

Data File : VL032820.D
Acq On : 27 Nov 2018 23:27
Operator : SY/AP
Sample : J6046-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-05

Quant Time: Nov 28 03:18:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1290211	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3297283	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2981054	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2222269	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

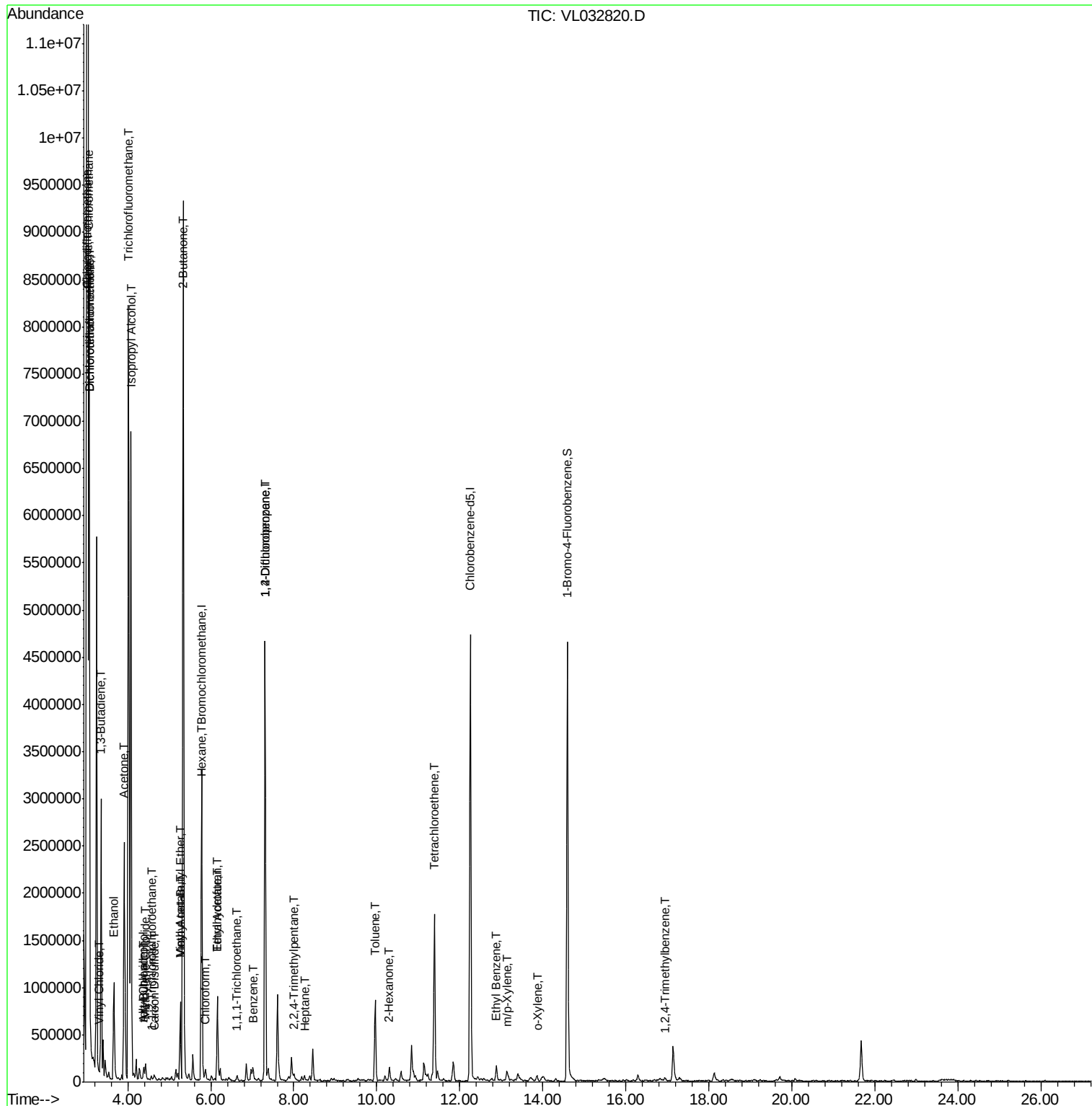
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.08	85	314831	1.698	ppbv	98
3) Chlorodifluoromethane	3.01	51	27831716	272.090	ppbv #	46
4) Chloromethane	3.07	50	132454	2.335	ppbv	89
5) Vinyl Chloride	3.30	62	2623	0.044	ppbv #	75
8) Dichlorotetrafluoroethane	3.08	85	314831	2.154	ppbv #	18
9) Propene	3.05	41	628462	15.353	ppbv	99
10) Heptane	8.25	43	17263	0.110	ppbv #	83
11) Trichlorofluoromethane	4.02	101	5469395	31.293	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.57	101	10763	0.075	ppbv #	63
13) Ethanol	3.66	45	1128283	84.153	ppbv	98
15) Acetone	3.91	43	2551299	21.653	ppbv #	51
16) 1,3-Butadiene	3.35	39	715163	15.673	ppbv #	13
17) tert-Butyl alcohol	4.38	59	37470	1.014	ppbv #	73
19) Isopropyl Alcohol	4.08	45	885665	11.283	ppbv #	95
20) Methylene Chloride	4.42	84	30458	0.499	ppbv #	95
21) Allyl Chloride	4.39	41	11879	0.120	ppbv #	19
23) Vinyl Acetate	5.26	43	237628	1.106	ppbv #	11
25) Ethyl Acetate	6.16	43	109105	0.397	ppbv #	77
26) Hexane	5.80	57	74726	0.611	ppbv #	1
27) Carbon Disulfide	4.63	76	28892	0.186	ppbv #	92
28) Methyl tert-Butyl Ether	5.26	73	5879	0.030	ppbv #	1
29) Chloroform	5.86	83	38176	0.175	ppbv	90
32) 1,1,1-Trichloroethane	6.63	97	31301	0.131	ppbv	96
34) 2-Butanone	5.34	43	10556952	61.730	ppbv	94
36) Benzene	7.02	78	96439	0.367	ppbv	96
39) 1,2-Dichloropropane	7.31	63	804048	8.037	ppbv #	24
41) Tetrahydrofuran	6.16	42	458961	4.679	ppbv	100
44) 2,2,4-Trimethylpentane	8.00	57	36843	0.084	ppbv #	38
51) 2-Hexanone	10.30	43	114410	0.665	ppbv #	96
52) Tetrachloroethene	11.39	164	431741	4.727	ppbv	94
53) Toluene	9.96	91	624876	2.281	ppbv	98
58) Ethyl Benzene	12.88	91	20844	0.058	ppbv	99
59) m/p-Xylene	13.14	91	39557	0.124	ppbv #	1
60) o-Xylene	13.86	91	31028	0.097	ppbv	95
74) 1,2,4-Trimethylbenzene	16.94	105	12932	0.035	ppbv #	63

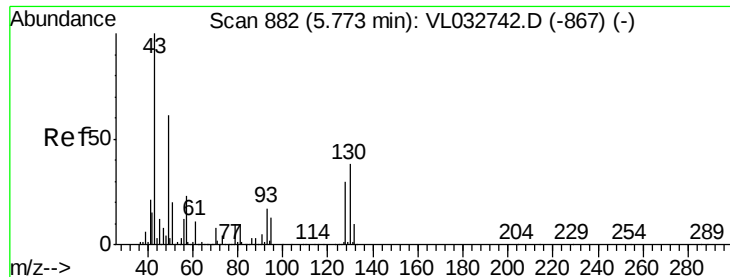
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 883

Delta R.T. 0.00 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-05

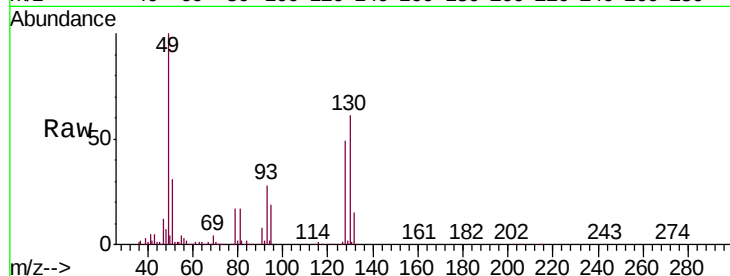
Tgt Ion: 49 Resp: 1290211

Ion Ratio Lower Upper

49 100

128 52.9 24.9 74.6

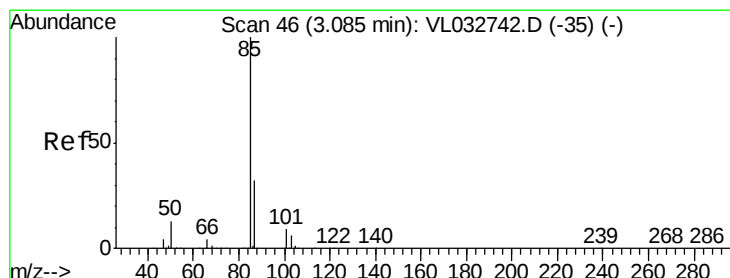
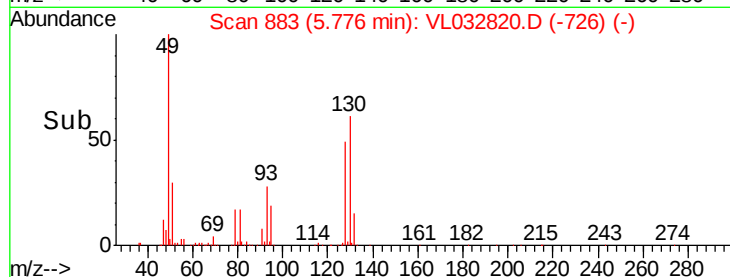
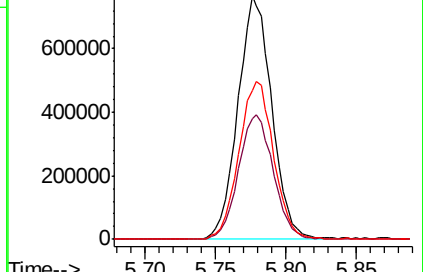
130 66.8 31.4 94.2



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: 1.698 ppbv

RT: 3.08 min Scan# 46

Delta R.T. 0.00 min

Lab File: VL032820.D

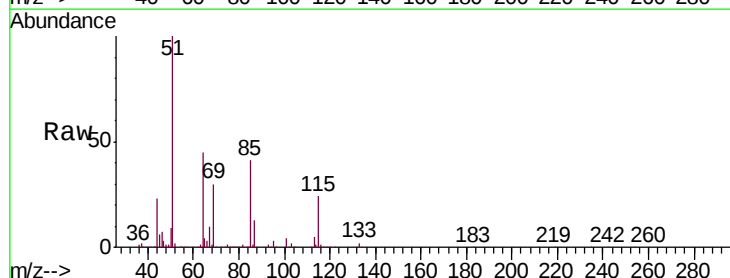
Acq: 27 Nov 2018 23:27

Tgt Ion: 85 Resp: 314831

Ion Ratio Lower Upper

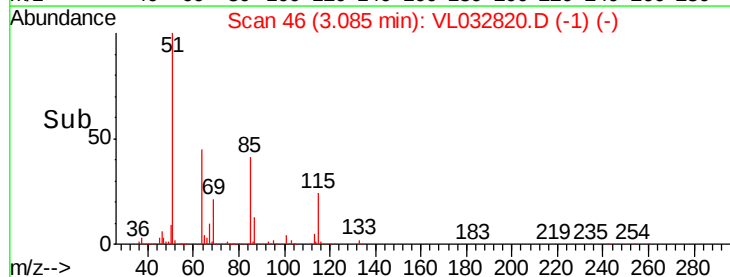
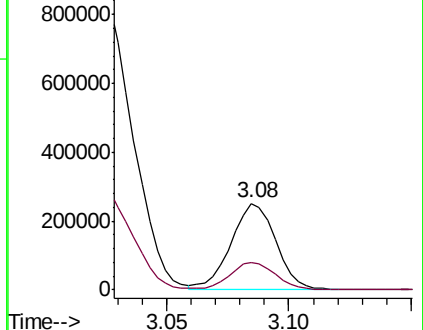
85 100

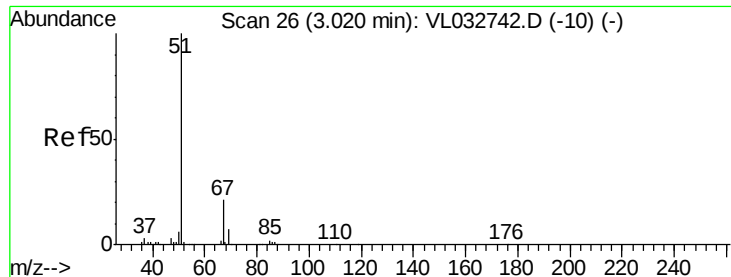
87 31.5 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 272.090 ppbv

RT: 3.01 min Scan# 23

Delta R.T. -0.01 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

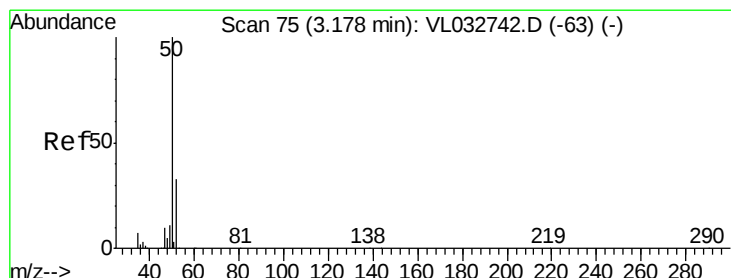
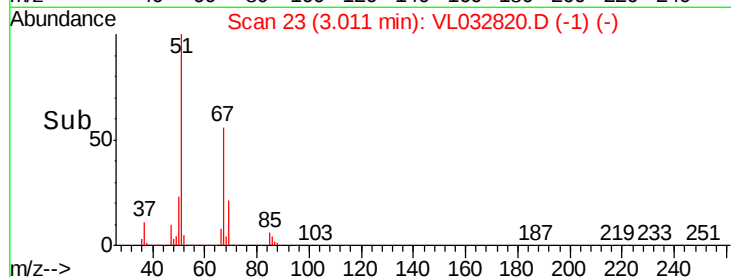
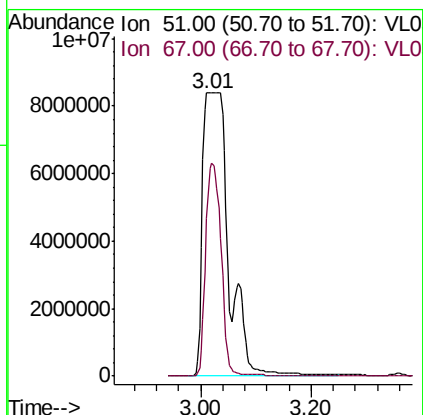
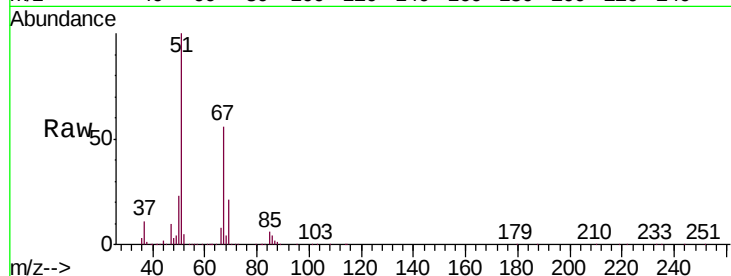
EP2-SV-05

Tgt Ion: 51 Resp: 27831716

Ion Ratio Lower Upper

51 100

67 44.7 16.1 24.1#



#4

Chloromethane

Concen: 2.335 ppbv

RT: 3.07 min Scan# 41

Delta R.T. -0.11 min

Lab File: VL032820.D

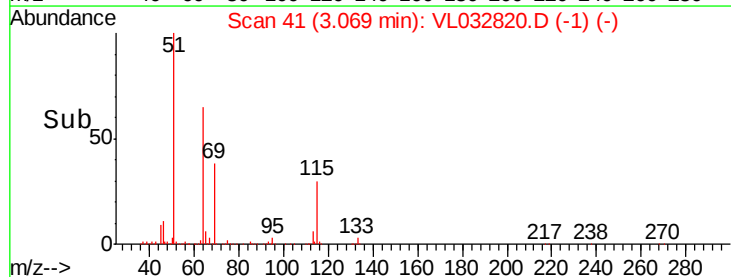
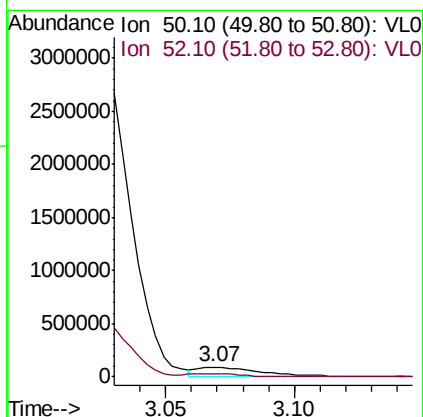
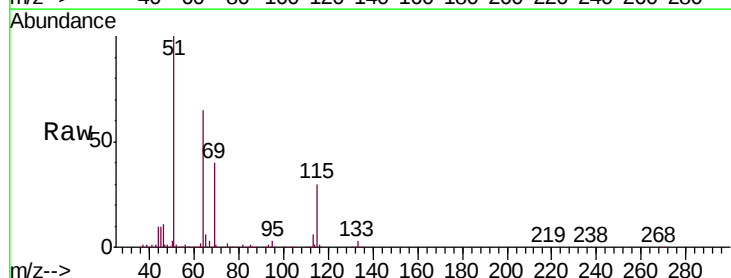
Acq: 27 Nov 2018 23:27

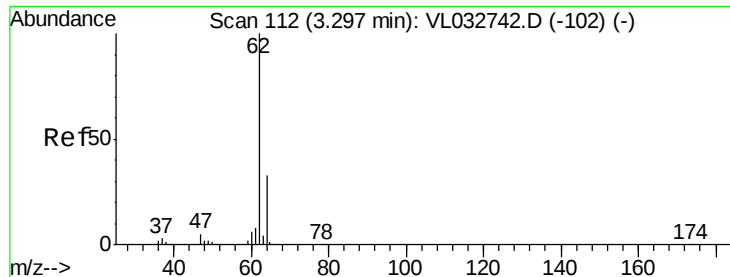
Tgt Ion: 50 Resp: 132454

Ion Ratio Lower Upper

50 100

52 39.8 26.6 40.0





#5

Vinyl Chloride

Concen: 0.044 ppbv

RT: 3.30 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

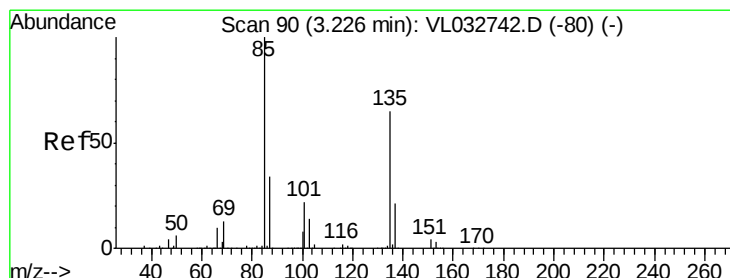
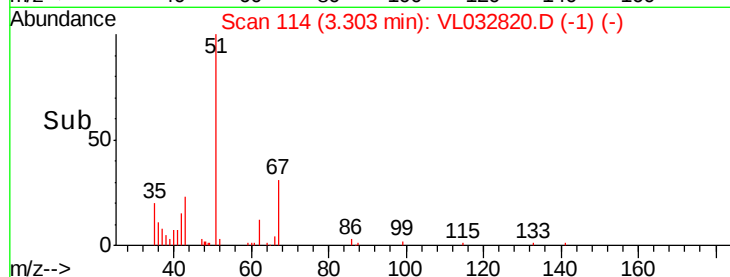
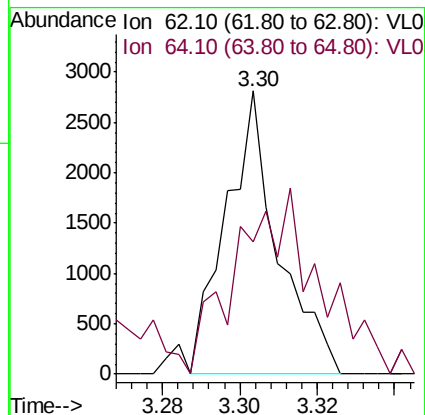
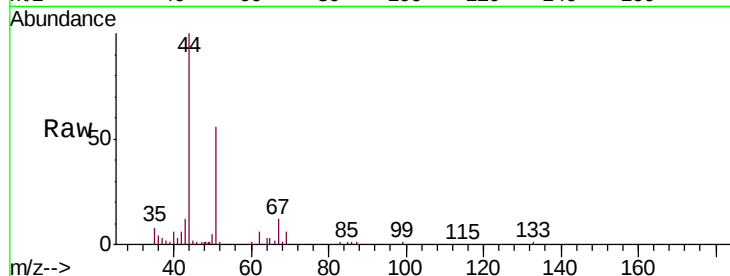
EP2-SV-05

Tgt Ion: 62 Resp: 2623

Ion Ratio Lower Upper

62 100

64 46.7 26.2 39.4#



#8

Dichlorotetrafluoroethane

Concen: 2.154 ppbv

RT: 3.08 min Scan# 46

Delta R.T. -0.14 min

Lab File: VL032820.D

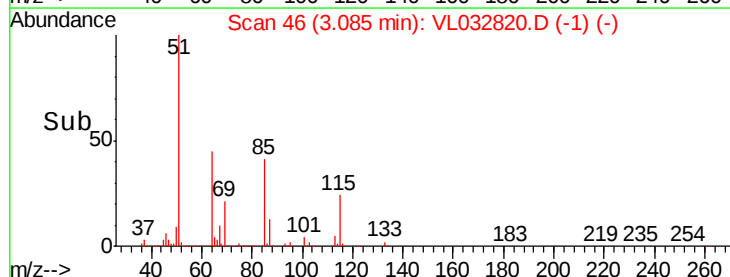
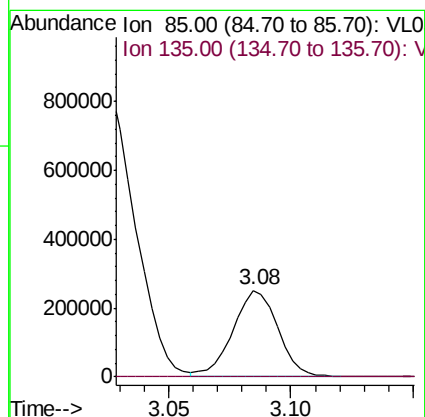
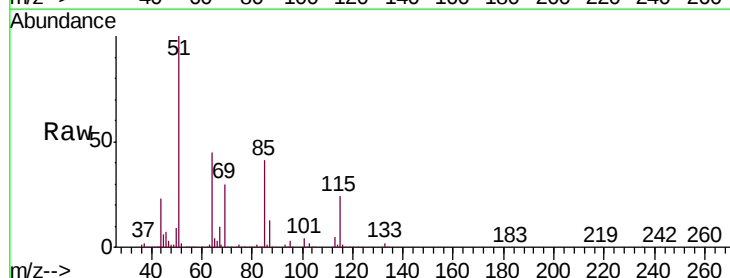
Acq: 27 Nov 2018 23:27

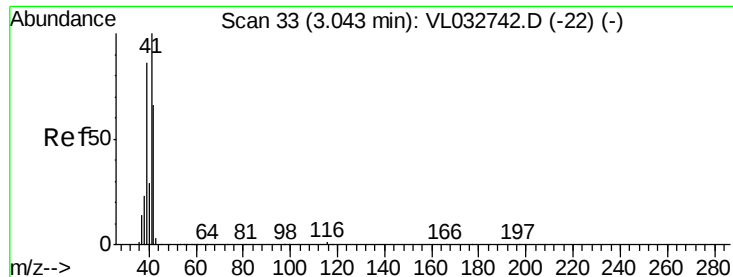
Tgt Ion: 85 Resp: 314831

Ion Ratio Lower Upper

85 100

135 1.1 53.8 80.8#





#9

Propene

Concen: 15.353 ppbv

RT: 3.05 min Scan# 34

Delta R.T. 0.00 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

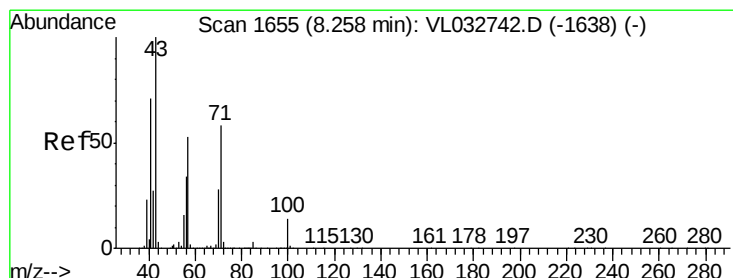
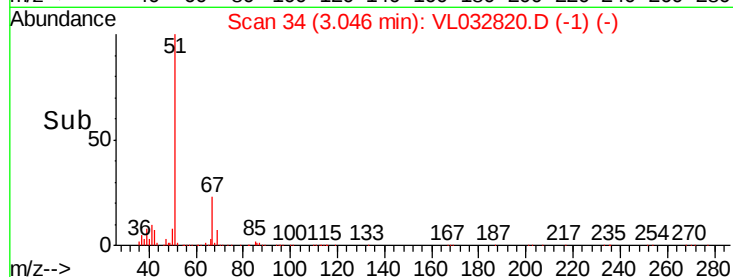
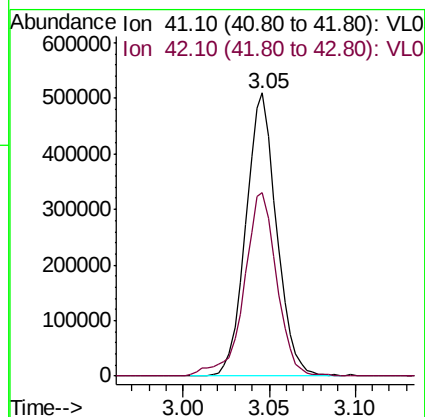
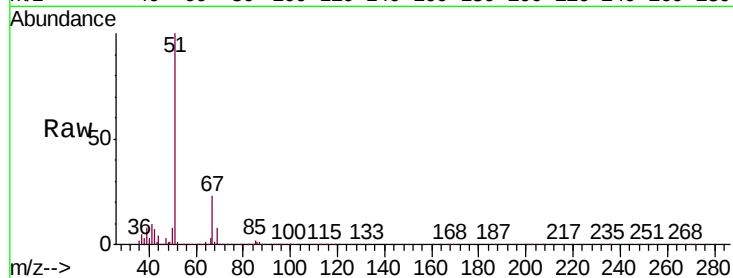
EP2-SV-05

Tgt Ion: 41 Resp: 628462

Ion Ratio Lower Upper

41 100

42 69.6 55.0 82.6



#10

Heptane

Concen: 0.110 ppbv

RT: 8.25 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VL032820.D

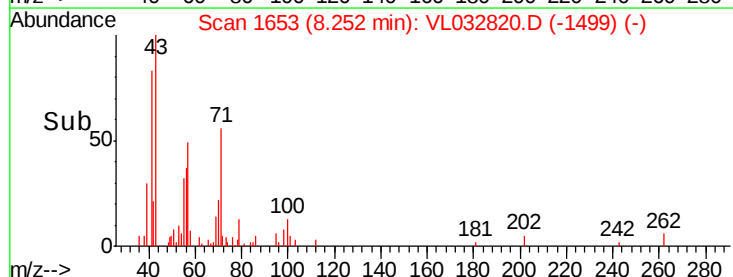
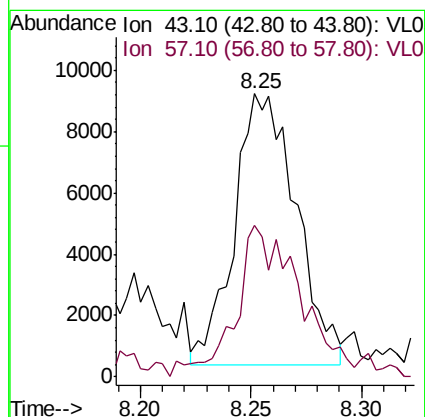
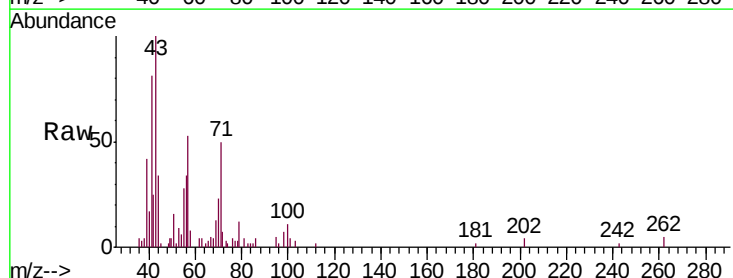
Acq: 27 Nov 2018 23:27

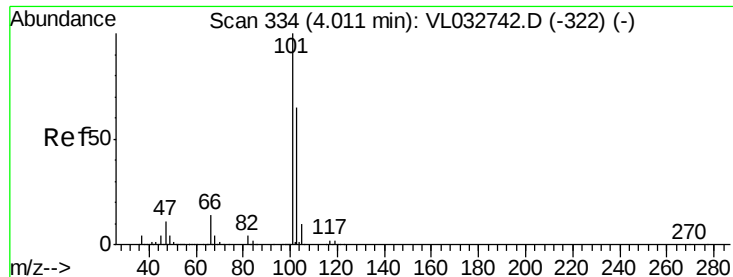
Tgt Ion: 43 Resp: 17263

Ion Ratio Lower Upper

43 100

57 64.3 41.8 62.8#

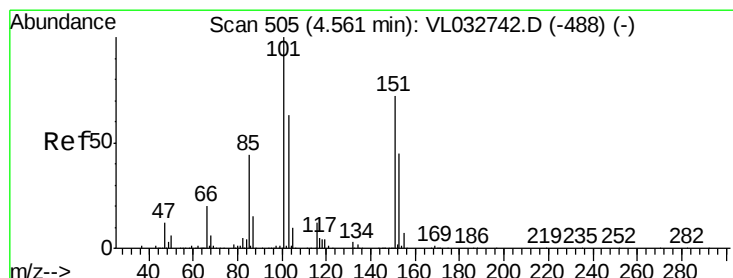
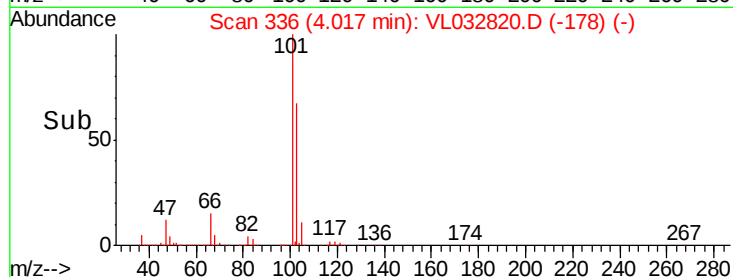
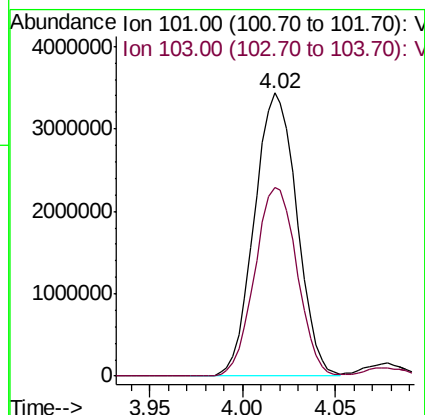
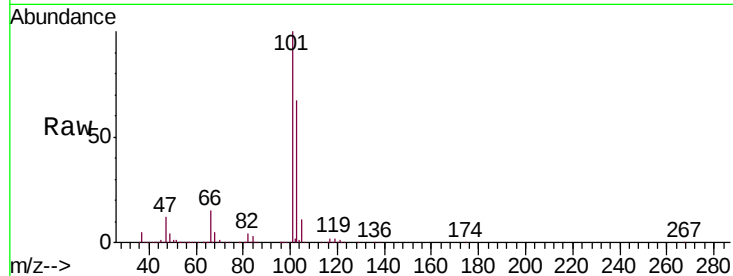




#11
 Trichlorofluoromethane
 Concen: 31.293 ppbv
 RT: 4.02 min Scan# 336
 Delta R.T. 0.01 min
 Lab File: VL032820.D
 Acq: 27 Nov 2018 23:27

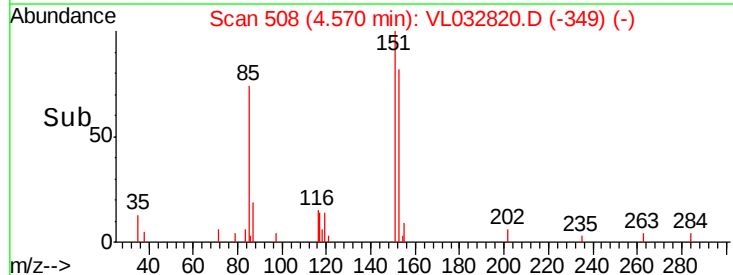
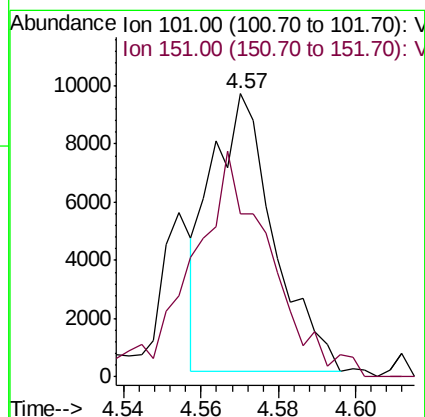
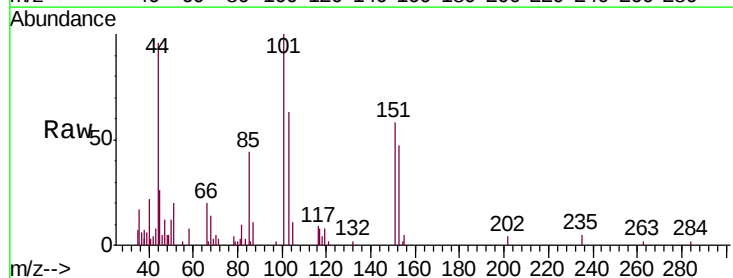
Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-SV-05

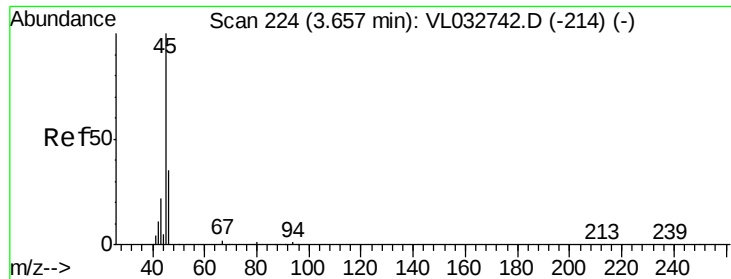
Tgt Ion:101 Resp: 5469395
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.075 ppbv
 RT: 4.57 min Scan# 508
 Delta R.T. 0.01 min
 Lab File: VL032820.D
 Acq: 27 Nov 2018 23:27

Tgt Ion:101 Resp: 10763
 Ion Ratio Lower Upper
 101 100
 151 101.5 56.7 85.1#





#13

Ethanol

Concen: 84.153 ppbv

RT: 3.66 min Scan# 226

Delta R.T. 0.01 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

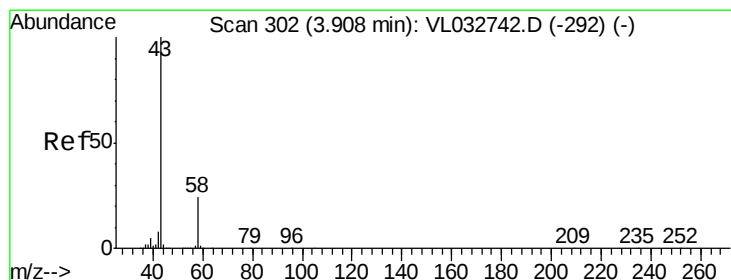
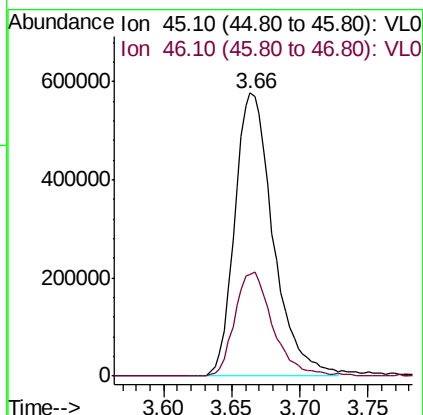
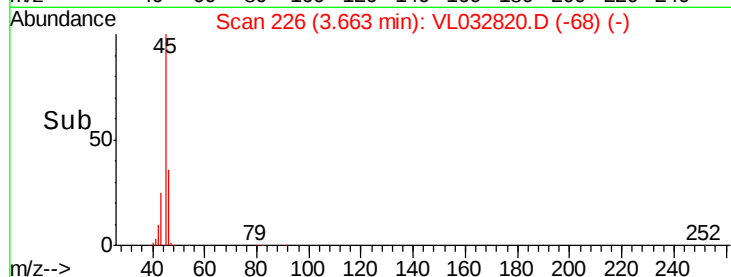
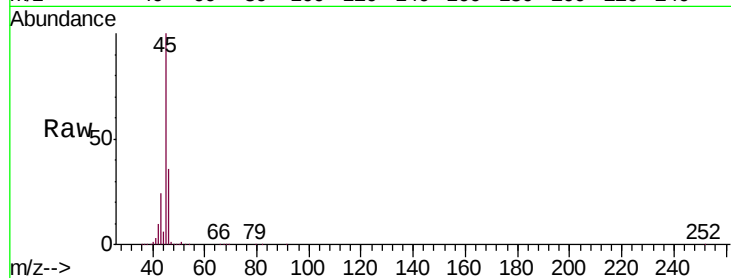
EP2-SV-05

Tgt Ion: 45 Resp: 1128283

Ion Ratio Lower Upper

45 100

46 37.2 14.5 57.9



#15

Acetone

Concen: 21.653 ppbv

RT: 3.91 min Scan# 302

Delta R.T. 0.00 min

Lab File: VL032820.D

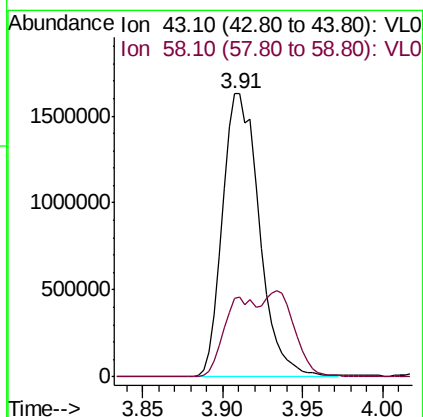
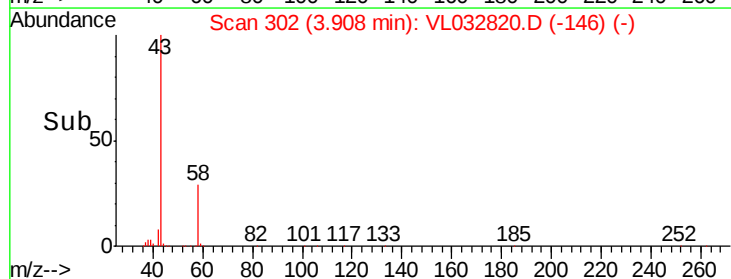
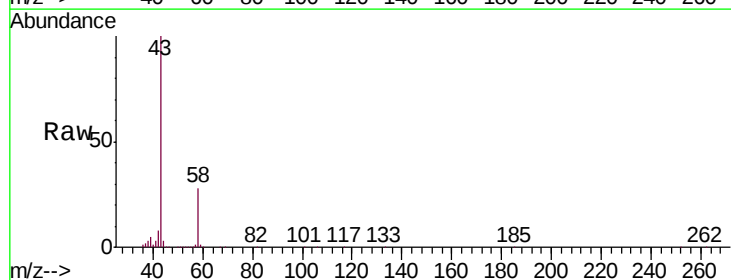
Acq: 27 Nov 2018 23:27

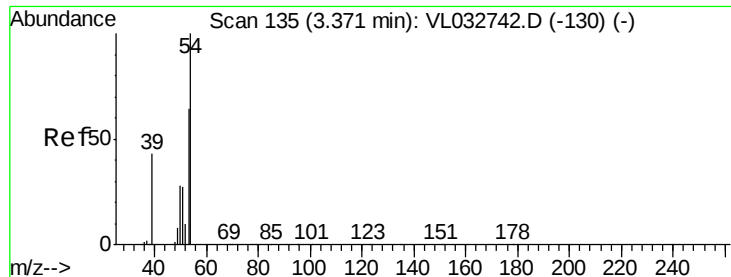
Tgt Ion: 43 Resp: 2551299

Ion Ratio Lower Upper

43 100

58 51.6 21.1 31.7#

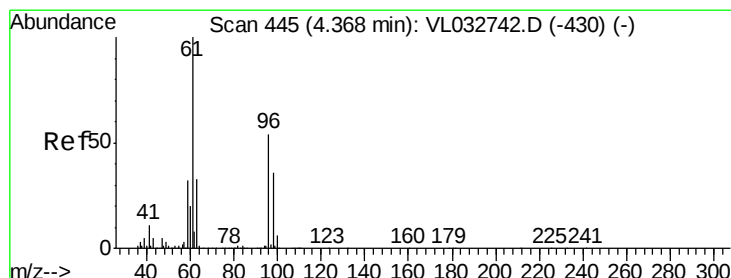
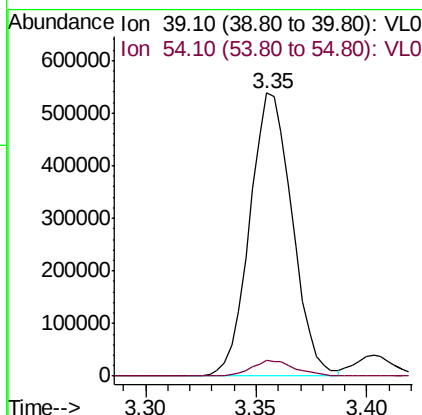
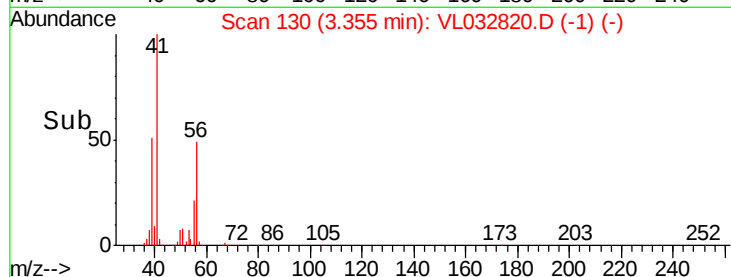
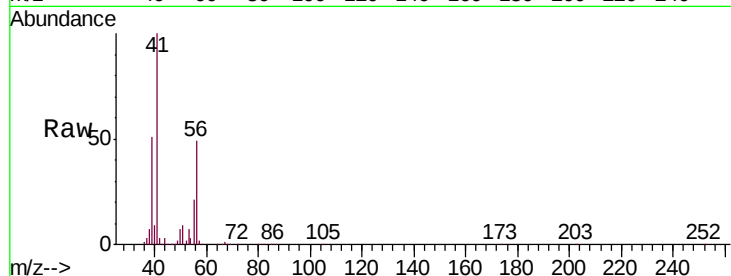




#16
1,3-Butadiene
Concen: 15.673 ppbv
RT: 3.35 min Scan# 130
Delta R.T. -0.02 min
Lab File: VL032820.D
Acq: 27 Nov 2018 23:27

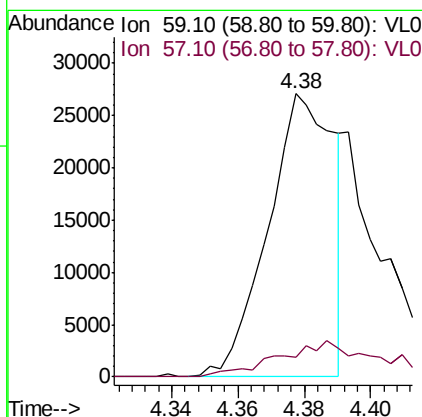
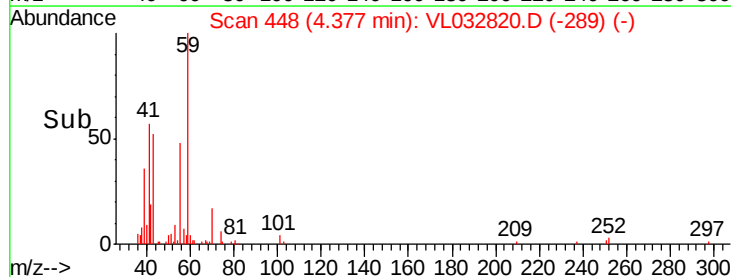
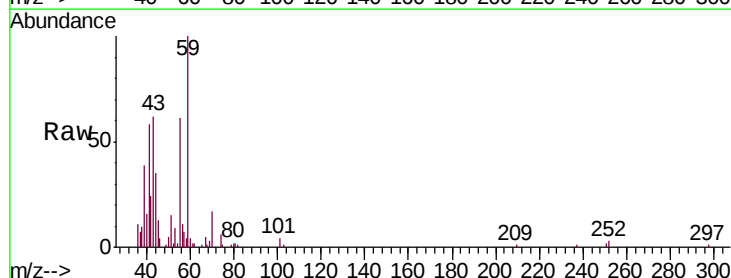
Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-05

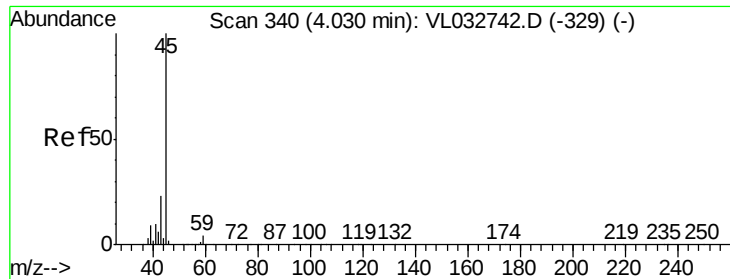
Tgt Ion: 39 Resp: 715163
Ion Ratio Lower Upper
39 100
54 5.8 68.9 103.3#



#17
tert-Butyl alcohol
Concen: 1.014 ppbv
RT: 4.38 min Scan# 448
Delta R.T. 0.01 min
Lab File: VL032820.D
Acq: 27 Nov 2018 23:27

Tgt Ion: 59 Resp: 37470
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#19

Isopropyl Alcohol

Concen: 11.283 ppbv

RT: 4.08 min Scan# 354

Delta R.T. 0.05 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

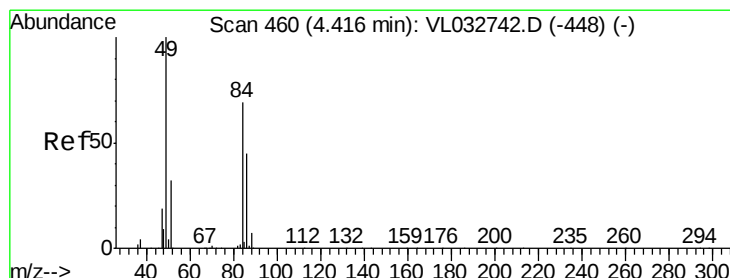
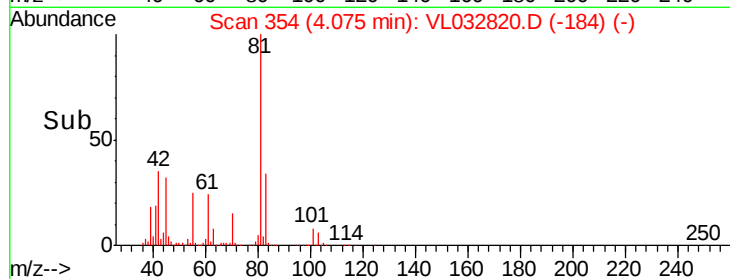
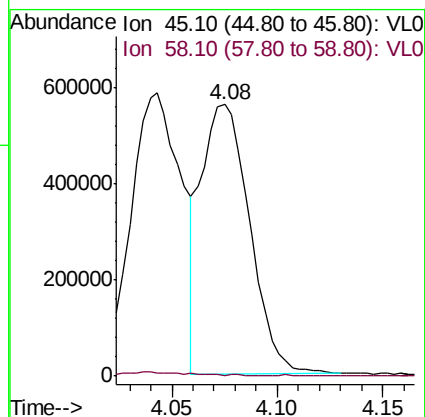
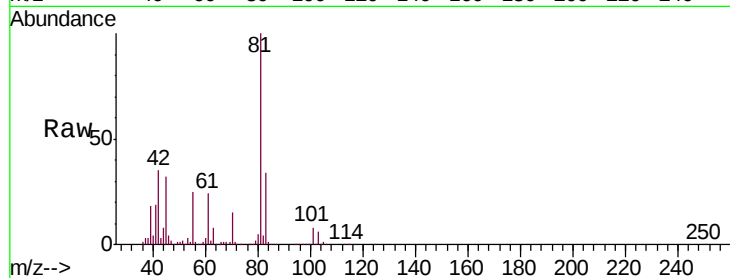
EP2-SV-05

Tgt Ion: 45 Resp: 885665

Ion Ratio Lower Upper

45 100

58 0.0 1.4 2.0#



#20

Methylene Chloride

Concen: 0.499 ppbv

RT: 4.42 min Scan# 462

Delta R.T. 0.01 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Tgt Ion: 84 Resp: 30458

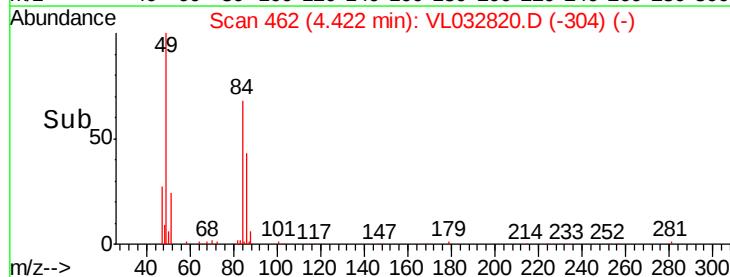
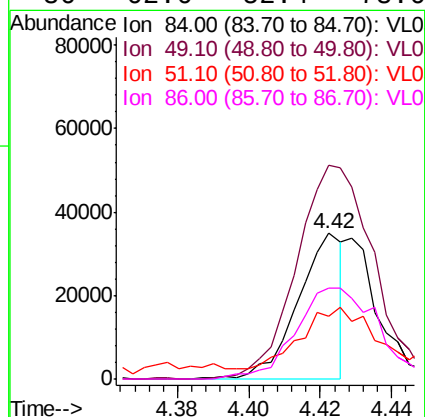
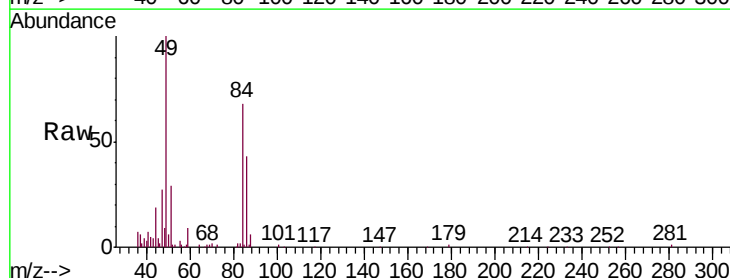
Ion Ratio Lower Upper

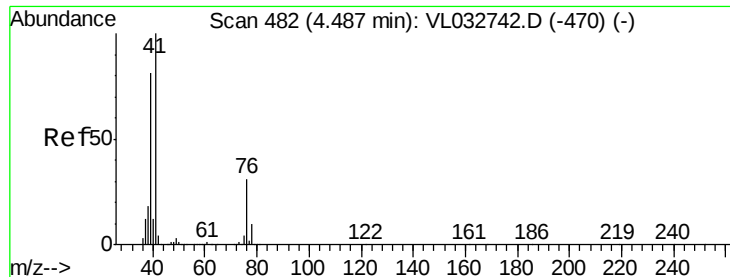
84 100

49 146.9 115.8 173.6

51 34.2 36.9 55.3#

86 62.6 52.4 78.6

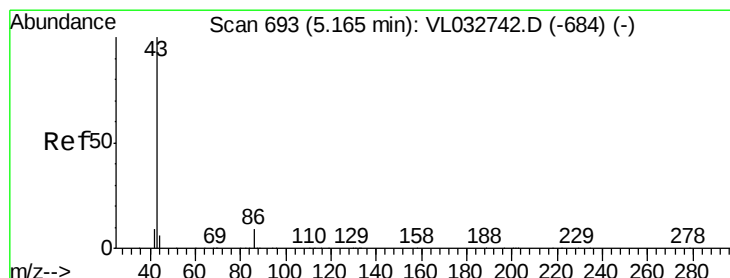
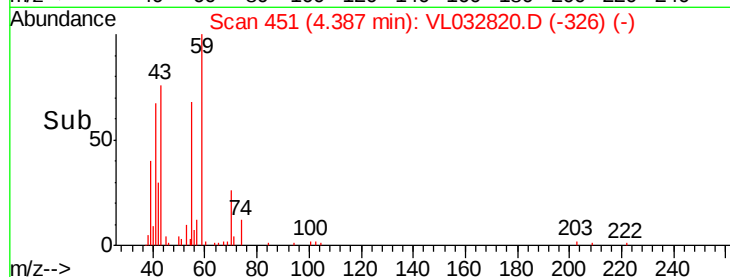
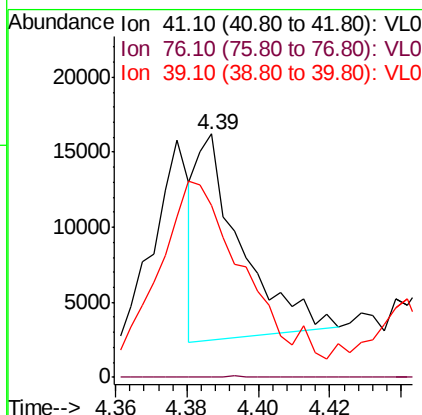
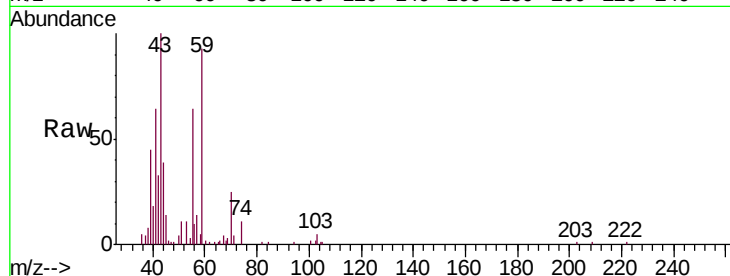




#21
 Allyl Chloride
 Concen: 0.120 ppbv
 RT: 4.39 min Scan# 451
 Delta R.T. -0.10 min
 Lab File: VL032820.D
 Acq: 27 Nov 2018 23:27

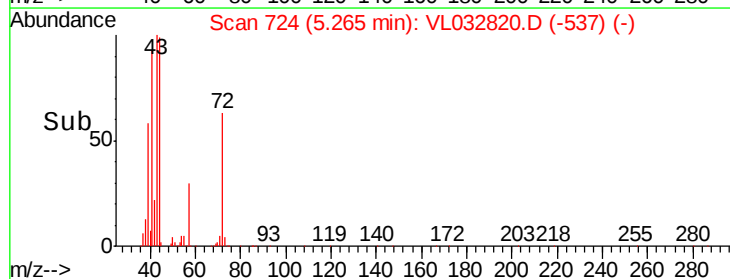
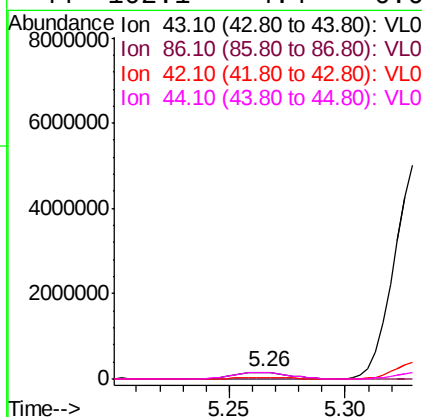
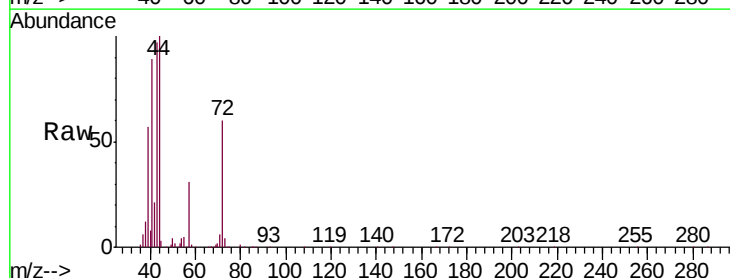
Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-SV-05

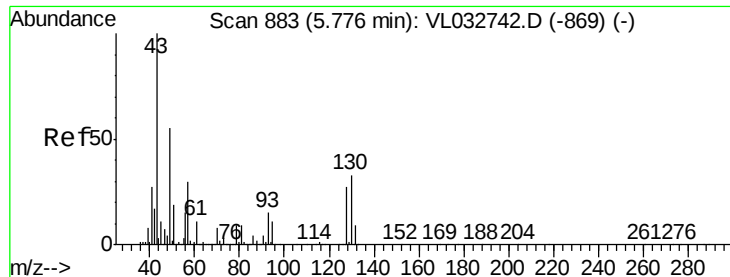
Tgt Ion: 41 Resp: 11879
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.4 36.6#
 39 0.0 63.5 95.3#



#23
 Vinyl Acetate
 Concen: 1.106 ppbv
 RT: 5.26 min Scan# 724
 Delta R.T. 0.10 min
 Lab File: VL032820.D
 Acq: 27 Nov 2018 23:27

Tgt Ion: 43 Resp: 237628
 Ion Ratio Lower Upper
 43 100
 86 0.6 6.2 9.4#
 42 21.3 7.8 11.6#
 44 102.1 4.4 6.6#





#25

Ethyl Acetate

Concen: 0.397 ppbv

RT: 6.16 min Scan# 1002

Delta R.T. 0.38 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-05

Tgt Ion: 43 Resp: 109105

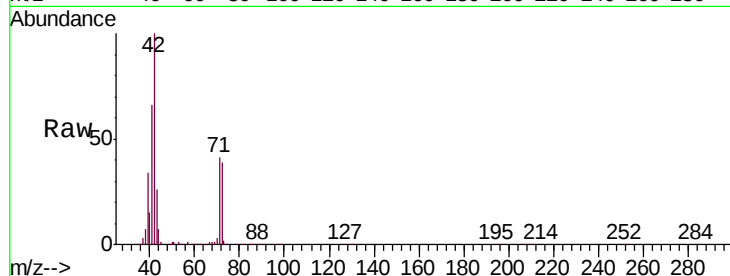
Ion Ratio Lower Upper

43 100

45 7.0 7.9 11.9#

61 0.0 7.8 11.6#

70 20.3 5.8 8.6#

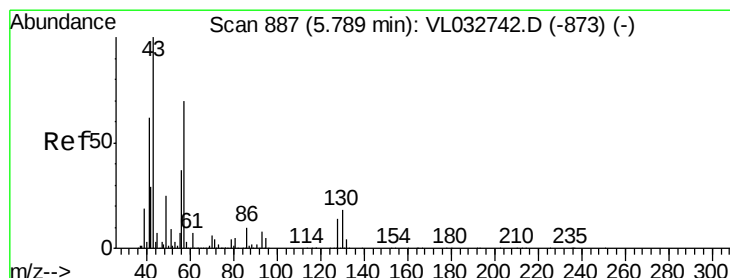
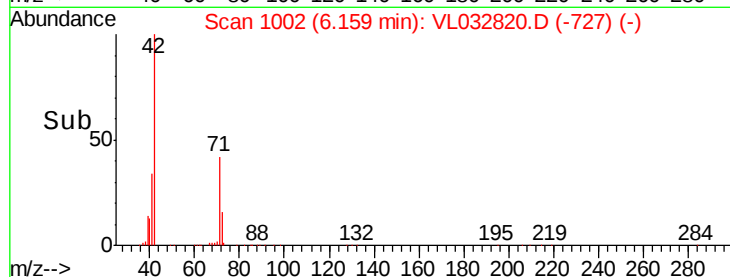
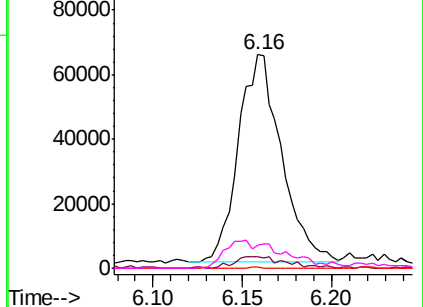


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 0.611 ppbv

RT: 5.80 min Scan# 889

Delta R.T. 0.01 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Tgt Ion: 57 Resp: 74726

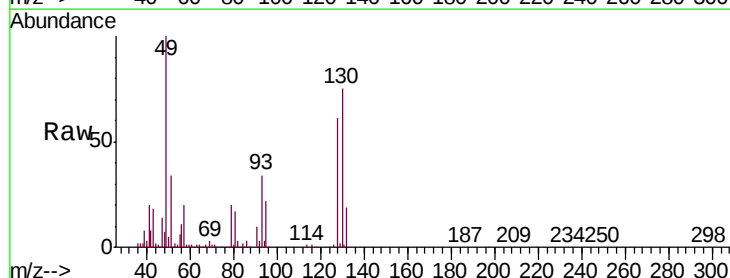
Ion Ratio Lower Upper

57 100

41 183.2 70.3 105.5#

43 0.0 174.0 261.0#

56 86.5 42.3 63.5#

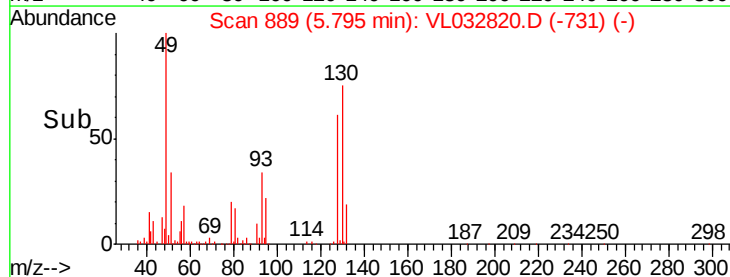
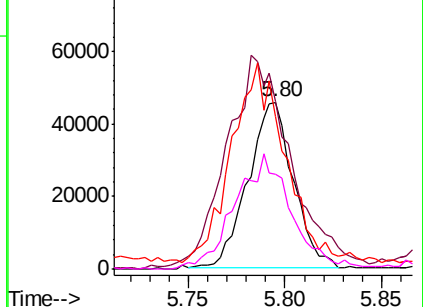


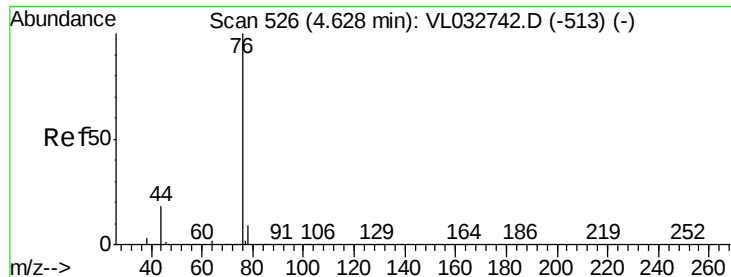
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 0.186 ppbv

RT: 4.63 min Scan# 528

Delta R.T. 0.01 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-05

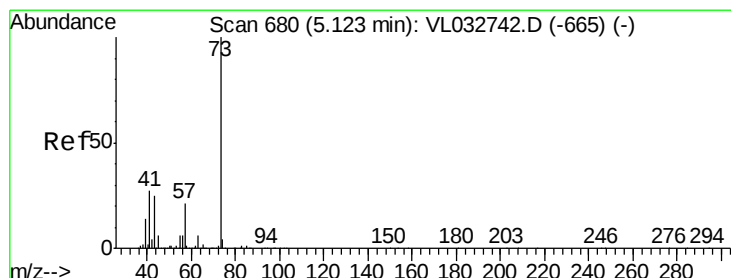
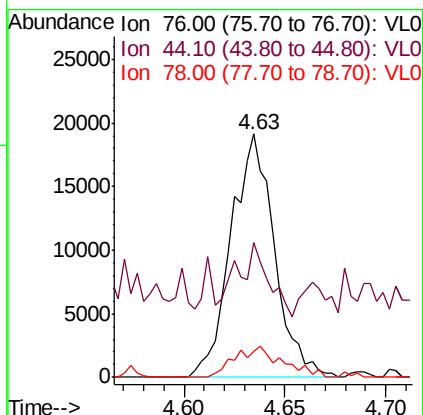
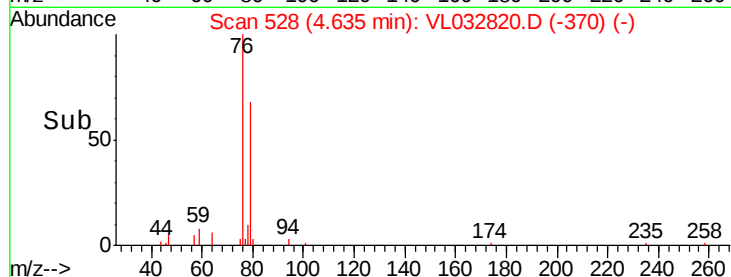
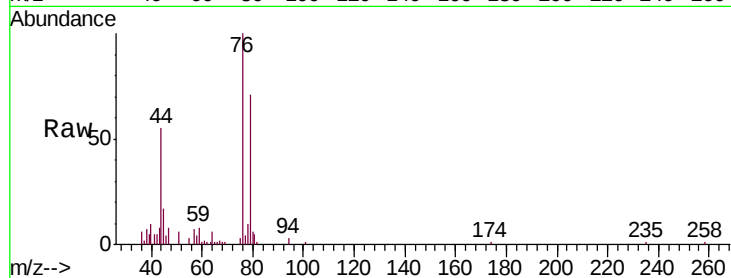
Tgt Ion: 76 Resp: 28892

Ion Ratio Lower Upper

76 100

44 20.0 14.4 21.6

78 14.6 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.030 ppbv

RT: 5.26 min Scan# 724

Delta R.T. 0.14 min

Lab File: VL032820.D

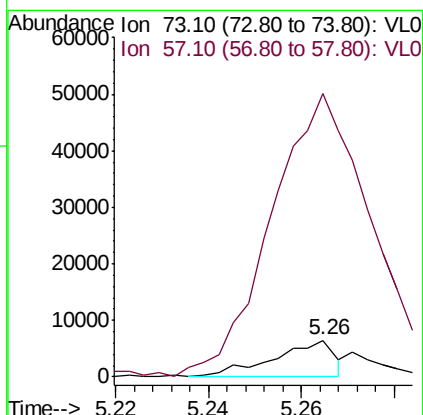
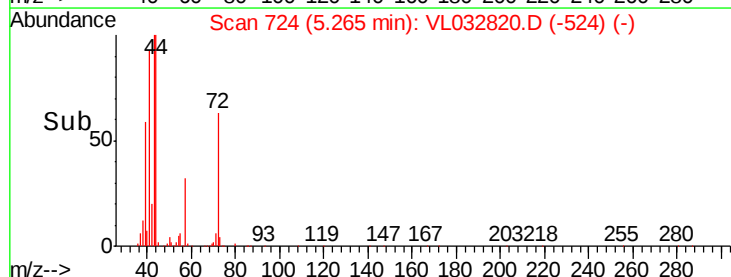
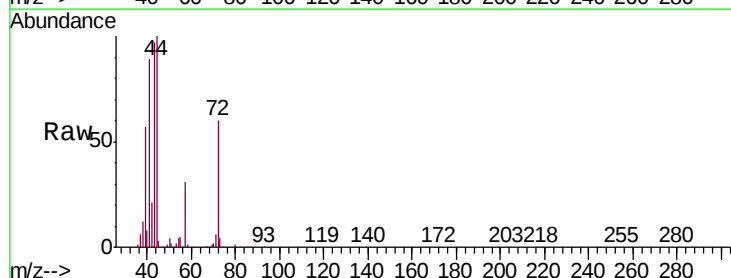
Acq: 27 Nov 2018 23:27

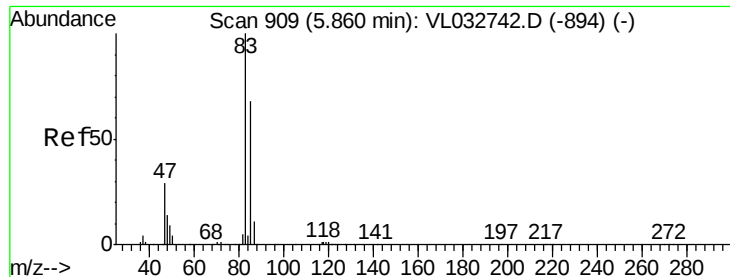
Tgt Ion: 73 Resp: 5879

Ion Ratio Lower Upper

73 100

57 1288.5 17.5 26.3#





#29

Chloroform

Concen: 0.175 ppbv

RT: 5.86 min Scan# 910

Delta R.T. 0.00 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

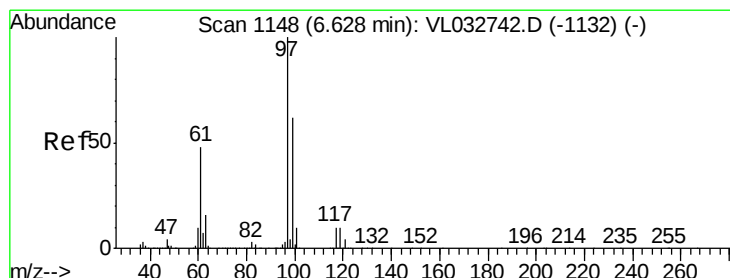
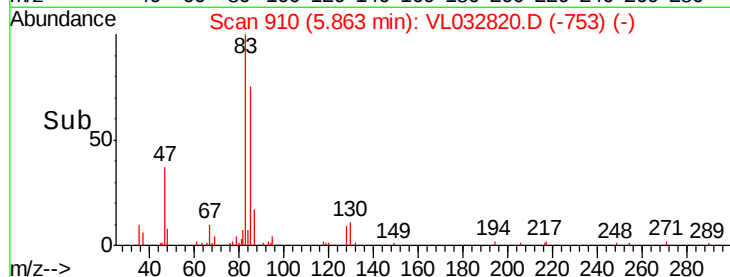
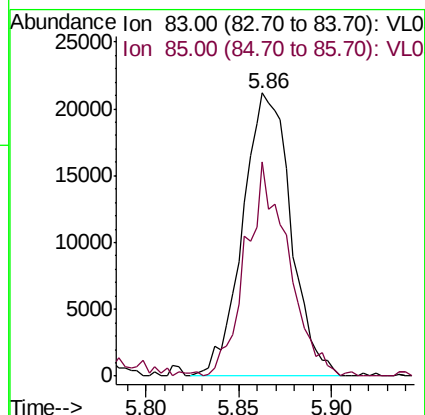
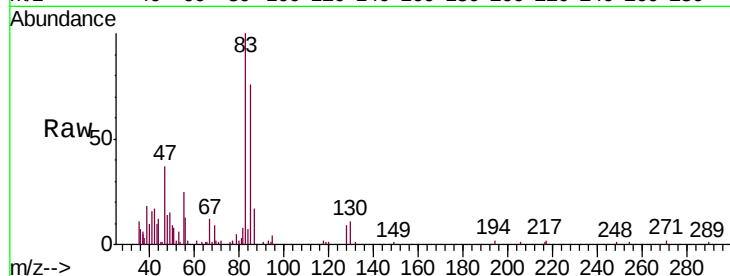
EP2-SV-05

Tgt Ion: 83 Resp: 38176

Ion Ratio Lower Upper

83 100

85 75.8 54.2 81.4



#32

1,1,1-Trichloroethane

Concen: 0.131 ppbv

RT: 6.63 min Scan# 1148

Delta R.T. 0.00 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

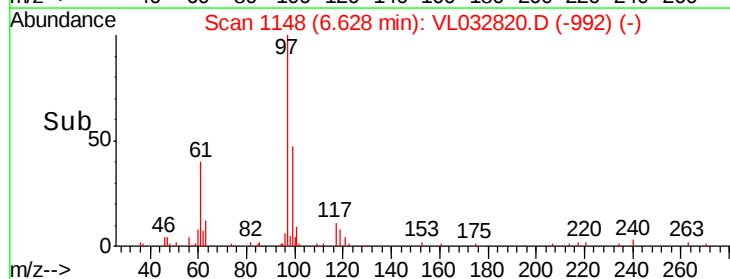
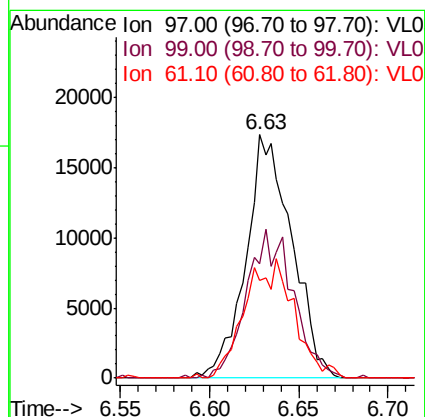
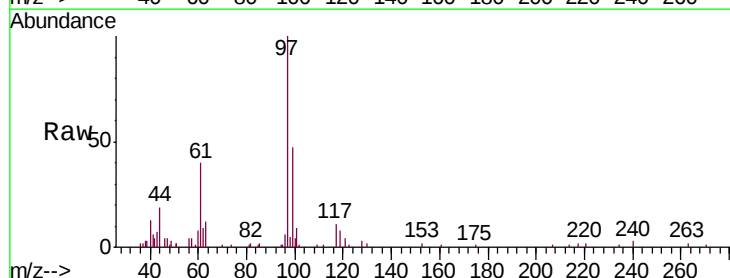
Tgt Ion: 97 Resp: 31301

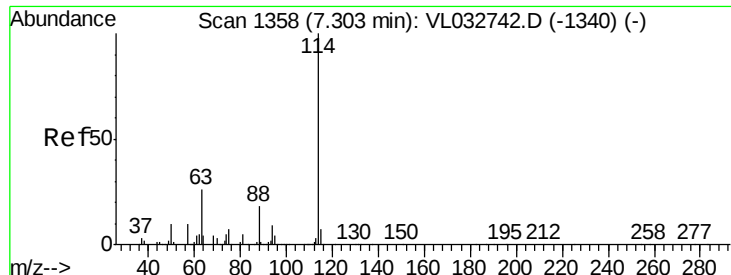
Ion Ratio Lower Upper

97 100

99 61.7 51.8 77.6

61 52.0 39.7 59.5

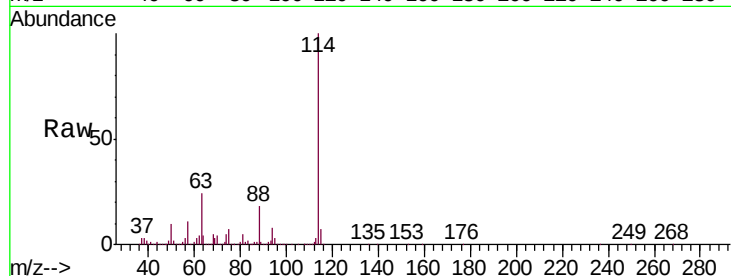




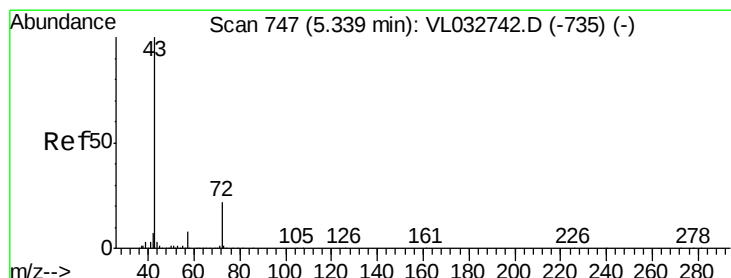
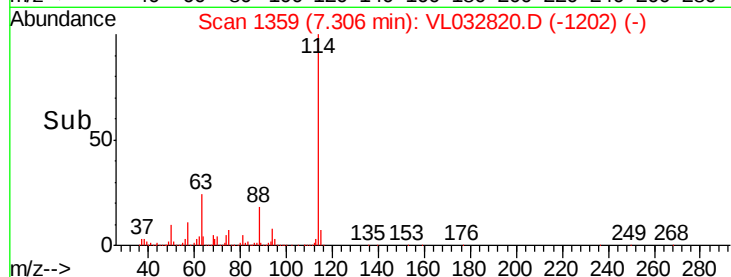
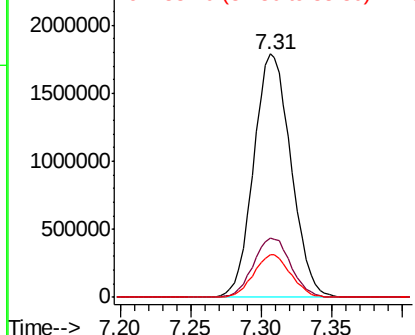
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.31 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VL032820.D
 Acq: 27 Nov 2018 23:27

Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-SV-05

Tgt Ion:114 Resp: 3297283
 Ion Ratio Lower Upper
 114 100
 63 24.6 20.9 31.3
 88 17.4 14.4 21.6

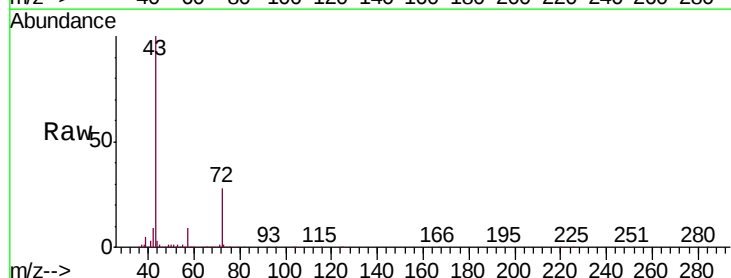


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

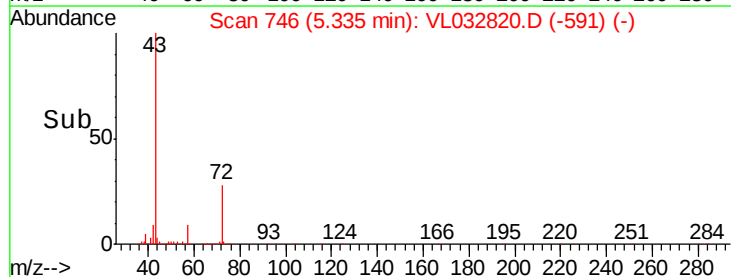
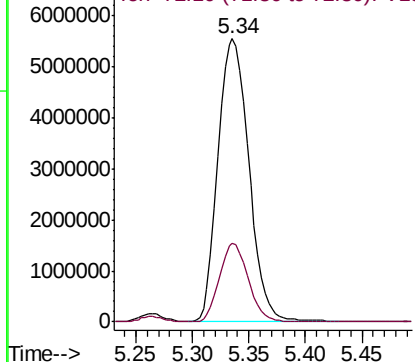


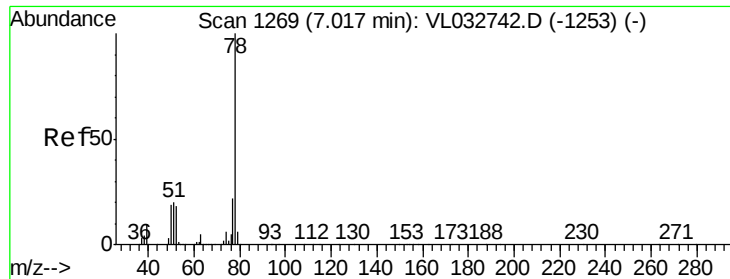
#34
 2-Butanone
 Concen: 61.730 ppbv
 RT: 5.34 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VL032820.D
 Acq: 27 Nov 2018 23:27

Tgt Ion: 43 Resp:10556952
 Ion Ratio Lower Upper
 43 100
 72 25.9 18.4 27.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.367 ppbv

RT: 7.02 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-05

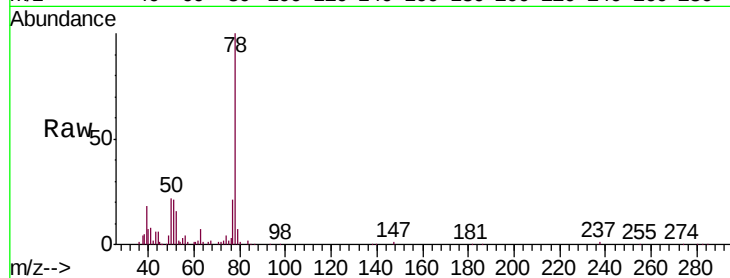
Tgt Ion: 78 Resp: 96439

Ion Ratio Lower Upper

78 100

77 20.4 17.8 26.8

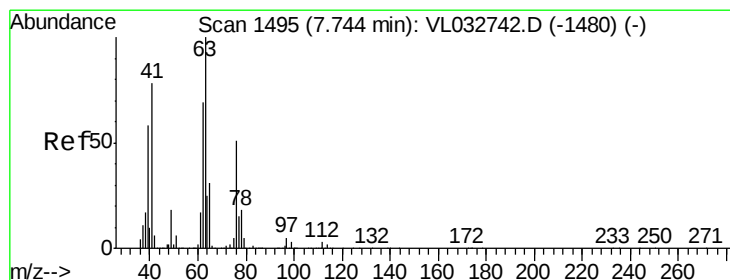
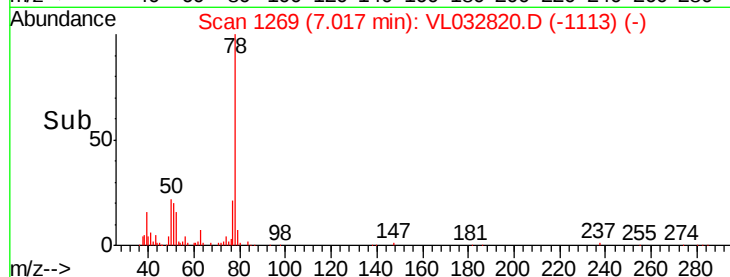
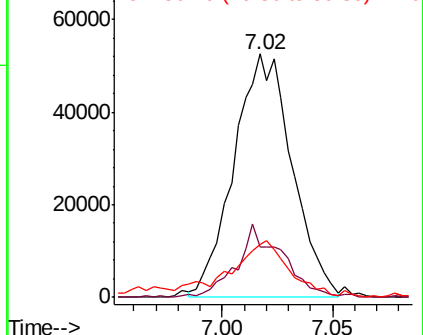
50 21.5 15.4 23.0



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: 8.037 ppbv

RT: 7.31 min Scan# 1359

Delta R.T. -0.44 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

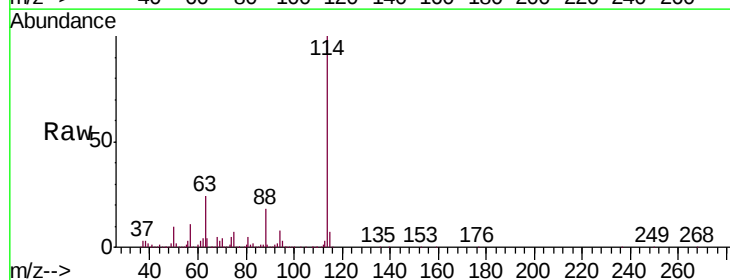
Tgt Ion: 63 Resp: 804048

Ion Ratio Lower Upper

63 100

41 1.6 62.0 93.0#

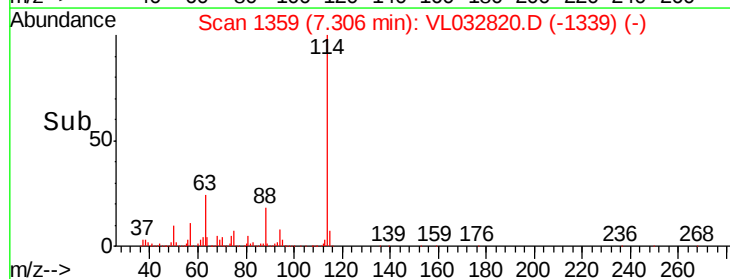
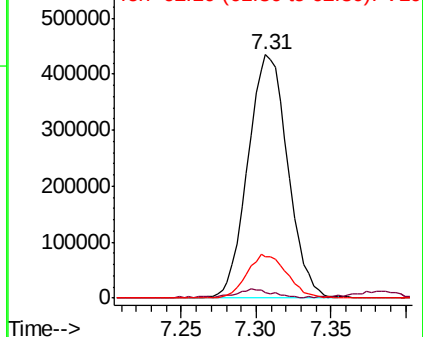
62 16.9 55.4 83.2#

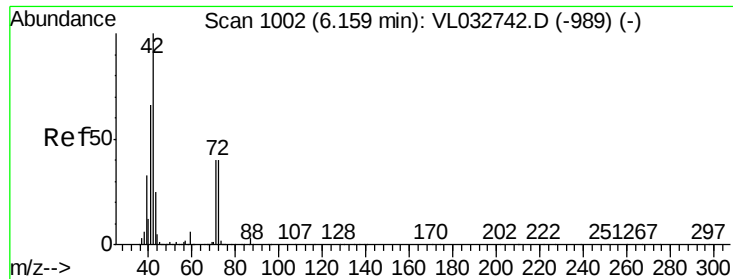


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

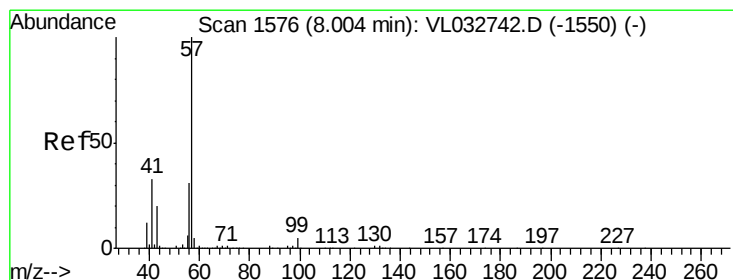
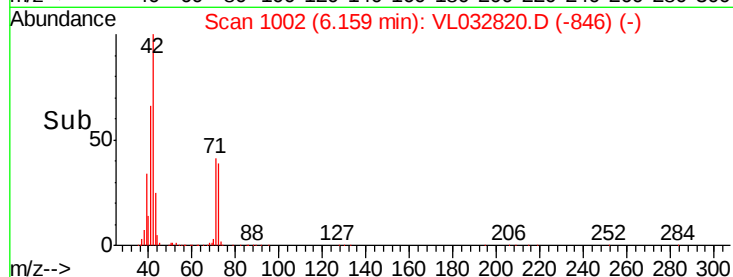
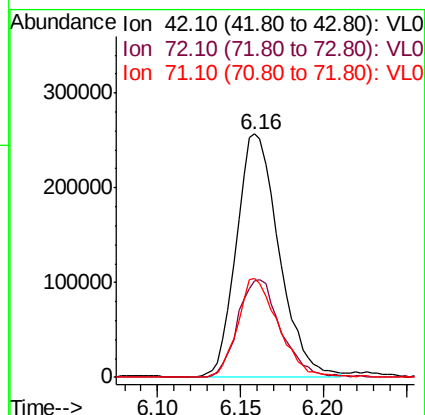
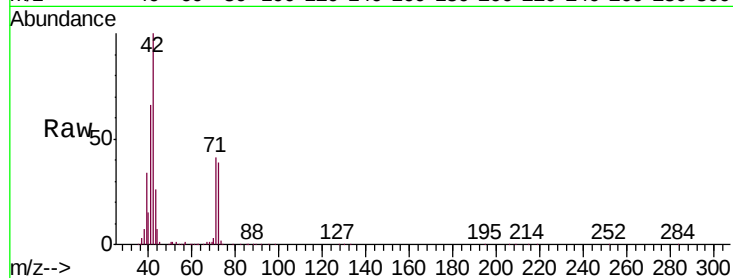




#41
Tetrahydrofuran
Concen: 4.679 ppbv
RT: 6.16 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VL032820.D
Acq: 27 Nov 2018 23:27

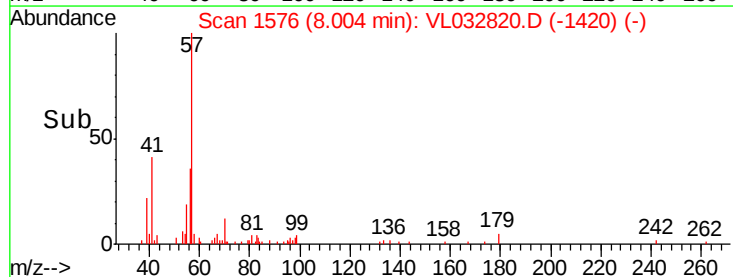
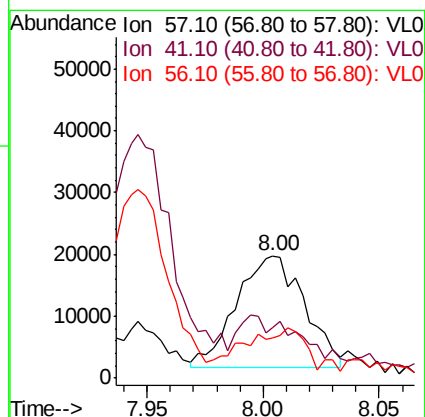
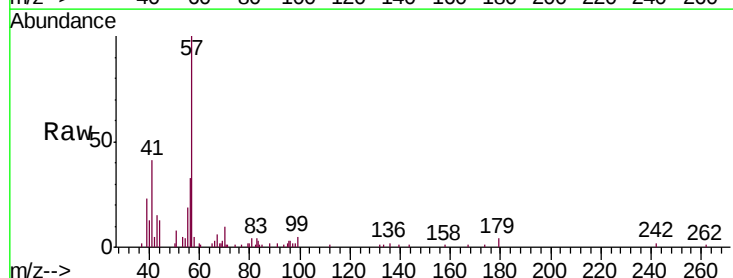
Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-05

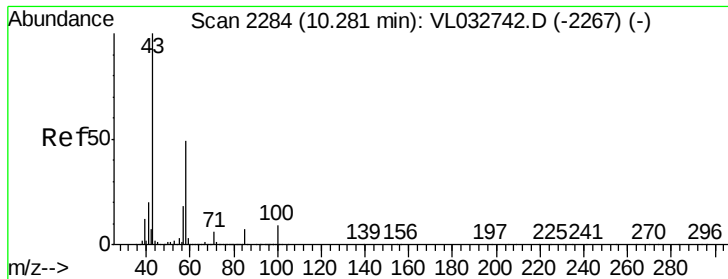
Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.4	48.6
71	39.4	31.6	47.4



#44
2,2,4-Trimethylpentane
Concen: 0.084 ppbv
RT: 8.00 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VL032820.D
Acq: 27 Nov 2018 23:27

Tgt Ion	Ratio	Lower	Upper
57	100		
41	77.5	26.6	39.8#
56	56.1	24.8	37.2#

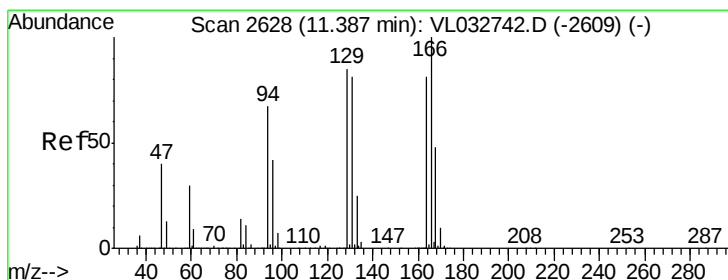
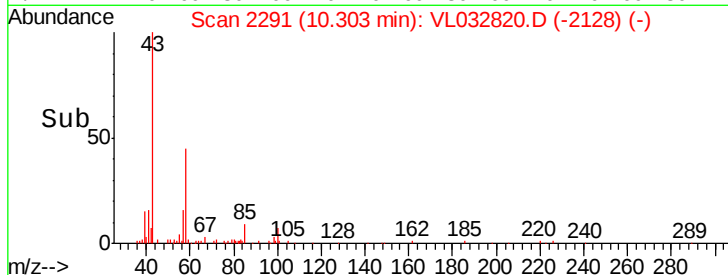
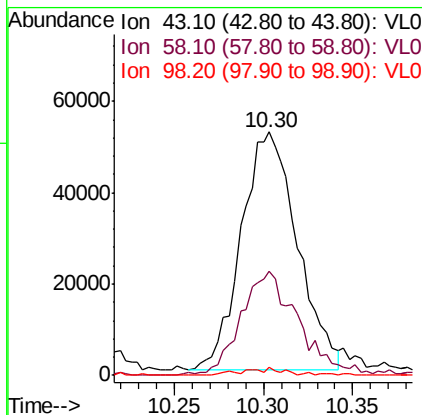
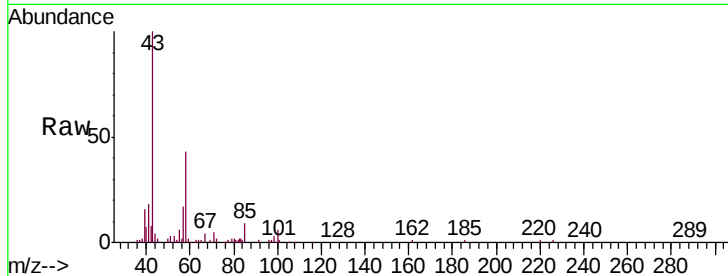




#51
2-Hexanone
Concen: 0.665 ppbv
RT: 10.30 min Scan# 2291
Delta R.T. 0.02 min
Lab File: VL032820.D
Acq: 27 Nov 2018 23:27

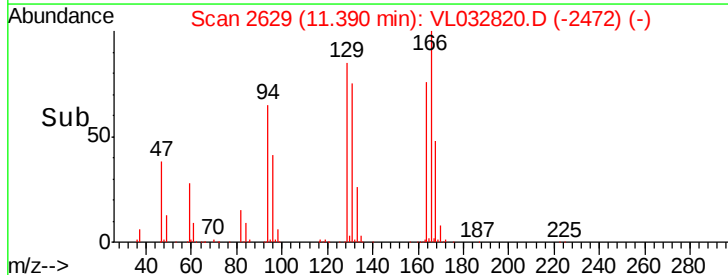
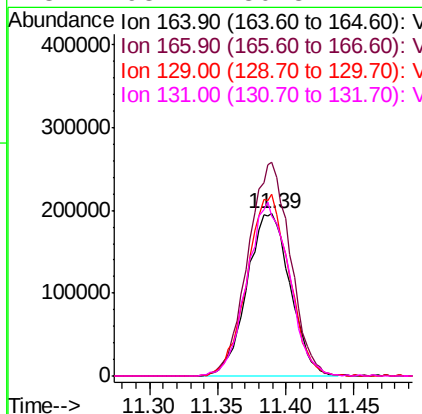
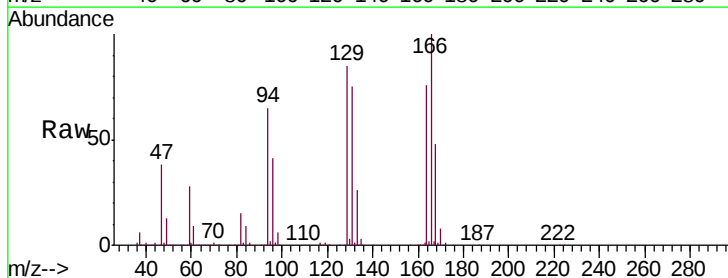
Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-05

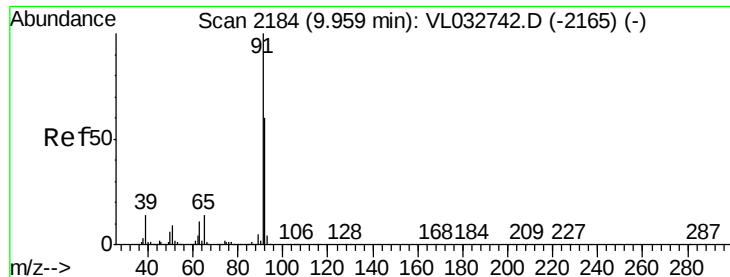
Tgt Ion: 43 Resp: 114410
Ion Ratio Lower Upper
43 100
58 45.8 38.9 58.3
98 2.5 0.2 0.4#



#52
Tetrachloroethene
Concen: 4.727 ppbv
RT: 11.39 min Scan# 2629
Delta R.T. 0.00 min
Lab File: VL032820.D
Acq: 27 Nov 2018 23:27

Tgt Ion: 164 Resp: 431741
Ion Ratio Lower Upper
164 100
166 131.9 99.3 148.9
129 112.0 83.9 125.9
131 98.4 80.8 121.2





#53

Toluene

Concen: 2.281 ppbv

RT: 9.96 min Scan# 2184

Delta R.T. 0.00 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

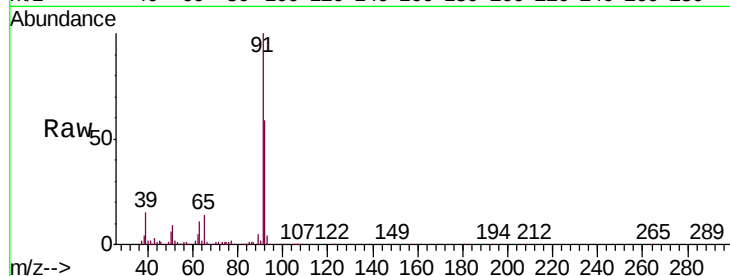
EP2-SV-05

Tgt Ion: 91 Resp: 624876

Ion Ratio Lower Upper

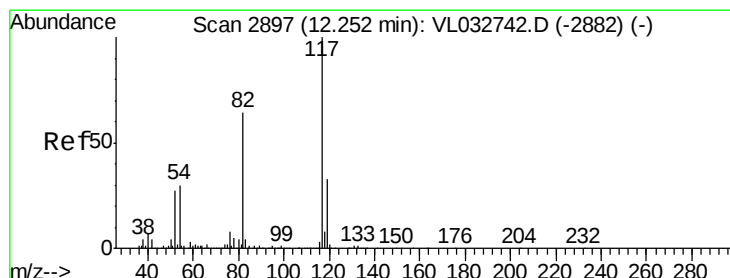
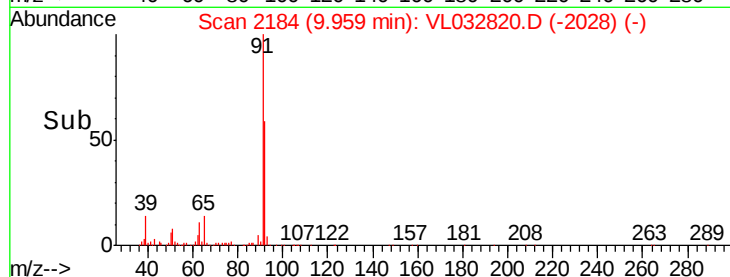
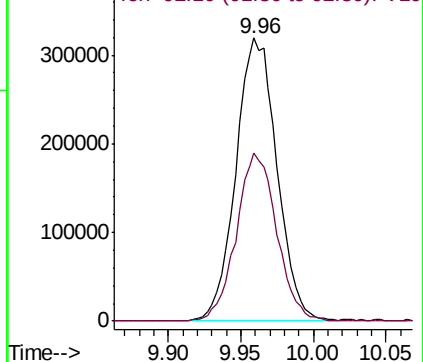
91 100

92 58.7 47.9 71.9



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: 12.25 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

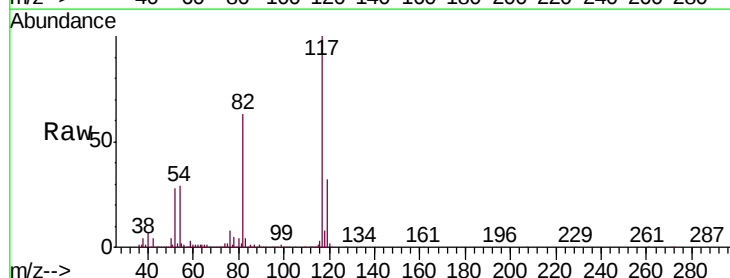
Tgt Ion: 117 Resp: 2981054

Ion Ratio Lower Upper

117 100

82 64.4 51.0 76.6

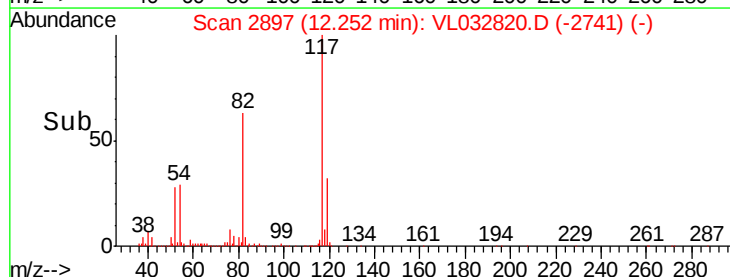
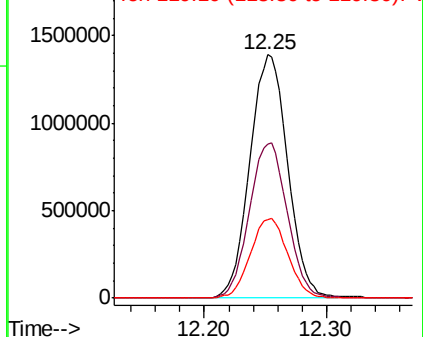
119 32.5 28.0 42.0

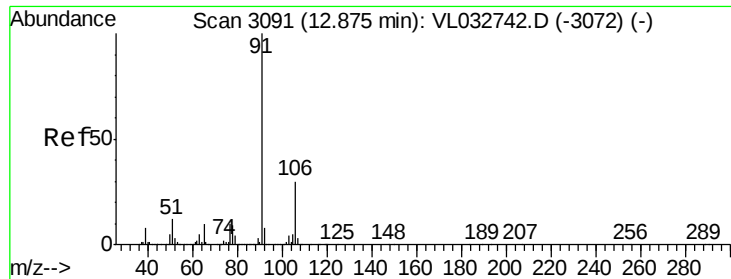


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#58

Ethyl Benzene

Concen: 0.058 ppbv

RT: 12.88 min Scan# 3091

Delta R.T. 0.00 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

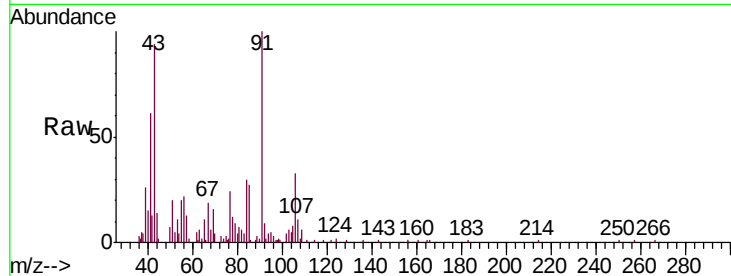
EP2-SV-05

Tgt Ion: 91 Resp: 20844

Ion Ratio Lower Upper

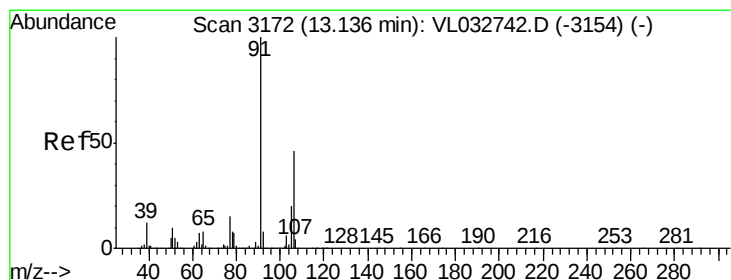
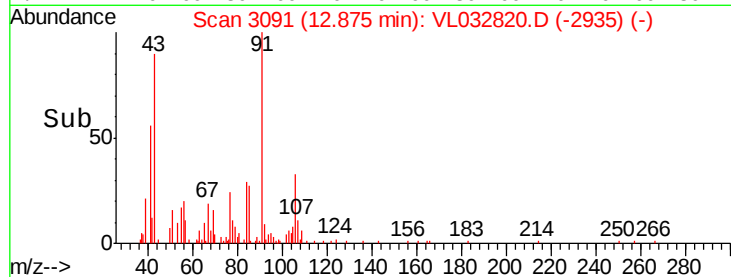
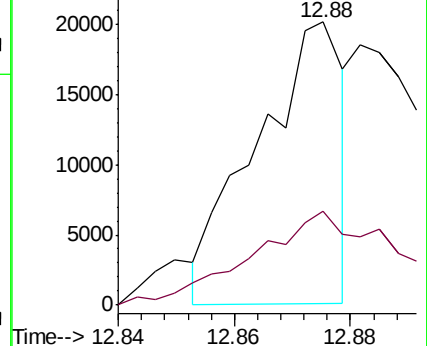
91 100

106 29.9 23.6 35.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.124 ppbv

RT: 13.14 min Scan# 3172

Delta R.T. 0.00 min

Lab File: VL032820.D

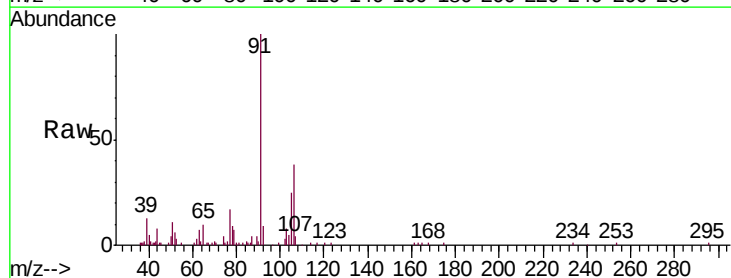
Acq: 27 Nov 2018 23:27

Tgt Ion: 91 Resp: 39557

Ion Ratio Lower Upper

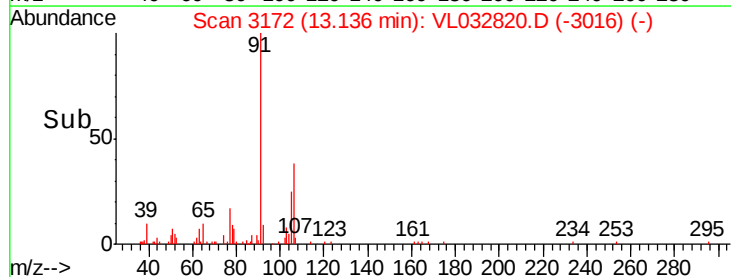
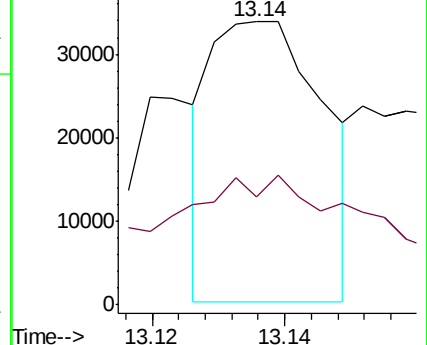
91 100

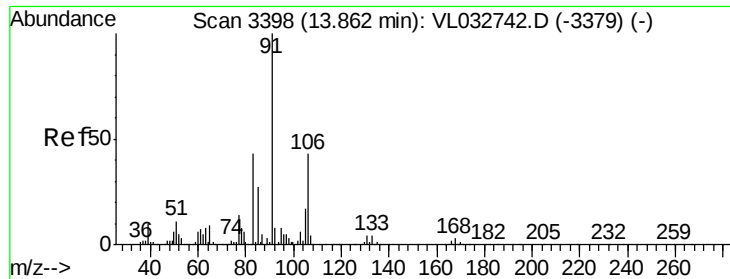
106 116.0 36.1 54.1#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

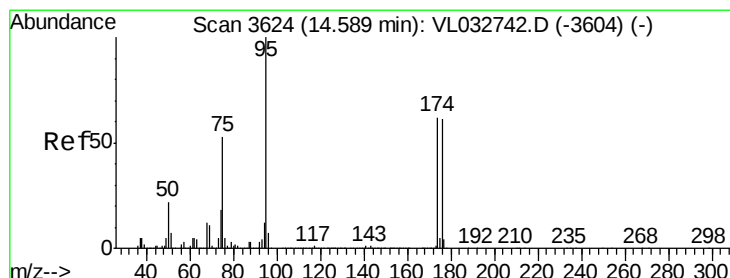
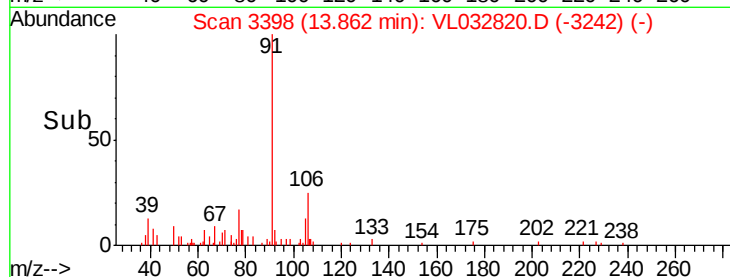
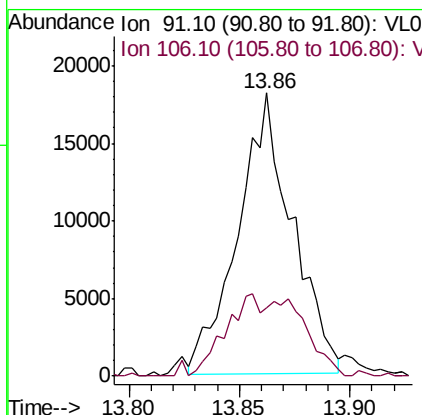
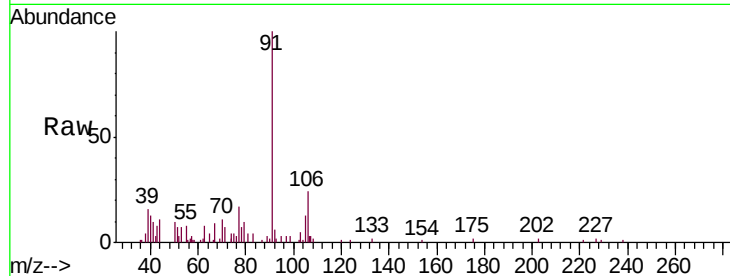




#60
o-Xylene
Concen: 0.097 ppbv
RT: 13.86 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VL032820.D
Acq: 27 Nov 2018 23:27

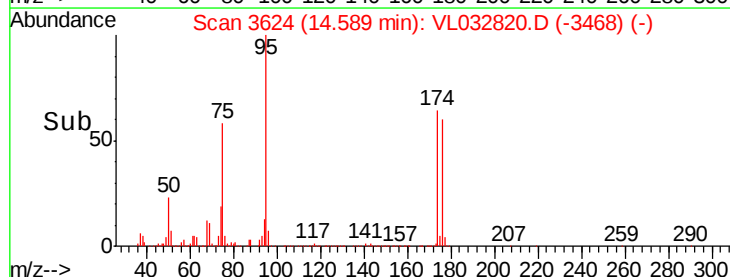
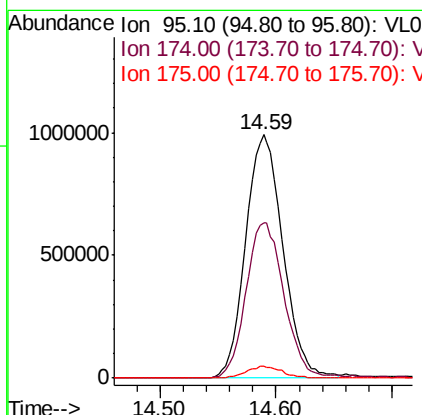
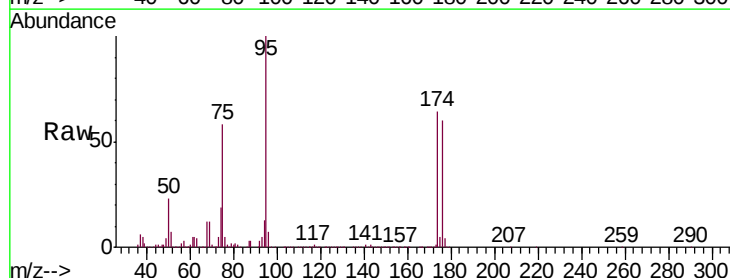
Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-05

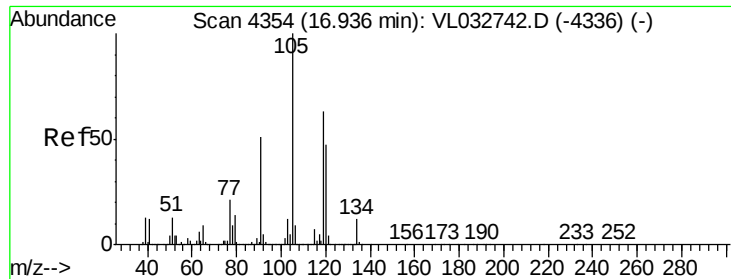
Tgt Ion: 91 Resp: 31028
Ion Ratio Lower Upper
91 100
106 40.7 21.9 65.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.967 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. 0.00 min
Lab File: VL032820.D
Acq: 27 Nov 2018 23:27

Tgt Ion: 95 Resp: 2222269
Ion Ratio Lower Upper
95 100
174 66.2 50.7 76.1
175 4.8 3.8 5.6





#74

1,2,4-Trimethylbenzene

Concen: 0.035 ppbv

RT: 16.94 min Scan# 4355

Delta R.T. 0.00 min

Lab File: VL032820.D

Acq: 27 Nov 2018 23:27

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-05

Tgt Ion:105 Resp: 12932

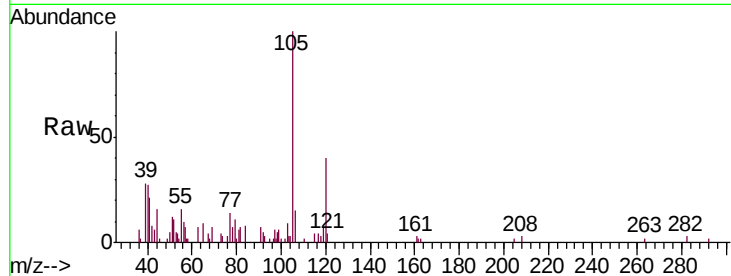
Ion Ratio Lower Upper

105 100

120 40.4 37.6 56.4

91 5.3 42.5 63.7#

77 11.0 17.4 26.2#



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

