

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032019\
 Data File : VL033410.D
 Acq On : 21 Mar 2019 4:13
 Operator : SY/AP
 Sample : K1975-05 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Mar 21 12:42:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

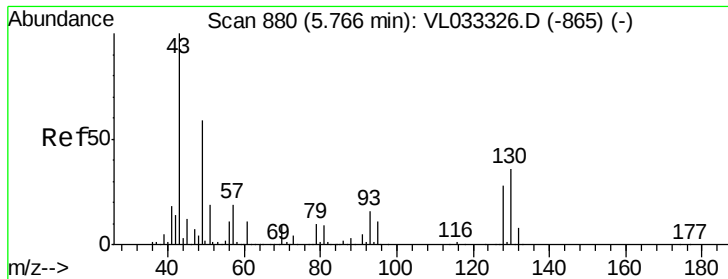
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	760169	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1795348	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1714450	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1305442	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.07	85	11515	0.086	ppbv	93
3) Chlorodifluoromethane	3.01	51	8083	0.093	ppbv #	91
4) Chloromethane	3.17	50	4160	0.088	ppbv #	88
9) Propene	3.04	41	55180	1.417	ppbv	91
10) Heptane	8.25	43	21705	0.225	ppbv	93
11) Trichlorofluoromethane	4.07	101	7753	0.058	ppbv	86
13) Ethanol	3.66	45	45216	2.435	ppbv	95
15) Acetone	3.90	43	1375854	11.643	ppbv	97
16) 1,3-Butadiene	3.34	39	61509	1.603	ppbv #	20
17) tert-Butyl alcohol	4.38	59	13022	0.783	ppbv #	89
19) Isopropyl Alcohol	4.06	45	46795	0.833	ppbv #	95
20) Methylene Chloride	4.41	84	18504	0.480	ppbv	95
23) Vinyl Acetate	5.15	43	6123	0.045	ppbv #	66
24) 1,1-Dichloroethane	5.09	63	6061	0.061	ppbv #	88
25) Ethyl Acetate	5.78	43	16020	0.093	ppbv #	82
26) Hexane	5.78	57	34984	0.456	ppbv #	38
29) Chloroform	5.84	83	10569	0.084	ppbv	89
30) Cyclohexane	7.24	84	2109	0.034	ppbv #	1
32) 1,1,1-Trichloroethane	6.62	97	969859	7.856	ppbv	99
34) 2-Butanone	5.33	43	130521	1.107	ppbv	99
36) Benzene	7.00	78	42704	0.266	ppbv	98
37) 1,2-Dichloroethane	6.61	62	66139	0.651	ppbv #	1
39) 1,2-Dichloropropane	7.29	63	468745	7.790	ppbv #	25
44) 2,2,4-Trimethylpentane	7.99	57	22467	0.084	ppbv #	57
52) Tetrachloroethene	11.38	164	4872630	72.794	ppbv	98
53) Toluene	9.95	91	153309	0.840	ppbv	97
58) Ethyl Benzene	12.86	91	36530	0.151	ppbv	98
59) m/p-Xylene	13.12	91	99147	0.476	ppbv #	100
60) o-Xylene	13.85	91	56803	0.279	ppbv	99
72) 4-Ethyltoluene	16.00	105	21849	0.095	ppbv #	65
73) 1,3,5-Trimethylbenzene	16.16	105	23846	0.106	ppbv #	86
74) 1,2,4-Trimethylbenzene	16.93	105	101198	0.425	ppbv #	65

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.01 min

Lab File: VL033410.D

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MSVOA_L

ClientSampleId :

SV1

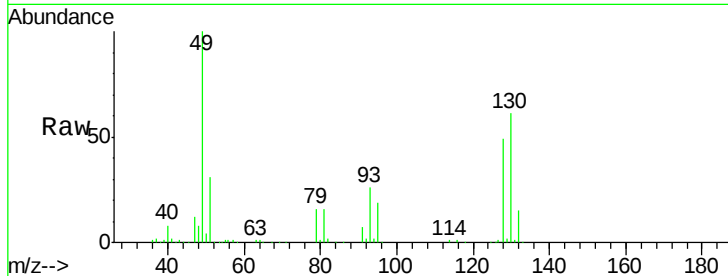
Tgt Ion: 49 Resp: 760169

Ion Ratio Lower Upper

49 100

128 48.3 23.5 70.6

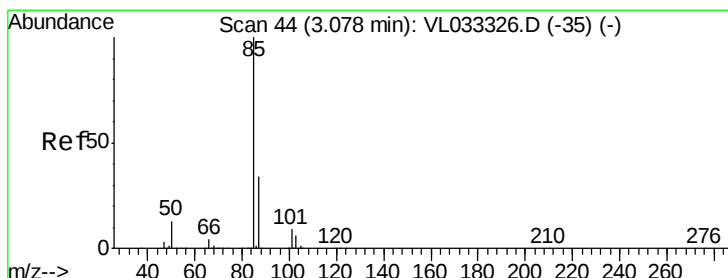
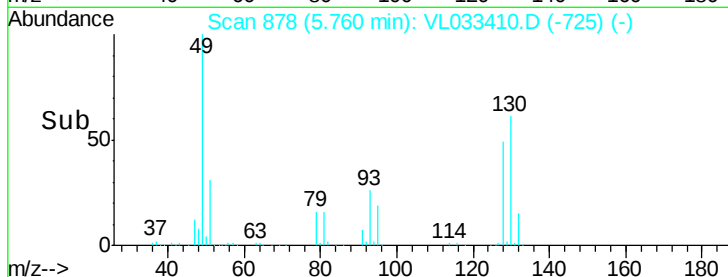
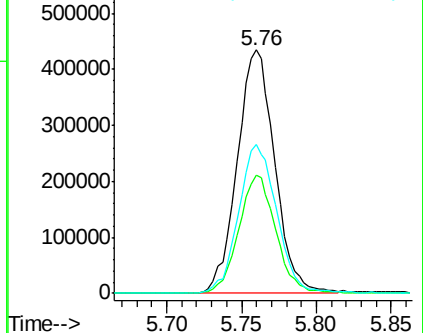
130 62.4 30.1 90.3



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: 0.086 ppbv

RT: 3.07 min Scan# 43

Delta R.T. -0.00 min

Lab File: VL033410.D

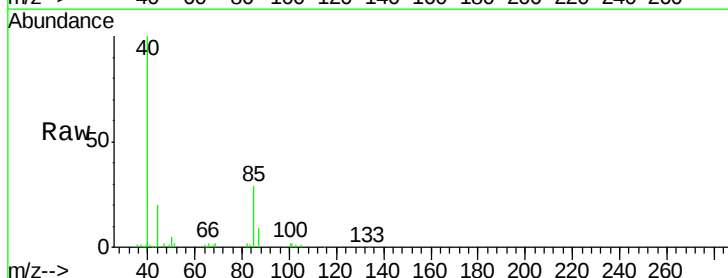
Acq: 21 Mar 2019 4:13

Tgt Ion: 85 Resp: 11515

Ion Ratio Lower Upper

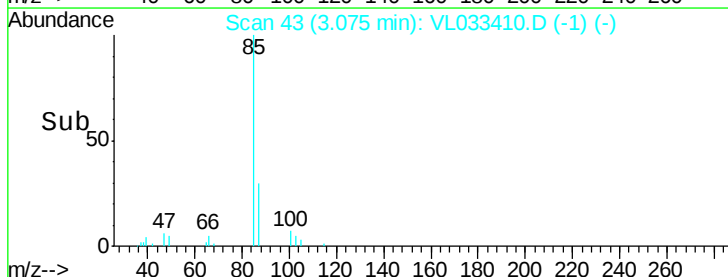
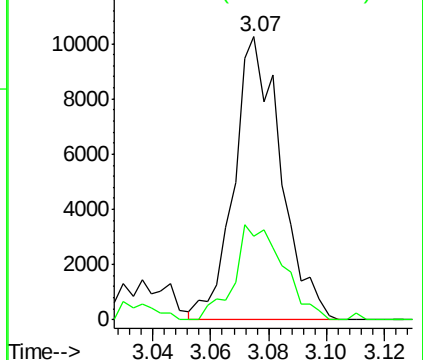
85 100

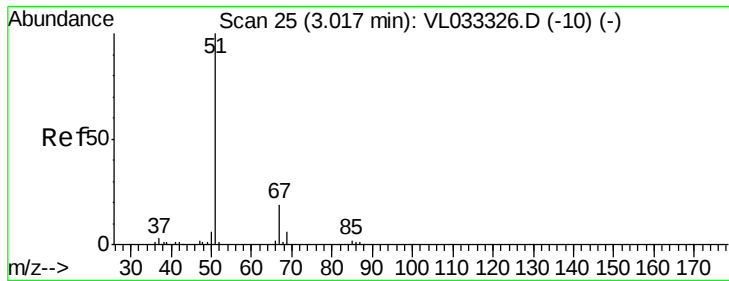
87 29.6 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

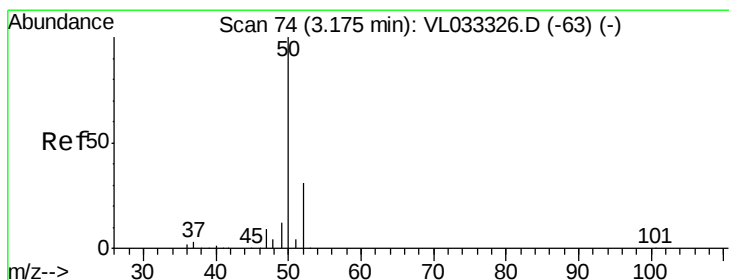
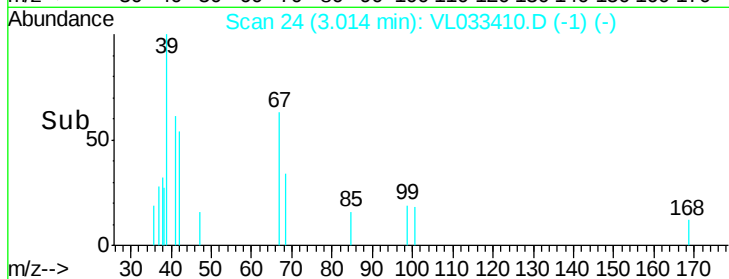
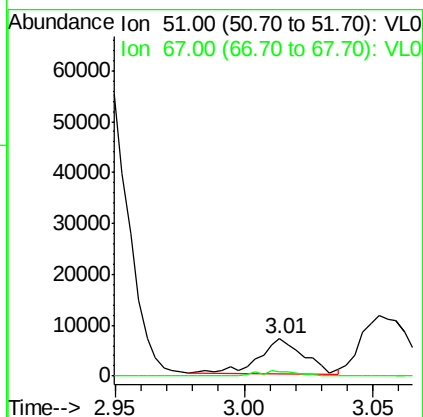
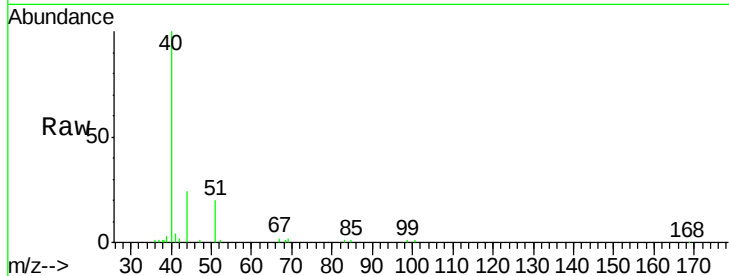




#3
Chlorodifluoromethane
Concen: 0.093 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

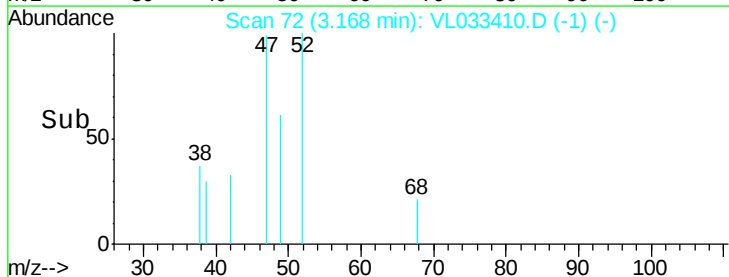
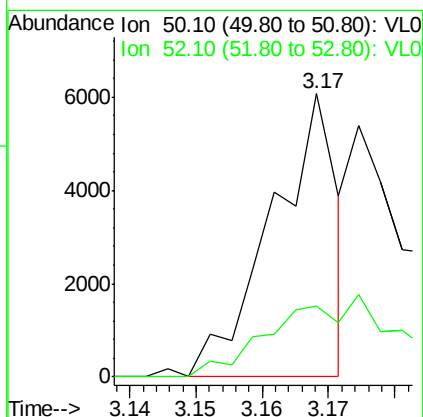
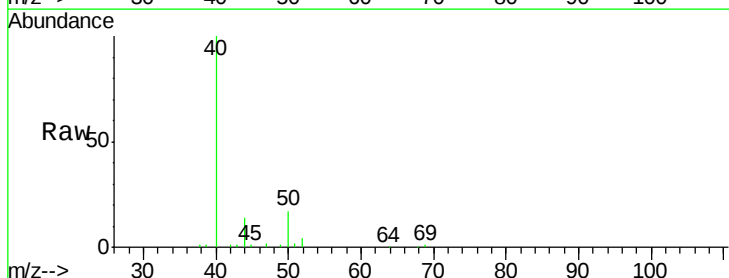
Instrument :
MSVOA_L
ClientSampleId :
SV1

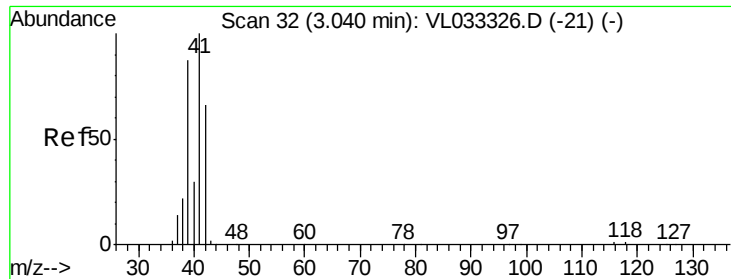
Tgt Ion: 51 Resp: 8083
Ion Ratio Lower Upper
51 100
67 14.5 14.9 22.3#



#4
Chloromethane
Concen: 0.088 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.01 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

Tgt Ion: 50 Resp: 4160
Ion Ratio Lower Upper
50 100
52 24.8 25.0 37.6#





#9

Propene

Concen: 1.417 ppbv

RT: 3.04 min Scan# 32

Delta R.T. -0.00 min

Lab File: VL033410.D

Acq: 21 Mar 2019 4:13

Instrument :

MSVOA_L

ClientSampleId :

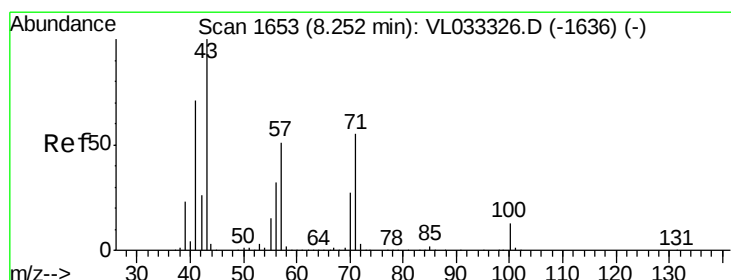
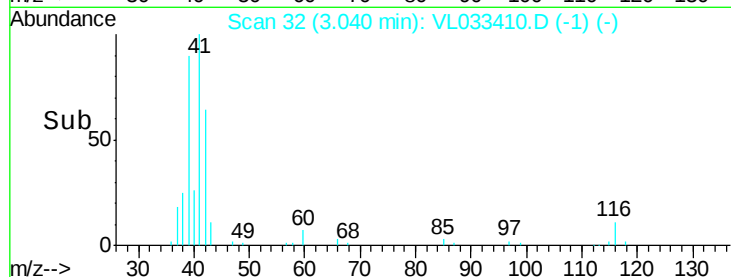
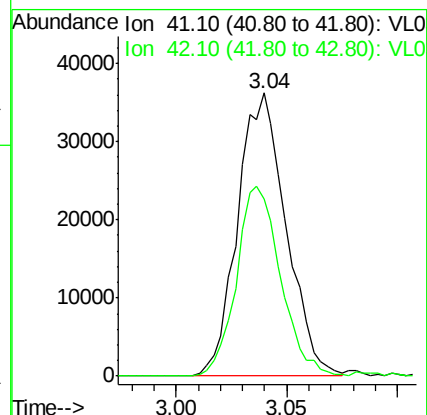
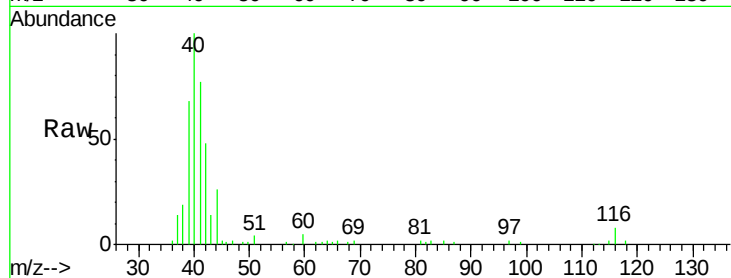
SV1

Tgt Ion: 41 Resp: 55180

Ion Ratio Lower Upper

41 100

42 62.0 55.2 82.8



#10

Heptane

Concen: 0.225 ppbv

RT: 8.25 min Scan# 1651

Delta R.T. -0.01 min

Lab File: VL033410.D

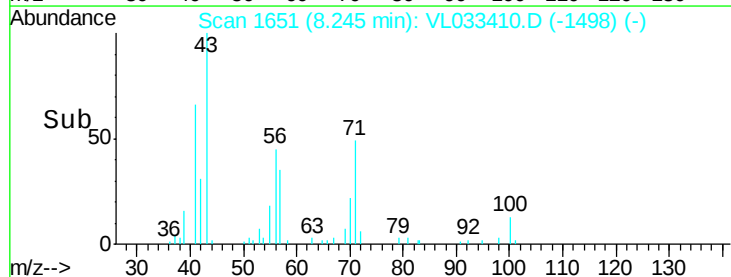
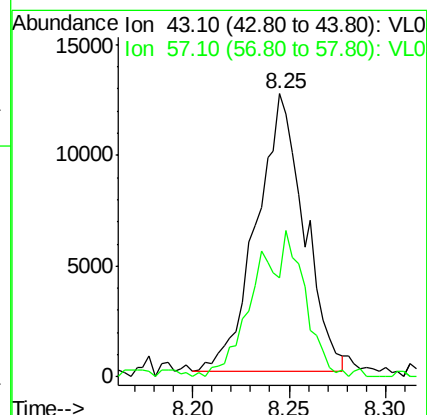
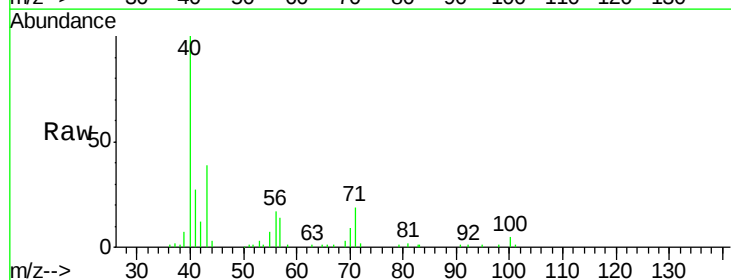
Acq: 21 Mar 2019 4:13

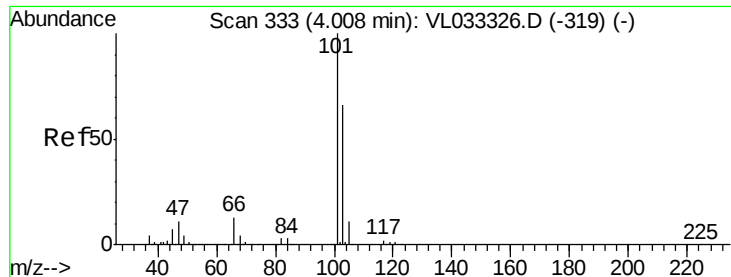
Tgt Ion: 43 Resp: 21705

Ion Ratio Lower Upper

43 100

57 55.2 40.4 60.6





#11

Trichlorofluoromethane

Concen: 0.058 ppbv

RT: 4.07 min Scan# 351

Delta R.T. 0.06 min

Lab File: VL033410.D

Acq: 21 Mar 2019 4:13

Instrument :

MSVOA_L

ClientSampleId :

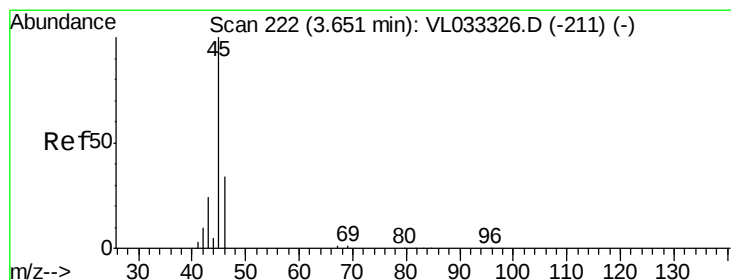
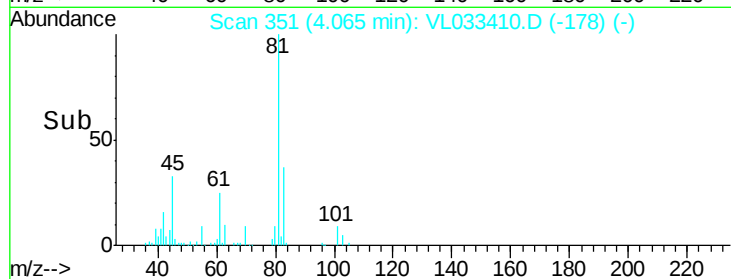
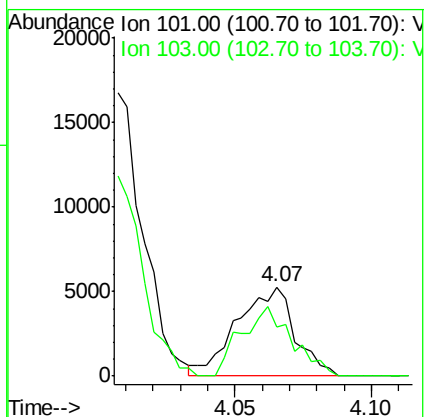
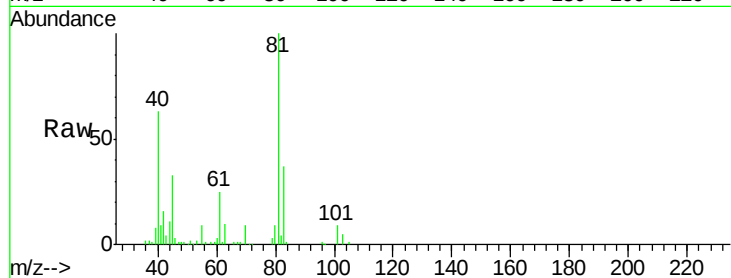
SV1

Tgt Ion:101 Resp: 7753

Ion Ratio Lower Upper

101 100

103 54.8 52.9 79.3



#13

Ethanol

Concen: 2.435 ppbv

RT: 3.66 min Scan# 225

Delta R.T. 0.01 min

Lab File: VL033410.D

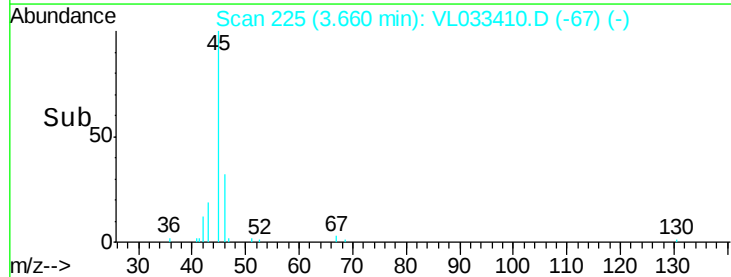
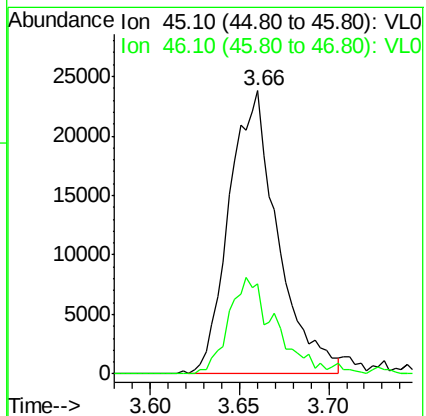
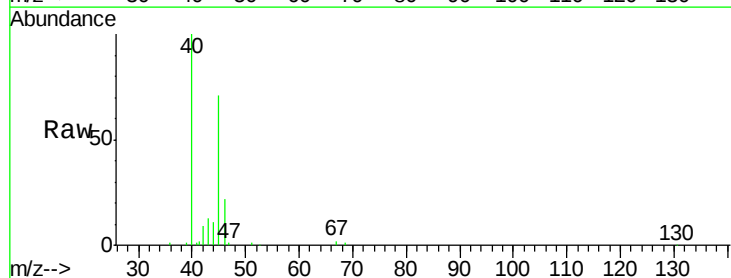
Acq: 21 Mar 2019 4:13

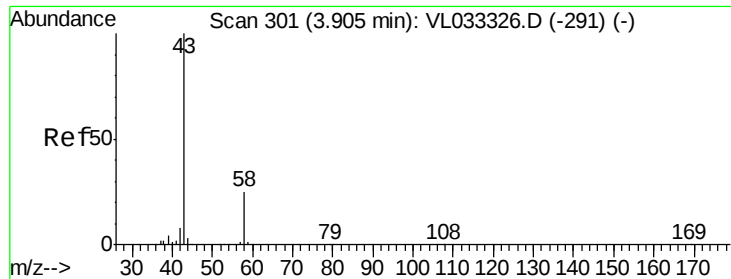
Tgt Ion: 45 Resp: 45216

Ion Ratio Lower Upper

45 100

46 34.1 14.9 59.7





#15

Acetone

Concen: 11.643 ppbv

RT: 3.90 min Scan# 299

Delta R.T. -0.01 min

Lab File: VL033410.D

Acq: 21 Mar 2019 4:13

Instrument :

MSVOA_L

ClientSampleId :

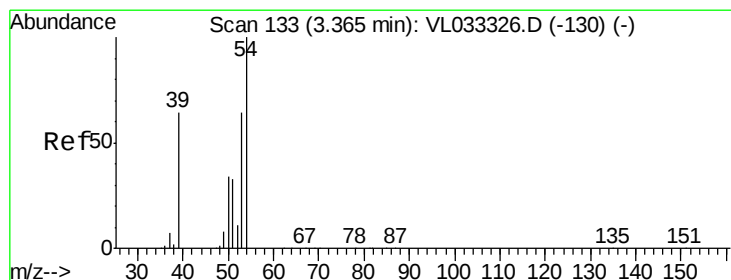
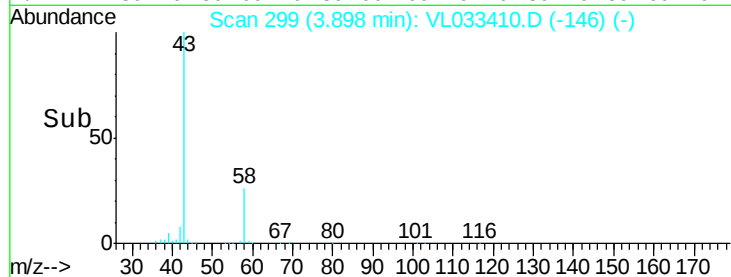
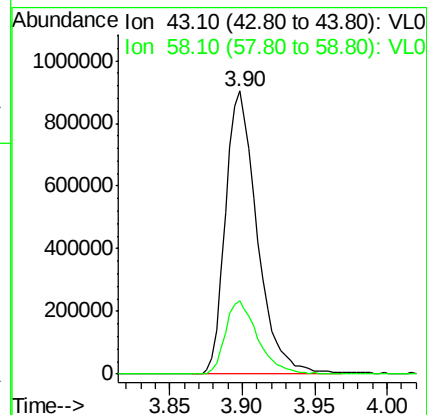
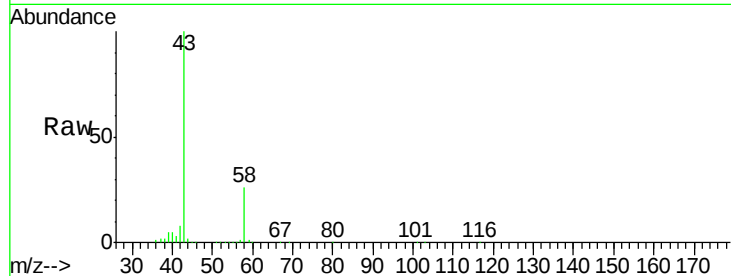
SV1

Tgt Ion: 43 Resp: 1375854

Ion Ratio Lower Upper

43 100

58 26.8 20.4 30.6



#16

1,3-Butadiene

Concen: 1.603 ppbv

RT: 3.34 min Scan# 126

Delta R.T. -0.02 min

Lab File: VL033410.D

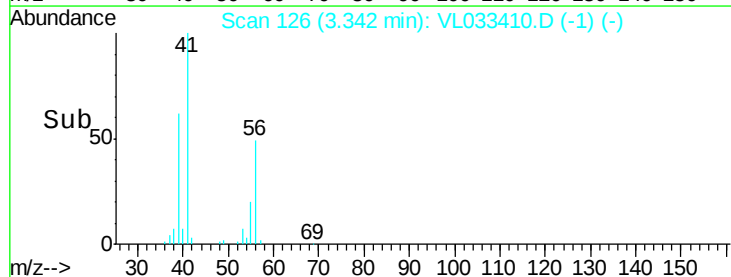
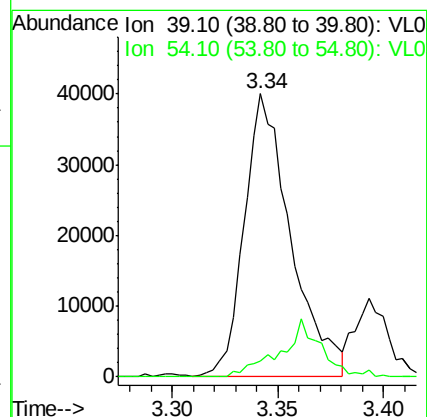
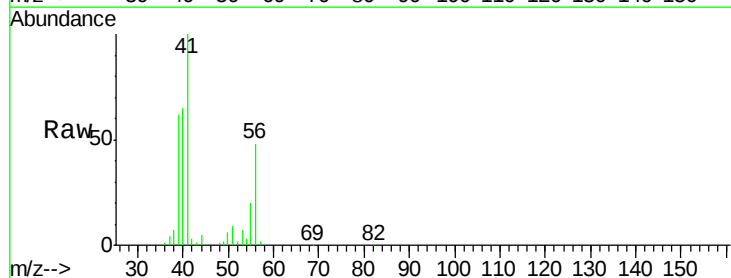
Acq: 21 Mar 2019 4:13

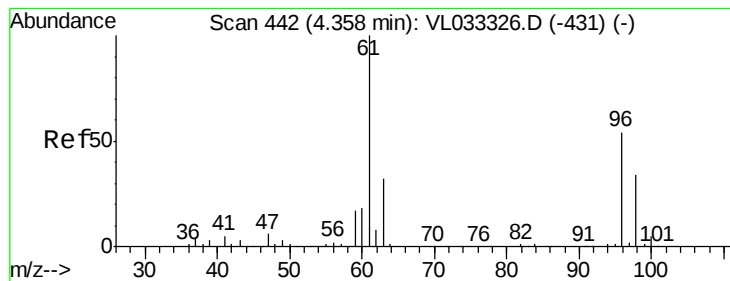
Tgt Ion: 39 Resp: 61509

Ion Ratio Lower Upper

39 100

54 18.0 76.8 115.2#





#17

tert-Butyl alcohol

Concen: 0.783 ppbv

RT: 4.38 min Scan# 449

Delta R.T. 0.02 min

Lab File: VL033410.D

Acq: 21 Mar 2019 4:13

Instrument :

MSVOA_L

ClientSampleId :

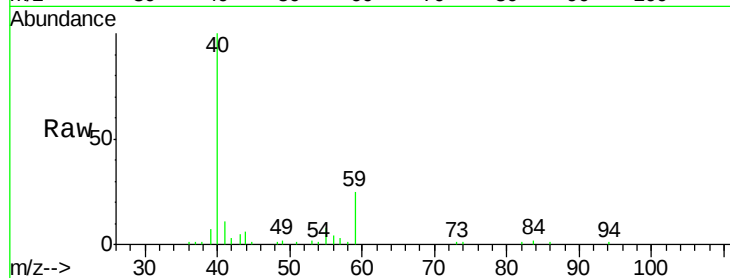
SV1

Tgt Ion: 59 Resp: 13022

Ion Ratio Lower Upper

59 100

57 13.7 7.7 11.5#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.38

8000

6000

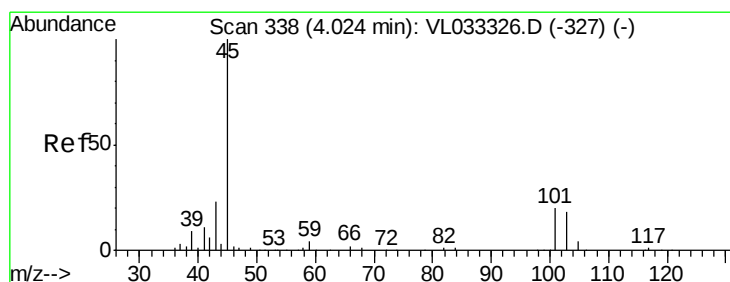
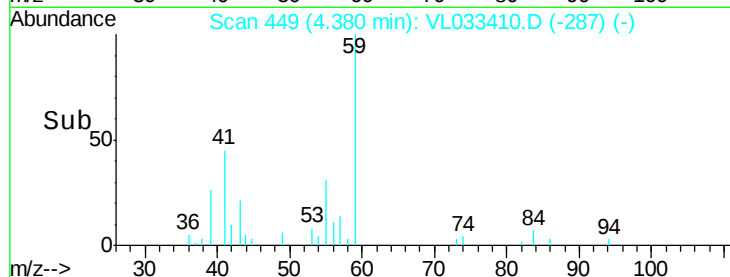
4000

2000

0

Time-->

4.35 4.40



#19

Isopropyl Alcohol

Concen: 0.833 ppbv

RT: 4.06 min Scan# 349

Delta R.T. 0.04 min

Lab File: VL033410.D

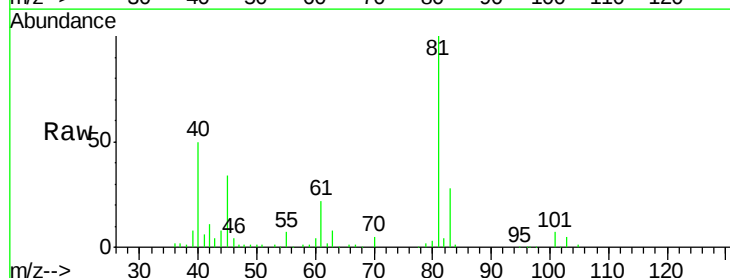
Acq: 21 Mar 2019 4:13

Tgt Ion: 45 Resp: 46795

Ion Ratio Lower Upper

45 100

58 0.0 1.5 2.3#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

4.06

25000

20000

15000

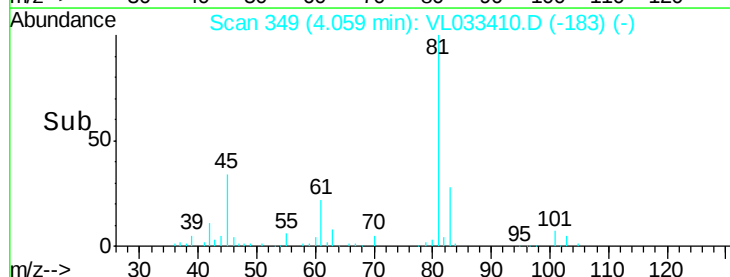
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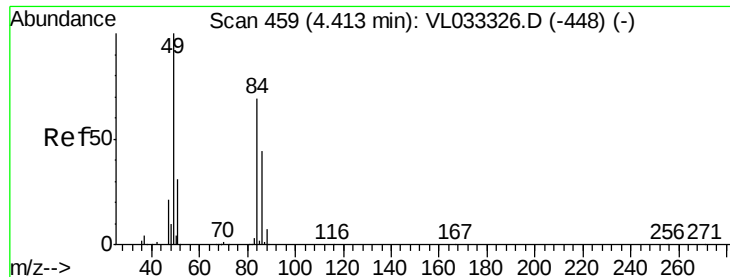
5000

0

Time-->

4.00 4.05 4.10

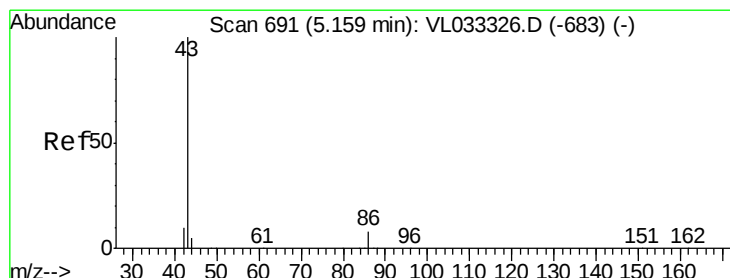
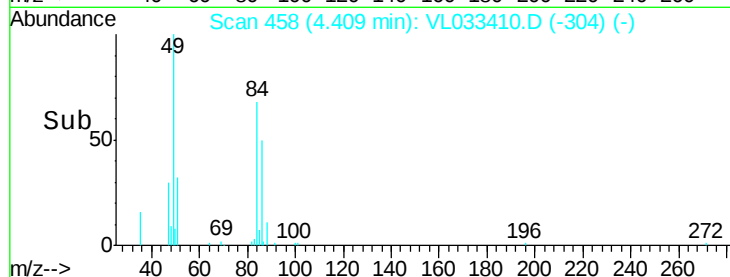
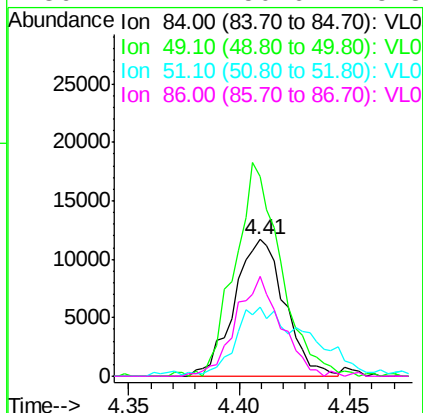
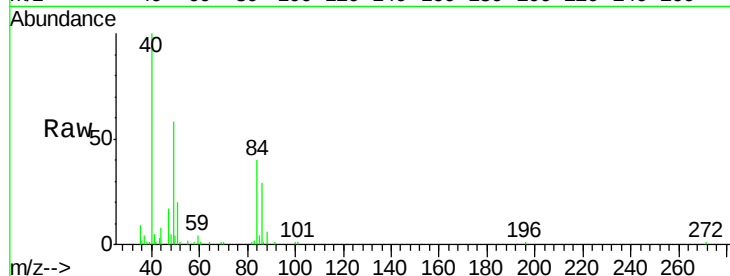




#20
Methylene Chloride
Concen: 0.480 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

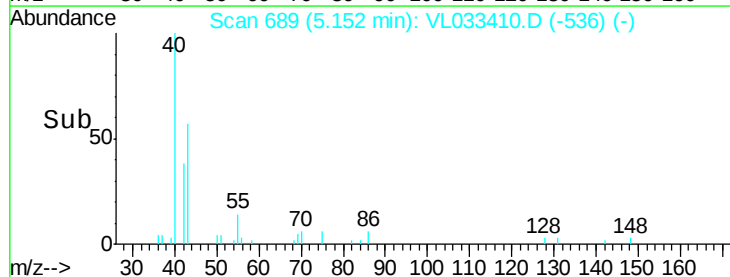
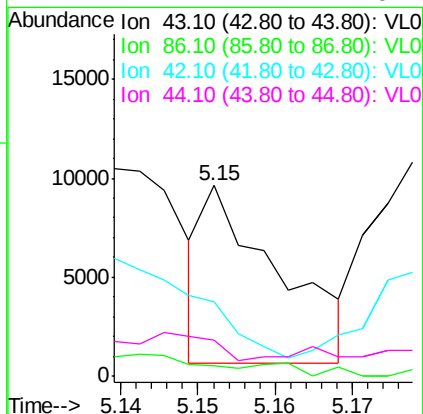
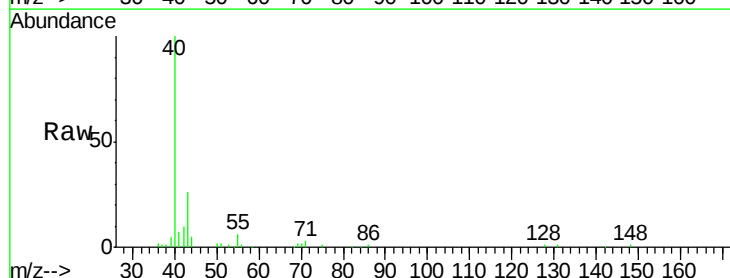
Instrument :
MSVOA_L
ClientSampled :
SV1

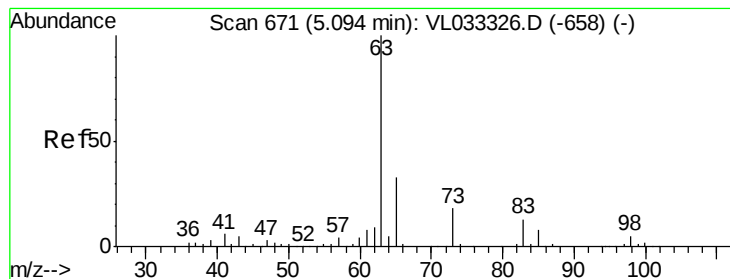
Tgt Ion:	84	Resp:	18504
Ion	Ratio	Lower	Upper
84	100		
49	146.7	115.4	173.0
51	48.2	35.8	53.6
86	71.2	50.6	75.8



#23
Vinyl Acetate
Concen: 0.045 ppbv
RT: 5.15 min Scan# 689
Delta R.T. -0.01 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

Tgt Ion:	43	Resp:	6123
Ion	Ratio	Lower	Upper
43	100		
86	1.6	6.2	9.2#
42	28.8	8.1	12.1#
44	14.1	4.1	6.1#





#24

1,1-Dichloroethane

Concen: 0.061 ppbv

RT: 5.09 min Scan# 669

Delta R.T. -0.01 min

Lab File: VL033410.D

Acq: 21 Mar 2019 4:13

Instrument :

MSVOA_L

ClientSampleId :

SV1

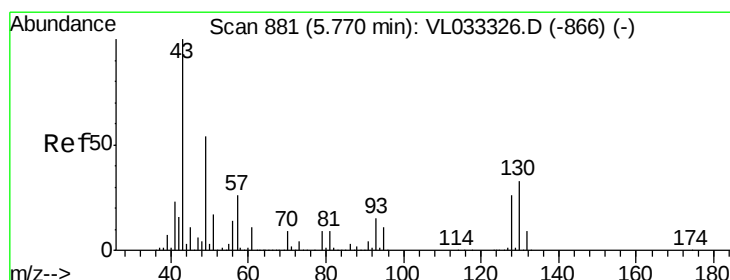
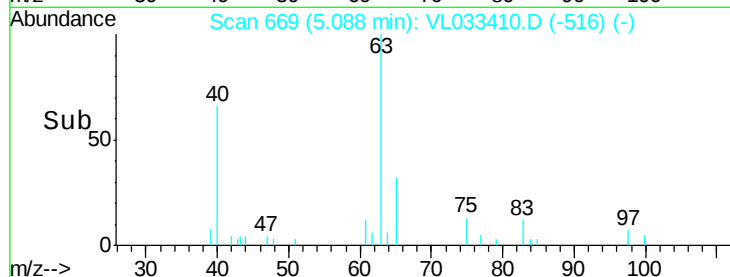
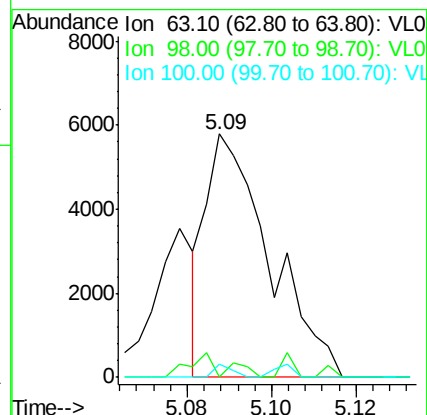
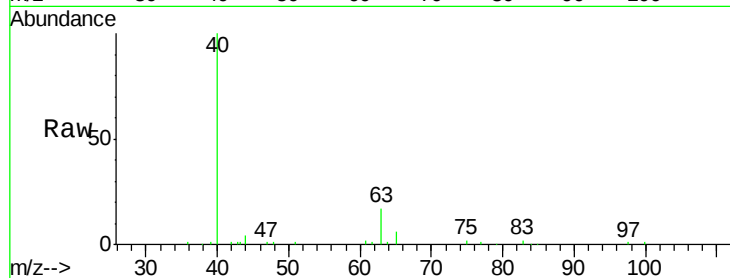
Tgt Ion: 63 Resp: 6061

Ion Ratio Lower Upper

63 100

98 0.0 2.4 7.1#

100 5.4 1.3 3.8#



#25

Ethyl Acetate

Concen: 0.093 ppbv

RT: 5.78 min Scan# 883

Delta R.T. 0.01 min

Lab File: VL033410.D

Acq: 21 Mar 2019 4:13

Tgt Ion: 43 Resp: 16020

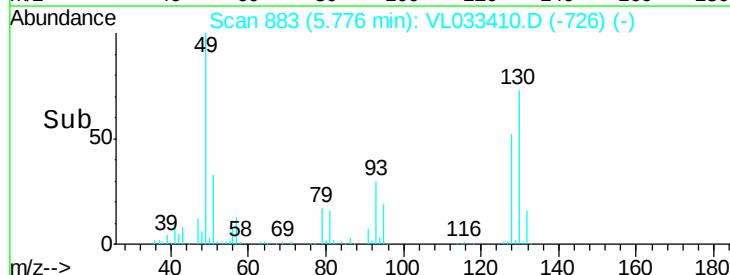
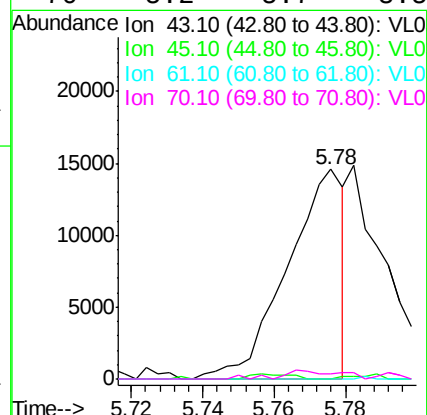
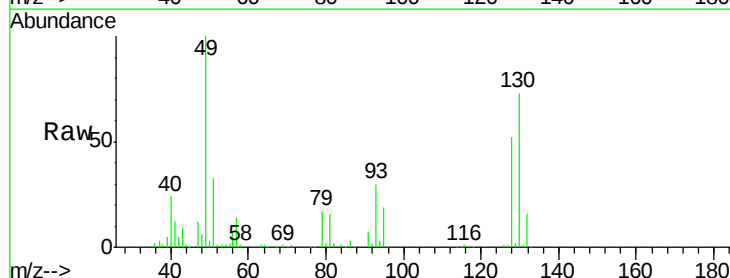
Ion Ratio Lower Upper

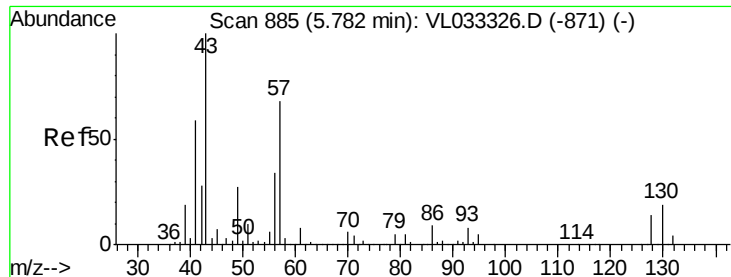
43 100

45 2.9 7.9 11.9#

61 0.0 7.4 11.2#

70 5.2 5.7 8.5#

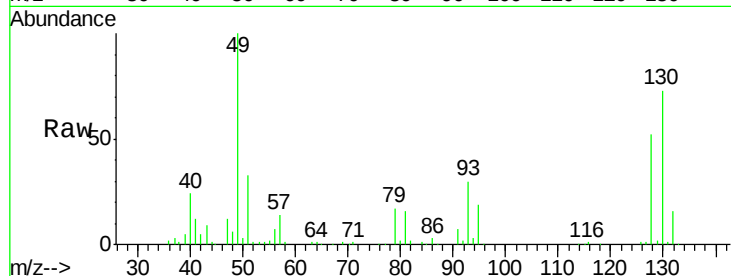




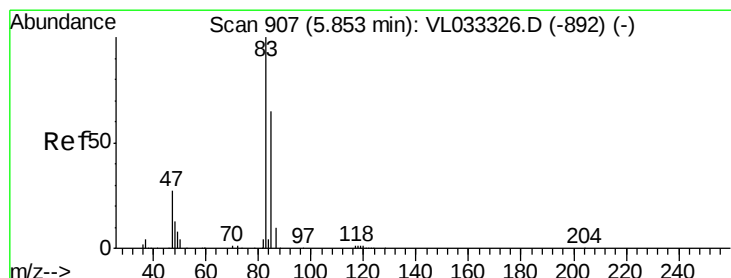
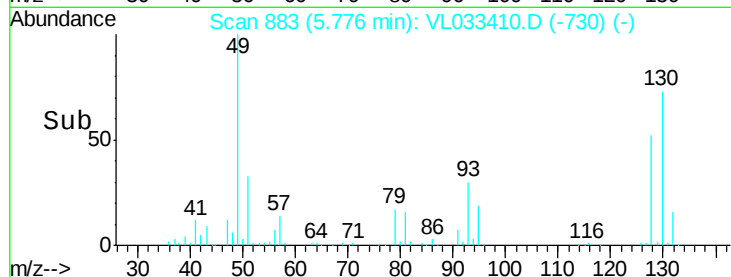
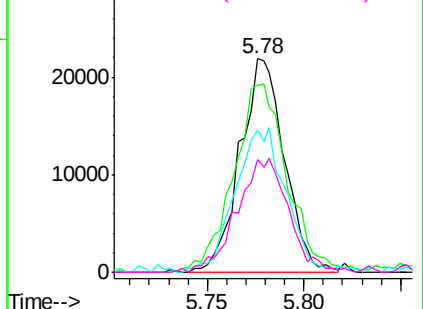
#26
Hexane
Concen: 0.456 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.01 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 57 Resp: 34984
Ion Ratio Lower Upper
57 100
41 106.2 70.5 105.7#
43 79.1 181.8 272.8#
56 61.7 42.2 63.2

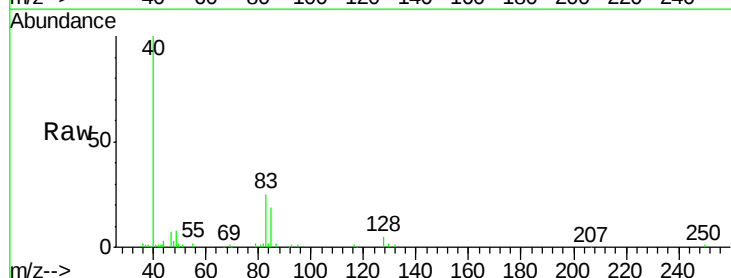


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

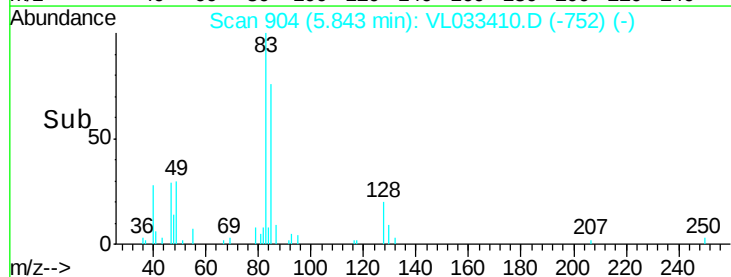
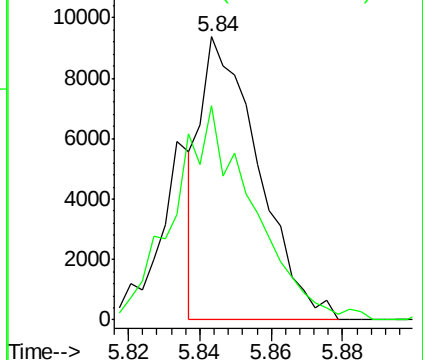


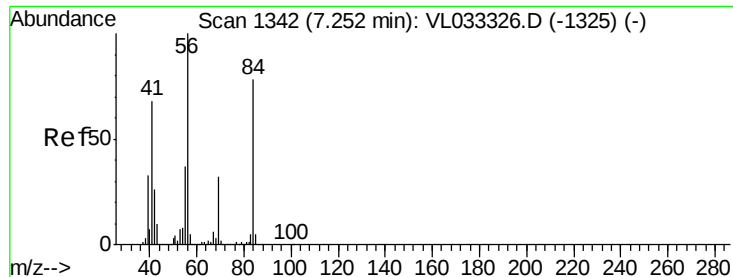
#29
Chloroform
Concen: 0.084 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

Tgt Ion: 83 Resp: 10569
Ion Ratio Lower Upper
83 100
85 74.0 52.0 78.0



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0

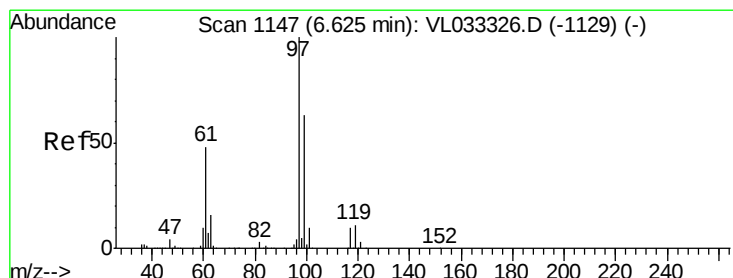
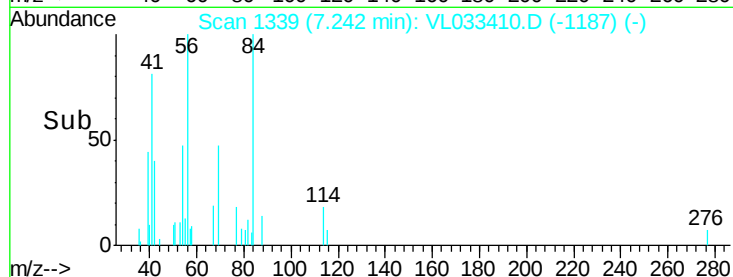
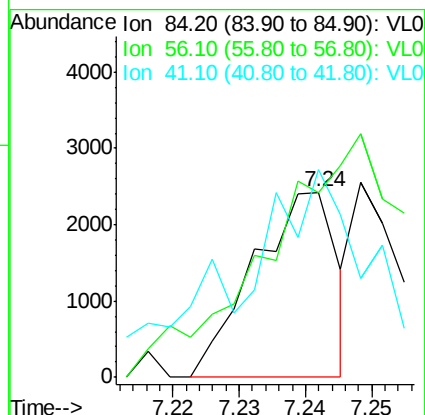
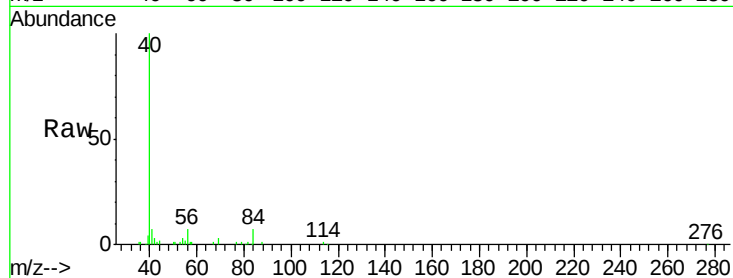




#30
Cyclohexane
Concen: 0.034 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

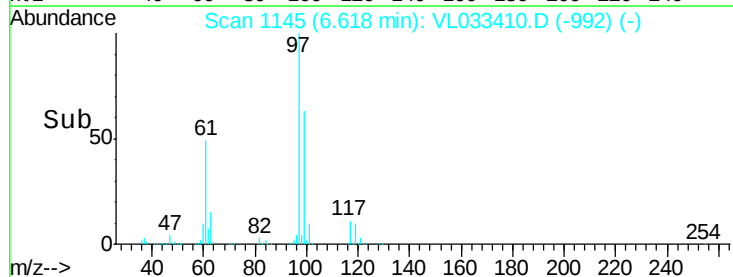
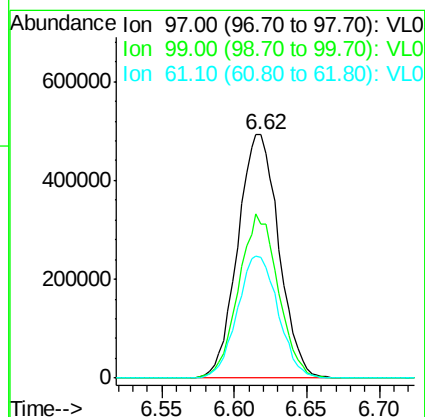
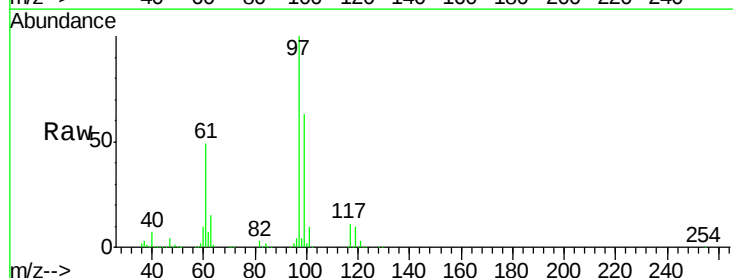
Instrument :
MSVOA_L
ClientSampleId :
SV1

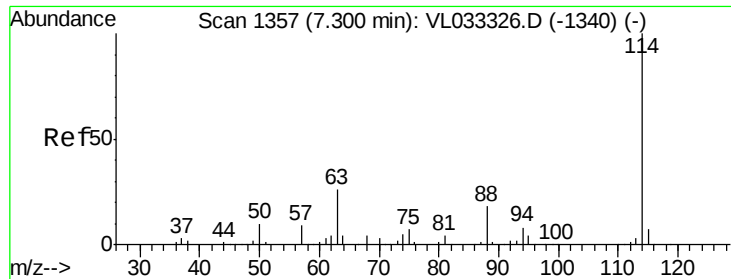
Tgt Ion: 84 Resp: 2109
Ion Ratio Lower Upper
84 100
56 0.0 111.3 166.9#
41 248.3 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 7.856 ppbv
RT: 6.62 min Scan# 1145
Delta R.T. -0.01 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

Tgt Ion: 97 Resp: 969859
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.6
61 50.0 39.3 58.9

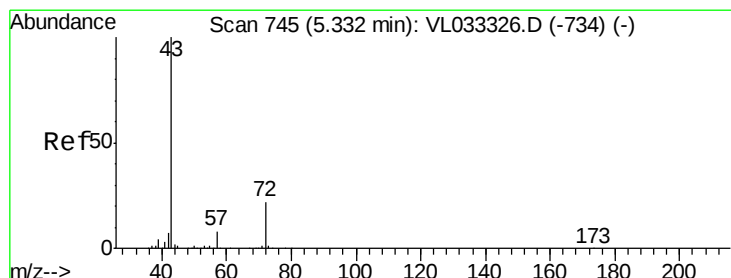
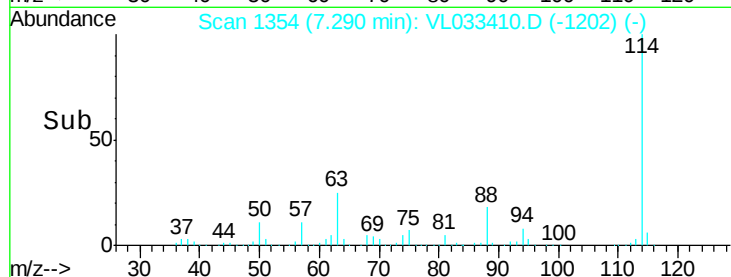
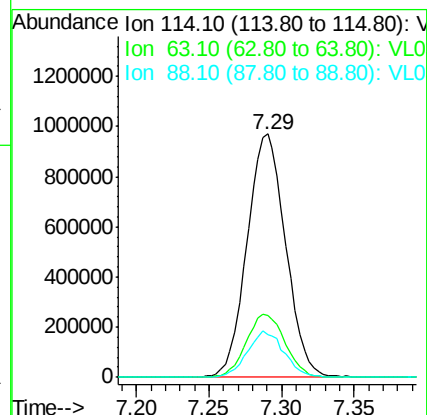
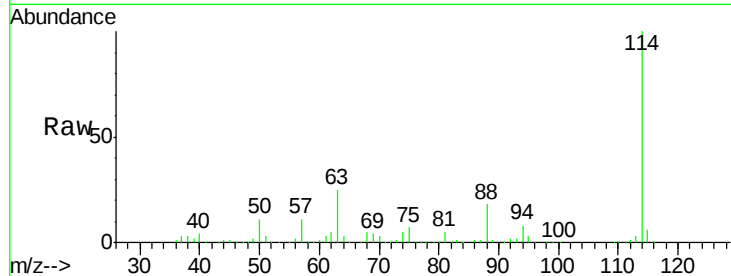




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: VL033410.D
 Acq: 21 Mar 2019 4:13

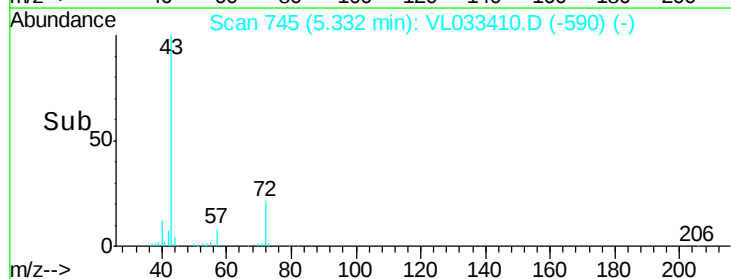
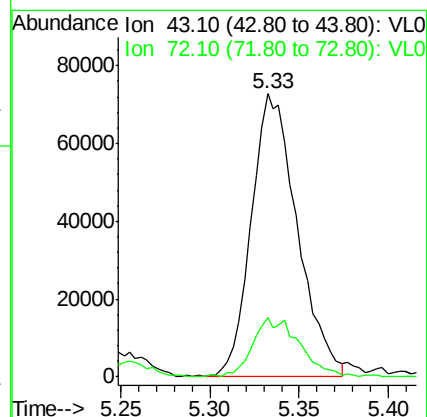
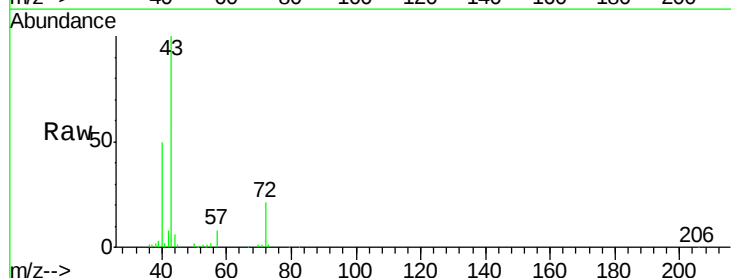
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

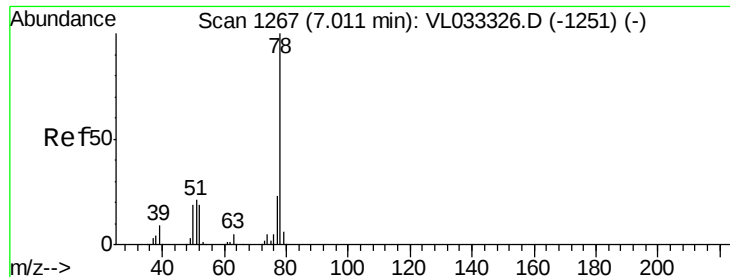
Tgt Ion: 114 Resp: 1795348
 Ion Ratio Lower Upper
 114 100
 63 26.2 21.4 32.2
 88 18.0 14.5 21.7



#34
 2-Butanone
 Concen: 1.107 ppbv
 RT: 5.33 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VL033410.D
 Acq: 21 Mar 2019 4:13

Tgt Ion: 43 Resp: 130521
 Ion Ratio Lower Upper
 43 100
 72 21.6 17.7 26.5

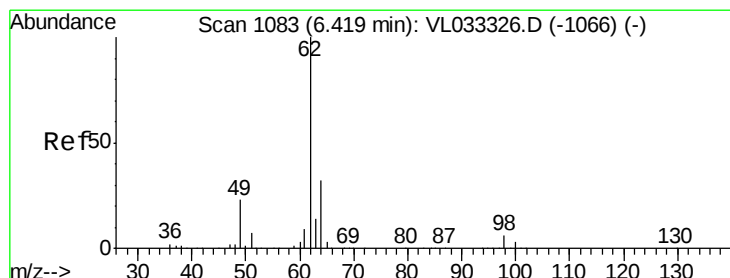
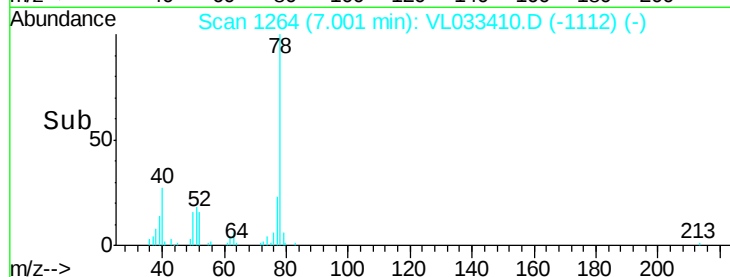
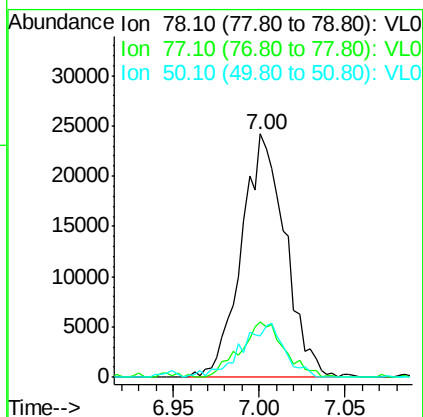
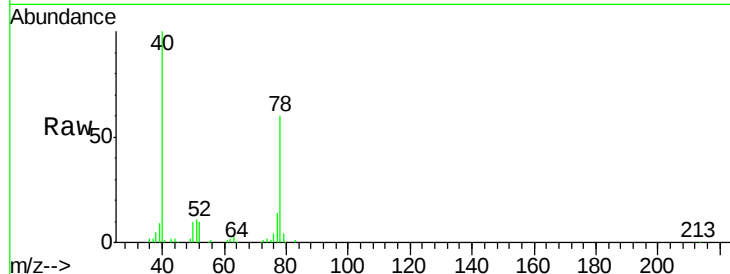




#36
Benzene
Concen: 0.266 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

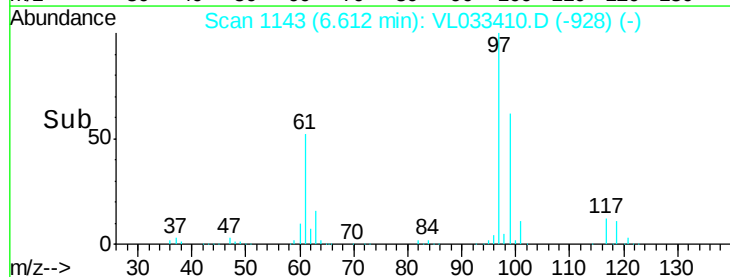
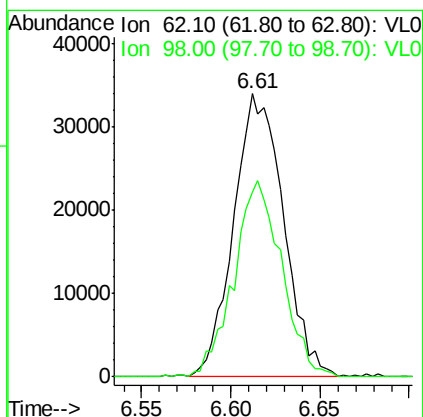
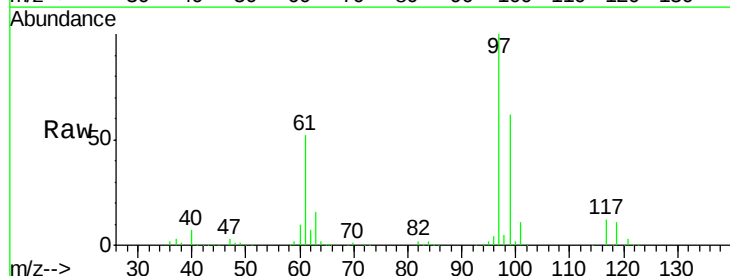
Instrument :
MSVOA_L
ClientSampleId :
SV1

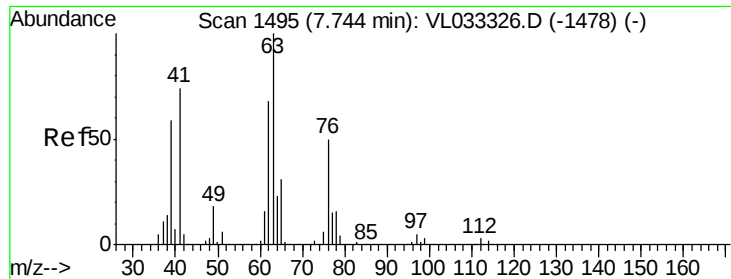
Tgt Ion: 78 Resp: 42704
Ion Ratio Lower Upper
78 100
77 22.7 18.1 27.1
50 17.1 15.2 22.8



#37
1,2-Dichloroethane
Concen: 0.651 ppbv
RT: 6.61 min Scan# 1143
Delta R.T. 0.19 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

Tgt Ion: 62 Resp: 66139
Ion Ratio Lower Upper
62 100
98 66.6 4.5 6.7#

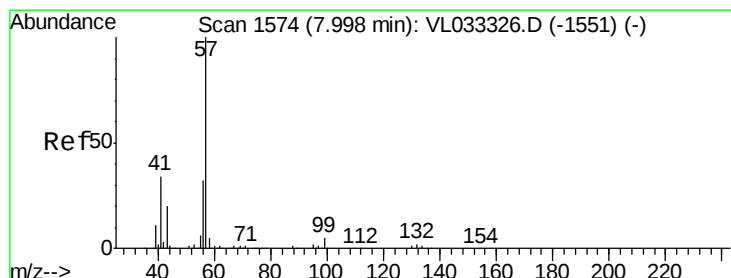
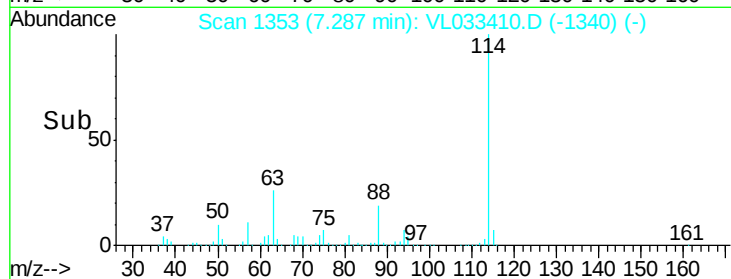
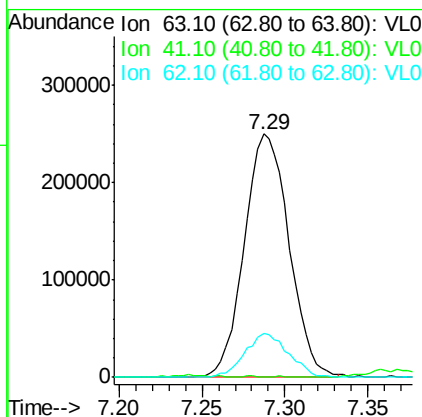
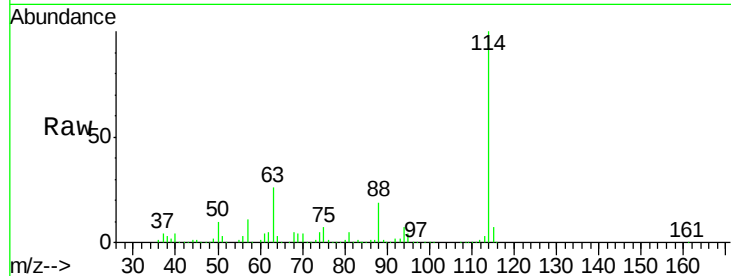




#39
 1,2-Dichloropropane
 Concen: 7.790 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.46 min
 Lab File: VL033410.D
 Acq: 21 Mar 2019 4:13

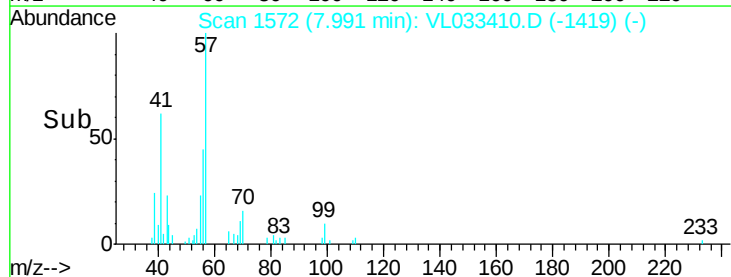
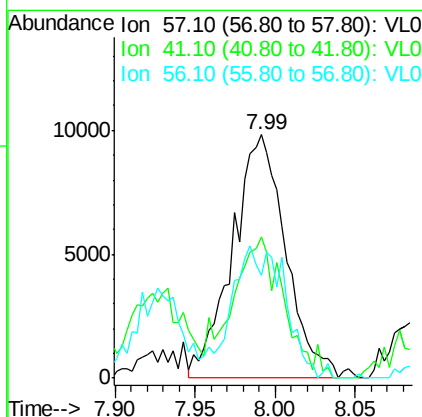
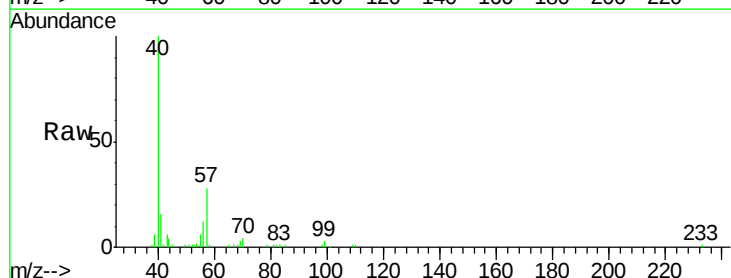
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

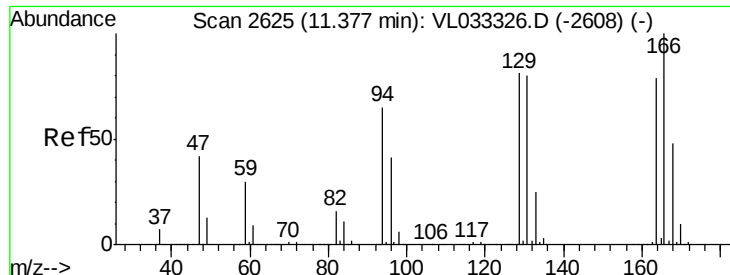
Tgt Ion: 63 Resp: 468745
 Ion Ratio Lower Upper
 63 100
 41 0.0 59.5 89.3#
 62 18.2 54.7 82.1#



#44
 2,2,4-Trimethylpentane
 Concen: 0.084 ppbv
 RT: 7.99 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: VL033410.D
 Acq: 21 Mar 2019 4:13

Tgt Ion: 57 Resp: 22467
 Ion Ratio Lower Upper
 57 100
 41 58.4 26.0 39.0#
 56 52.7 24.6 36.8#





#52

Tetrachloroethene

Concen: 72.794 ppbv

RT: 11.38 min Scan# 2626

Delta R.T. 0.00 min

Lab File: VL033410.D

Acq: 21 Mar 2019 4:13

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tgt Ion:164 Resp: 4872630

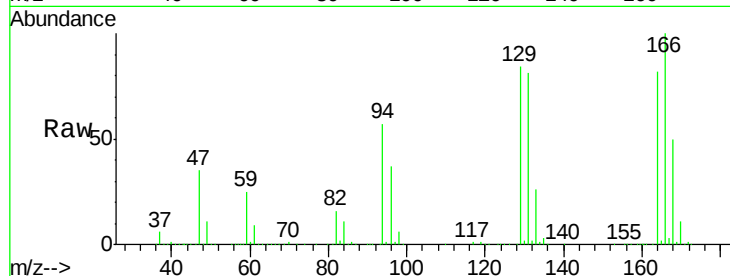
Ion Ratio Lower Upper

164 100

166 122.4 101.5 152.3

129 102.4 82.2 123.2

131 98.9 81.1 121.7

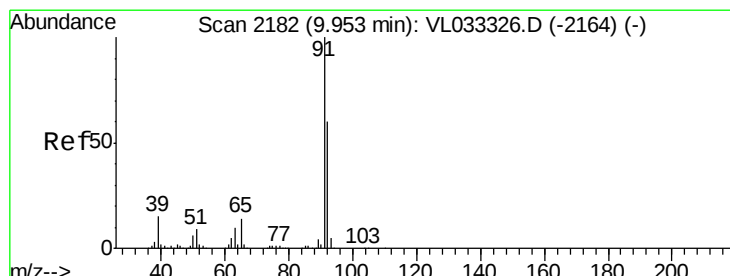
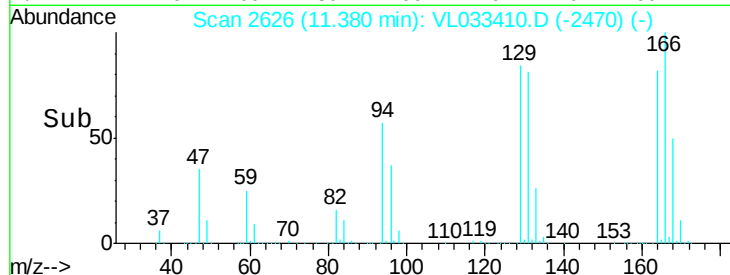
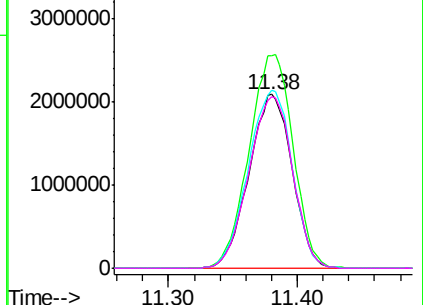


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.840 ppbv

RT: 9.95 min Scan# 2180

Delta R.T. -0.01 min

Lab File: VL033410.D

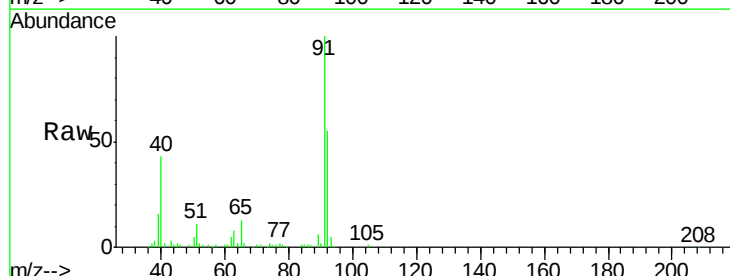
Acq: 21 Mar 2019 4:13

Tgt Ion: 91 Resp: 153309

Ion Ratio Lower Upper

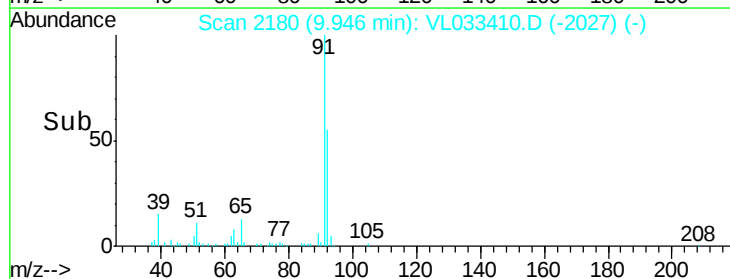
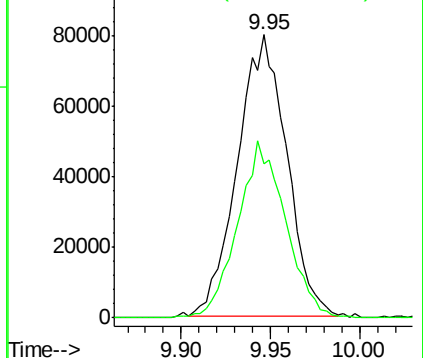
91 100

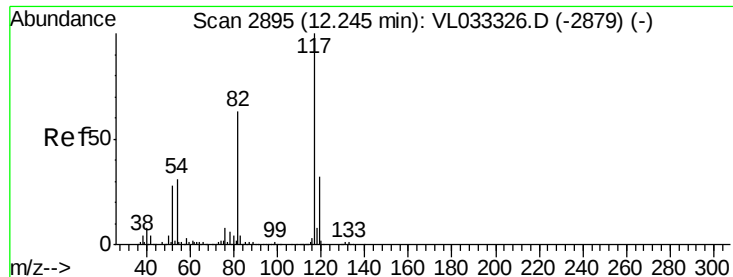
92 61.4 47.4 71.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

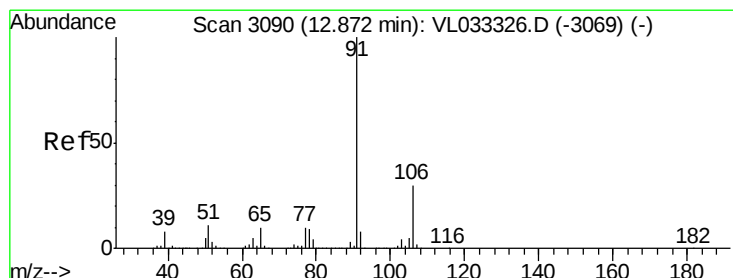
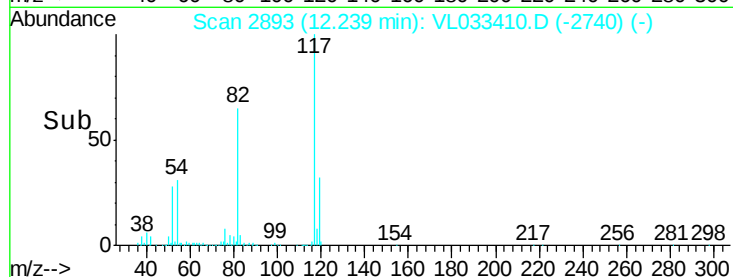
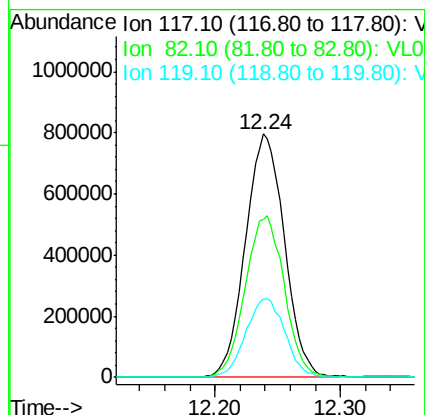
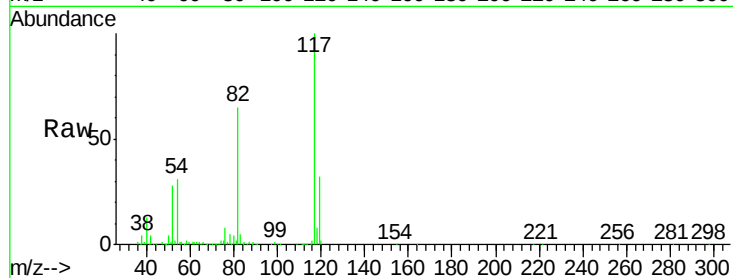




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

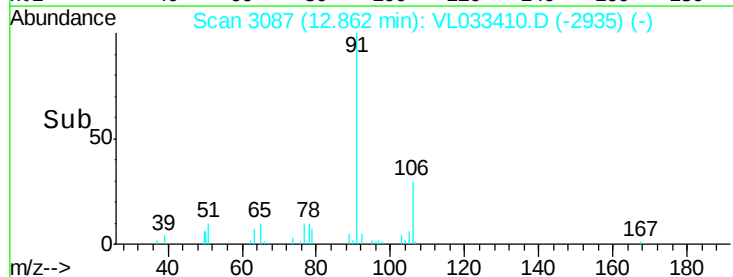
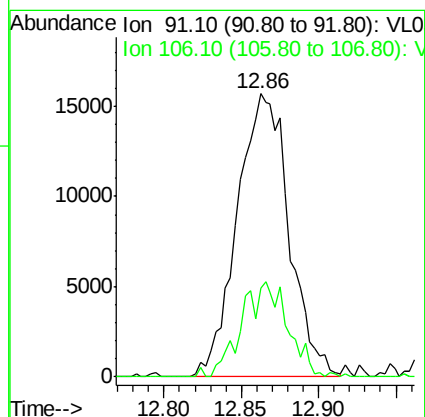
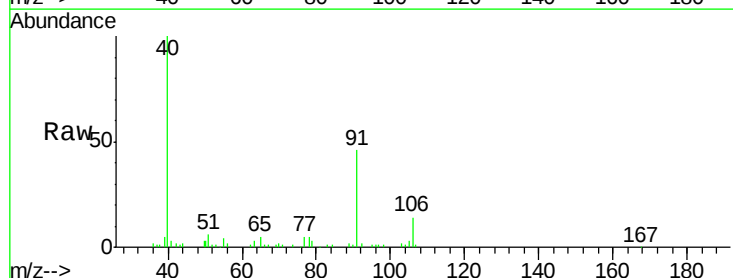
Instrument :
MSVOA_L
ClientSampleId :
SV1

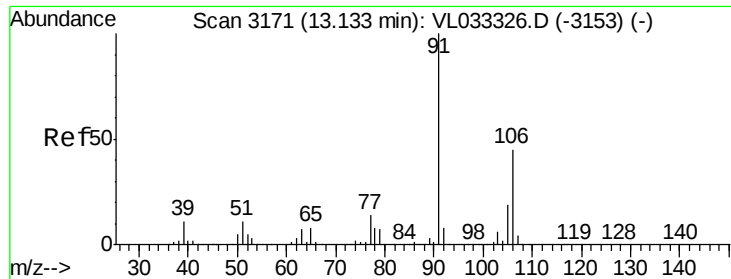
Tgt Ion: 117 Resp: 1714450
Ion Ratio Lower Upper
117 100
82 66.6 53.4 80.2
119 32.6 27.3 40.9



#58
Ethyl Benzene
Concen: 0.151 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

Tgt Ion: 91 Resp: 36530
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2

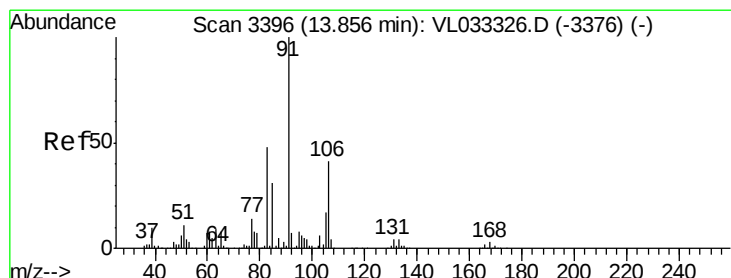
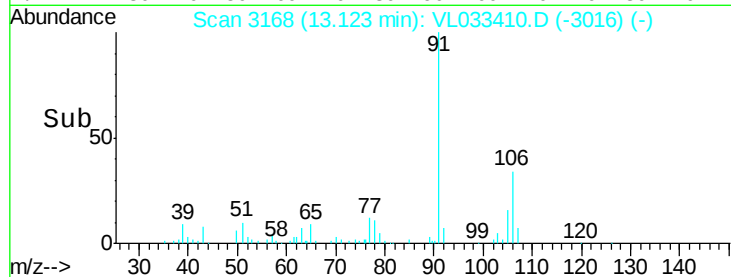
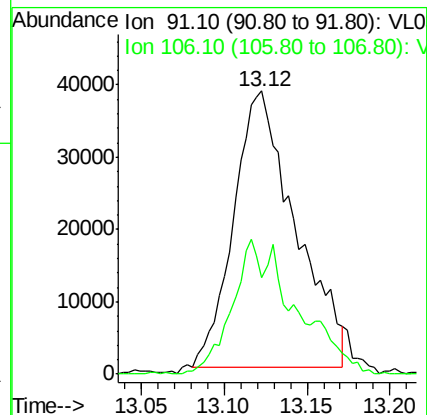
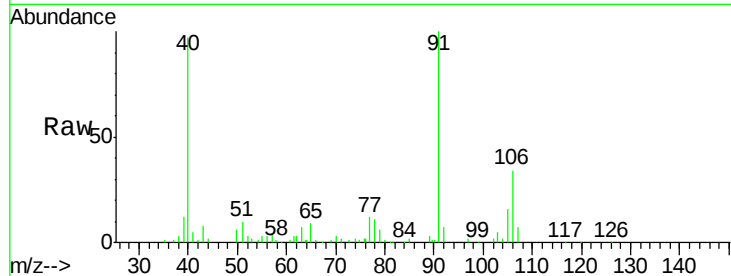




#59
m/p-Xylene
Concen: 0.476 ppbv
RT: 13.12 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

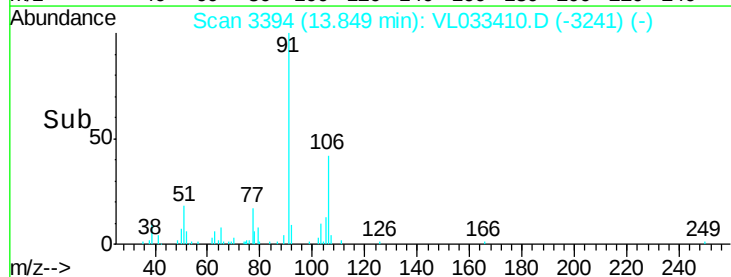
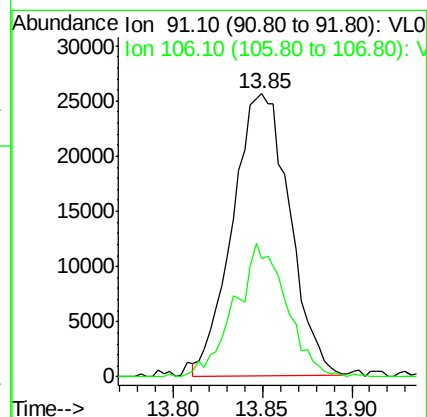
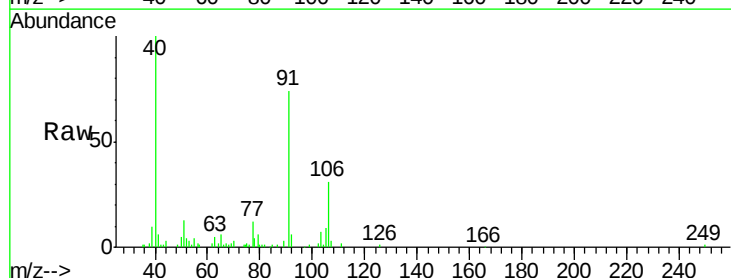
Instrument :
MSVOA_L
ClientSampled :
SV1

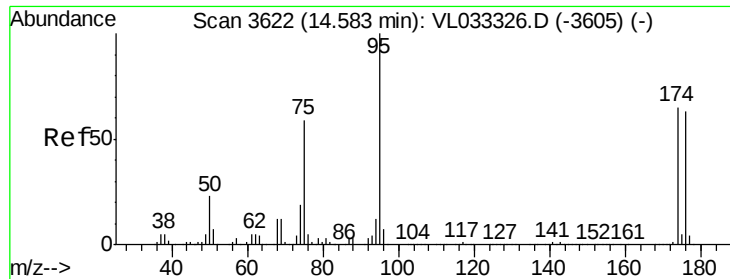
Tgt Ion: 91 Resp: 99147
Ion Ratio Lower Upper
91 100
106 49.6 0.0 0.0#



#60
o-Xylene
Concen: 0.279 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL033410.D
Acq: 21 Mar 2019 4:13

Tgt Ion: 91 Resp: 56803
Ion Ratio Lower Upper
91 100
106 43.2 21.3 63.9

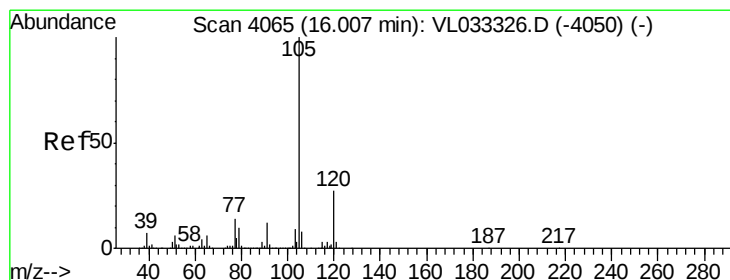
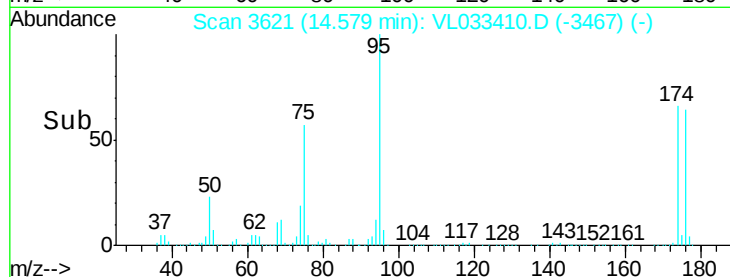
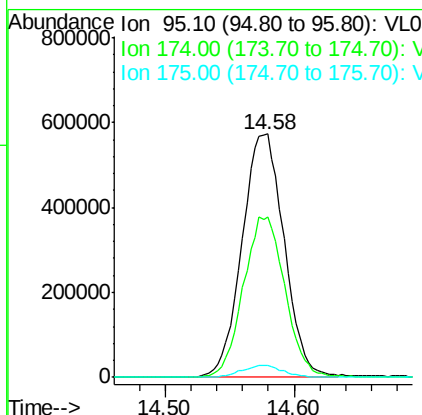
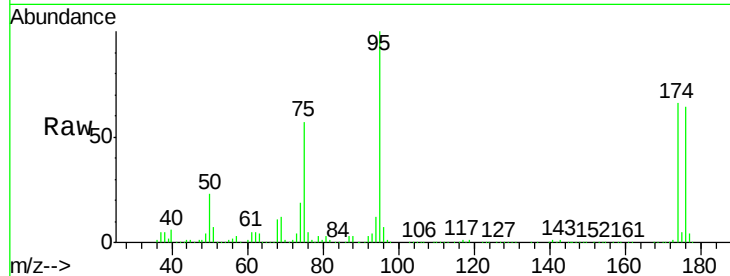




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.276 ppbv
 RT: 14.58 min Scan# 3621
 Delta R.T. -0.00 min
 Lab File: VL033410.D
 Acq: 21 Mar 2019 4:13

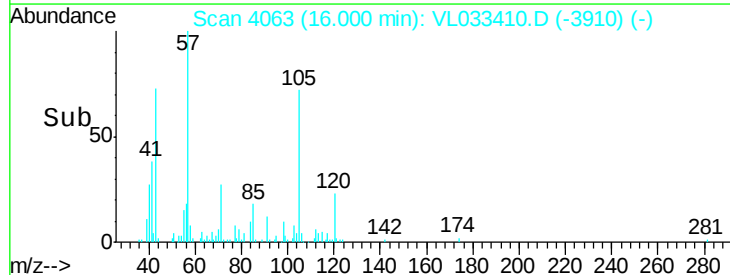
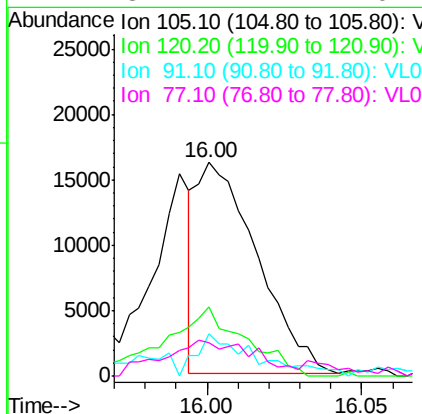
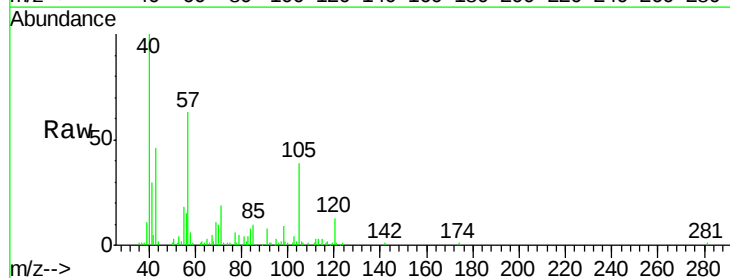
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

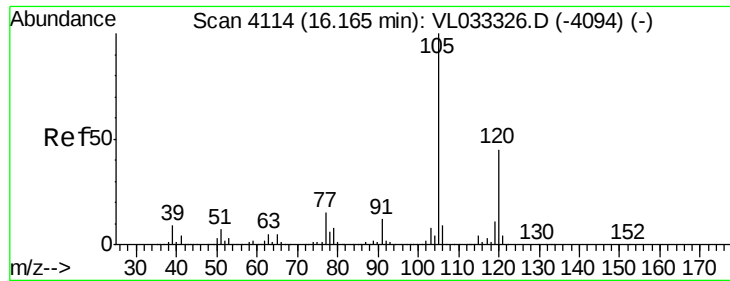
Tgt Ion: 95 Resp: 1305442
 Ion Ratio Lower Upper
 95 100
 174 65.4 51.5 77.3
 175 4.8 3.8 5.6



#72
 4-Ethyltoluene
 Concen: 0.095 ppbv
 RT: 16.00 min Scan# 4063
 Delta R.T. -0.01 min
 Lab File: VL033410.D
 Acq: 21 Mar 2019 4:13

Tgt Ion: 105 Resp: 21849
 Ion Ratio Lower Upper
 105 100
 120 42.1 22.9 34.3#
 91 30.6 10.2 15.2#
 77 32.2 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.106 ppbv

RT: 16.16 min Scan# 4113

Delta R.T. -0.00 min

Lab File: VL033410.D

Acq: 21 Mar 2019 4:13

Instrument :

MSVOA_L

ClientSampleId :

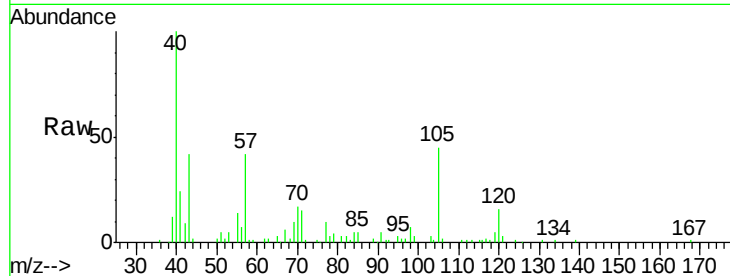
SV1

Tgt Ion:105 Resp: 23846

Ion Ratio Lower Upper

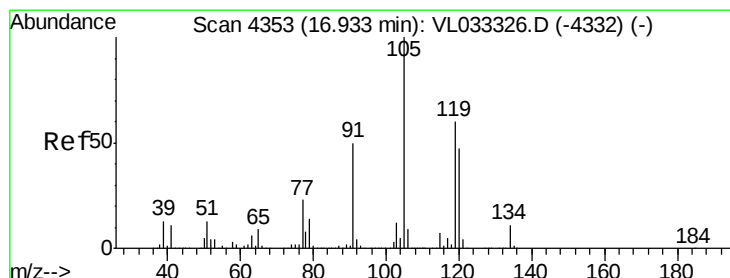
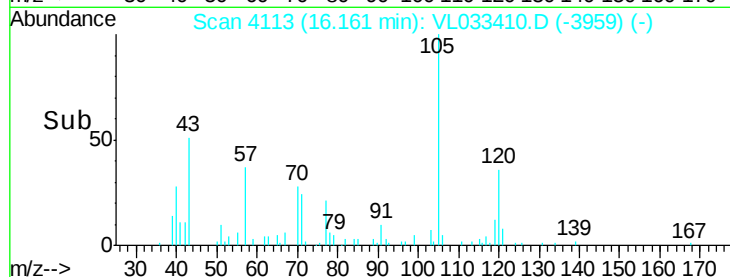
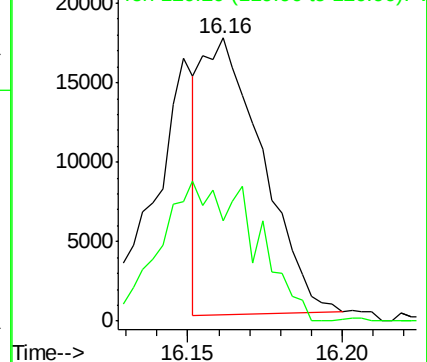
105 100

120 36.0 36.2 54.4#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.425 ppbv

RT: 16.93 min Scan# 4351

Delta R.T. -0.01 min

Lab File: VL033410.D

Acq: 21 Mar 2019 4:13

Tgt Ion:105 Resp: 101198

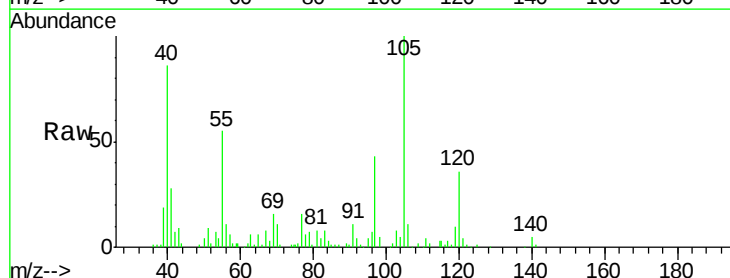
Ion Ratio Lower Upper

105 100

120 35.5 37.4 56.2#

91 10.3 41.0 61.4#

77 15.0 18.5 27.7#



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

