

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
 Data File : VL033521.D
 Acq On : 30 Mar 2019 3:35
 Operator : SY/AP
 Sample : K2042-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 30 04:06:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	802291	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1844858	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1859892	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1466057	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.07	85	48649	0.42	ppbv	100
3) Chlorodifluoromethane	2.99	51	1848077	20.01	ppbv #	59
4) Chloromethane	3.17	50	27471	0.56	ppbv	96
9) Propene	3.24	41	184608	4.76	ppbv	100
10) Heptane	8.25	43	30189	0.29	ppbv	99
11) Trichlorofluoromethane	4.00	101	39897	0.28	ppbv	90
12) 1,1,2-Trichlorotrifluoroet	4.55	101	5836	0.06	ppbv #	59
13) Ethanol	3.65	45	1486878	148.13	ppbv	65
15) Acetone	3.90	43	812344	8.42	ppbv	98
16) 1,3-Butadiene	3.34	39	24855	0.65	ppbv #	36
17) tert-Butyl alcohol	4.37	59	95520	5.39	ppbv #	92
19) Isopropyl Alcohol	4.03	45	165932	2.72	ppbv #	1
20) Methylene Chloride	4.41	84	468489	11.44	ppbv	95
21) Allyl Chloride	4.43	41	2724	0.04	ppbv #	1
23) Vinyl Acetate	5.15	43	6677	0.05	ppbv #	68
25) Ethyl Acetate	5.78	43	265685	1.48	ppbv #	87
26) Hexane	5.78	57	290177	3.65	ppbv #	47
27) Carbon Disulfide	4.62	76	3593	0.04	ppbv #	71
29) Chloroform	5.84	83	13739	0.10	ppbv	88
30) Cyclohexane	7.25	84	3238	0.05	ppbv #	1
31) cis-1,2-Dichloroethene	5.64	61	2798	0.04	ppbv #	80
34) 2-Butanone	5.33	43	75866	0.68	ppbv	98
35) Carbon Tetrachloride	7.13	117	4173	0.03	ppbv #	40
36) Benzene	7.00	78	75251	0.49	ppbv	95
38) Trichloroethene	7.97	130	12406	0.21	ppbv	88
39) 1,2-Dichloropropane	7.29	63	482038	7.95	ppbv #	24
44) 2,2,4-Trimethylpentane	7.99	57	43382	0.16	ppbv #	67
53) Toluene	9.95	91	1154488	6.42	ppbv	100
58) Ethyl Benzene	12.86	91	20398	0.08	ppbv	97
59) m/p-Xylene	13.15	91	28661	0.13	ppbv #	100
60) o-Xylene	13.85	91	23397	0.11	ppbv	69
61) Styrene	13.69	104	211662	1.44	ppbv	97
74) 1,2,4-Trimethylbenzene	16.93	105	9572	0.04	ppbv #	68

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

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MSVOA_L
ClientSampleId :

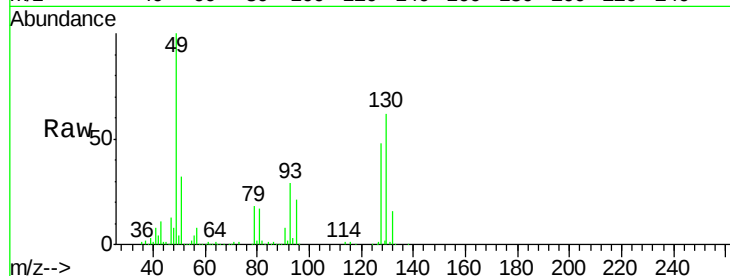
Tot Ion: 49 Resp: 802291

Ion Ratio Lower Upper

49 100

128 48.7 24.0 72.0

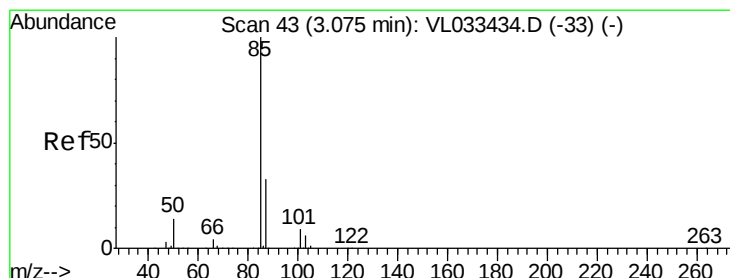
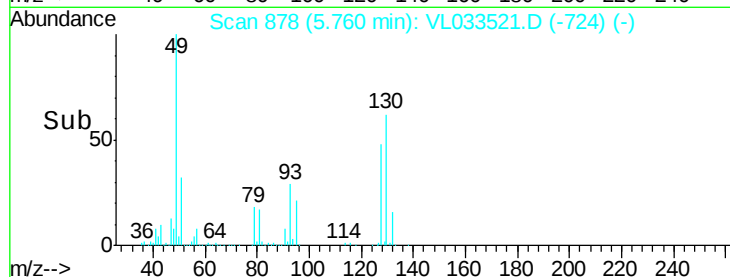
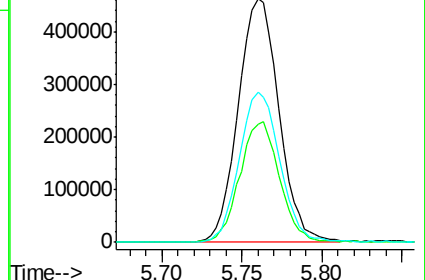
130 61.8 31.2 93.6



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.42 ppbv

RT: 3.07 min Scan# 43

Delta R.T. -0.00 min

Lab File: VL033521.D

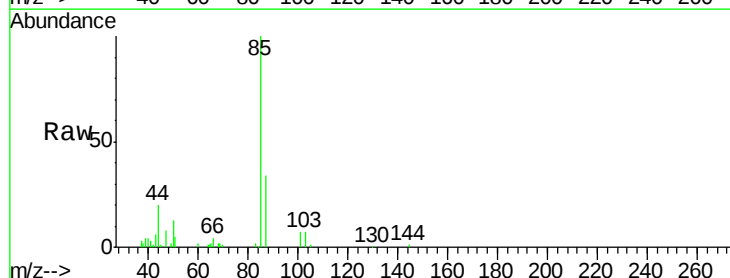
Acq: 30 Mar 2019 3:35

Tgt Ion: 85 Resp: 48649

Ion Ratio Lower Upper

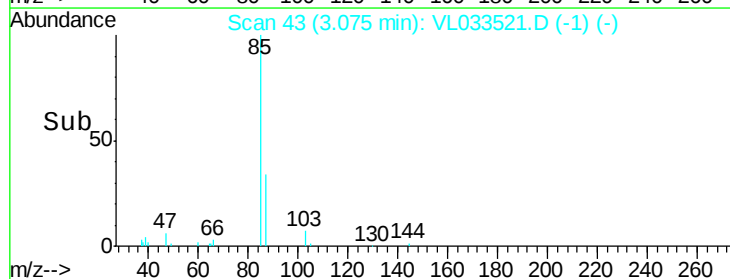
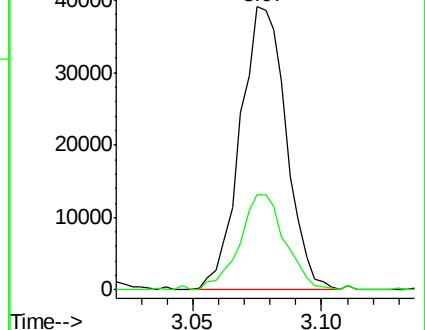
85 100

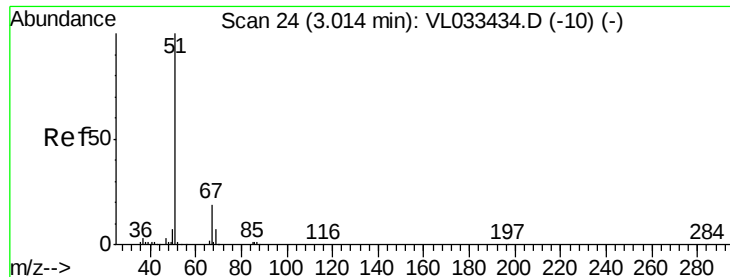
87 33.6 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 20.01 ppbv

RT: 2.99 min Scan# 16

Delta R.T. -0.03 min

Lab File: VL033521.D

Acq: 30 Mar 2019 3:35

Instrument :

MSVOA_L

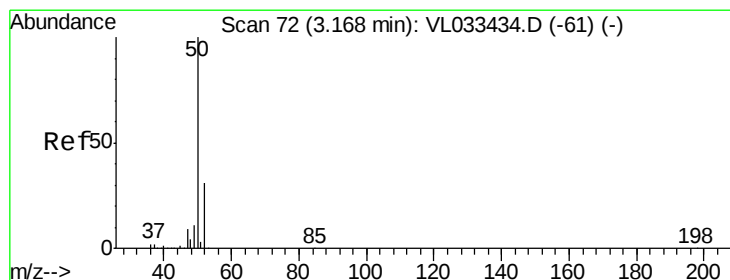
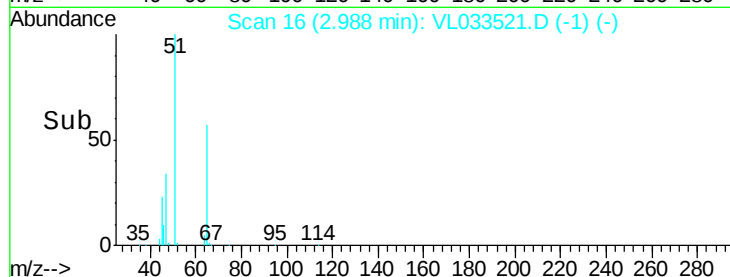
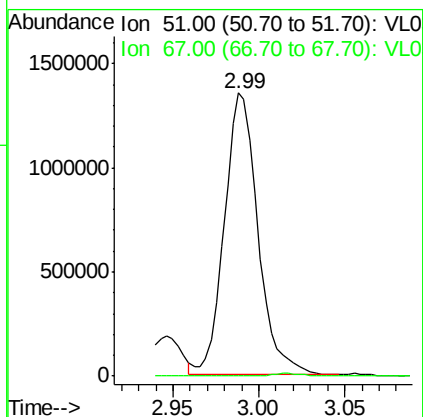
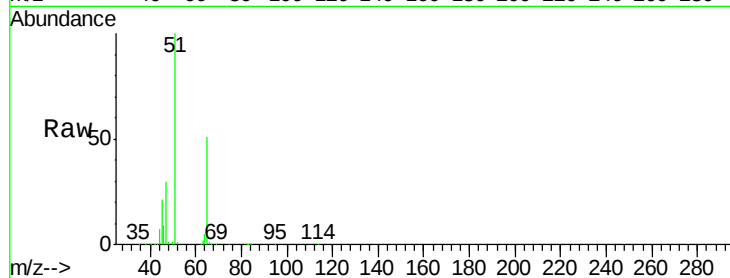
ClientSampled :

Tot Ion: 51 Resp: 1848077

Ion Ratio Lower Upper

51 100

67 0.9 15.7 23.5#



#4

Chloromethane

Concen: 0.56 ppbv

RT: 3.17 min Scan# 73

Delta R.T. 0.00 min

Lab File: VL033521.D

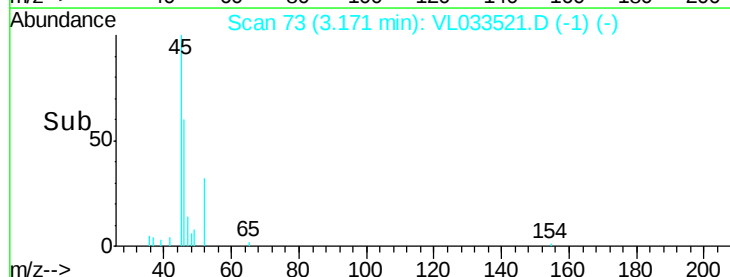
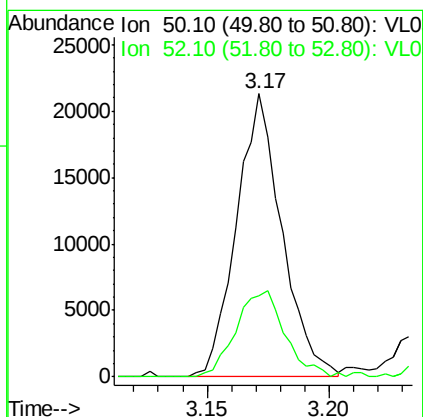
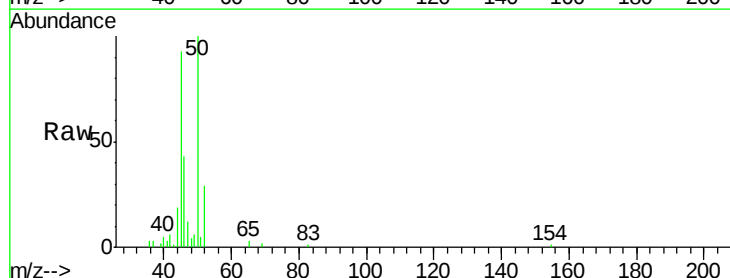
Acq: 30 Mar 2019 3:35

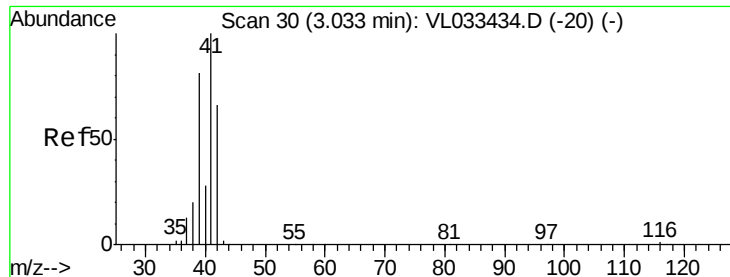
Tgt Ion: 50 Resp: 27471

Ion Ratio Lower Upper

50 100

52 28.8 25.0 37.6





#9

Propene

Concen: 4.76 ppbv

RT: 3.24 min Scan# 94

Delta R.T. 0.21 min

Lab File: VL033521.D

Acq: 30 Mar 2019 3:35

Instrument :

MSVOA_L

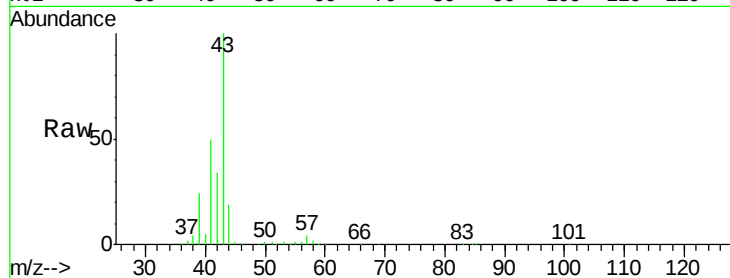
ClientSampleId :

Tot Ion: 41 Resp: 184608

Ion Ratio Lower Upper

41 100

42 67.1 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.24

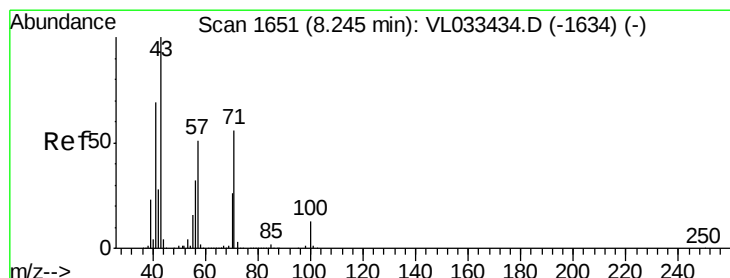
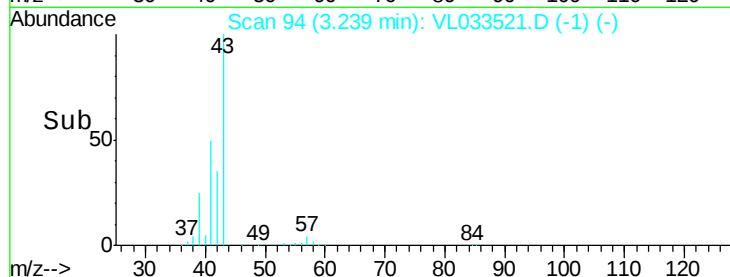
150000

100000

50000

0

Time-->



#10

Heptane

Concen: 0.29 ppbv

RT: 8.25 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VL033521.D

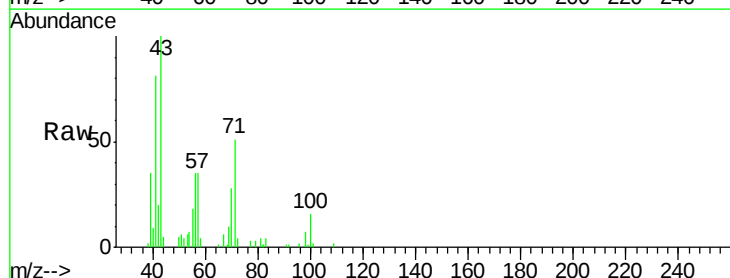
Acq: 30 Mar 2019 3:35

Tgt Ion: 43 Resp: 30189

Ion Ratio Lower Upper

43 100

57 51.6 40.6 60.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.25

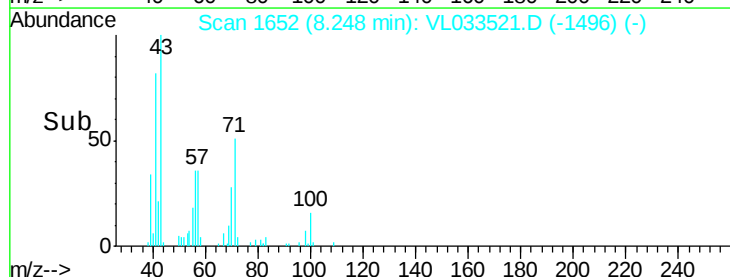
15000

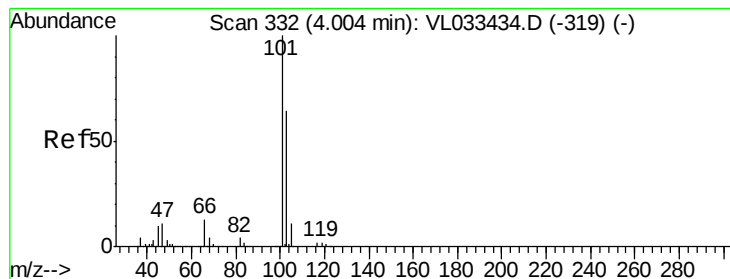
10000

5000

0

Time-->





#11

Trichlorofluoromethane

Concen: 0.28 ppbv

RT: 4.00 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL033521.D

Acq: 30 Mar 2019 3:35

Instrument :

MSVOA_L

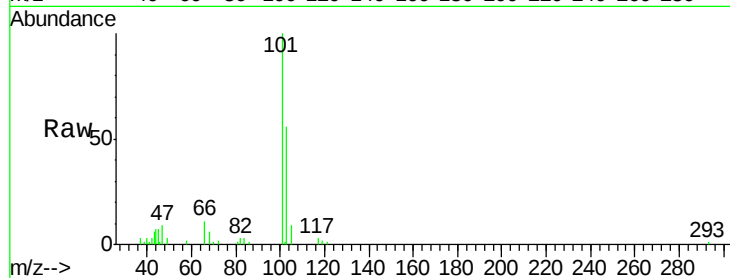
ClientSampleId :

Tot Ion:101 Resp: 39897

Ion Ratio Lower Upper

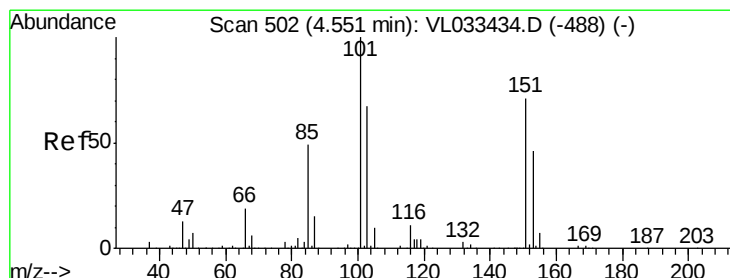
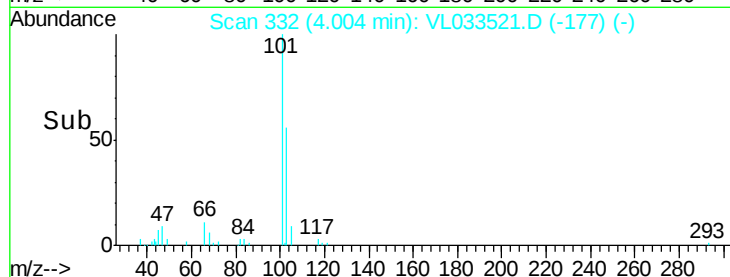
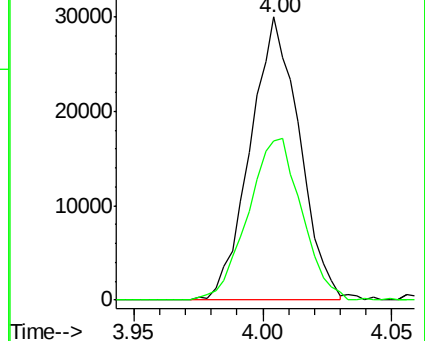
101 100

103 56.0 51.3 76.9



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: 0.06 ppbv

RT: 4.55 min Scan# 502

Delta R.T. -0.00 min

Lab File: VL033521.D

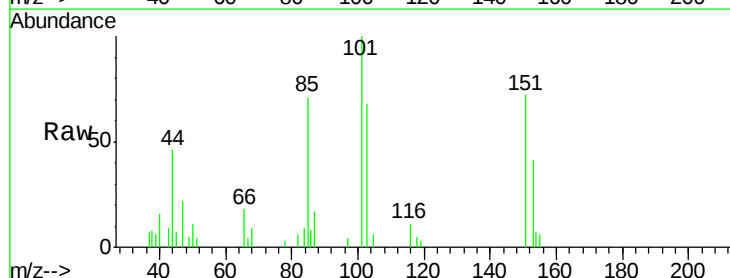
Acq: 30 Mar 2019 3:35

Tgt Ion:101 Resp: 5836

Ion Ratio Lower Upper

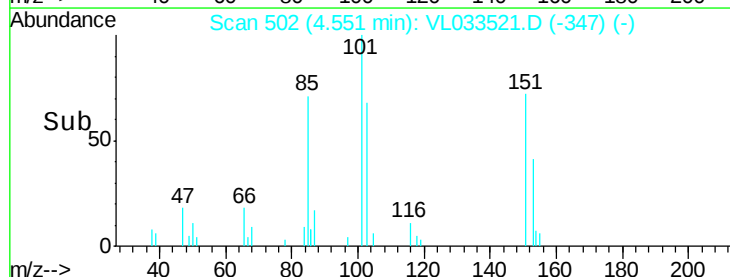
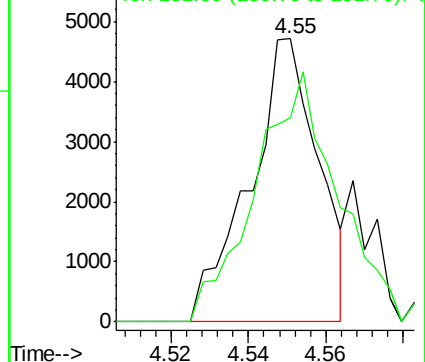
101 100

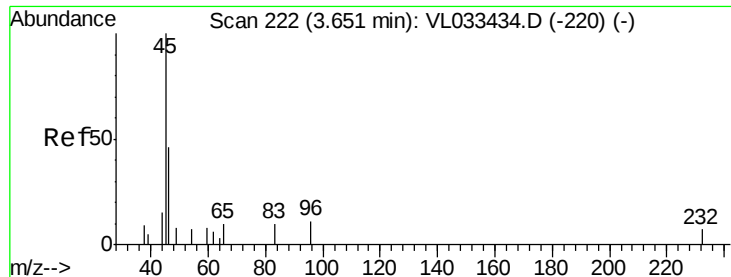
151 106.2 57.7 86.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

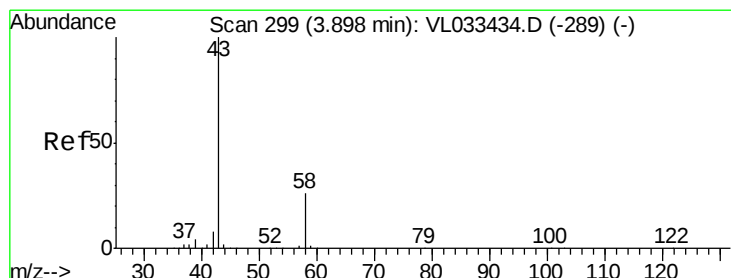
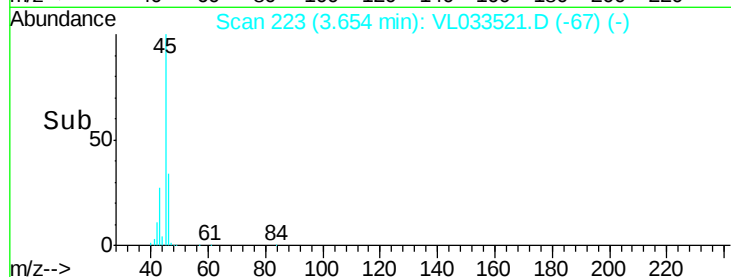
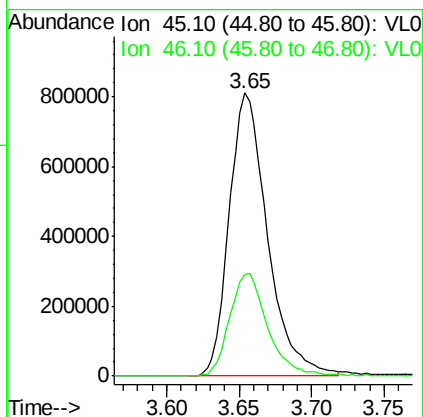
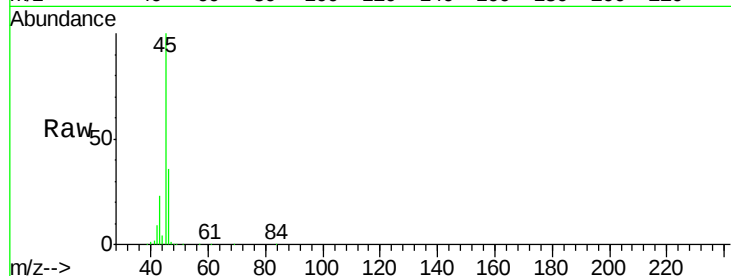




#13
 Ethanol
 Concen: 148.13 ppbv
 RT: 3.65 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VL033521.D
 Acq: 30 Mar 2019 3:35

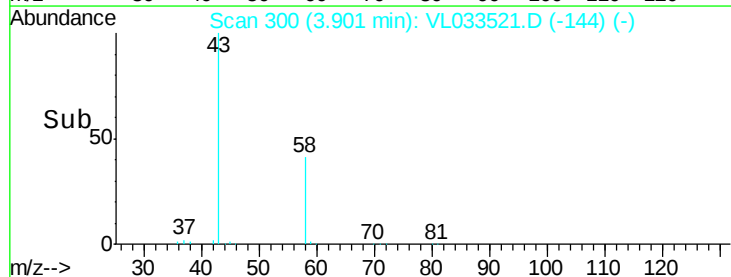
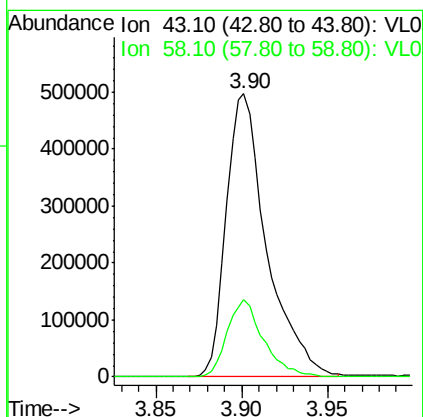
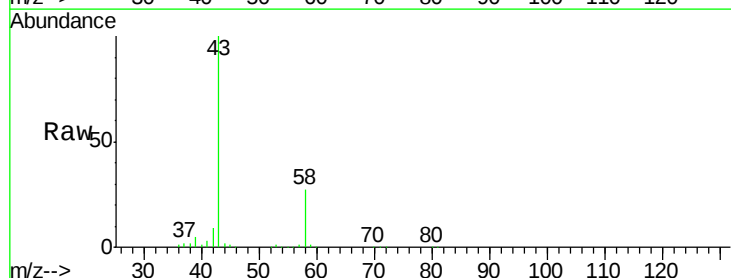
Instrument :
 MSVOA_L
 ClientSampled :

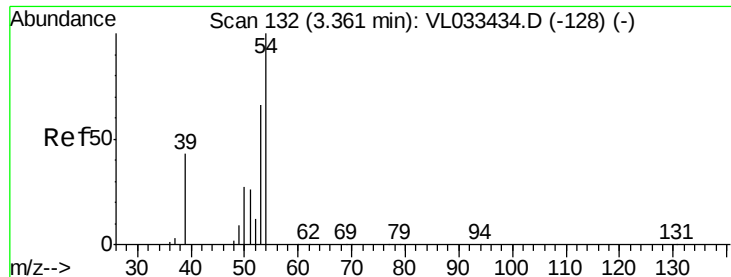
Tot Ion: 45 Resp: 1486878
 Ion Ratio Lower Upper
 45 100
 46 36.4 25.4 101.8



#15
 Acetone
 Concen: 8.42 ppbv
 RT: 3.90 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: VL033521.D
 Acq: 30 Mar 2019 3:35

Tgt Ion: 43 Resp: 812344
 Ion Ratio Lower Upper
 43 100
 58 24.6 20.5 30.7

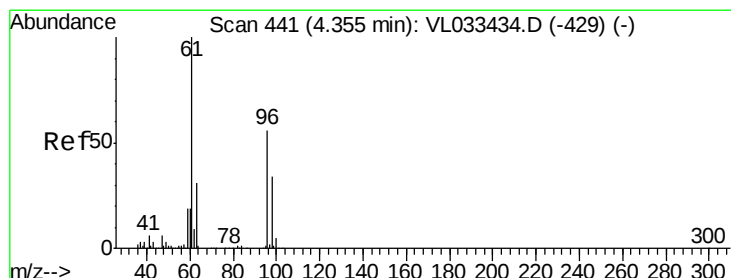
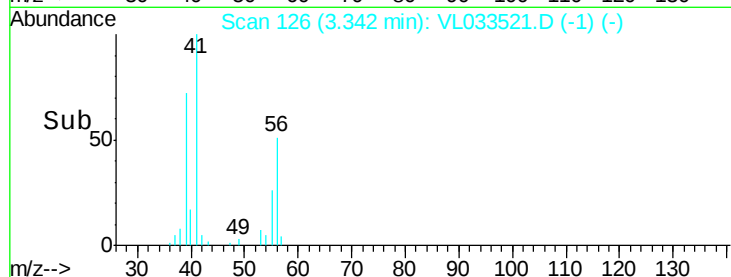
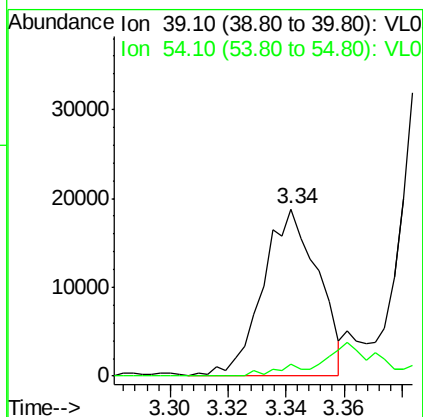
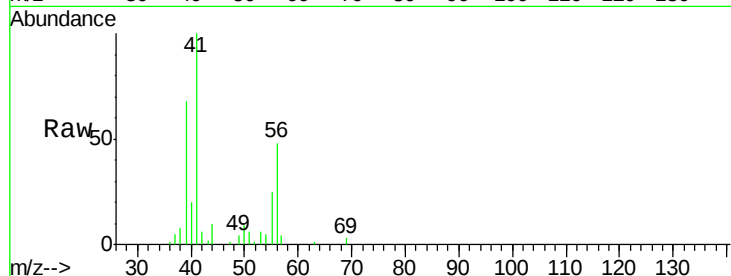




#16
 1,3-Butadiene
 Concen: 0.65 ppbv
 RT: 3.34 min Scan# 126
 Delta R.T. -0.02 min
 Lab File: VL033521.D
 Acq: 30 Mar 2019 3:35

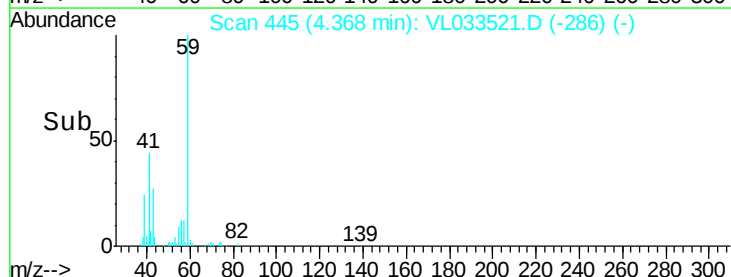
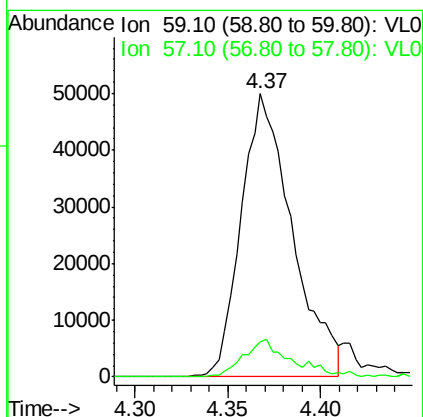
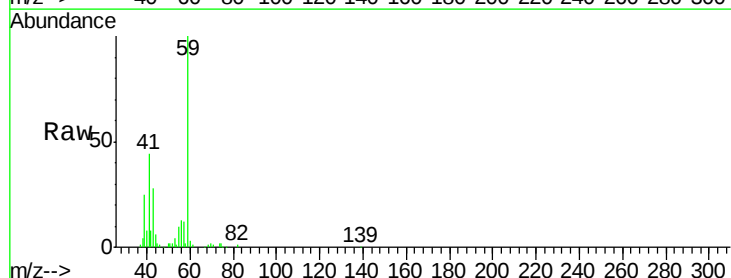
Instrument :
 MSVOA_L
 ClientSampleId :

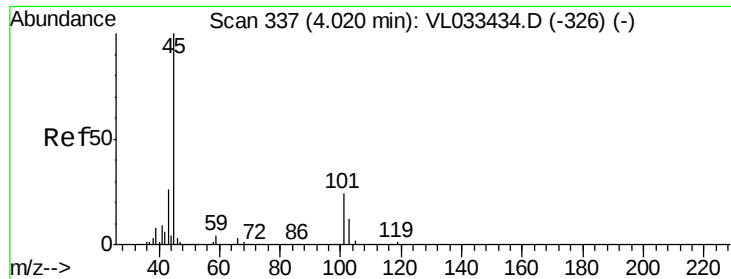
Tot Ion: 39 Resp: 24855
 Ion Ratio Lower Upper
 39 100
 54 28.1 69.4 104.2#



#17
 tert-Butyl alcohol
 Concen: 5.39 ppbv
 RT: 4.37 min Scan# 445
 Delta R.T. 0.01 min
 Lab File: VL033521.D
 Acq: 30 Mar 2019 3:35

Tgt Ion: 59 Resp: 95520
 Ion Ratio Lower Upper
 59 100
 57 12.8 7.8 11.8#



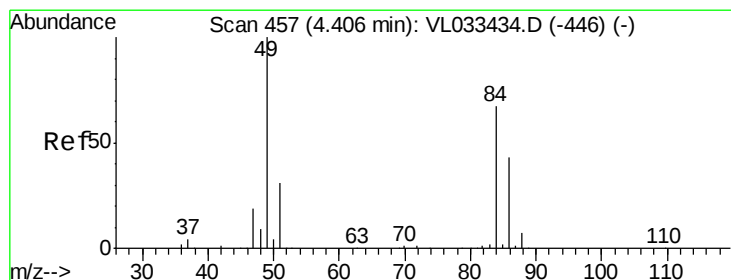
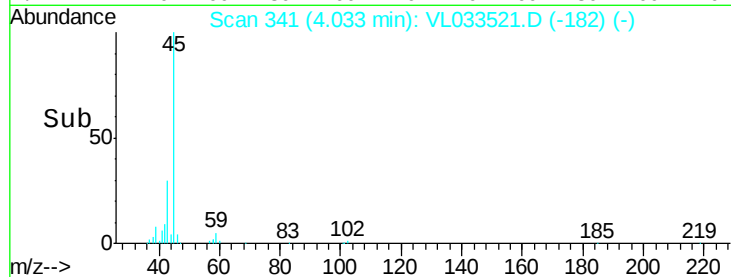
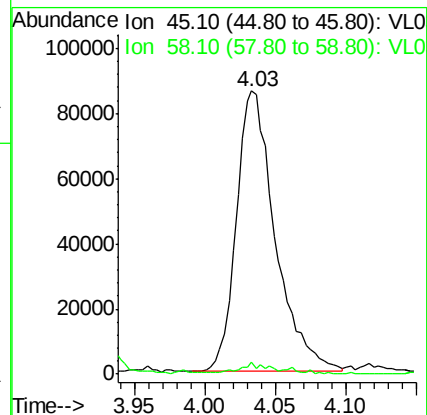
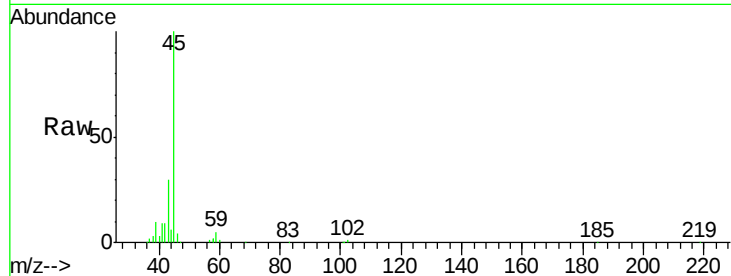


#19

Isopropyl Alcohol
 Concen: 2.72 ppbv
 RT: 4.03 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VL033521.D
 Acq: 30 Mar 2019 3:35

Instrument :
 MSVOA_L
 ClientSampleId :

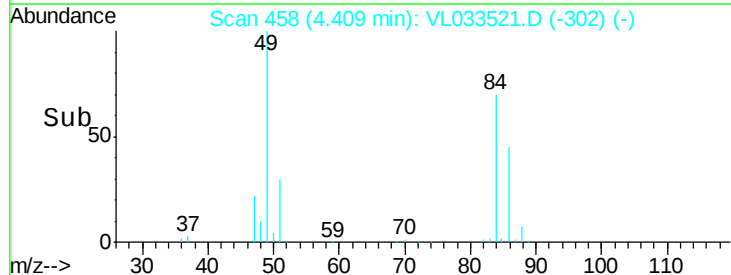
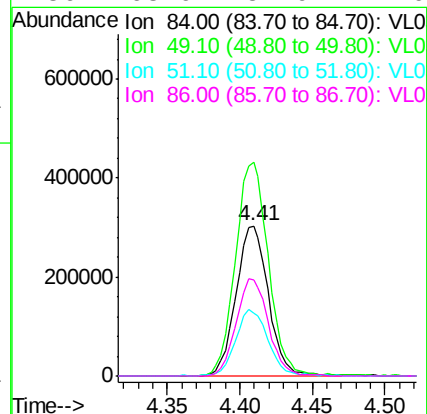
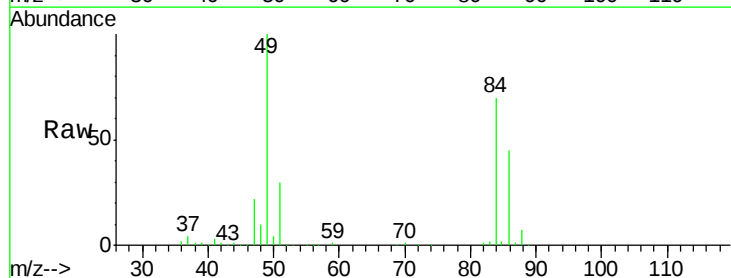
Tot Ion: 45 Resp: 165932
 Ion Ratio Lower Upper
 45 100
 58 121.0 1.4 2.2#

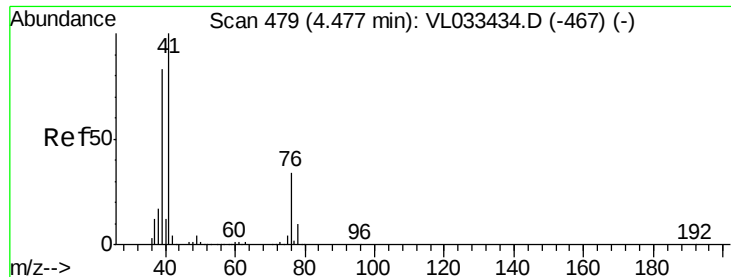


#20

Methylene Chloride
 Concen: 11.44 ppbv
 RT: 4.41 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: VL033521.D
 Acq: 30 Mar 2019 3:35

Tgt Ion: 84 Resp: 468489
 Ion Ratio Lower Upper
 84 100
 49 142.3 120.0 180.0
 51 41.9 36.7 55.1
 86 63.9 51.9 77.9

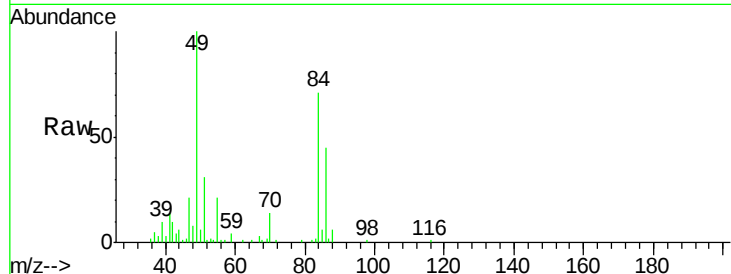




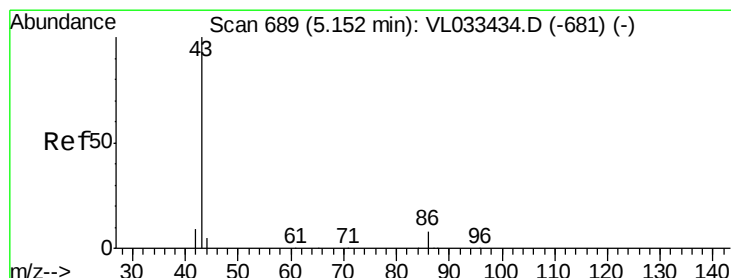
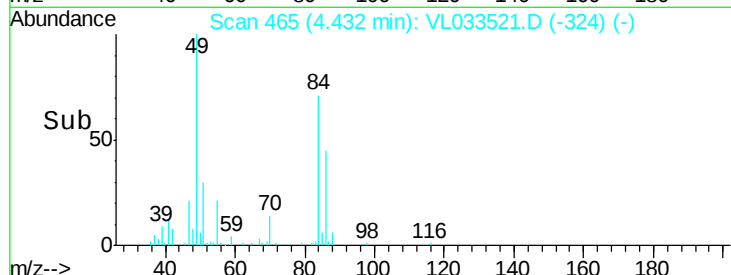
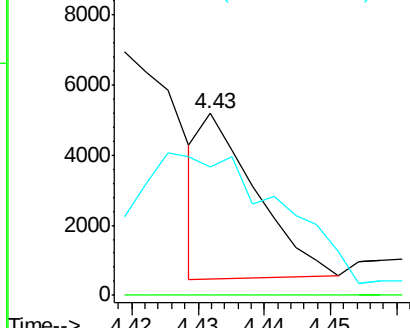
#21
Allvl Chloride
Concen: 0.04 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.05 min
Lab File: VL033521.D
Acq: 30 Mar 2019 3:35

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 41 Resp: 2724
Ion Ratio Lower Upper
41 100
76 0.0 25.4 38.2#
39 257.5 65.3 97.9#

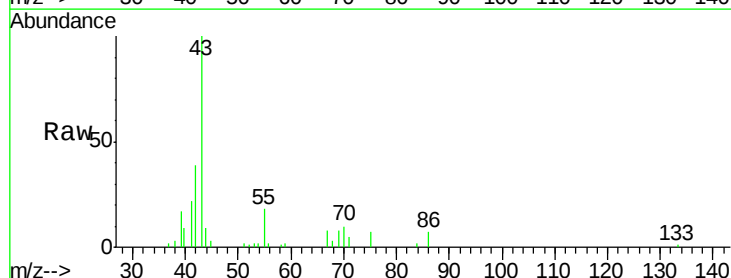


Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0

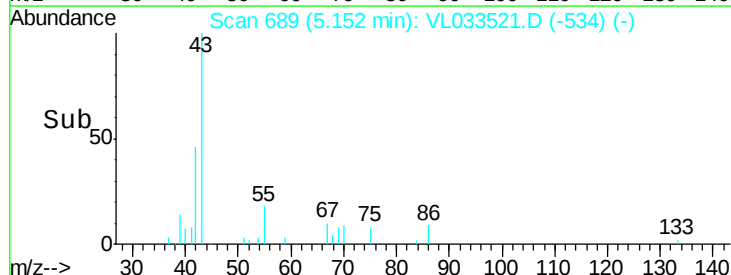
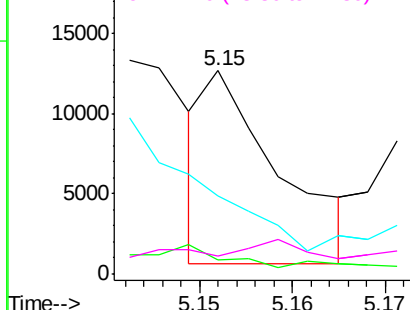


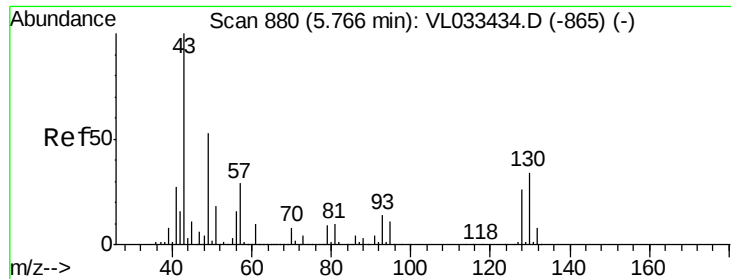
#23
Vinyl Acetate
Concen: 0.05 ppbv
RT: 5.15 min Scan# 689
Delta R.T. -0.00 min
Lab File: VL033521.D
Acq: 30 Mar 2019 3:35

Tgt Ion: 43 Resp: 6677
Ion Ratio Lower Upper
43 100
86 3.2 5.6 8.4#
42 32.3 8.0 12.0#
44 5.7 3.9 5.9



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: 1.48 ppbv

RT: 5.78 min Scan# 883

Delta R.T. 0.01 min

Lab File: VL033521.D

Acq: 30 Mar 2019 3:35

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 265685

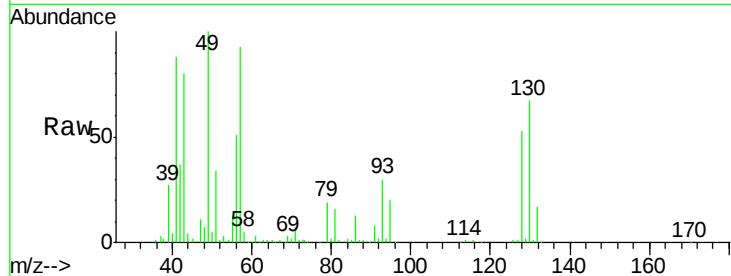
Ion Ratio Lower Upper

43 100

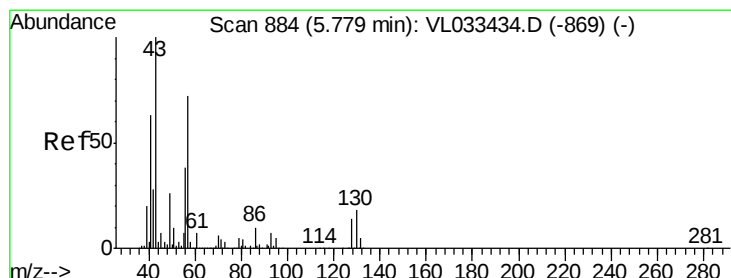
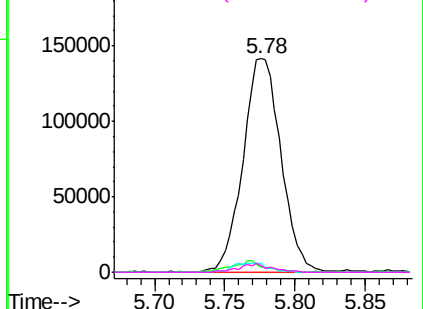
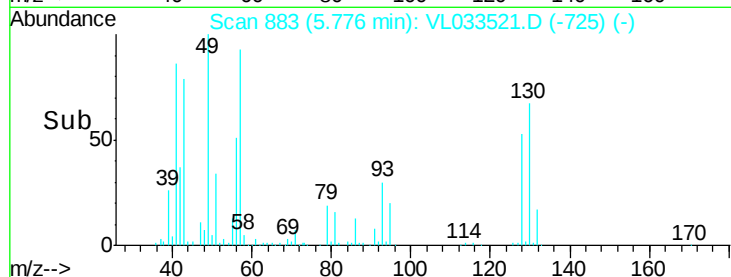
45 5.0 7.8 11.6#

61 4.0 7.3 10.9#

70 3.5 5.6 8.4#



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: 3.65 ppbv

RT: 5.78 min Scan# 884

Delta R.T. -0.00 min

Lab File: VL033521.D

Acq: 30 Mar 2019 3:35

Tgt Ion: 57 Resp: 290177

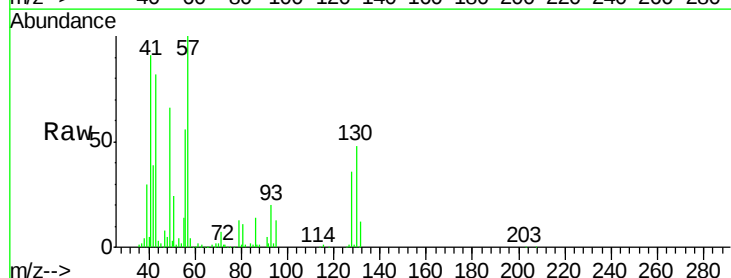
Ion Ratio Lower Upper

57 100

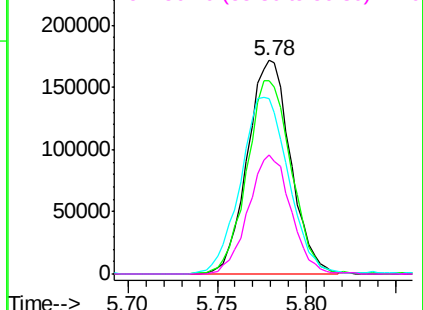
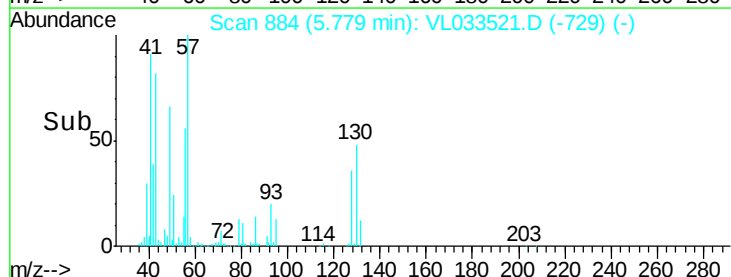
41 93.3 70.7 106.1

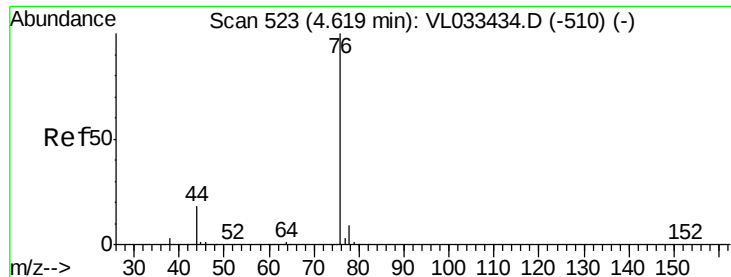
43 92.8 182.6 274.0#

56 55.0 42.0 63.0



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

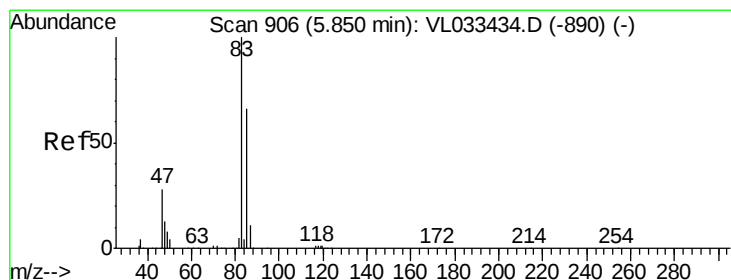
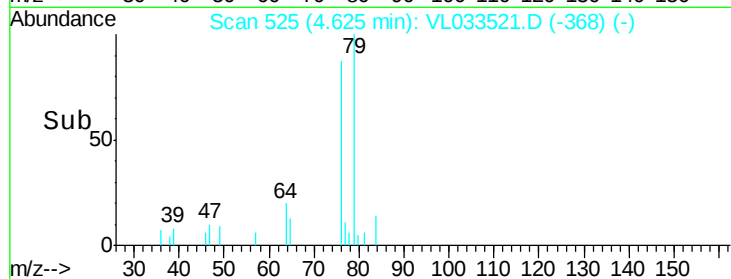
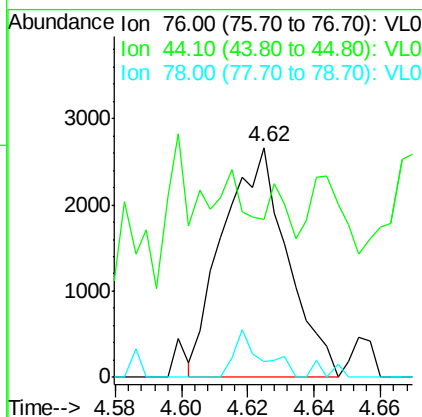
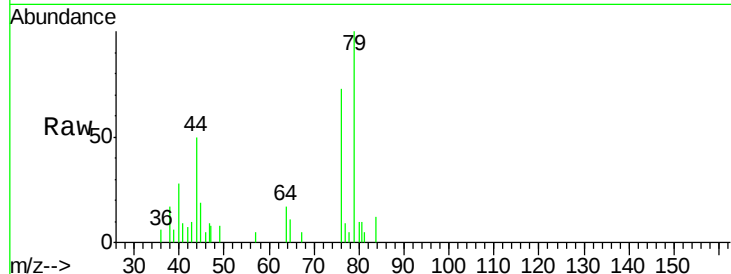




#27
Carbon Disulfide
Concen: 0.04 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.01 min
Lab File: VL033521.D
Acq: 30 Mar 2019 3:35

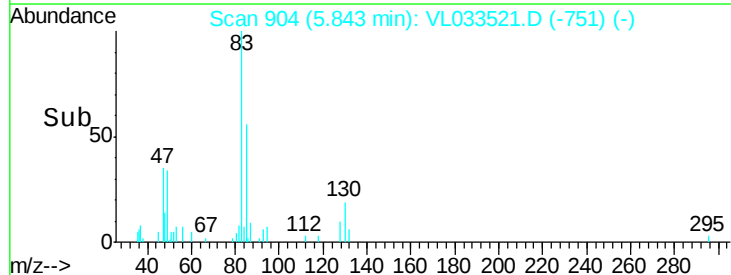
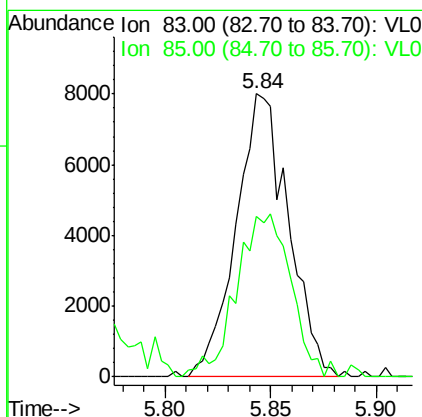
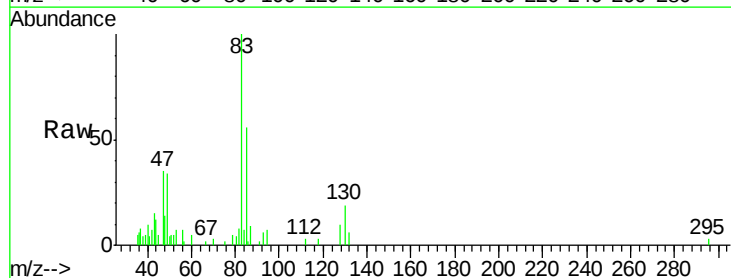
Instrument :
MSVOA_L
ClientSampleId :

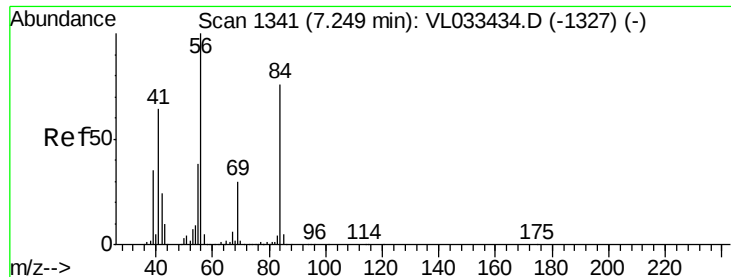
Tot Ion: 76 Resp: 3593
Ion Ratio Lower Upper
76 100
44 0.0 14.8 22.2#
78 11.0 7.6 11.4



#29
Chloroform
Concen: 0.10 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL033521.D
Acq: 30 Mar 2019 3:35

Tgt Ion: 83 Resp: 13739
Ion Ratio Lower Upper
83 100
85 56.5 52.6 79.0

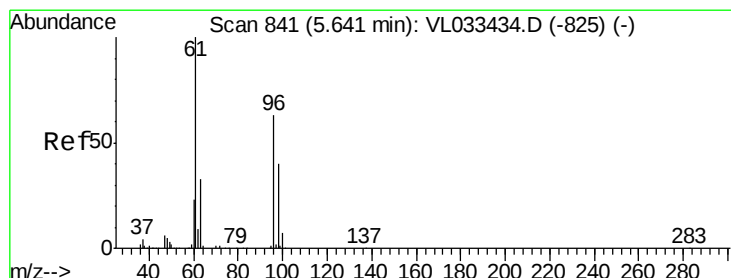
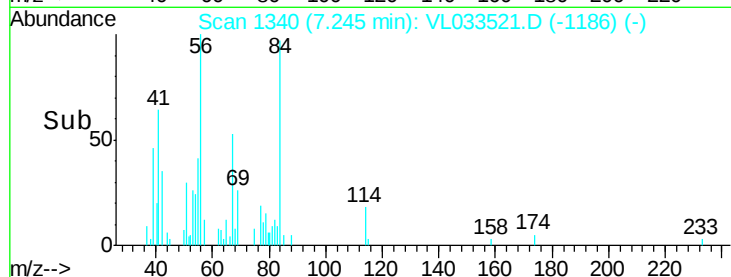
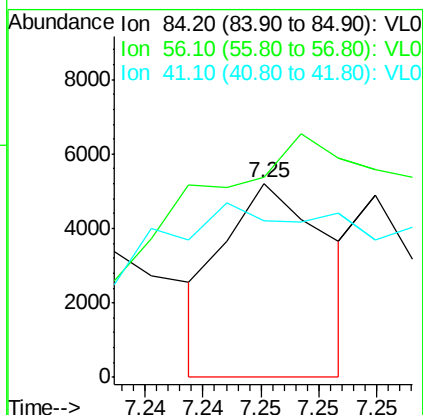
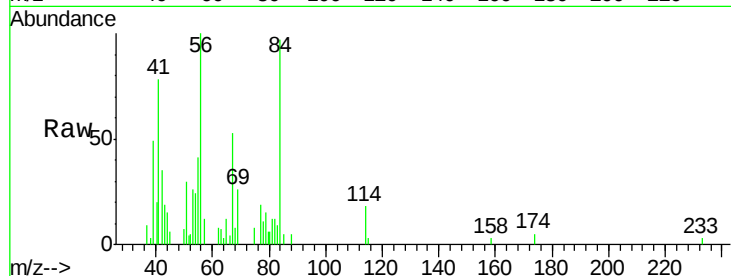




#30
Cvclohexane
Concen: 0.05 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VL033521.D
Acq: 30 Mar 2019 3:35

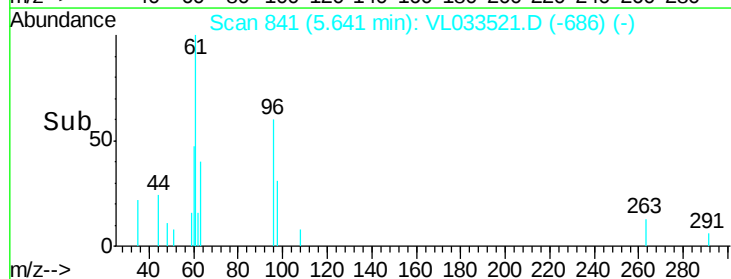
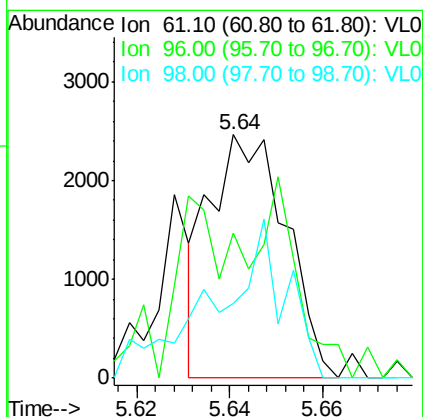
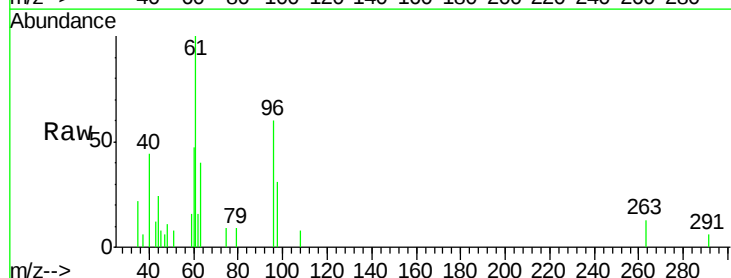
Instrument :
MSVOA_L
ClientSampleId :

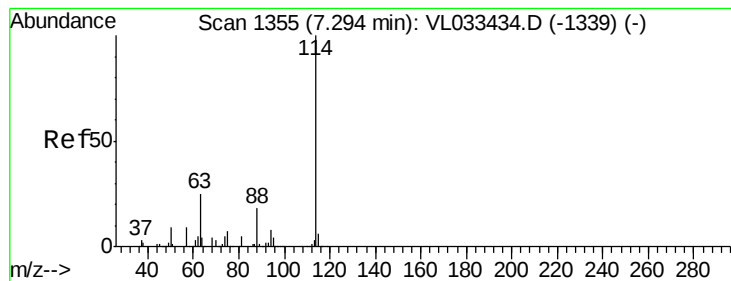
Tot Ion: 84 Resp: 3238
Ion Ratio Lower Upper
84 100
56 0.0 109.7 164.5#
41 359.3 68.2 102.2#



#31
cis-1,2-Dichloroethene
Concen: 0.04 ppbv
RT: 5.64 min Scan# 841
Delta R.T. -0.00 min
Lab File: VL033521.D
Acq: 30 Mar 2019 3:35

Tgt Ion: 61 Resp: 2798
Ion Ratio Lower Upper
61 100
96 45.8 50.6 76.0#
98 30.9 32.2 48.2#





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.29 min Scan# 1354

Delta R.T. -0.00 min

Lab File: VL033521.D

Acq: 30 Mar 2019 3:35

Instrument :

MSVOA_L

ClientSampleId :

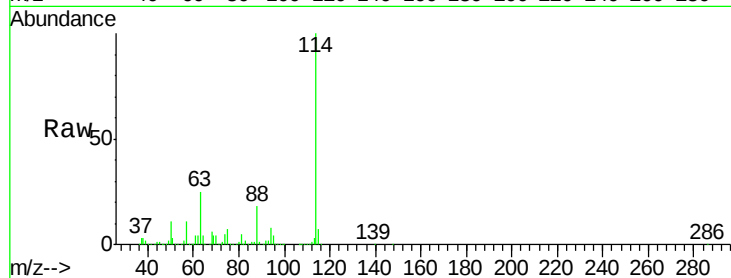
Tot Ion:114 Resp: 1844858

Ion Ratio Lower Upper

114 100

63 26.4 21.5 32.3

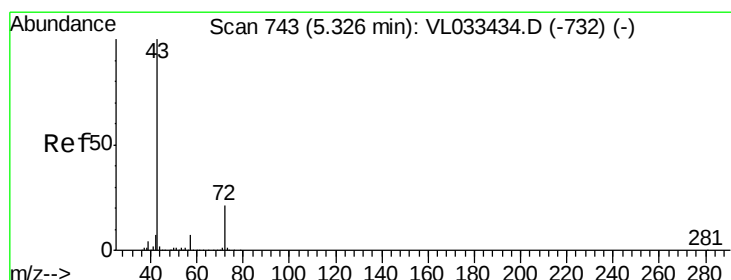
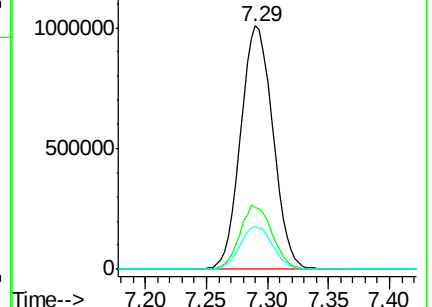
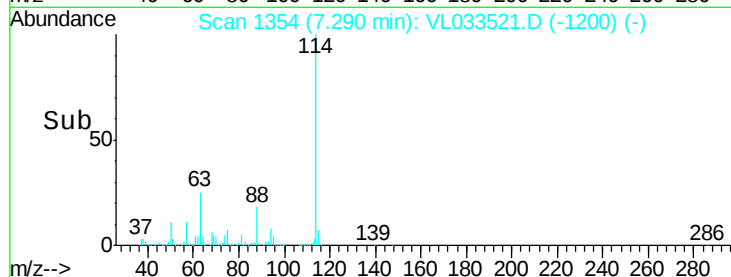
88 18.0 14.5 21.7



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: 0.68 ppbv

RT: 5.33 min Scan# 745

Delta R.T. 0.01 min

Lab File: VL033521.D

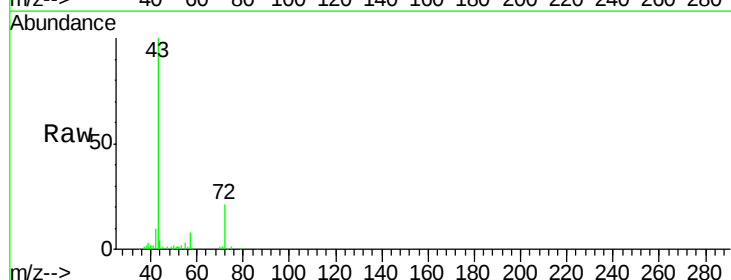
Acq: 30 Mar 2019 3:35

Tgt Ion: 43 Resp: 75866

Ion Ratio Lower Upper

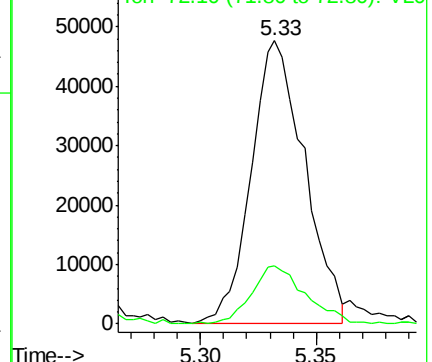
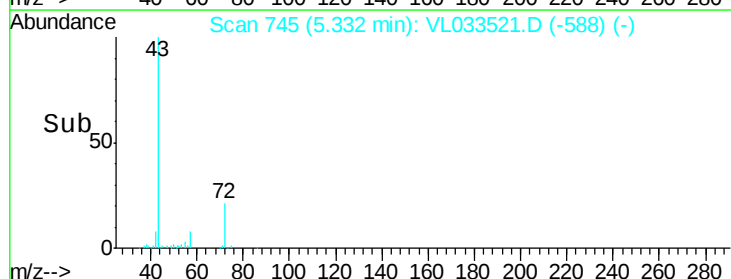
43 100

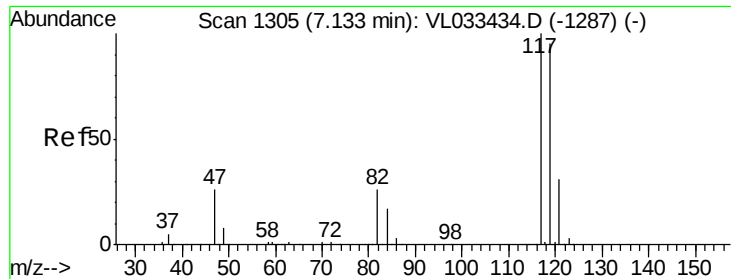
72 21.0 17.4 26.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.03 ppbv

RT: 7.13 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VL033521.D

Acq: 30 Mar 2019 3:35

Instrument :

MSVOA_L

ClientSampled :

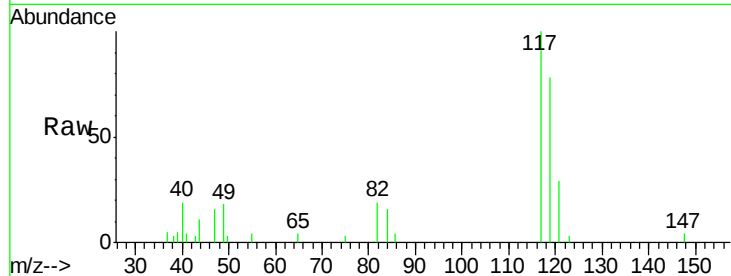
Tot Ion:117 Resp: 4173

Ion Ratio Lower Upper

117 100

119 38.5 75.8 113.8#

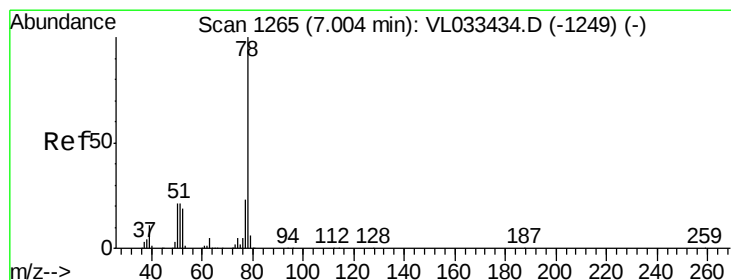
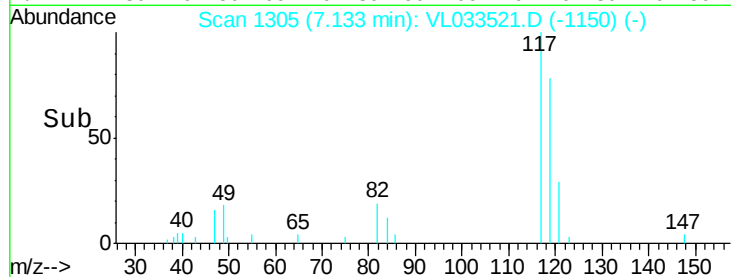
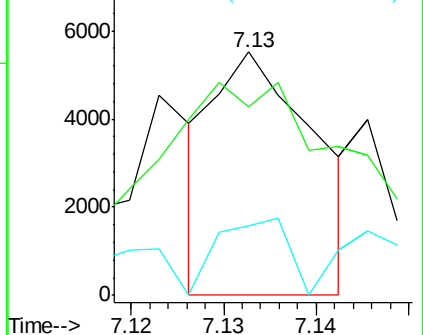
121 66.6 24.7 37.1#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.49 ppbv

RT: 7.00 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VL033521.D

Acq: 30 Mar 2019 3:35

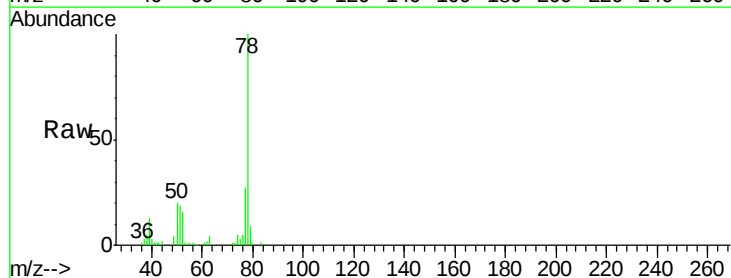
Tgt Ion: 78 Resp: 75251

Ion Ratio Lower Upper

78 100

77 26.6 18.1 27.1

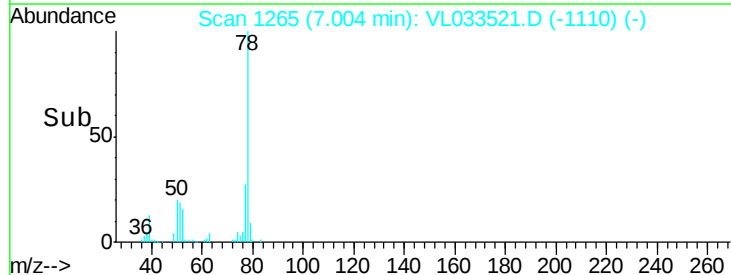
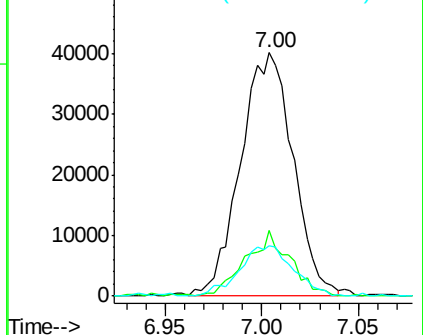
50 20.6 16.7 25.1

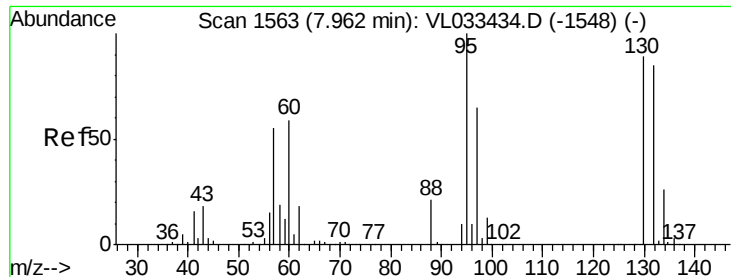


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

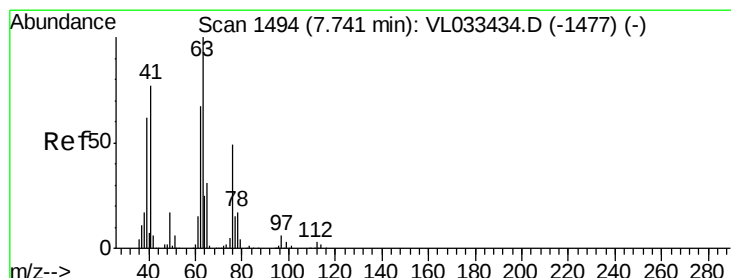
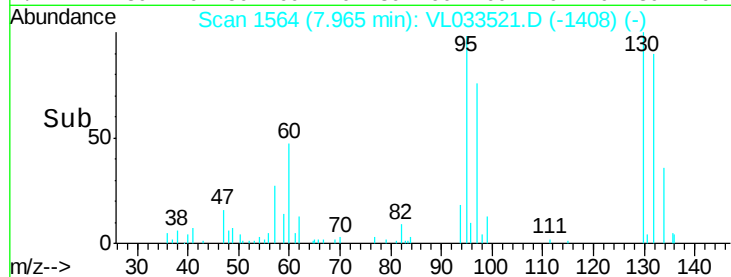
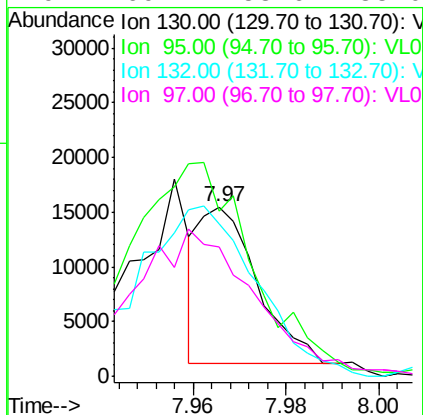
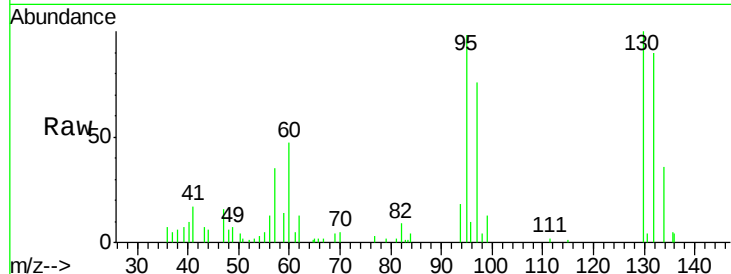




#38
 Trichloroethene
 Concen: 0.21 ppbv
 RT: 7.97 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VL033521.D
 Acq: 30 Mar 2019 3:35

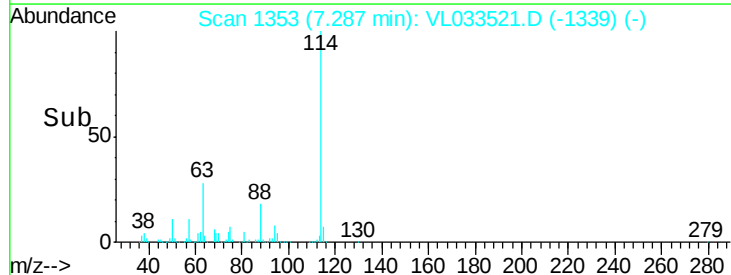
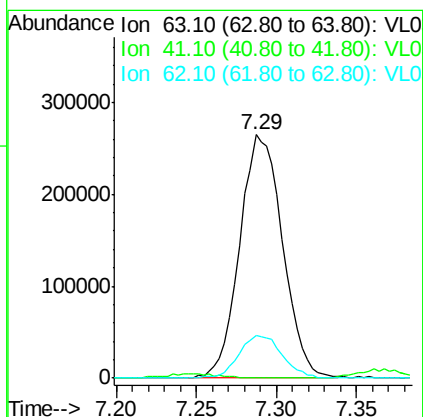
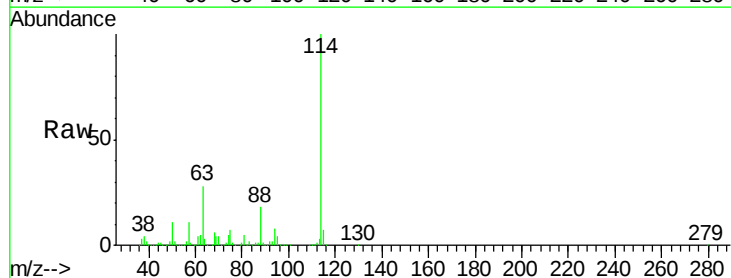
Instrument :
 MSVOA_L
 ClientSampleId :

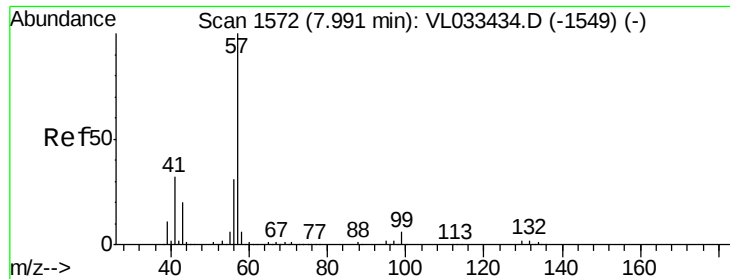
Tot Ion:130	Resp:	12406
Ion Ratio	Lower	Upper
130	100	
95	92.8	89.8 134.8
132	86.9	76.6 115.0
97	69.1	58.6 88.0



#39
 1,2-Dichloropropane
 Concen: 7.95 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.45 min
 Lab File: VL033521.D
 Acq: 30 Mar 2019 3:35

Tgt Ion: 63	Resp:	482038
Ion Ratio	Lower	Upper
63	100	
41	0.0	61.2 91.8#
62	17.5	54.0 81.0#





#44

2,2,4-Trimethylpentane

Concen: 0.16 ppbv

RT: 7.99 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VL033521.D

Acq: 30 Mar 2019 3:35

Instrument :

MSVOA_L

ClientSampled :

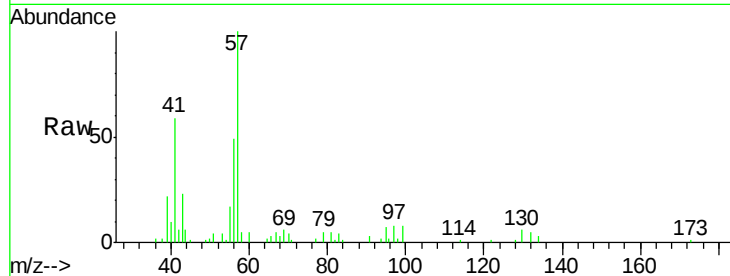
Tot Ion: 57 Resp: 43382

Ion Ratio Lower Upper

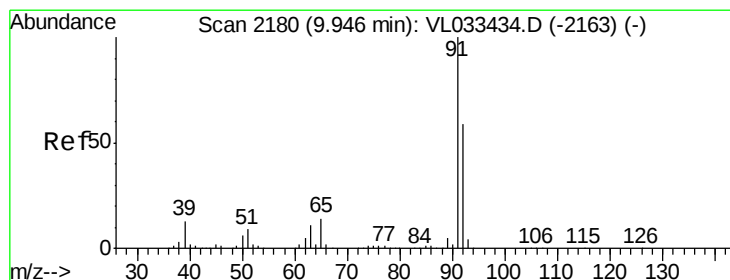
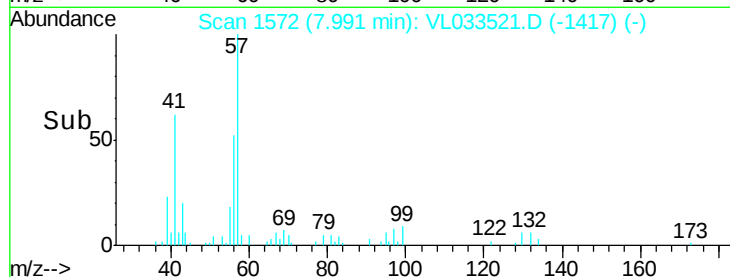
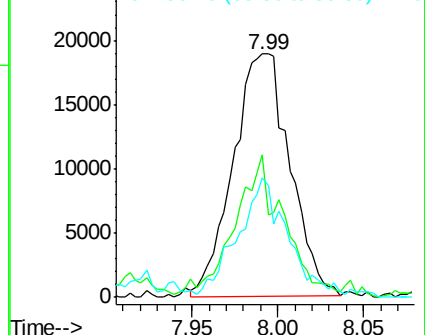
57 100

41 53.2 26.0 39.0#

56 46.5 24.6 37.0#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0



#53

Toluene

Concen: 6.42 ppbv

RT: 9.95 min Scan# 2180

Delta R.T. -0.00 min

Lab File: VL033521.D

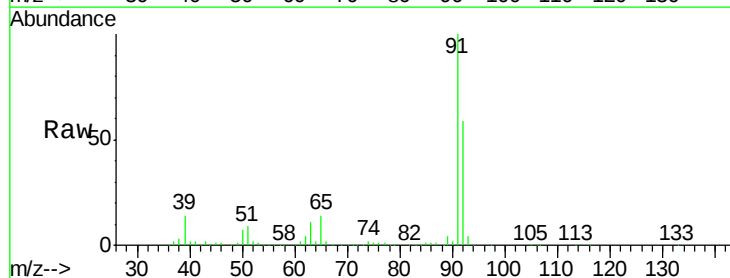
Acq: 30 Mar 2019 3:35

Tgt Ion: 91 Resp: 1154488

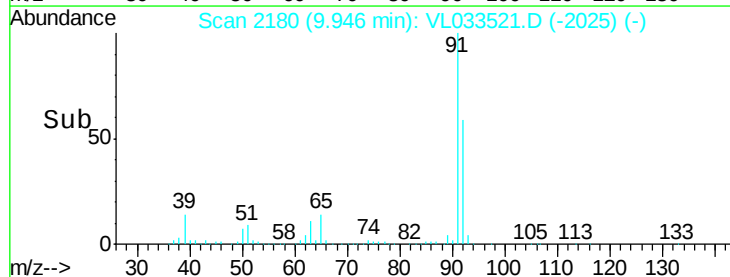
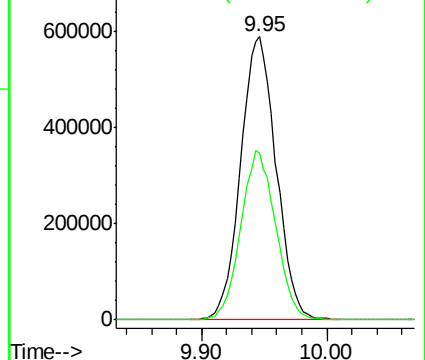
Ion Ratio Lower Upper

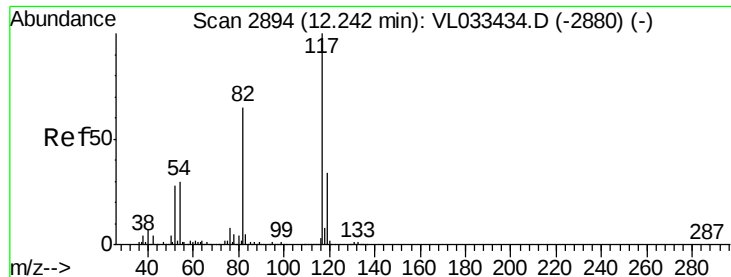
91 100

92 59.2 47.4 71.0



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0





#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.24 min Scan# 2893

Delta R.T. -0.00 min

Lab File: VL033521.D

Acq: 30 Mar 2019 3:35

Instrument :

MSVOA_L

ClientSampled :

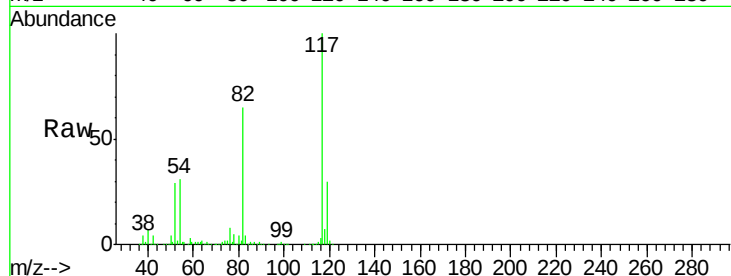
Tot Ion:117 Resp: 1859892

Ion	Ratio	Lower	Upper
117	100		
82	66.2	51.5	77.3
119	31.9	25.5	38.3

117 100

82 66.2 51.5 77.3

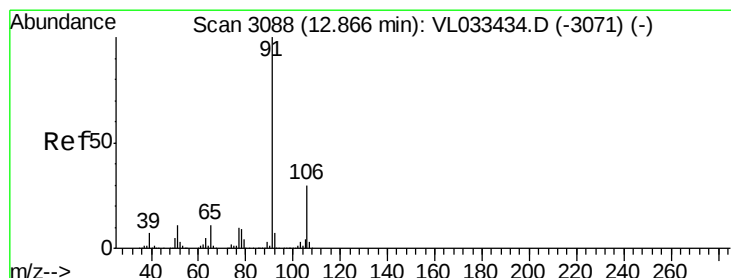
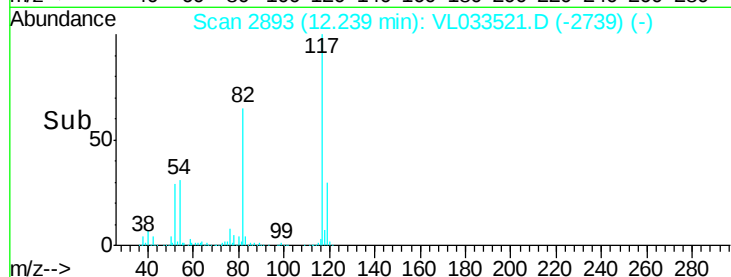
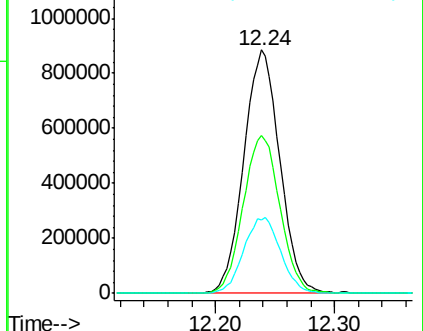
119 31.9 25.5 38.3



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 0.08 ppbv

RT: 12.86 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL033521.D

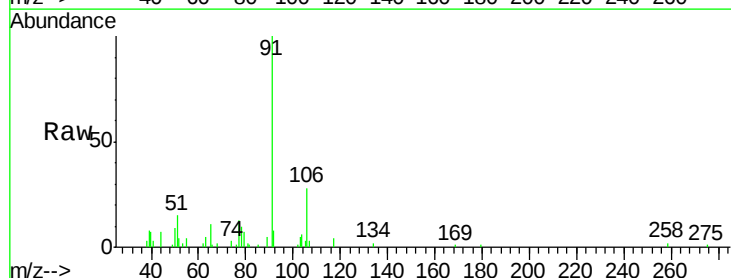
Acq: 30 Mar 2019 3:35

Tgt Ion: 91 Resp: 20398

Ion	Ratio	Lower	Upper
91	100		
106	28.0	23.8	35.6

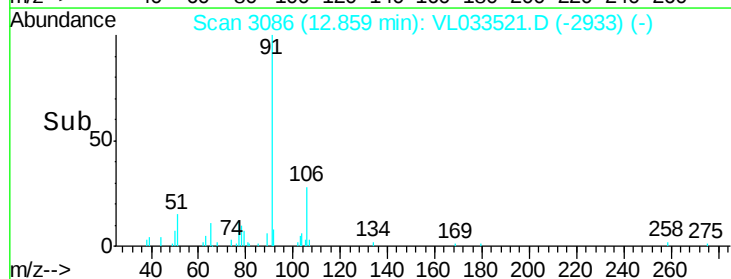
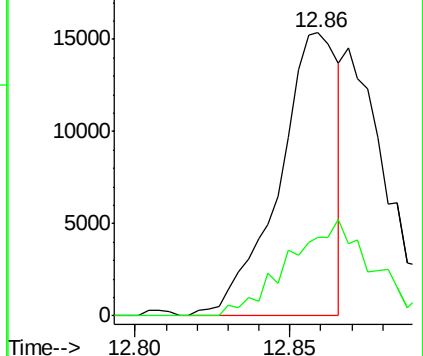
91 100

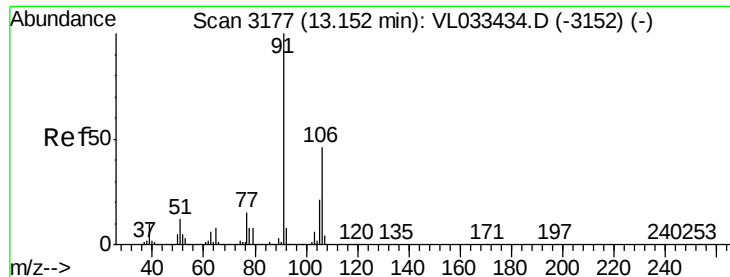
106 28.0 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

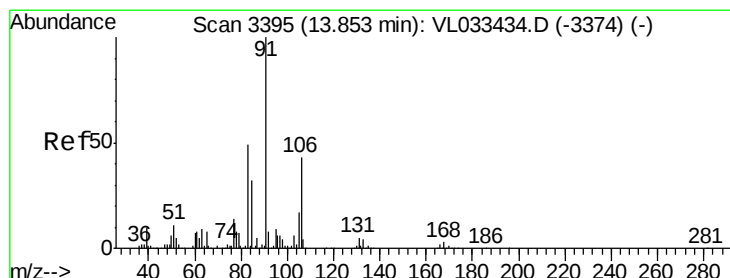
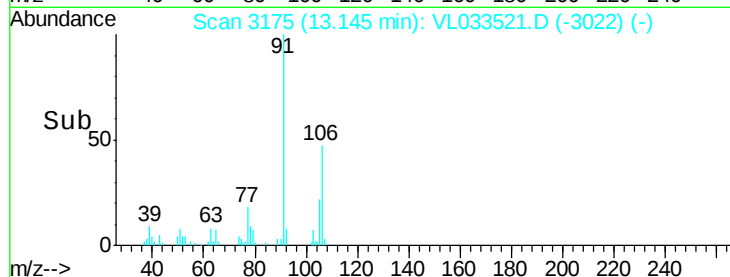
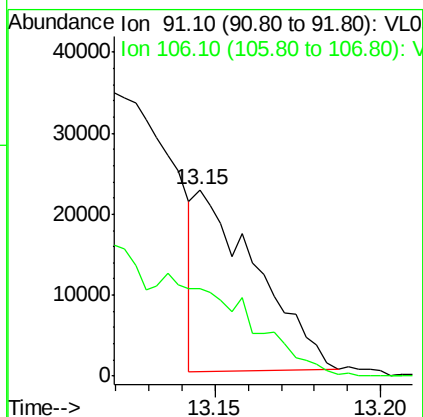
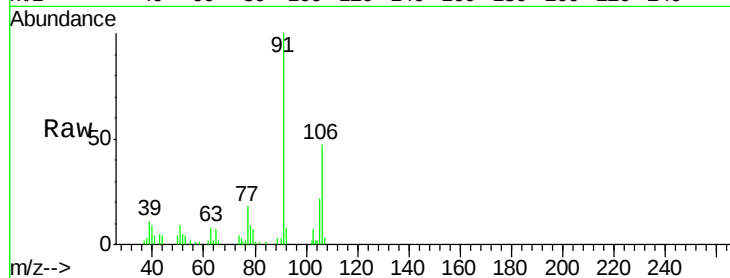




#59
m/p-Xylene
Concen: 0.13 ppbv
RT: 13.15 min Scan# 3175
Delta R.T. -0.01 min
Lab File: VL033521.D
Acq: 30 Mar 2019 3:35

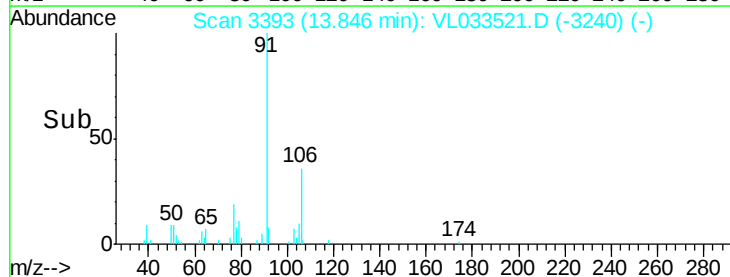
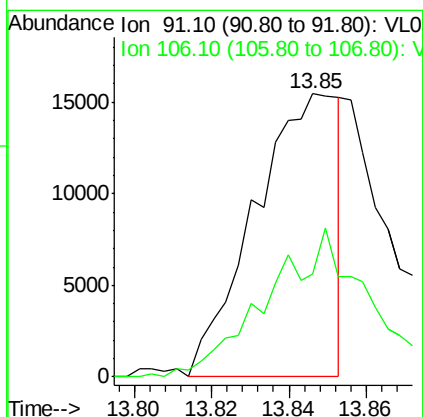
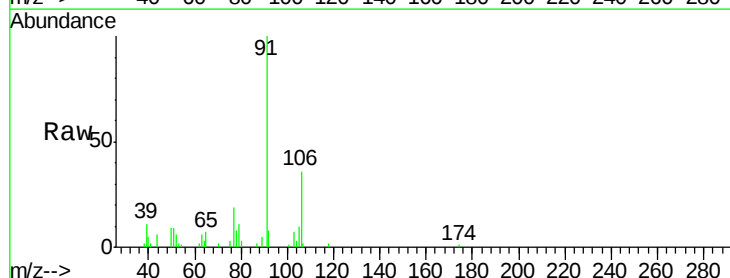
Instrument :
MSVOA_L
ClientSampled :

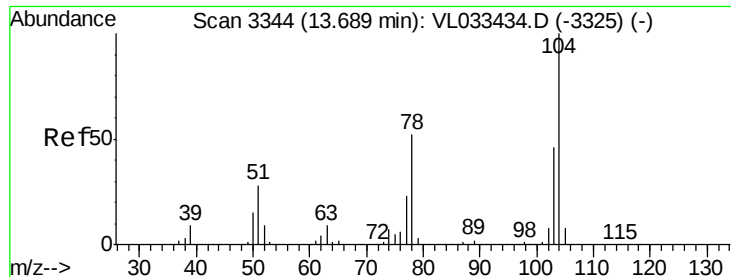
Tot Ion: 91 Resp: 28661
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 0.11 ppbv
RT: 13.85 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL033521.D
Acq: 30 Mar 2019 3:35

Tgt Ion: 91 Resp: 23397
Ion Ratio Lower Upper
91 100
106 62.7 21.4 64.3

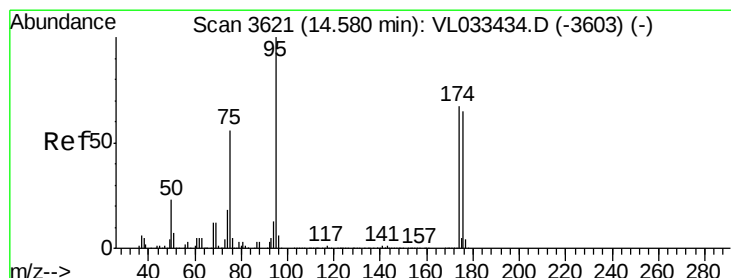
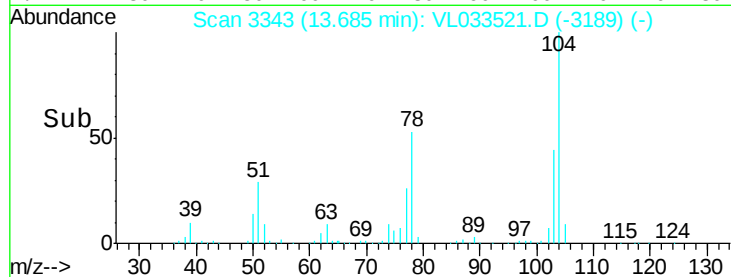
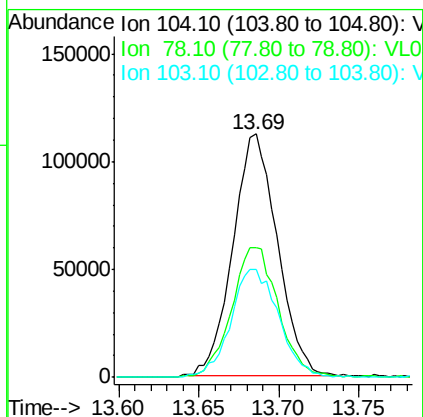
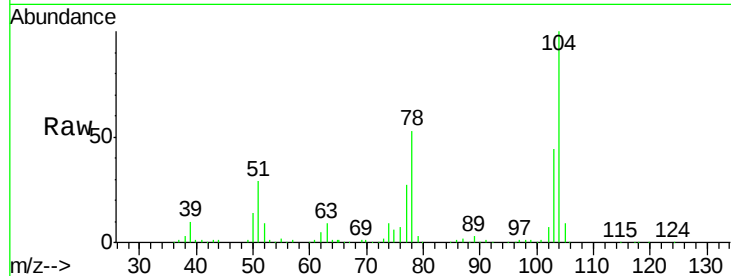




#61
Stvrene
Concen: 1.44 ppbv
RT: 13.69 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VL033521.D
Acq: 30 Mar 2019 3:35

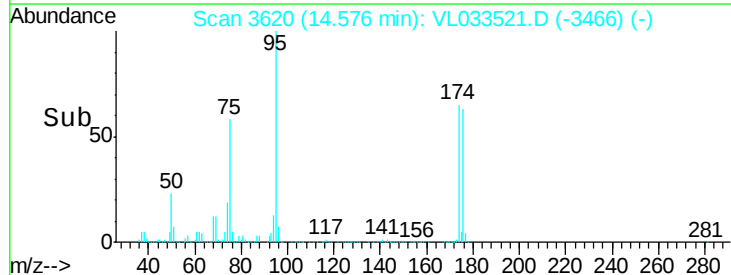
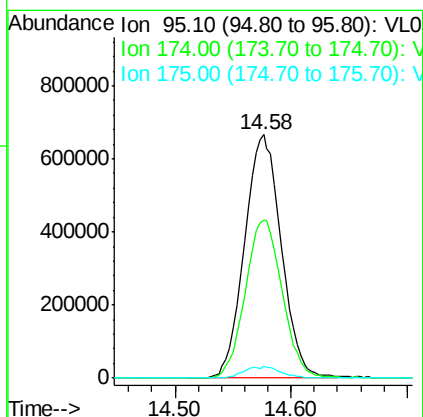
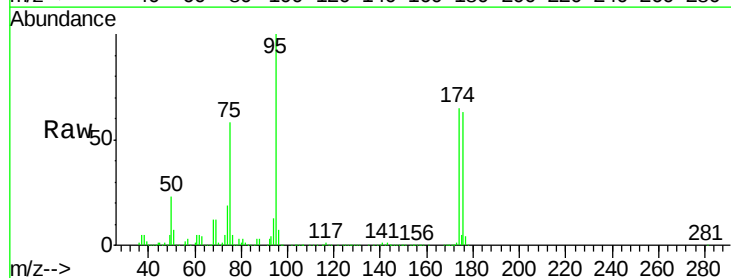
Instrument :
MSVOA_L
ClientSampleId :

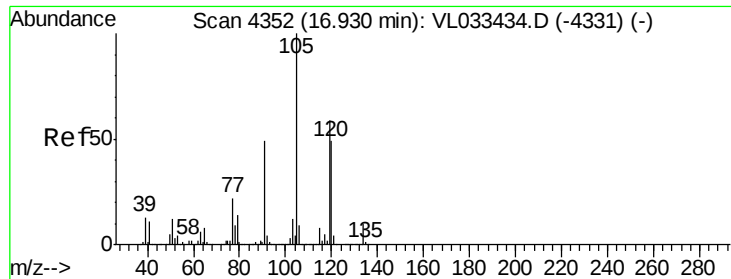
Tot Ion:104 Resp: 211662
Ion Ratio Lower Upper
104 100
78 57.3 43.2 64.8
103 48.6 37.8 56.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.05 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL033521.D
Acq: 30 Mar 2019 3:35

Tgt Ion: 95 Resp: 1466057
Ion Ratio Lower Upper
95 100
174 65.4 52.9 79.3
175 4.8 3.8 5.6





#74
 1,2,4-Trimethylbenzene
 Concen: 0.04 ppbv
 RT: 16.93 min Scan# 4352
 Delta R.T. -0.00 min
 Lab File: VL033521.D
 Acq: 30 Mar 2019 3:35

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:	105	Resp:	9572
Ion	Ratio	Lower	Upper
105	100		
120	41.6	39.0	58.6
91	10.9	40.0	60.0#
77	10.4	17.5	26.3#

