

Data File : VL033773.D
Acq On : 23 May 2019 14:46
Operator : SY/AP
Sample : K2929-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

Quant Time: May 24 04:23:42 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	5.76	49	906787	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2093645	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2025037	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1684077	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

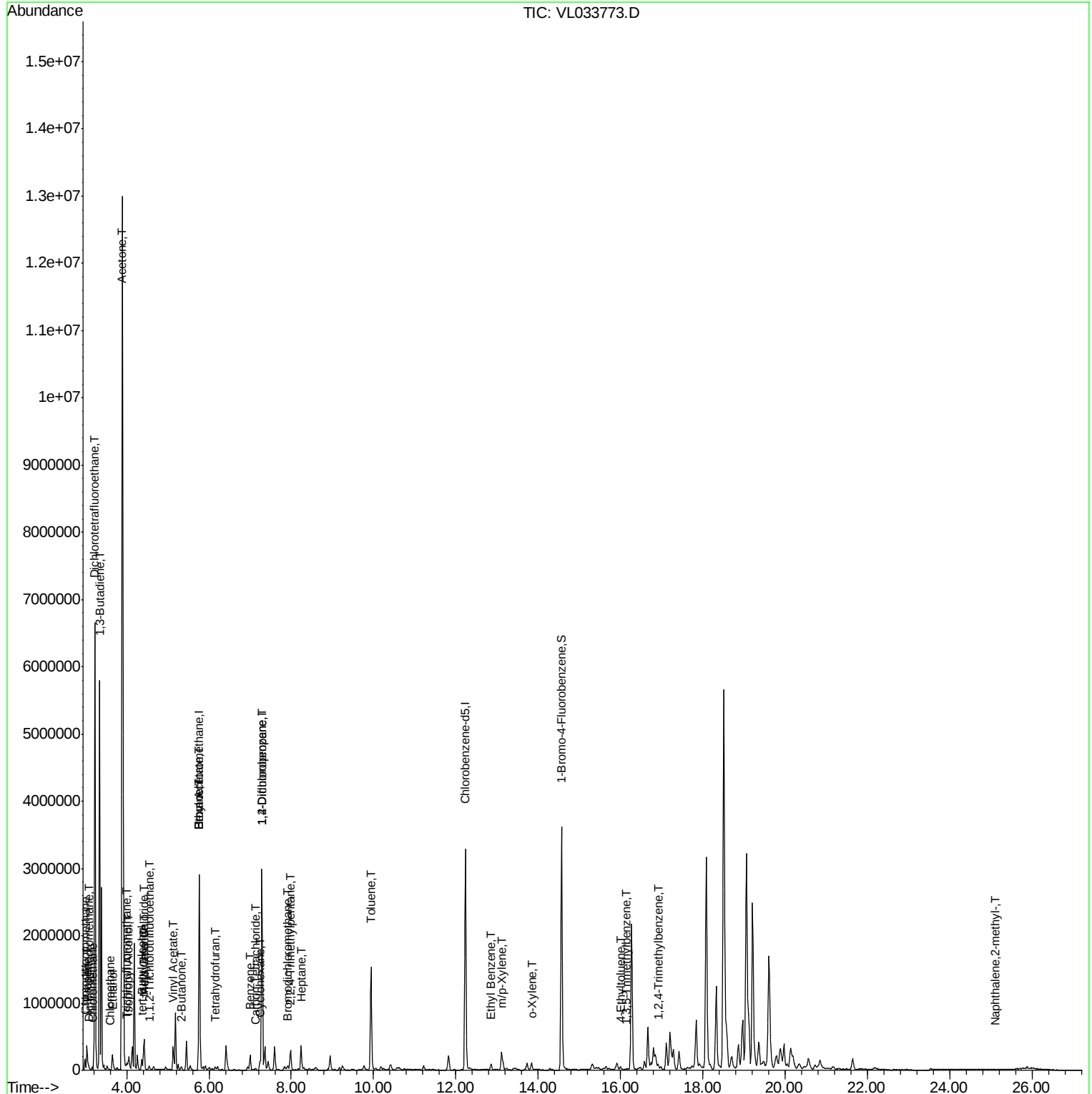
Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.07	85	41931	0.219 ppbv	92
3) Chlorodifluoromethane	2.98	51	120035	1.156 ppbv #	68
4) Chloromethane	3.17	50	33558	0.565 ppbv	99
7) Chloroethane	3.60	64	339	0.016 ppbv #	41
8) Dichlorotetrafluoroethane	3.22	85	2672	0.017 ppbv	85
9) Propene	3.03	41	132770	3.005 ppbv	93
10) Heptane	8.24	43	127620	1.020 ppbv	98
11) Trichlorofluoromethane	4.00	101	42339	0.232 ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.54	101	20012	0.157 ppbv	97
13) Ethanol	3.65	45	251360	17.603 ppbv	96
15) Acetone	3.89	43	15144698	120.376 ppbv #	82
16) 1,3-Butadiene	3.34	39	1400279	27.949 ppbv #	13
17) tert-Butyl alcohol	4.37	59	37807	0.372 ppbv #	72
19) Isopropyl Alcohol	4.03	45	106681	1.315 ppbv #	94
20) Methylene Chloride	4.41	84	81409	1.681 ppbv	94
21) Allyl Chloride	4.43	41	59271	0.755 ppbv #	48
23) Vinyl Acetate	5.13	43	92653	0.559 ppbv #	1
25) Ethyl Acetate	5.77	43	314843	1.425 ppbv #	83
26) Hexane	5.77	57	380412	4.004 ppbv #	42
30) Cyclohexane	7.24	84	18766	0.235 ppbv #	32
34) 2-Butanone	5.33	43	58941	0.454 ppbv	97
35) Carbon Tetrachloride	7.13	117	6804	0.041 ppbv #	92
36) Benzene	7.00	78	182076	0.956 ppbv	97
39) 1,2-Dichloropropane	7.29	63	543556	7.655 ppbv #	22
41) Tetrahydrofuran	6.15	42	1972	0.027 ppbv #	67
42) Bromodichloromethane	7.91	83	2737	0.016 ppbv #	23
44) 2,2,4-Trimethylpentane	7.98	57	209449	0.651 ppbv #	78
53) Toluene	9.94	91	1143859	5.568 ppbv	99
58) Ethyl Benzene	12.86	91	74553	0.278 ppbv	98
59) m/p-Xylene	13.11	91	260328	1.111 ppbv	100
60) o-Xylene	13.84	91	70224	0.297 ppbv	94
72) 4-Ethyltoluene	15.99	105	3954	0.015 ppbv #	1
73) 1,3,5-Trimethylbenzene	16.15	105	2923	0.011 ppbv #	85
74) 1,2,4-Trimethylbenzene	16.91	105	33819	0.118 ppbv #	68
80) Naphthalene,2-methyl-	25.12	142	1556	0.015 ppbv	91

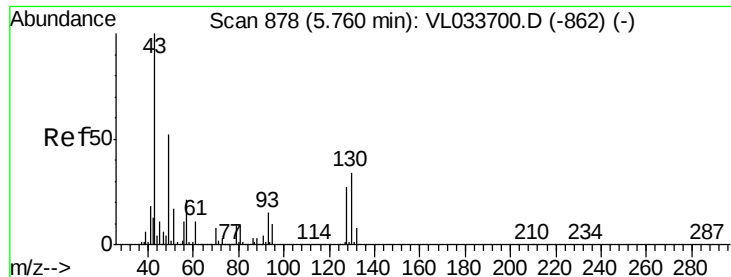
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 1 Sample Multiplier: 1

BT 01 00 0002 00

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. 0.00 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3002-55

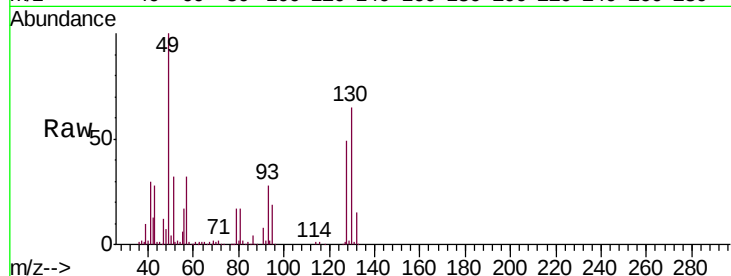
Tgt Ion: 49 Resp: 906787

Ion Ratio Lower Upper

49 100

128 49.7 25.2 75.6

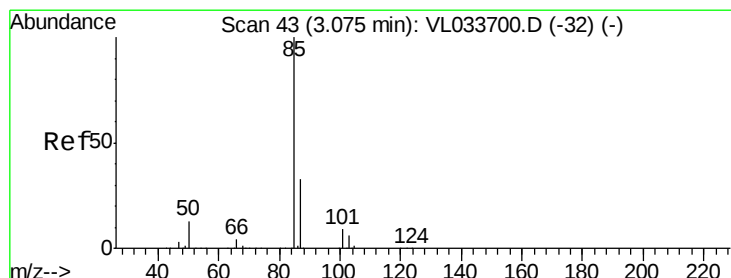
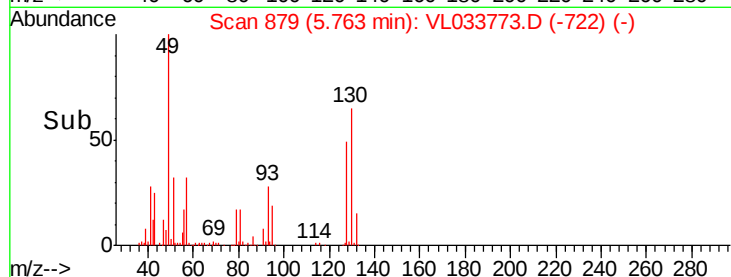
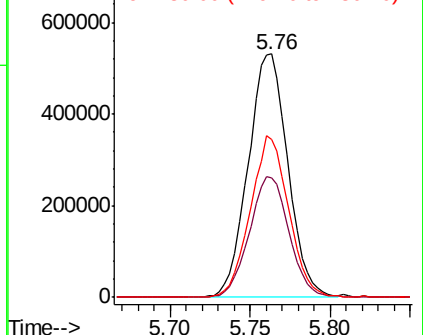
130 64.2 32.5 97.5



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: 0.219 ppbv

RT: 3.07 min Scan# 42

Delta R.T. -0.00 min

Lab File: VL033773.D

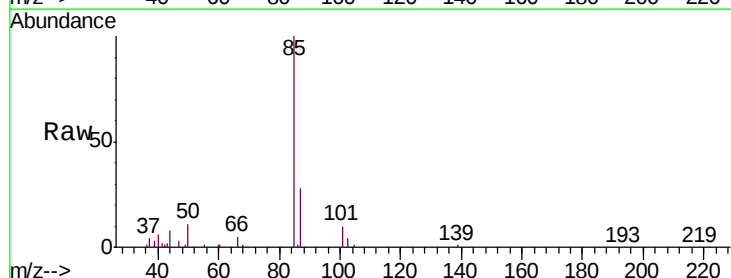
Acq: 23 May 2019 14:46

Tgt Ion: 85 Resp: 41931

Ion Ratio Lower Upper

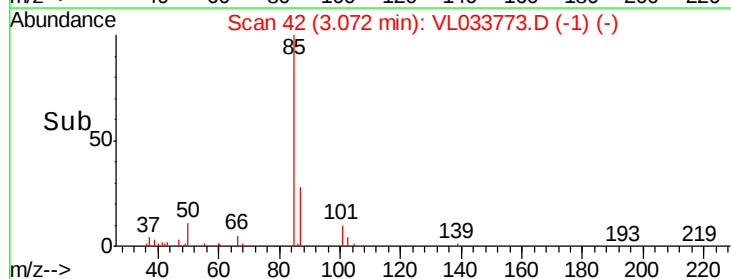
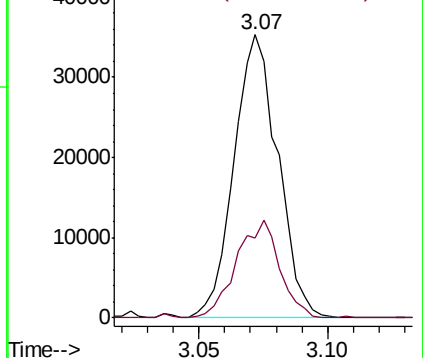
85 100

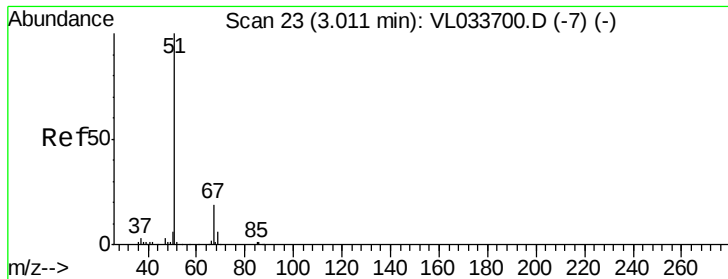
87 28.3 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

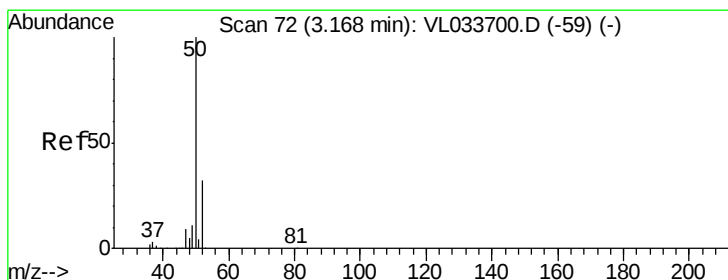
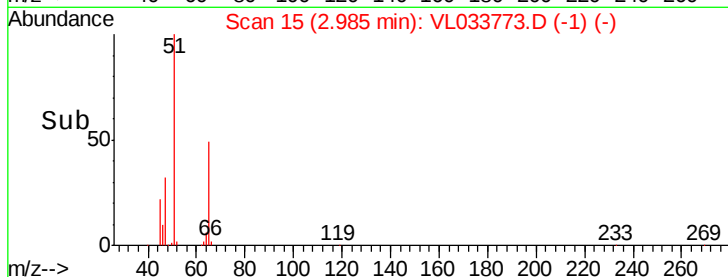
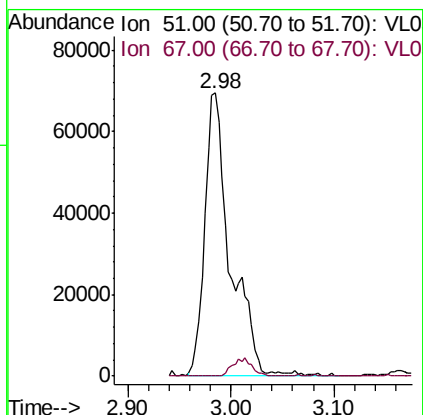
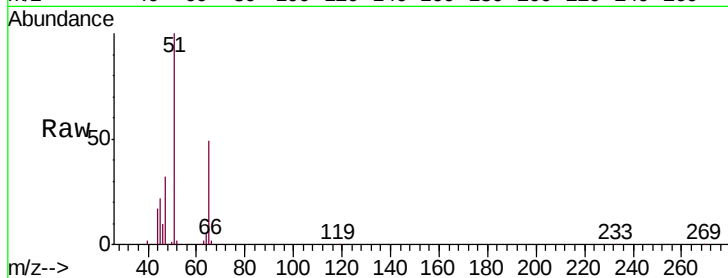




#3
Chlorodifluoromethane
Concen: 1.156 ppbv
RT: 2.98 min Scan# 15
Delta R.T. -0.03 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

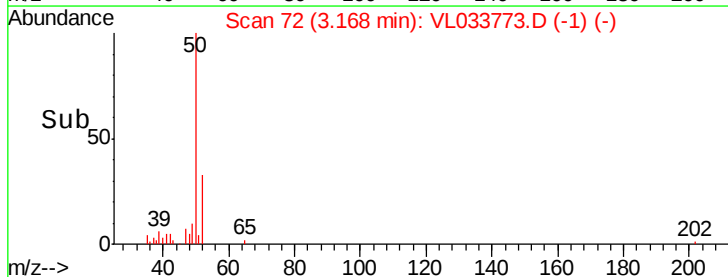
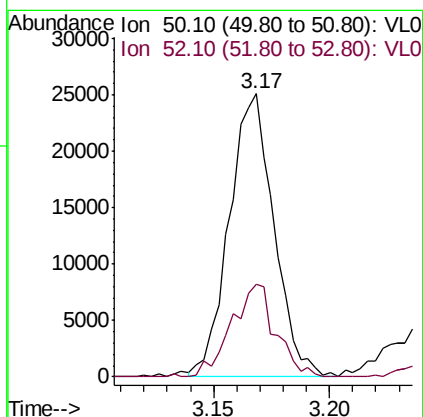
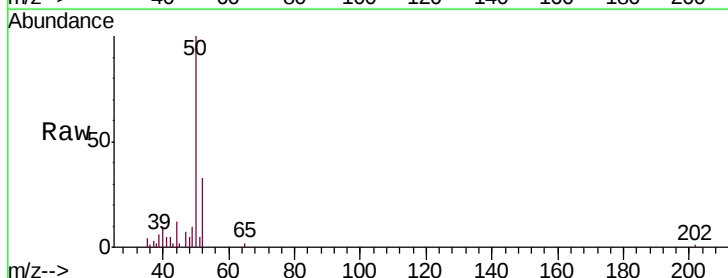
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

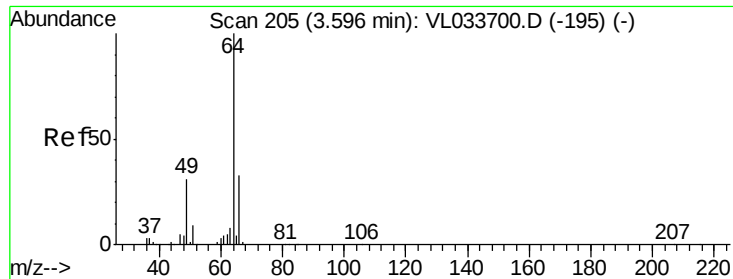
Tgt Ion: 51 Resp: 120035
Ion Ratio Lower Upper
51 100
67 4.8 15.6 23.4#



#4
Chloromethane
Concen: 0.565 ppbv
RT: 3.17 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

Tgt Ion: 50 Resp: 33558
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5





#7

Chloroethane

Concen: 0.016 ppbv

RT: 3.60 min Scan# 206

Delta R.T. 0.00 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

Instrument :

MSVOA_L

ClientSampleId :

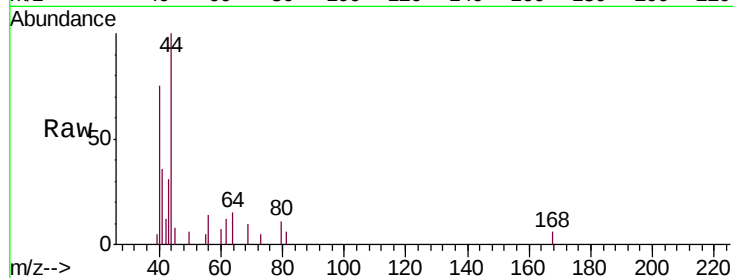
BPS1-SG-3002-55

Tgt Ion: 64 Resp: 339

Ion Ratio Lower Upper

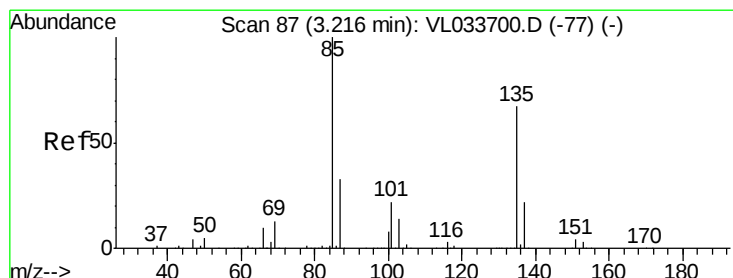
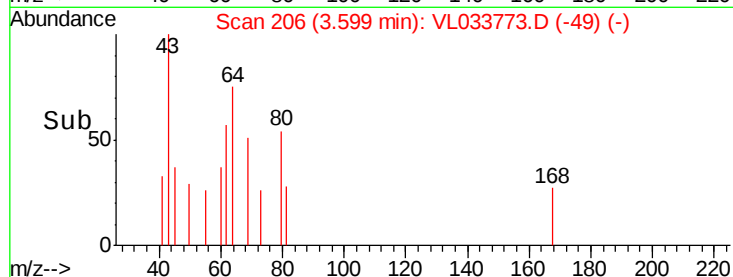
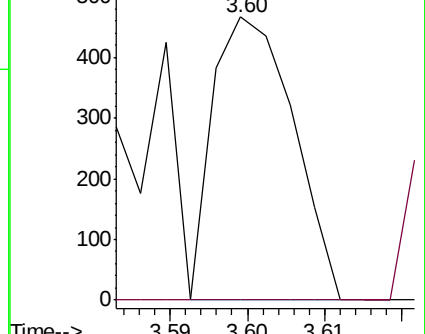
64 100

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: 0.017 ppbv

RT: 3.22 min Scan# 87

Delta R.T. 0.00 min

Lab File: VL033773.D

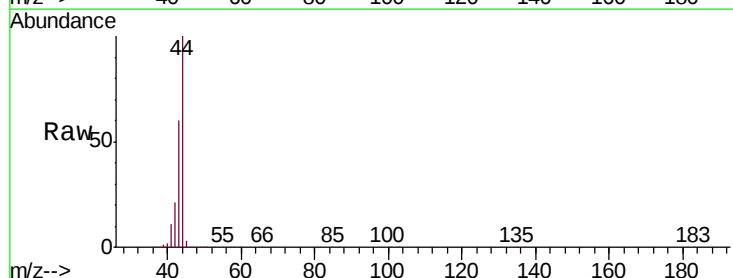
Acq: 23 May 2019 14:46

Tgt Ion: 85 Resp: 2672

Ion Ratio Lower Upper

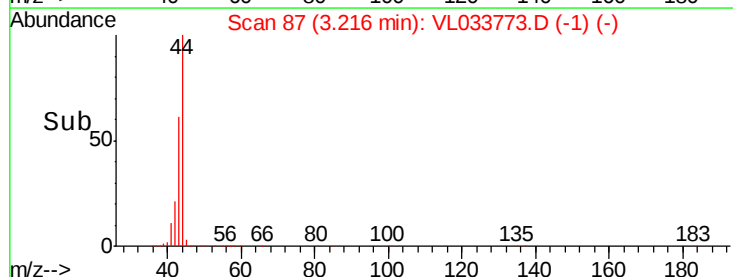
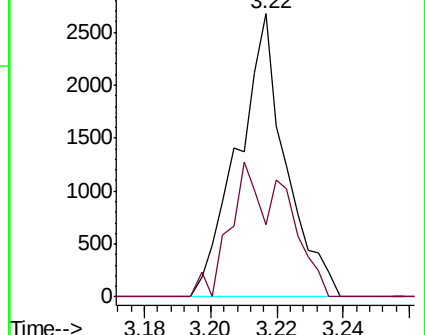
85 100

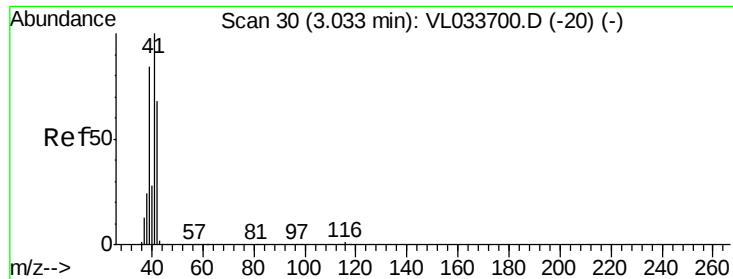
135 56.2 54.5 81.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 3.005 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

Instrument :

MSVOA_L

ClientSampleId :

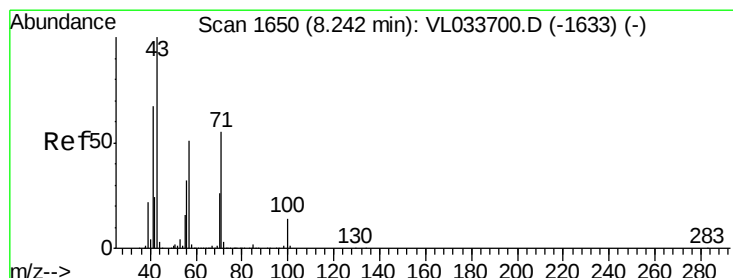
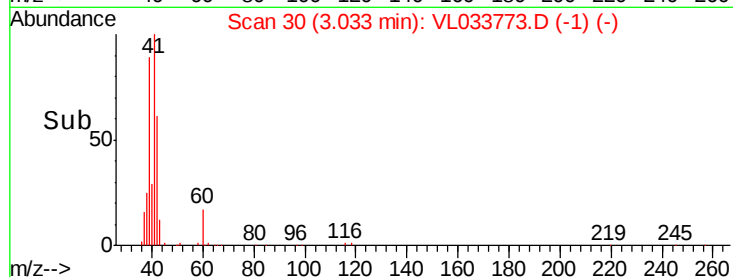
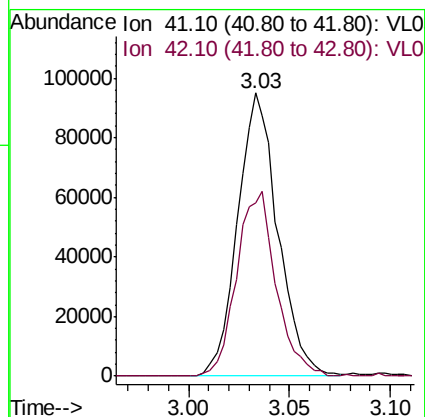
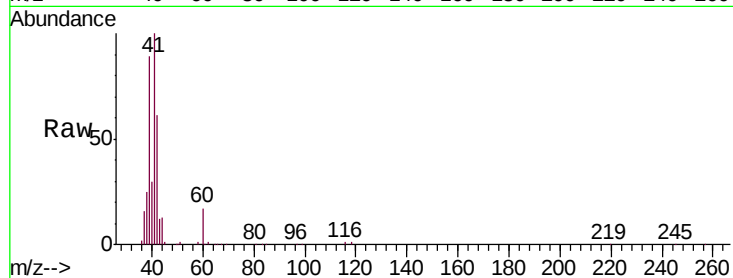
BPS1-SG-3002-55

Tgt Ion: 41 Resp: 132770

Ion Ratio Lower Upper

41 100

42 64.0 56.1 84.1



#10

Heptane

Concen: 1.020 ppbv

RT: 8.24 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VL033773.D

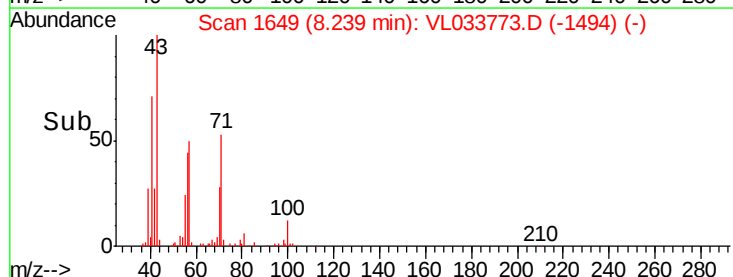
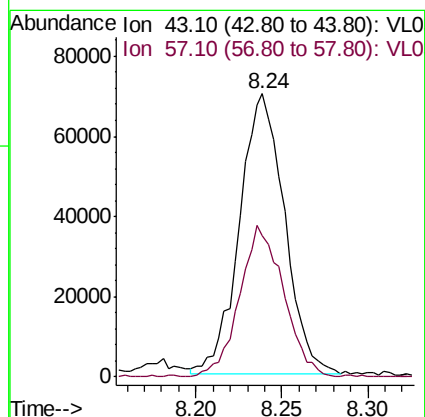
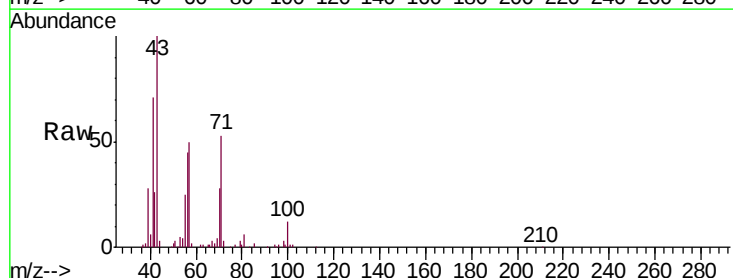
Acq: 23 May 2019 14:46

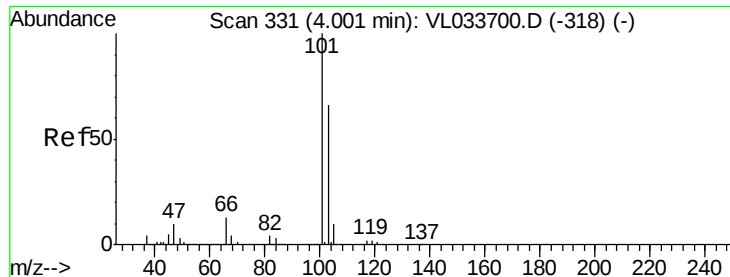
Tgt Ion: 43 Resp: 127620

Ion Ratio Lower Upper

43 100

57 53.3 41.4 62.0

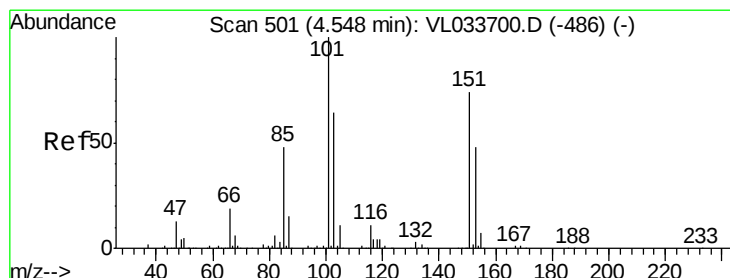
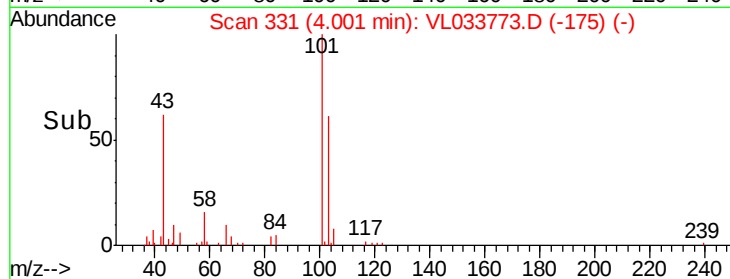
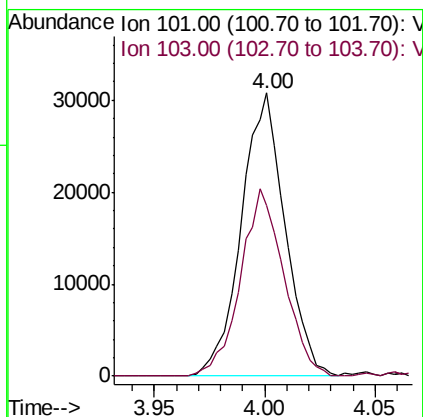
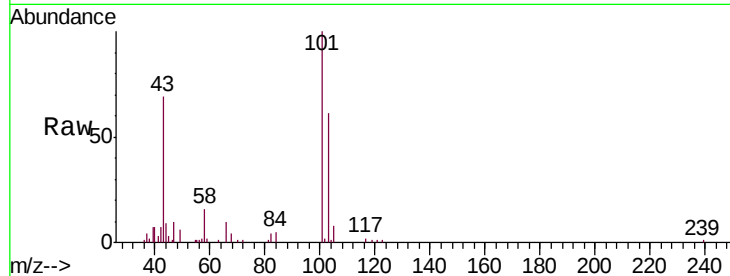




#11
 Trichlorofluoromethane
 Concen: 0.232 ppbv
 RT: 4.00 min Scan# 331
 Delta R.T. 0.00 min
 Lab File: VL033773.D
 Acq: 23 May 2019 14:46

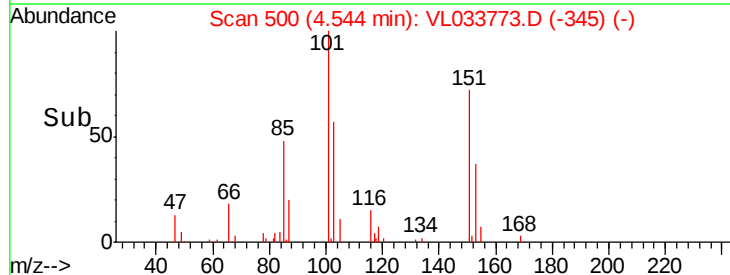
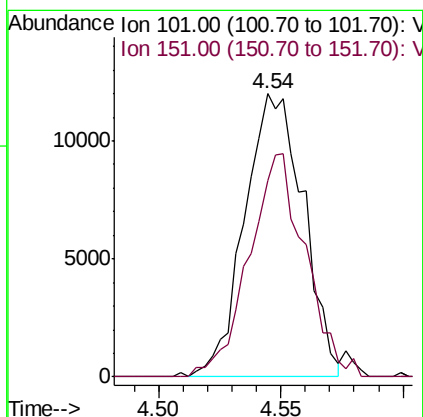
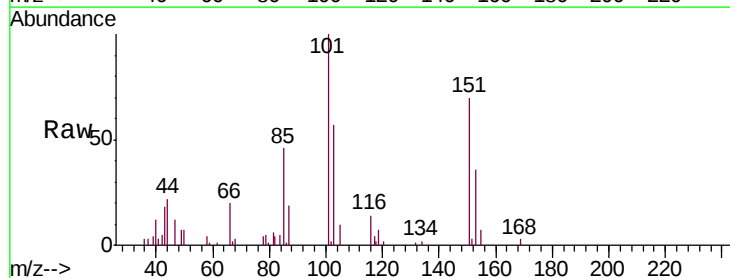
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3002-55

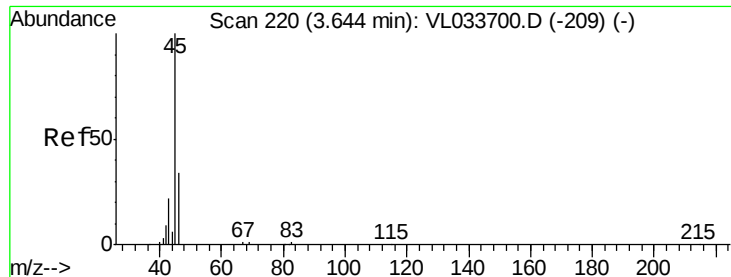
Tgt Ion:101 Resp: 42339
 Ion Ratio Lower Upper
 101 100
 103 60.5 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.157 ppbv
 RT: 4.54 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VL033773.D
 Acq: 23 May 2019 14:46

Tgt Ion:101 Resp: 20012
 Ion Ratio Lower Upper
 101 100
 151 75.7 58.2 87.4

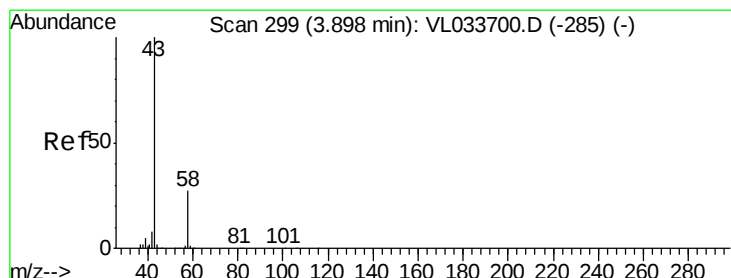
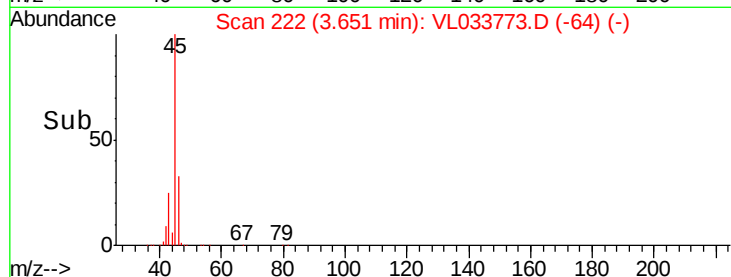
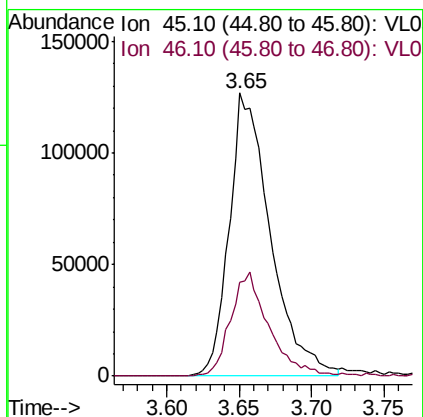
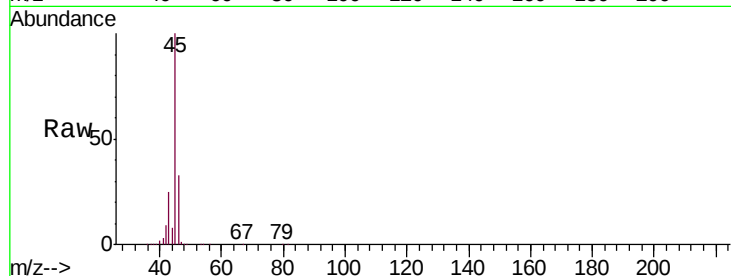




#13
Ethanol
Concen: 17.603 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

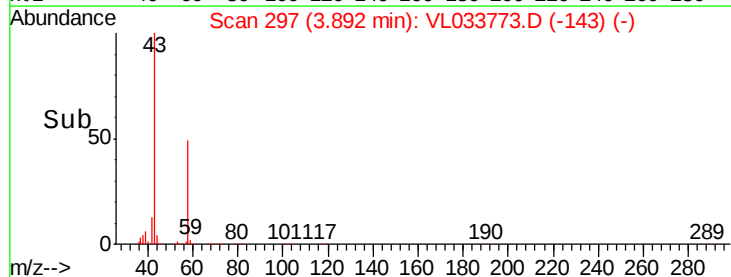
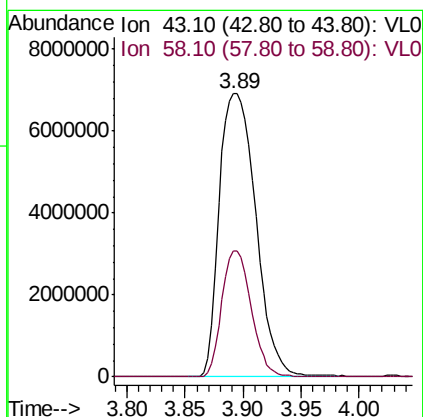
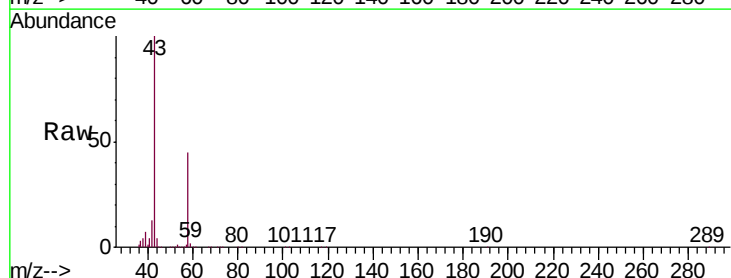
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

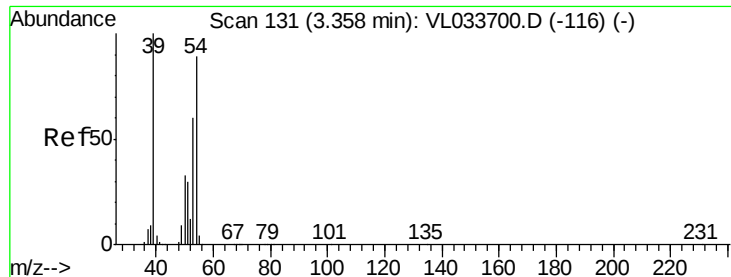
Tgt Ion: 45 Resp: 251360
Ion Ratio Lower Upper
45 100
46 34.6 14.8 59.0



#15
Acetone
Concen: 120.376 ppbv
RT: 3.89 min Scan# 297
Delta R.T. -0.01 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

Tgt Ion: 43 Resp: 15144698
Ion Ratio Lower Upper
43 100
58 35.9 21.3 31.9#

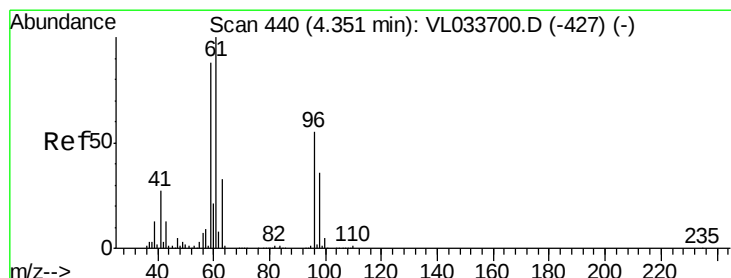
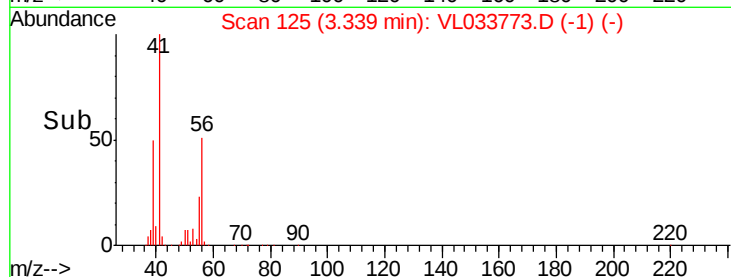
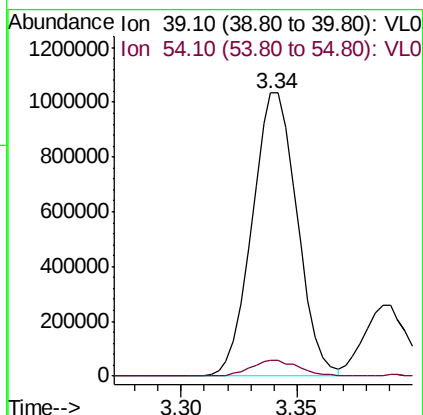
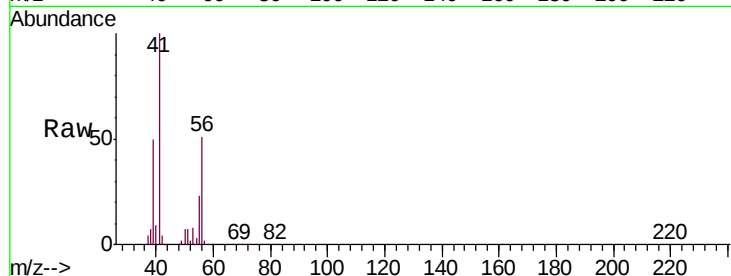




#16
 1,3-Butadiene
 Concen: 27.949 ppbv
 RT: 3.34 min Scan# 125
 Delta R.T. -0.02 min
 Lab File: VL033773.D
 Acq: 23 May 2019 14:46

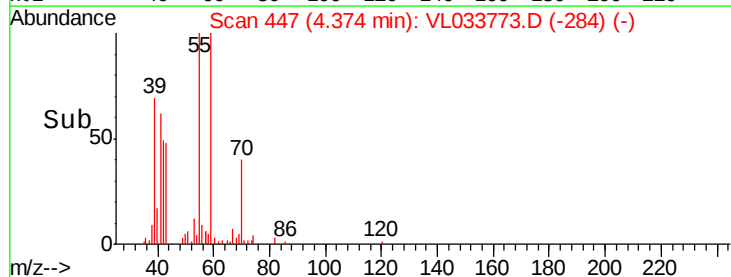
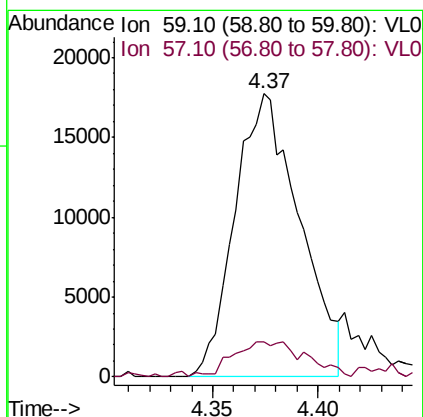
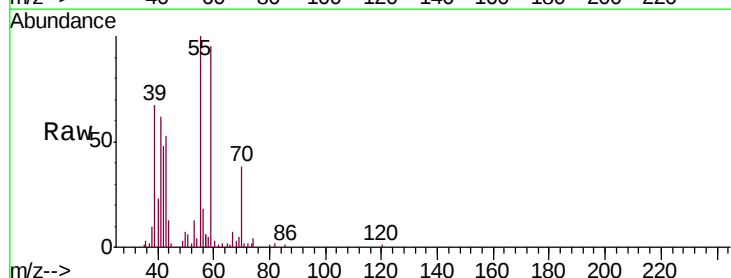
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3002-55

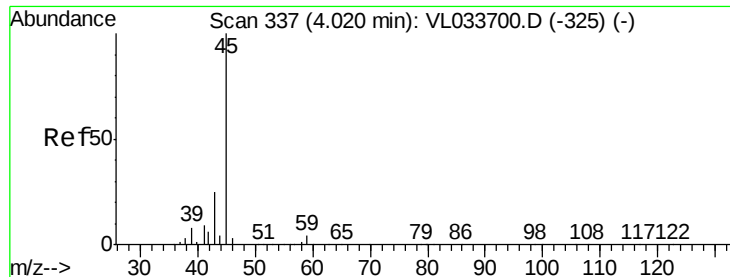
Tgt Ion: 39 Resp: 1400279
 Ion Ratio Lower Upper
 39 100
 54 6.0 69.0 103.6#



#17
 tert-Butyl alcohol
 Concen: 0.372 ppbv
 RT: 4.37 min Scan# 447
 Delta R.T. 0.02 min
 Lab File: VL033773.D
 Acq: 23 May 2019 14:46

Tgt Ion: 59 Resp: 37807
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#





#19

Isopropyl Alcohol

Concen: 1.315 ppbv

RT: 4.03 min Scan# 341

Delta R.T. 0.01 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

Instrument :

MSVOA_L

ClientSampleId :

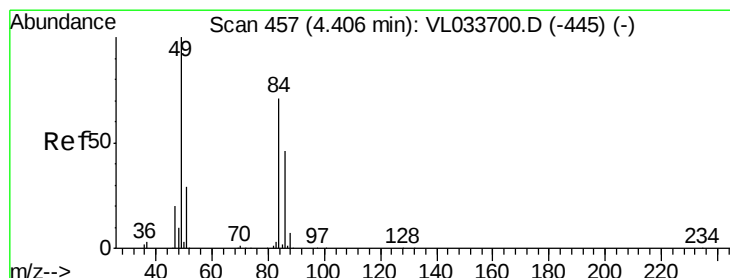
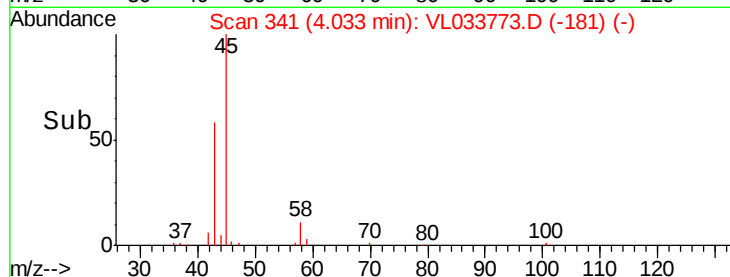
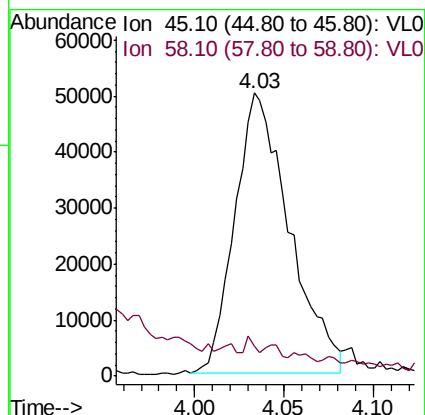
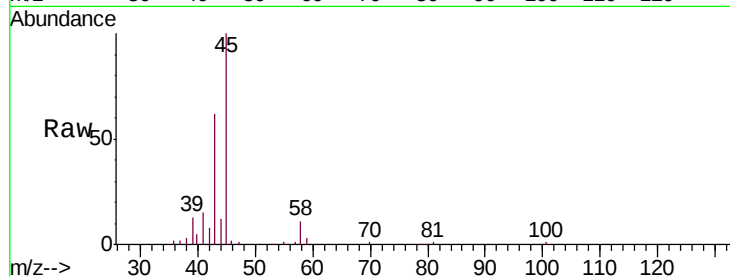
BPS1-SG-3002-55

Tgt Ion: 45 Resp: 106681

Ion Ratio Lower Upper

45 100

58 0.0 1.6 2.4#



#20

Methylene Chloride

Concen: 1.681 ppbv

RT: 4.41 min Scan# 458

Delta R.T. 0.00 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

Tgt Ion: 84 Resp: 81409

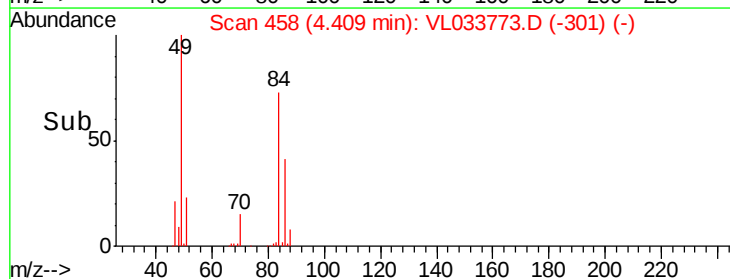
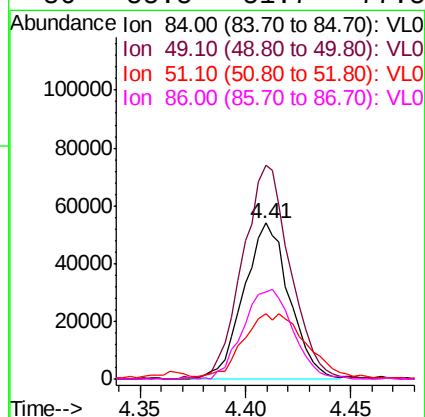
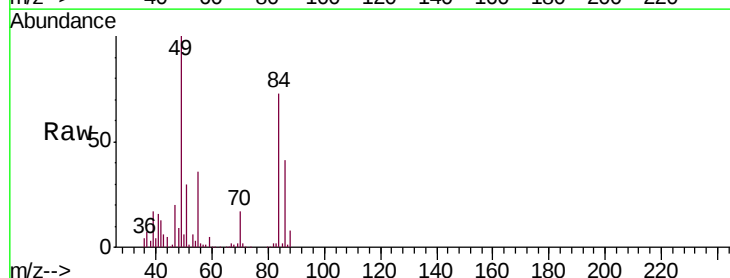
Ion Ratio Lower Upper

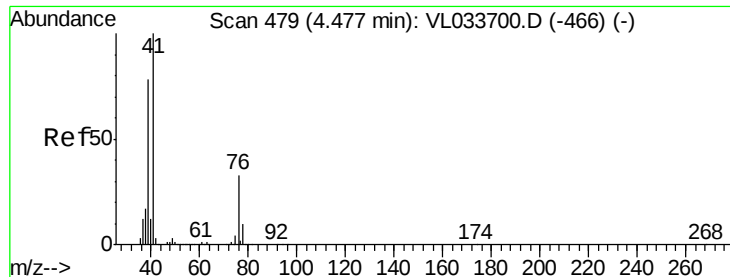
84 100

49 136.4 112.8 169.2

51 39.8 33.4 50.0

86 55.5 51.7 77.5

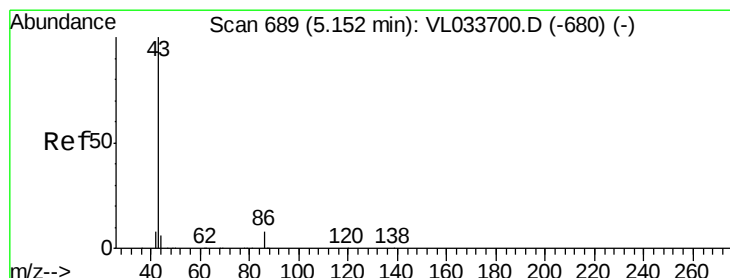
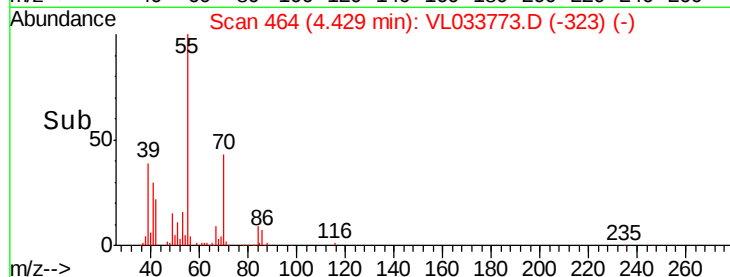
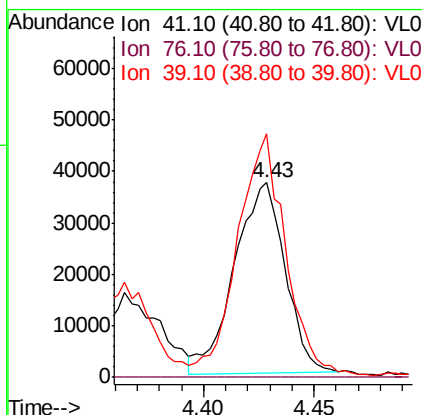
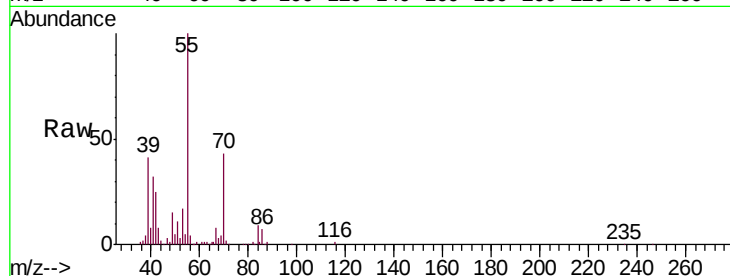




#21
 Allyl Chloride
 Concen: 0.755 ppbv
 RT: 4.43 min Scan# 464
 Delta R.T. -0.05 min
 Lab File: VL033773.D
 Acq: 23 May 2019 14:46

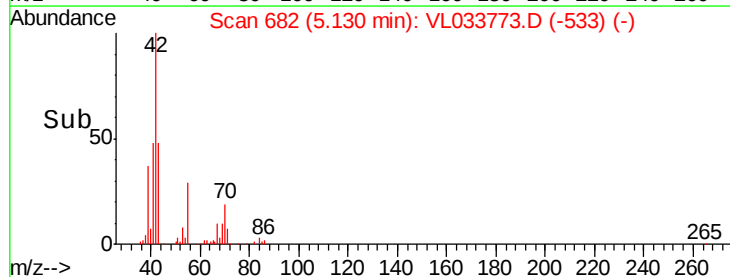
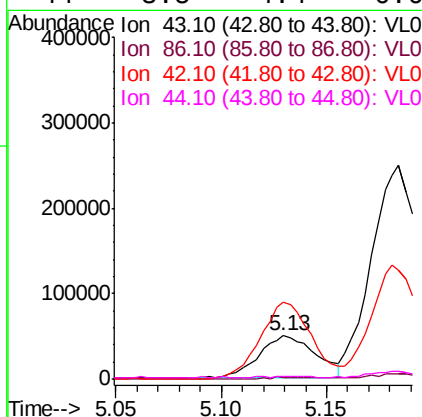
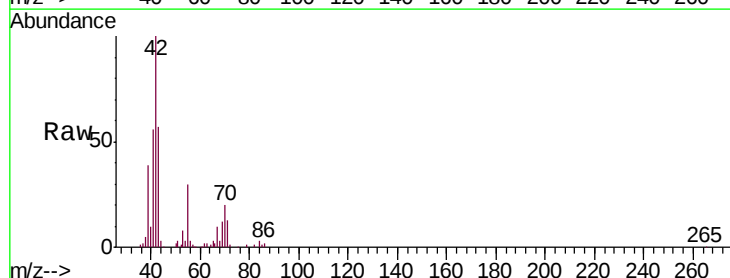
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3002-55

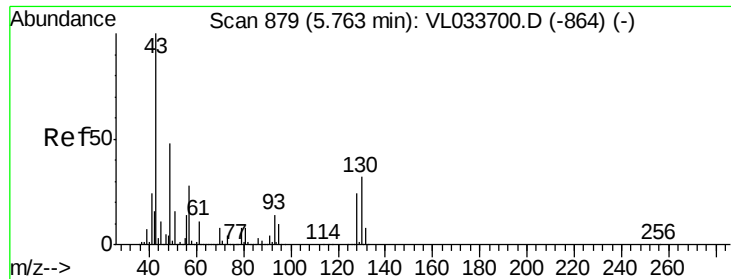
Tgt Ion: 41 Resp: 59271
 Ion Ratio Lower Upper
 41 100
 76 0.0 25.9 38.9#
 39 124.8 64.6 97.0#



#23
 Vinyl Acetate
 Concen: 0.559 ppbv
 RT: 5.13 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: VL033773.D
 Acq: 23 May 2019 14:46

Tgt Ion: 43 Resp: 92653
 Ion Ratio Lower Upper
 43 100
 86 3.9 6.0 9.0#
 42 180.3 7.5 11.3#
 44 3.5 4.4 6.6#

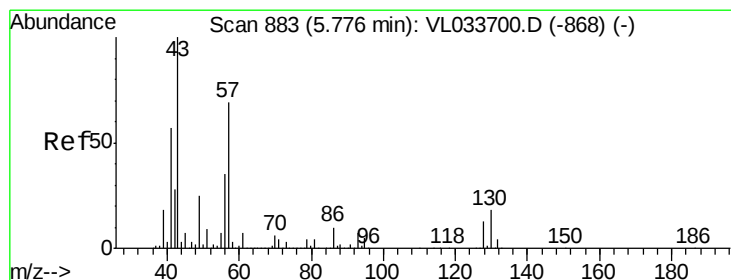
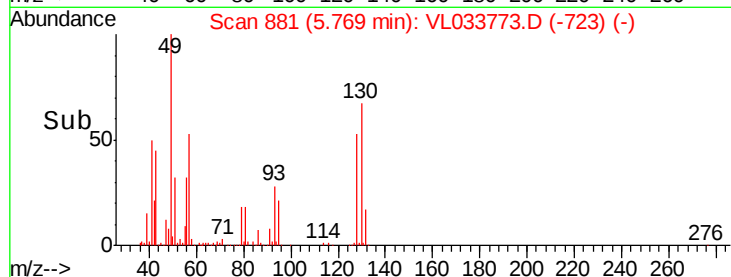
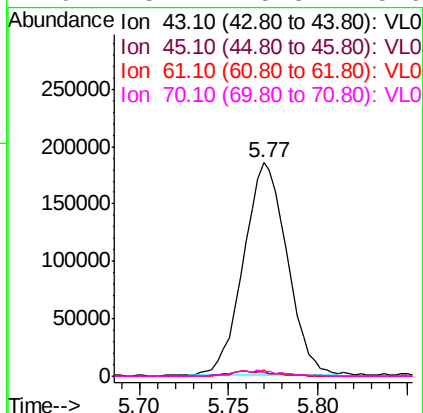
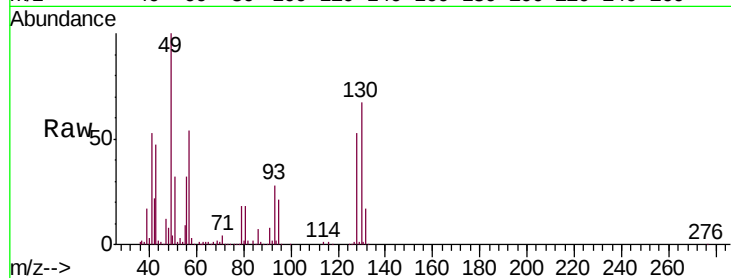




#25
Ethyl Acetate
Concen: 1.425 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.01 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

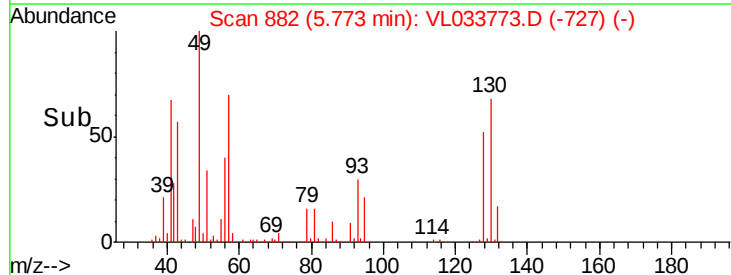
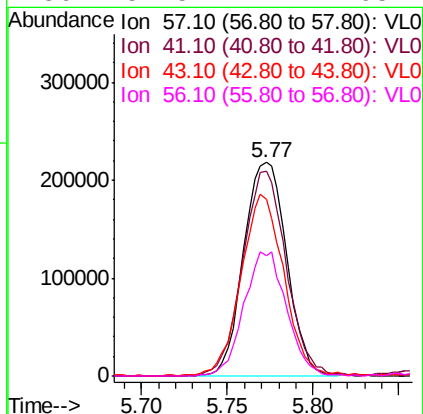
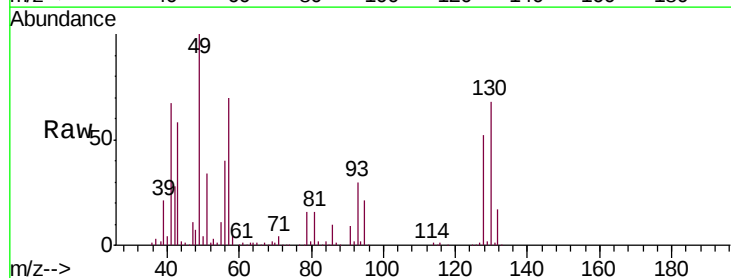
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

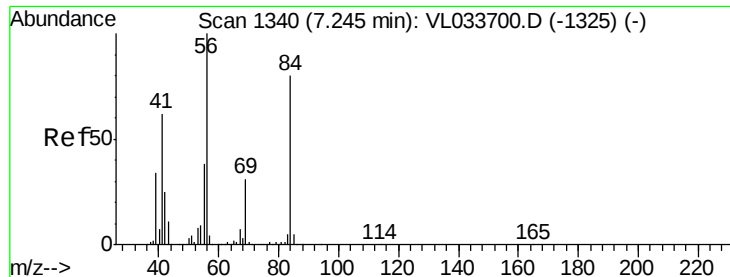
Tgt Ion:	43	Resp:	314843
Ion	Ratio	Lower	Upper
43	100		
45	2.8	7.9	11.9#
61	2.6	7.7	11.5#
70	3.1	5.8	8.6#



#26
Hexane
Concen: 4.004 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

Tgt Ion:	57	Resp:	380412
Ion	Ratio	Lower	Upper
57	100		
41	97.5	69.8	104.6
43	83.9	181.8	272.6#
56	57.5	42.1	63.1

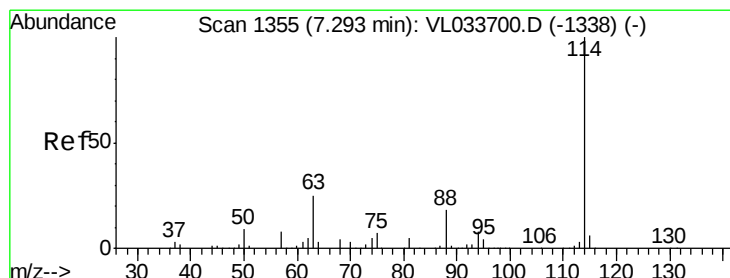
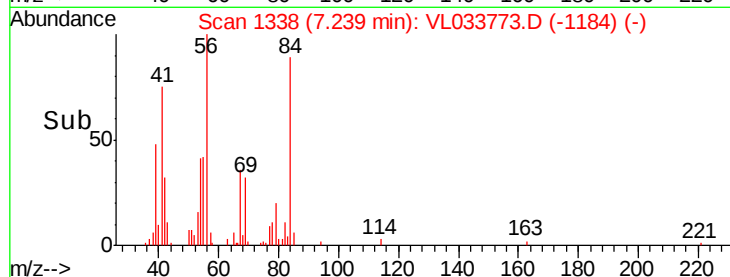
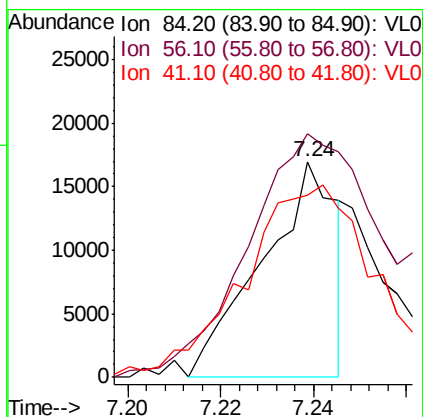
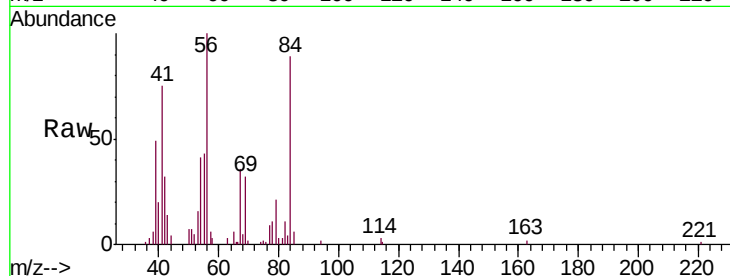




#30
Cyclohexane
Concen: 0.235 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

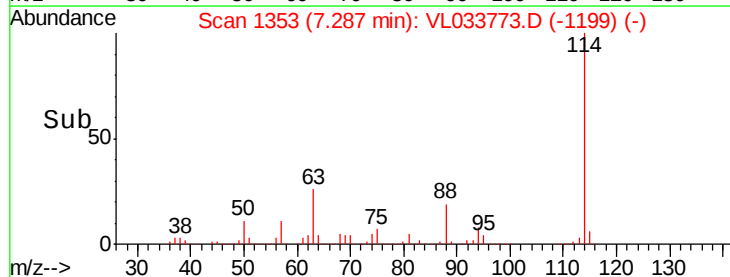
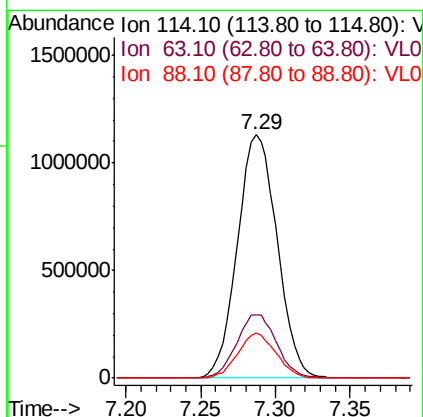
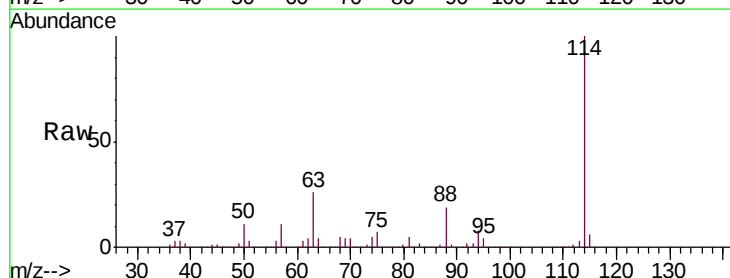
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

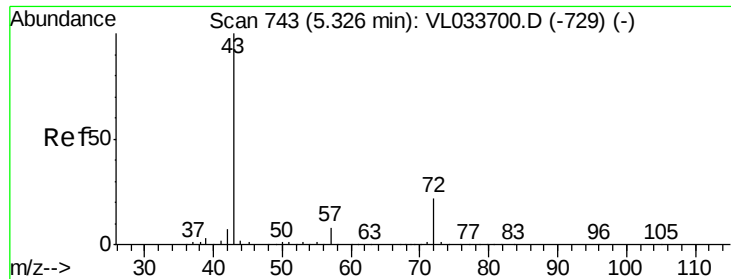
Tgt Ion: 84 Resp: 18766
Ion Ratio Lower Upper
84 100
56 200.5 107.7 161.5#
41 161.1 66.0 99.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

Tgt Ion: 114 Resp: 2093645
Ion Ratio Lower Upper
114 100
63 26.2 20.9 31.3
88 17.8 14.3 21.5

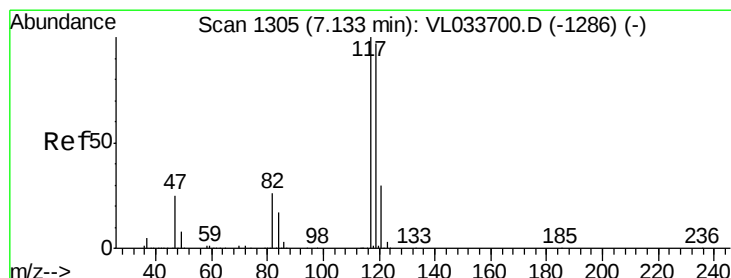
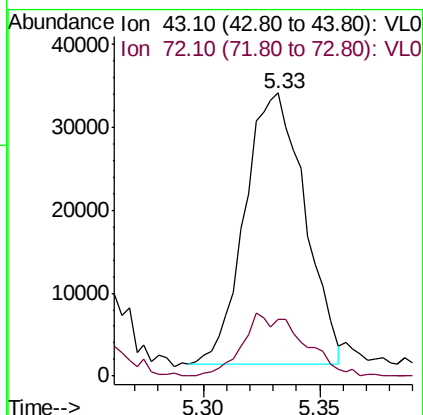
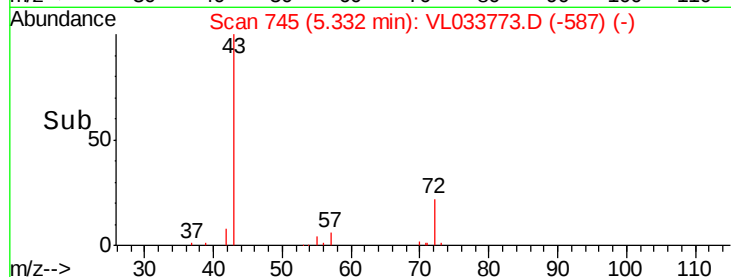
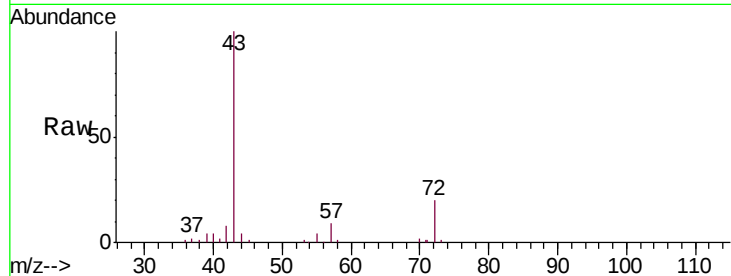




#34
2-Butanone
Concen: 0.454 ppbv
RT: 5.33 min Scan# 745
Delta R.T. 0.01 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

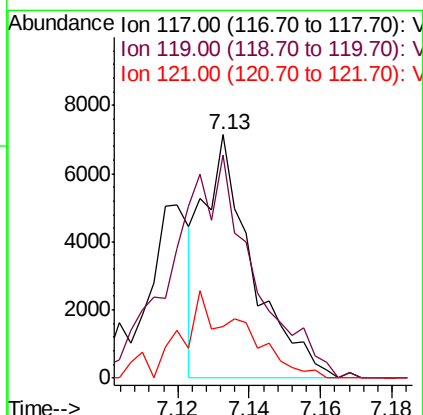
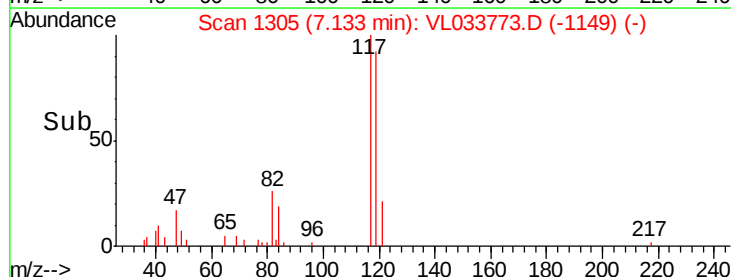
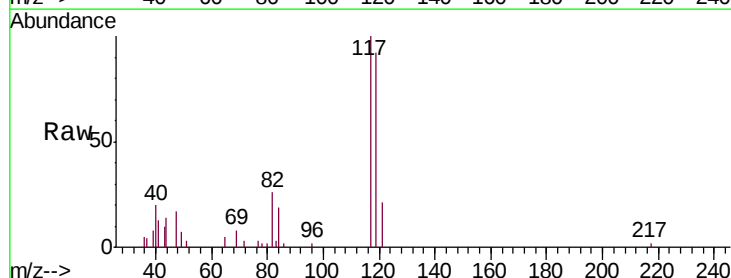
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

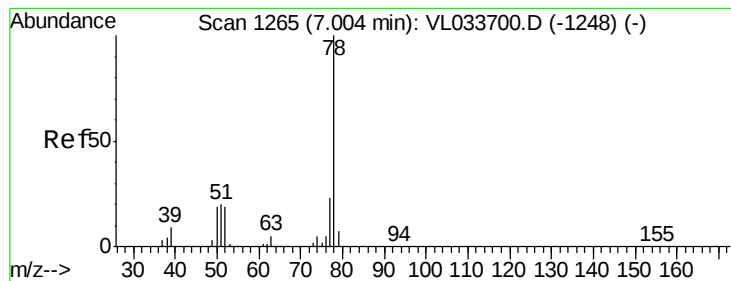
Tgt Ion: 43 Resp: 58941
Ion Ratio Lower Upper
43 100
72 23.4 17.8 26.6



#35
Carbon Tetrachloride
Concen: 0.041 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

Tgt Ion: 117 Resp: 6804
Ion Ratio Lower Upper
117 100
119 91.6 77.2 115.8
121 21.3 24.1 36.1#





#36

Benzene

Concen: 0.956 ppbv

RT: 7.00 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3002-55

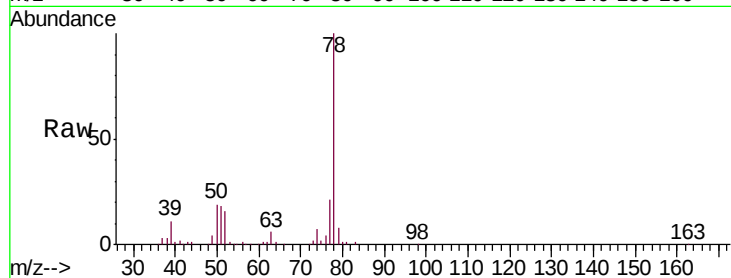
Tgt Ion: 78 Resp: 182076

Ion Ratio Lower Upper

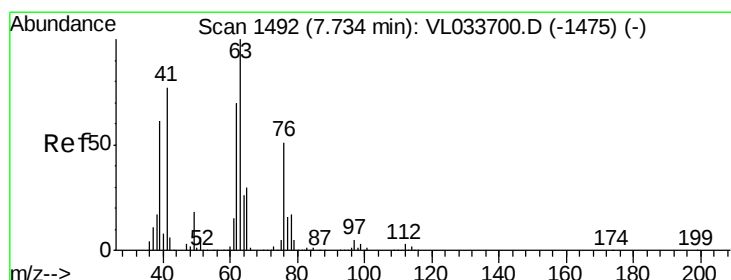
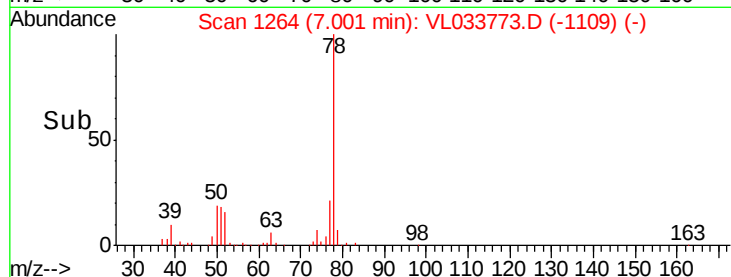
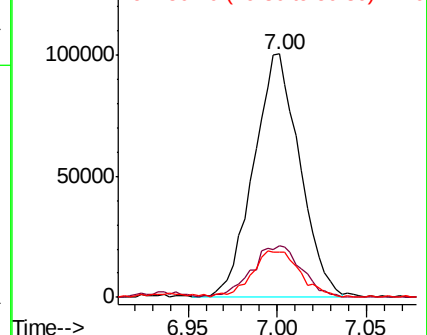
78 100

77 20.6 18.4 27.6

50 18.7 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



#39

1,2-Dichloropropane

Concen: 7.655 ppbv

RT: 7.29 min Scan# 1353

Delta R.T. -0.45 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

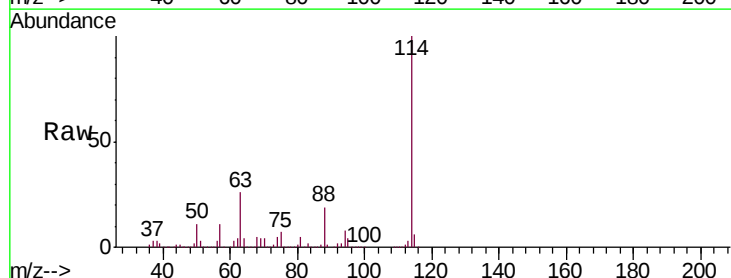
Tgt Ion: 63 Resp: 543556

Ion Ratio Lower Upper

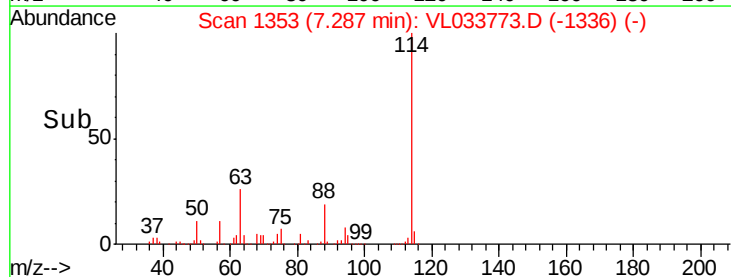
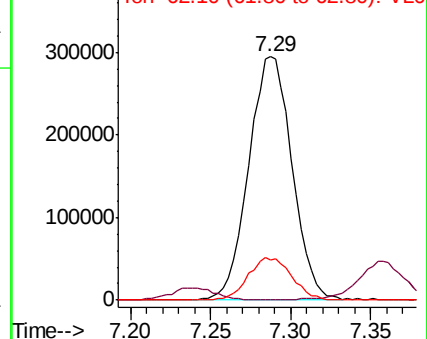
63 100

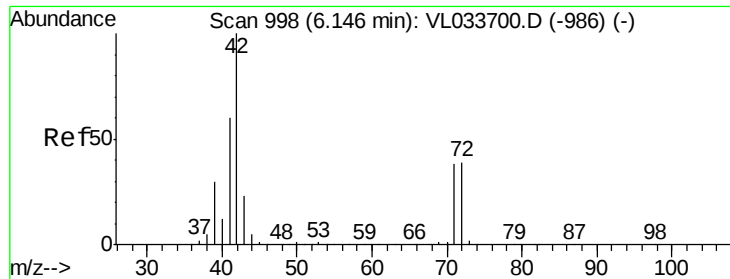
41 0.0 61.5 92.3#

62 16.3 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





#41

Tetrahydrofuran

Concen: 0.027 ppbv

RT: 6.15 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3002-55

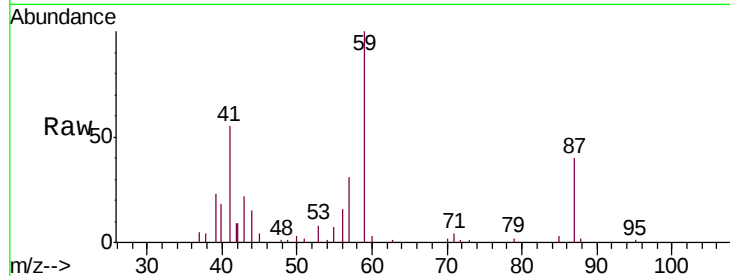
Tgt Ion: 42 Resp: 1972

Ion Ratio Lower Upper

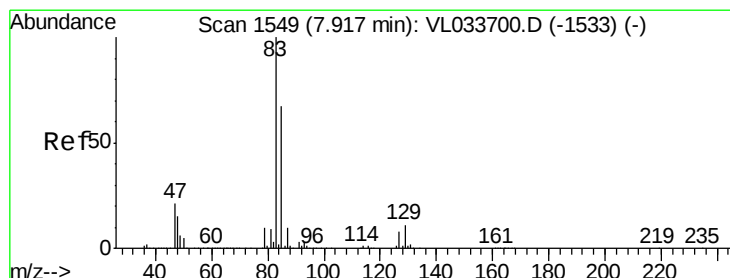
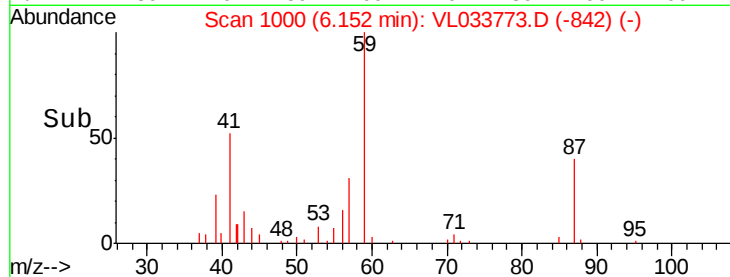
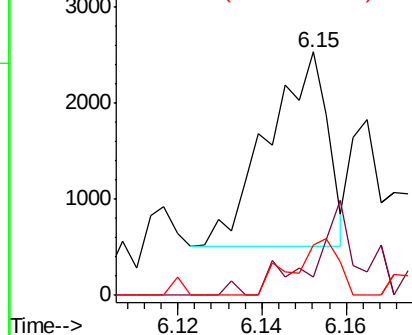
42 100

72 42.3 32.0 48.0

71 0.0 30.4 45.6#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 0.016 ppbv

RT: 7.91 min Scan# 1546

Delta R.T. -0.01 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

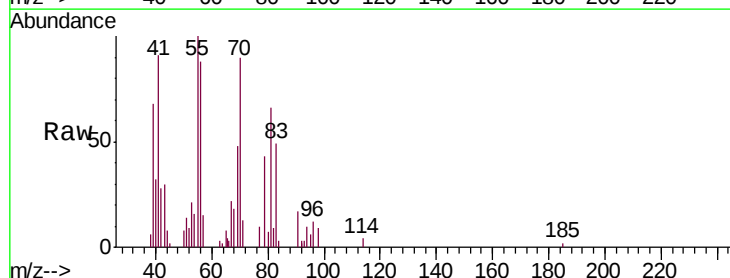
Tgt Ion: 83 Resp: 2737

Ion Ratio Lower Upper

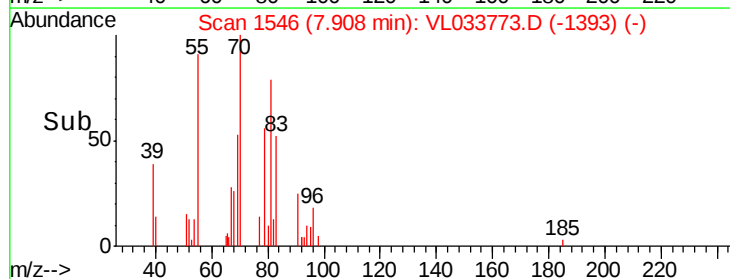
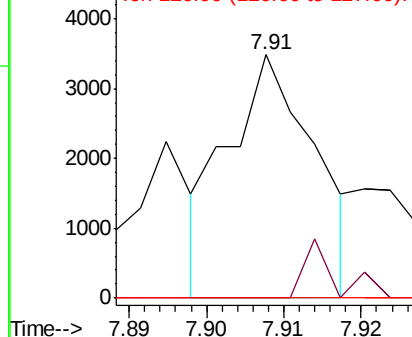
83 100

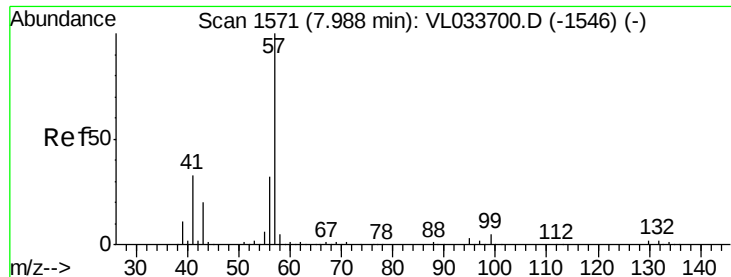
85 0.0 53.3 79.9#

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): V





#44

2,2,4-Trimethylpentane

Concen: 0.651 ppbv

RT: 7.98 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3002-55

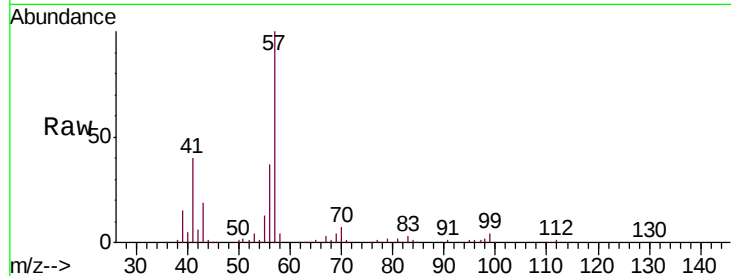
Tgt Ion: 57 Resp: 209449

Ion Ratio Lower Upper

57 100

41 45.5 25.4 38.0#

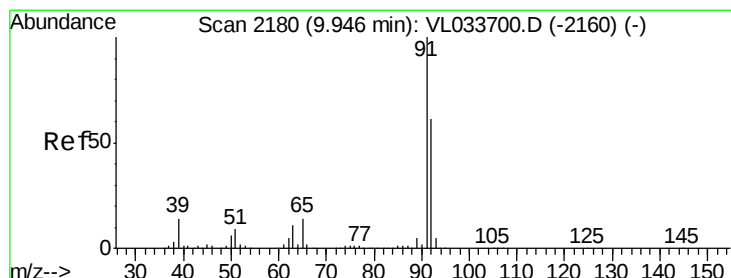
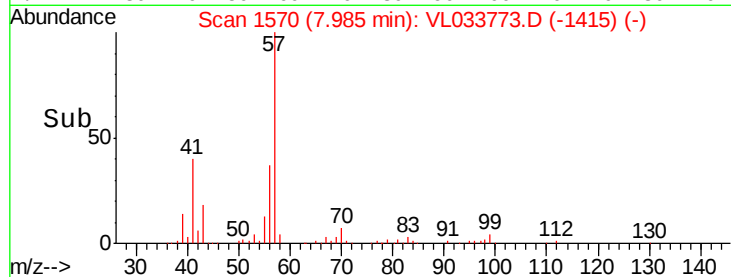
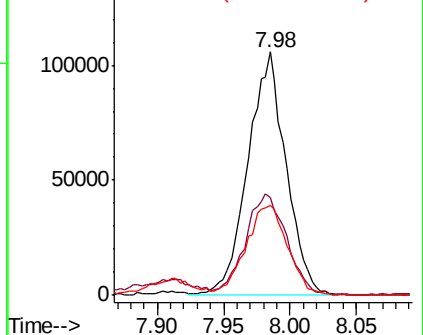
56 41.0 24.7 37.1#



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



#53

Toluene

Concen: 5.568 ppbv

RT: 9.94 min Scan# 2177

Delta R.T. -0.01 min

Lab File: VL033773.D

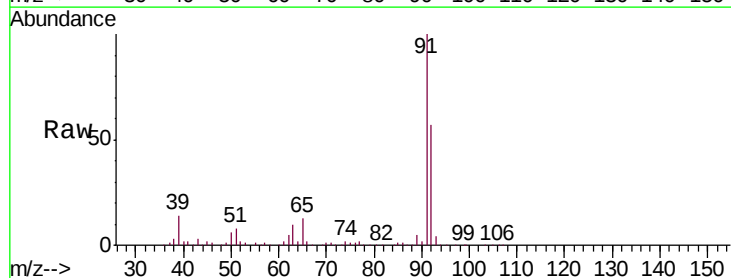
Acq: 23 May 2019 14:46

Tgt Ion: 91 Resp: 1143859

Ion Ratio Lower Upper

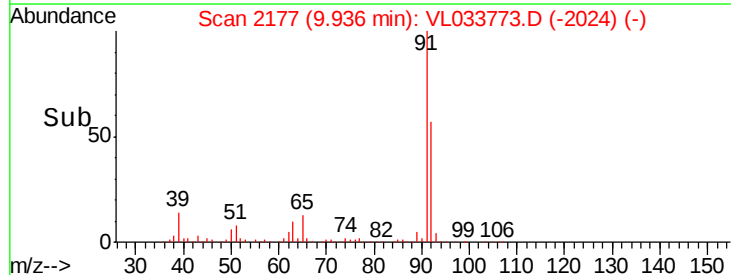
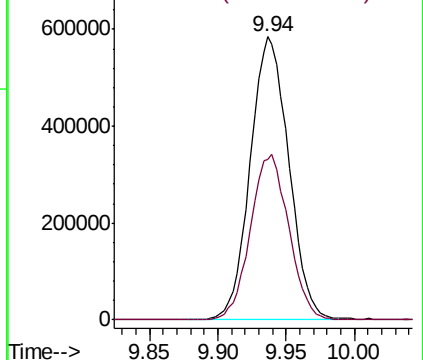
91 100

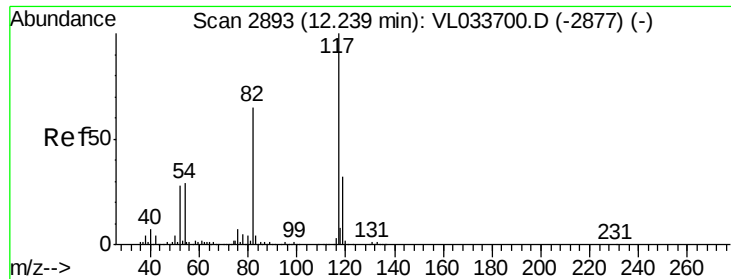
92 58.4 47.6 71.4



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# 2890

Delta R.T. -0.01 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3002-55

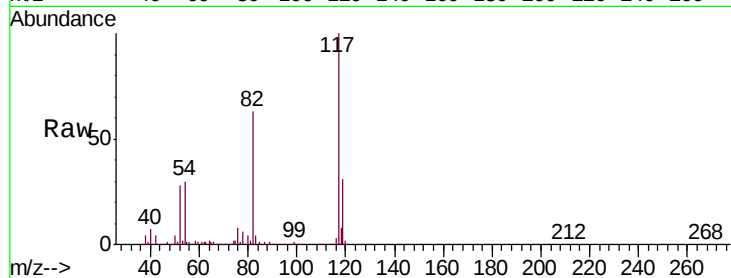
Tgt Ion:117 Resp: 2025037

Ion Ratio Lower Upper

117 100

82 67.7 49.4 74.0

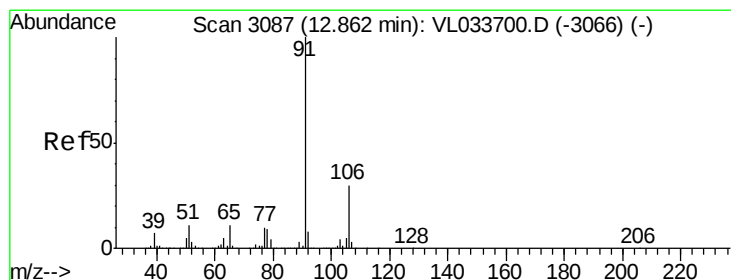
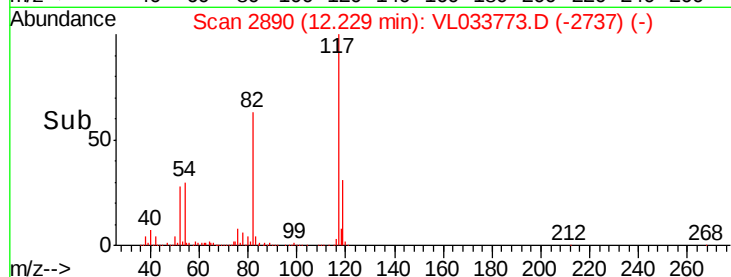
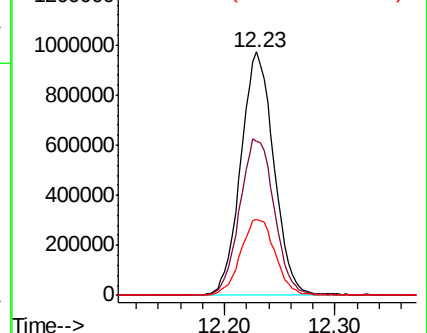
119 32.6 24.9 37.3



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



#58

Ethyl Benzene

Concen: 0.278 ppbv

RT: 12.86 min Scan# 3085

Delta R.T. -0.01 min

Lab File: VL033773.D

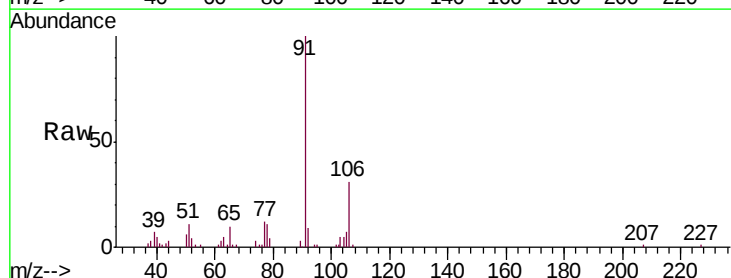
Acq: 23 May 2019 14:46

Tgt Ion: 91 Resp: 74553

Ion Ratio Lower Upper

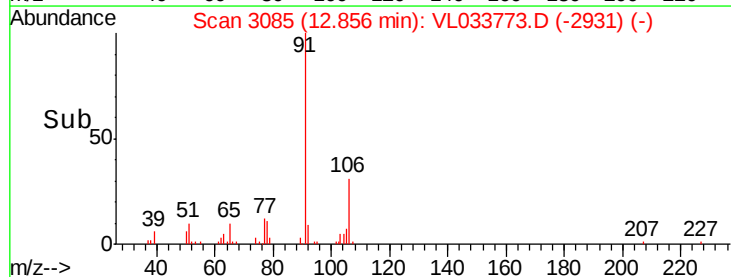
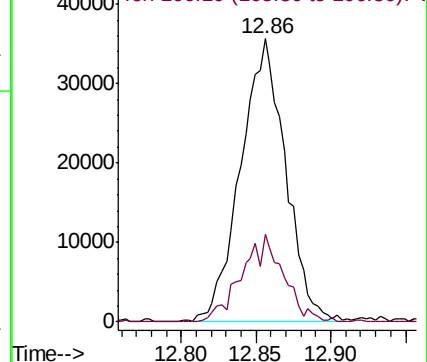
91 100

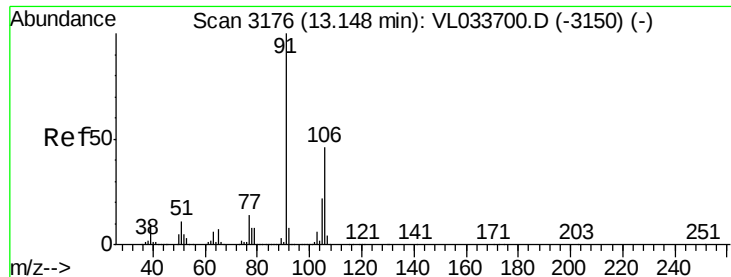
106 31.0 23.9 35.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

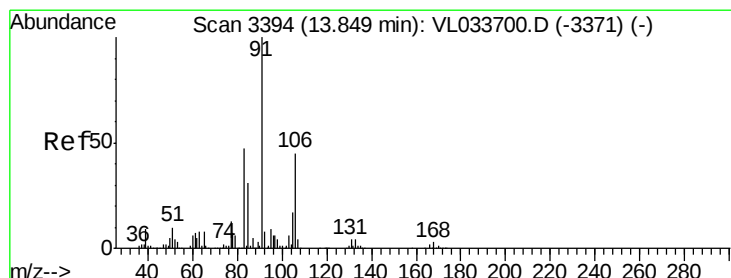
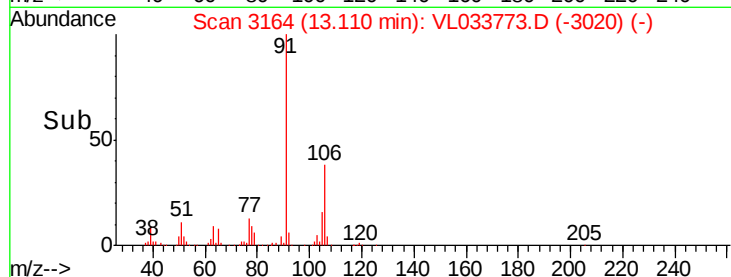
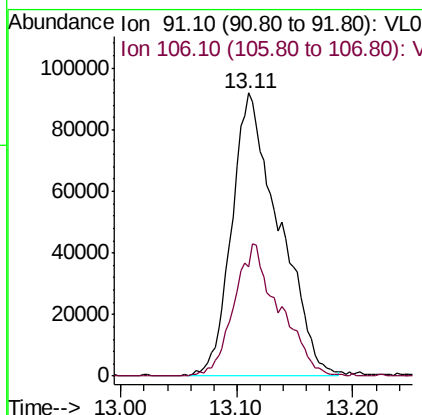
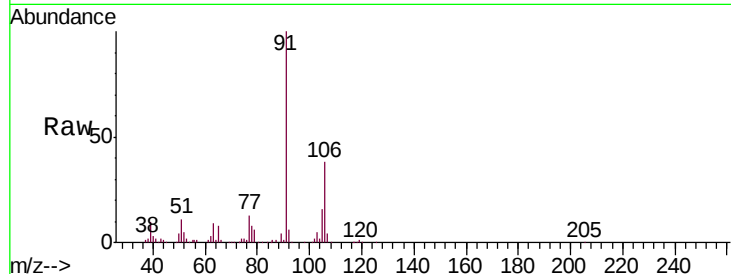




#59
m/p-Xylene
Concen: 1.111 ppbv
RT: 13.11 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

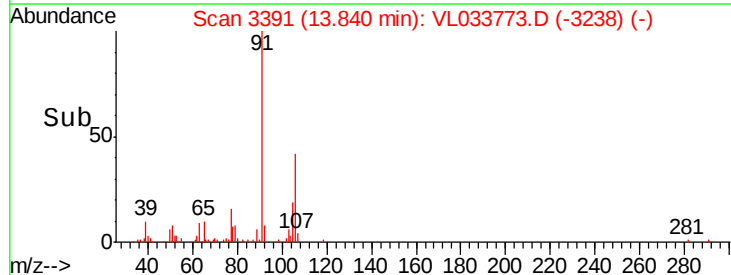
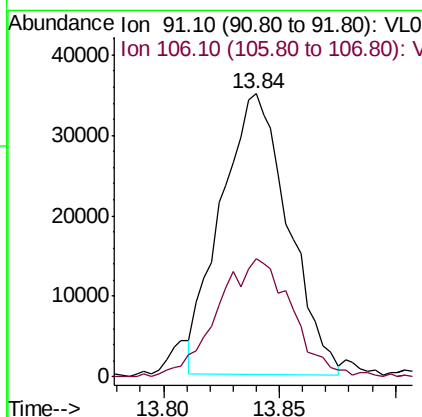
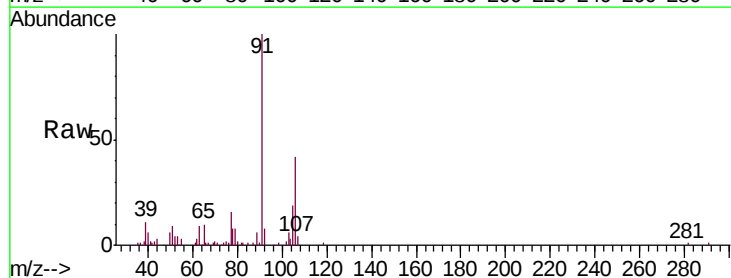
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

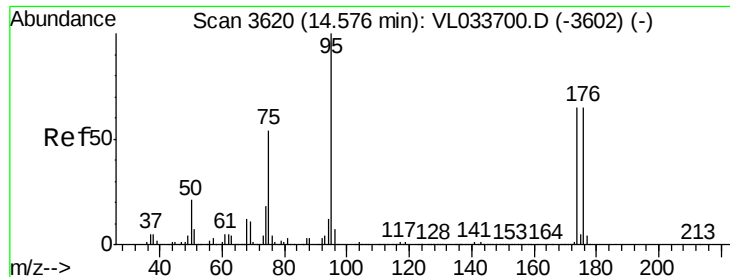
Tgt Ion: 91 Resp: 260328
Ion Ratio Lower Upper
91 100
106 44.7 35.8 53.6



#60
o-Xylene
Concen: 0.297 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033773.D
Acq: 23 May 2019 14:46

Tgt Ion: 91 Resp: 70224
Ion Ratio Lower Upper
91 100
106 47.0 21.6 64.8

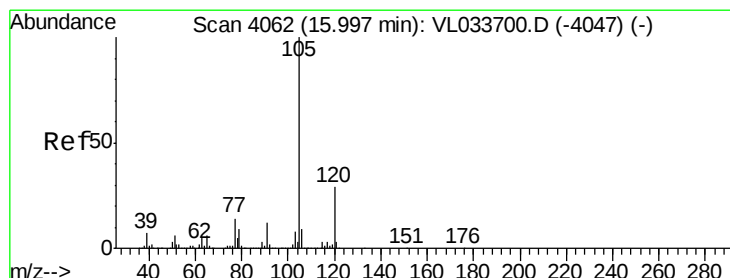
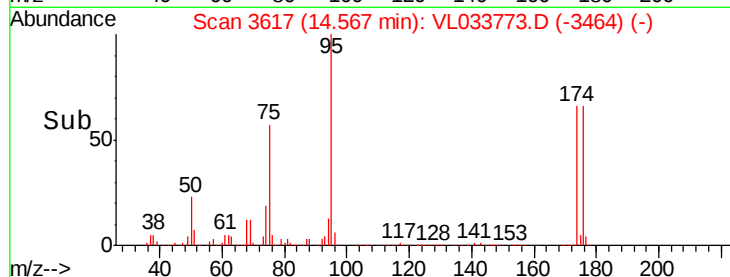
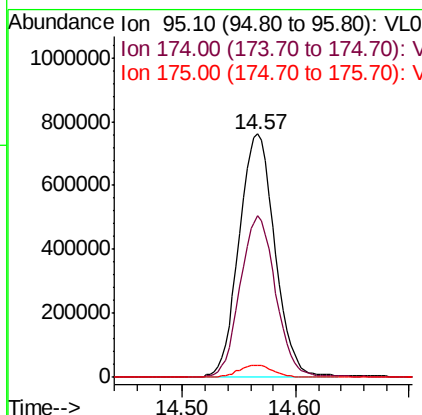
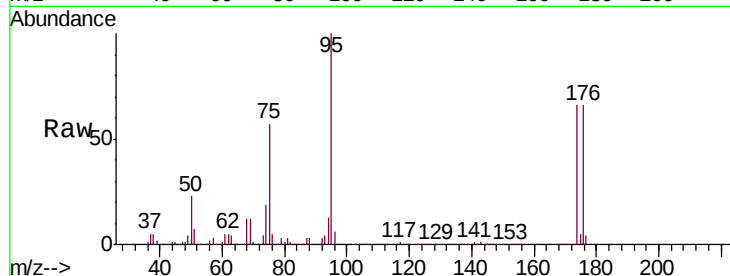




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.258 ppbv
 RT: 14.57 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL033773.D
 Acq: 23 May 2019 14:46

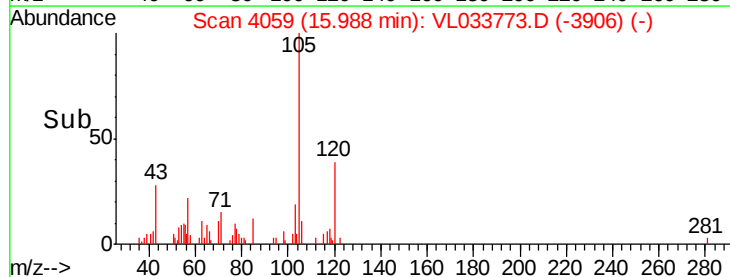
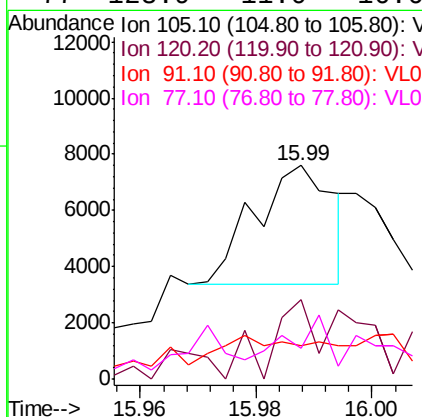
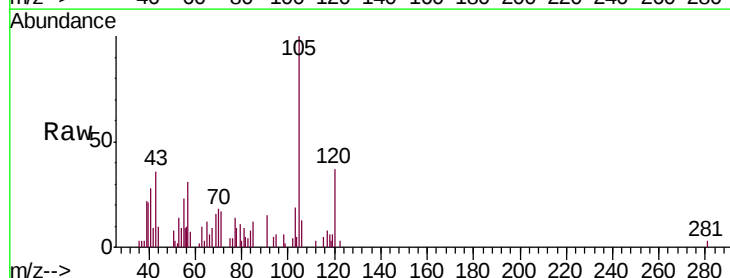
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3002-55

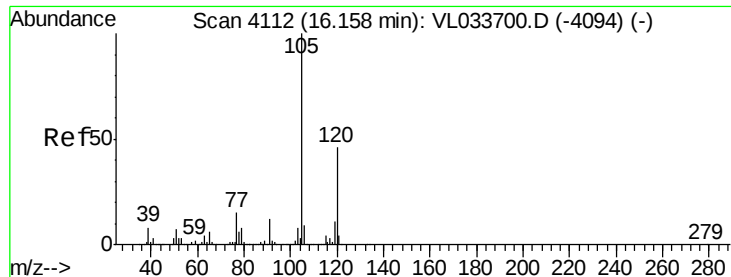
Tgt Ion: 95 Resp: 1684077
 Ion Ratio Lower Upper
 95 100
 174 65.8 53.9 80.9
 175 4.9 3.8 5.8



#72
 4-Ethyltoluene
 Concen: 0.015 ppbv
 RT: 15.99 min Scan# 4059
 Delta R.T. -0.01 min
 Lab File: VL033773.D
 Acq: 23 May 2019 14:46

Tgt Ion: 105 Resp: 3954
 Ion Ratio Lower Upper
 105 100
 120 98.5 23.1 34.7#
 91 85.9 10.4 15.6#
 77 128.9 11.0 16.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.011 ppbv

RT: 16.15 min Scan# 4108

Delta R.T. -0.01 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

Instrument :

MSVOA_L

ClientSampleId :

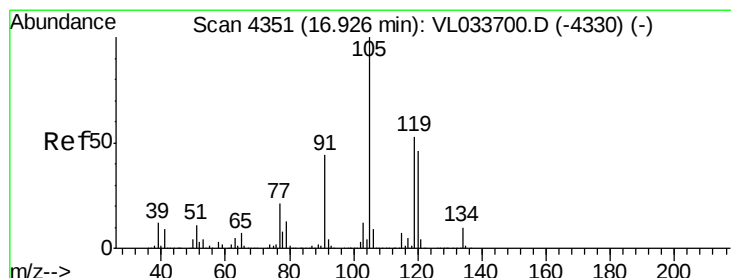
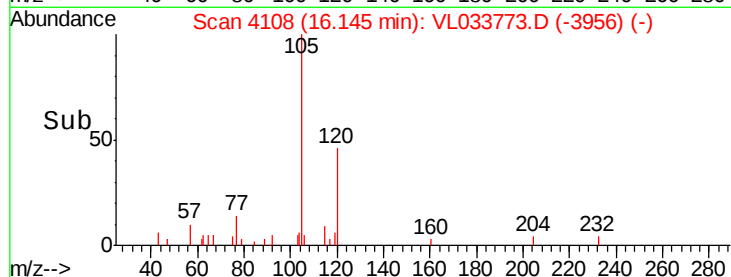
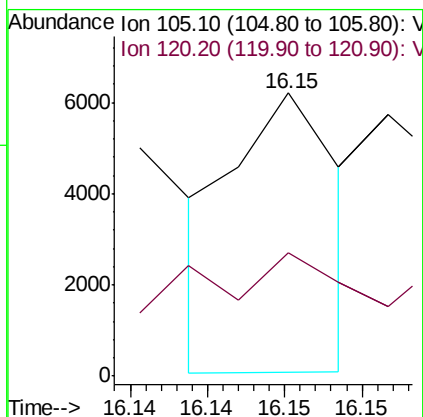
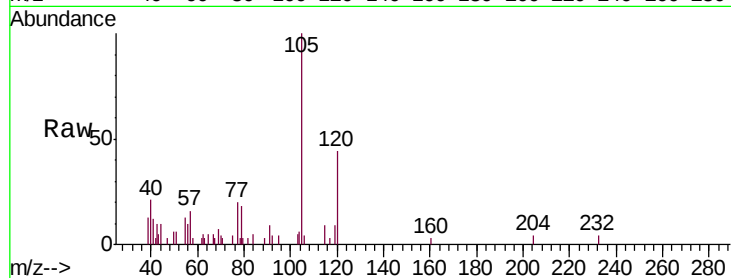
BPS1-SG-3002-55

Tgt Ion:105 Resp: 2923

Ion Ratio Lower Upper

105 100

120 36.3 37.0 55.4#



#74

1,2,4-Trimethylbenzene

Concen: 0.118 ppbv

RT: 16.91 min Scan# 4347

Delta R.T. -0.01 min

Lab File: VL033773.D

Acq: 23 May 2019 14:46

Tgt Ion:105 Resp: 33819

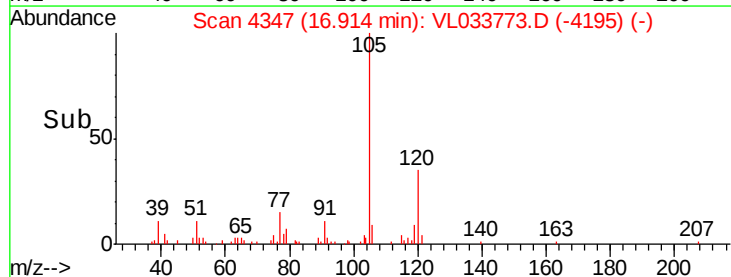
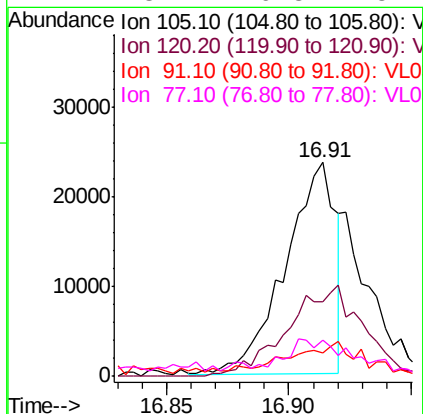
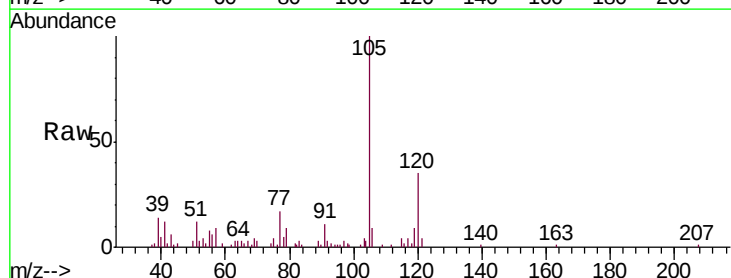
Ion Ratio Lower Upper

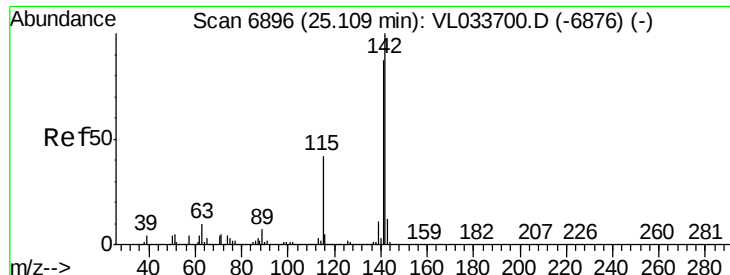
105 100

120 34.9 36.8 55.2#

91 9.0 35.4 53.0#

77 13.1 16.8 25.2#





#80
 Naphthalene, 2-methyl-
 Concen: 0.015 ppbv
 RT: 25.12 min Scan# 6898
 Delta R.T. 0.01 min
 Lab File: VL033773.D
 Acq: 23 May 2019 14:46

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3002-55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	76.9	67.2	100.8
115	36.1	34.1	51.1

