

Data File : VL033779.D
Acq On : 23 May 2019 18:46
Operator : SY/AP
Sample : K2929-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3003-55DL

Quant Time: May 24 04:26:48 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	1100172	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2812514	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	2827143	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	2272896	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

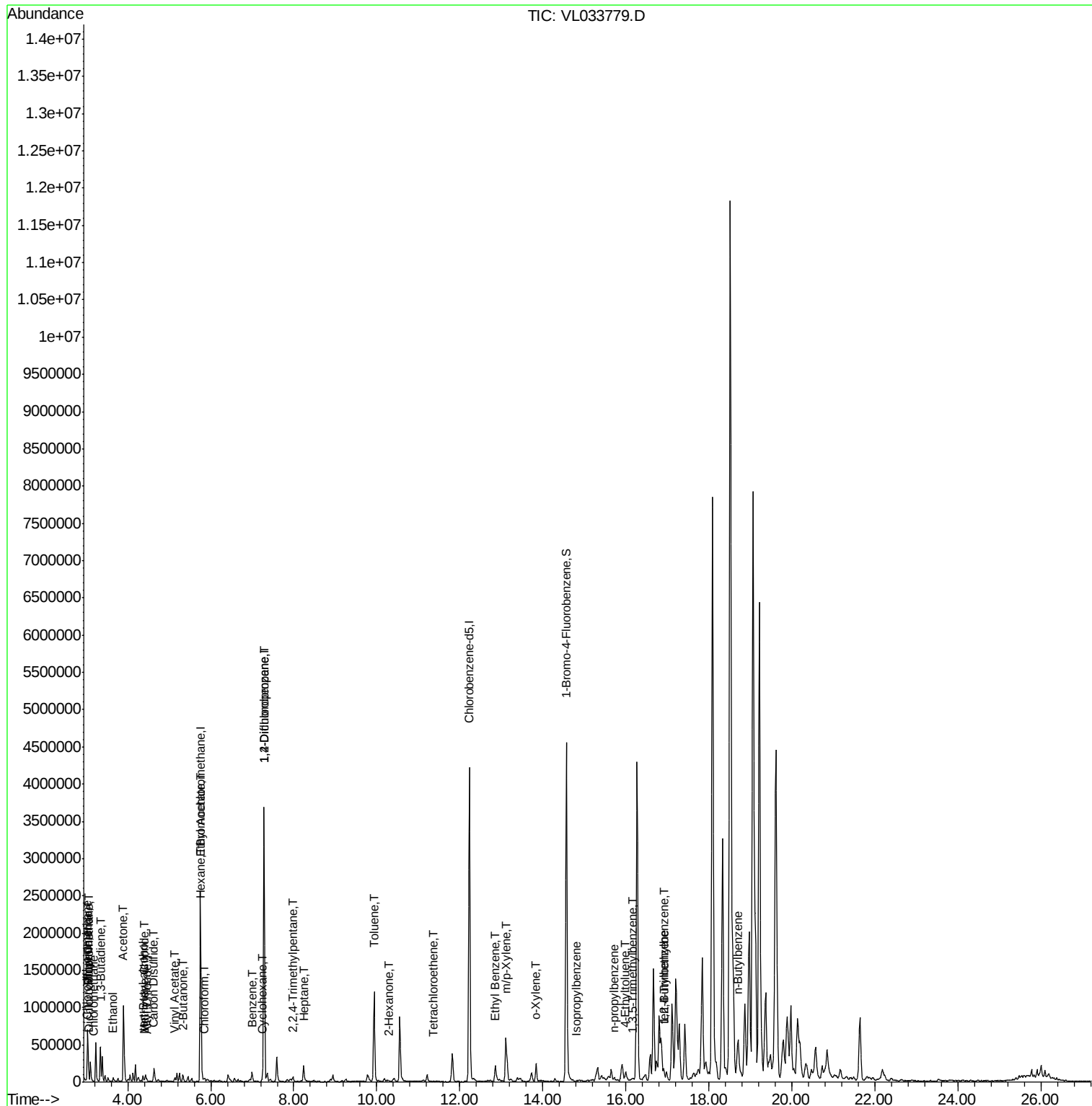
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.07	85	4409	0.019	ppbv	98
3) Chlorodifluoromethane	3.01	51	5801	0.046	ppbv	98
4) Chloromethane	3.17	50	1053	0.015	ppbv #	43
5) Vinyl Chloride	3.05	62	3615	0.049	ppbv #	42
9) Propene	3.03	41	267578	4.992	ppbv	90
10) Heptane	8.24	43	81905	0.540	ppbv	97
13) Ethanol	3.65	45	44483	2.568	ppbv	99
15) Acetone	3.89	43	1043809	6.838	ppbv	91
16) 1,3-Butadiene	3.34	39	141780	2.332	ppbv #	28
17) tert-Butyl alcohol	4.37	59	31045	0.252	ppbv #	94
20) Methylene Chloride	4.40	84	3535	0.060	ppbv #	75
21) Allyl Chloride	4.46	41	3081	0.032	ppbv #	18
23) Vinyl Acetate	5.14	43	19356	0.096	ppbv #	8
25) Ethyl Acetate	5.77	43	83147	0.310	ppbv #	93
26) Hexane	5.77	57	74751	0.648	ppbv #	54
27) Carbon Disulfide	4.62	76	46828	0.296	ppbv #	90
29) Chloroform	5.83	83	13369	0.063	ppbv	90
30) Cyclohexane	7.23	84	2885	0.030	ppbv #	1
34) 2-Butanone	5.33	43	103656	0.595	ppbv	96
36) Benzene	6.99	78	100823	0.394	ppbv	97
39) 1,2-Dichloropropane	7.28	63	670515	7.030	ppbv #	22
44) 2,2,4-Trimethylpentane	7.98	57	17707	0.041	ppbv #	1
51) 2-Hexanone	10.28	43	6408	0.031	ppbv #	57
52) Tetrachloroethene	11.36	164	1682	0.019	ppbv #	53
53) Toluene	9.94	91	974065	3.530	ppbv	100
58) Ethyl Benzene	12.86	91	177339	0.474	ppbv	97
59) m/p-Xylene	13.11	91	519191	1.586	ppbv #	86
60) o-Xylene	13.84	91	181067	0.549	ppbv	98
62) Isopropylbenzene	14.81	105	6734	0.015	ppbv	93
64) n-propylbenzene	15.71	120	2015	0.018	ppbv #	1
65) tert-Butylbenzene	16.91	119	7852	0.019	ppbv #	18
70) n-Butylbenzene	18.71	91	7785	0.015	ppbv #	51
72) 4-Ethyltoluene	15.99	105	38033	0.101	ppbv #	84
73) 1,3,5-Trimethylbenzene	16.15	105	21219	0.058	ppbv	87
74) 1,2,4-Trimethylbenzene	16.91	105	53932	0.135	ppbv #	70

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

Data File : VL033779.D
Acq On : 23 May 2019 18:46
Operator : SY/AP
Sample : K2929-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3003-55DL

Quant Time: May 24 04:26:48 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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3003-55DL

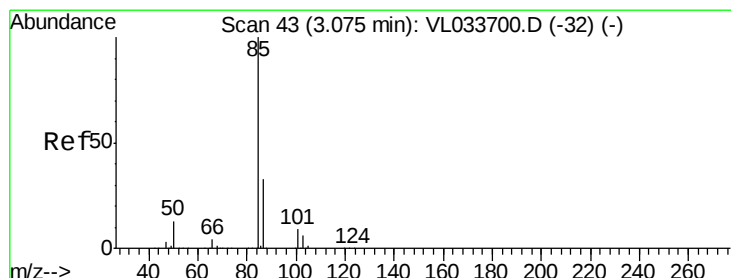
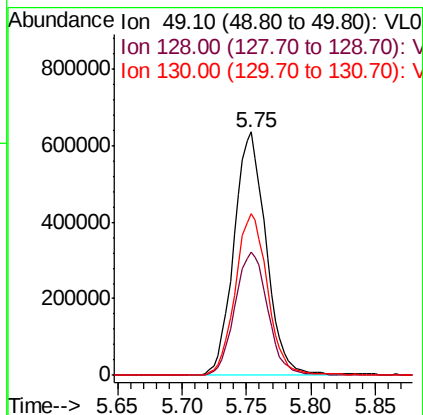
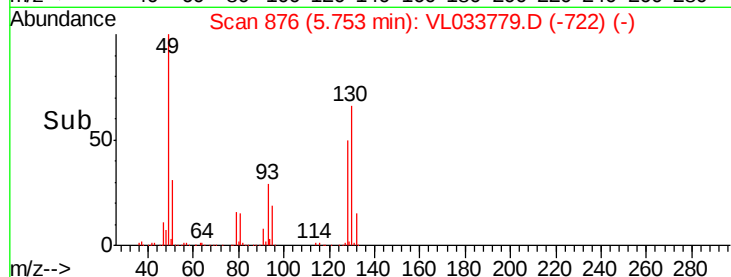
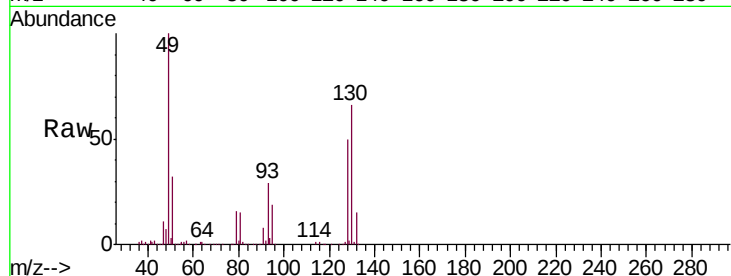
Tgt Ion: 49 Resp: 1100172

Ion Ratio Lower Upper

49 100

128 52.3 25.2 75.6

130 67.2 32.5 97.5



#2

Dichlorodifluoromethane

Concen: 0.019 ppbv

RT: 3.07 min Scan# 42

Delta R.T. -0.00 min

Lab File: VL033779.D

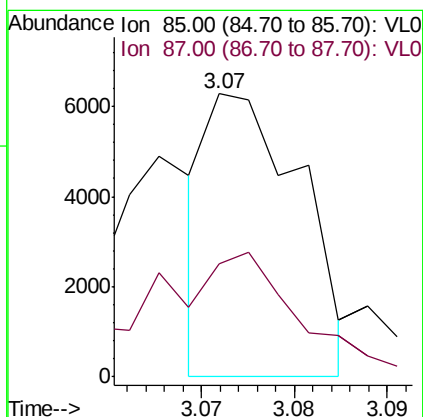
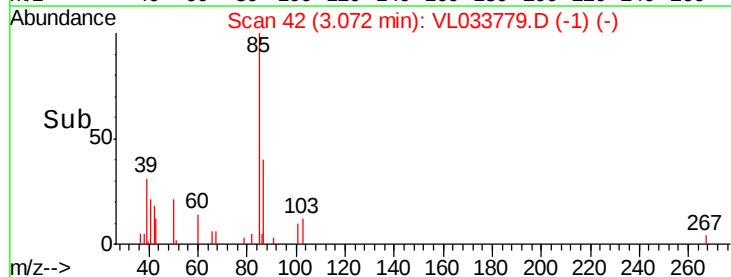
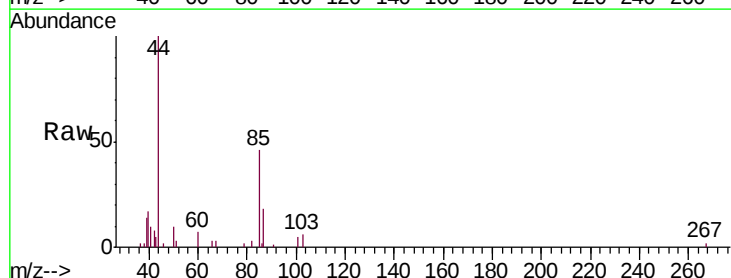
Acq: 23 May 2019 18:46

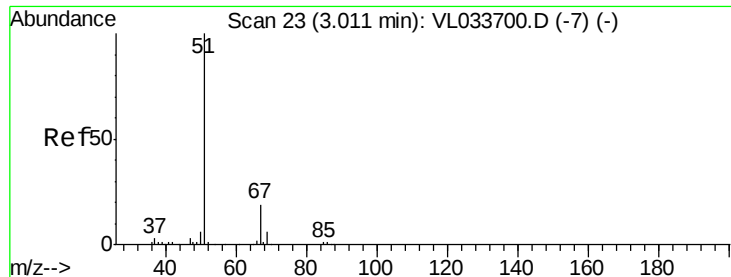
Tgt Ion: 85 Resp: 4409

Ion Ratio Lower Upper

85 100

87 31.8 26.3 39.5





#3

Chlorodifluoromethane

Concen: 0.046 ppbv

RT: 3.01 min Scan# 23

Delta R.T. 0.00 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Instrument :

MSVOA_L

ClientSampleId :

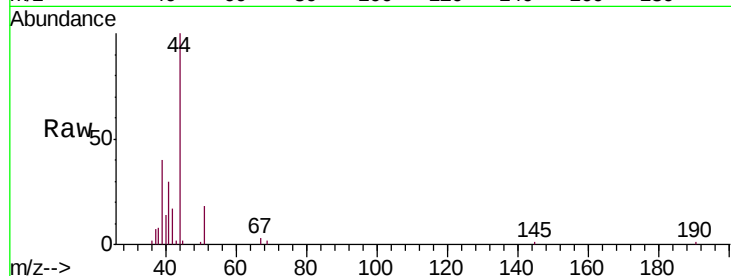
BPS1-SG-3003-55DL

Tgt Ion: 51 Resp: 5801

Ion Ratio Lower Upper

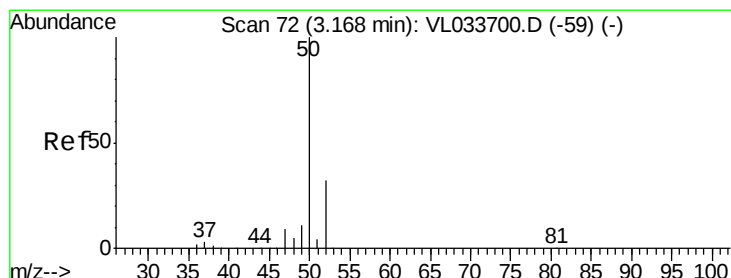
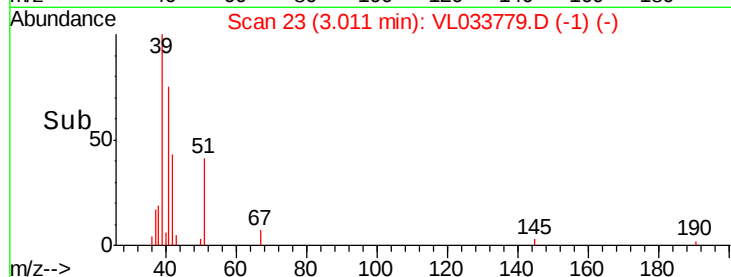
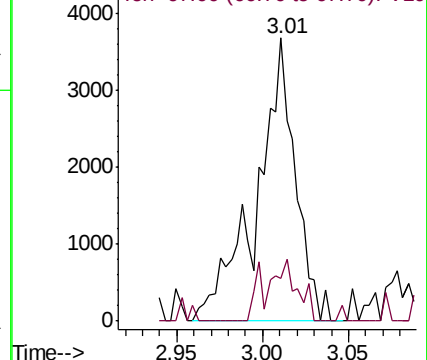
51 100

67 18.5 15.6 23.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.015 ppbv

RT: 3.17 min Scan# 71

Delta R.T. -0.00 min

Lab File: VL033779.D

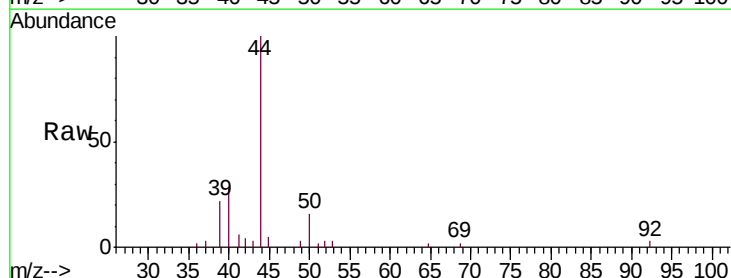
Acq: 23 May 2019 18:46

Tgt Ion: 50 Resp: 1053

Ion Ratio Lower Upper

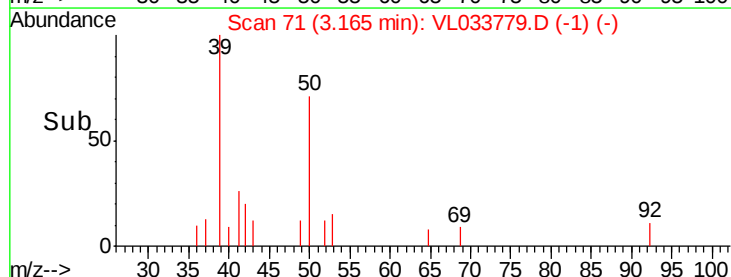
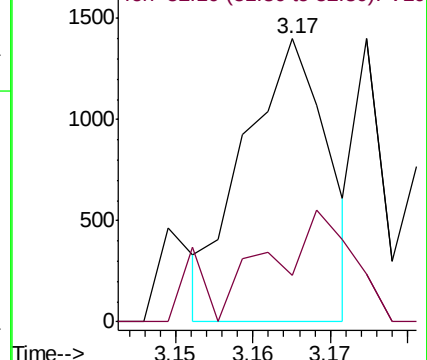
50 100

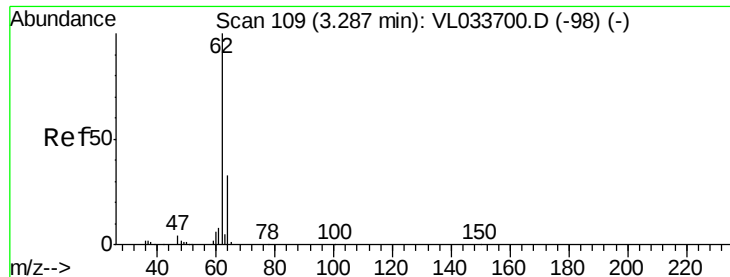
52 0.0 25.7 38.5#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.049 ppbv

RT: 3.05 min Scan# 34

Delta R.T. -0.24 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Instrument :

MSVOA_L

ClientSampleId :

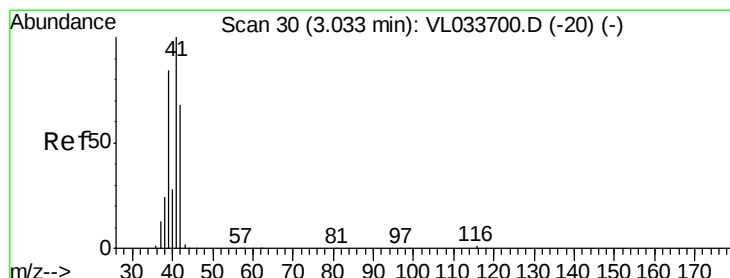
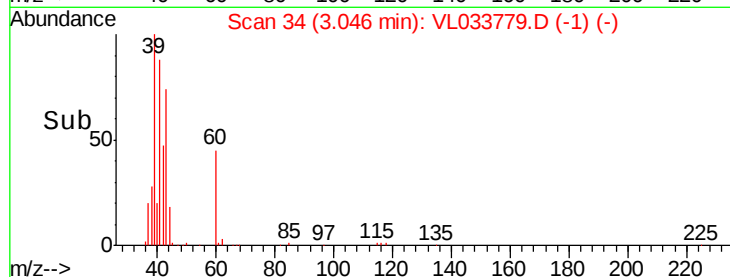
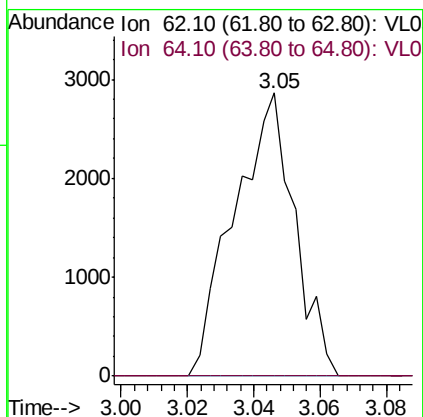
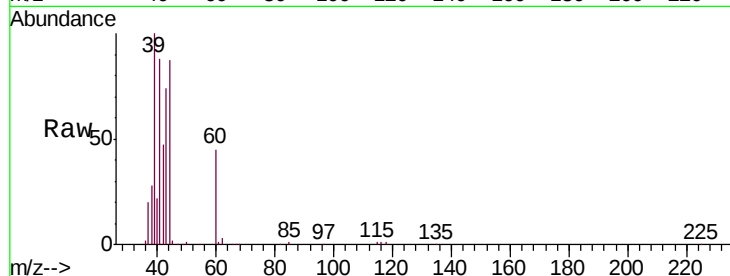
BPS1-SG-3003-55DL

Tgt Ion: 62 Resp: 3615

Ion Ratio Lower Upper

62 100

64 0.0 26.4 39.6#



#9

Propene

Concen: 4.992 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033779.D

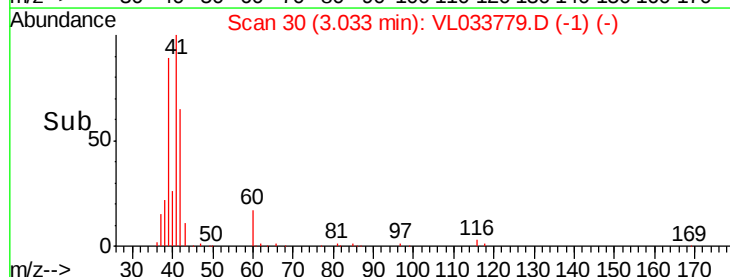
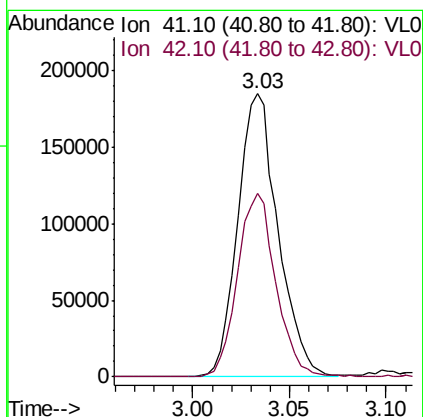
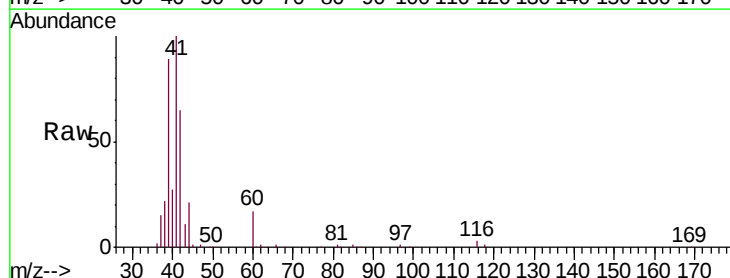
Acq: 23 May 2019 18:46

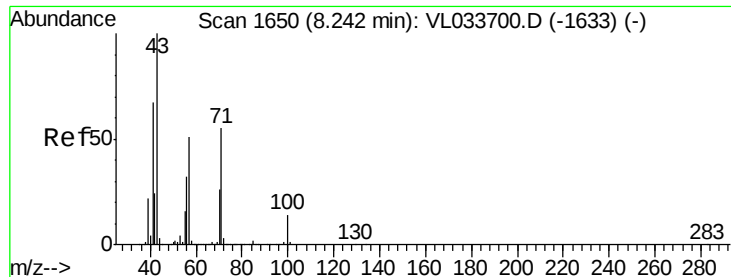
Tgt Ion: 41 Resp: 267578

Ion Ratio Lower Upper

41 100

42 62.0 56.1 84.1

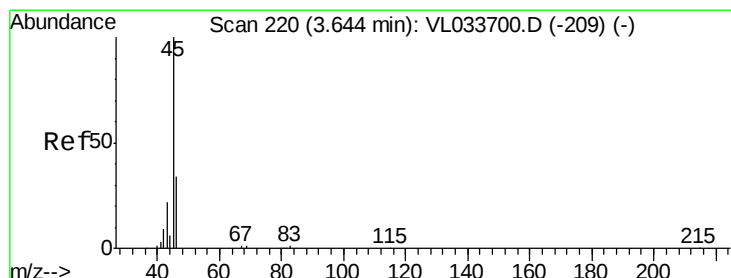
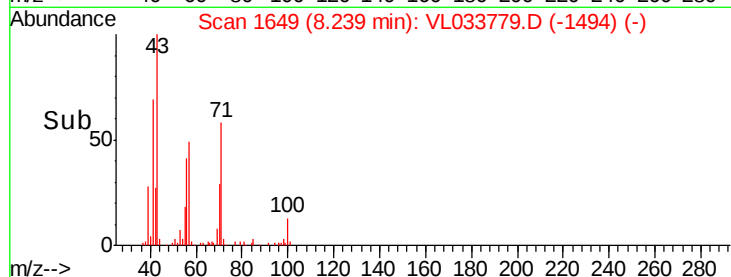
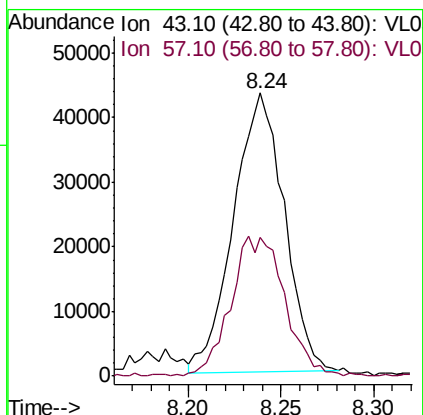
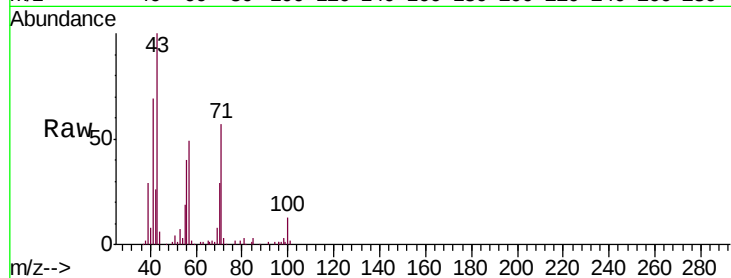




#10
Heptane
Concen: 0.540 ppbv
RT: 8.24 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VL033779.D
Acq: 23 May 2019 18:46

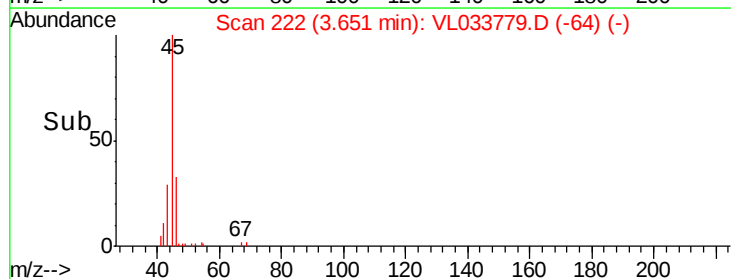
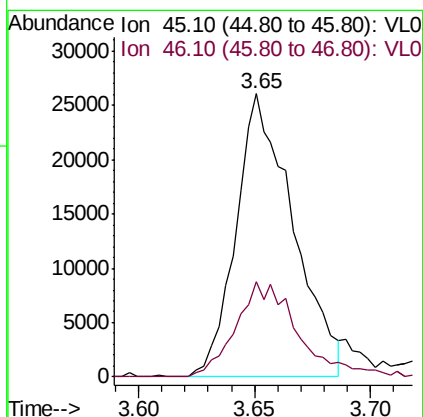
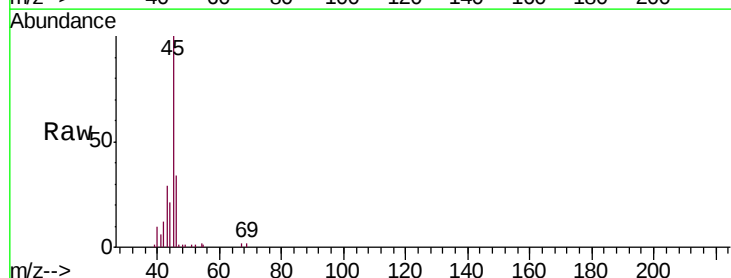
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3003-55DL

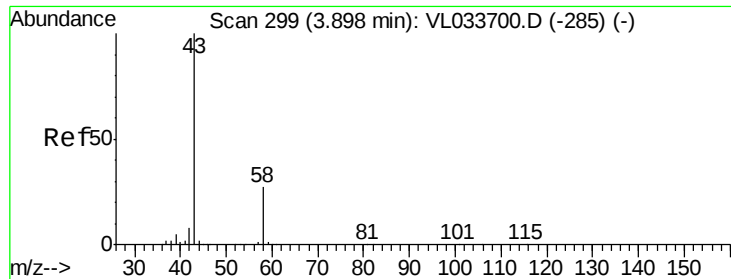
Tgt Ion: 43 Resp: 81905
Ion Ratio Lower Upper
43 100
57 53.7 41.4 62.0



#13
Ethanol
Concen: 2.568 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033779.D
Acq: 23 May 2019 18:46

Tgt Ion: 45 Resp: 44483
Ion Ratio Lower Upper
45 100
46 36.5 14.8 59.0





#15

Acetone

Concen: 6.838 ppbv

RT: 3.89 min Scan# 298

Delta R.T. -0.00 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Instrument :

MSVOA_L

ClientSampleId :

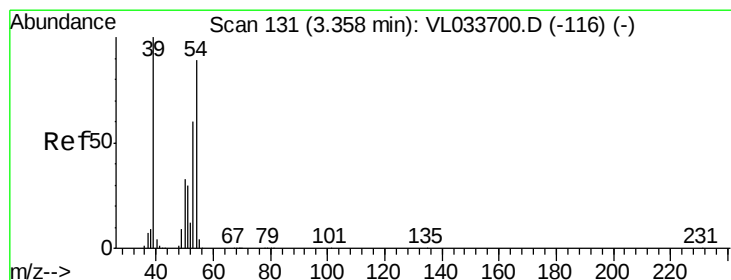
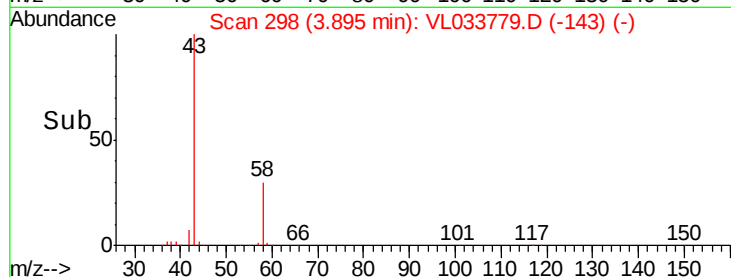
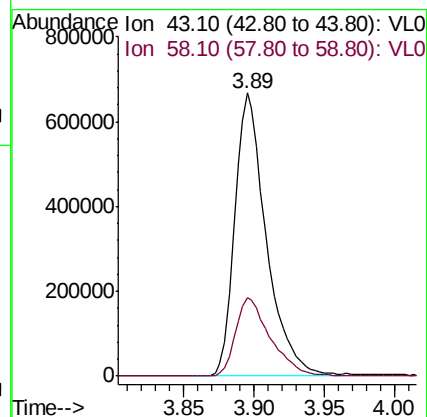
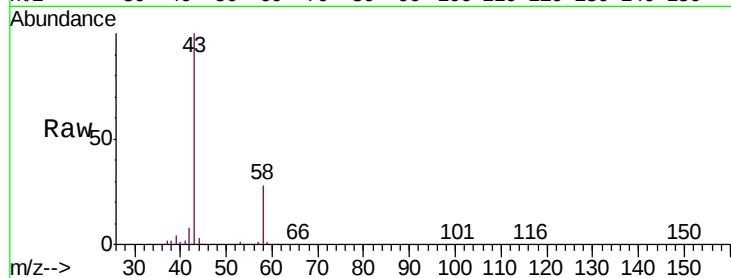
BPS1-SG-3003-55DL

Tgt Ion: 43 Resp: 1043809

Ion Ratio Lower Upper

43 100

58 31.1 21.3 31.9



#16

1,3-Butadiene

Concen: 2.332 ppbv

RT: 3.34 min Scan# 126

Delta R.T. -0.02 min

Lab File: VL033779.D

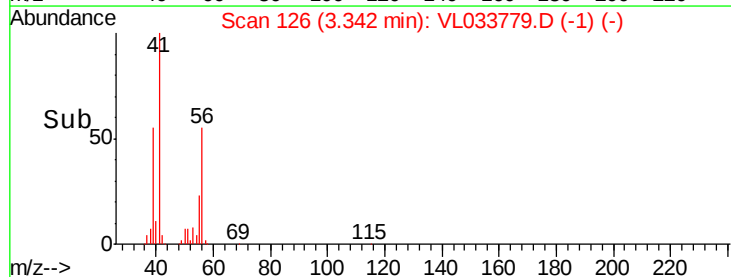
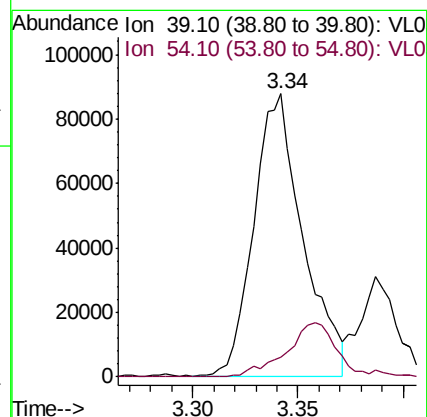
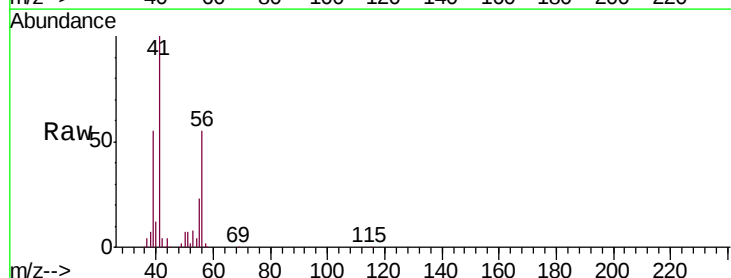
Acq: 23 May 2019 18:46

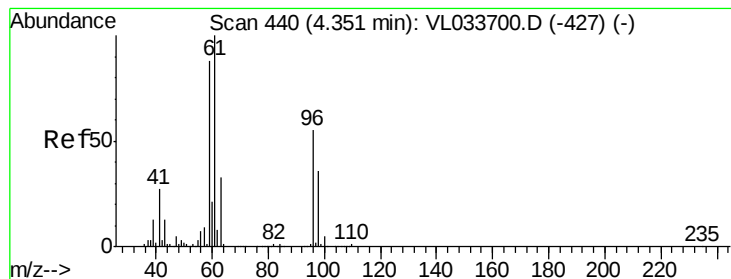
Tgt Ion: 39 Resp: 141780

Ion Ratio Lower Upper

39 100

54 20.3 69.0 103.6#





#17

tert-Butyl alcohol

Concen: 0.252 ppbv

RT: 4.37 min Scan# 446

Delta R.T. 0.02 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Instrument :

MSVOA_L

ClientSampleId :

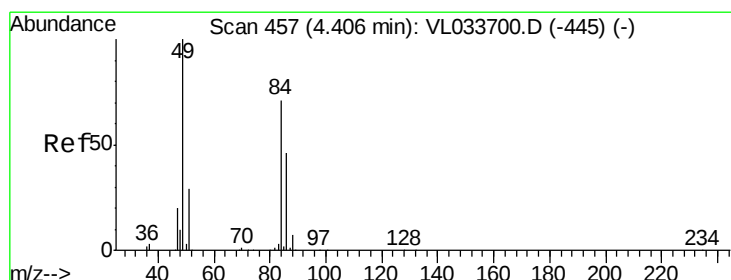
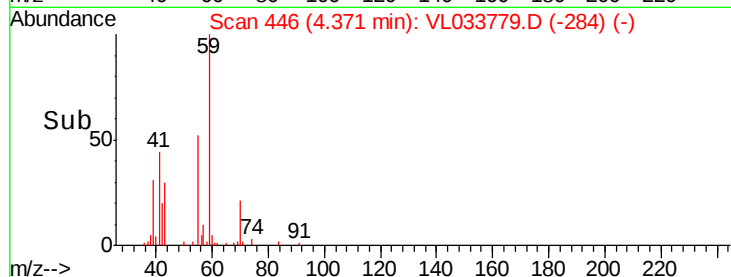
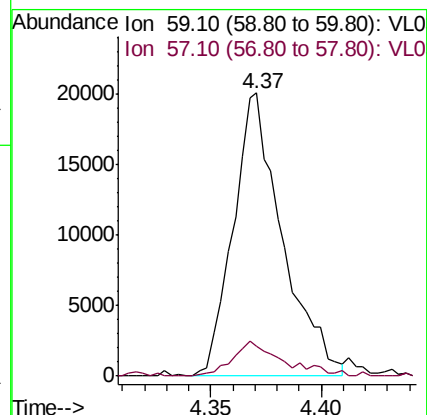
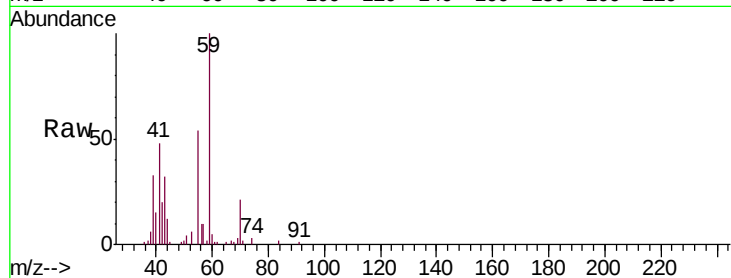
BPS1-SG-3003-55DL

Tgt Ion: 59 Resp: 31045

Ion Ratio Lower Upper

59 100

57 12.9 8.4 12.6#



#20

Methylene Chloride

Concen: 0.060 ppbv

RT: 4.40 min Scan# 454

Delta R.T. -0.01 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Tgt Ion: 84 Resp: 3535

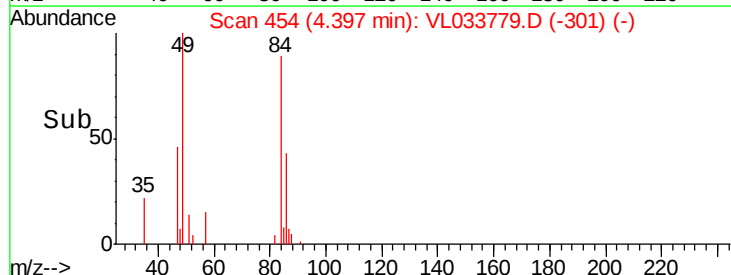
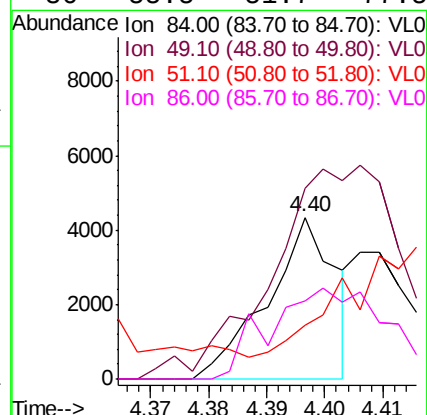
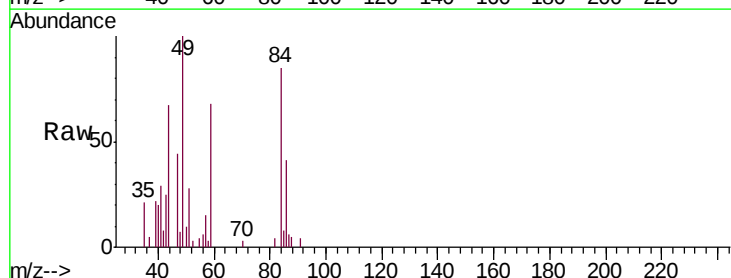
Ion Ratio Lower Upper

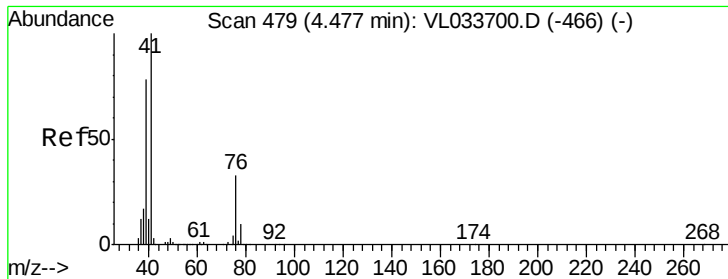
84 100

49 113.4 112.8 169.2

51 7.9 33.4 50.0#

86 55.5 51.7 77.5





#21

Allyl Chloride

Concen: 0.032 ppbv

RT: 4.46 min Scan# 474

Delta R.T. -0.02 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

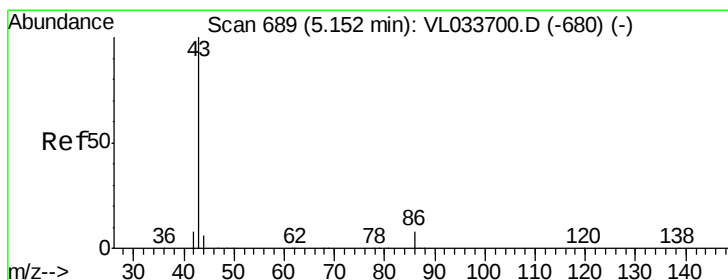
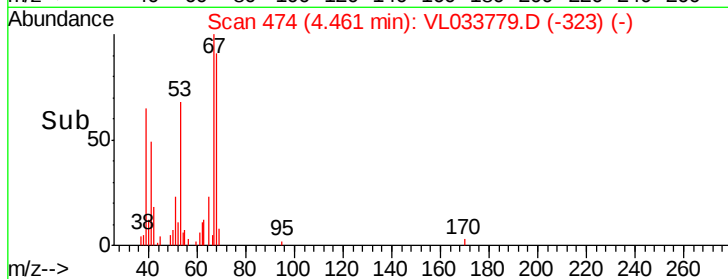
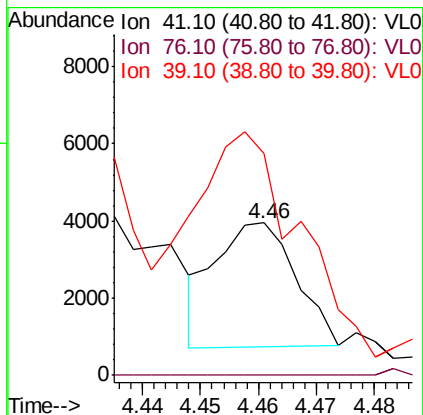
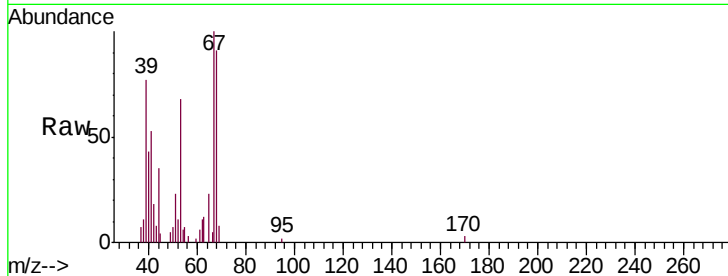
Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3003-55DL

Tgt Ion:	41	Resp:	3081
Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	0.0	64.6	97.0#



#23

Vinyl Acetate

Concen: 0.096 ppbv

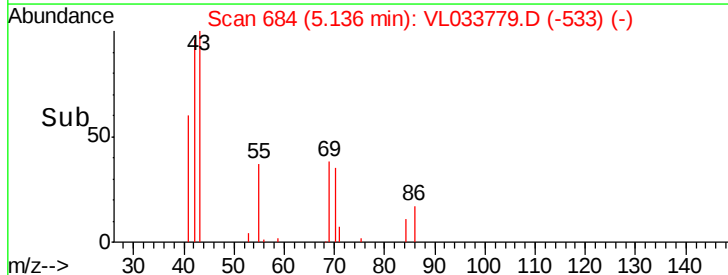
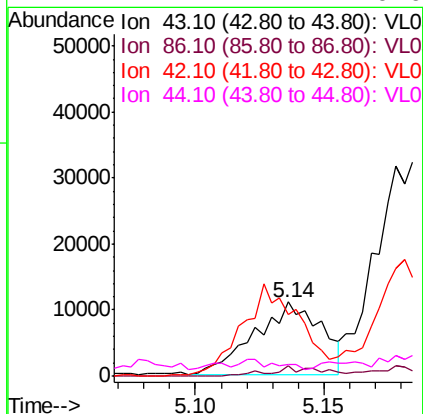
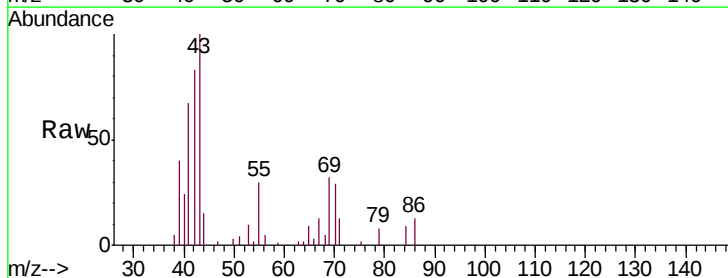
RT: 5.14 min Scan# 684

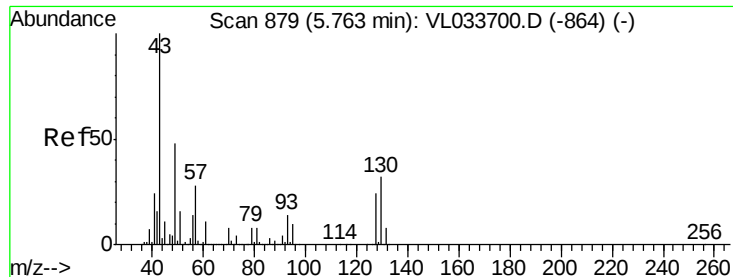
Delta R.T. -0.02 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Tgt Ion:	43	Resp:	19356
Ion	Ratio	Lower	Upper
43	100		
86	13.8	6.0	9.0#
42	82.7	7.5	11.3#
44	7.4	4.4	6.6#

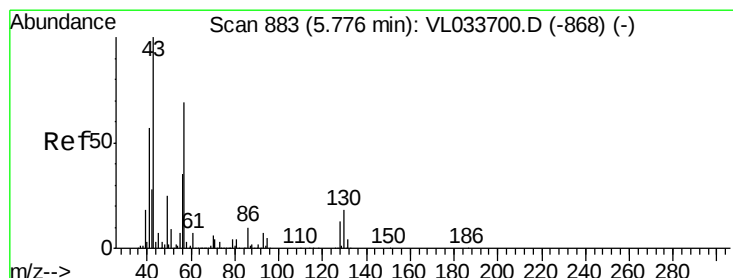
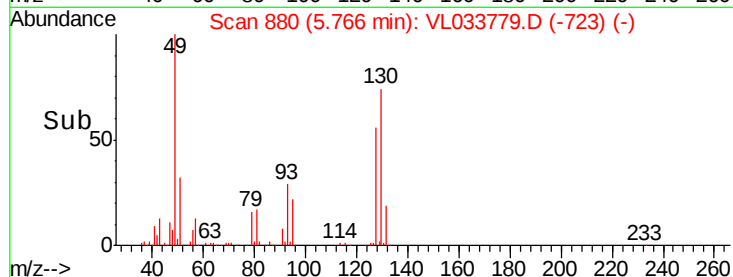
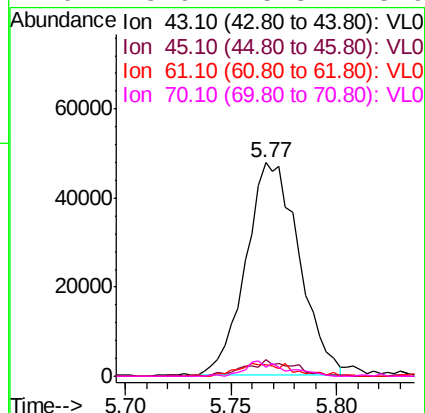
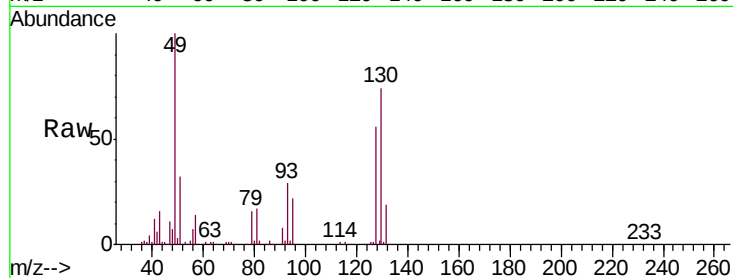




#25
Ethyl Acetate
Concen: 0.310 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.00 min
Lab File: VL033779.D
Acq: 23 May 2019 18:46

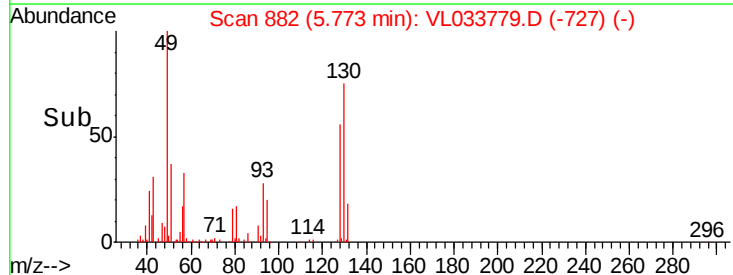
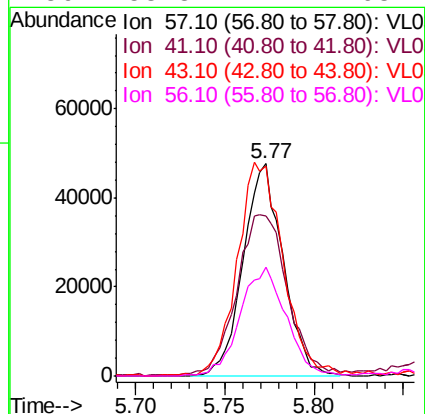
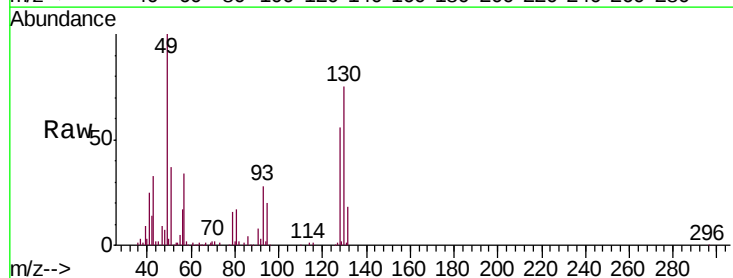
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3003-55DL

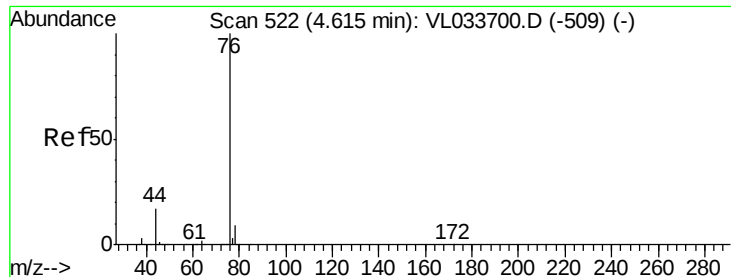
Tgt Ion:	43	Resp:	83147
Ion	Ratio	Lower	Upper
43	100		
45	7.3	7.9	11.9#
61	6.3	7.7	11.5#
70	5.6	5.8	8.6#



#26
Hexane
Concen: 0.648 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033779.D
Acq: 23 May 2019 18:46

Tgt Ion:	57	Resp:	74751
Ion	Ratio	Lower	Upper
57	100		
41	97.4	69.8	104.6
43	116.7	181.8	272.6#
56	58.8	42.1	63.1





#27

Carbon Disulfide

Concen: 0.296 ppbv

RT: 4.62 min Scan# 522

Delta R.T. 0.00 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3003-55DL

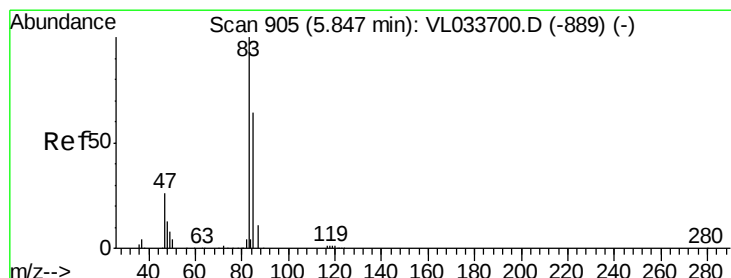
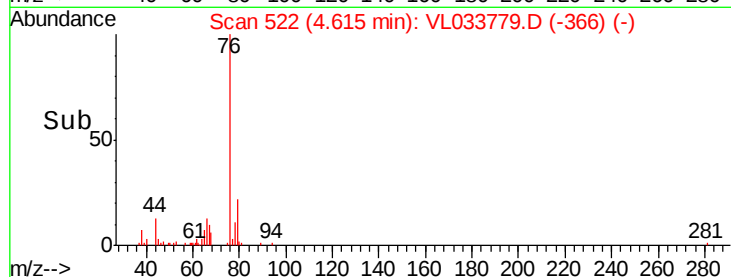
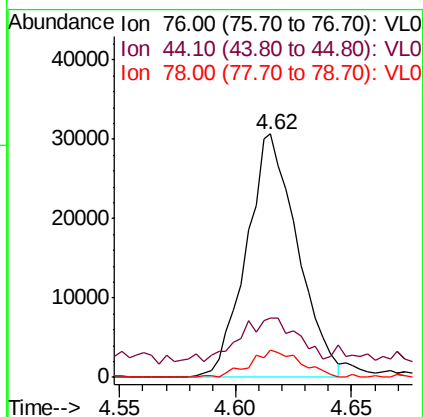
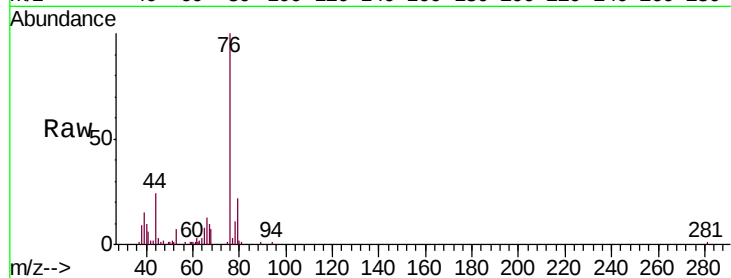
Tgt Ion: 76 Resp: 46828

Ion Ratio Lower Upper

76 100

44 22.4 13.8 20.8#

78 11.6 7.4 11.0#



#29

Chloroform

Concen: 0.063 ppbv

RT: 5.83 min Scan# 901

Delta R.T. -0.01 min

Lab File: VL033779.D

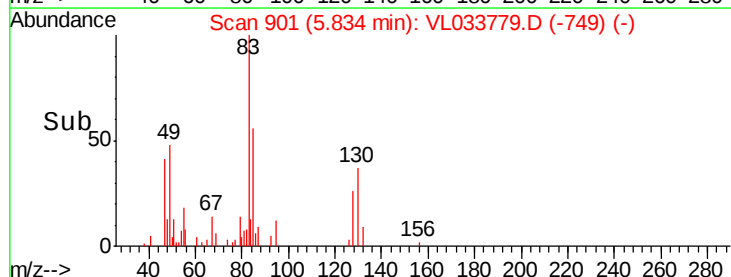
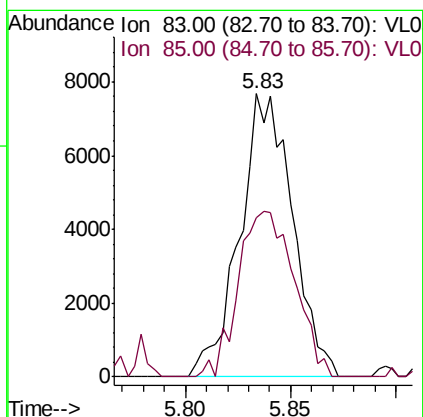
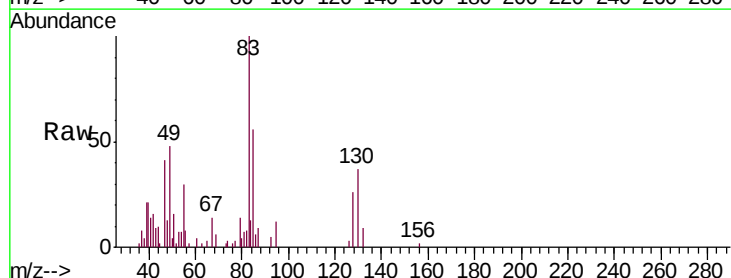
Acq: 23 May 2019 18:46

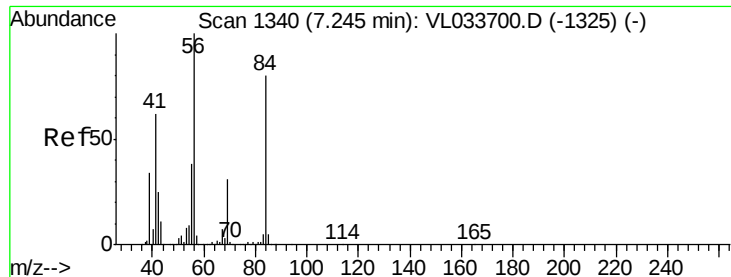
Tgt Ion: 83 Resp: 13369

Ion Ratio Lower Upper

83 100

85 56.3 51.5 77.3

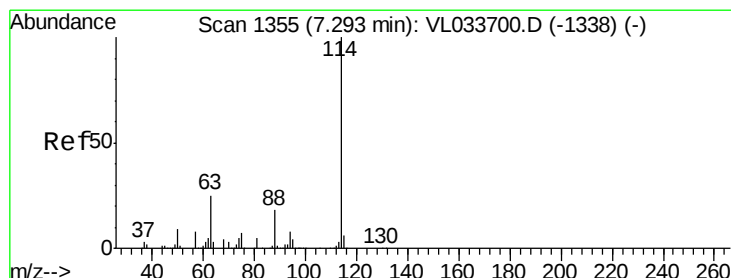
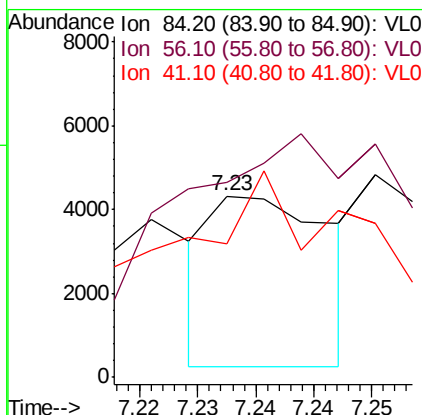
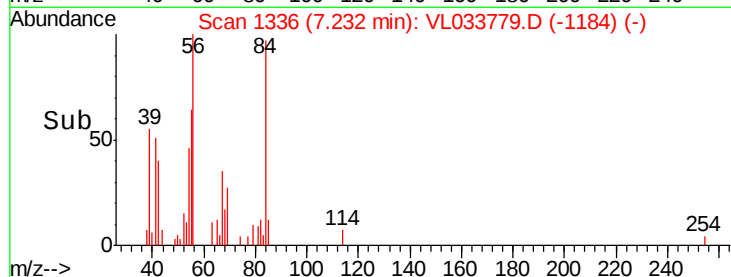
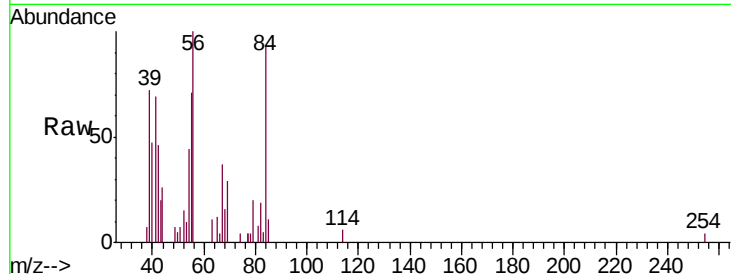




#30
Cyclohexane
Concen: 0.030 ppbv
RT: 7.23 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VL033779.D
Acq: 23 May 2019 18:46

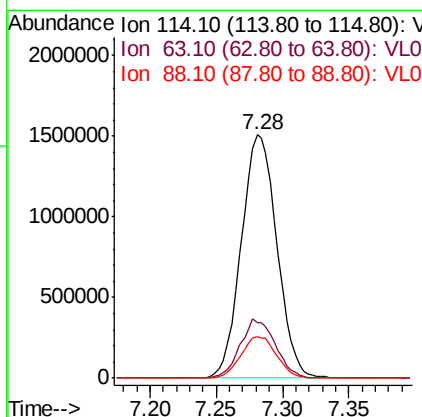
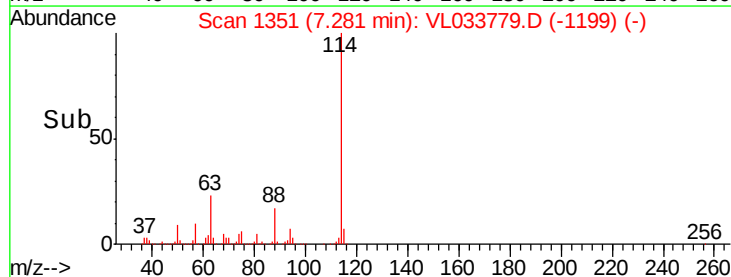
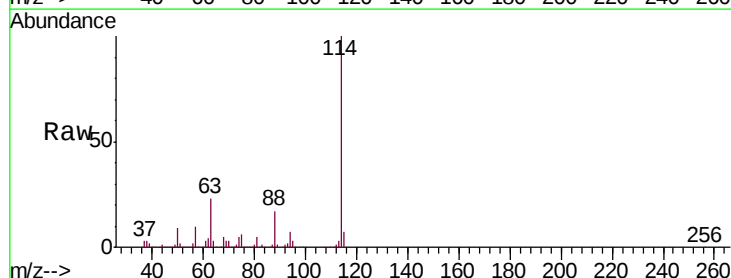
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3003-55DL

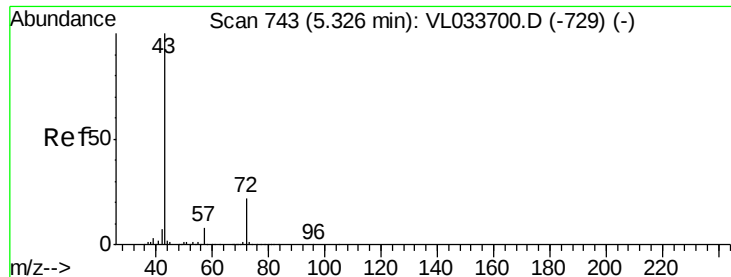
Tgt Ion: 84 Resp: 2885
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 373.5 66.0 99.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1351
Delta R.T. -0.01 min
Lab File: VL033779.D
Acq: 23 May 2019 18:46

Tgt Ion: 114 Resp: 2812514
Ion Ratio Lower Upper
114 100
63 24.0 20.9 31.3
88 17.3 14.3 21.5

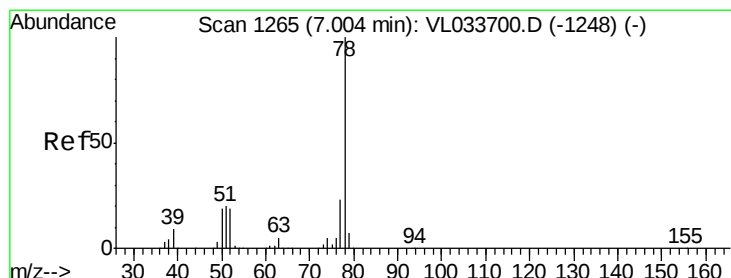
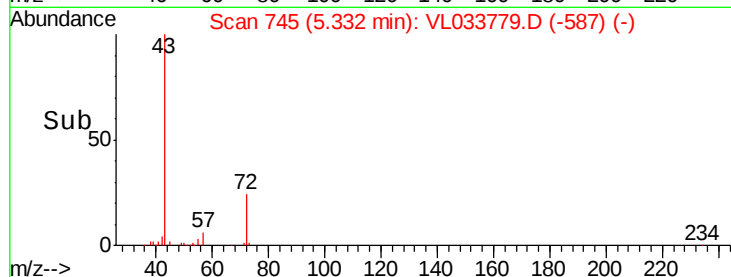
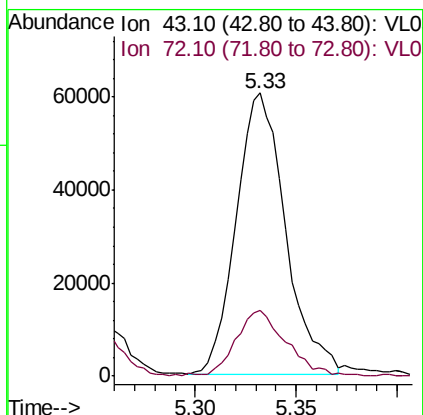
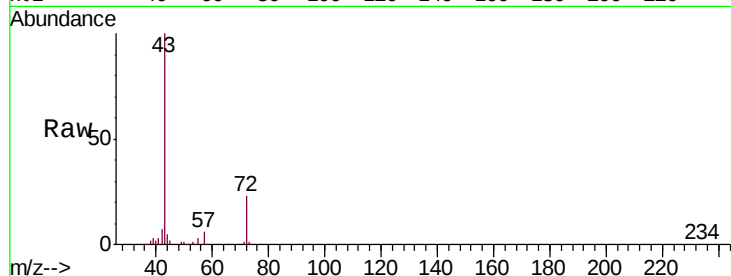




#34
 2-Butanone
 Concen: 0.595 ppbv
 RT: 5.33 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: VL033779.D
 Acq: 23 May 2019 18:46

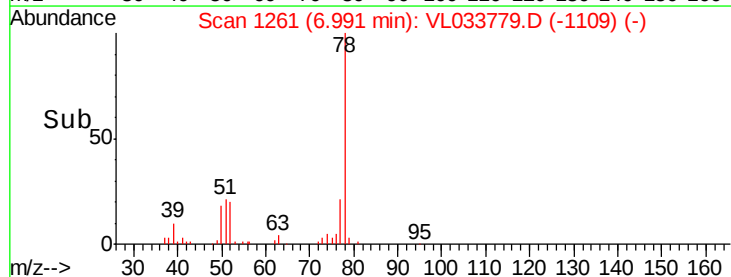
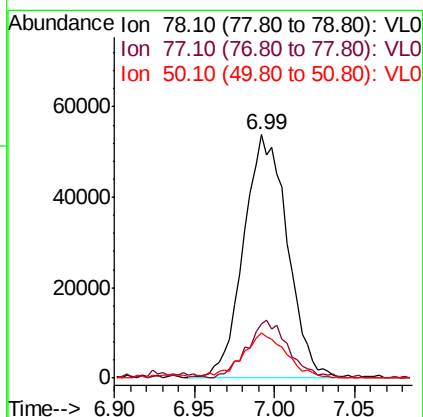
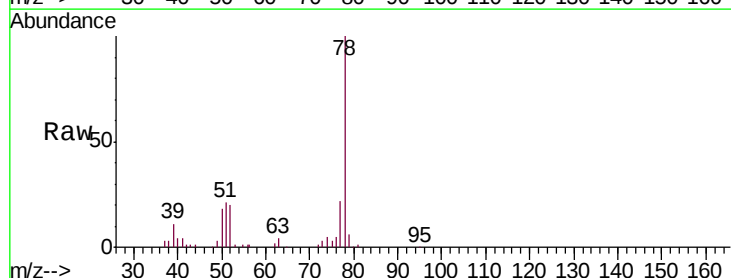
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3003-55DL

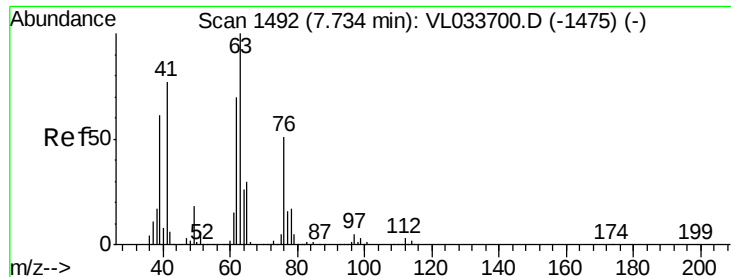
Tgt Ion: 43 Resp: 103656
 Ion Ratio Lower Upper
 43 100
 72 23.9 17.8 26.6



#36
 Benzene
 Concen: 0.394 ppbv
 RT: 6.99 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VL033779.D
 Acq: 23 May 2019 18:46

Tgt Ion: 78 Resp: 100823
 Ion Ratio Lower Upper
 78 100
 77 22.1 18.4 27.6
 50 17.7 15.5 23.3





#39

1,2-Dichloropropane

Concen: 7.030 ppbv

RT: 7.28 min Scan# 1350

Delta R.T. -0.46 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3003-55DL

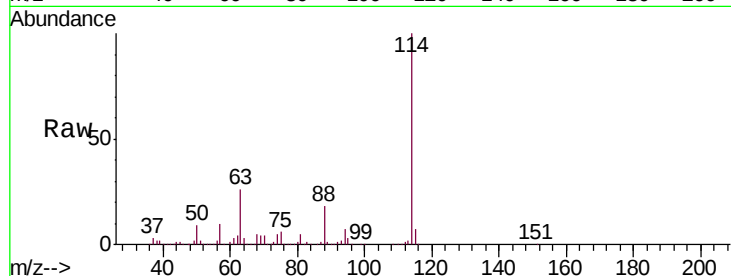
Tgt Ion: 63 Resp: 670515

Ion Ratio Lower Upper

63 100

41 0.0 61.5 92.3#

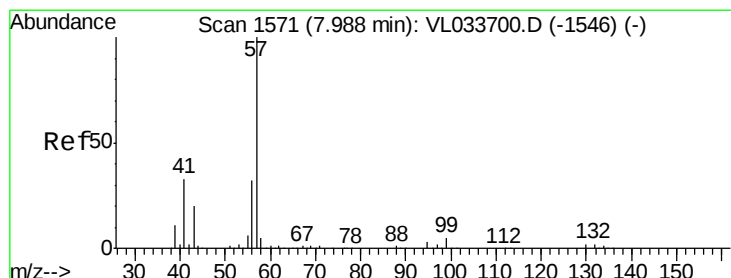
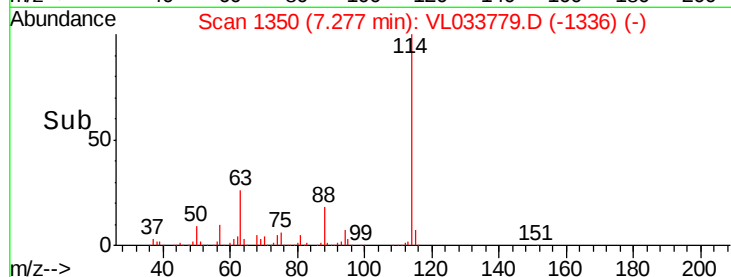
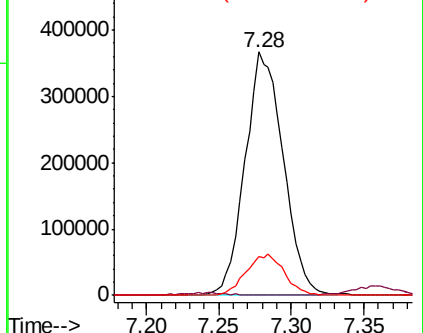
62 16.0 56.2 84.4#



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: 0.041 ppbv

RT: 7.98 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

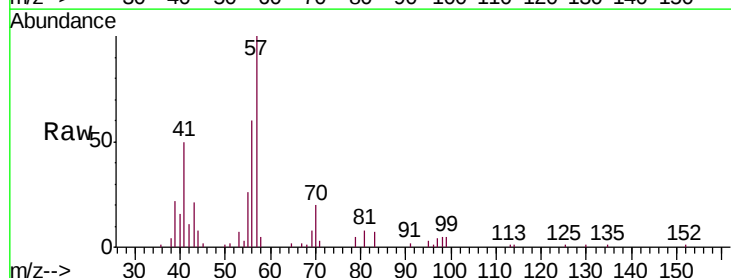
Tgt Ion: 57 Resp: 17707

Ion Ratio Lower Upper

57 100

41 0.0 25.4 38.0#

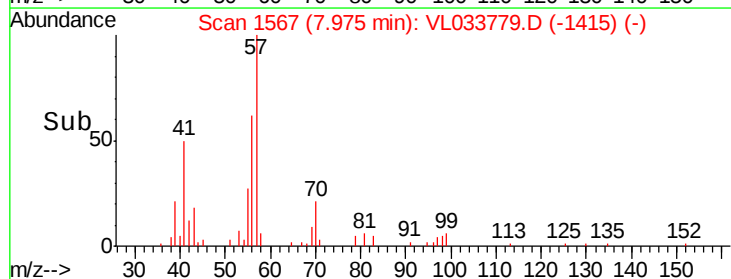
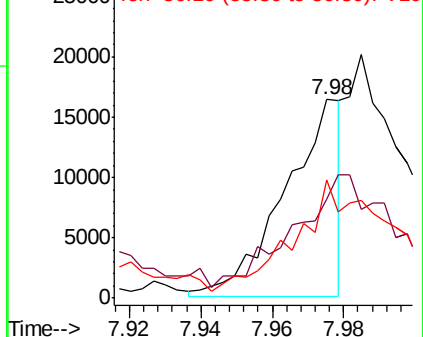
56 111.4 24.7 37.1#

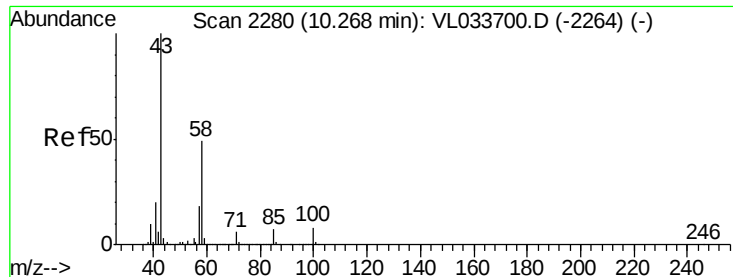


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

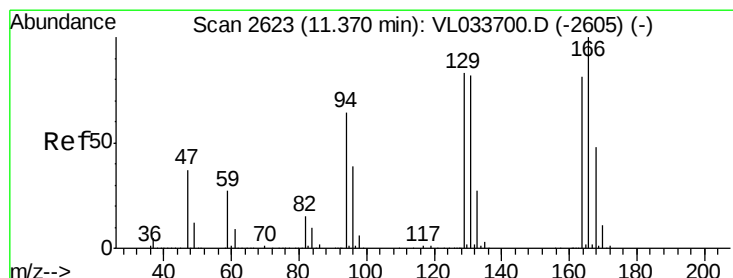
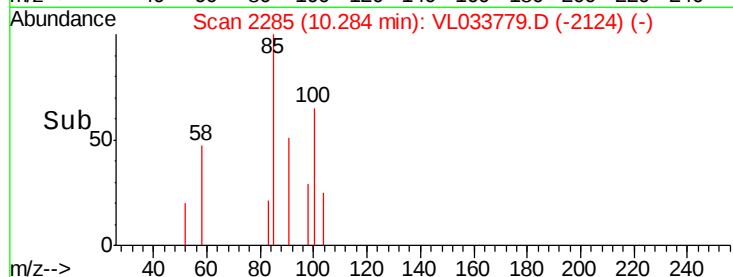
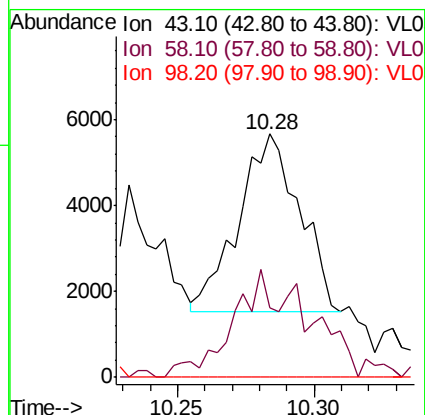
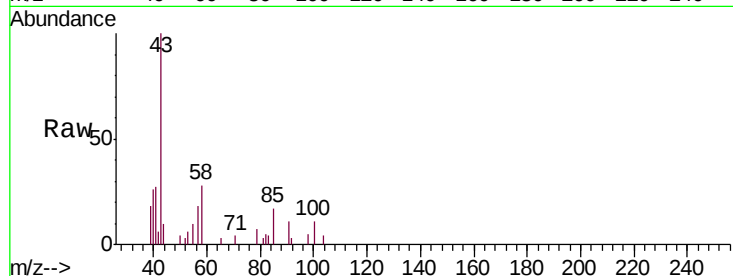




#51
2-Hexanone
Concen: 0.031 ppbv
RT: 10.28 min Scan# 2285
Delta R.T. 0.02 min
Lab File: VL033779.D
Acq: 23 May 2019 18:46

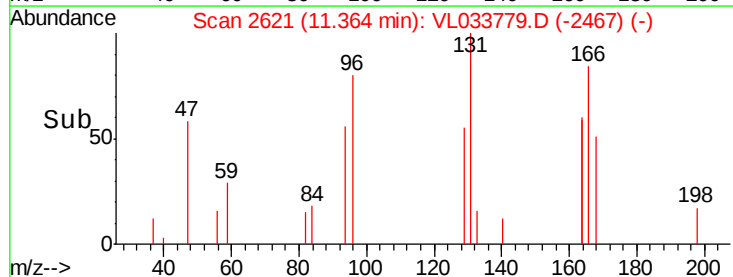
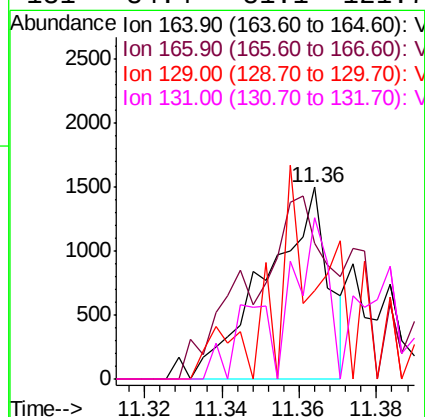
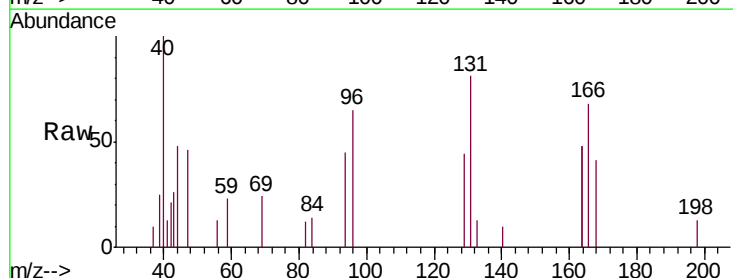
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3003-55DL

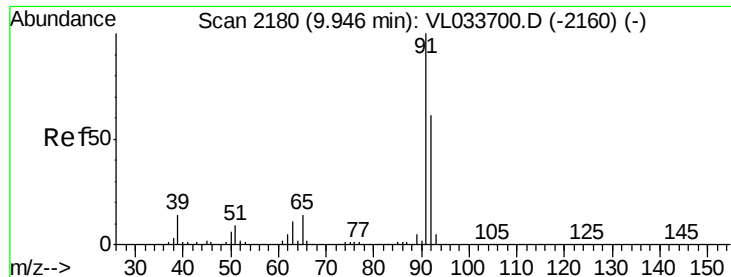
Tgt Ion: 43 Resp: 6408
Ion Ratio Lower Upper
43 100
58 77.9 38.7 58.1#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.019 ppbv
RT: 11.36 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL033779.D
Acq: 23 May 2019 18:46

Tgt Ion: 164 Resp: 1682
Ion Ratio Lower Upper
164 100
166 50.0 98.9 148.3#
129 46.2 81.8 122.6#
131 84.4 81.1 121.7





#53

Toluene

Concen: 3.530 ppbv

RT: 9.94 min Scan# 2177

Delta R.T. -0.01 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Instrument :

MSVOA_L

ClientSampleId :

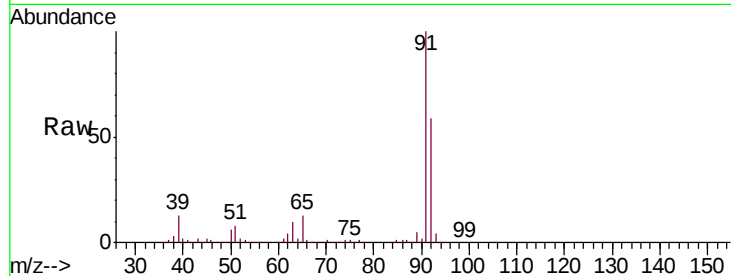
BPS1-SG-3003-55DL

Tgt Ion: 91 Resp: 974065

Ion Ratio Lower Upper

91 100

92 59.2 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

500000

400000

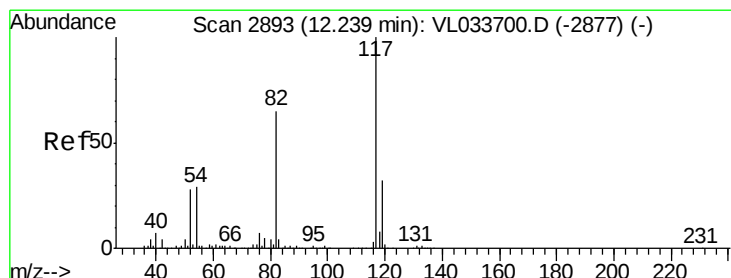
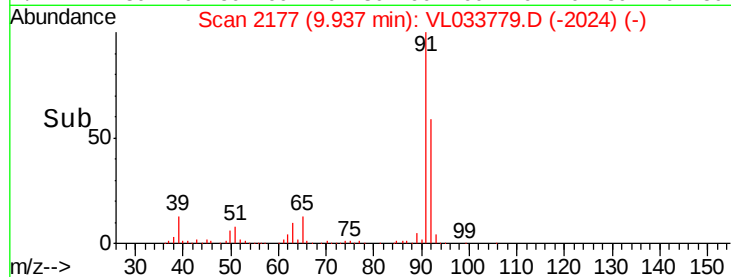
300000

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: VL033779.D

Acq: 23 May 2019 18:46

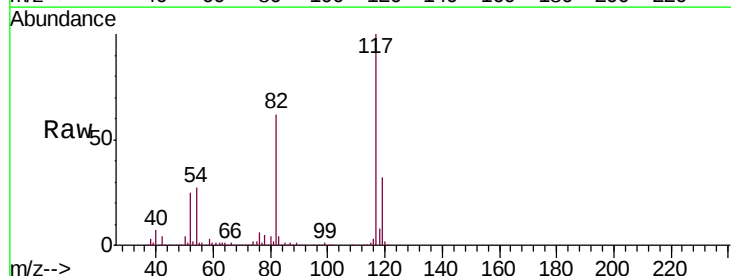
Tgt Ion: 117 Resp: 2827143

Ion Ratio Lower Upper

117 100

82 63.2 49.4 74.0

119 32.8 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

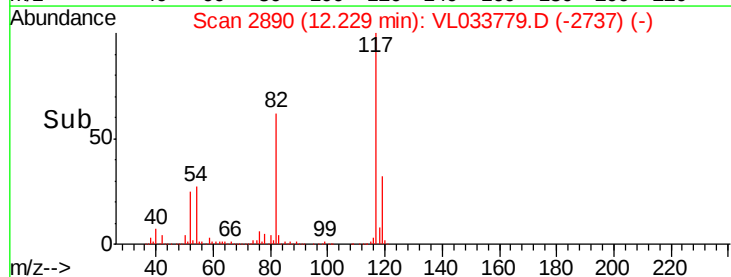
1500000

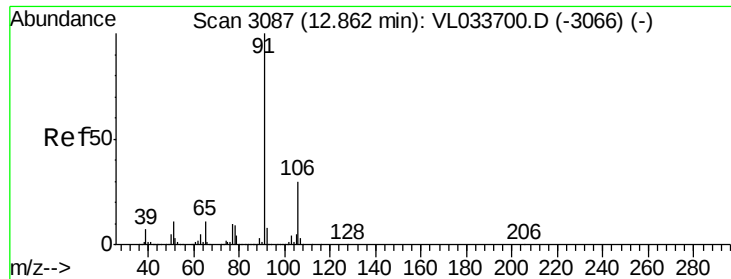
1000000

500000

0

Time-->





#58

Ethyl Benzene

Concen: 0.474 ppbv

RT: 12.86 min Scan# 3085

Delta R.T. -0.01 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Instrument :

MSVOA_L

ClientSampleId :

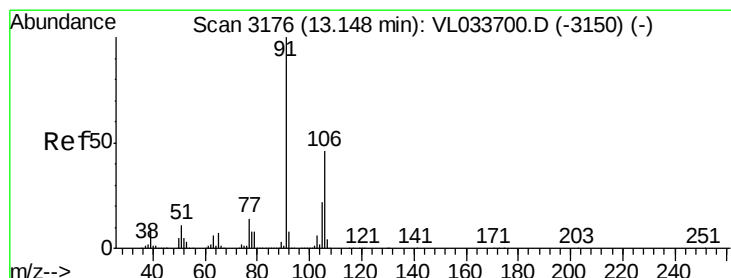
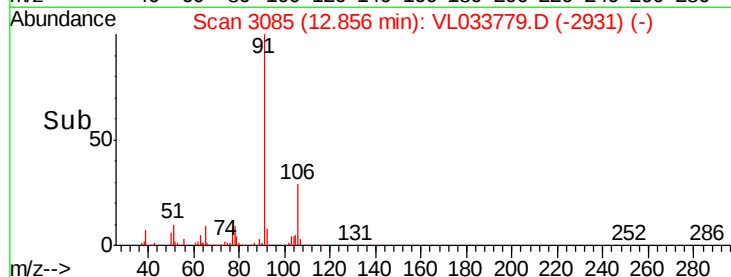
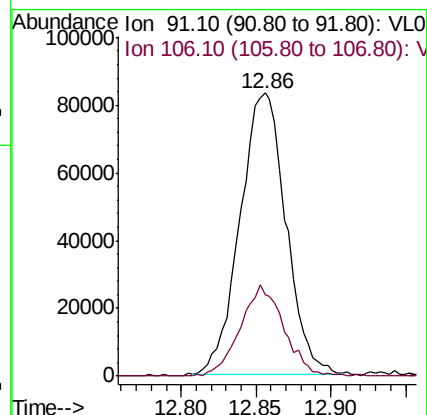
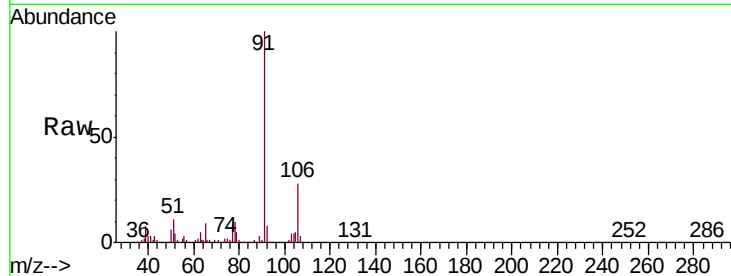
BPS1-SG-3003-55DL

Tgt Ion: 91 Resp: 177339

Ion Ratio Lower Upper

91 100

106 28.4 23.9 35.9



#59

m/p-Xylene

Concen: 1.586 ppbv

RT: 13.11 min Scan# 3165

Delta R.T. -0.04 min

Lab File: VL033779.D

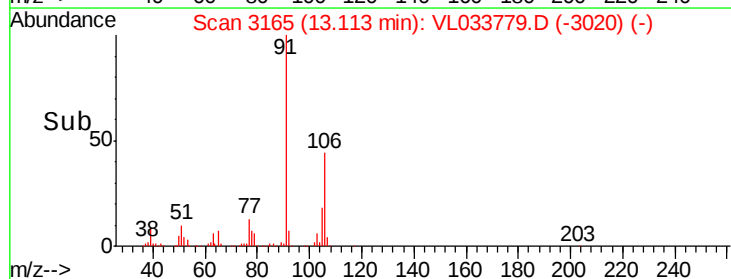
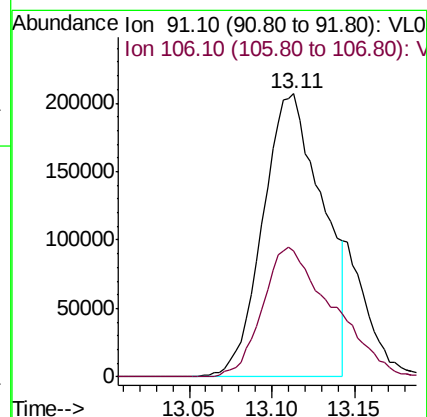
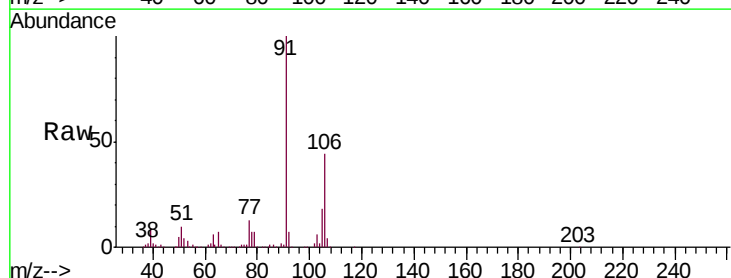
Acq: 23 May 2019 18:46

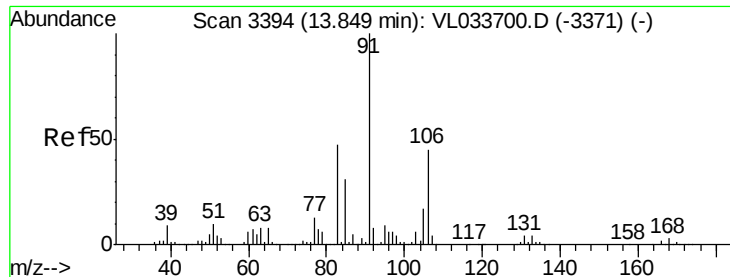
Tgt Ion: 91 Resp: 519191

Ion Ratio Lower Upper

91 100

106 53.9 35.8 53.6#

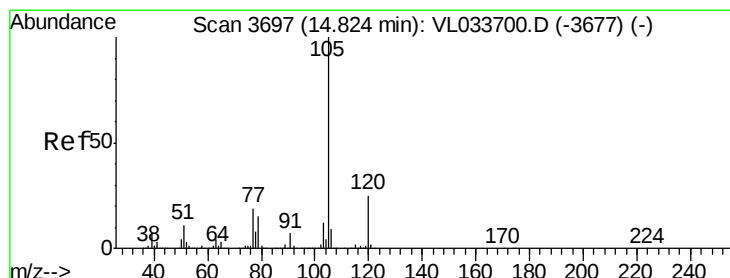
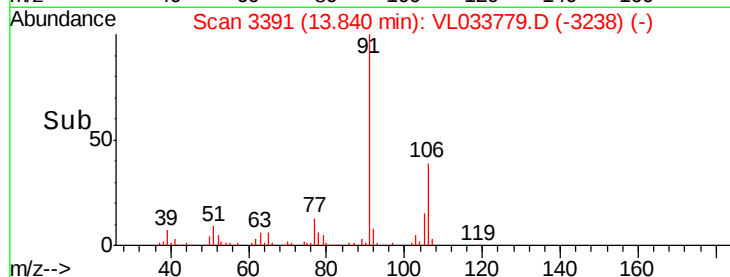
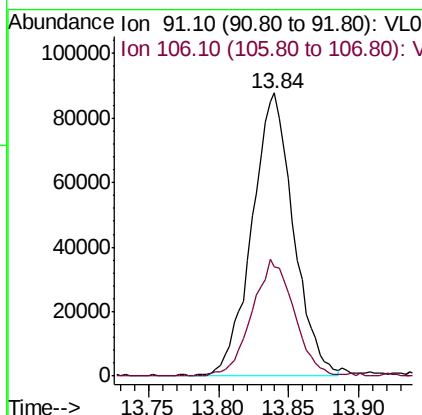
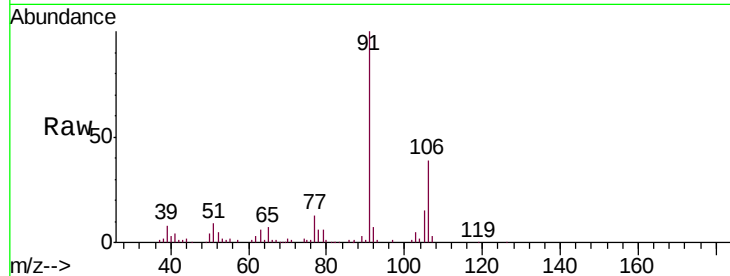




#60
o-Xylene
Concen: 0.549 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033779.D
Acq: 23 May 2019 18:46

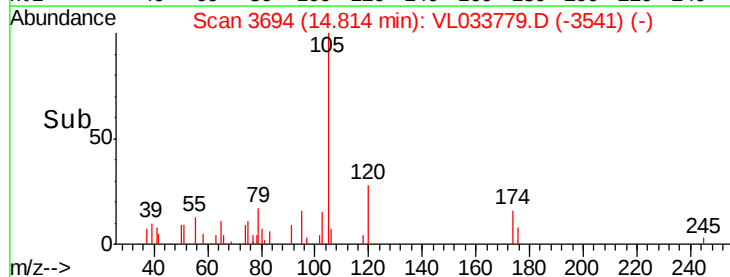
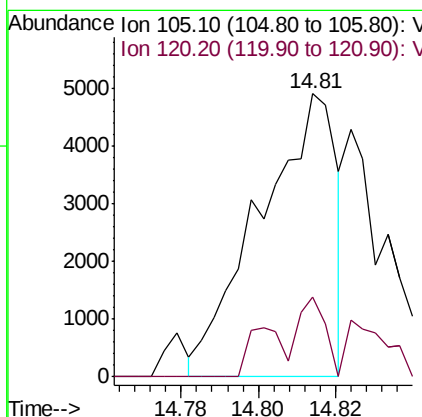
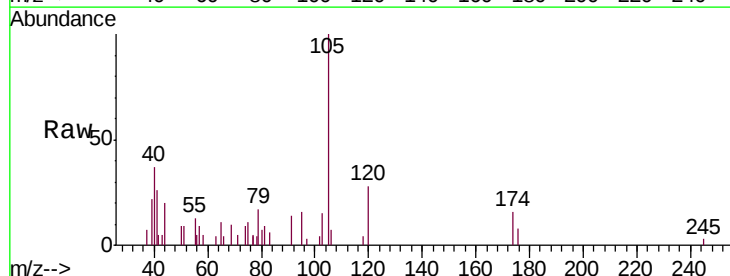
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3003-55DL

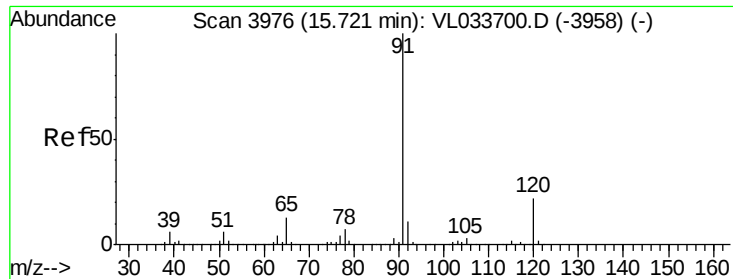
Tgt Ion: 91 Resp: 181067
Ion Ratio Lower Upper
91 100
106 41.8 21.6 64.8



#62
Isopropylbenzene
Concen: 0.015 ppbv
RT: 14.81 min Scan# 3694
Delta R.T. -0.01 min
Lab File: VL033779.D
Acq: 23 May 2019 18:46

Tgt Ion: 105 Resp: 6734
Ion Ratio Lower Upper
105 100
120 28.7 20.1 30.1





#64

n-propylbenzene

Concen: 0.018 ppbv

RT: 15.71 min Scan# 3972

Delta R.T. -0.01 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Instrument :

MSVOA_L

ClientSampleId :

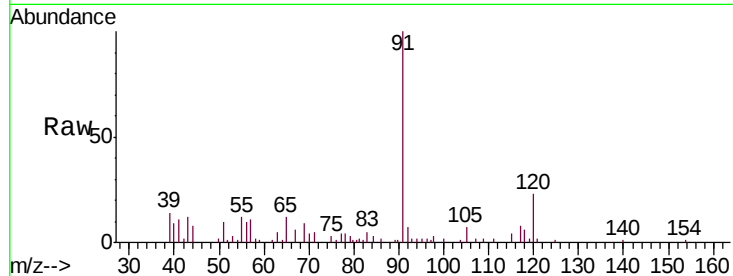
BPS1-SG-3003-55DL

Tgt Ion:120 Resp: 2015

Ion Ratio Lower Upper

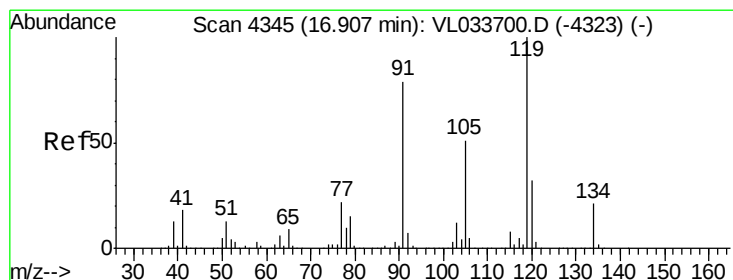
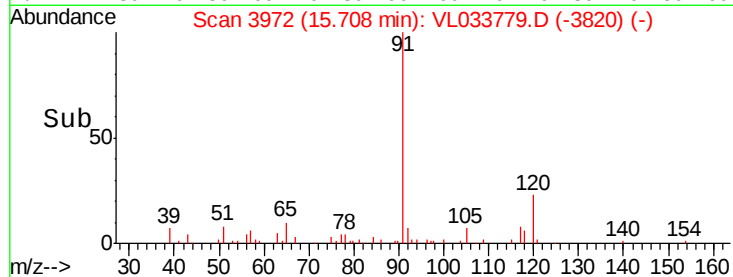
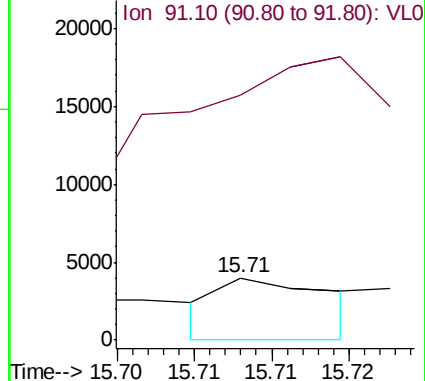
120 100

91 0.0 379.1 568.7#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.019 ppbv

RT: 16.91 min Scan# 4346

Delta R.T. 0.00 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

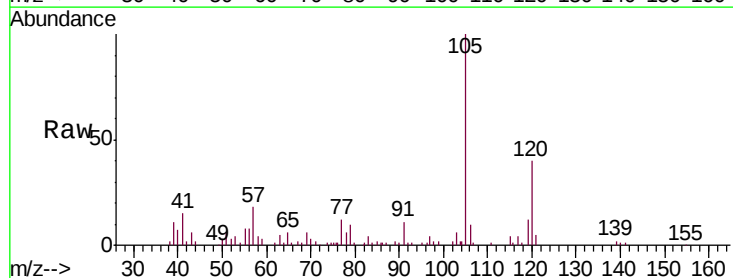
Tgt Ion:119 Resp: 7852

Ion Ratio Lower Upper

119 100

91 0.0 65.3 97.9#

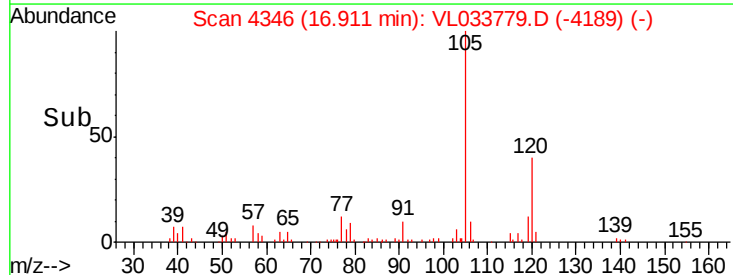
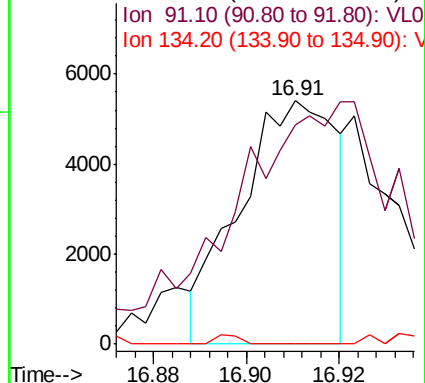
134 0.0 15.7 23.5#

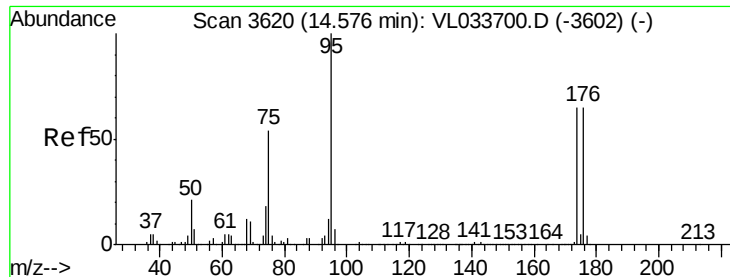


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

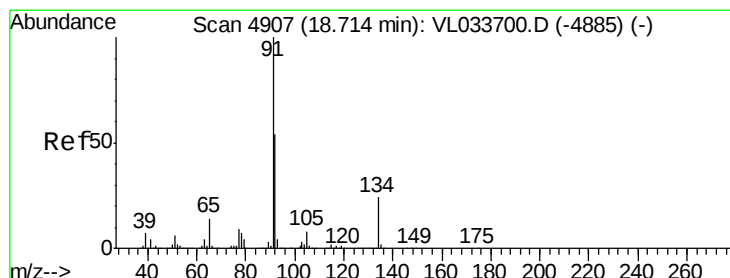
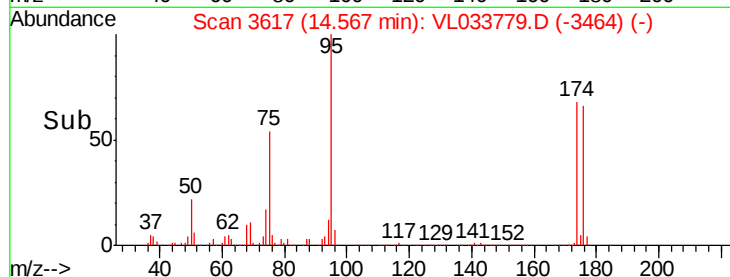
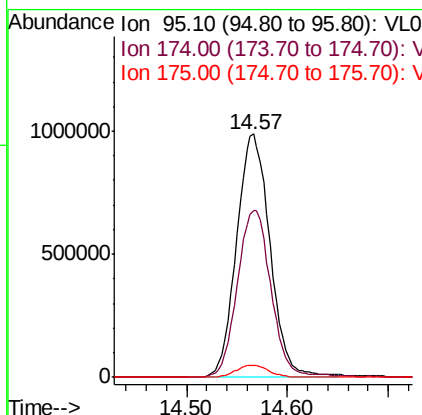
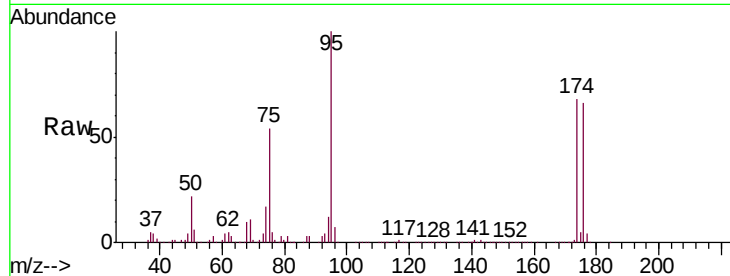




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.917 ppbv
 RT: 14.57 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL033779.D
 Acq: 23 May 2019 18:46

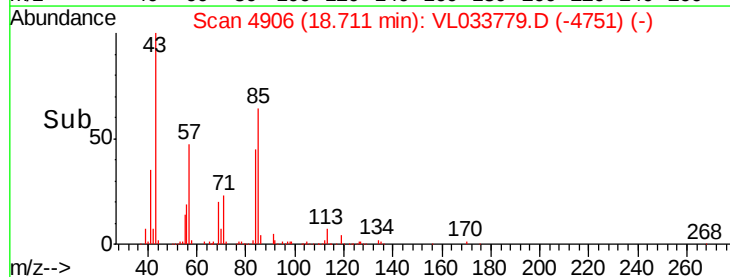
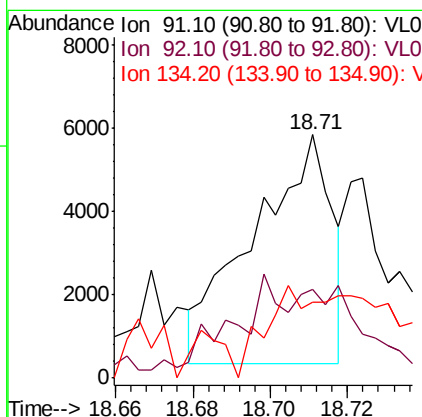
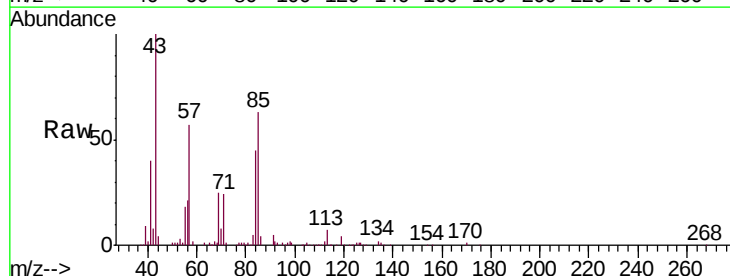
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3003-55DL

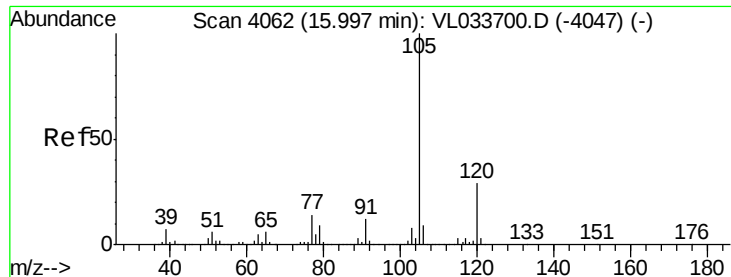
Tgt Ion: 95 Resp: 2272896
 Ion Ratio Lower Upper
 95 100
 174 69.9 53.9 80.9
 175 5.0 3.8 5.8



#70
 n-Butylbenzene
 Concen: 0.015 ppbv
 RT: 18.71 min Scan# 4906
 Delta R.T. -0.00 min
 Lab File: VL033779.D
 Acq: 23 May 2019 18:46

Tgt Ion: 91 Resp: 7785
 Ion Ratio Lower Upper
 91 100
 92 75.9 42.6 63.8#
 134 65.7 18.1 27.1#





#72

4-Ethyltoluene

Concen: 0.101 ppbv

RT: 15.99 min Scan# 4060

Delta R.T. -0.01 min

Lab File: VL033779.D

Acq: 23 May 2019 18:46

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3003-55DL

Tgt Ion:105 Resp: 38033

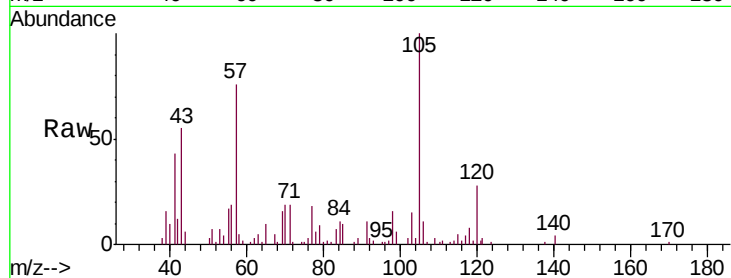
Ion Ratio Lower Upper

105 100

120 35.3 23.1 34.7#

91 20.4 10.4 15.6#

77 21.9 11.0 16.6#



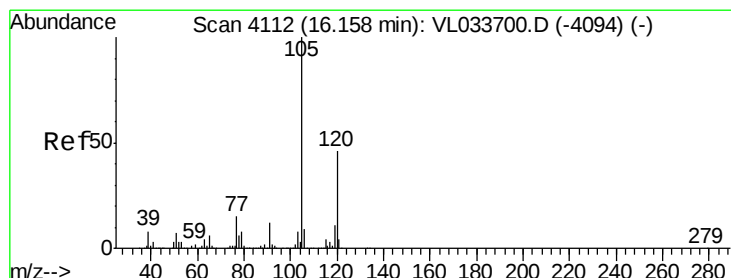
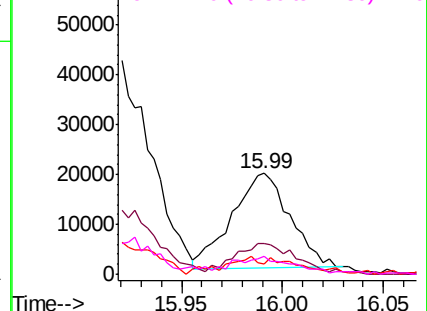
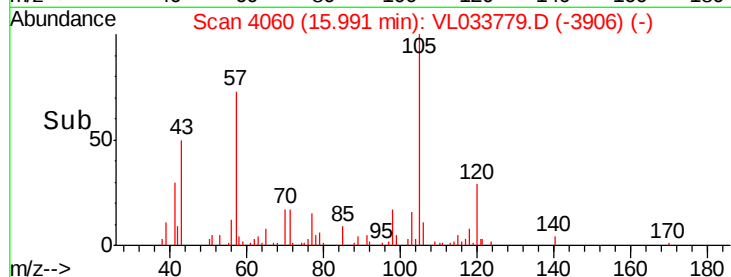
Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.058 ppbv

RT: 16.15 min Scan# 4109

Delta R.T. -0.01 min

Lab File: VL033779.D

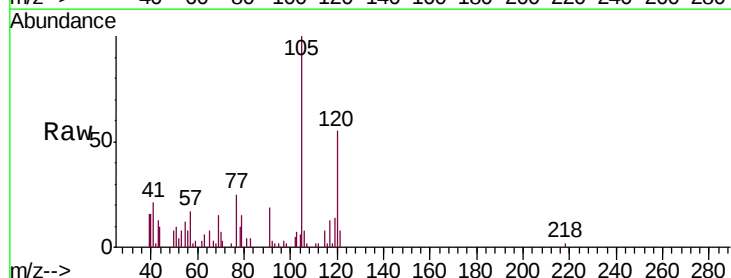
Acq: 23 May 2019 18:46

Tgt Ion:105 Resp: 21219

Ion Ratio Lower Upper

105 100

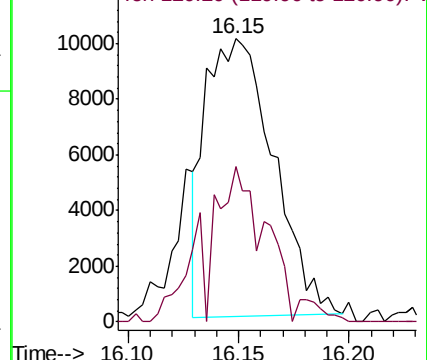
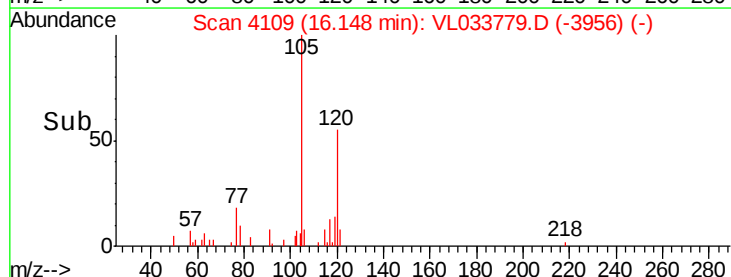
120 54.9 37.0 55.4

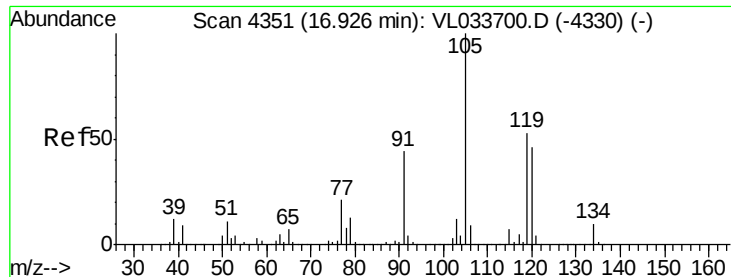


Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74
 1,2,4-Trimethylbenzene
 Concen: 0.135 ppbv
 RT: 16.91 min Scan# 4346
 Delta R.T. -0.02 min
 Lab File: VL033779.D
 Acq: 23 May 2019 18:46

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3003-55DL

Tgt Ion:	105	Resp:	53932
Ion Ratio	Lower	Upper	
105	100		
120	40.0	36.8	55.2
91	9.2	35.4	53.0#
77	9.8	16.8	25.2#

