

Data File : VL033774.D
Acq On : 23 May 2019 15:27
Operator : SY/AP
Sample : K2929-07DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 24 04:24:12 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	5.76	49	855302	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2005831	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2016155	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1681827	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

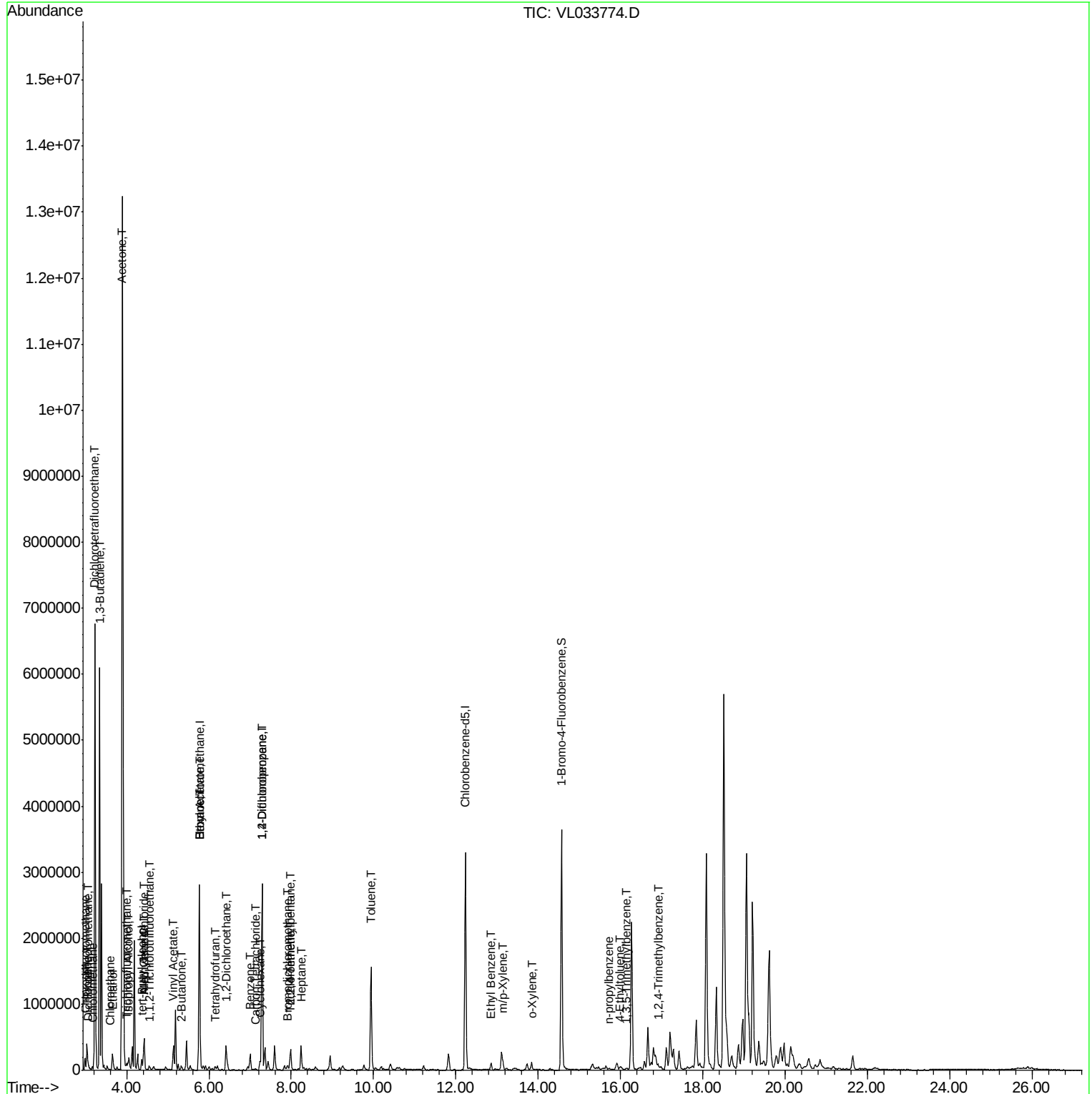
Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.08	85	41661	0.231 ppbv	94
3) Chlorodifluoromethane	2.99	51	126454	1.291 ppbv #	68
4) Chloromethane	3.17	50	35760	0.638 ppbv	98
7) Chloroethane	3.60	64	290	0.014 ppbv	96
8) Dichlorotetrafluoroethane	3.22	85	2392	0.016 ppbv #	83
9) Propene	3.03	41	148169	3.556 ppbv	91
10) Heptane	8.24	43	130931	1.110 ppbv	97
11) Trichlorofluoromethane	4.00	101	42276	0.246 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.55	101	14075	0.117 ppbv #	13
13) Ethanol	3.66	45	259481	19.265 ppbv	100
15) Acetone	3.89	43	15354282	129.388 ppbv #	81
16) 1,3-Butadiene	3.34	39	1445880	30.596 ppbv #	13
17) tert-Butyl alcohol	4.38	59	43349	0.452 ppbv #	1
19) Isopropyl Alcohol	4.04	45	120012	1.568 ppbv #	94
20) Methylene Chloride	4.41	84	80861	1.770 ppbv	92
21) Allyl Chloride	4.43	41	64112	0.866 ppbv #	58
23) Vinyl Acetate	5.13	43	96635	0.618 ppbv #	1
25) Ethyl Acetate	5.77	43	325877	1.563 ppbv #	84
26) Hexane	5.78	57	392419	4.379 ppbv #	43
30) Cyclohexane	7.25	84	13632	0.181 ppbv #	1
34) 2-Butanone	5.33	43	67910	0.546 ppbv	98
35) Carbon Tetrachloride	7.13	117	4888	0.030 ppbv	94
36) Benzene	7.00	78	192520	1.055 ppbv	97
37) 1,2-Dichloroethane	6.41	62	2886	0.025 ppbv #	37
38) Trichloroethene	7.96	130	1436	0.021 ppbv #	42
39) 1,2-Dichloropropane	7.29	63	520627	7.653 ppbv #	23
41) Tetrahydrofuran	6.15	42	3218	0.046 ppbv #	65
42) Bromodichloromethane	7.91	83	2719	0.017 ppbv #	24
44) 2,2,4-Trimethylpentane	7.98	57	134851	0.437 ppbv #	27
53) Toluene	9.94	91	1197793	6.086 ppbv	99
58) Ethyl Benzene	12.85	91	82852	0.310 ppbv	96
59) m/p-Xylene	13.14	91	58177	0.249 ppbv #	31
60) o-Xylene	13.84	91	80892	0.344 ppbv	99
64) n-propylbenzene	15.70	120	1170	0.014 ppbv #	1
72) 4-Ethyltoluene	15.98	105	10118	0.038 ppbv #	64
73) 1,3,5-Trimethylbenzene	16.15	105	6700	0.026 ppbv #	45
74) 1,2,4-Trimethylbenzene	16.91	105	23344	0.082 ppbv #	73

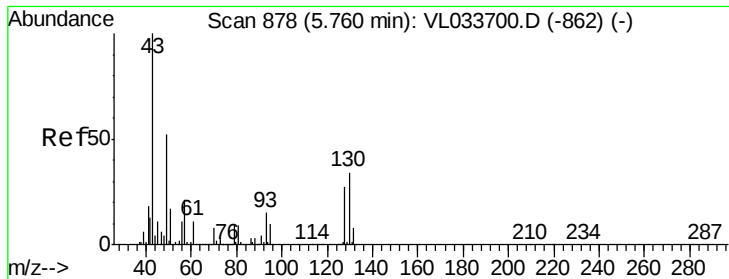
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 1 Sample Multiplier: 1

BPS1-SG-3002-55DUP

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. 0.00 min

Lab File: VL033774.D

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BPS1-SG-3002-55DUP

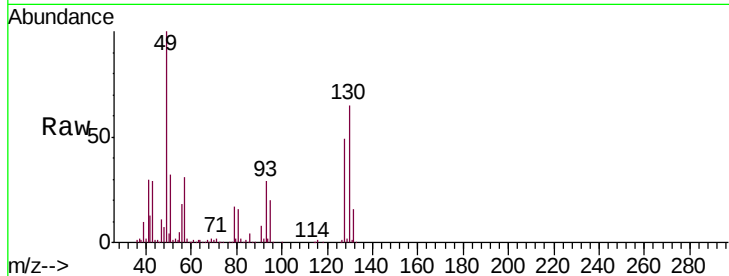
Tgt Ion: 49 Resp: 855302

Ion Ratio Lower Upper

49 100

128 50.7 25.2 75.6

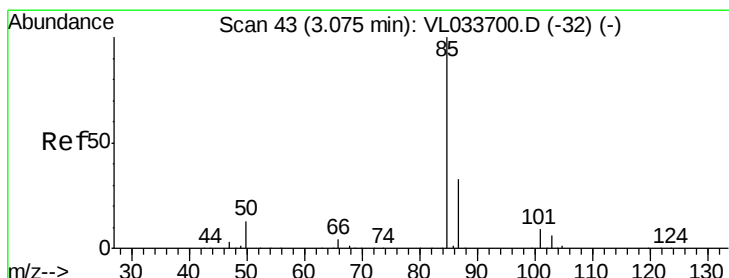
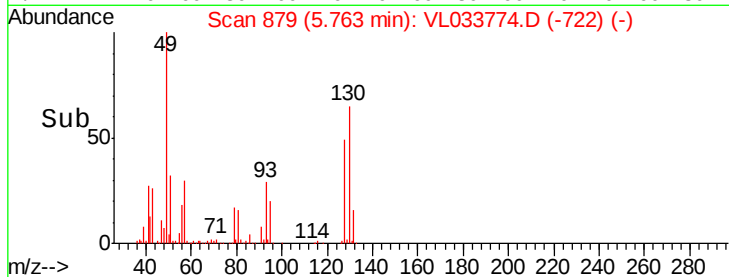
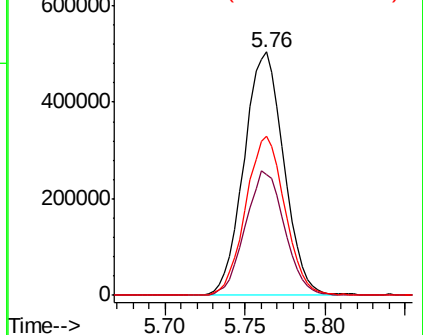
130 64.9 32.5 97.5



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: 0.231 ppbv

RT: 3.08 min Scan# 43

Delta R.T. 0.00 min

Lab File: VL033774.D

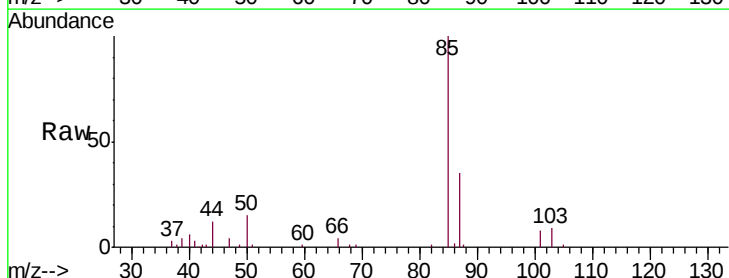
Acq: 23 May 2019 15:27

Tgt Ion: 85 Resp: 41661

Ion Ratio Lower Upper

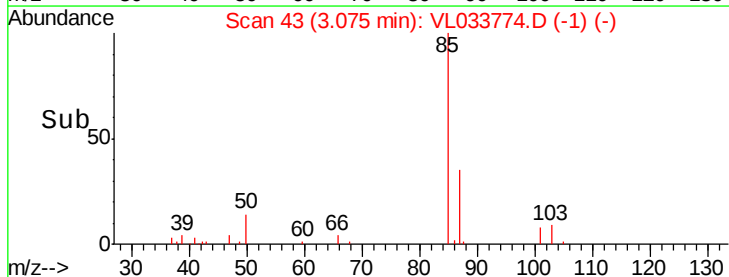
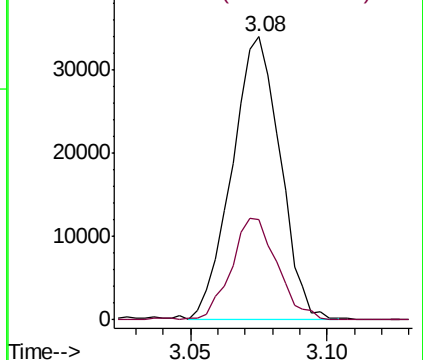
85 100

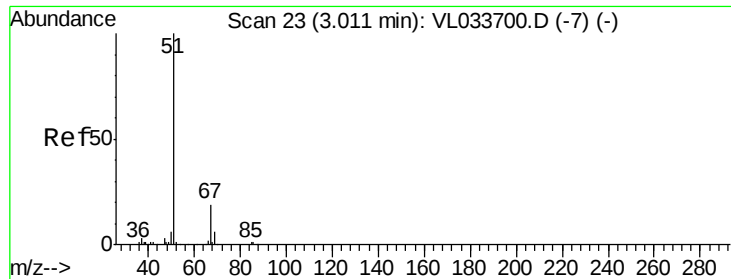
87 36.3 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

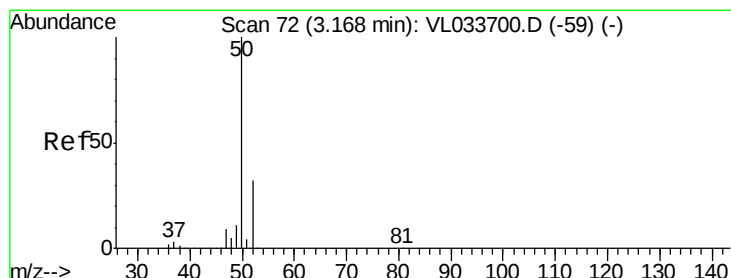
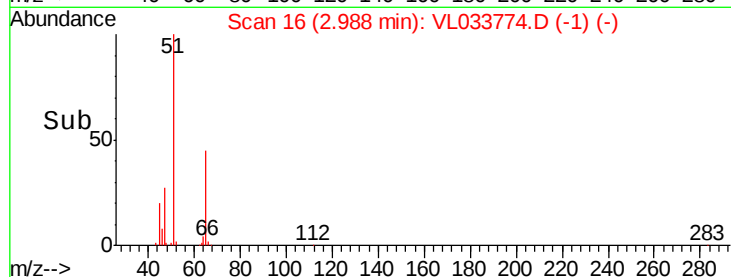
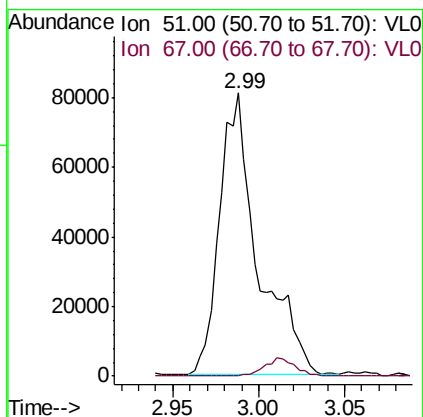
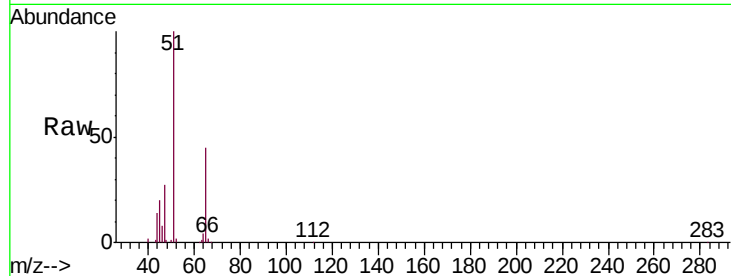




#3
Chlorodifluoromethane
Concen: 1.291 ppbv
RT: 2.99 min Scan# 16
Delta R.T. -0.02 min
Lab File: VL033774.D
Acq: 23 May 2019 15:27

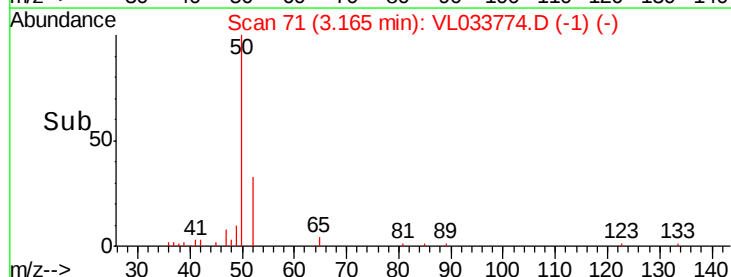
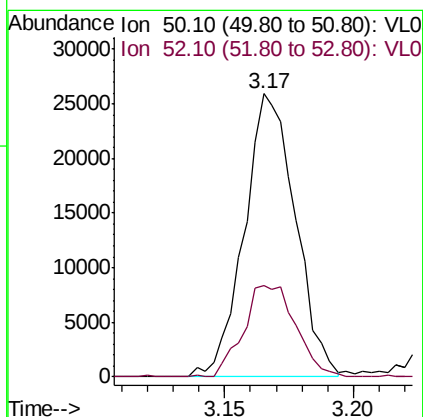
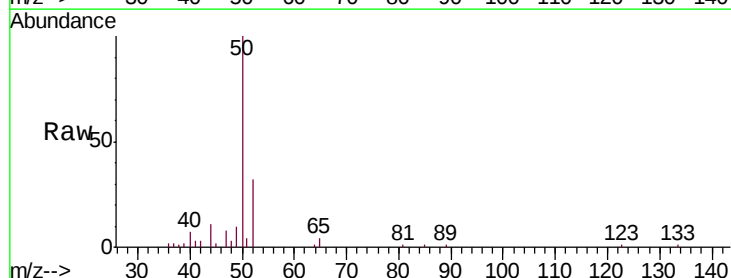
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55DUP

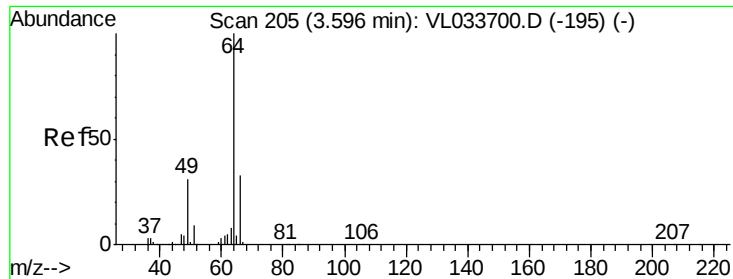
Tgt Ion: 51 Resp: 126454
Ion Ratio Lower Upper
51 100
67 5.0 15.6 23.4#



#4
Chloromethane
Concen: 0.638 ppbv
RT: 3.17 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033774.D
Acq: 23 May 2019 15:27

Tgt Ion: 50 Resp: 35760
Ion Ratio Lower Upper
50 100
52 31.2 25.7 38.5





#7

Chloroethane

Concen: 0.014 ppbv

RT: 3.60 min Scan# 205

Delta R.T. 0.00 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Instrument :

MSVOA_L

ClientSampleId :

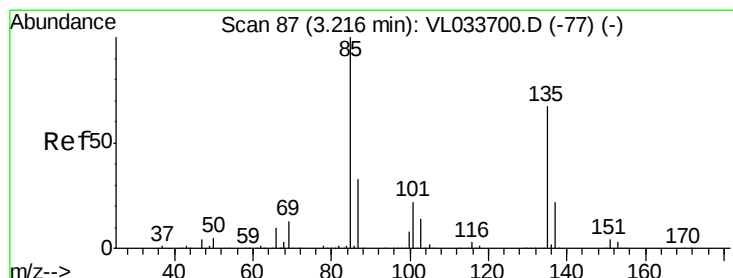
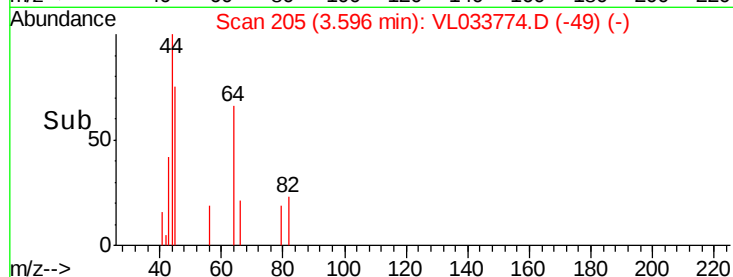
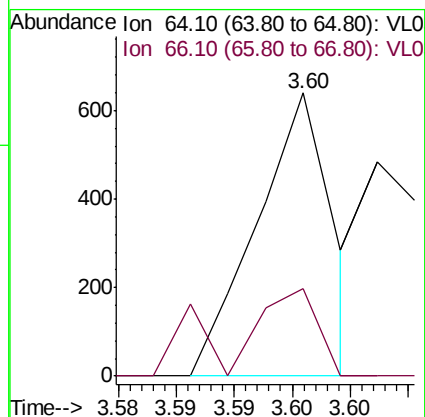
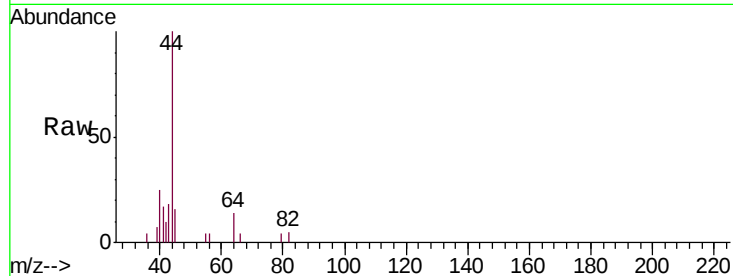
BPS1-SG-3002-55DUP

Tgt Ion: 64 Resp: 290

Ion Ratio Lower Upper

64 100

66 31.1 26.6 40.0



#8

Dichlorotetrafluoroethane

Concen: 0.016 ppbv

RT: 3.22 min Scan# 87

Delta R.T. 0.00 min

Lab File: VL033774.D

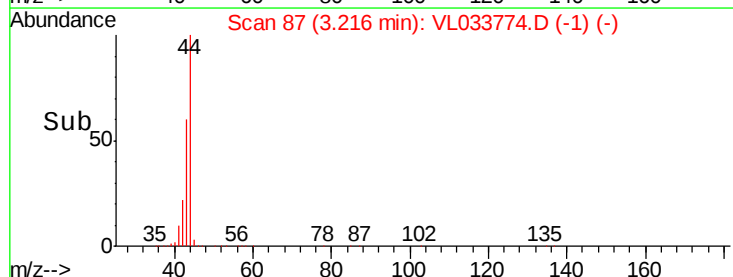
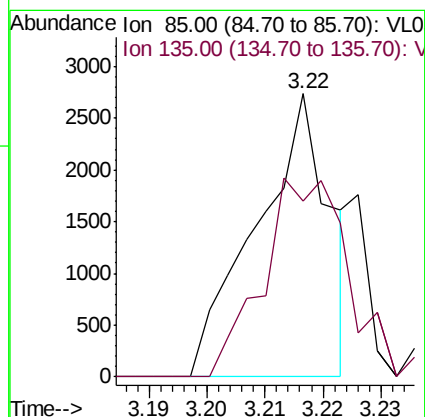
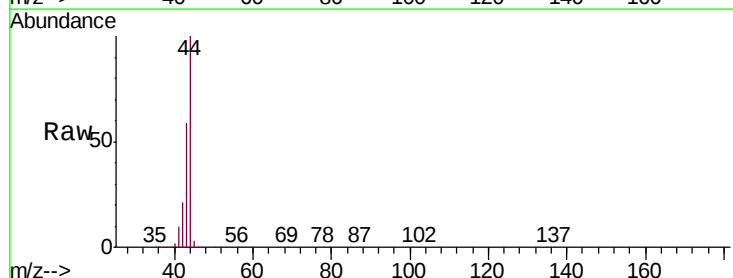
Acq: 23 May 2019 15:27

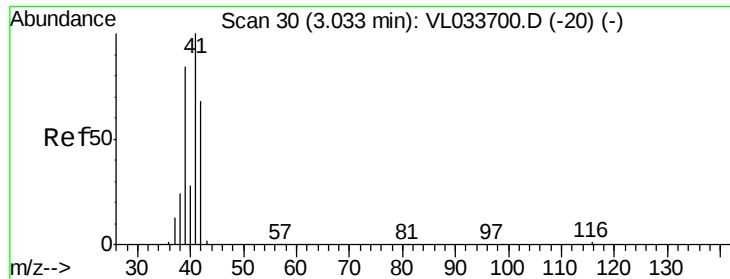
Tgt Ion: 85 Resp: 2392

Ion Ratio Lower Upper

85 100

135 82.1 54.5 81.7#





#9

Propene

Concen: 3.556 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Instrument :

MSVOA_L

ClientSampleId :

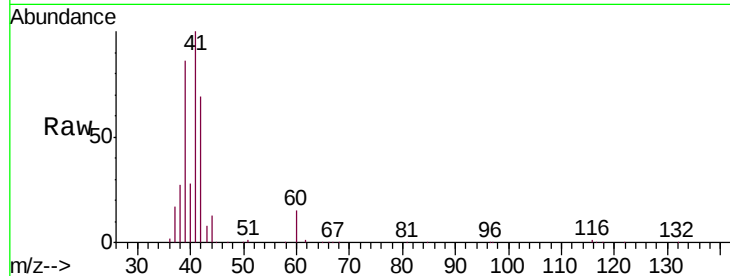
BPS1-SG-3002-55DUP

Tgt Ion: 41 Resp: 148169

Ion Ratio Lower Upper

41 100

42 62.7 56.1 84.1



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

120000

100000

80000

60000

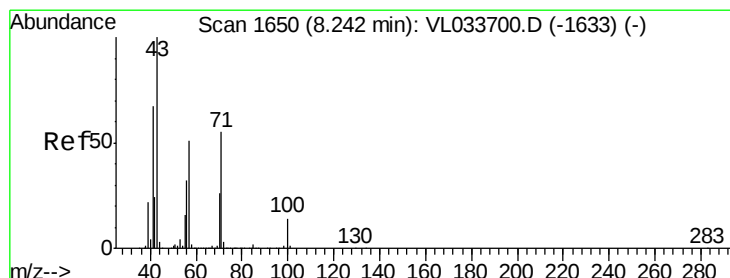
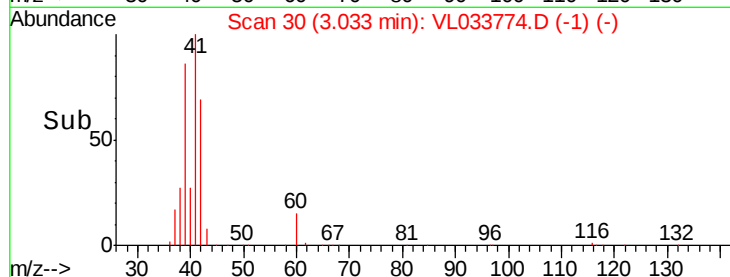
40000

20000

0

3.03

Time-->



#10

Heptane

Concen: 1.110 ppbv

RT: 8.24 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VL033774.D

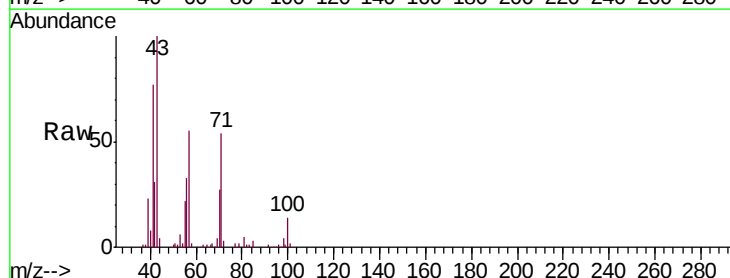
Acq: 23 May 2019 15:27

Tgt Ion: 43 Resp: 130931

Ion Ratio Lower Upper

43 100

57 53.9 41.4 62.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

80000

60000

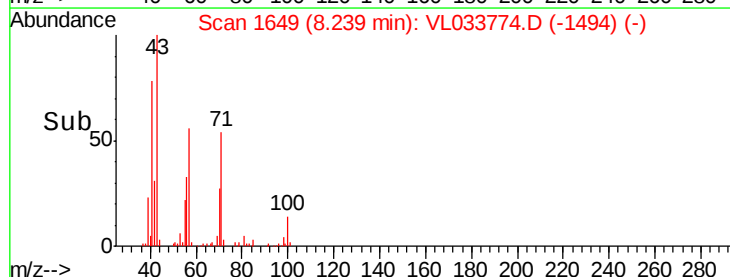
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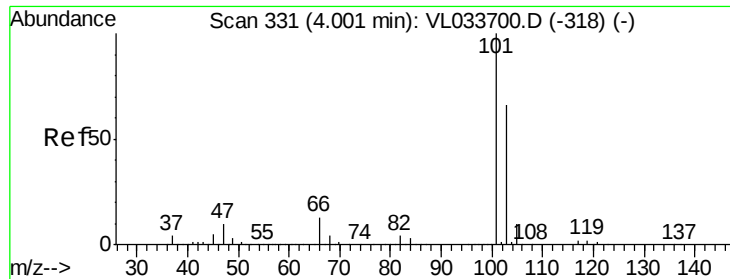
20000

0

8.24

Time-->

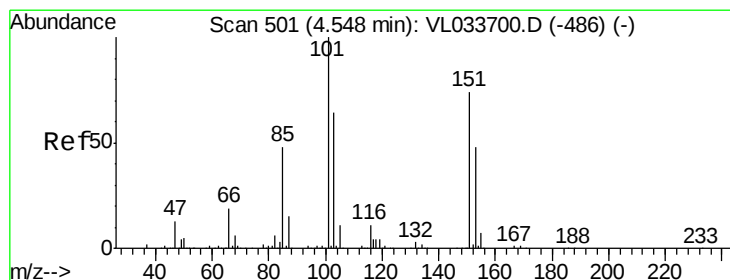
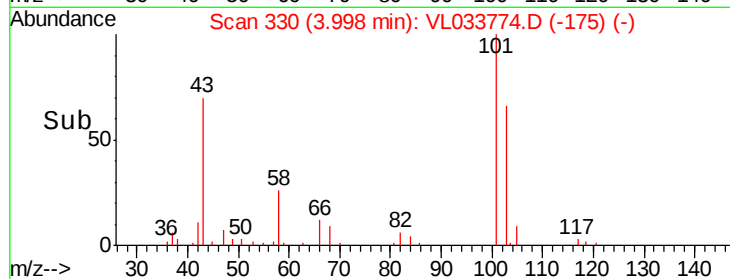
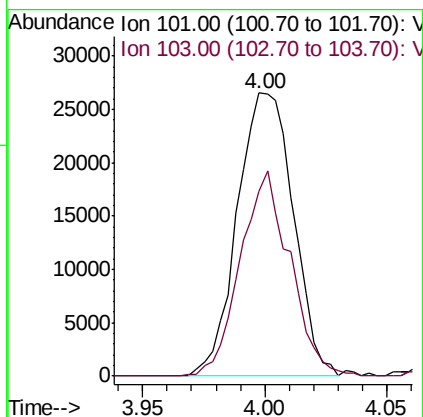
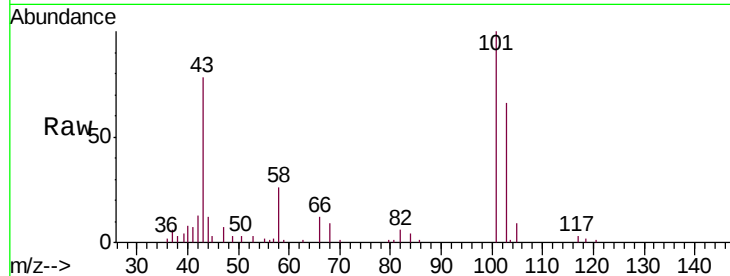




#11
 Trichlorofluoromethane
 Concen: 0.246 ppbv
 RT: 4.00 min Scan# 330
 Delta R.T. -0.00 min
 Lab File: VL033774.D
 Acq: 23 May 2019 15:27

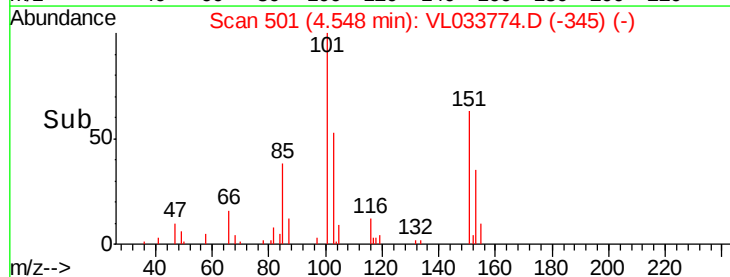
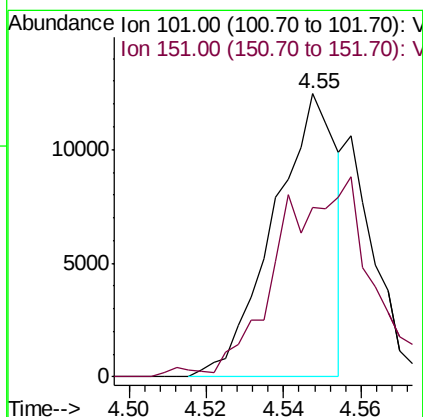
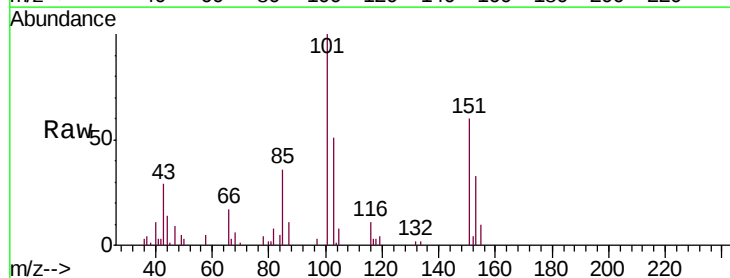
Instrument :
 MSVOA_L
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 BPS1-SG-3002-55DUP

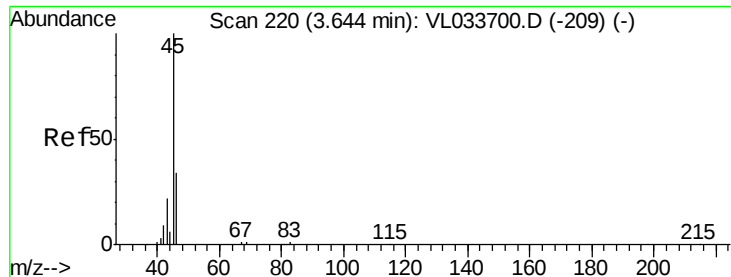
Tgt Ion:101 Resp: 42276
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.117 ppbv
 RT: 4.55 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VL033774.D
 Acq: 23 May 2019 15:27

Tgt Ion:101 Resp: 14075
 Ion Ratio Lower Upper
 101 100
 151 0.0 58.2 87.4#





#13

Ethanol

Concen: 19.265 ppbv

RT: 3.66 min Scan# 224

Delta R.T. 0.01 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Instrument :

MSVOA_L

ClientSampleId :

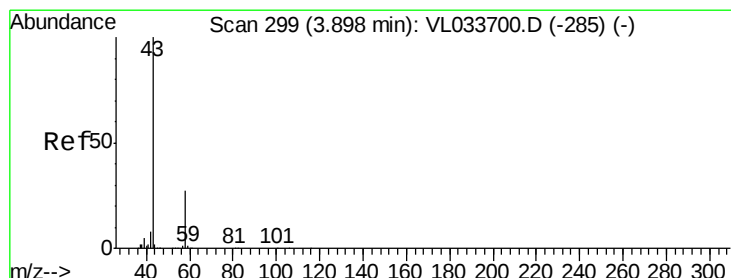
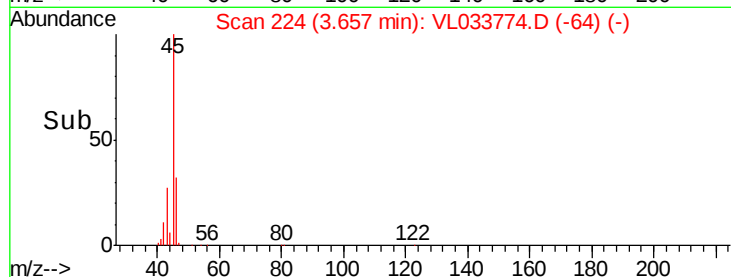
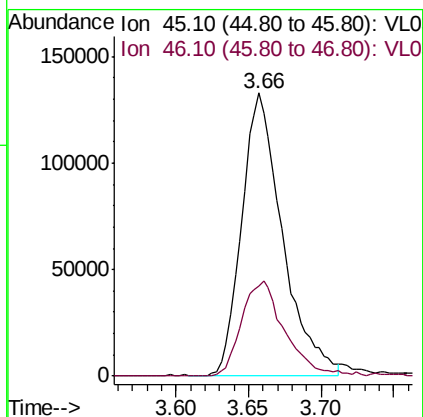
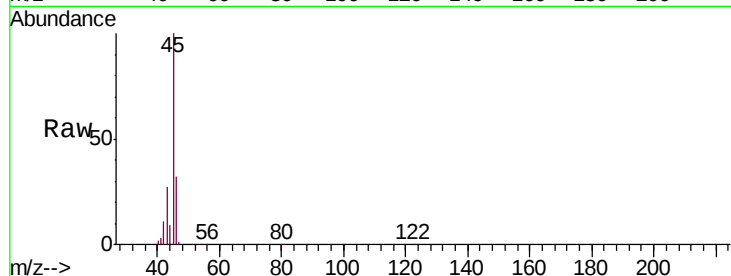
BPS1-SG-3002-55DUP

Tgt Ion: 45 Resp: 259481

Ion Ratio Lower Upper

45 100

46 36.7 14.8 59.0



#15

Acetone

Concen: 129.388 ppbv

RT: 3.89 min Scan# 298

Delta R.T. -0.00 min

Lab File: VL033774.D

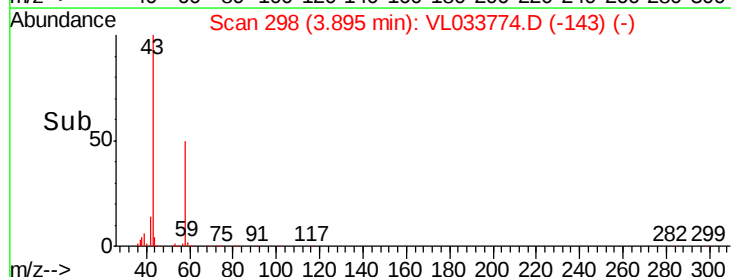
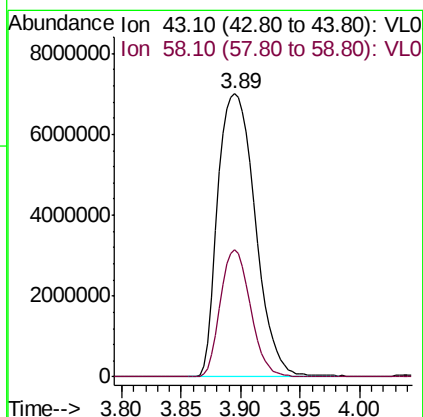
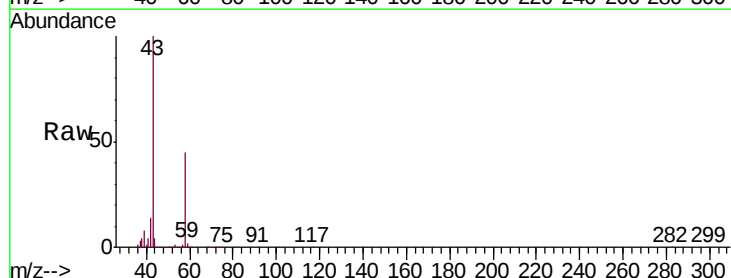
Acq: 23 May 2019 15:27

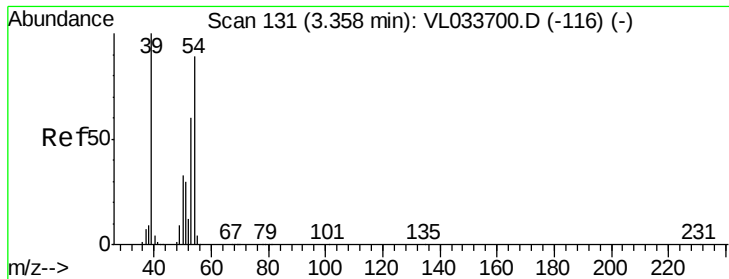
Tgt Ion: 43 Resp: 15354282

Ion Ratio Lower Upper

43 100

58 36.3 21.3 31.9#

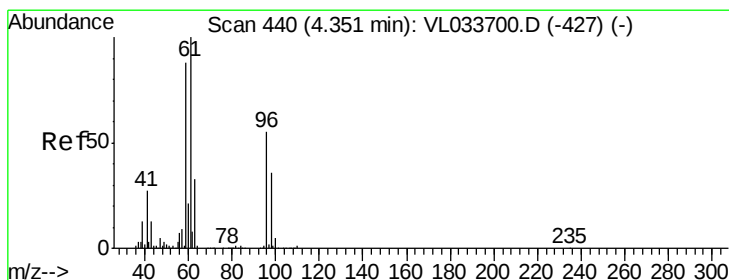
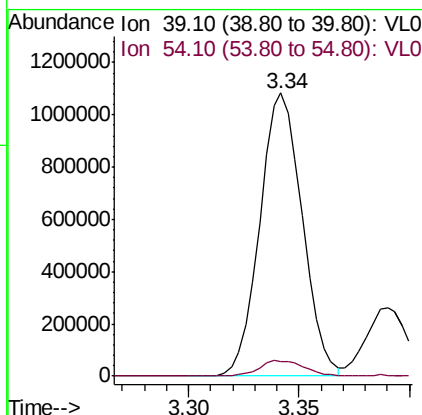
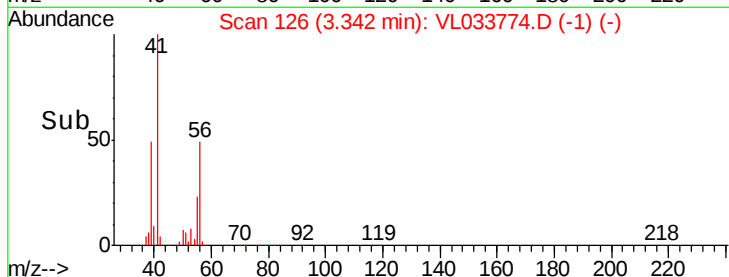
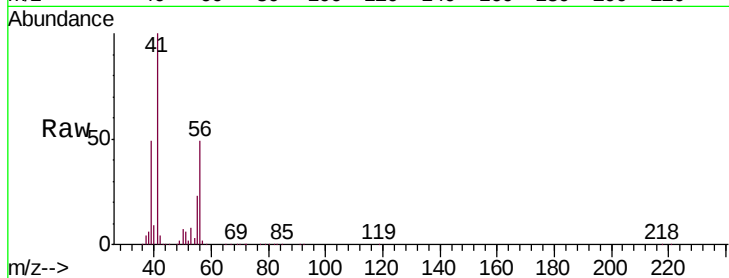




#16
 1,3-Butadiene
 Concen: 30.596 ppbv
 RT: 3.34 min Scan# 126
 Delta R.T. -0.02 min
 Lab File: VL033774.D
 Acq: 23 May 2019 15:27

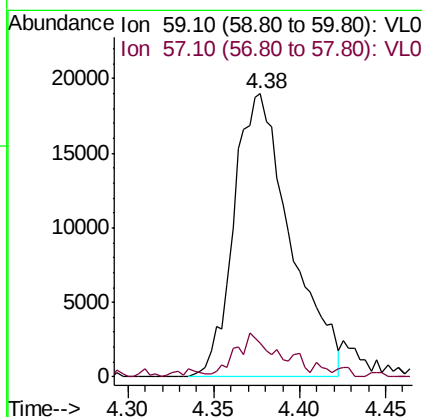
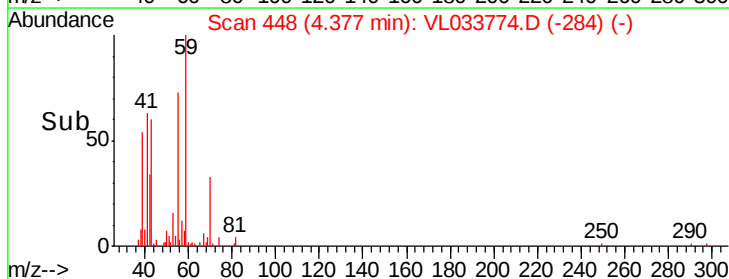
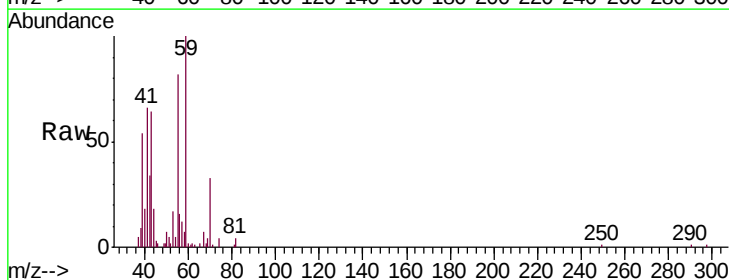
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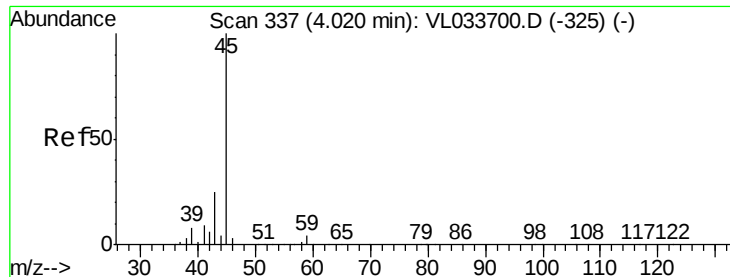
Tgt Ion: 39 Resp: 1445880
 Ion Ratio Lower Upper
 39 100
 54 6.4 69.0 103.6#



#17
 tert-Butyl alcohol
 Concen: 0.452 ppbv
 RT: 4.38 min Scan# 448
 Delta R.T. 0.03 min
 Lab File: VL033774.D
 Acq: 23 May 2019 15:27

Tgt Ion: 59 Resp: 43349
 Ion Ratio Lower Upper
 59 100
 57 337.9 8.4 12.6#





#19

Isopropyl Alcohol

Concen: 1.568 ppbv

RT: 4.04 min Scan# 343

Delta R.T. 0.02 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Instrument :

MSVOA_L

ClientSampleId :

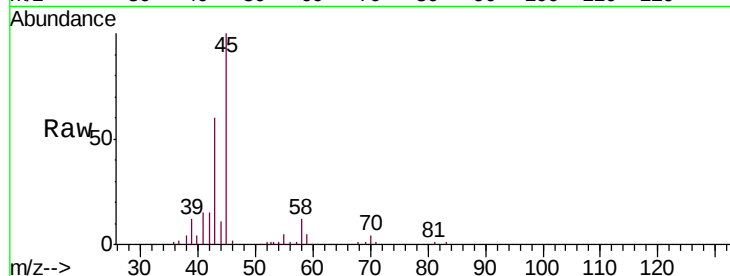
BPS1-SG-3002-55DUP

Tgt Ion: 45 Resp: 120012

Ion Ratio Lower Upper

45 100

58 0.0 1.6 2.4#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

150000

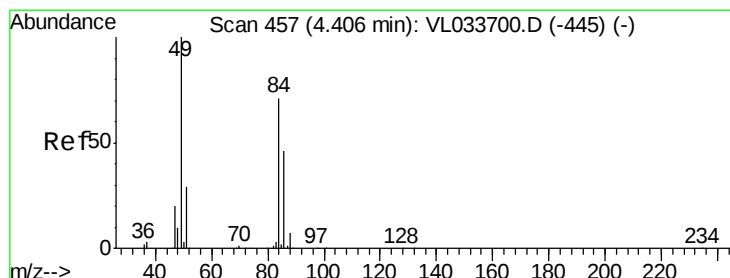
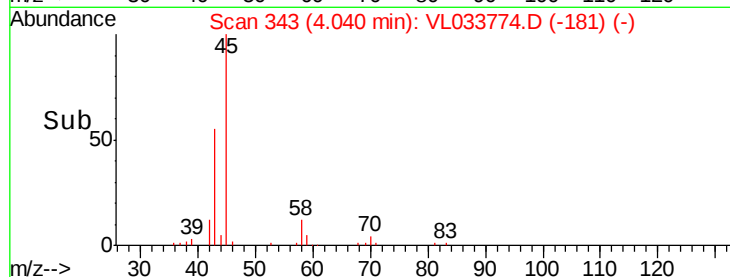
100000

50000

0

3.95 4.00 4.05 4.10

Time-->



#20

Methylene Chloride

Concen: 1.770 ppbv

RT: 4.41 min Scan# 459

Delta R.T. 0.01 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Tgt Ion: 84 Resp: 80861

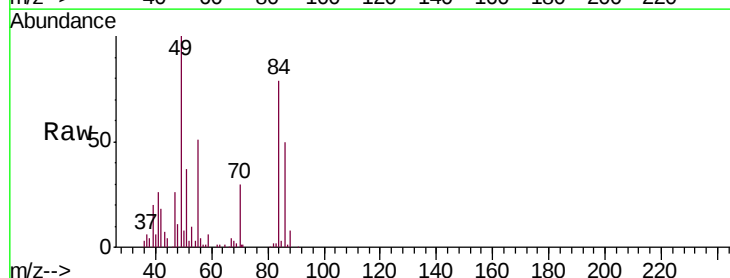
Ion Ratio Lower Upper

84 100

49 125.9 112.8 169.2

51 44.6 33.4 50.0

86 64.0 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

100000

80000

60000

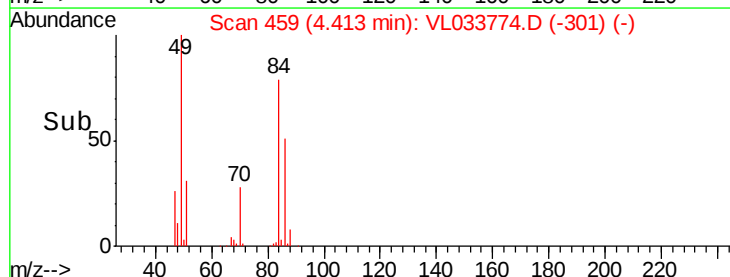
40000

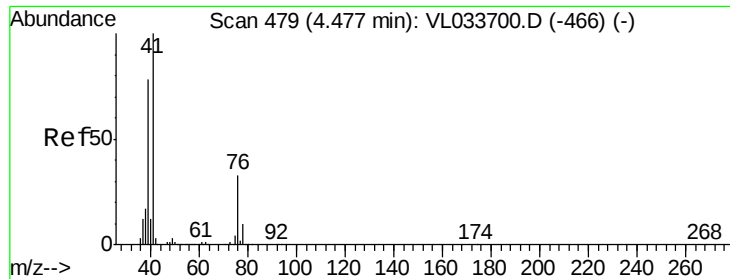
20000

0

4.35 4.40 4.45

Time-->





#21

Allyl Chloride

Concen: 0.866 ppbv

RT: 4.43 min Scan# 463

Delta R.T. -0.05 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3002-55DUP

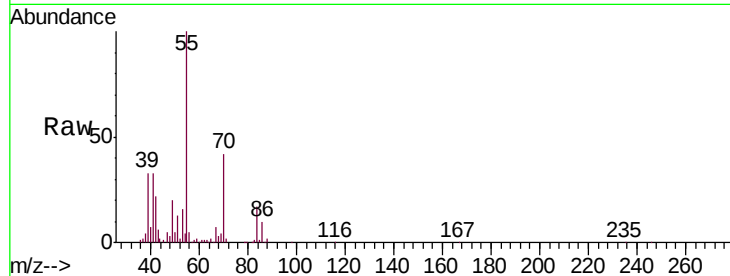
Tgt Ion: 41 Resp: 64112

Ion Ratio Lower Upper

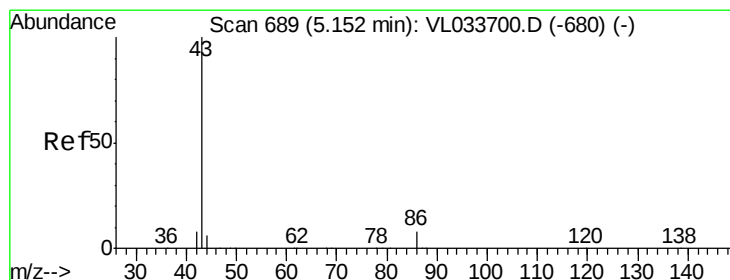
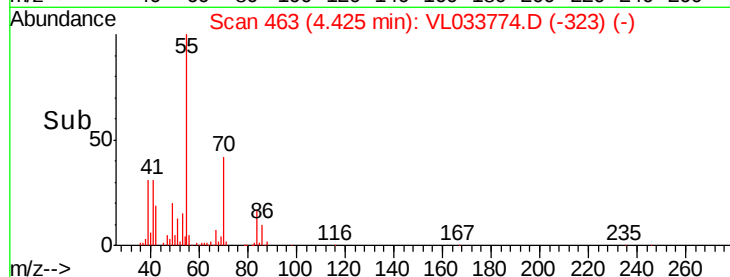
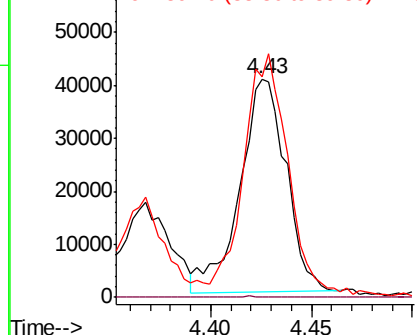
41 100

76 0.0 25.9 38.9#

39 112.2 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: 0.618 ppbv

RT: 5.13 min Scan# 683

Delta R.T. -0.02 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Tgt Ion: 43 Resp: 96635

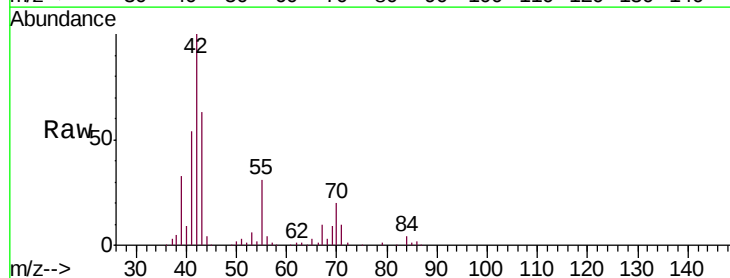
Ion Ratio Lower Upper

43 100

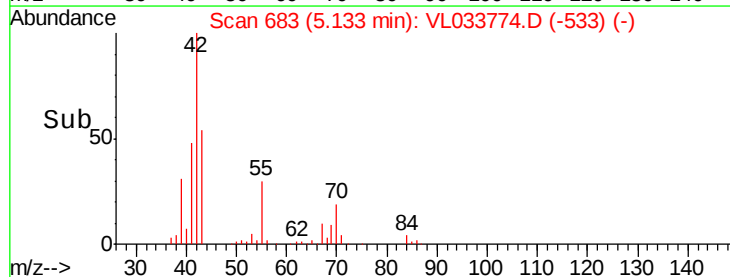
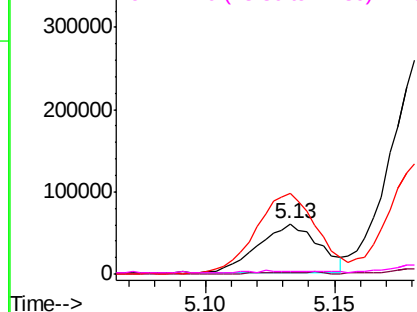
86 4.3 6.0 9.0#

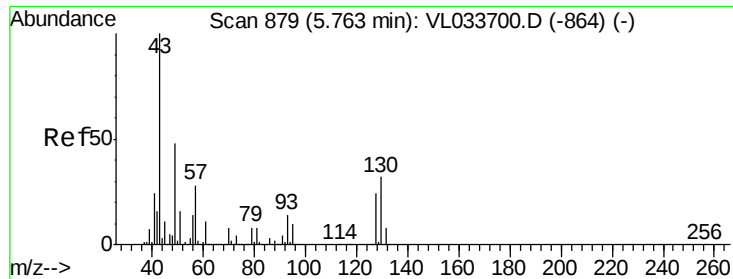
42 162.5 7.5 11.3#

44 2.1 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

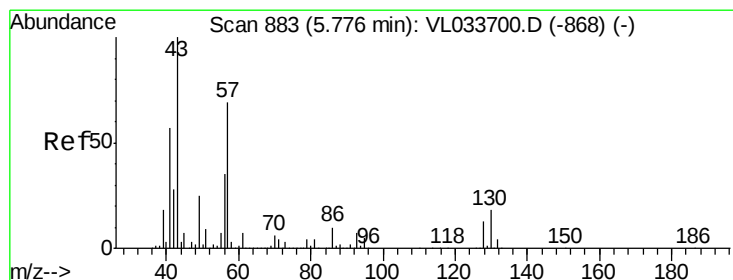
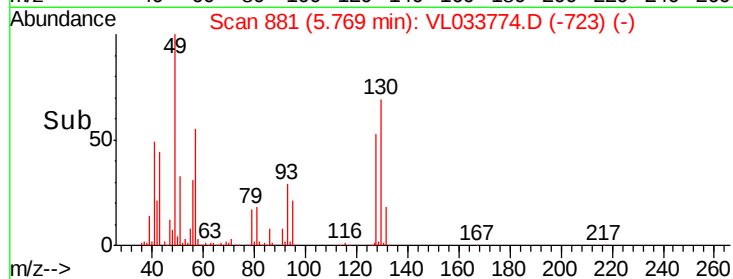
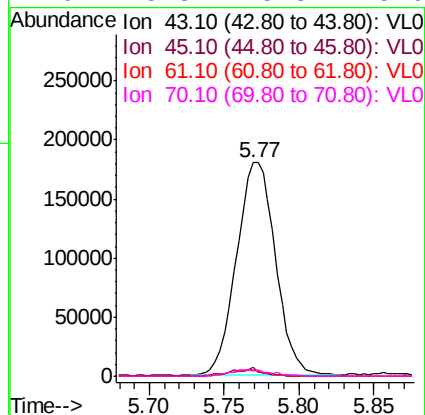
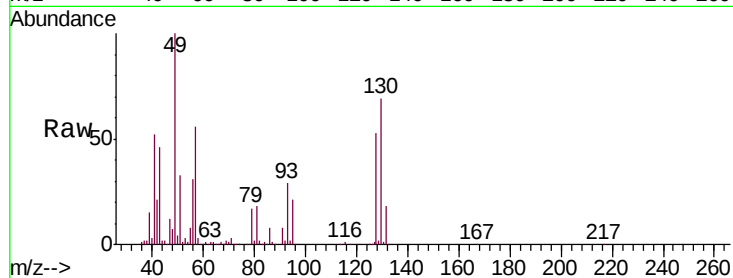




#25
Ethyl Acetate
Concen: 1.563 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.01 min
Lab File: VL033774.D
Acq: 23 May 2019 15:27

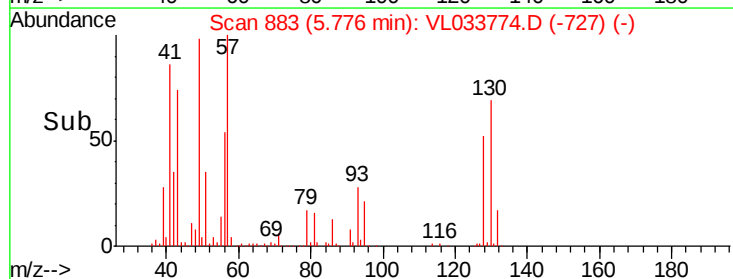
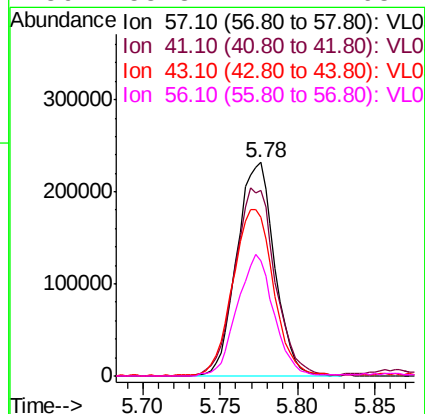
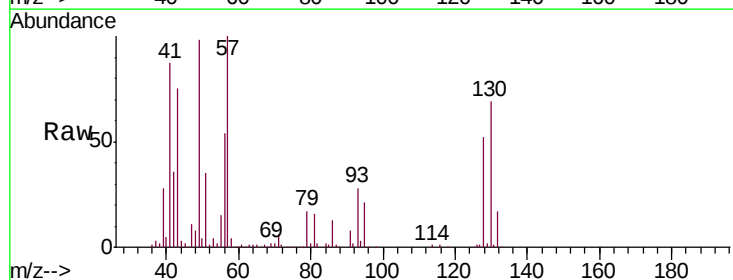
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55DUP

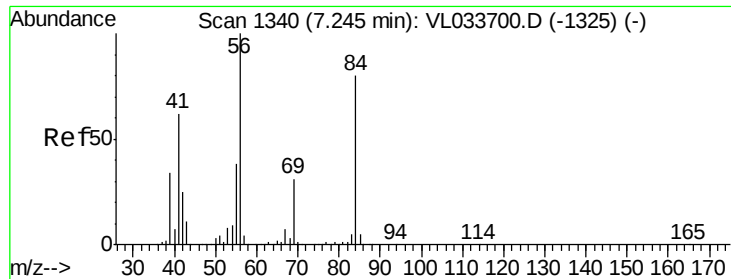
Tgt Ion:	43	Resp:	325877
Ion	Ratio	Lower	Upper
43	100		
45	3.3	7.9	11.9#
61	2.8	7.7	11.5#
70	3.3	5.8	8.6#



#26
Hexane
Concen: 4.379 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033774.D
Acq: 23 May 2019 15:27

Tgt Ion:	57	Resp:	392419
Ion	Ratio	Lower	Upper
57	100		
41	94.9	69.8	104.6
43	83.8	181.8	272.6#
56	55.3	42.1	63.1

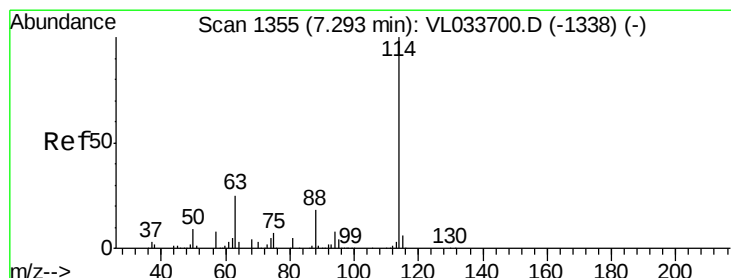
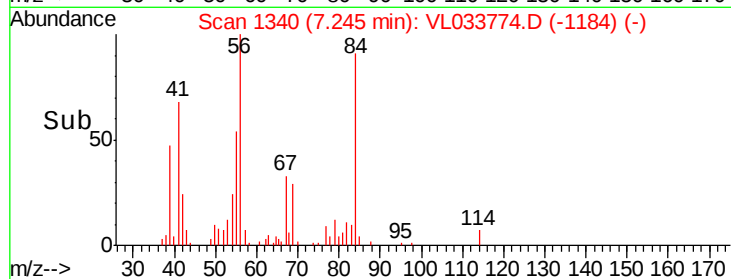
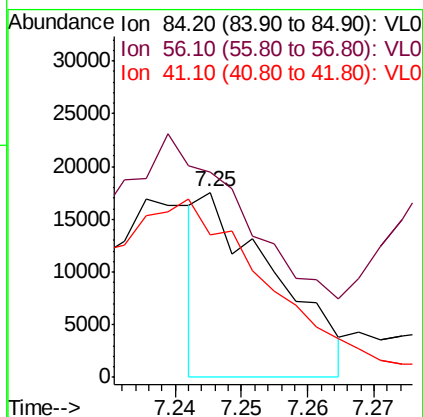
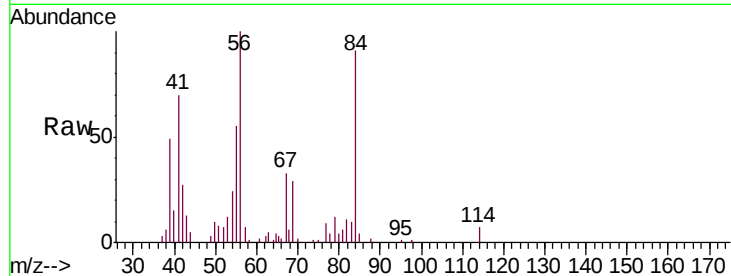




#30
Cyclohexane
Concen: 0.181 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VL033774.D
Acq: 23 May 2019 15:27

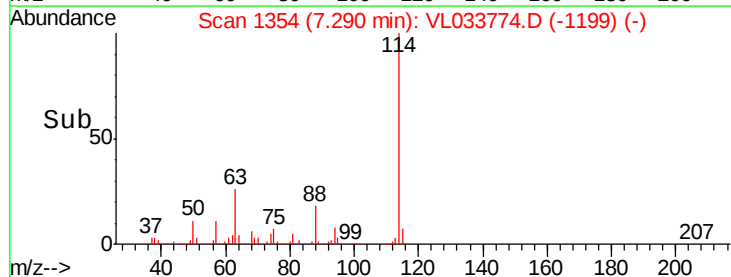
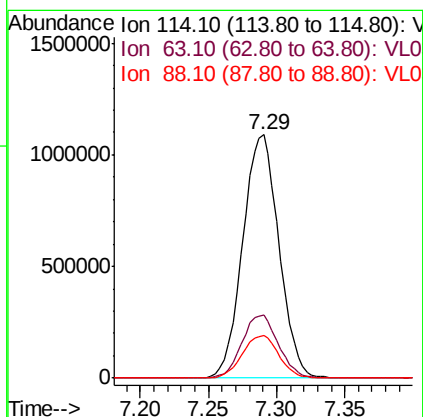
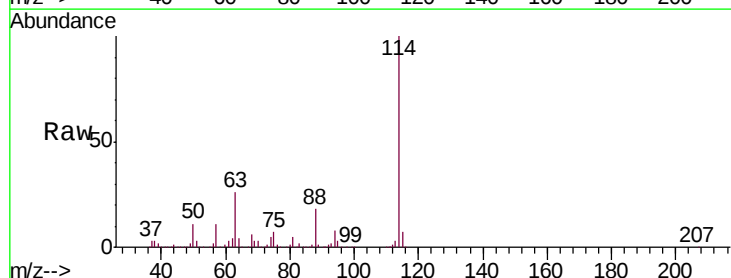
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55DUP

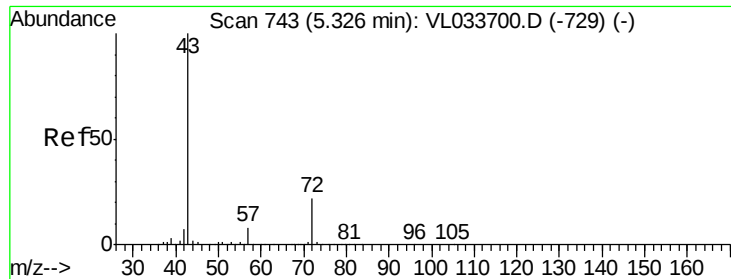
Tgt Ion: 84 Resp: 13632
Ion Ratio Lower Upper
84 100
56 306.5 107.7 161.5#
41 251.1 66.0 99.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033774.D
Acq: 23 May 2019 15:27

Tgt Ion: 114 Resp: 2005831
Ion Ratio Lower Upper
114 100
63 26.1 20.9 31.3
88 17.7 14.3 21.5

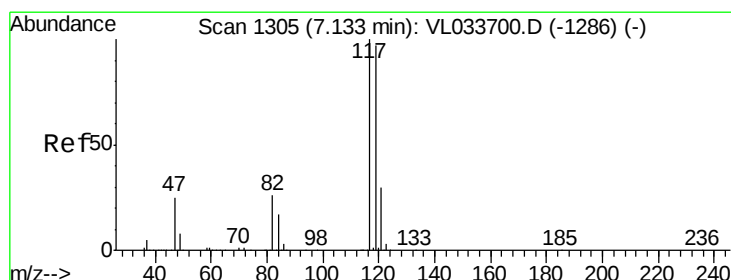
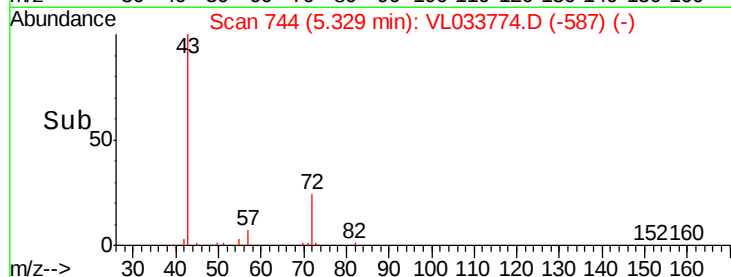
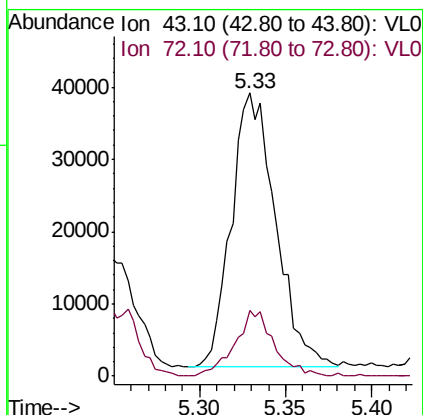
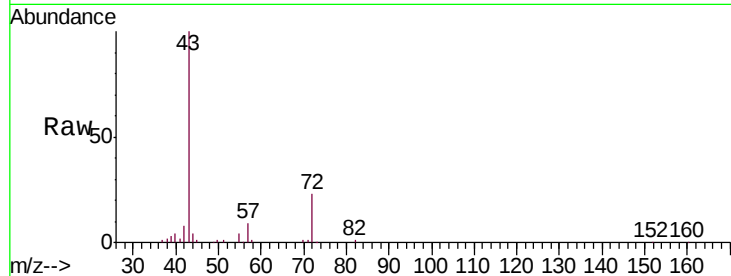




#34
2-Butanone
Concen: 0.546 ppbv
RT: 5.33 min Scan# 744
Delta R.T. 0.00 min
Lab File: VL033774.D
Acq: 23 May 2019 15:27

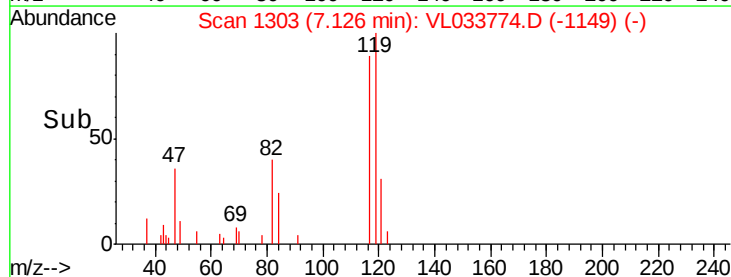
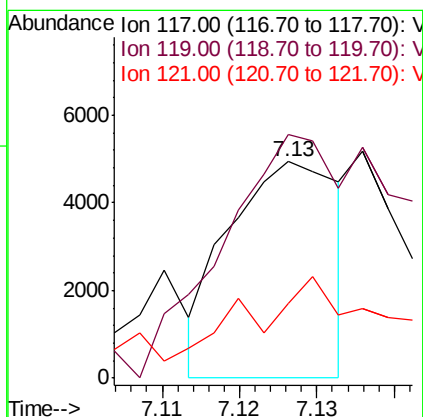
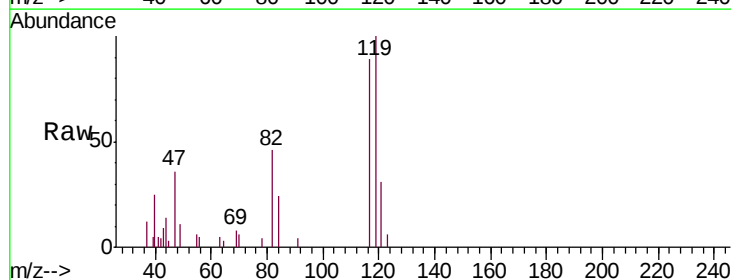
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55DUP

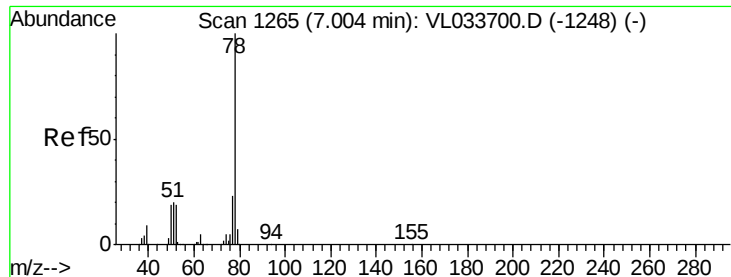
Tgt Ion: 43 Resp: 67910
Ion Ratio Lower Upper
43 100
72 21.3 17.8 26.6



#35
Carbon Tetrachloride
Concen: 0.030 ppbv
RT: 7.13 min Scan# 1303
Delta R.T. -0.01 min
Lab File: VL033774.D
Acq: 23 May 2019 15:27

Tgt Ion: 117 Resp: 4888
Ion Ratio Lower Upper
117 100
119 103.2 77.2 115.8
121 28.8 24.1 36.1





#36

Benzene

Concen: 1.055 ppbv

RT: 7.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3002-55DUP

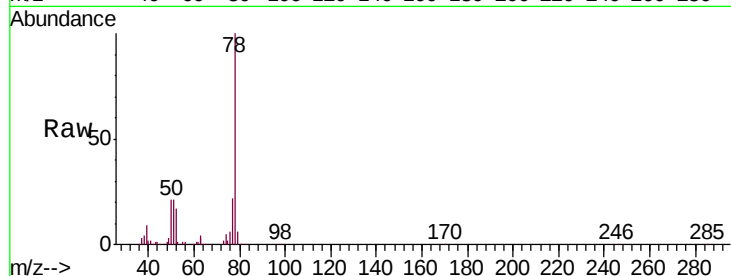
Tgt Ion: 78 Resp: 192520

Ion Ratio Lower Upper

78 100

77 21.9 18.4 27.6

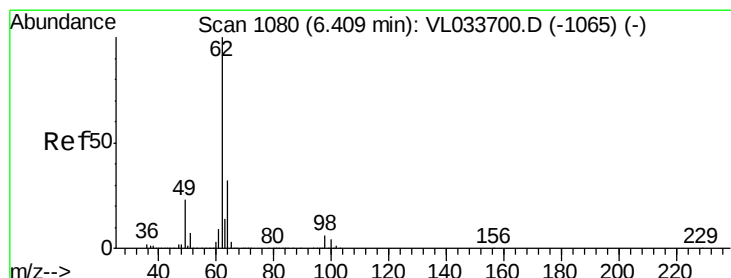
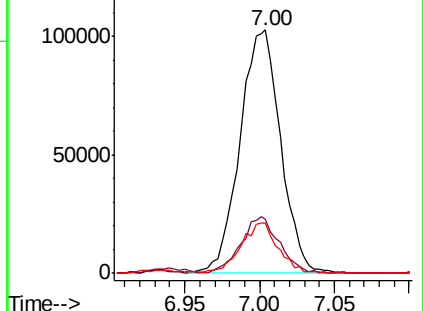
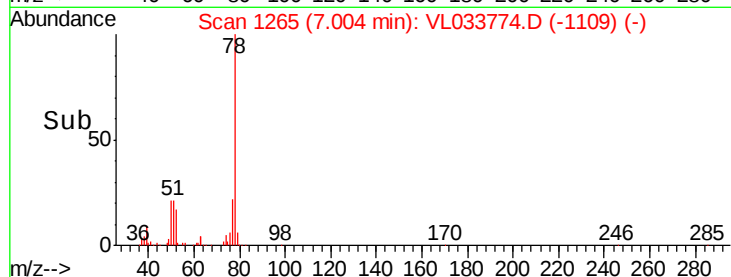
50 20.7 15.5 23.3



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



#37

1,2-Dichloroethane

Concen: 0.025 ppbv

RT: 6.41 min Scan# 1081

Delta R.T. 0.00 min

Lab File: VL033774.D

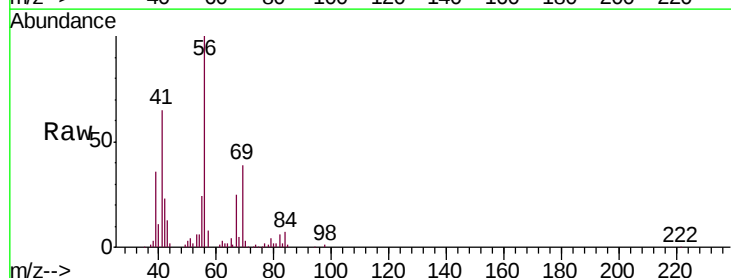
Acq: 23 May 2019 15:27

Tgt Ion: 62 Resp: 2886

Ion Ratio Lower Upper

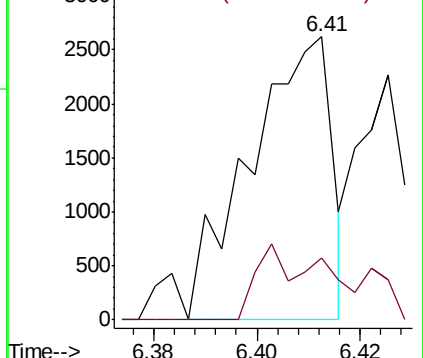
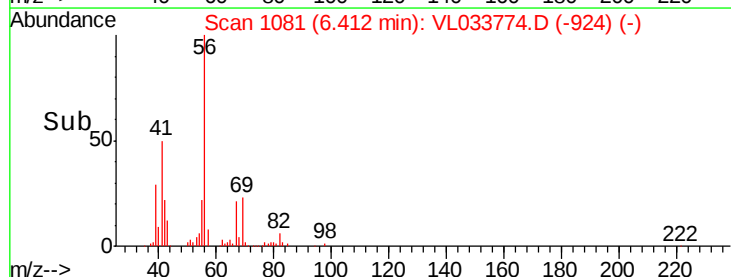
62 100

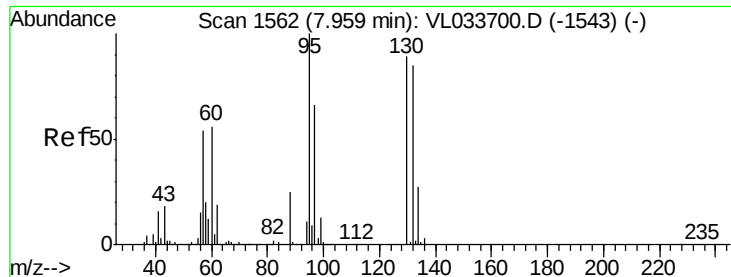
98 26.6 4.5 6.7#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#38

Trichloroethene

Concen: 0.021 ppbv

RT: 7.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3002-55DUP

Tgt Ion:130 Resp: 1436

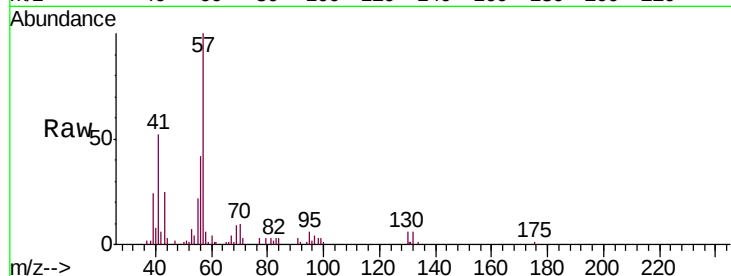
Ion Ratio Lower Upper

130 100

95 38.0 90.2 135.4#

132 125.4 76.4 114.6#

97 9.8 59.8 89.6#

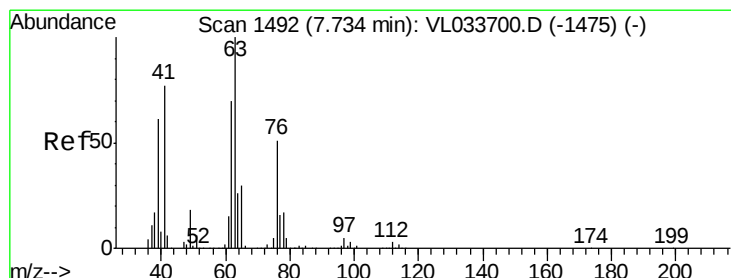
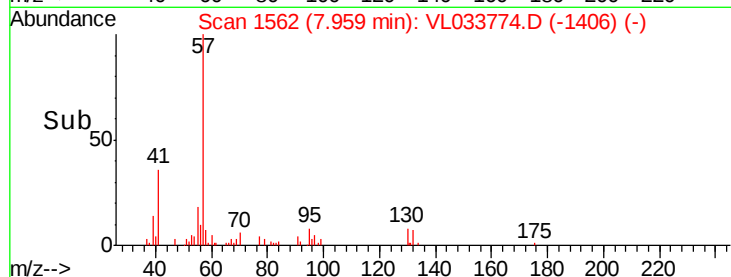
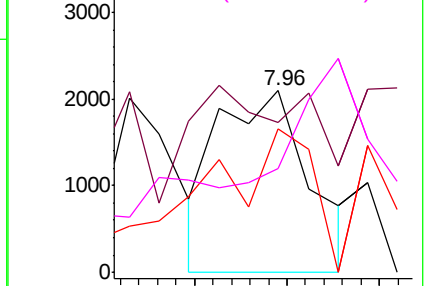


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 7.653 ppbv

RT: 7.29 min Scan# 1354

Delta R.T. -0.44 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

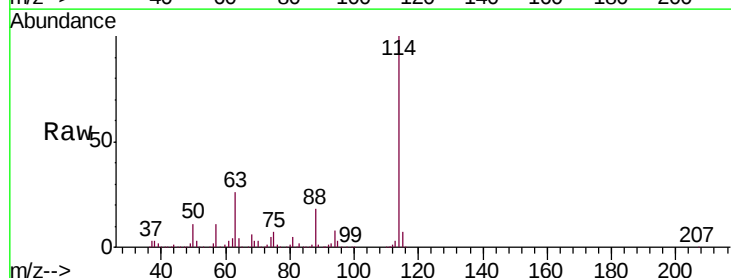
Tgt Ion: 63 Resp: 520627

Ion Ratio Lower Upper

63 100

41 0.0 61.5 92.3#

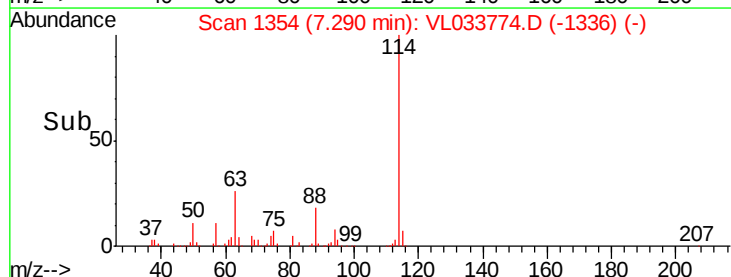
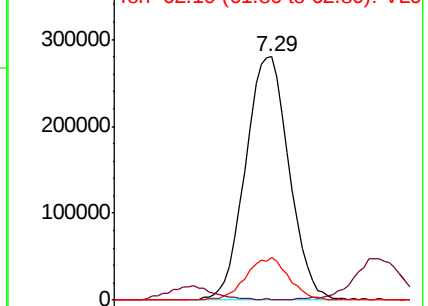
62 17.2 56.2 84.4#

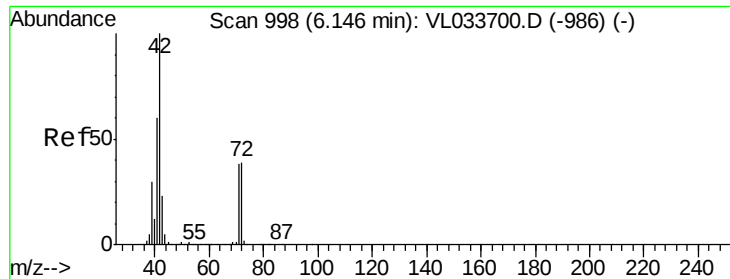


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.046 ppbv

RT: 6.15 min Scan# 998

Delta R.T. 0.00 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

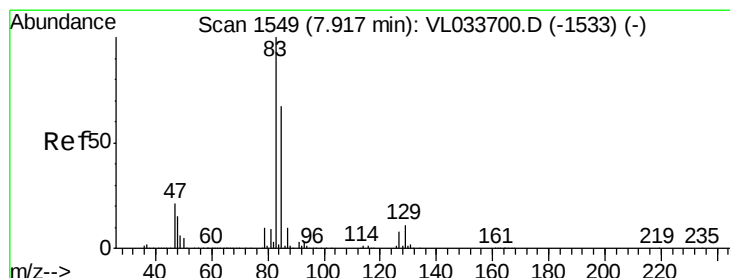
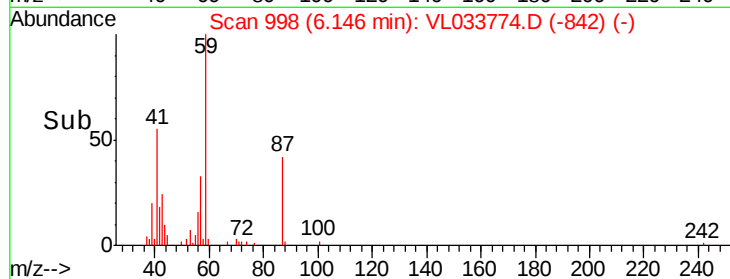
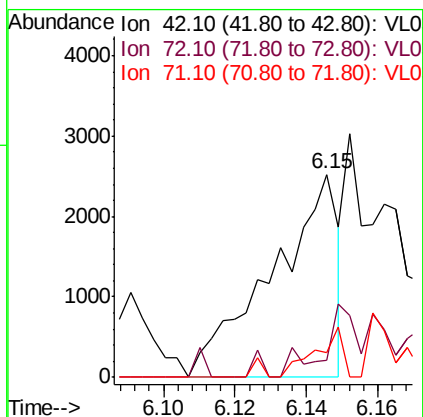
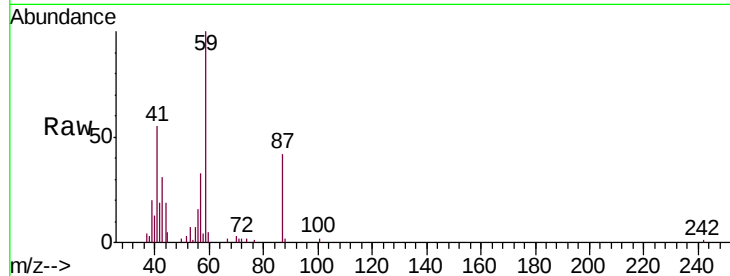
Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3002-55DUP

Tgt Ion:	42	Resp:	3218
Ion	Ratio	Lower	Upper
42	100		
72	44.8	32.0	48.0
71	0.0	30.4	45.6#



#42

Bromodichloromethane

Concen: 0.017 ppbv

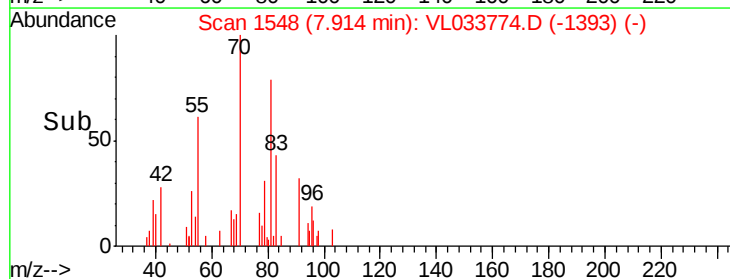
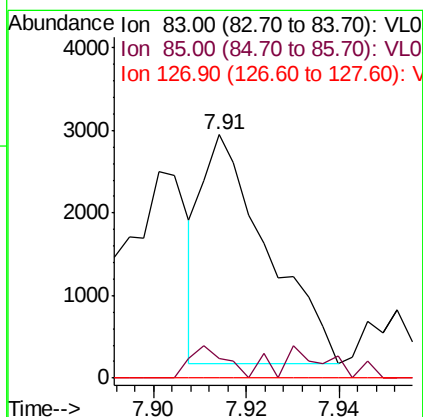
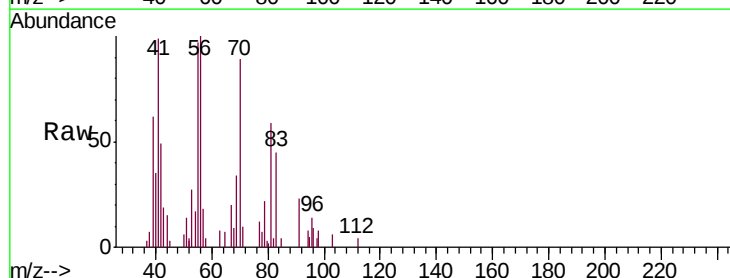
RT: 7.91 min Scan# 1548

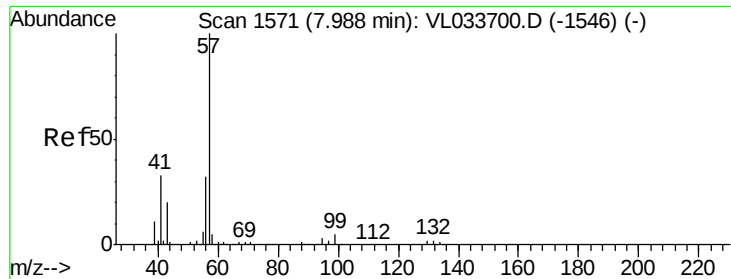
Delta R.T. -0.00 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Tgt Ion:	83	Resp:	2719
Ion	Ratio	Lower	Upper
83	100		
85	0.4	53.3	79.9#
127	0.0	6.5	9.7#

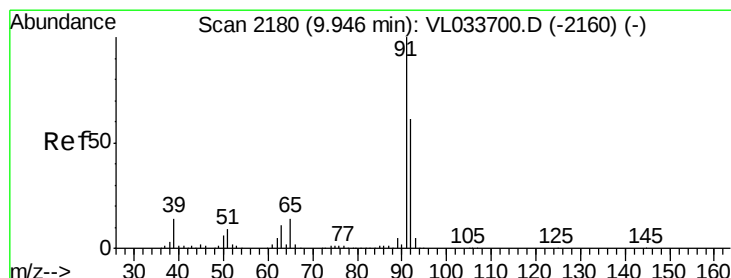
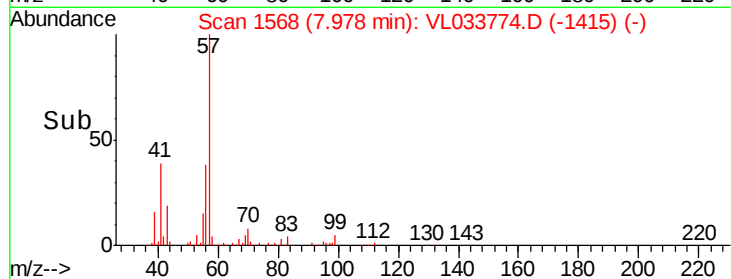
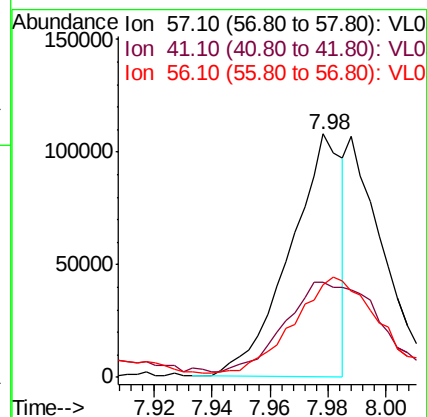
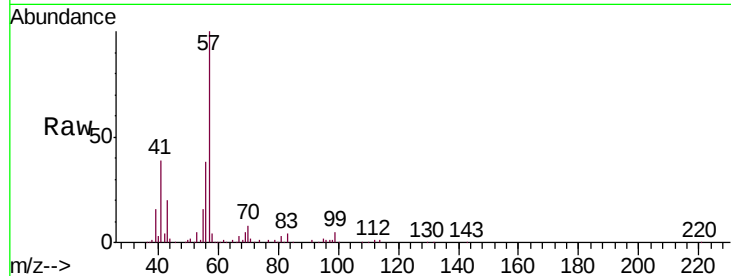




#44
 2,2,4-Trimethylpentane
 Concen: 0.437 ppbv
 RT: 7.98 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: VL033774.D
 Acq: 23 May 2019 15:27

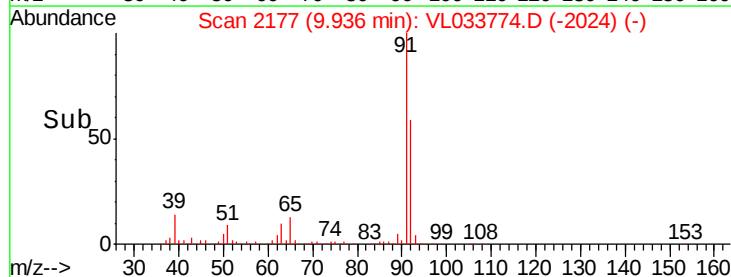
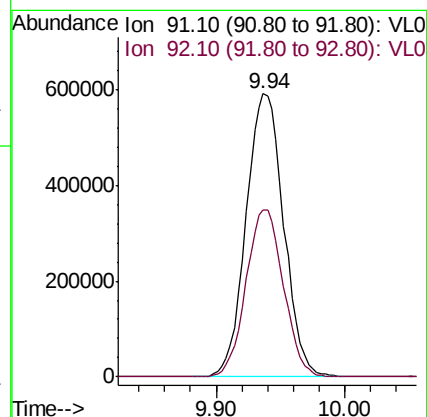
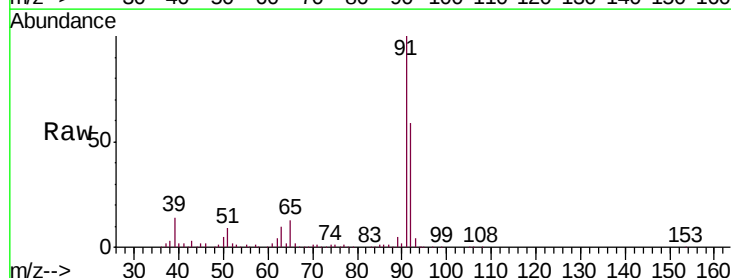
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3002-55DUP

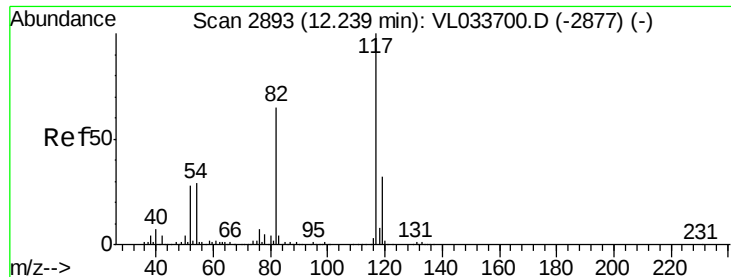
Tgt Ion: 57 Resp: 134851
 Ion Ratio Lower Upper
 57 100
 41 73.6 25.4 38.0#
 56 69.6 24.7 37.1#



#53
 Toluene
 Concen: 6.086 ppbv
 RT: 9.94 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VL033774.D
 Acq: 23 May 2019 15:27

Tgt Ion: 91 Resp: 1197793
 Ion Ratio Lower Upper
 91 100
 92 59.0 47.6 71.4

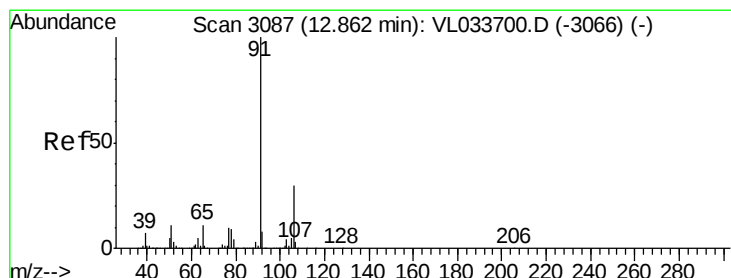
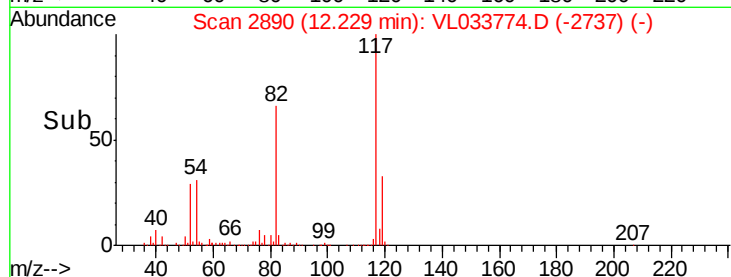
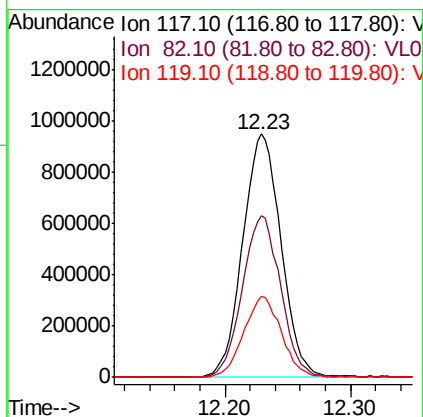
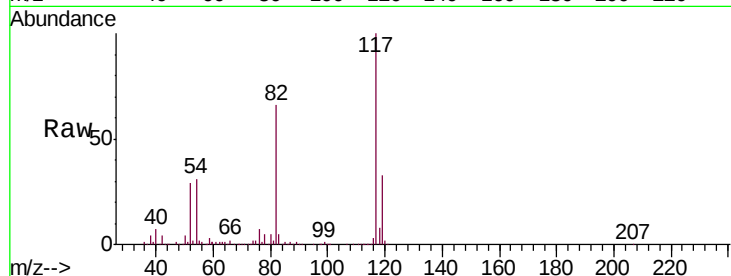




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033774.D
Acq: 23 May 2019 15:27

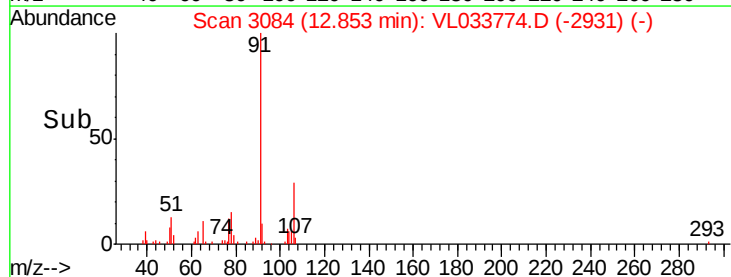
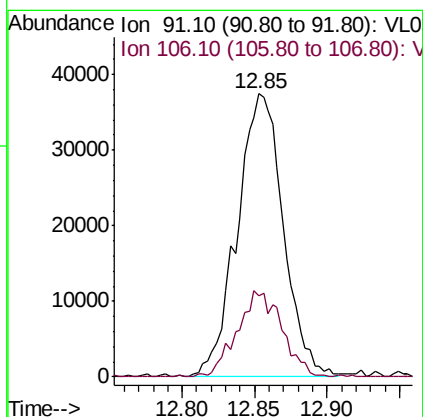
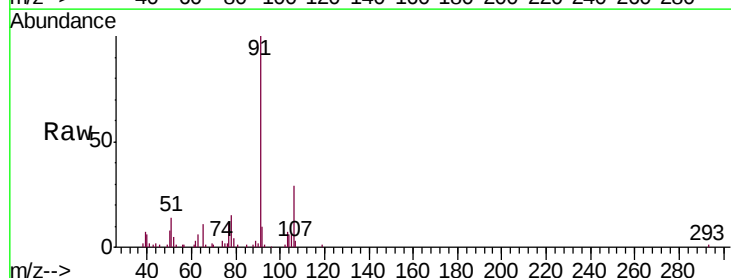
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55DUP

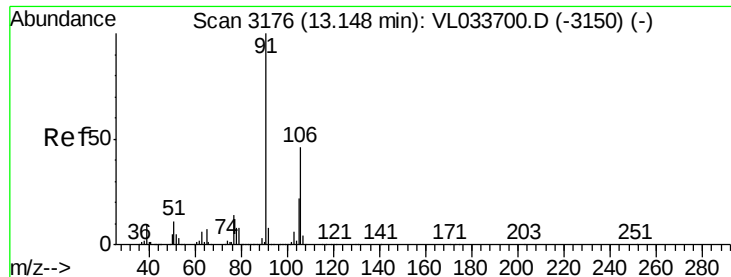
Tgt Ion: 117 Resp: 2016155
Ion Ratio Lower Upper
117 100
82 67.0 49.4 74.0
119 32.6 24.9 37.3



#58
Ethyl Benzene
Concen: 0.310 ppbv
RT: 12.85 min Scan# 3084
Delta R.T. -0.01 min
Lab File: VL033774.D
Acq: 23 May 2019 15:27

Tgt Ion: 91 Resp: 82852
Ion Ratio Lower Upper
91 100
106 31.9 23.9 35.9





#59

m/p-Xylene

Concen: 0.249 ppbv

RT: 13.14 min Scan# 3173

Delta R.T. -0.01 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Instrument :

MSVOA_L

ClientSampleId :

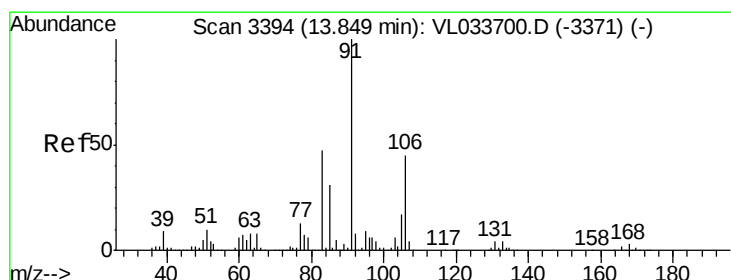
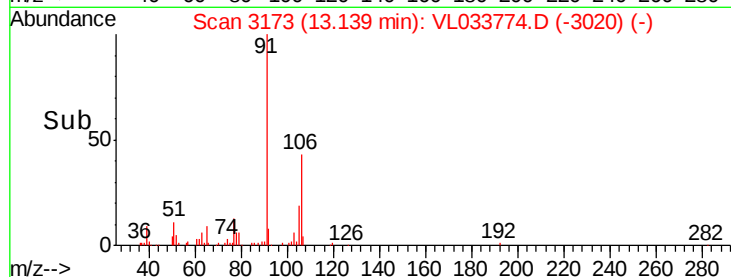
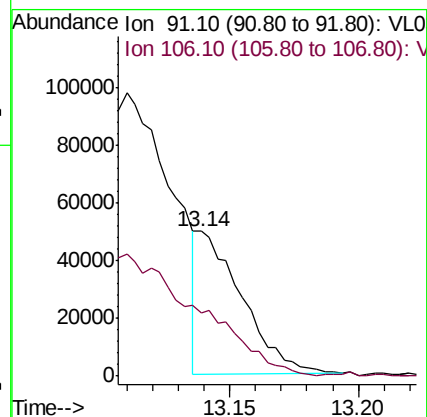
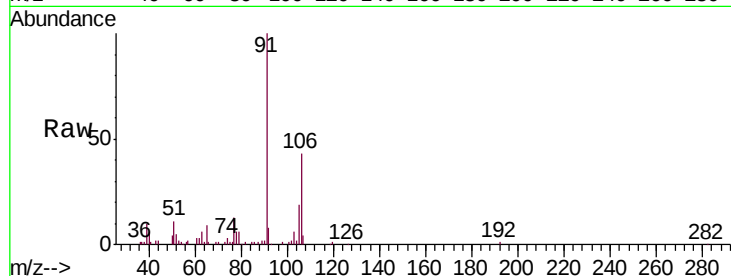
BPS1-SG-3002-55DUP

Tgt Ion: 91 Resp: 58177

Ion Ratio Lower Upper

91 100

106 0.0 35.8 53.6#



#60

o-Xylene

Concen: 0.344 ppbv

RT: 13.84 min Scan# 3390

Delta R.T. -0.01 min

Lab File: VL033774.D

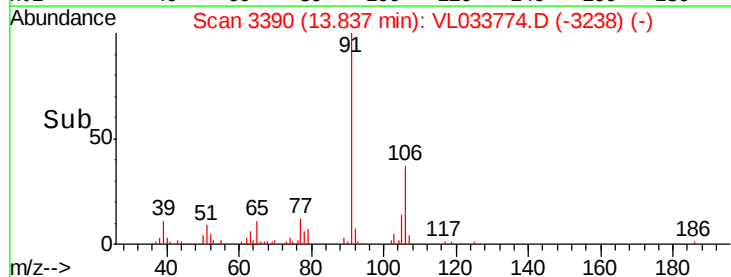
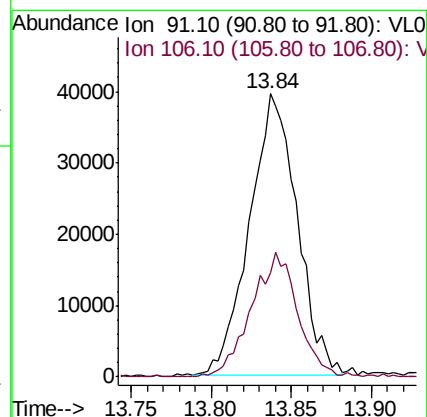
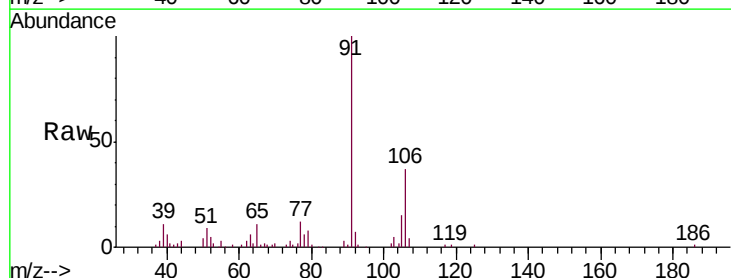
Acq: 23 May 2019 15:27

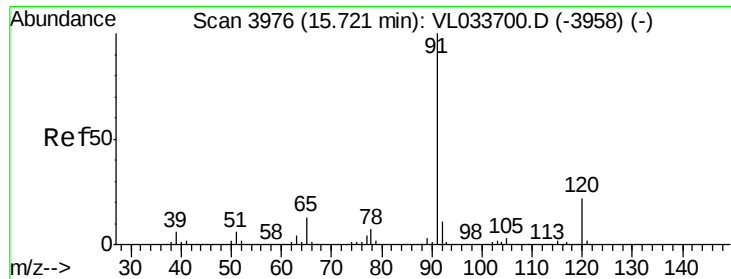
Tgt Ion: 91 Resp: 80892

Ion Ratio Lower Upper

91 100

106 42.9 21.6 64.8





#64

n-propylbenzene

Concen: 0.014 ppbv

RT: 15.70 min Scan# 3971

Delta R.T. -0.02 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

Instrument :

MSVOA_L

ClientSampleId :

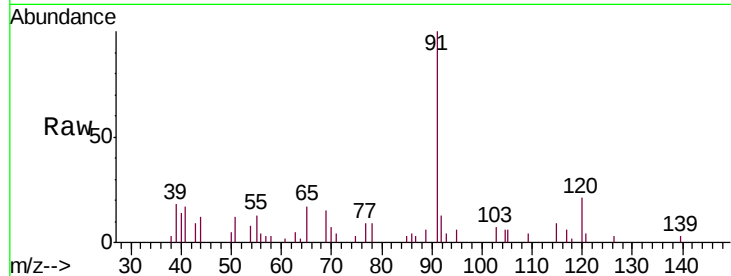
BPS1-SG-3002-55DUP

Tgt Ion:120 Resp: 1170

Ion Ratio Lower Upper

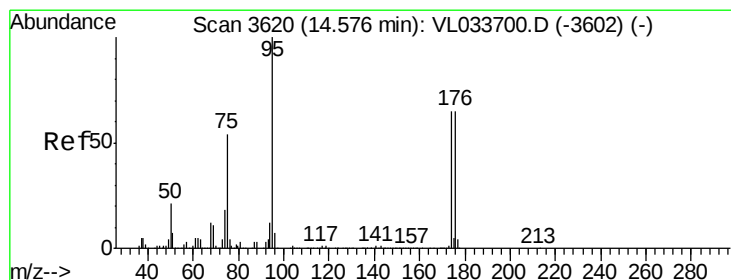
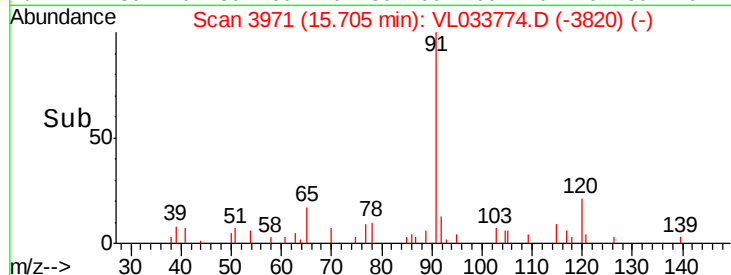
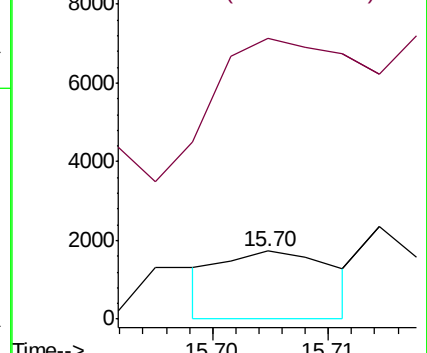
120 100

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



#68

1-Bromo-4-Fluorobenzene

Concen: 10.290 ppbv

RT: 14.57 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

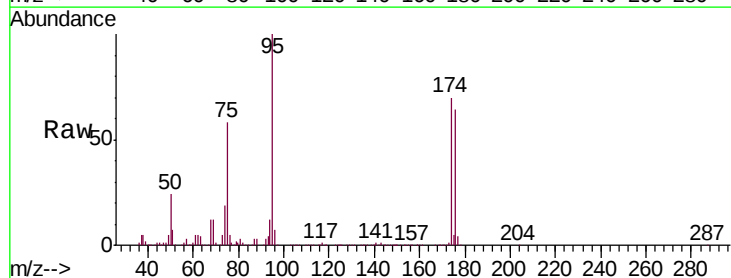
Tgt Ion: 95 Resp: 1681827

Ion Ratio Lower Upper

95 100

174 67.7 53.9 80.9

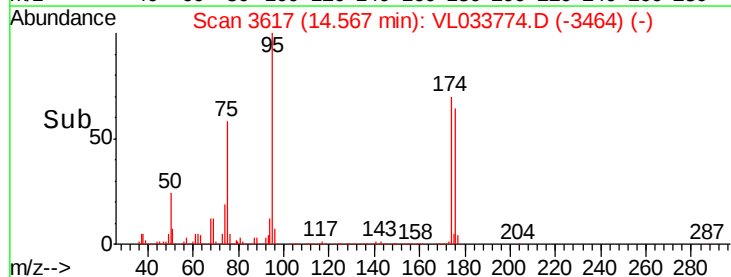
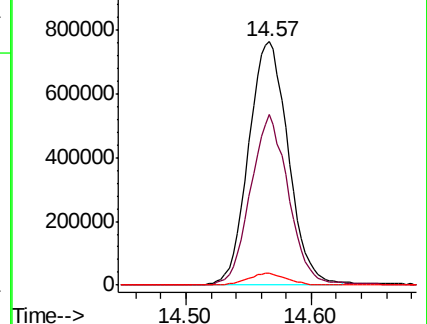
175 4.8 3.8 5.8

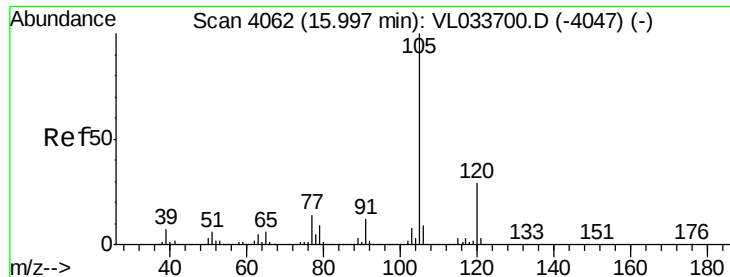


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 0.038 ppbv

RT: 15.98 min Scan# 4058

Delta R.T. -0.01 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

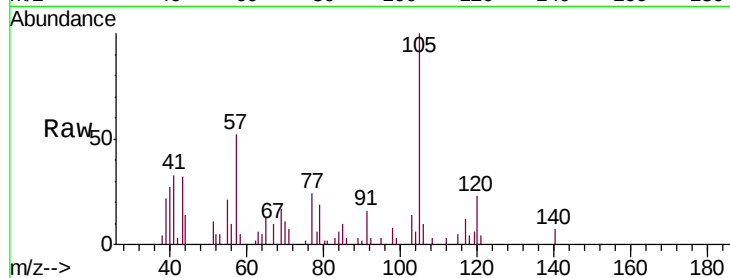
Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3002-55DUP

Tgt Ion:	105	Resp:	10118
Ion	Ratio	Lower	Upper
105	100		
120	37.8	23.1	34.7#
91	0.0	10.4	15.6#
77	46.6	11.0	16.6#



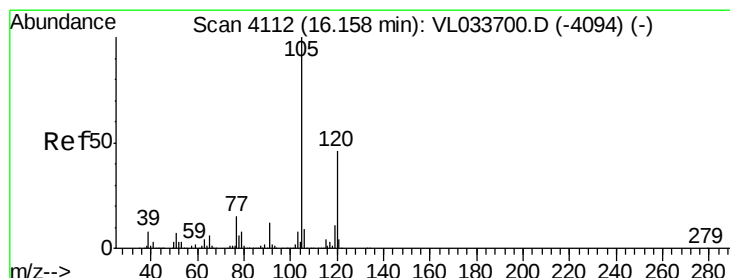
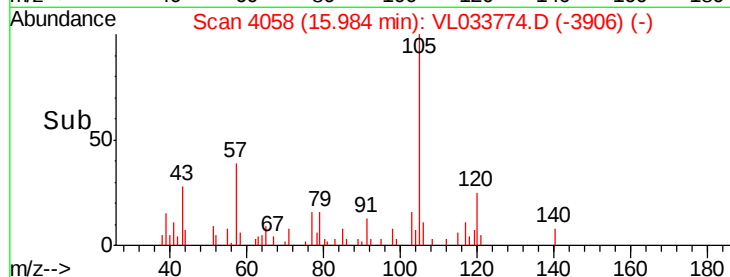
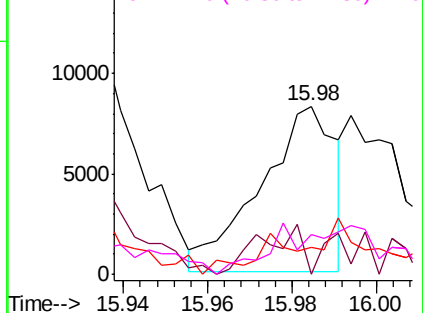
Abundance

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: 0.026 ppbv

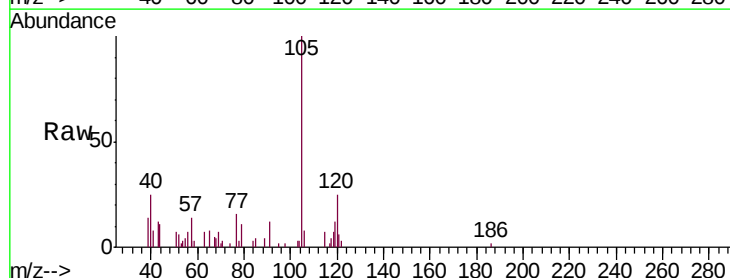
RT: 16.15 min Scan# 4108

Delta R.T. -0.01 min

Lab File: VL033774.D

Acq: 23 May 2019 15:27

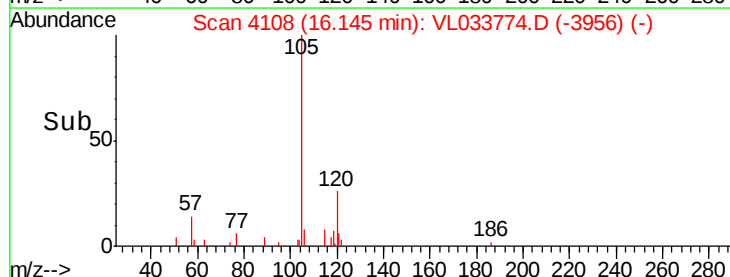
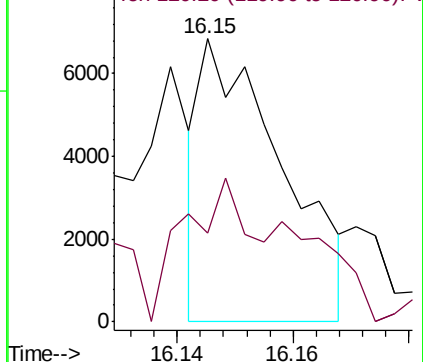
Tgt Ion:	105	Resp:	6700
Ion	Ratio	Lower	Upper
105	100		
120	9.9	37.0	55.4#

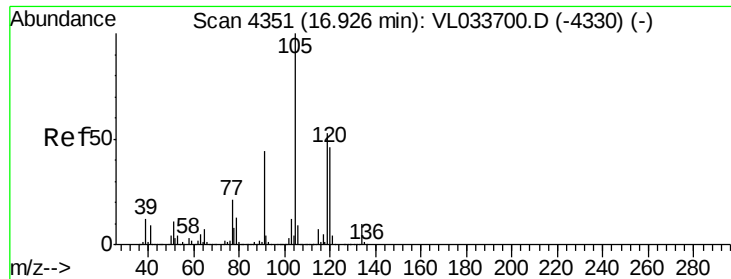


Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74
 1,2,4-Trimethylbenzene
 Concen: 0.082 ppbv
 RT: 16.91 min Scan# 4345
 Delta R.T. -0.02 min
 Lab File: VL033774.D
 Acq: 23 May 2019 15:27

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

Tgt Ion:	105	Resp:	23344
Ion	Ratio	Lower	Upper
105	100		
120	43.1	36.8	55.2
91	9.7	35.4	53.0#
77	10.8	16.8	25.2#

