

Data File : VL032822.D
Acq On : 28 Nov 2018 00:46
Operator : SY/AP
Sample : J6046-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-04

Quant Time: Nov 28 03:19:14 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	5.77	49	1331458	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3383028	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3129404	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2343279	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

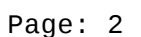
Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.08	85	190040	0.993	ppbv	99
3) Chlorodifluoromethane	3.01	51	21372493	202.470	ppbv #	69
4) Chloromethane	3.17	50	244940	4.185	ppbv	99
5) Vinyl Chloride	3.30	62	2222	0.036	ppbv #	43
7) Chloroethane	3.61	64	2877	0.129	ppbv	97
8) Dichlorotetrafluoroethane	3.08	85	190040	1.260	ppbv #	18
9) Propene	3.04	41	796013	18.844	ppbv	98
10) Heptane	8.26	43	13983	0.087	ppbv #	53
11) Trichlorofluoromethane	4.01	101	3873306	21.475	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.56	101	6104	0.041	ppbv #	1
13) Ethanol	3.66	45	1534500	110.905	ppbv	100
15) Acetone	3.90	43	3243561	26.676	ppbv #	61
16) 1,3-Butadiene	3.35	39	748522	15.896	ppbv #	13
17) tert-Butyl alcohol	4.37	59	23227	0.609	ppbv #	29
19) Isopropyl Alcohol	4.07	45	824127	10.174	ppbv #	95
20) Methylene Chloride	4.42	84	233206	3.705	ppbv	98
21) Allyl Chloride	4.38	41	11057	0.108	ppbv #	1
23) Vinyl Acetate	5.16	43	418884	1.890	ppbv #	90
25) Ethyl Acetate	5.78	43	241383	0.852	ppbv #	97
26) Hexane	5.79	57	189870	1.505	ppbv #	3
27) Carbon Disulfide	4.62	76	27251	0.170	ppbv #	65
29) Chloroform	5.86	83	62775	0.279	ppbv	99
34) 2-Butanone	5.33	43	10381043	59.163	ppbv	95
35) Carbon Tetrachloride	7.15	117	10140	0.037	ppbv #	73
36) Benzene	7.02	78	98454	0.365	ppbv	96
39) 1,2-Dichloropropane	7.30	63	824762	8.035	ppbv #	24
41) Tetrahydrofuran	6.16	42	562607	5.590	ppbv	99
43) Methyl Methacrylate	8.19	69	4700	0.047	ppbv #	1
44) 2,2,4-Trimethylpentane	8.00	57	47765	0.106	ppbv #	78
51) 2-Hexanone	10.29	43	61050	0.346	ppbv #	92
52) Tetrachloroethene	11.39	164	1665761	17.775	ppbv	97
53) Toluene	9.96	91	1446640	5.147	ppbv	100
58) Ethyl Benzene	12.88	91	43512	0.116	ppbv	92
59) m/p-Xylene	13.13	91	58507	0.175	ppbv #	45
60) o-Xylene	13.86	91	17838	0.053	ppbv #	48
80) Naphthalene,2-methyl-	25.13	142	3959	0.062	ppbv	99

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

ALS Vial : 1 Sample Multiplier: 1

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. 0.00 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampled :

EP2-SV-04

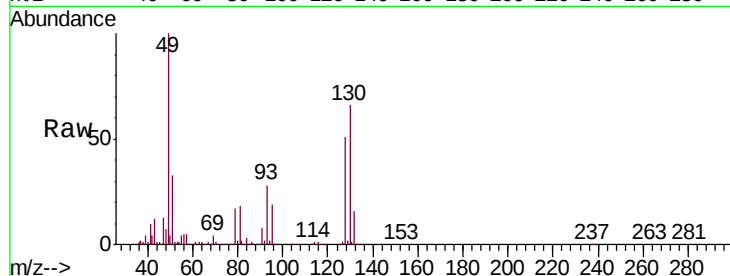
Tgt Ion: 49 Resp: 1331458

Ion Ratio Lower Upper

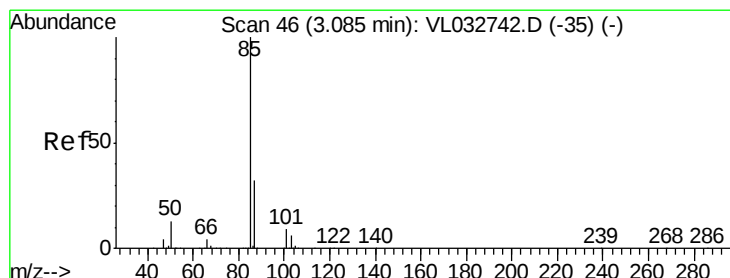
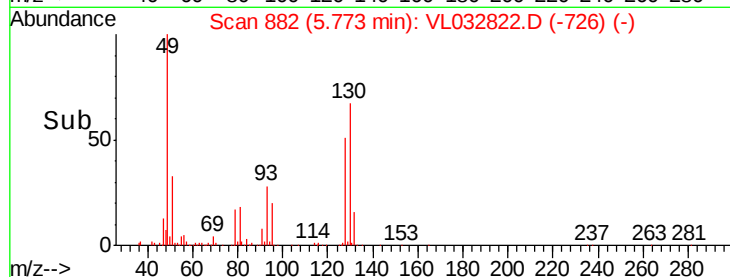
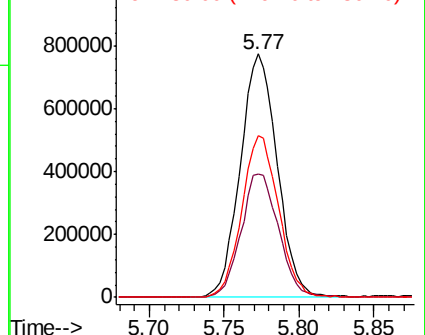
49 100

128 51.7 24.9 74.6

130 66.4 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: 0.993 ppbv

RT: 3.08 min Scan# 44

Delta R.T. -0.01 min

Lab File: VL032822.D

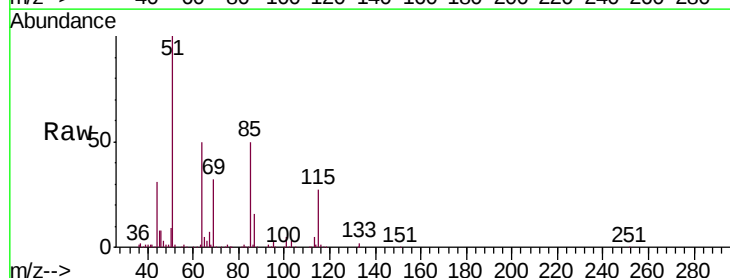
Acq: 28 Nov 2018 00:46

Tgt Ion: 85 Resp: 190040

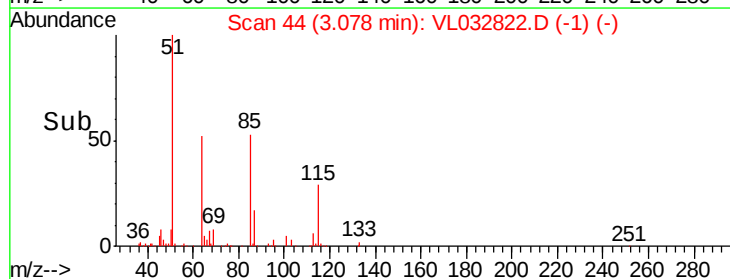
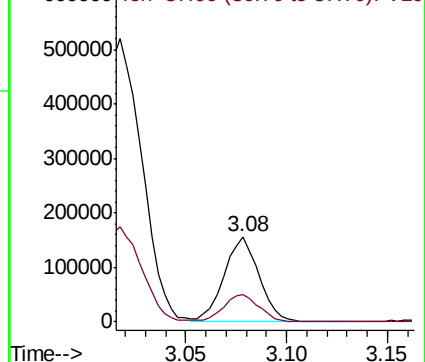
Ion Ratio Lower Upper

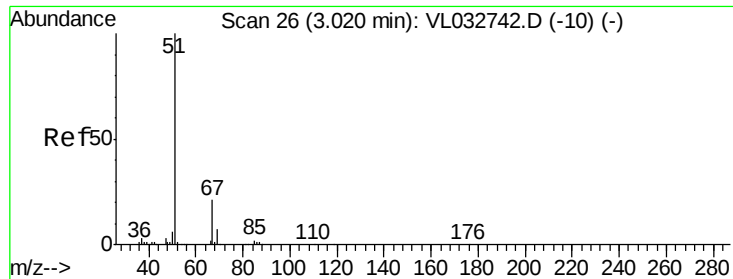
85 100

87 32.0 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: 202.470 ppbv

RT: 3.01 min Scan# 24

Delta R.T. -0.01 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

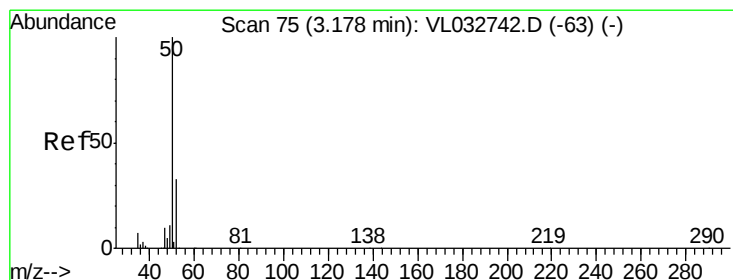
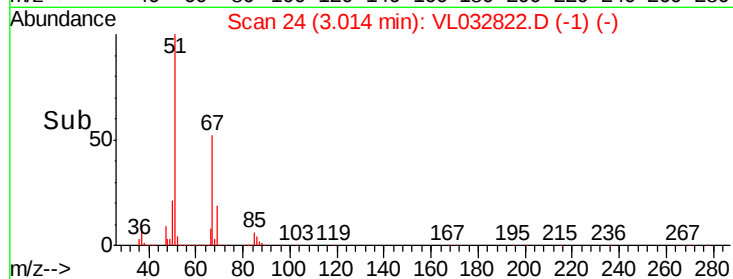
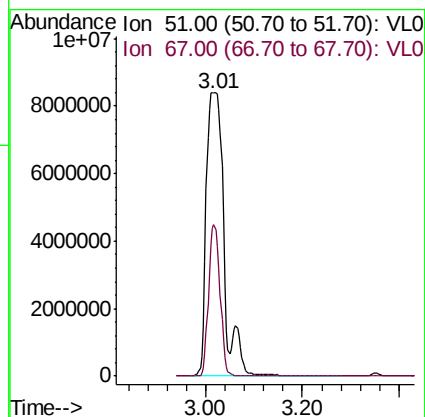
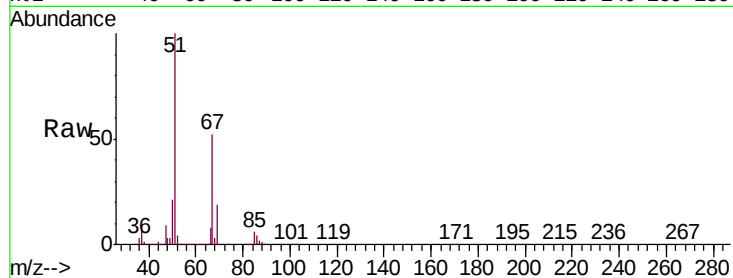
EP2-SV-04

Tgt Ion: 51 Resp: 21372493

Ion Ratio Lower Upper

51 100

67 34.4 16.1 24.1#



#4

Chloromethane

Concen: 4.185 ppbv

RT: 3.17 min Scan# 74

Delta R.T. -0.00 min

Lab File: VL032822.D

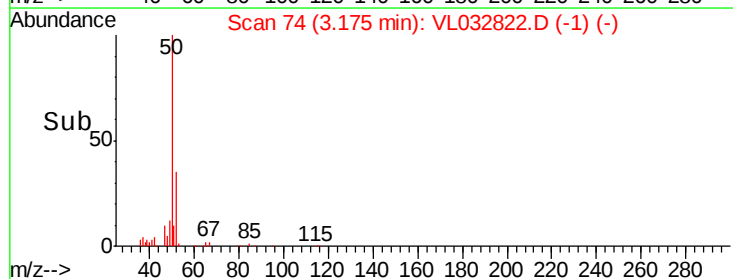
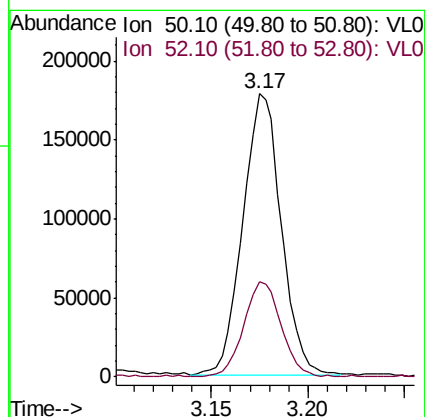
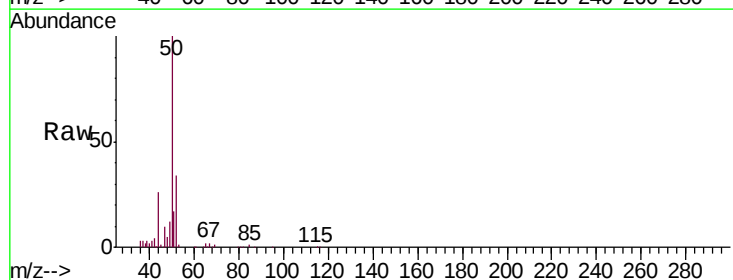
Acq: 28 Nov 2018 00:46

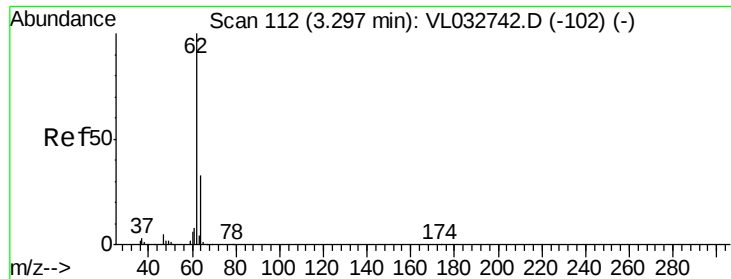
Tgt Ion: 50 Resp: 244940

Ion Ratio Lower Upper

50 100

52 33.9 26.6 40.0





#5

Vinyl Chloride

Concen: 0.036 ppbv

RT: 3.30 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

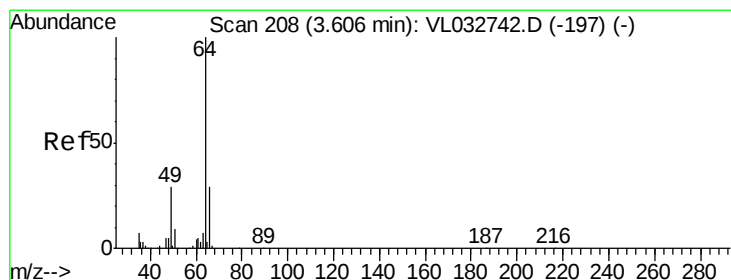
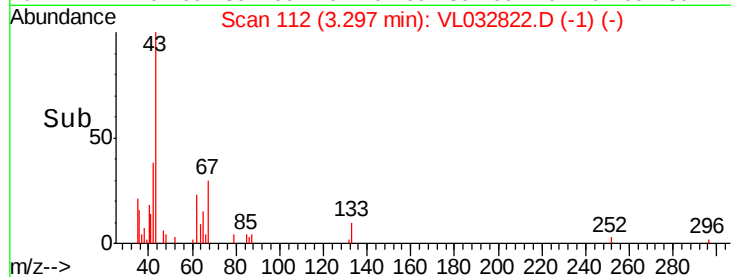
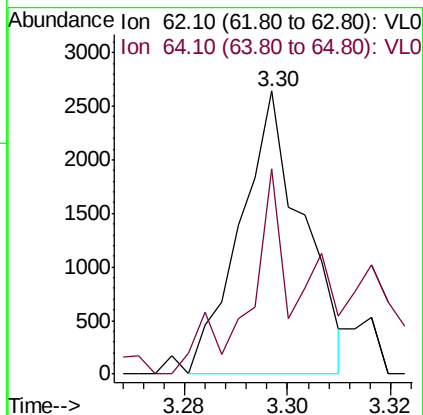
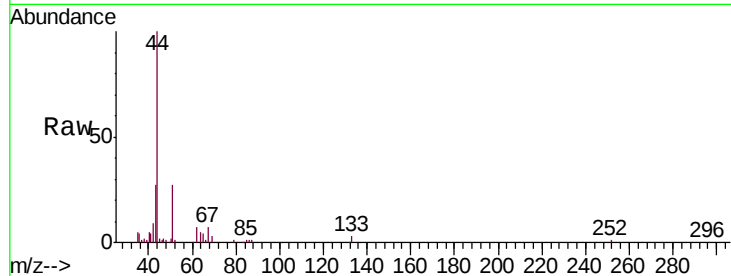
EP2-SV-04

Tgt Ion: 62 Resp: 2222

Ion Ratio Lower Upper

62 100

64 65.1 26.2 39.4#



#7

Chloroethane

Concen: 0.129 ppbv

RT: 3.61 min Scan# 208

Delta R.T. 0.00 min

Lab File: VL032822.D

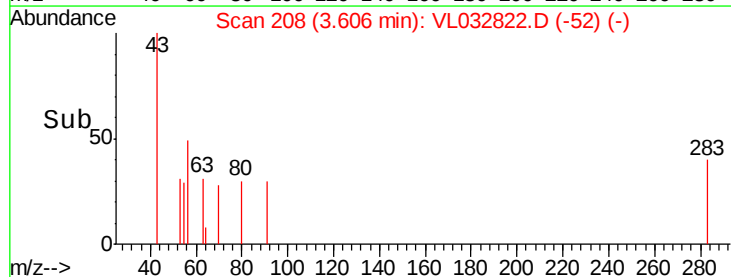
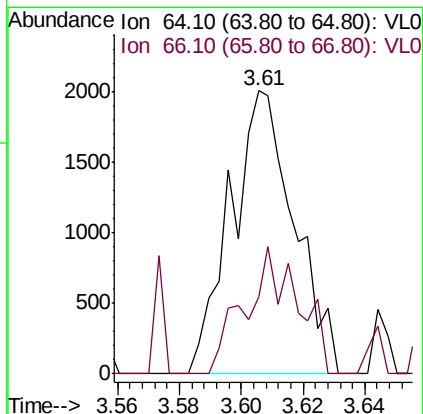
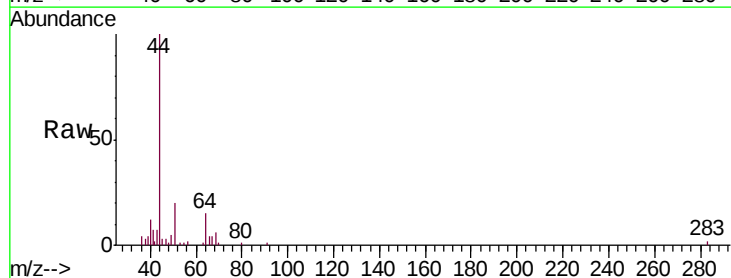
Acq: 28 Nov 2018 00:46

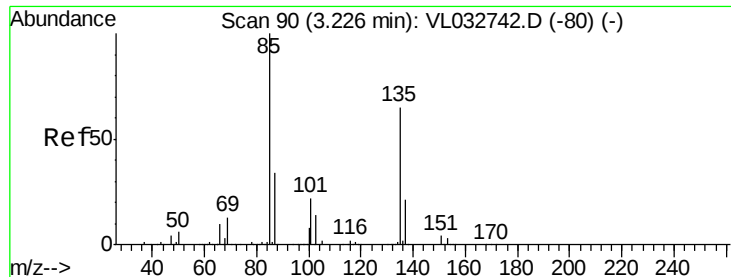
Tgt Ion: 64 Resp: 2877

Ion Ratio Lower Upper

64 100

66 27.3 23.2 34.8





#8

Dichlorotetrafluoroethane

Concen: 1.260 ppbv

RT: 3.08 min Scan# 44

Delta R.T. -0.15 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

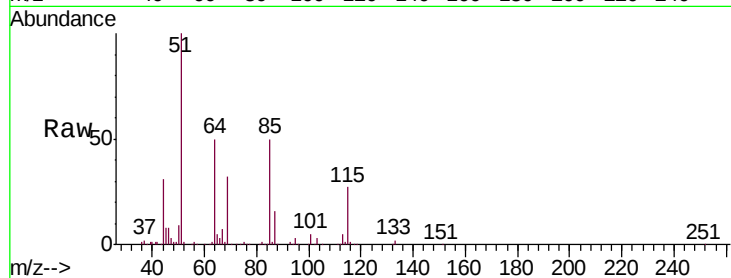
EP2-SV-04

Tgt Ion: 85 Resp: 190040

Ion Ratio Lower Upper

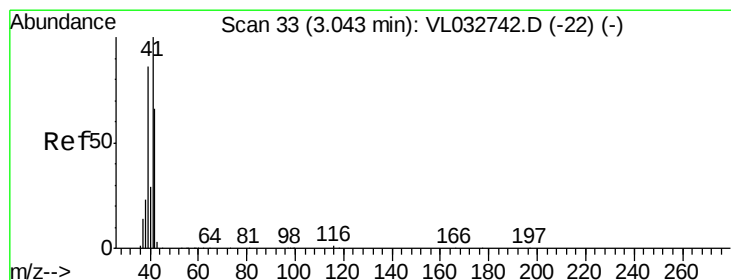
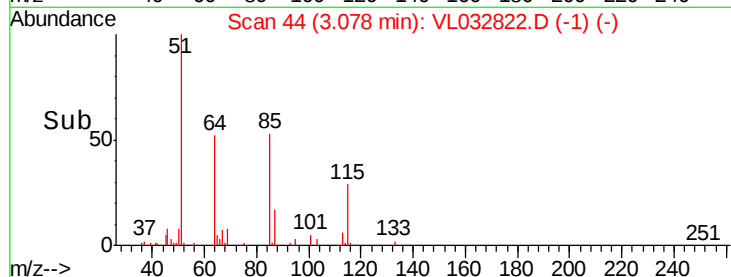
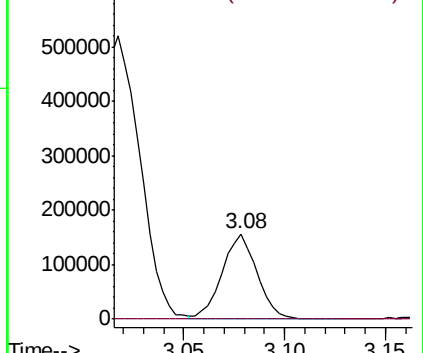
85 100

135 1.4 53.8 80.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V



#9

Propene

Concen: 18.844 ppbv

RT: 3.04 min Scan# 31

Delta R.T. -0.01 min

Lab File: VL032822.D

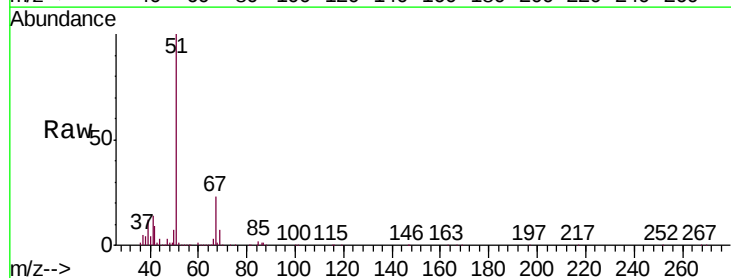
Acq: 28 Nov 2018 00:46

Tgt Ion: 41 Resp: 796013

Ion Ratio Lower Upper

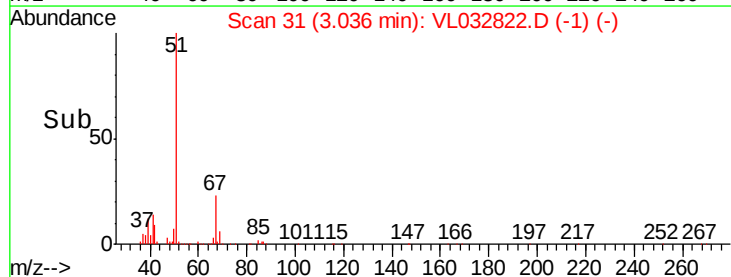
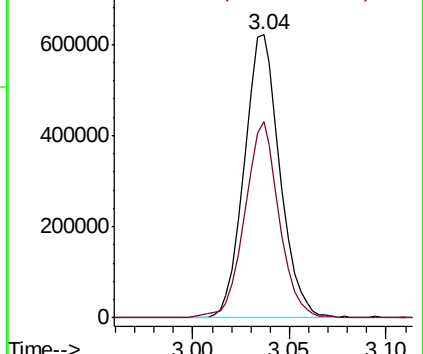
41 100

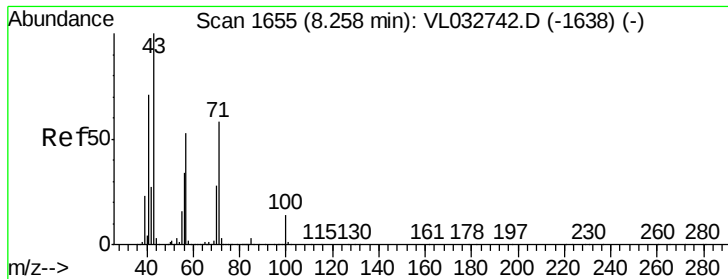
42 67.2 55.0 82.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.087 ppbv

RT: 8.26 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

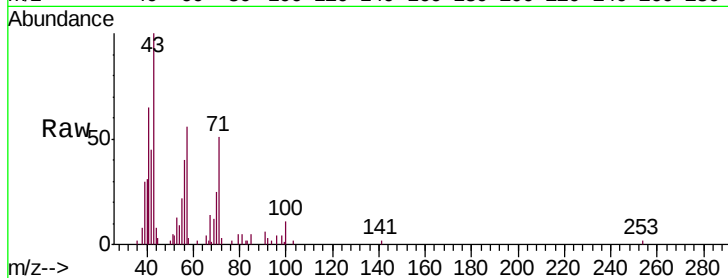
EP2-SV-04

Tgt Ion: 43 Resp: 13983

Ion Ratio Lower Upper

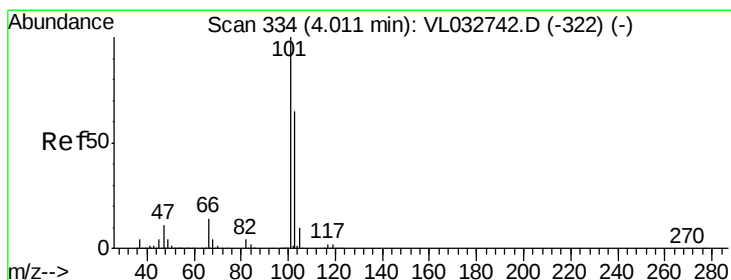
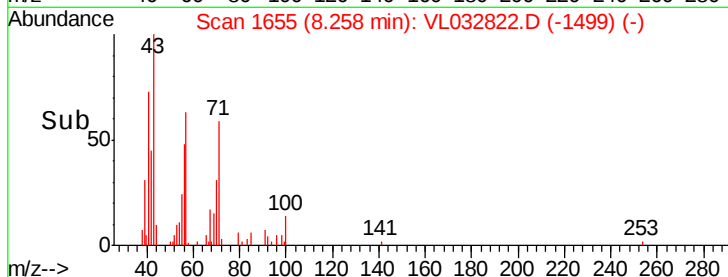
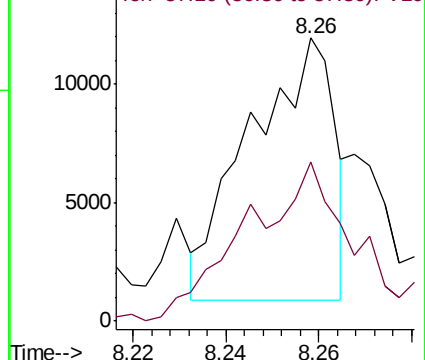
43 100

57 85.3 41.8 62.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 21.475 ppbv

RT: 4.01 min Scan# 334

Delta R.T. -0.00 min

Lab File: VL032822.D

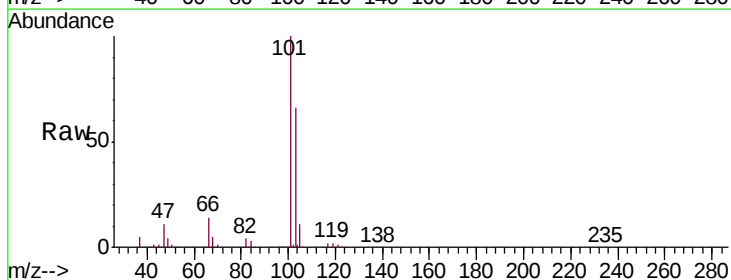
Acq: 28 Nov 2018 00:46

Tgt Ion: 101 Resp: 3873306

Ion Ratio Lower Upper

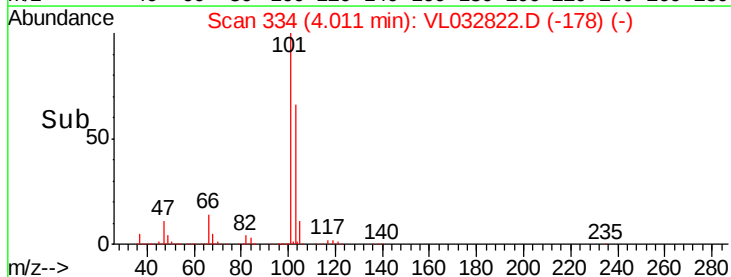
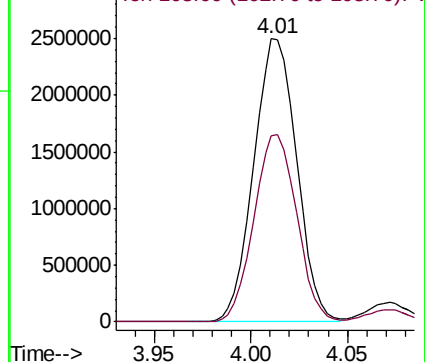
101 100

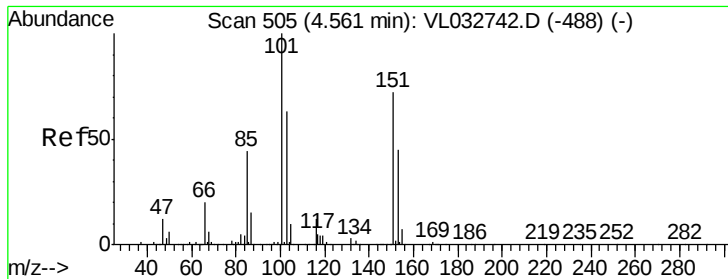
103 65.8 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

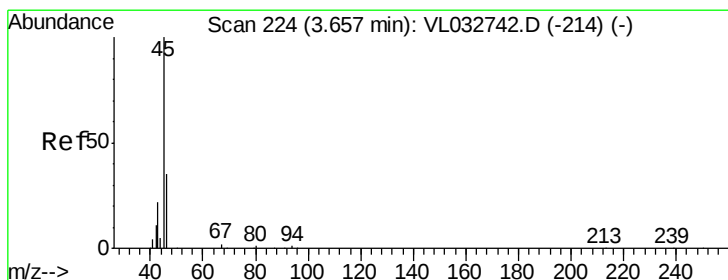
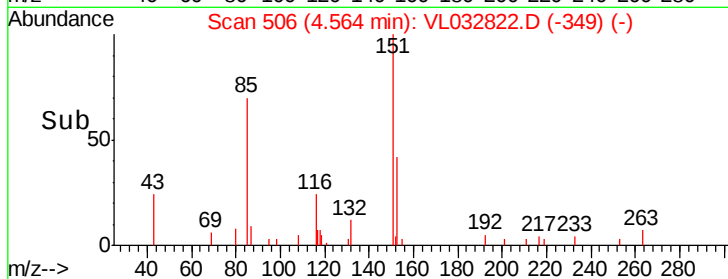
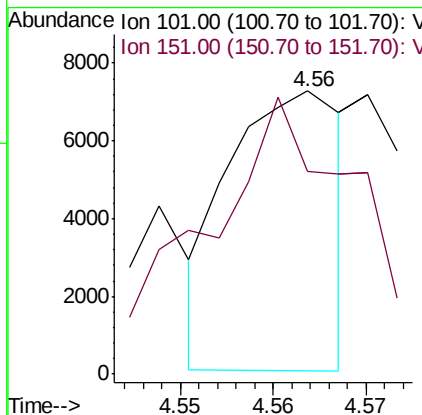
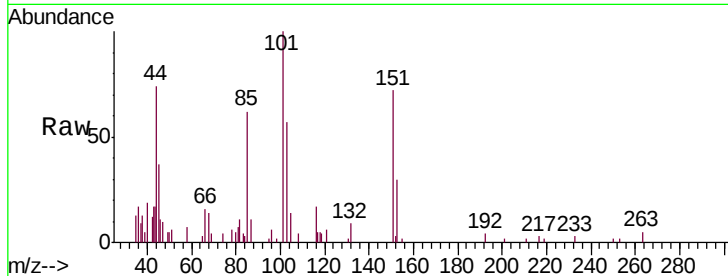




#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.041 ppbv
 RT: 4.56 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: VL032822.D
 Acq: 28 Nov 2018 00:46

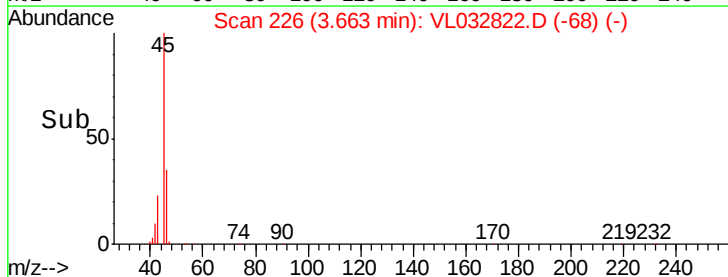
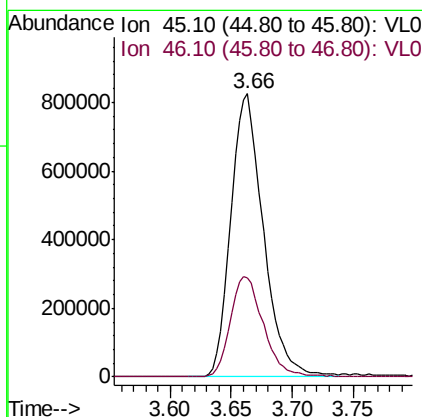
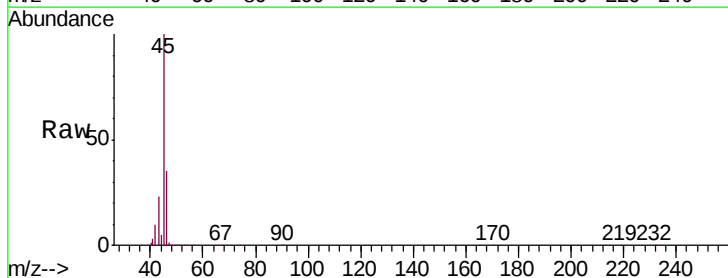
Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-SV-04

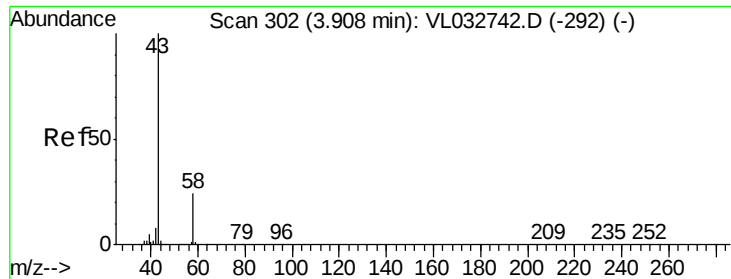
Tgt Ion:101 Resp: 6104
 Ion Ratio Lower Upper
 101 100
 151 160.1 56.7 85.1#



#13
 Ethanol
 Concen: 110.905 ppbv
 RT: 3.66 min Scan# 226
 Delta R.T. 0.01 min
 Lab File: VL032822.D
 Acq: 28 Nov 2018 00:46

Tgt Ion: 45 Resp: 1534500
 Ion Ratio Lower Upper
 45 100
 46 36.2 14.5 57.9





#15

Acetone

Concen: 26.676 ppbv

RT: 3.90 min Scan# 300

Delta R.T. -0.01 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

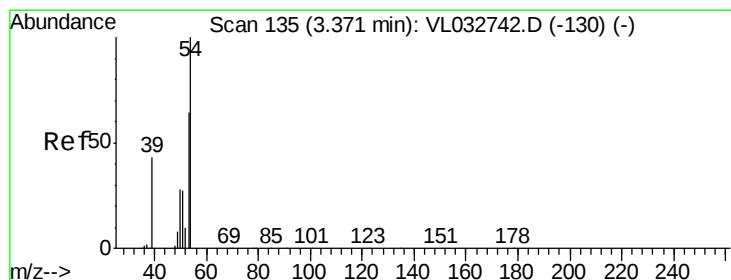
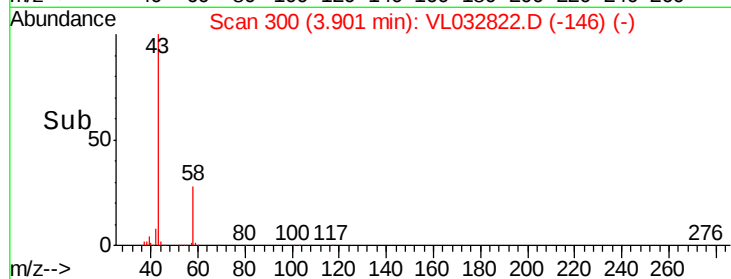
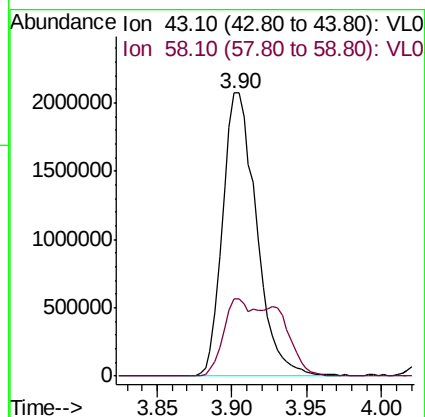
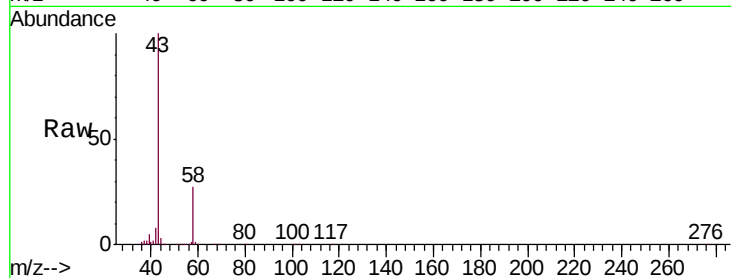
EP2-SV-04

Tgt Ion: 43 Resp: 3243561

Ion Ratio Lower Upper

43 100

58 46.5 21.1 31.7#



#16

1,3-Butadiene

Concen: 15.896 ppbv

RT: 3.35 min Scan# 129

Delta R.T. -0.02 min

Lab File: VL032822.D

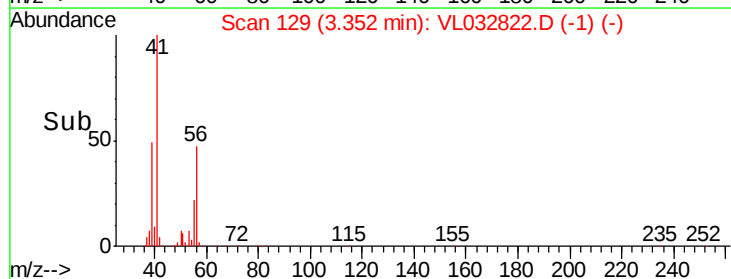
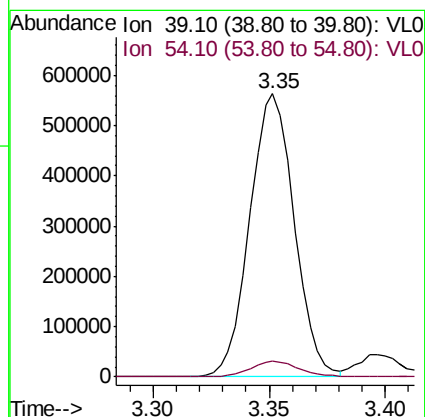
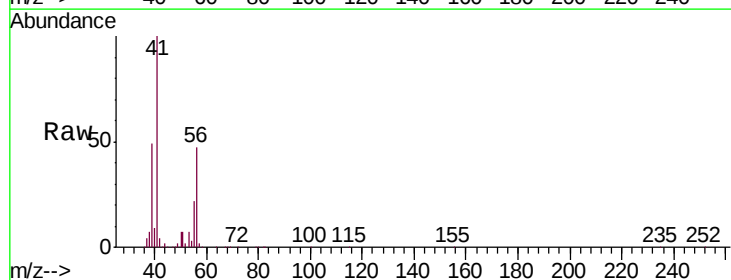
Acq: 28 Nov 2018 00:46

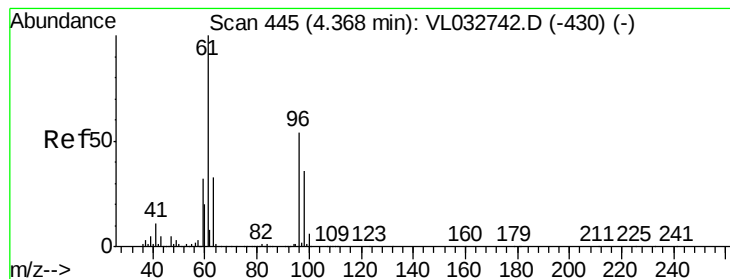
Tgt Ion: 39 Resp: 748522

Ion Ratio Lower Upper

39 100

54 6.2 68.9 103.3#





#17

tert-Butyl alcohol

Concen: 0.609 ppbv

RT: 4.37 min Scan# 446

Delta R.T. 0.00 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

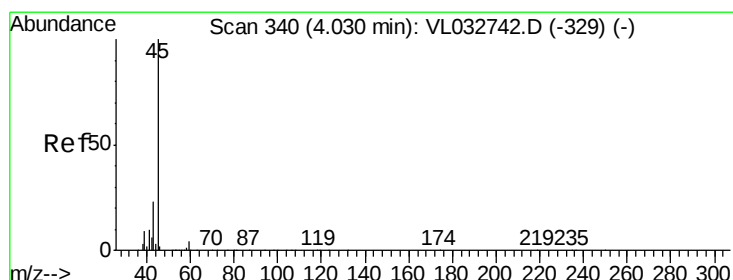
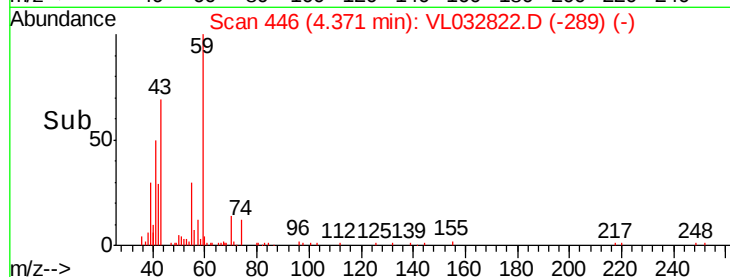
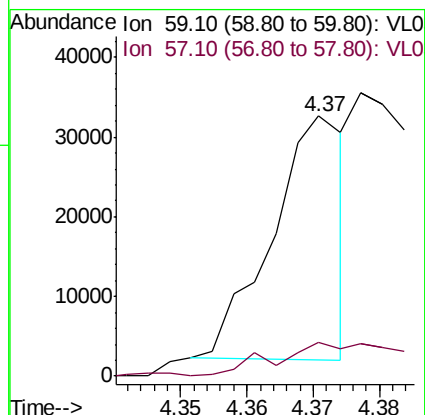
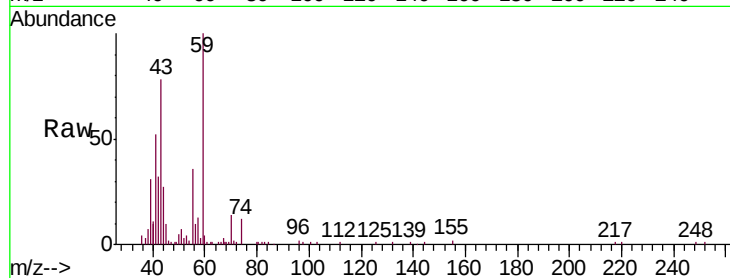
EP2-SV-04

Tgt Ion: 59 Resp: 23227

Ion Ratio Lower Upper

59 100

57 36.2 7.8 11.8#



#19

Isopropyl Alcohol

Concen: 10.174 ppbv

RT: 4.07 min Scan# 352

Delta R.T. 0.04 min

Lab File: VL032822.D

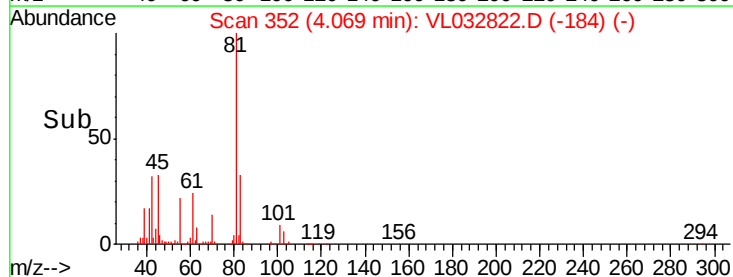
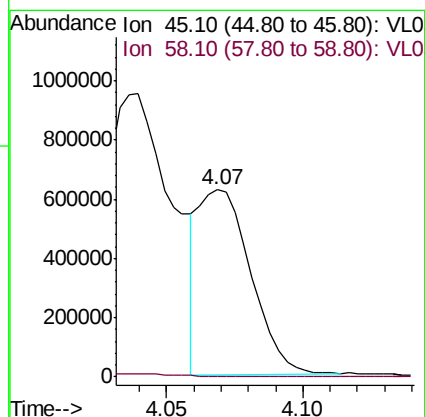
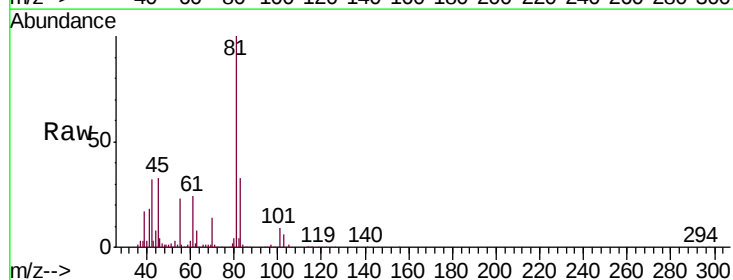
Acq: 28 Nov 2018 00:46

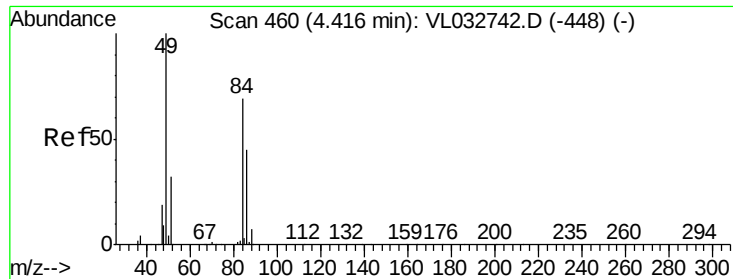
Tgt Ion: 45 Resp: 824127

Ion Ratio Lower Upper

45 100

58 0.0 1.4 2.0#

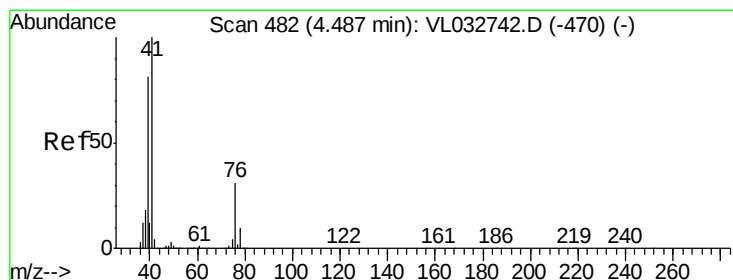
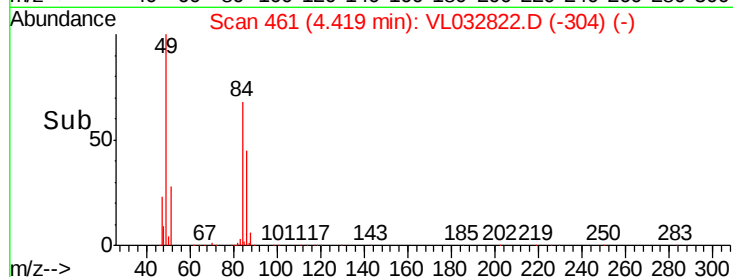
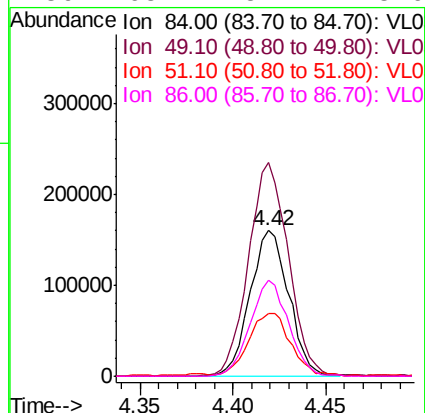
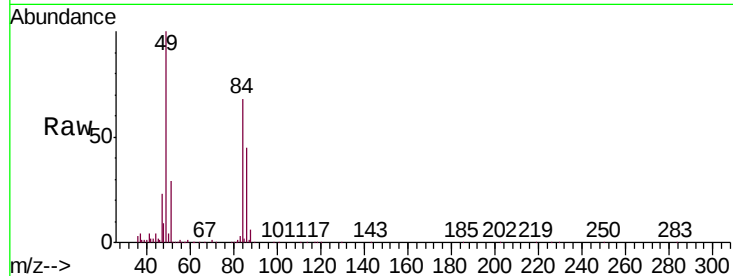




#20
Methylene Chloride
Concen: 3.705 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032822.D
Acq: 28 Nov 2018 00:46

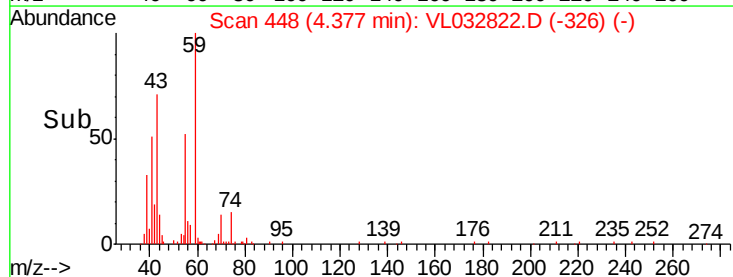
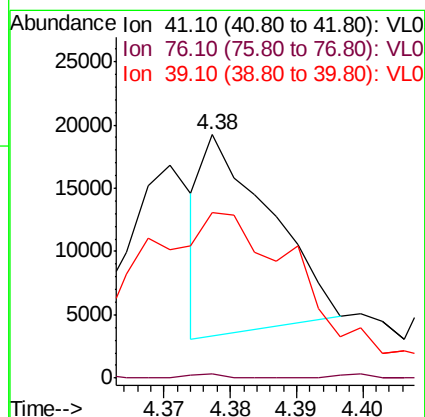
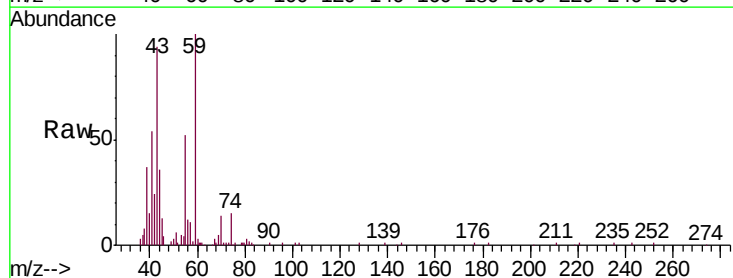
Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-04

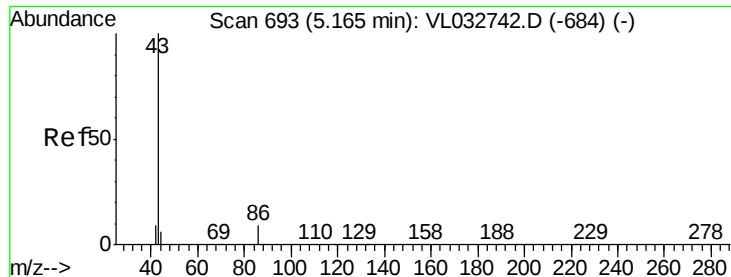
Tgt Ion: 84 Resp: 233206
Ion Ratio Lower Upper
84 100
49 146.2 115.8 173.6
51 42.1 36.9 55.3
86 65.7 52.4 78.6



#21
Allyl Chloride
Concen: 0.108 ppbv
RT: 4.38 min Scan# 448
Delta R.T. -0.11 min
Lab File: VL032822.D
Acq: 28 Nov 2018 00:46

Tgt Ion: 41 Resp: 11057
Ion Ratio Lower Upper
41 100
76 0.0 24.4 36.6#
39 212.9 63.5 95.3#





#23

Vinyl Acetate

Concen: 1.890 ppbv

RT: 5.16 min Scan# 691

Delta R.T. -0.01 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-04

Tgt Ion: 43 Resp: 418884

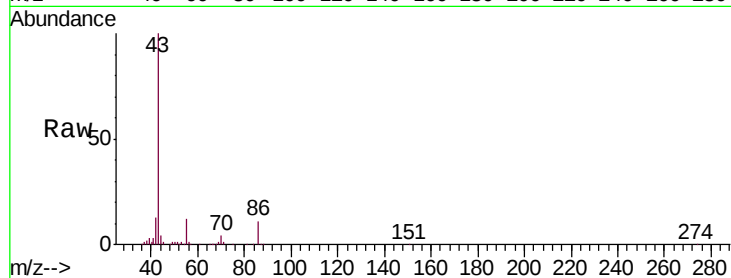
Ion Ratio Lower Upper

43 100

86 11.4 6.2 9.4#

42 13.0 7.8 11.6#

44 1.8 4.4 6.6#

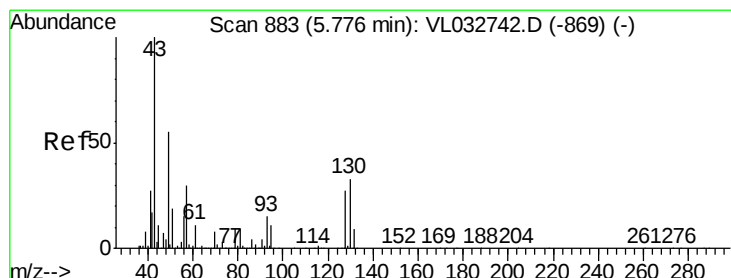
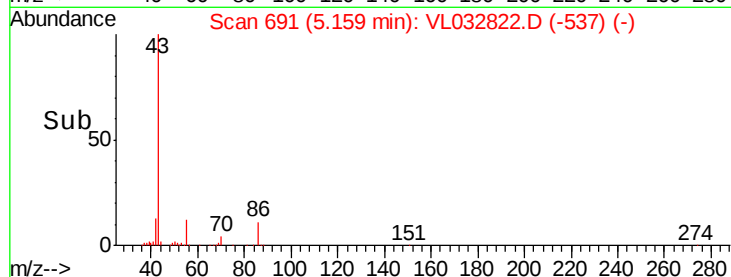
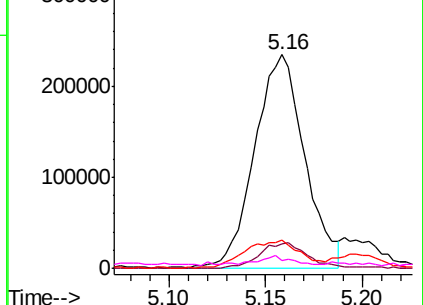


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.852 ppbv

RT: 5.78 min Scan# 885

Delta R.T. 0.01 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Tgt Ion: 43 Resp: 241383

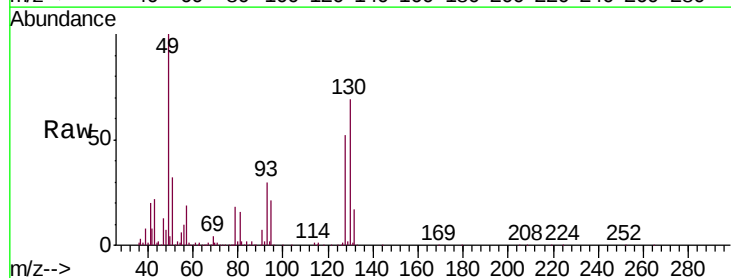
Ion Ratio Lower Upper

43 100

45 9.8 7.9 11.9

61 6.7 7.8 11.6#

70 6.6 5.8 8.6

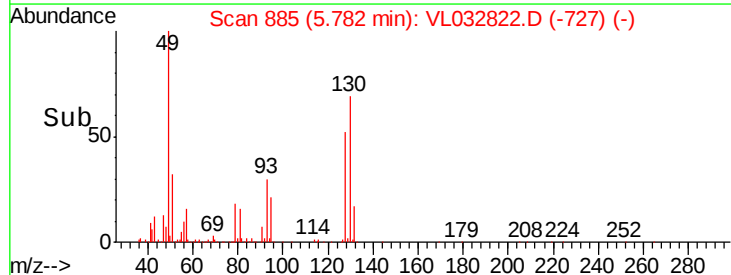
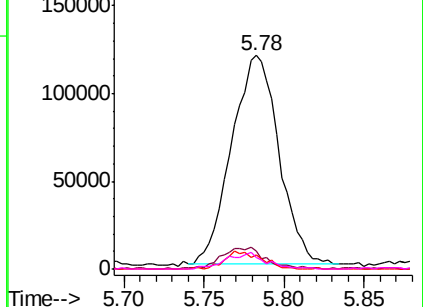


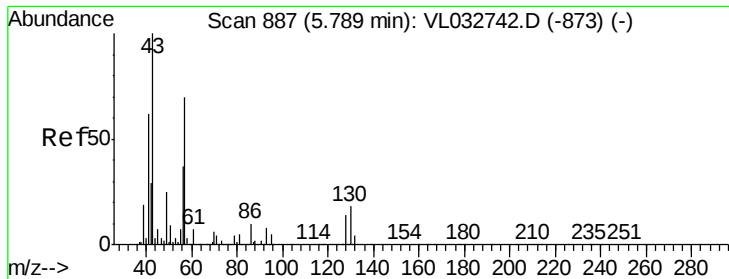
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 1.505 ppbv

RT: 5.79 min Scan# 887

Delta R.T. -0.00 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-04

Tgt Ion: 57 Resp: 189870

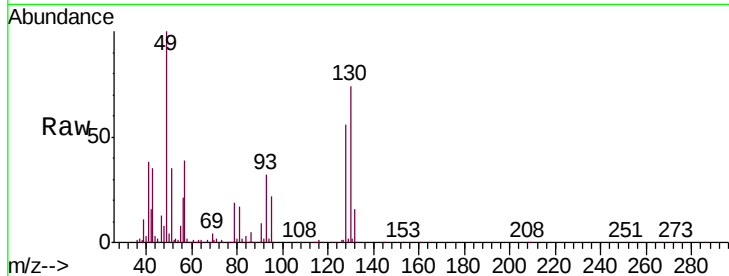
Ion Ratio Lower Upper

57 100

41 130.9 70.3 105.5#

43 0.0 174.0 261.0#

56 68.1 42.3 63.5#

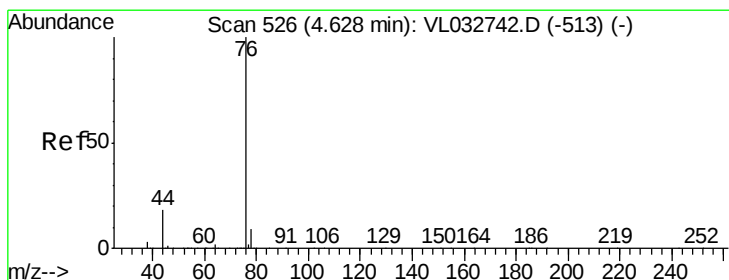
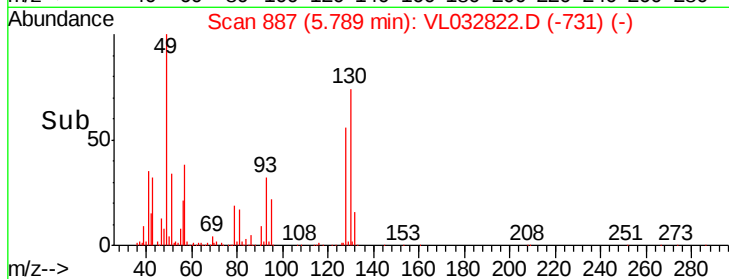
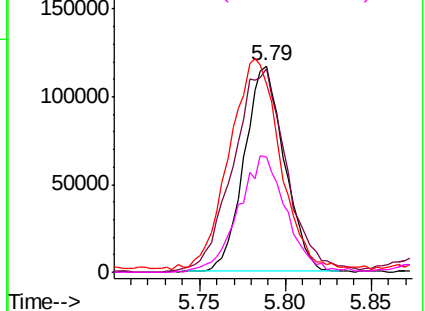


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 0.170 ppbv

RT: 4.62 min Scan# 525

Delta R.T. -0.00 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

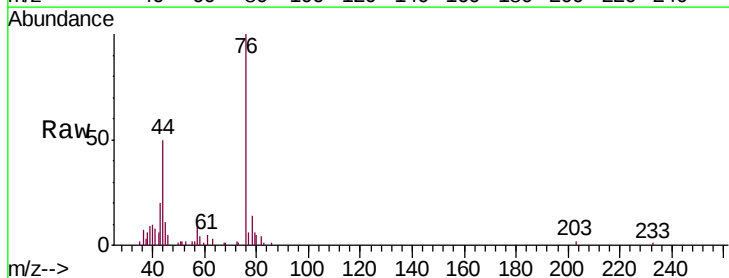
Tgt Ion: 76 Resp: 27251

Ion Ratio Lower Upper

76 100

44 38.8 14.4 21.6#

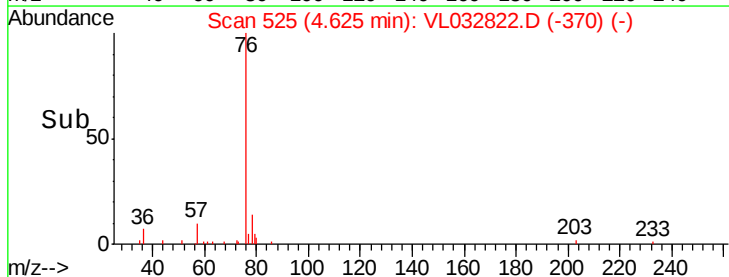
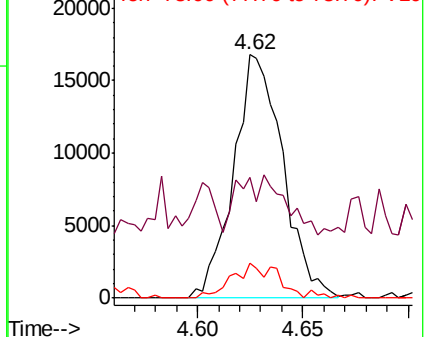
78 14.0 7.7 11.5#

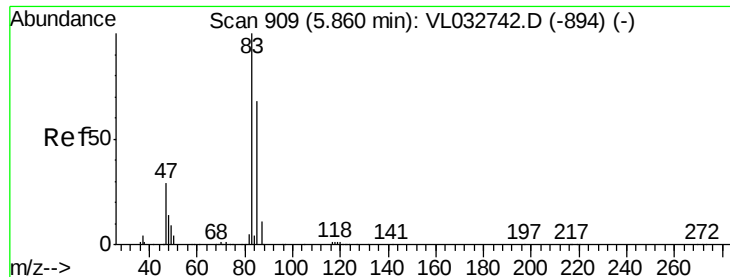


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





#29

Chloroform

Concen: 0.279 ppbv

RT: 5.86 min Scan# 909

Delta R.T. -0.00 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

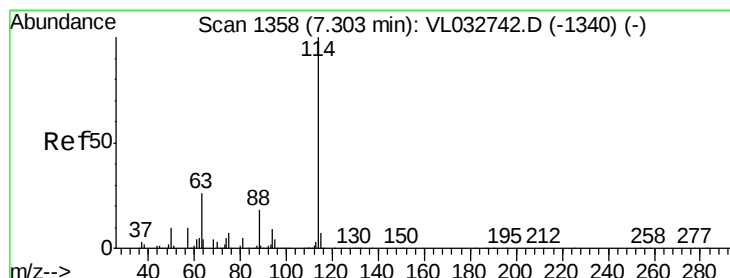
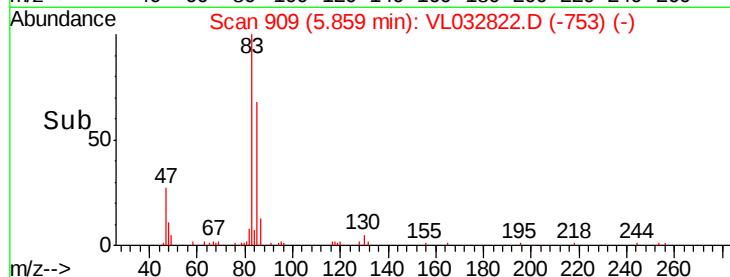
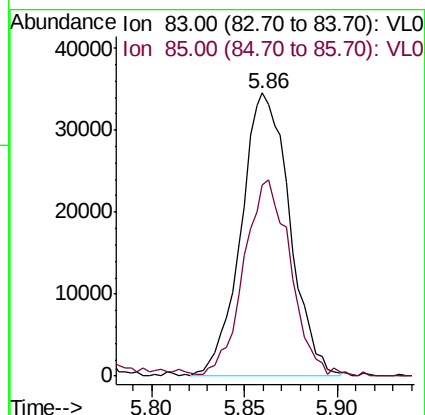
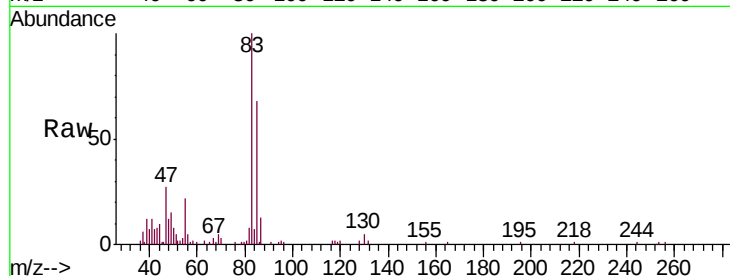
EP2-SV-04

Tgt Ion: 83 Resp: 62775

Ion Ratio Lower Upper

83 100

85 66.6 54.2 81.4



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.31 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

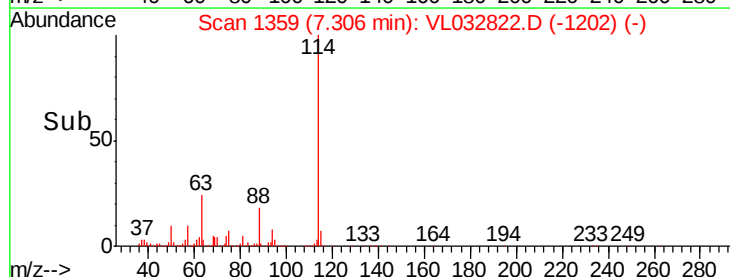
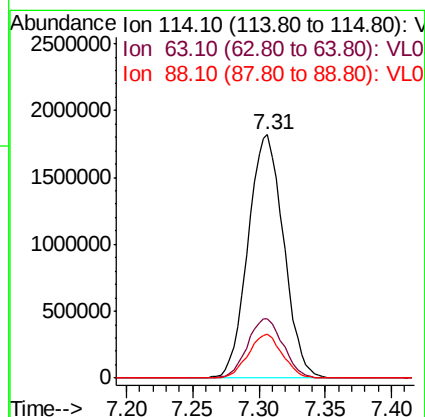
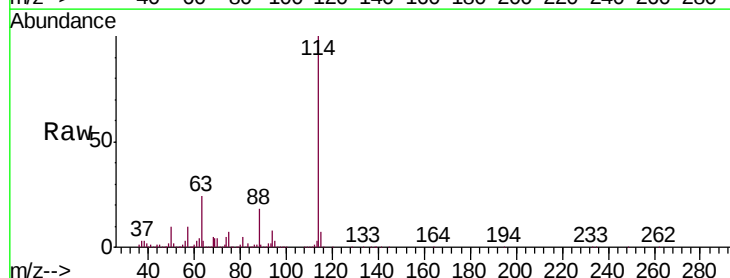
Tgt Ion: 114 Resp: 3383028

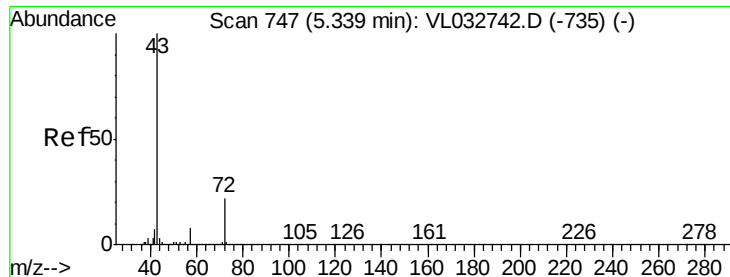
Ion Ratio Lower Upper

114 100

63 24.5 20.9 31.3

88 17.4 14.4 21.6





#34

2-Butanone

Concen: 59.163 ppbv

RT: 5.33 min Scan# 745

Delta R.T. -0.01 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

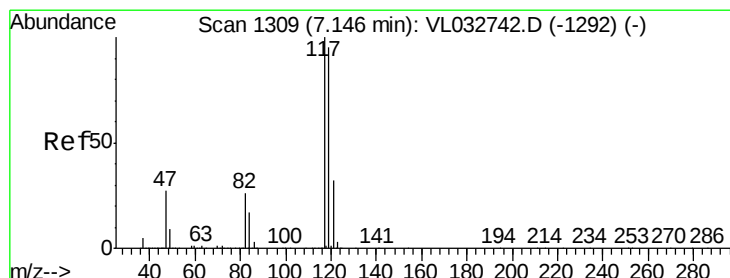
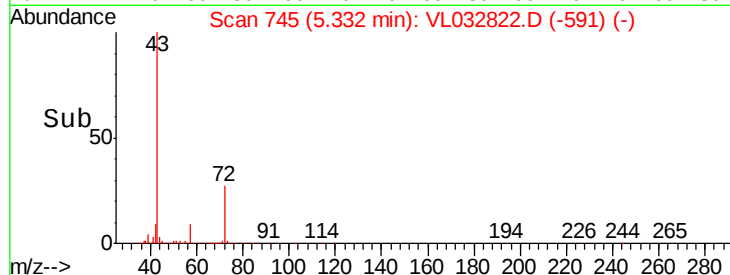
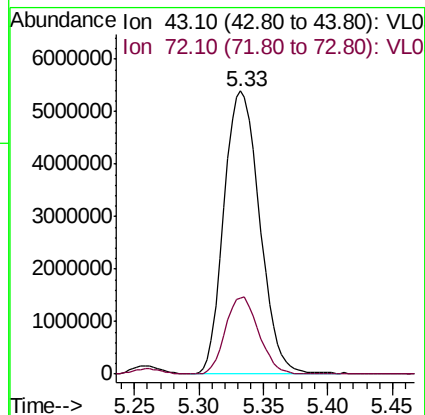
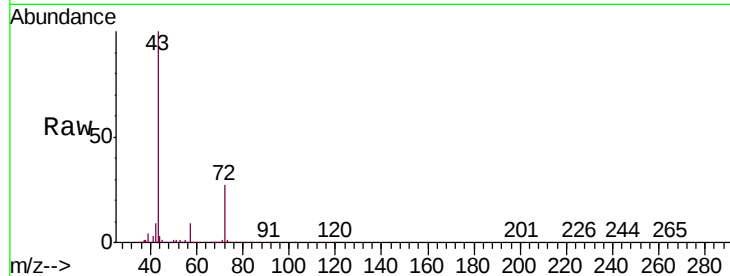
EP2-SV-04

Tgt Ion: 43 Resp:10381043

Ion Ratio Lower Upper

43 100

72 25.6 18.4 27.6



#35

Carbon Tetrachloride

Concen: 0.037 ppbv

RT: 7.15 min Scan# 1310

Delta R.T. 0.00 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

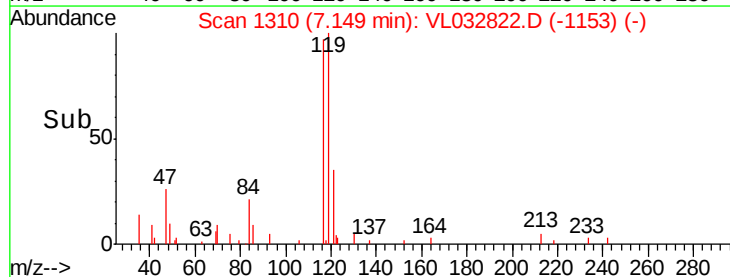
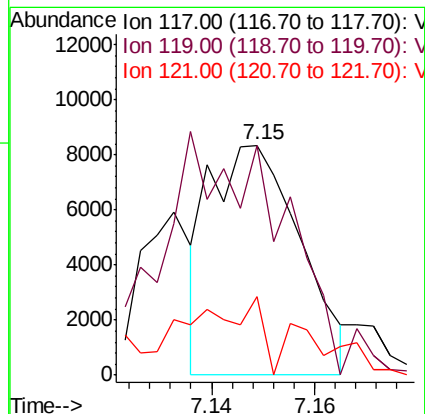
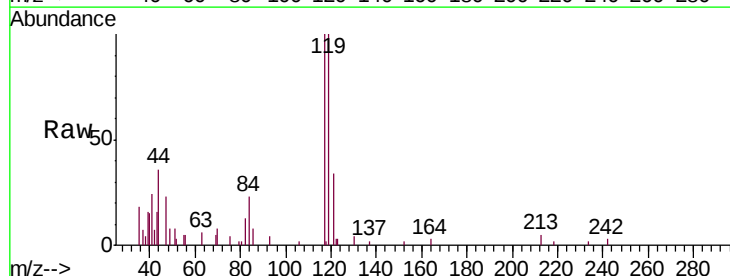
Tgt Ion:117 Resp: 10140

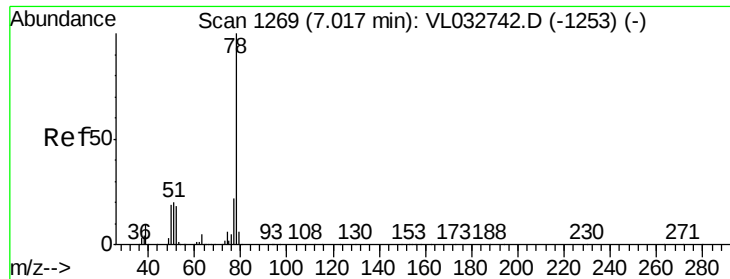
Ion Ratio Lower Upper

117 100

119 127.5 76.1 114.1#

121 27.6 25.4 38.0





#36

Benzene

Concen: 0.365 ppbv

RT: 7.02 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-04

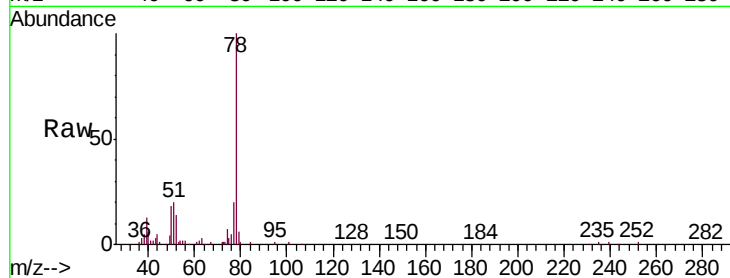
Tgt Ion: 78 Resp: 98454

Ion Ratio Lower Upper

78 100

77 20.2 17.8 26.8

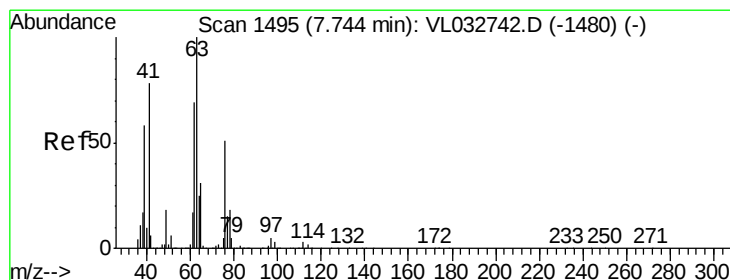
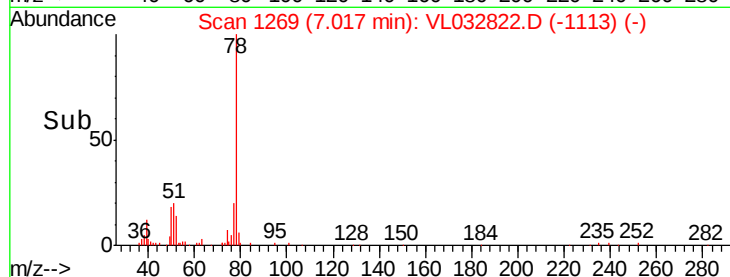
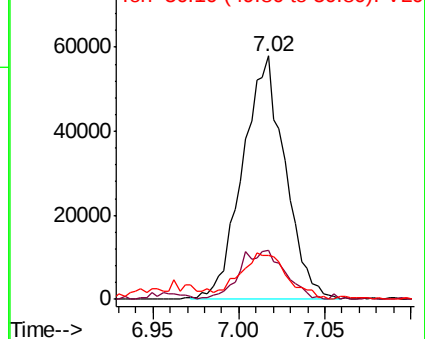
50 17.3 15.4 23.0



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: 8.035 ppbv

RT: 7.30 min Scan# 1358

Delta R.T. -0.44 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

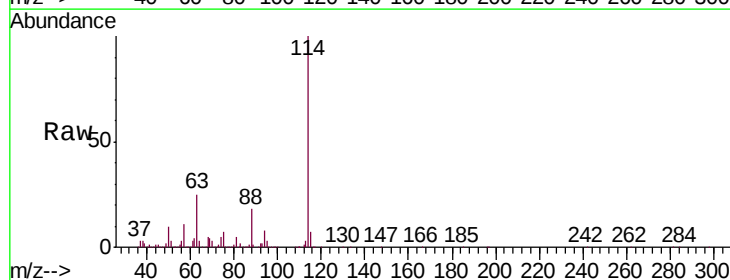
Tgt Ion: 63 Resp: 824762

Ion Ratio Lower Upper

63 100

41 1.9 62.0 93.0#

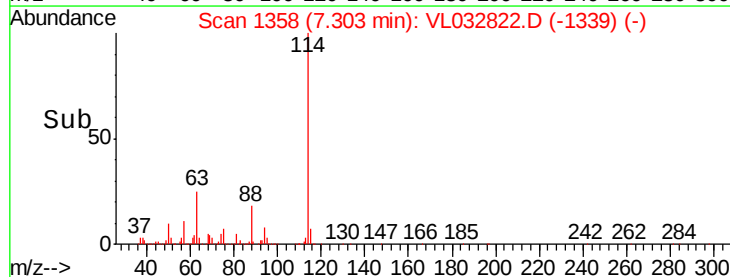
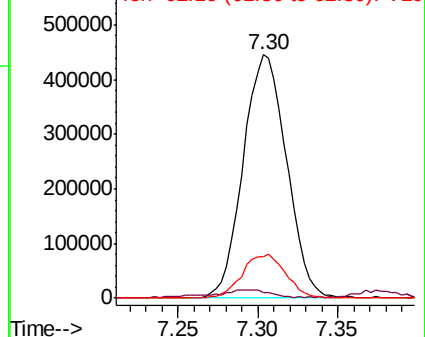
62 16.8 55.4 83.2#

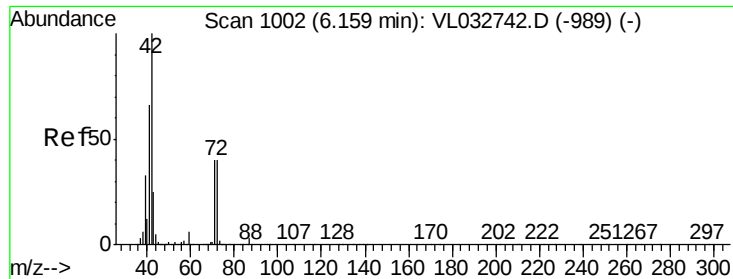


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

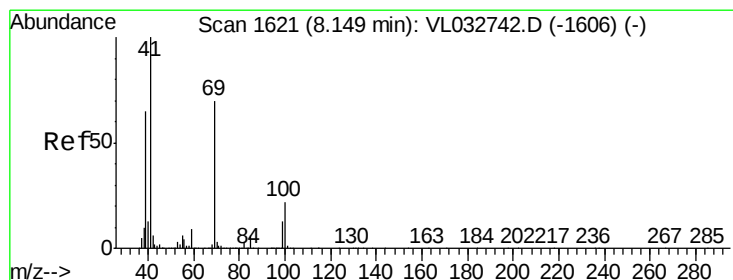
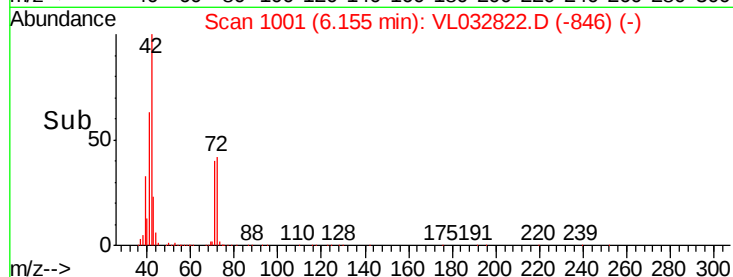
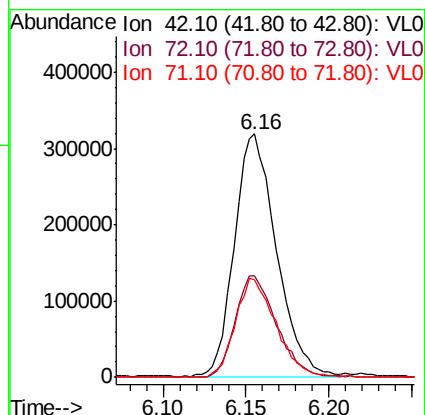
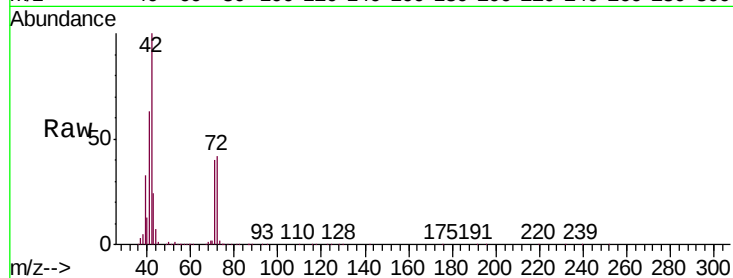




#41
Tetrahydrofuran
Concen: 5.590 ppbv
RT: 6.16 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VL032822.D
Acq: 28 Nov 2018 00:46

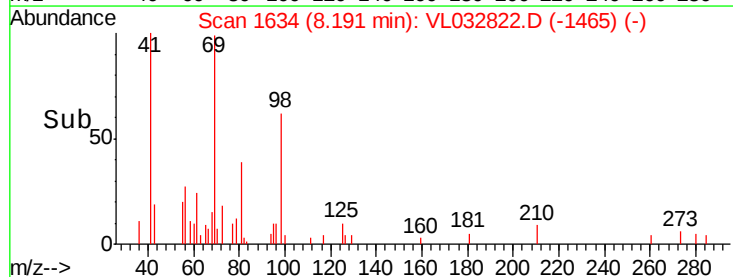
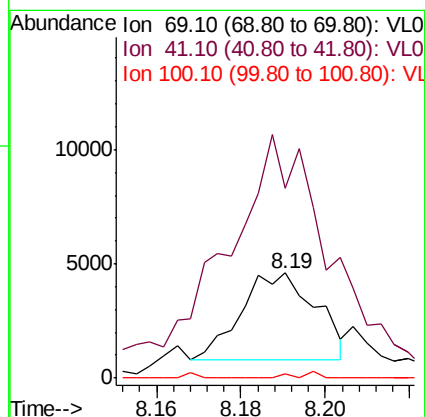
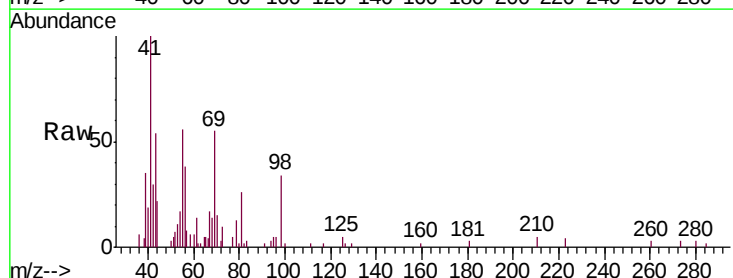
Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-04

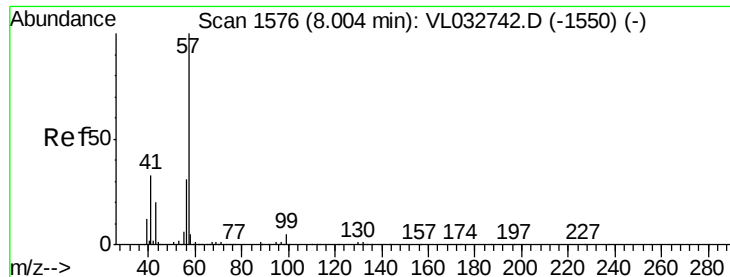
Tgt Ion: 42 Resp: 562607
Ion Ratio Lower Upper
42 100
72 41.6 32.4 48.6
71 39.6 31.6 47.4



#43
Methyl Methacrylate
Concen: 0.047 ppbv
RT: 8.19 min Scan# 1634
Delta R.T. 0.04 min
Lab File: VL032822.D
Acq: 28 Nov 2018 00:46

Tgt Ion: 69 Resp: 4700
Ion Ratio Lower Upper
69 100
41 399.7 115.0 172.4#
100 0.0 25.4 38.0#





#44

2,2,4-Trimethylpentane

Concen: 0.106 ppbv

RT: 8.00 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-04

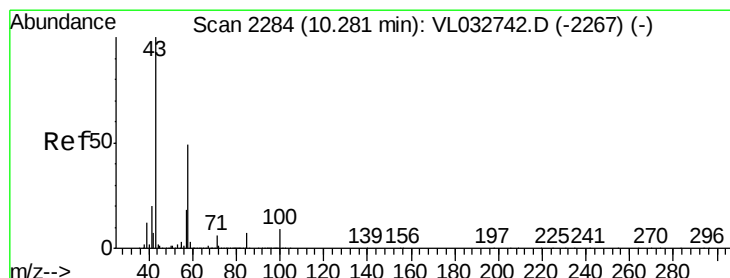
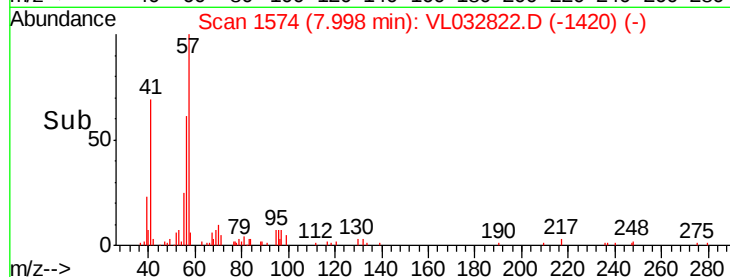
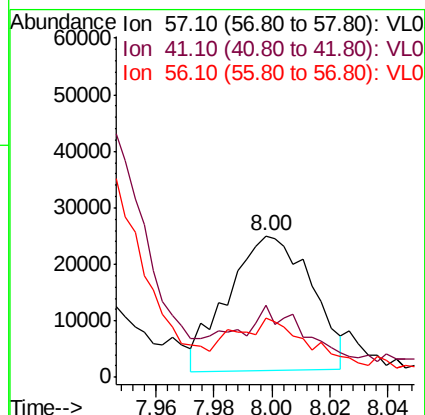
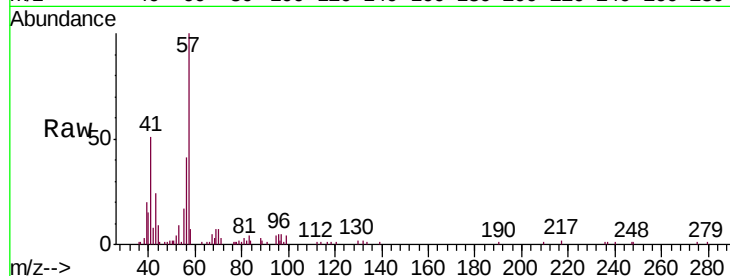
Tgt Ion: 57 Resp: 47765

Ion Ratio Lower Upper

57 100

41 37.0 26.6 39.8

56 52.5 24.8 37.2#



#51

2-Hexanone

Concen: 0.346 ppbv

RT: 10.29 min Scan# 2286

Delta R.T. 0.01 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

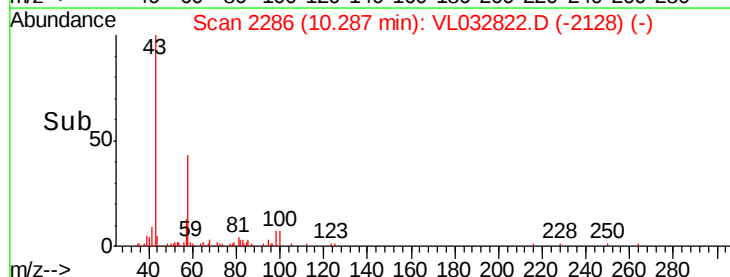
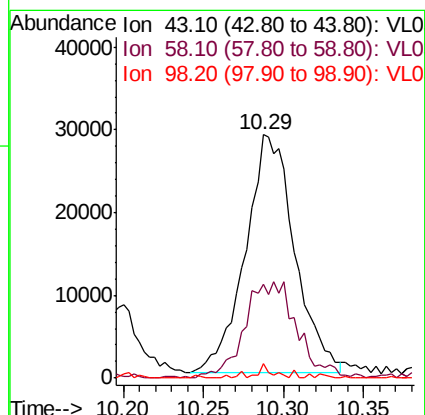
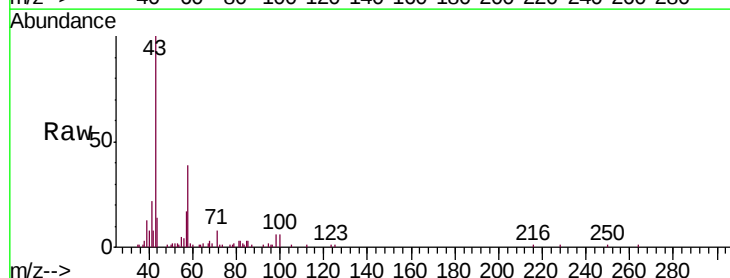
Tgt Ion: 43 Resp: 61050

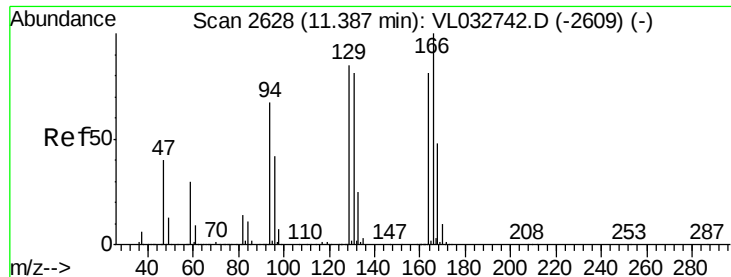
Ion Ratio Lower Upper

43 100

58 42.9 38.9 58.3

98 2.7 0.2 0.4#





#52

Tetrachloroethene

Concen: 17.775 ppbv

RT: 11.39 min Scan# 2628

Delta R.T. -0.00 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-04

Tgt Ion:164 Resp: 1665761

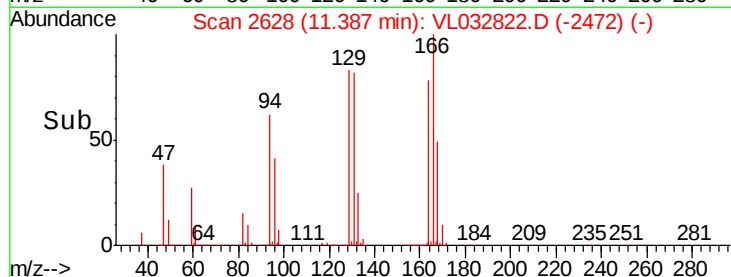
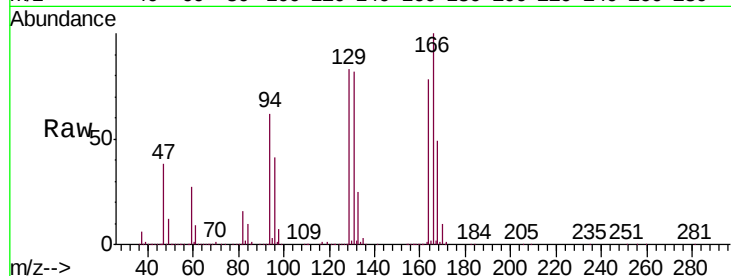
Ion Ratio Lower Upper

164 100

166 127.7 99.3 148.9

129 106.0 83.9 125.9

131 105.1 80.8 121.2

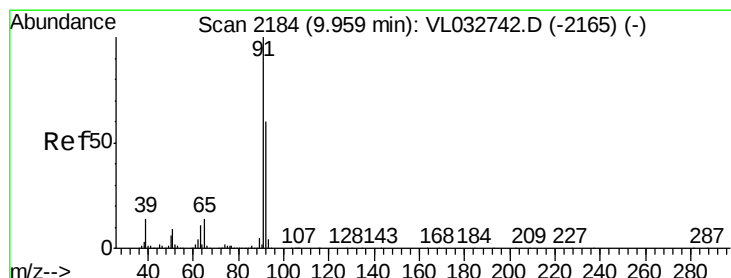
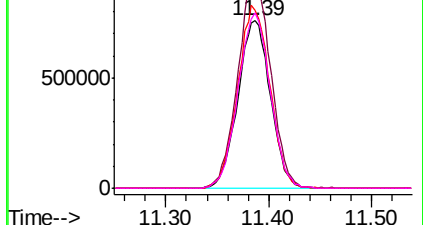


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 5.147 ppbv

RT: 9.96 min Scan# 2183

Delta R.T. -0.00 min

Lab File: VL032822.D

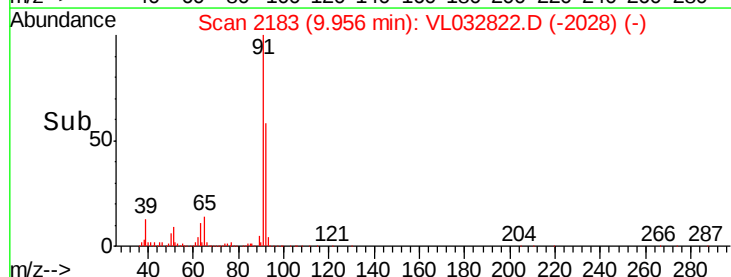
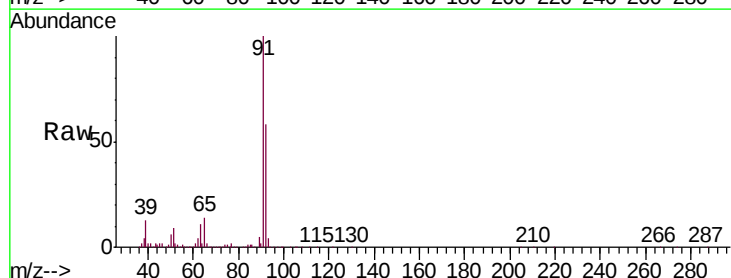
Acq: 28 Nov 2018 00:46

Tgt Ion: 91 Resp: 1446640

Ion Ratio Lower Upper

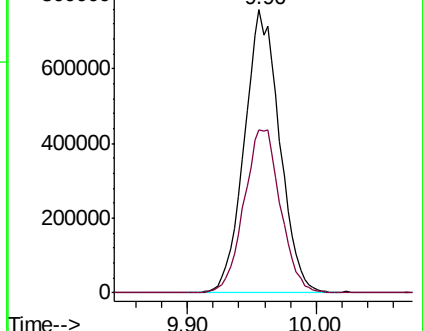
91 100

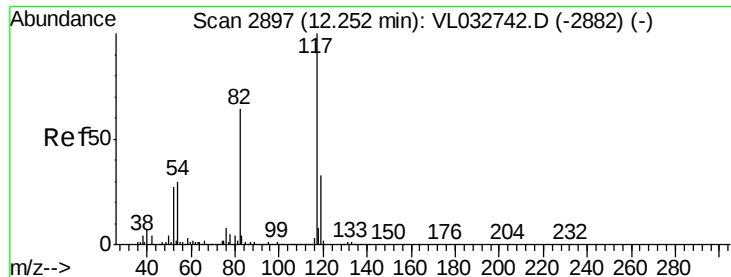
92 59.7 47.9 71.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

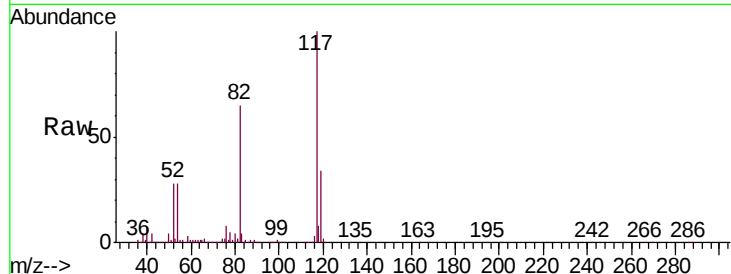




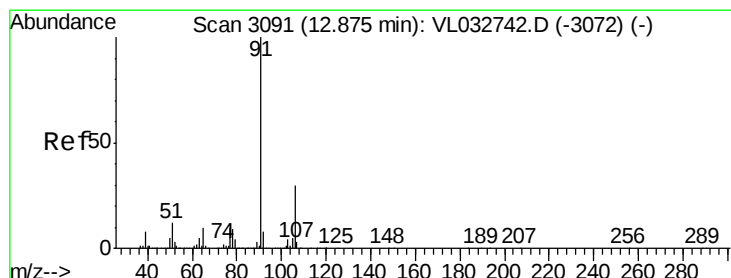
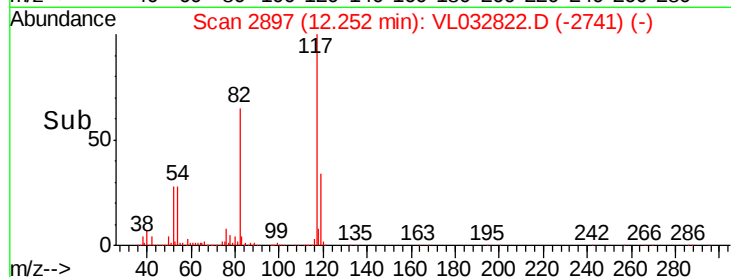
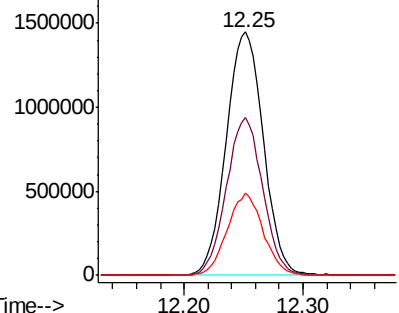
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VL032822.D
Acq: 28 Nov 2018 00:46

Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-04

Tgt Ion:117 Resp: 3129404
Ion Ratio Lower Upper
117 100
82 63.4 51.0 76.6
119 32.7 28.0 42.0

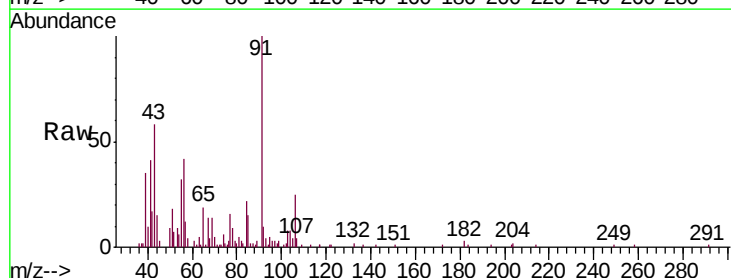


Abundance Ion 117.10 (116.80 to 117.80): V
2000000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

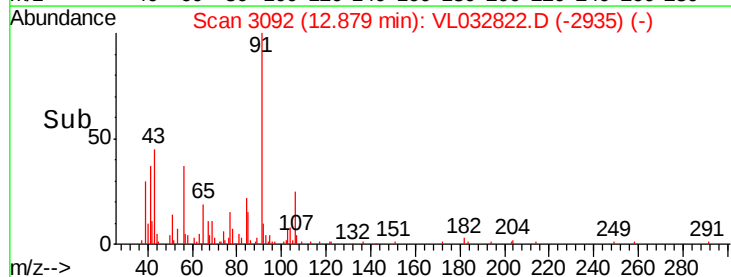
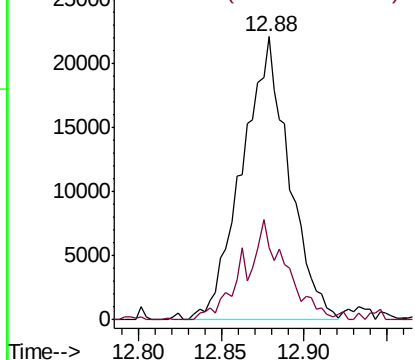


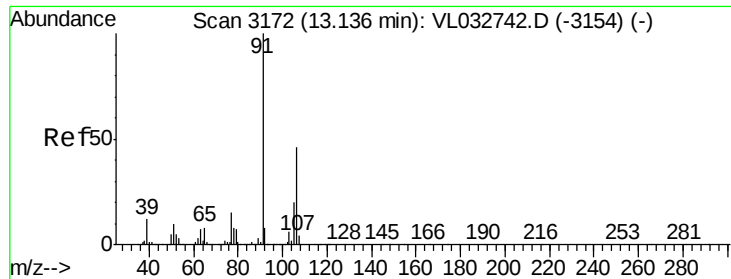
#58
Ethyl Benzene
Concen: 0.116 ppbv
RT: 12.88 min Scan# 3092
Delta R.T. 0.00 min
Lab File: VL032822.D
Acq: 28 Nov 2018 00:46

Tgt Ion: 91 Resp: 43512
Ion Ratio Lower Upper
91 100
106 25.4 23.6 35.4



Abundance Ion 91.10 (90.80 to 91.80): VL0
25000
Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 0.175 ppbv

RT: 13.13 min Scan# 3170

Delta R.T. -0.01 min

Lab File: VL032822.D

Acq: 28 Nov 2018 00:46

Instrument :

MSVOA_L

ClientSampleId :

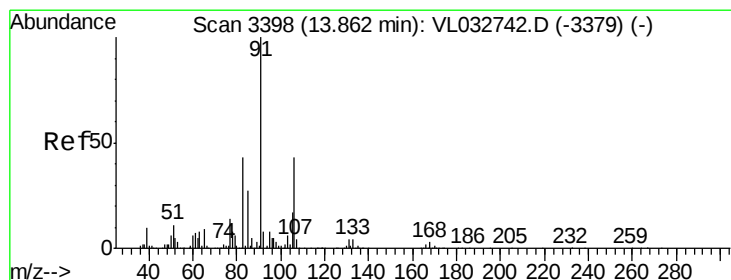
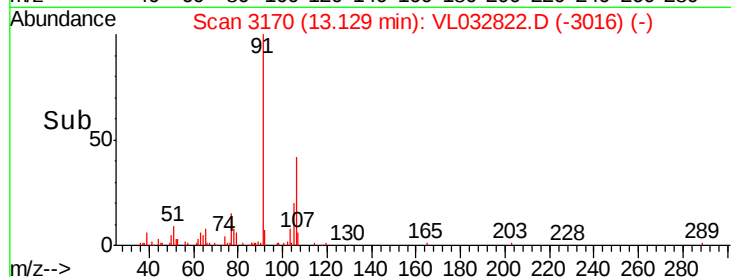
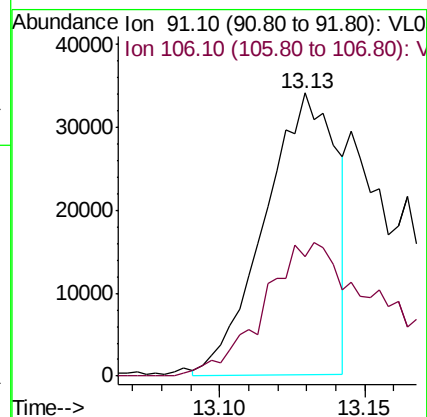
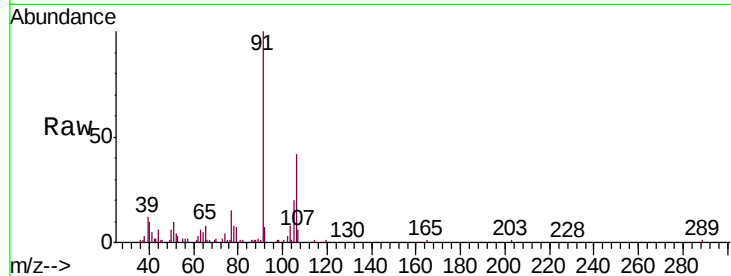
EP2-SV-04

Tgt Ion: 91 Resp: 58507

Ion Ratio Lower Upper

91 100

106 80.8 36.1 54.1#



#60

o-Xylene

Concen: 0.053 ppbv

RT: 13.86 min Scan# 3397

Delta R.T. -0.00 min

Lab File: VL032822.D

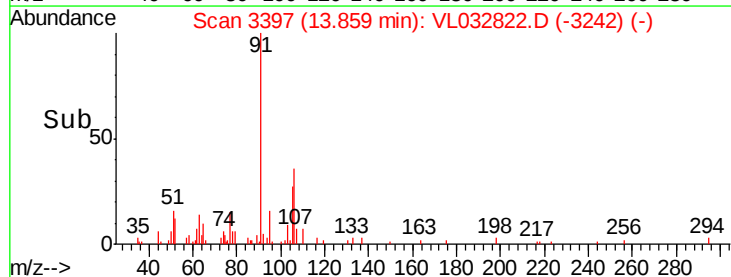
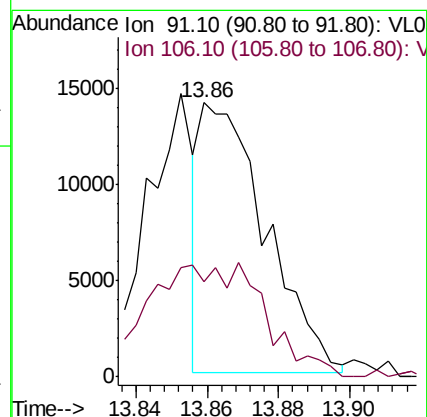
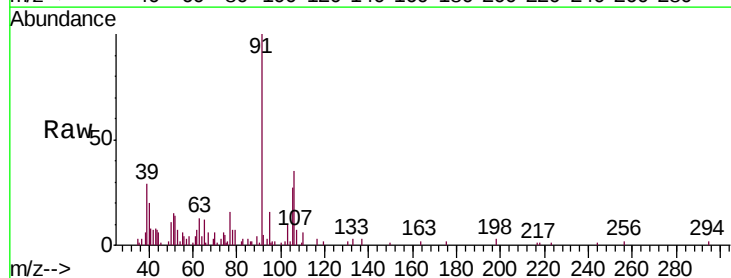
Acq: 28 Nov 2018 00:46

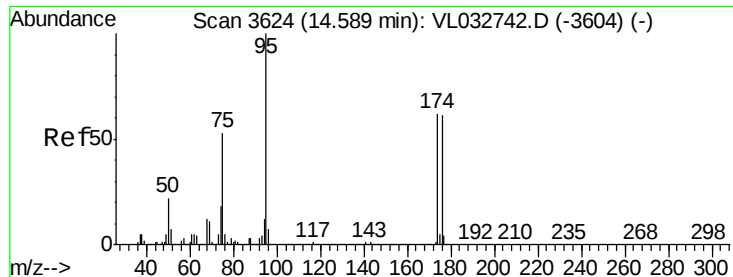
Tgt Ion: 91 Resp: 17838

Ion Ratio Lower Upper

91 100

106 77.0 21.9 65.7#

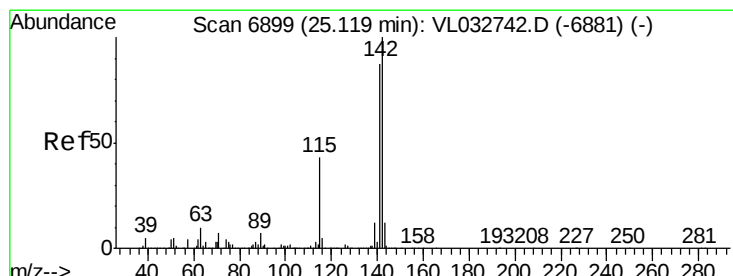
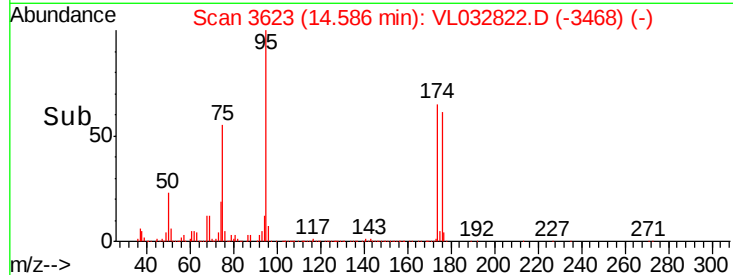
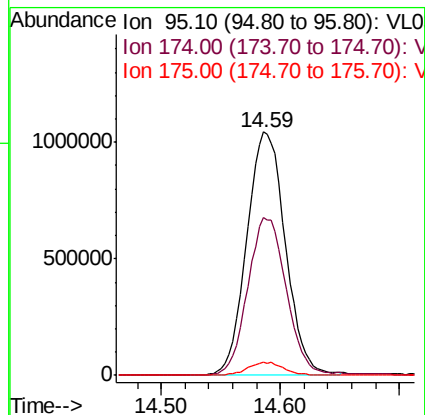
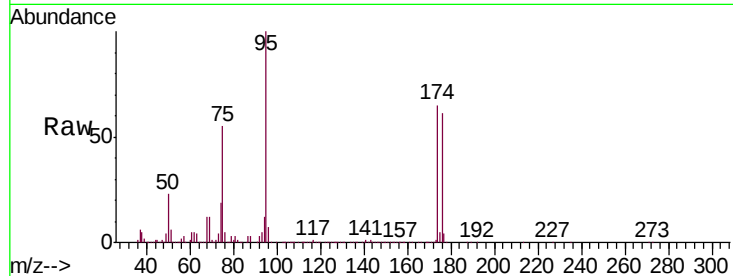




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.011 ppbv
 RT: 14.59 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VL032822.D
 Acq: 28 Nov 2018 00:46

Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-SV-04

Tgt Ion: 95 Resp: 2343279
 Ion Ratio Lower Upper
 95 100
 174 65.8 50.7 76.1
 175 5.0 3.8 5.6



#80
 Naphthalene, 2-methyl-
 Concen: 0.062 ppbv
 RT: 25.13 min Scan# 6902
 Delta R.T. 0.01 min
 Lab File: VL032822.D
 Acq: 28 Nov 2018 00:46

Tgt Ion: 142 Resp: 3959
 Ion Ratio Lower Upper
 142 100
 141 85.1 68.7 103.1
 115 42.9 35.5 53.3

