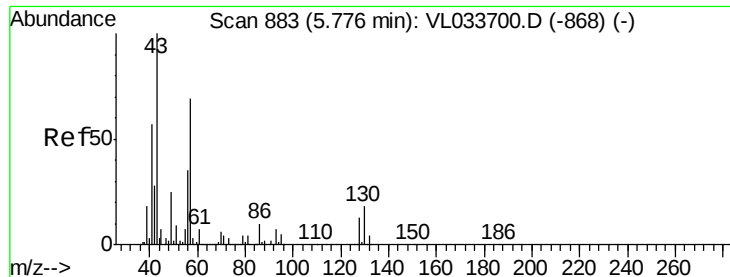
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 0.972 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3002-04

Tgt Ion: 57 Resp: 96379

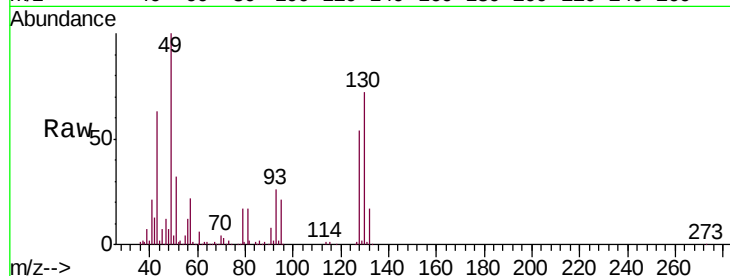
Ion Ratio Lower Upper

57 100

41 100.2 69.8 104.6

43 447.6 181.8 272.6#

56 55.4 42.1 63.1

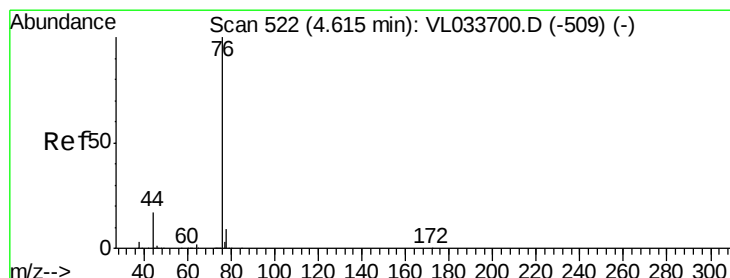
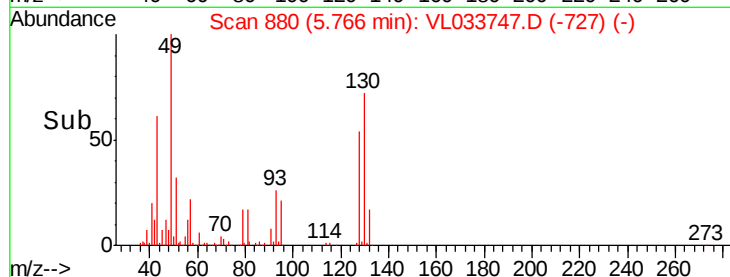
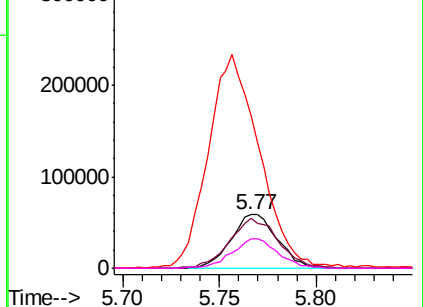


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.016 ppbv

RT: 4.61 min Scan# 519

Delta R.T. -0.01 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

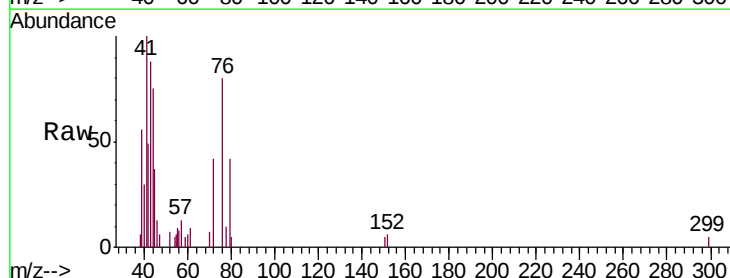
Tgt Ion: 76 Resp: 2136

Ion Ratio Lower Upper

76 100

44 0.0 13.8 20.8#

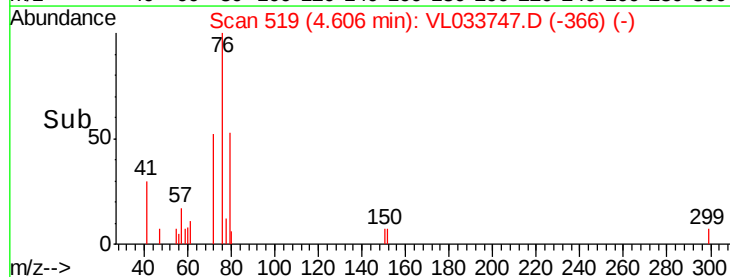
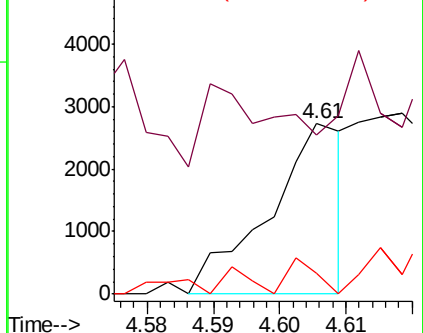
78 0.0 7.4 11.0#

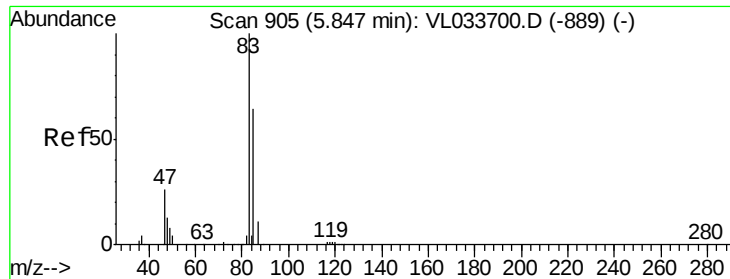


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

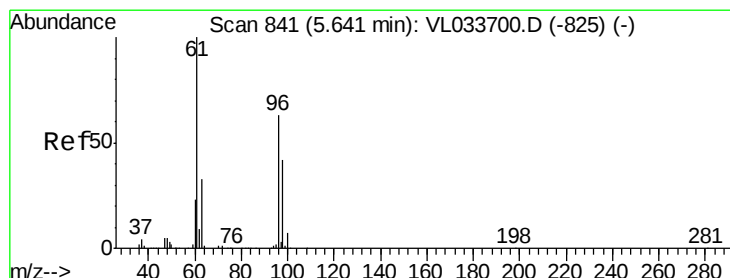
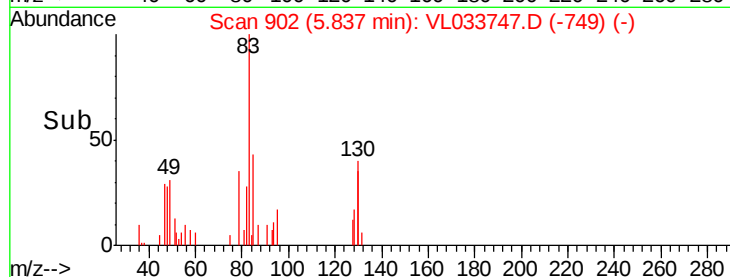
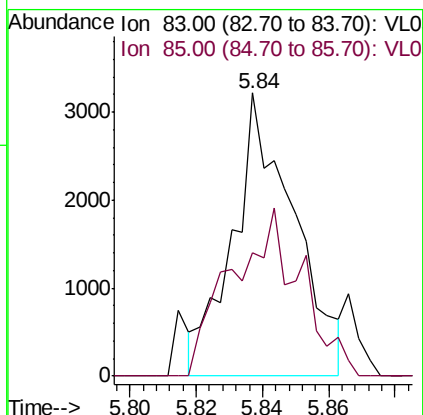
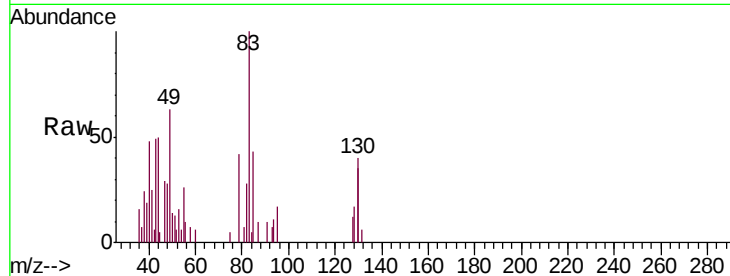




#29
Chloroform
Concen: 0.022 ppbv
RT: 5.84 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL033747.D
Acq: 22 May 2019 16:52

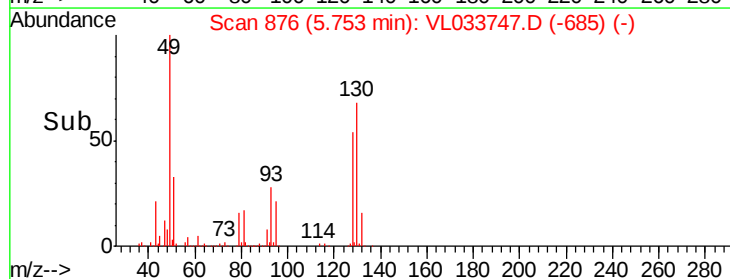
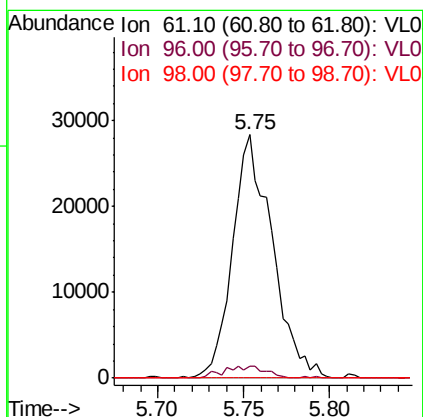
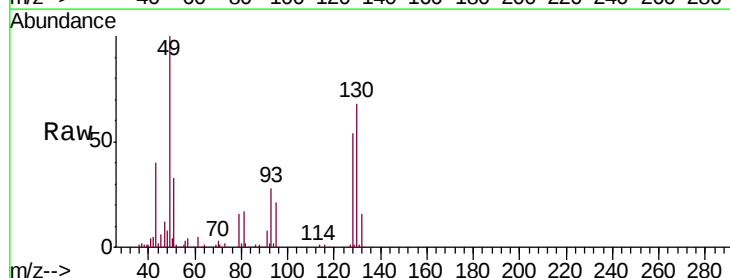
Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04

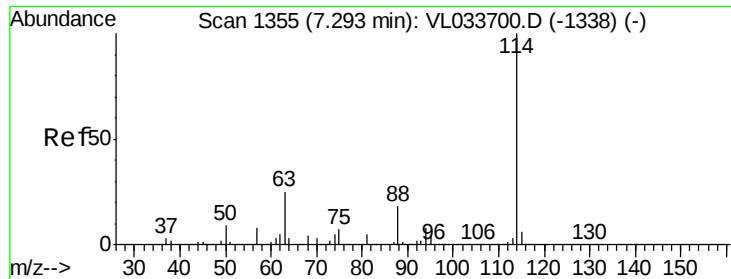
Tgt Ion: 83 Resp: 4093
Ion Ratio Lower Upper
83 100
85 51.4 51.5 77.3#



#31
cis-1,2-Dichloroethene
Concen: 0.461 ppbv
RT: 5.75 min Scan# 876
Delta R.T. 0.11 min
Lab File: VL033747.D
Acq: 22 May 2019 16:52

Tgt Ion: 61 Resp: 45334
Ion Ratio Lower Upper
61 100
96 4.7 50.8 76.2#
98 0.0 33.3 49.9#

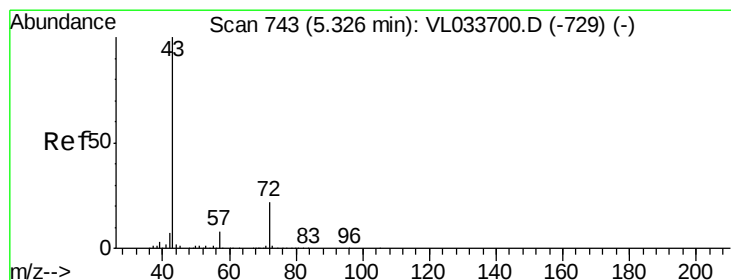
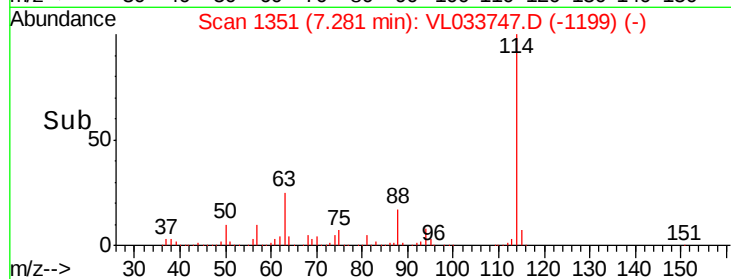
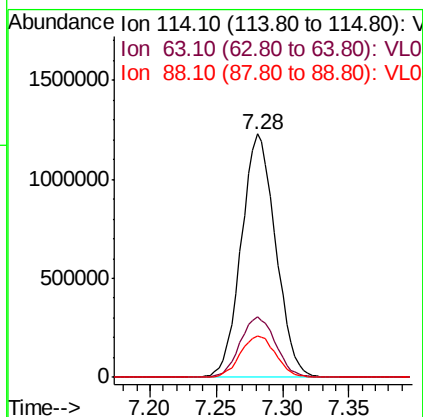
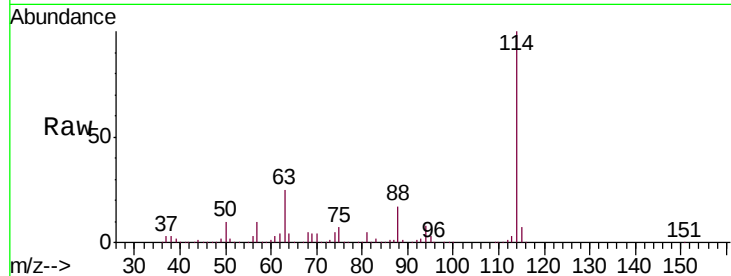




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

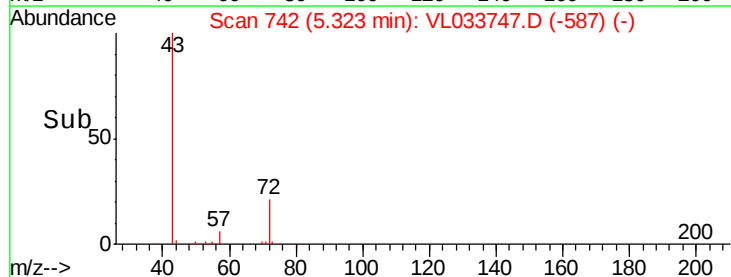
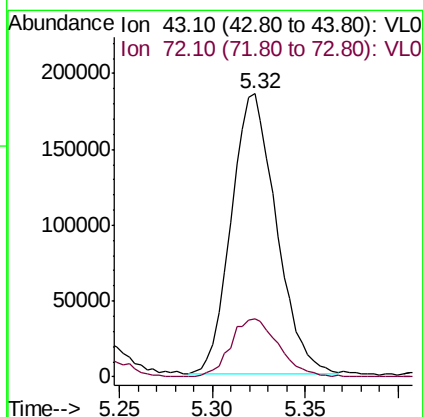
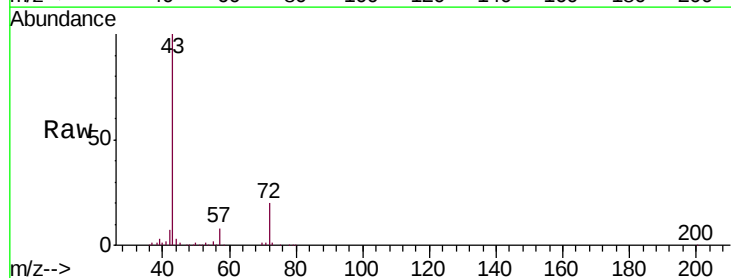
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3002-04

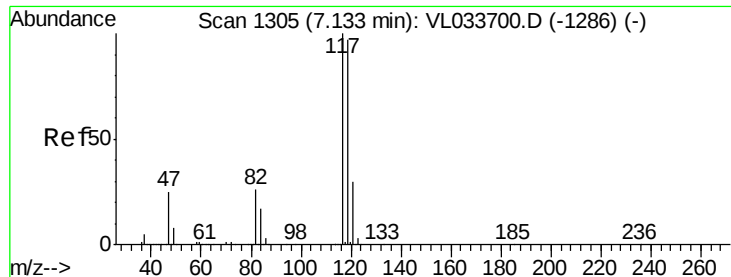
Tgt Ion: 114 Resp: 2216002
 Ion Ratio Lower Upper
 114 100
 63 25.6 20.9 31.3
 88 17.7 14.3 21.5



#34
 2-Butanone
 Concen: 2.269 ppbv
 RT: 5.32 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

Tgt Ion: 43 Resp: 311694
 Ion Ratio Lower Upper
 43 100
 72 22.5 17.8 26.6

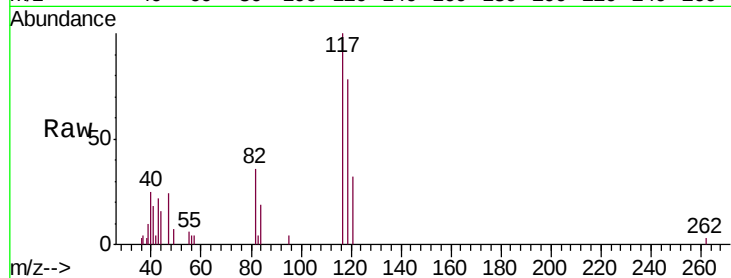




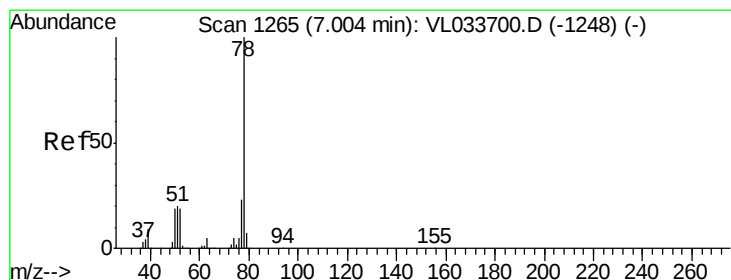
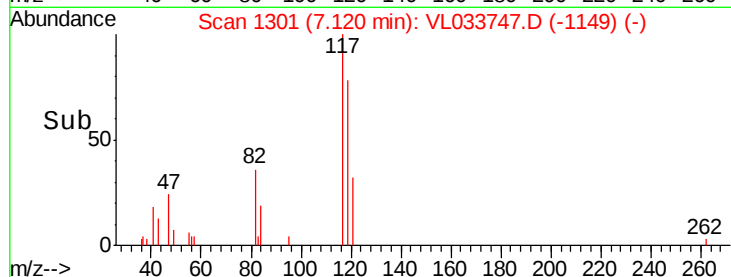
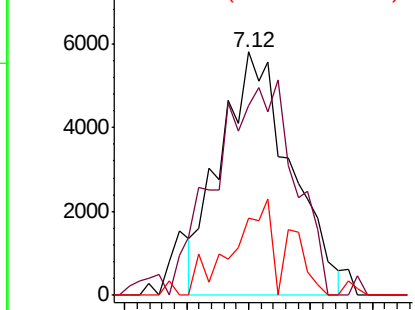
#35
Carbon Tetrachloride
Concen: 0.052 ppbv
RT: 7.12 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VL033747.D
Acq: 22 May 2019 16:52

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04

Tgt Ion: 117 Resp: 9149
Ion Ratio Lower Upper
117 100
119 86.4 77.2 115.8
121 35.5 24.1 36.1

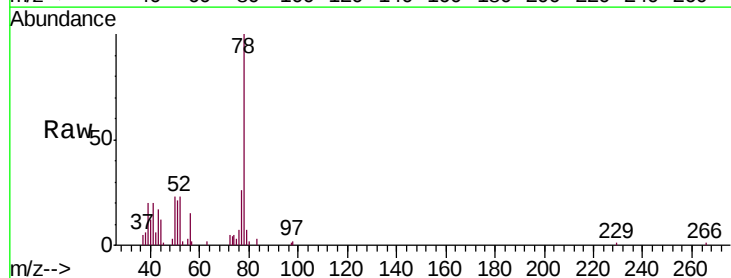


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

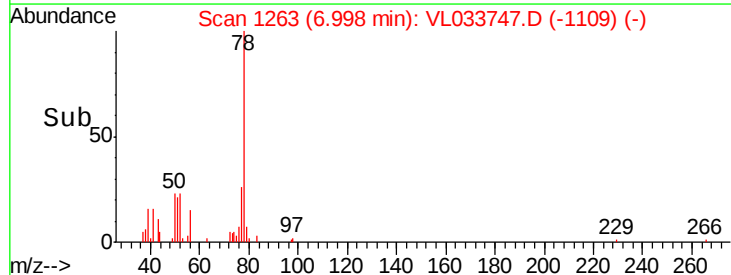
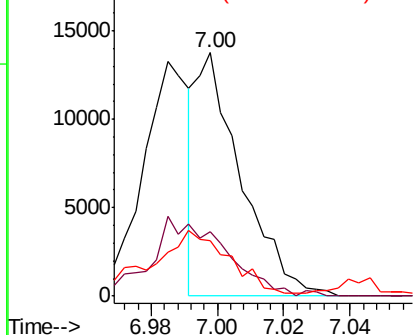


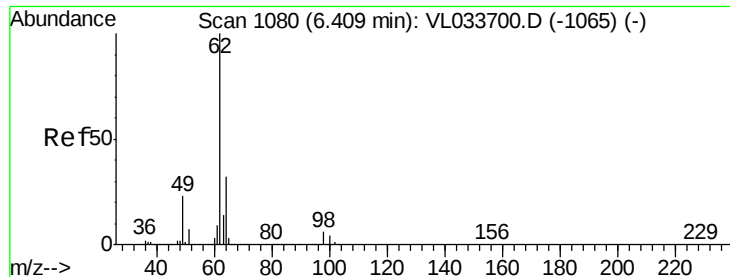
#36
Benzene
Concen: 0.064 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033747.D
Acq: 22 May 2019 16:52

Tgt Ion: 78 Resp: 12864
Ion Ratio Lower Upper
78 100
77 26.2 18.4 27.6
50 19.6 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

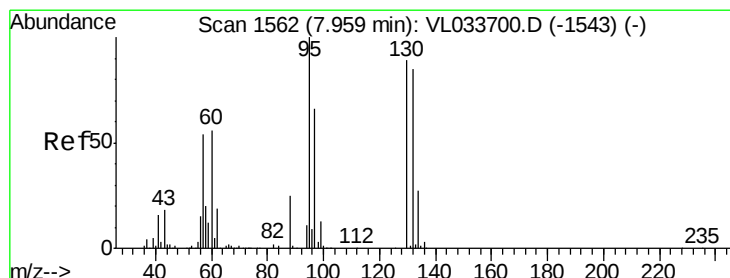
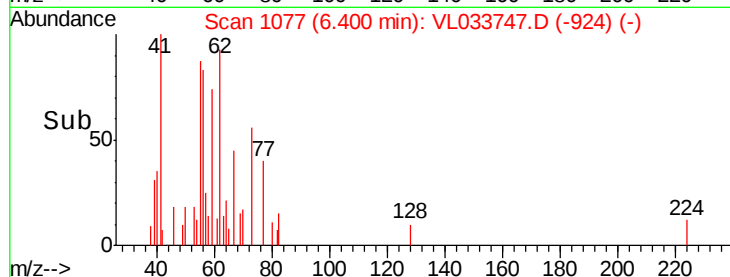
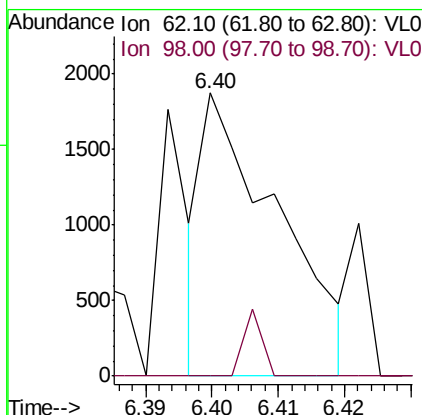
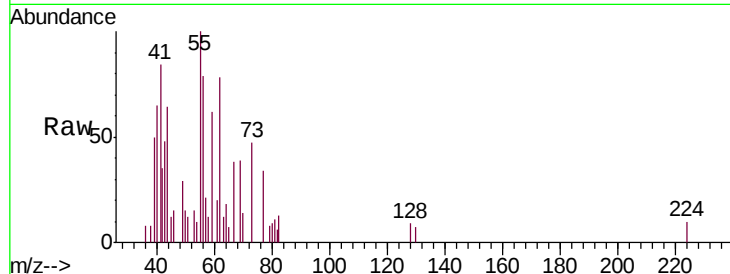




#37
 1,2-Dichloroethane
 Concen: 0.012 ppbv
 RT: 6.40 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

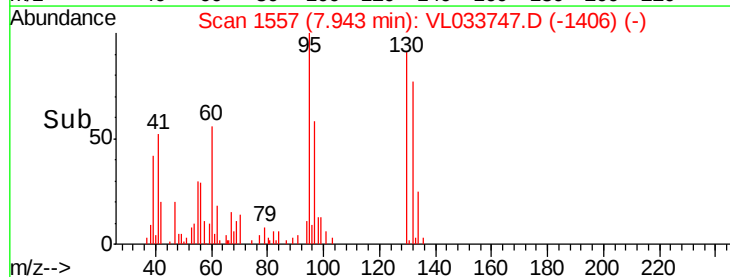
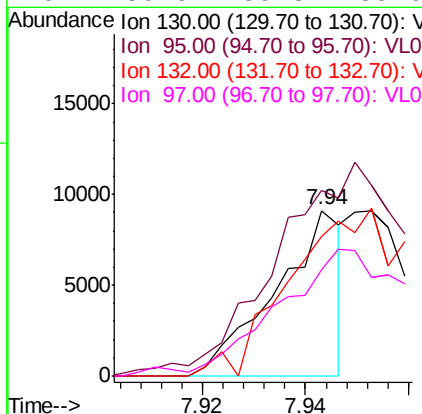
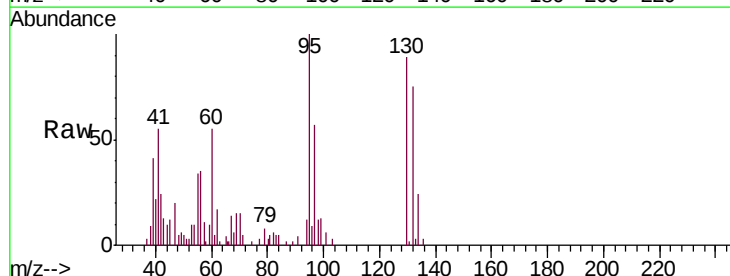
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3002-04

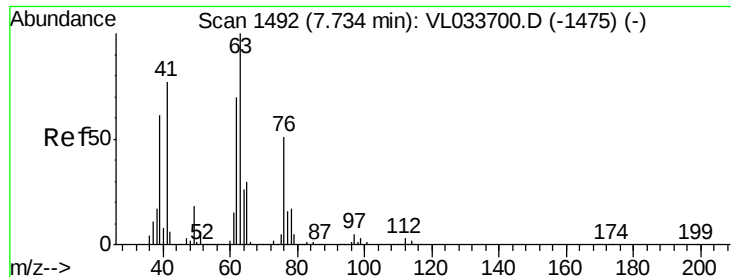
Tgt Ion: 62 Resp: 1500
 Ion Ratio Lower Upper
 62 100
 98 0.0 4.5 6.7#



#38
 Trichloroethene
 Concen: 0.108 ppbv
 RT: 7.94 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

Tgt Ion: 130 Resp: 8049
 Ion Ratio Lower Upper
 130 100
 95 103.6 90.2 135.4
 132 82.3 76.4 114.6
 97 59.9 59.8 89.6

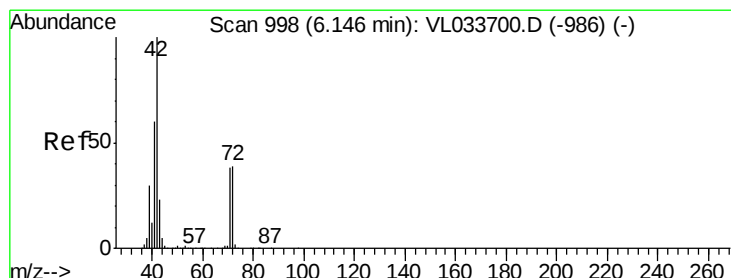
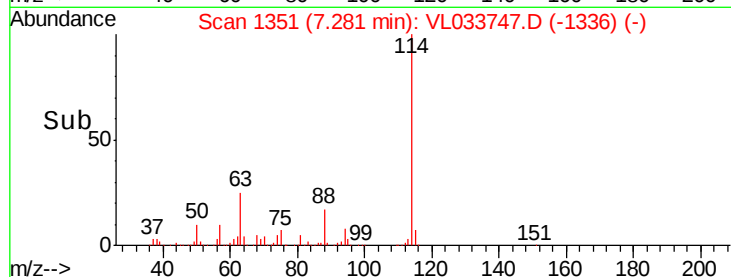
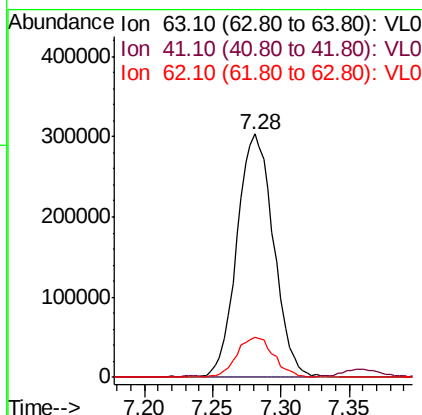
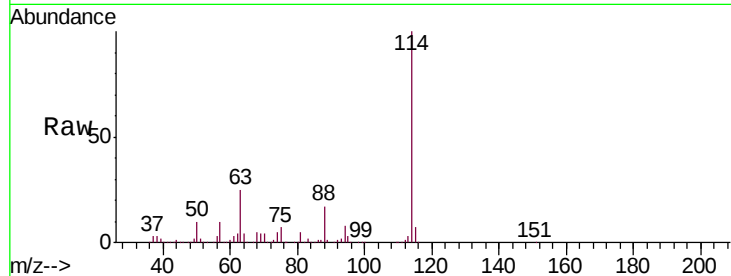




#39
 1,2-Dichloropropane
 Concen: 7.540 ppbv
 RT: 7.28 min Scan# 1351
 Delta R.T. -0.45 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

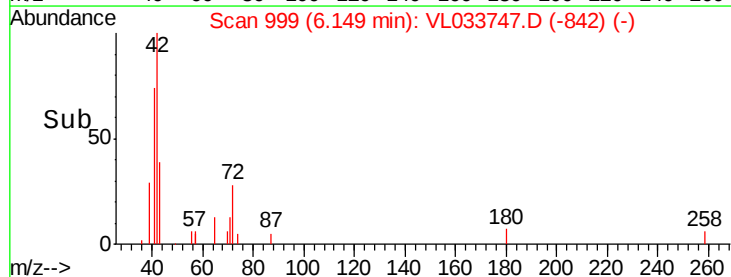
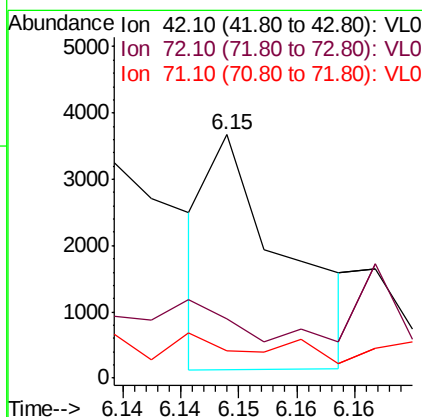
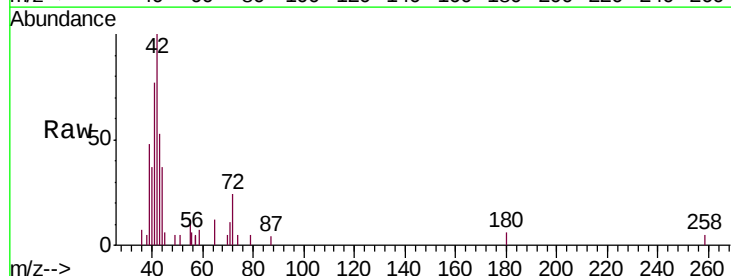
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3002-04

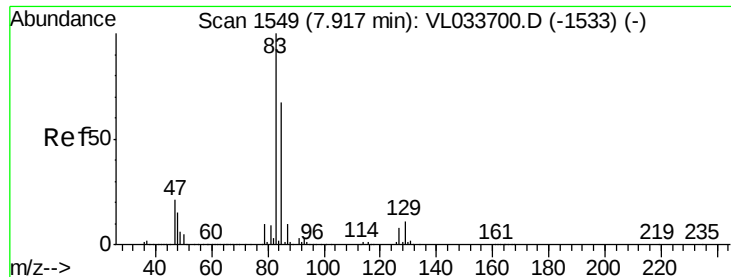
Tgt Ion: 63 Resp: 566701
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.5 92.3#
 62 16.2 56.2 84.4#



#41
 Tetrahydrofuran
 Concen: 0.021 ppbv
 RT: 6.15 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

Tgt Ion: 42 Resp: 1631
 Ion Ratio Lower Upper
 42 100
 72 0.0 32.0 48.0#
 71 74.4 30.4 45.6#





#42

Bromodichloromethane

Concen: 0.012 ppbv

RT: 7.91 min Scan# 1548

Delta R.T. -0.00 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3002-04

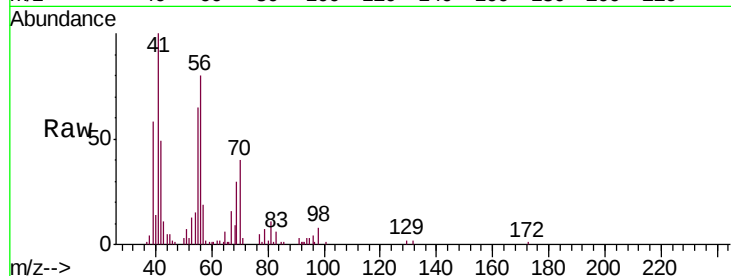
Tgt Ion: 83 Resp: 2103

Ion Ratio Lower Upper

83 100

85 14.3 53.3 79.9#

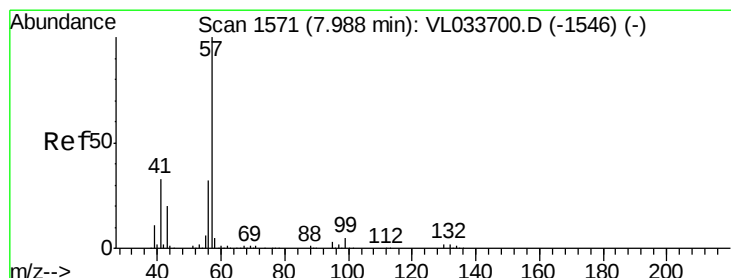
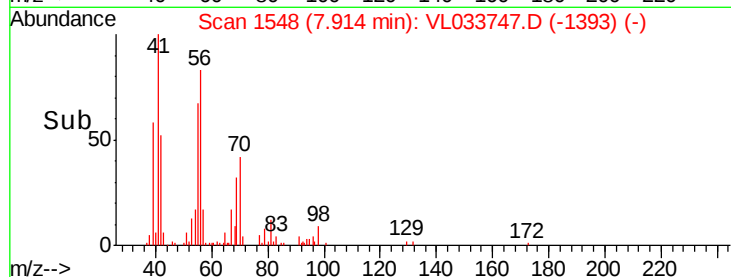
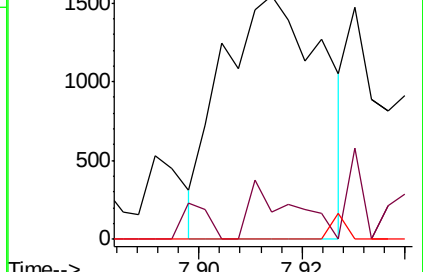
127 0.0 6.5 9.7#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.030 ppbv

RT: 7.98 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

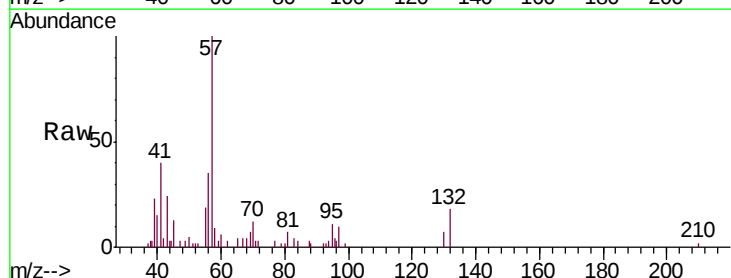
Tgt Ion: 57 Resp: 10117

Ion Ratio Lower Upper

57 100

41 0.0 25.4 38.0#

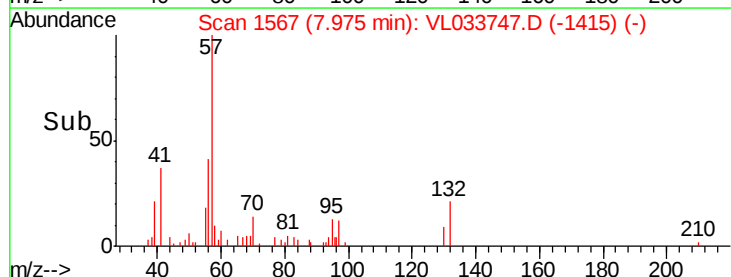
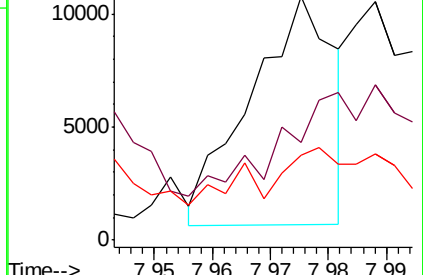
56 105.4 24.7 37.1#

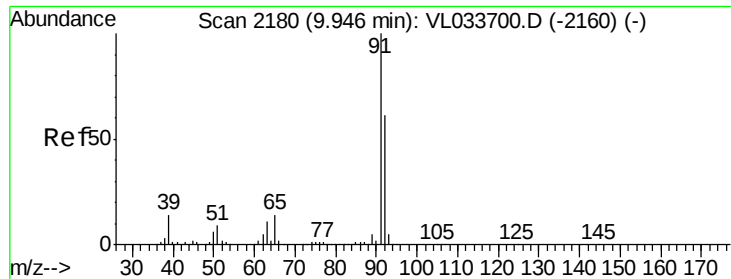


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#53

Toluene

Concen: 0.718 ppbv

RT: 9.93 min Scan# 2176

Delta R.T. -0.01 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

Instrument :

MSVOA_L

ClientSampleId :

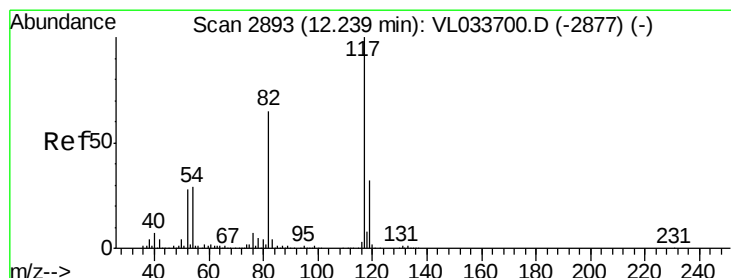
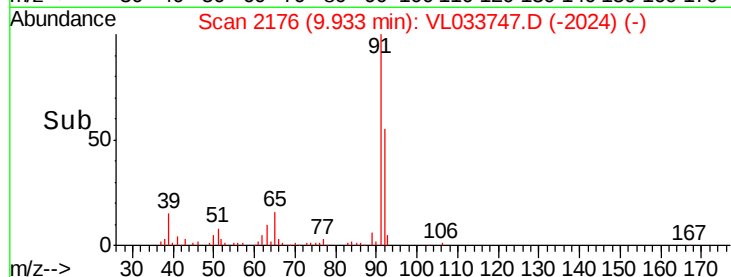
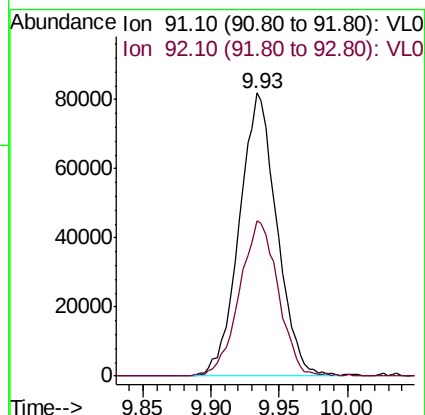
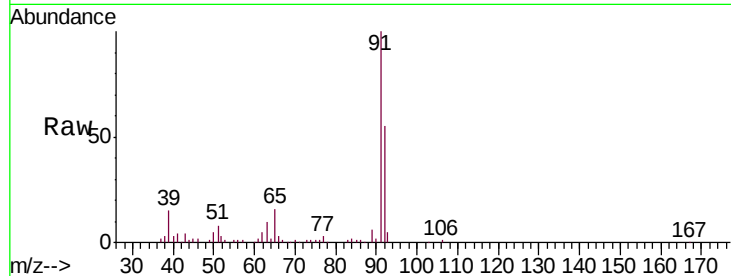
BPS1-ODA-3002-04

Tgt Ion: 91 Resp: 156207

Ion Ratio Lower Upper

91 100

92 56.7 47.6 71.4



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.23 min Scan# 2889

Delta R.T. -0.01 min

Lab File: VL033747.D

Acq: 22 May 2019 16:52

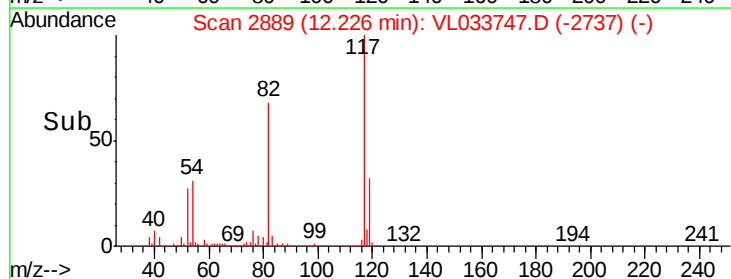
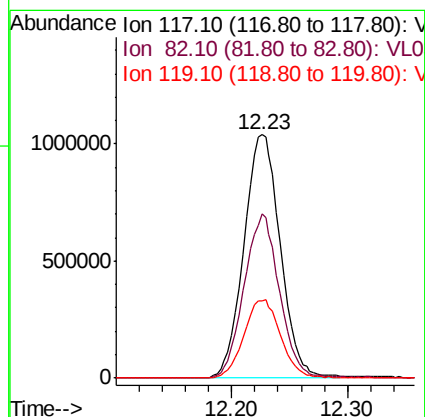
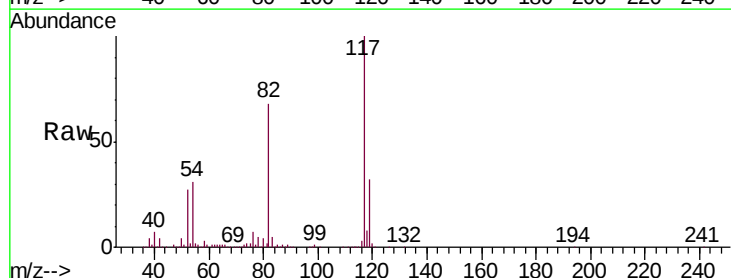
Tgt Ion: 117 Resp: 2273345

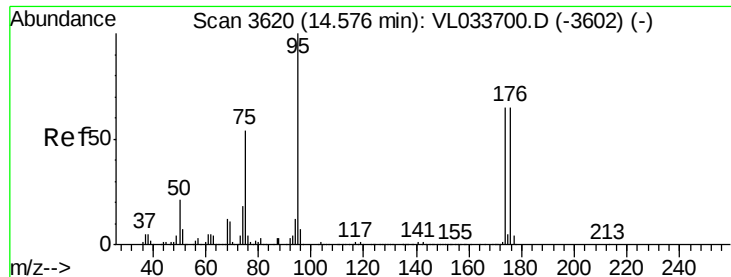
Ion Ratio Lower Upper

117 100

82 66.3 49.4 74.0

119 32.8 24.9 37.3

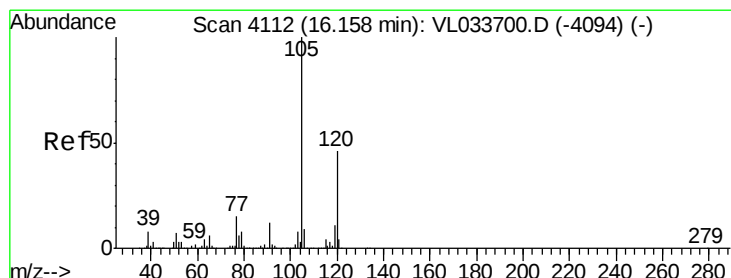
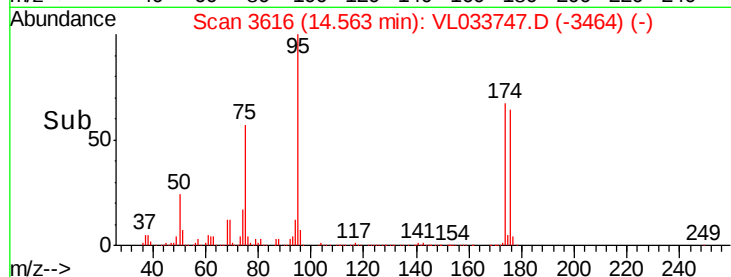
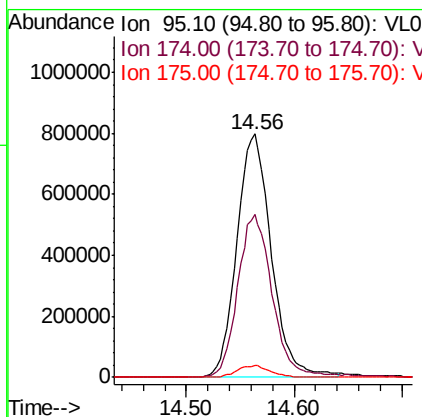
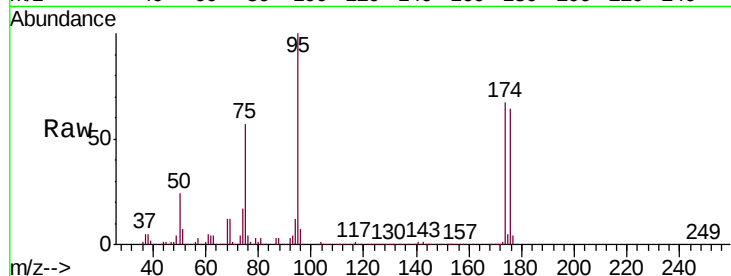




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.651 ppbv
 RT: 14.56 min Scan# 3616
 Delta R.T. -0.01 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

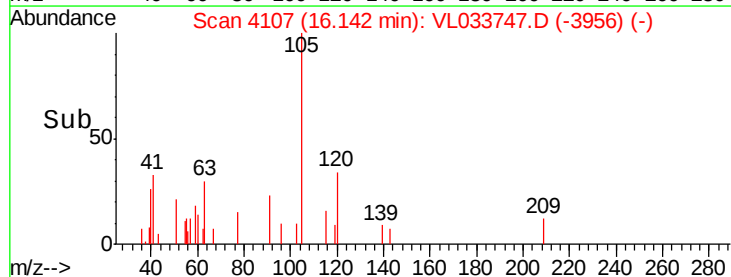
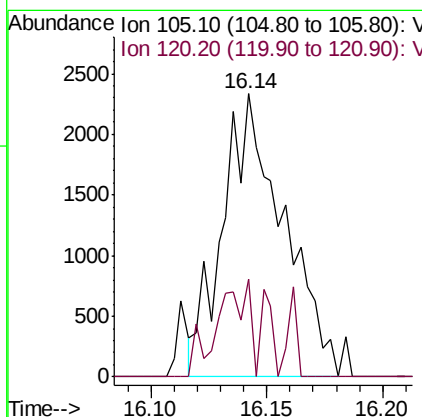
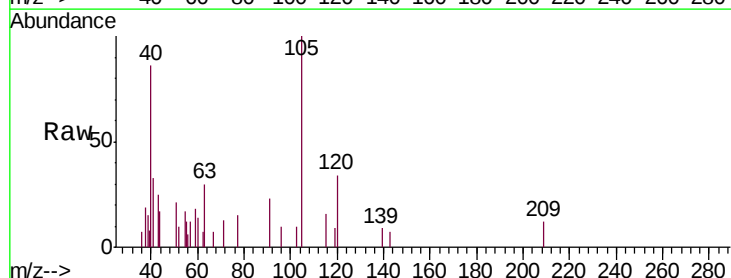
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3002-04

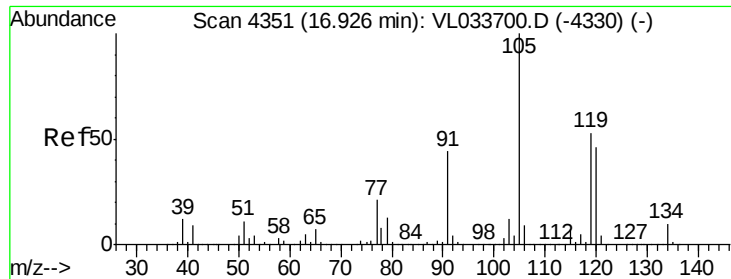
Tgt Ion: 95 Resp: 1778694
 Ion Ratio Lower Upper
 95 100
 174 67.6 53.9 80.9
 175 4.8 3.8 5.8



#73
 1,3,5-Trimethylbenzene
 Concen: 0.014 ppbv
 RT: 16.14 min Scan# 4107
 Delta R.T. -0.02 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

Tgt Ion: 105 Resp: 4256
 Ion Ratio Lower Upper
 105 100
 120 34.5 37.0 55.4#

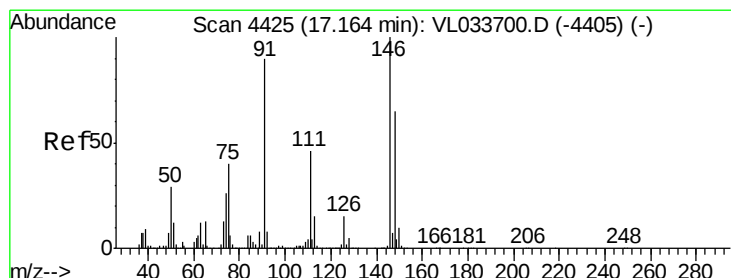
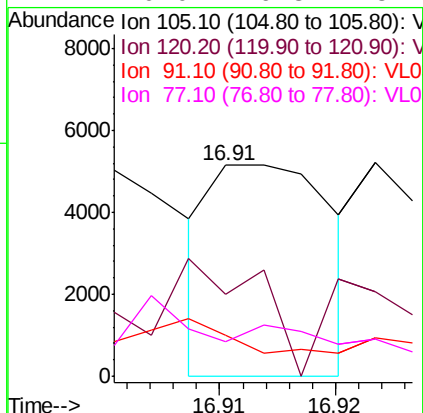
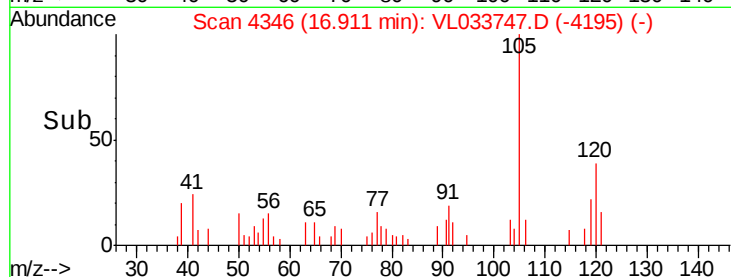
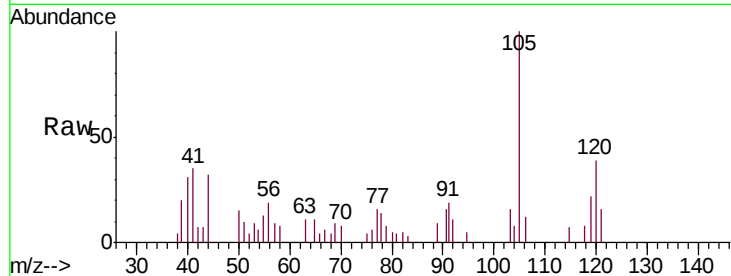




#74
 1,2,4-Trimethylbenzene
 Concen: 0.012 ppbv
 RT: 16.91 min Scan# 4346
 Delta R.T. -0.02 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

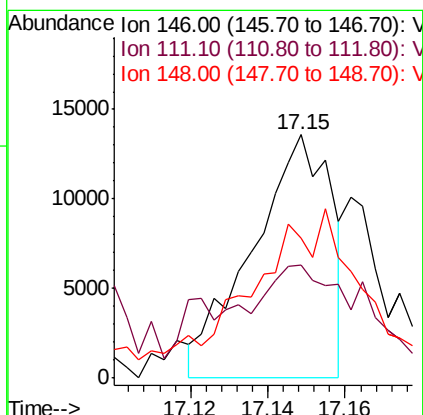
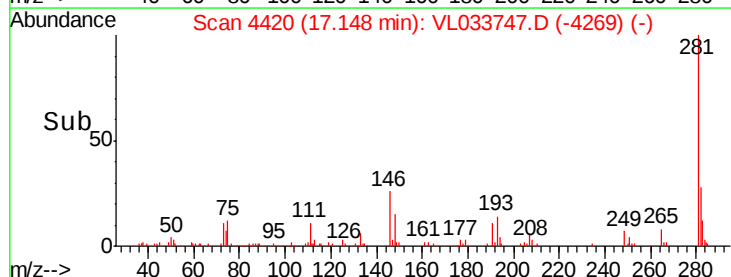
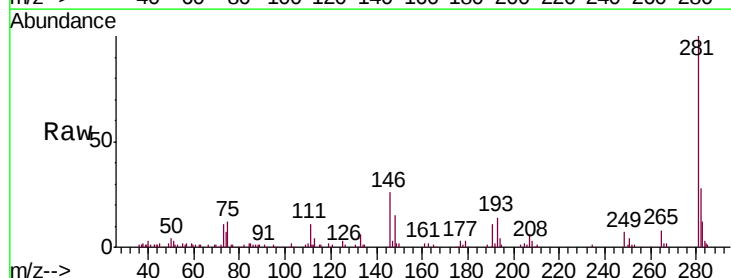
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3002-04

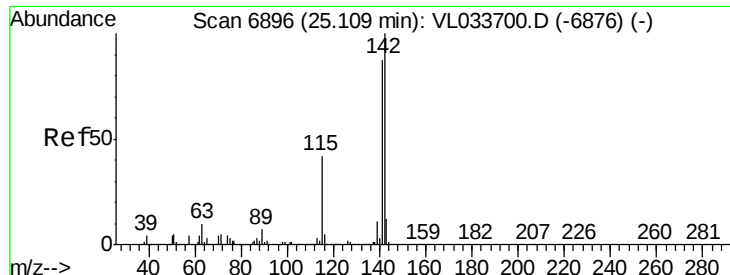
Tgt Ion:	105	Resp:	3704
Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.8	55.2#
91	85.2	35.4	53.0#
77	0.0	16.8	25.2#



#75
 1,3-Dichlorobenzene
 Concen: 0.098 ppbv
 RT: 17.15 min Scan# 4420
 Delta R.T. -0.02 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

Tgt Ion:	146	Resp:	19280
Ion	Ratio	Lower	Upper
146	100		
111	113.0	22.9	68.8#
148	0.0	32.0	96.2#

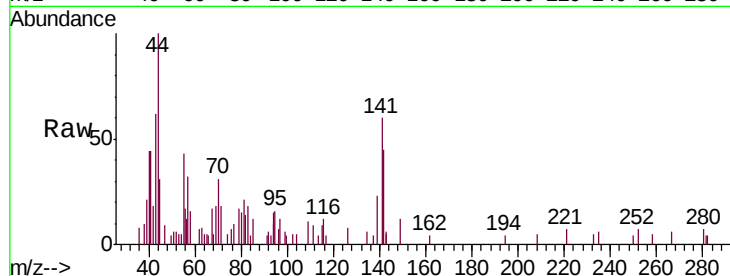




#80
 Naphthalene, 2-methyl-
 Concen: 0.041 ppbv
 RT: 25.11 min Scan# 6896
 Delta R.T. 0.00 min
 Lab File: VL033747.D
 Acq: 22 May 2019 16:52

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3002-04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.5	67.2	100.8
115	47.1	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

