

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
 Data File : VL033509.D
 Acq On : 29 Mar 2019 19:34
 Operator : SY/AP
 Sample : K2042-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

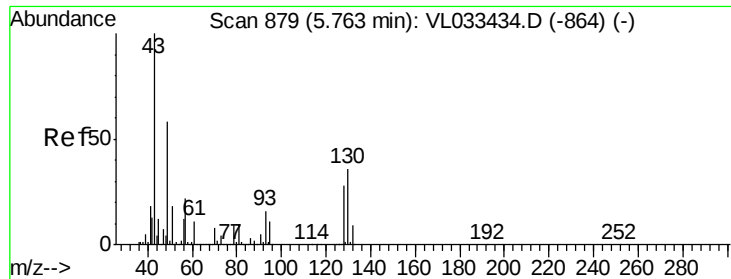
Quant Time: Mar 30 01:12:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	823695	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1876693	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1946503	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1495408	9.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	7594080	80.08	ppbv #	57
4) Chloromethane	3.17	50	9645	0.19	ppbv #	58
5) Vinyl Chloride	3.29	62	1605	0.03	ppbv #	62
7) Chloroethane	3.60	64	4977	0.27	ppbv	91
9) Propene	3.04	41	31324	0.79	ppbv	85
10) Heptane	8.25	43	19578	0.18	ppbv	100
11) Trichlorofluoromethane	4.00	101	36869	0.25	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.56	101	7351	0.07	ppbv	95
13) Ethanol	3.66	45	2312504	224.40	ppbv	64
15) Acetone	3.90	43	642671	6.49	ppbv	99
16) 1,3-Butadiene	3.34	39	58977	1.50	ppbv #	12
17) tert-Butyl alcohol	4.36	59	7468	0.41	ppbv #	73
19) Isopropyl Alcohol	4.03	45	179660	2.87	ppbv #	93
20) Methylene Chloride	4.41	84	134174	3.19	ppbv	97
22) trans-1,2-Dichloroethene	4.96	96	6298	0.14	ppbv #	72
23) Vinyl Acetate	5.14	43	32711	0.23	ppbv #	60
25) Ethyl Acetate	5.78	43	150939	0.82	ppbv #	87
26) Hexane	5.78	57	177359	2.17	ppbv #	43
27) Carbon Disulfide	4.62	76	4382	0.05	ppbv #	58
29) Chloroform	5.85	83	37160	0.27	ppbv	87
30) Cyclohexane	7.24	84	2458	0.04	ppbv #	1
31) cis-1,2-Dichloroethene	5.64	61	50932	0.63	ppbv	99
34) 2-Butanone	5.33	43	68249	0.61	ppbv	98
35) Carbon Tetrachloride	7.13	117	9867	0.07	ppbv #	86
36) Benzene	7.00	78	52177	0.33	ppbv #	91
38) Trichloroethene	7.96	130	336174	5.67	ppbv	97
39) 1,2-Dichloropropane	7.29	63	508153	8.24	ppbv #	24
44) 2,2,4-Trimethylpentane	7.99	57	57961	0.21	ppbv #	68
52) Tetrachloroethene	11.36	164	2014	0.03	ppbv #	79
53) Toluene	9.94	91	756478	4.13	ppbv	99
58) Ethyl Benzene	12.86	91	20945	0.08	ppbv	94
59) m/p-Xylene	13.15	91	24520	0.11	ppbv #	100
60) o-Xylene	13.84	91	30801	0.14	ppbv	92
74) 1,2,4-Trimethylbenzene	16.93	105	12989	0.05	ppbv #	72

(#) = 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

Lab File: VL033509.D

Acq: 29 Mar 2019 19:34

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ClientSampleId :

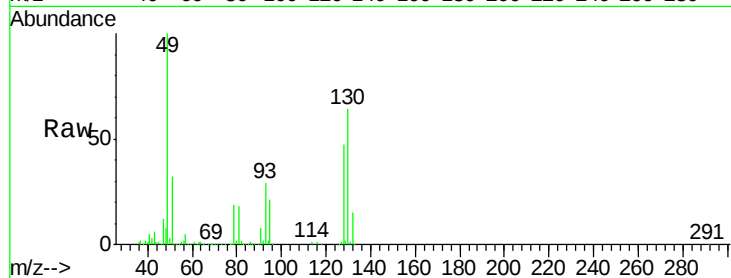
Tot Ion: 49 Resp: 823695

Ion Ratio Lower Upper

49 100

128 47.5 24.0 72.0

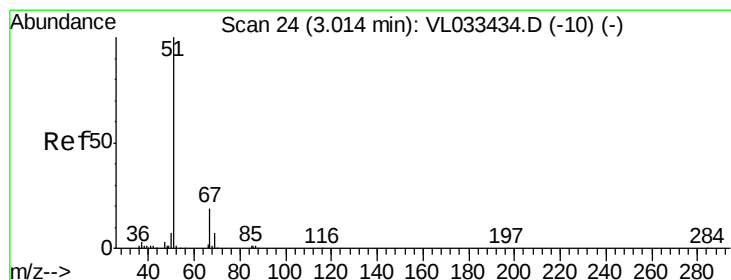
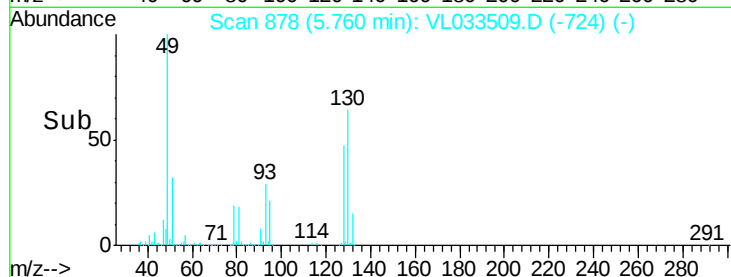
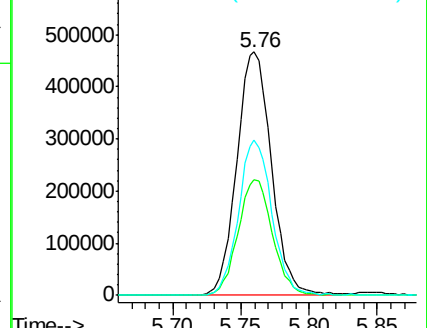
130 61.7 31.2 93.6



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



#3

Chlorodifluoromethane

Concen: 80.08 ppbv

RT: 2.99 min Scan# 16

Delta R.T. -0.03 min

Lab File: VL033509.D

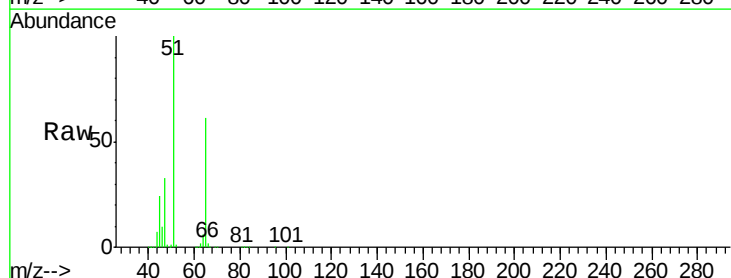
Acq: 29 Mar 2019 19:34

Tgt Ion: 51 Resp: 7594080

Ion Ratio Lower Upper

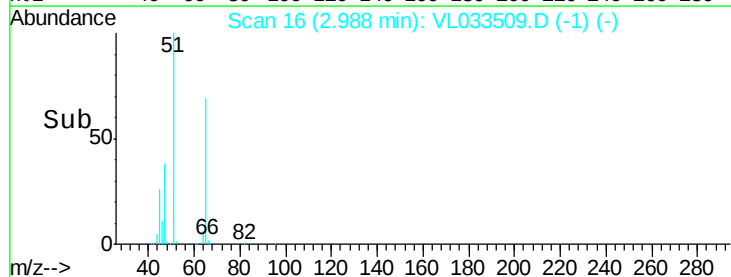
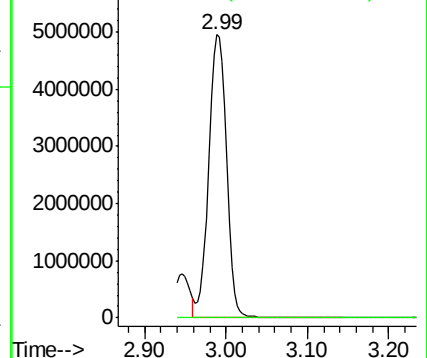
51 100

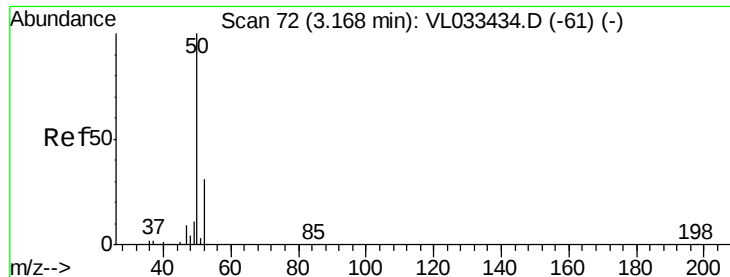
67 0.1 15.7 23.5#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.19 ppbv

RT: 3.17 min Scan# 73

Delta R.T. 0.00 min

Lab File: VL033509.D

Acq: 29 Mar 2019 19:34

Instrument :

MSVOA_L

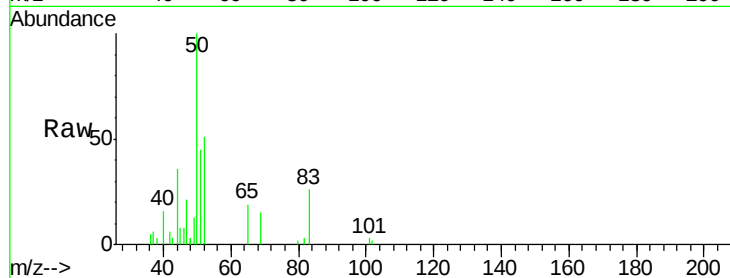
ClientSampleId :

Tot Ion: 50 Resp: 9645

Ion Ratio Lower Upper

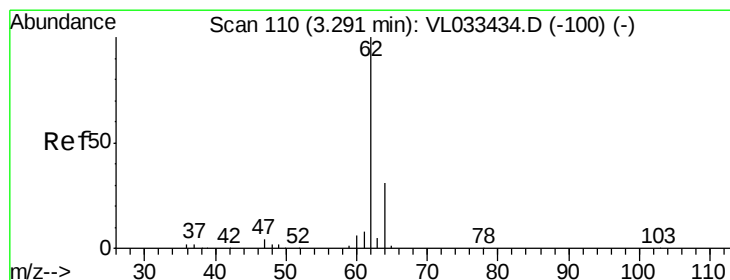
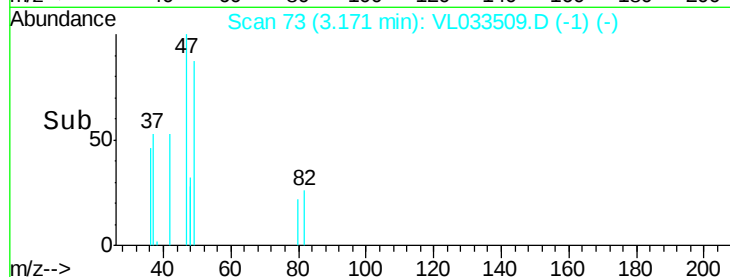
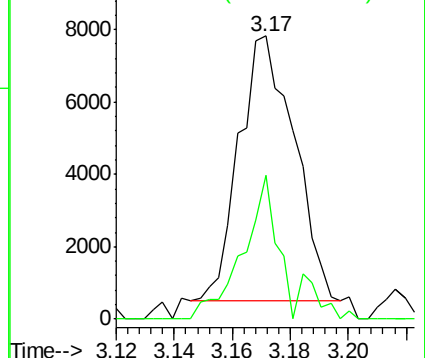
50 100

52 54.5 25.0 37.6#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#5

Vinyl Chloride

Concen: 0.03 ppbv

RT: 3.29 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL033509.D

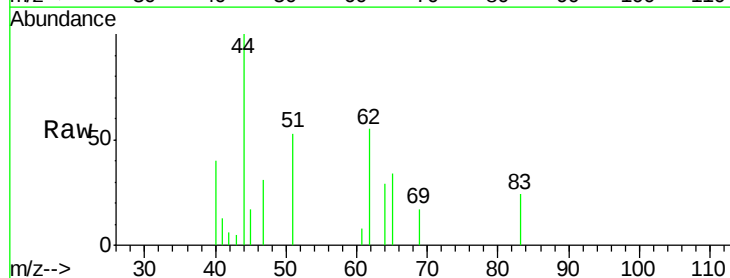
Acq: 29 Mar 2019 19:34

Tgt Ion: 62 Resp: 1605

Ion Ratio Lower Upper

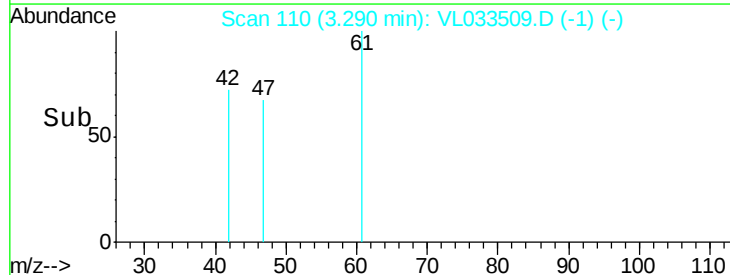
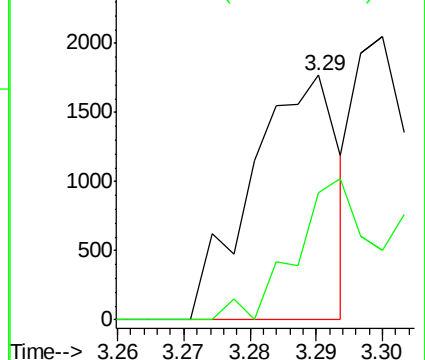
62 100

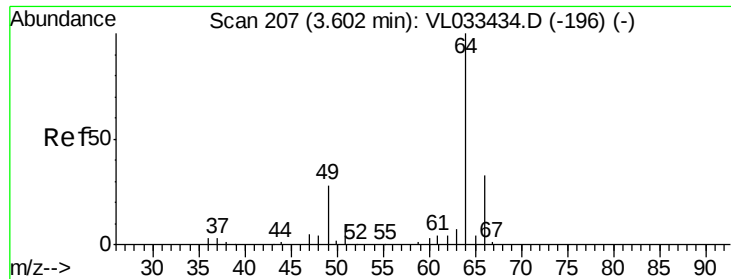
64 52.1 24.9 37.3#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





#7

Chloroethane

Concen: 0.27 ppbv

RT: 3.60 min Scan# 206

Delta R.T. -0.00 min

Lab File: VL033509.D

Acq: 29 Mar 2019 19:34

Instrument :

MSVOA_L

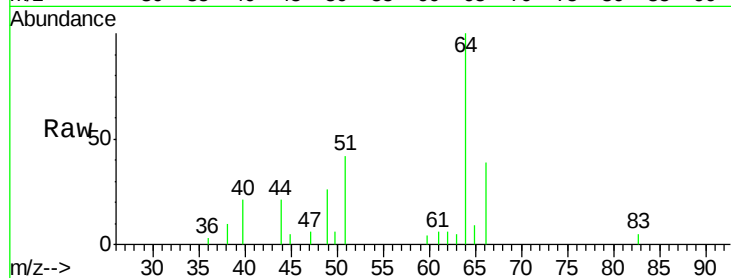
ClientSampleId :

Tot Ion: 64 Resp: 4977

Ion Ratio Lower Upper

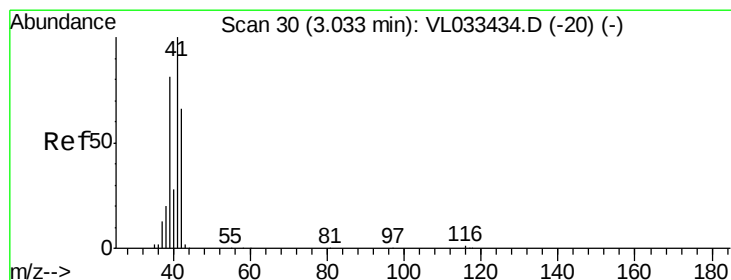
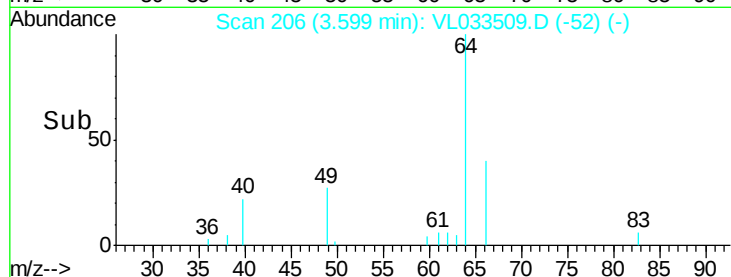
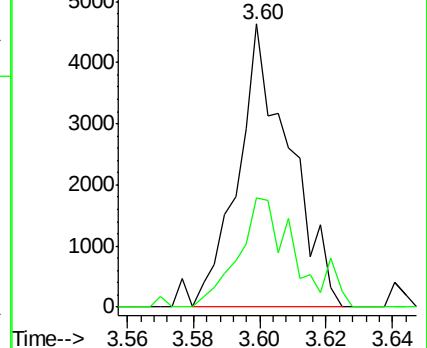
64 100

66 38.6 26.7 40.1



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 0.79 ppbv

RT: 3.04 min Scan# 32

Delta R.T. 0.01 min

Lab File: VL033509.D

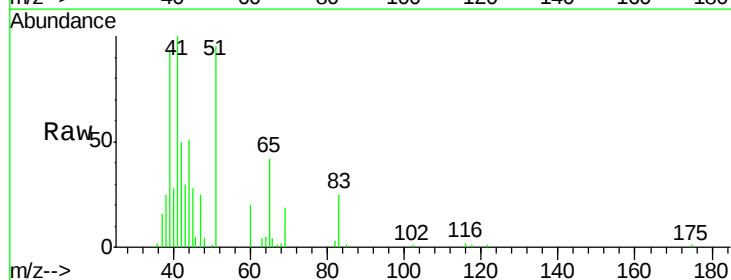
Acq: 29 Mar 2019 19:34

Tgt Ion: 41 Resp: 31324

Ion Ratio Lower Upper

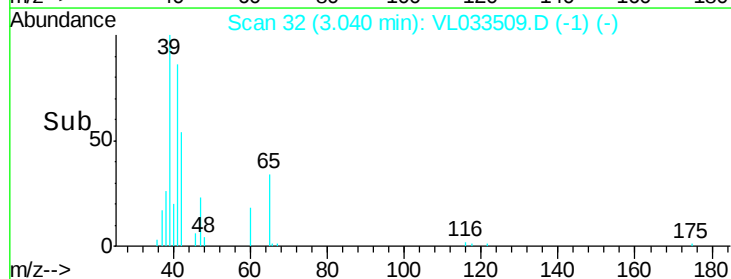
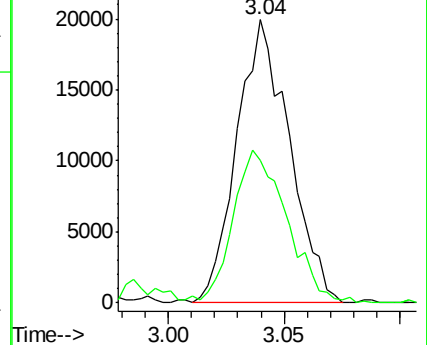
41 100

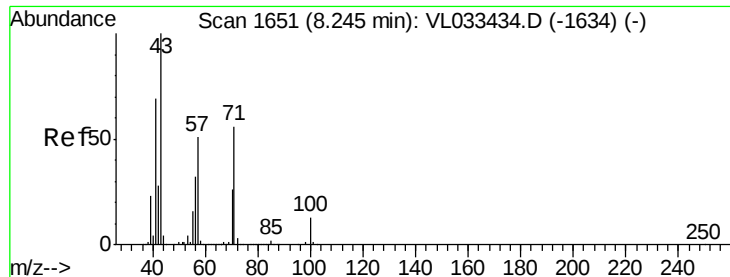
42 55.2 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

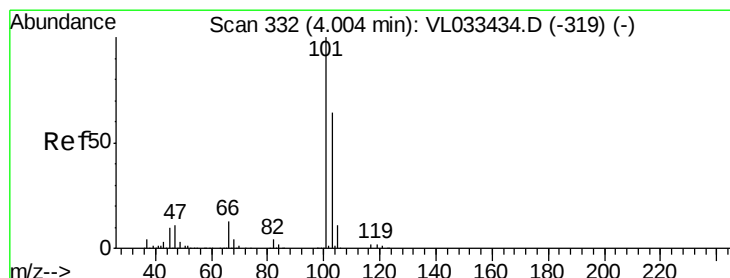
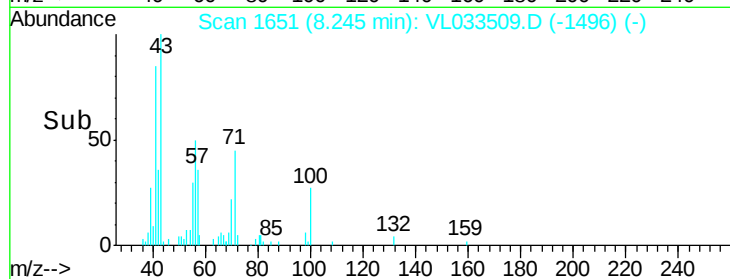
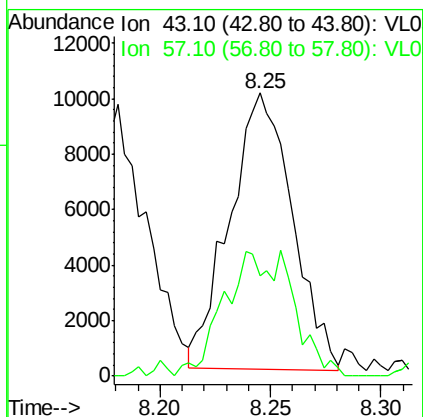
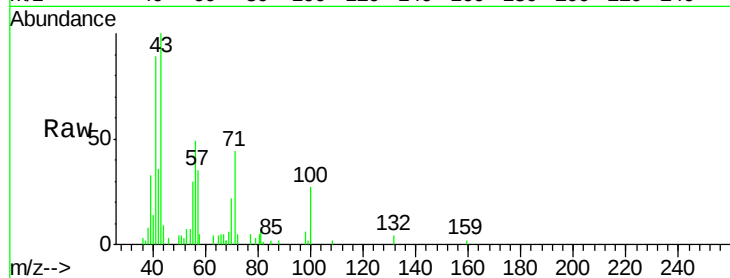




#10
Heptane
Concen: 0.18 ppbv
RT: 8.25 min Scan# 1651
Delta R.T. -0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

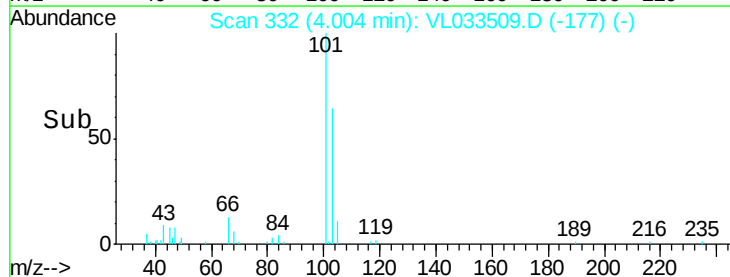
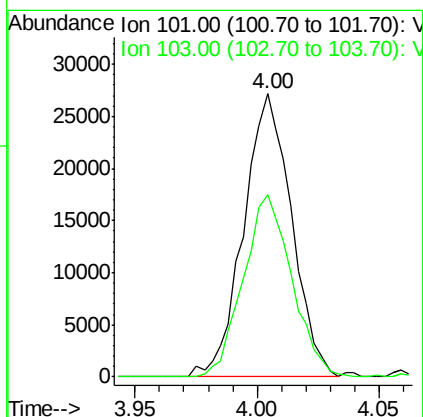
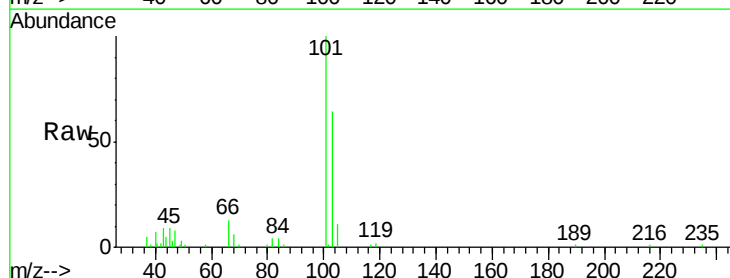
Instrument :
MSVOA_L
ClientSampleId :

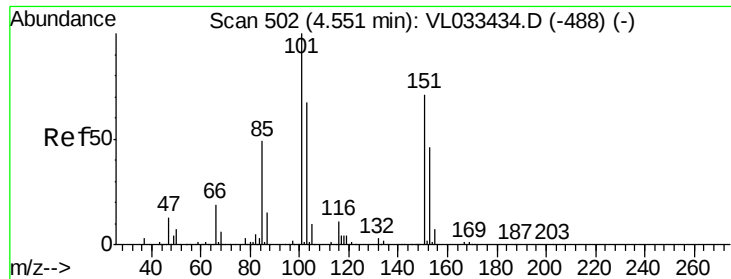
Tot Ion: 43 Resp: 19578
Ion Ratio Lower Upper
43 100
57 50.8 40.6 60.8



#11
Trichlorofluoromethane
Concen: 0.25 ppbv
RT: 4.00 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Tgt Ion: 101 Resp: 36869
Ion Ratio Lower Upper
101 100
103 63.3 51.3 76.9





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.07 ppbv

RT: 4.56 min Scan# 504

Delta R.T. 0.01 min

Lab File: VL033509.D

Acq: 29 Mar 2019 19:34

Instrument :

MSVOA_L

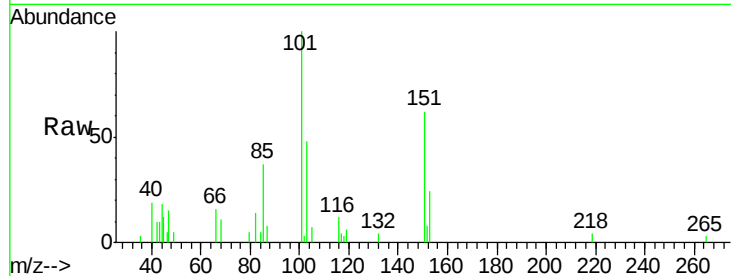
ClientSampleId :

Tot Ion:101 Resp: 7351

Ion Ratio Lower Upper

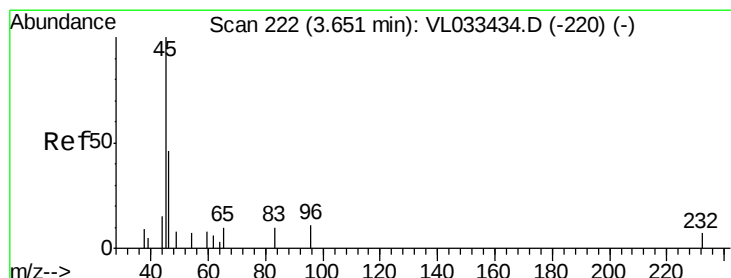
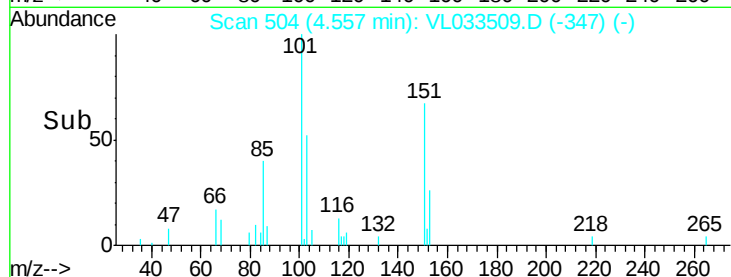
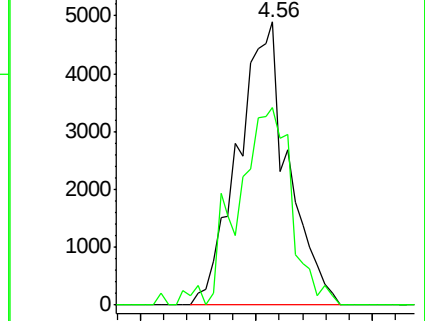
101 100

151 76.3 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: 224.40 ppbv

RT: 3.66 min Scan# 224

Delta R.T. 0.01 min

Lab File: VL033509.D

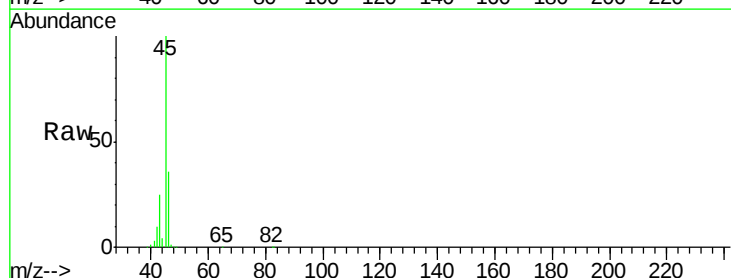
Acq: 29 Mar 2019 19:34

Tgt Ion: 45 Resp: 2312504

Ion Ratio Lower Upper

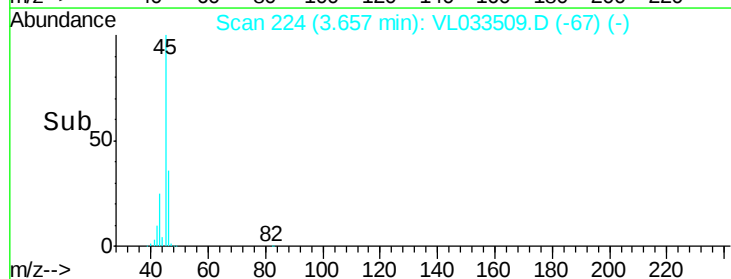
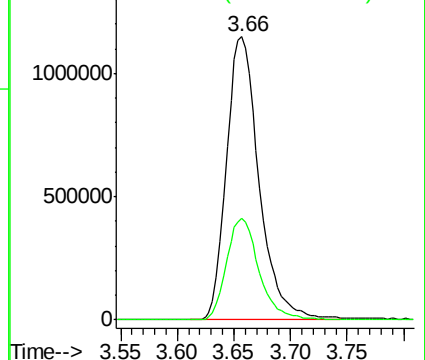
45 100

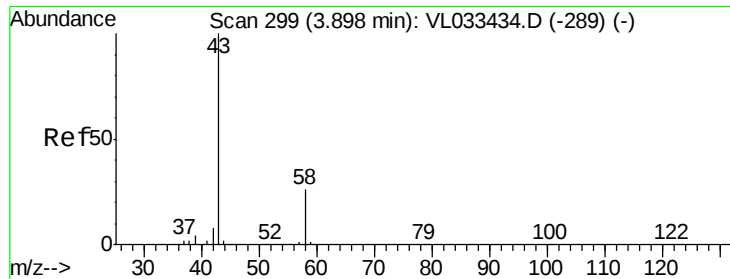
46 35.7 25.4 101.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 6.49 ppbv

RT: 3.90 min Scan# 300

Delta R.T. 0.00 min

Lab File: VL033509.D

Acq: 29 Mar 2019 19:34

Instrument :

MSVOA_L

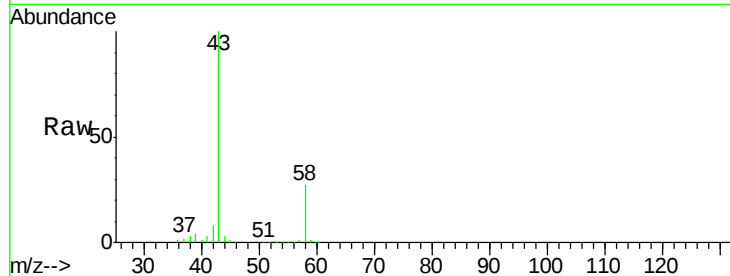
ClientSampleId :

Tot Ion: 43 Resp: 642671

Ion Ratio Lower Upper

43 100

58 25.2 20.5 30.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.90

400000

300000

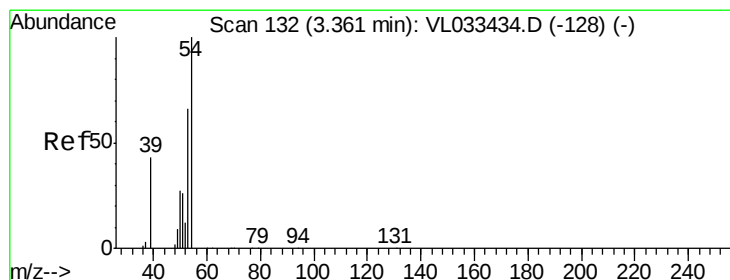
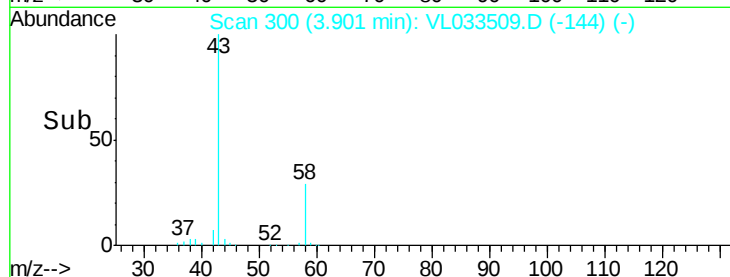
200000

100000

0

3.85 3.90 3.95

Time-->



#16

1,3-Butadiene

Concen: 1.50 ppbv

RT: 3.34 min Scan# 126

Delta R.T. -0.02 min

Lab File: VL033509.D

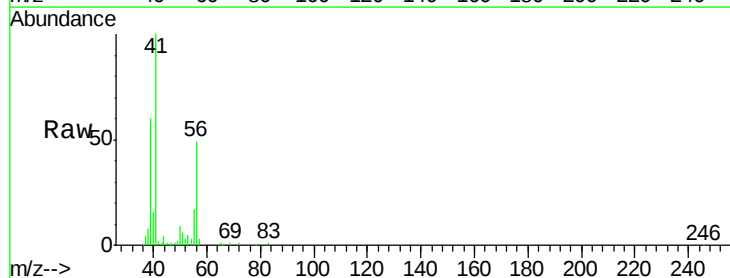
Acq: 29 Mar 2019 19:34

Tgt Ion: 39 Resp: 58977

Ion Ratio Lower Upper

39 100

54 5.1 69.4 104.2#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.34

50000

40000

30000

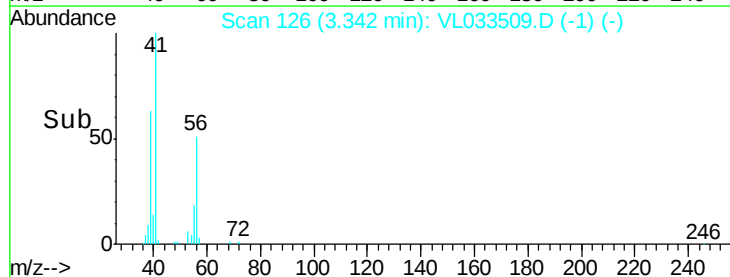
20000

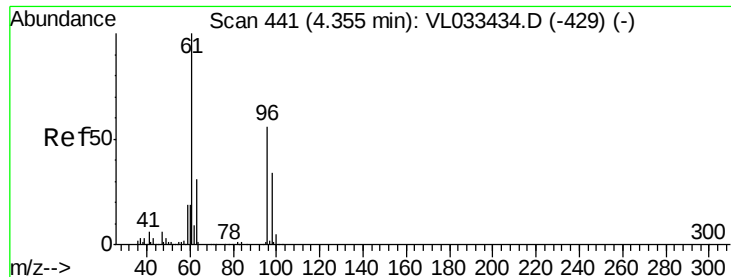
10000

0

3.30 3.35

Time-->



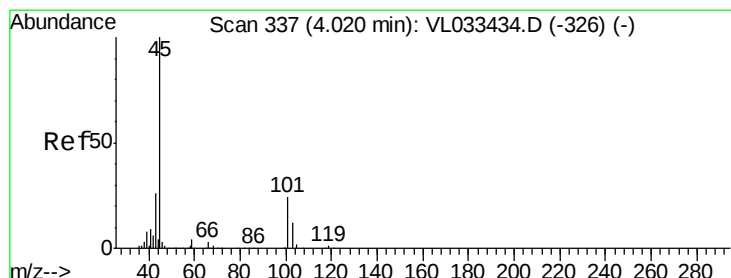
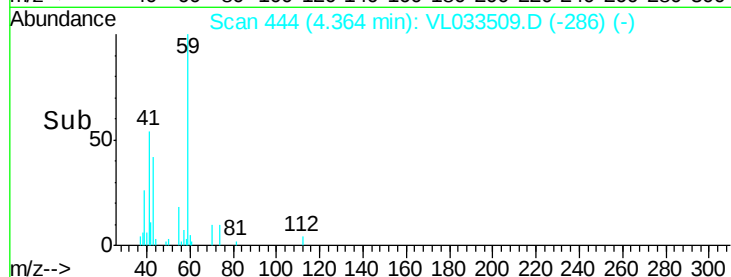
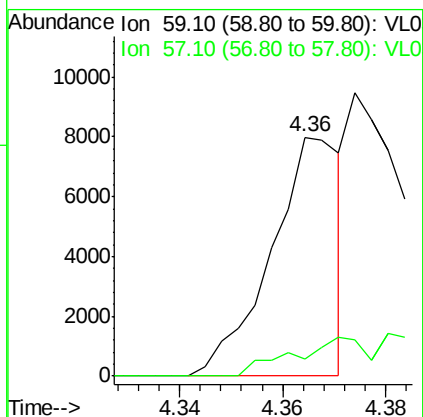
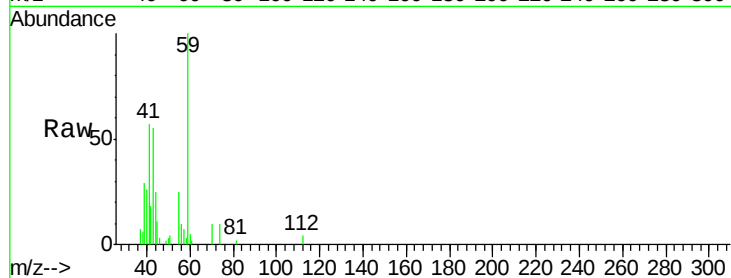


#17

tert-Butyl alcohol
Concen: 0.41 ppbv
RT: 4.36 min Scan# 444
Delta R.T. 0.01 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Instrument :
MSVOA_L
ClientSampleId :

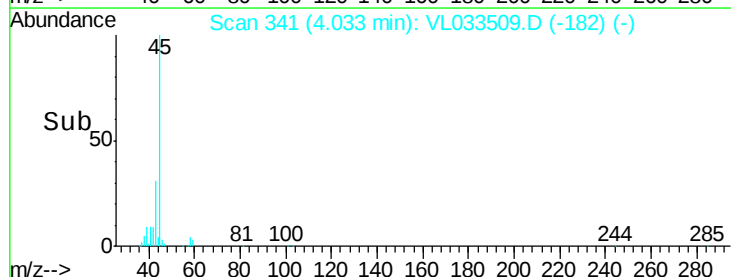
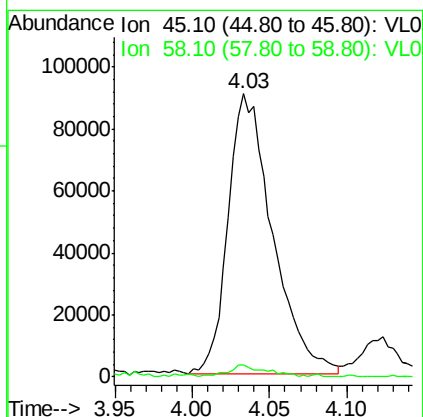
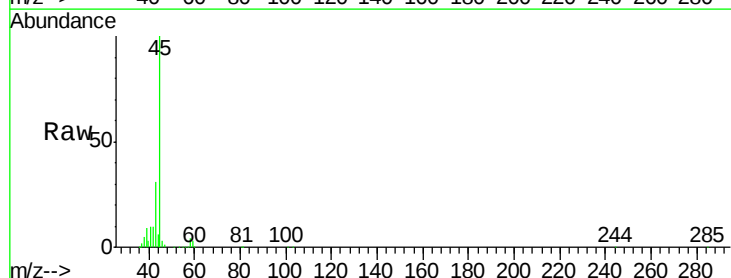
Tot Ion: 59 Resp: 7468
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

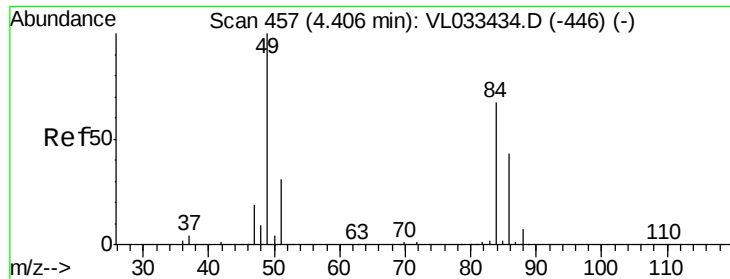


#19

Isopropyl Alcohol
Concen: 2.87 ppbv
RT: 4.03 min Scan# 341
Delta R.T. 0.01 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Tgt Ion: 45 Resp: 179660
Ion Ratio Lower Upper
45 100
58 4.4 1.4 2.2#

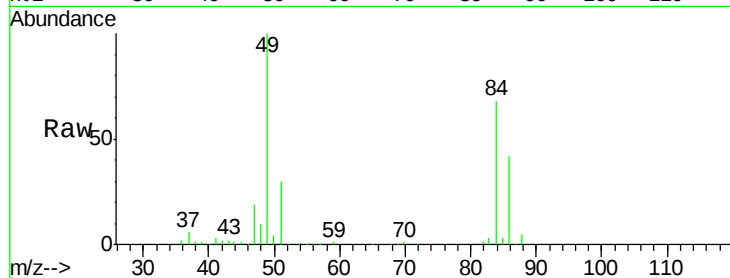




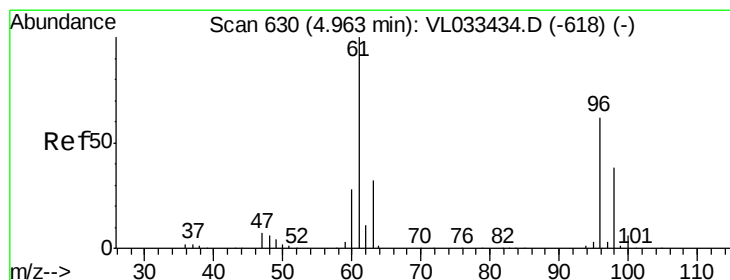
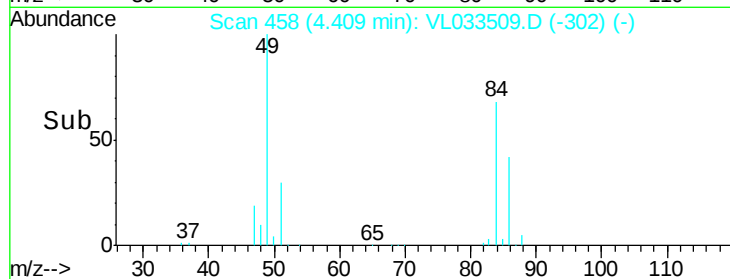
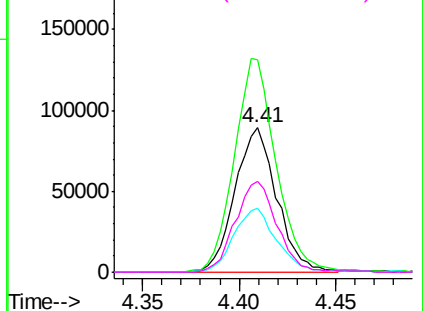
#20
Methvlene Chloride
Concen: 3.19 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 134174
Ion Ratio Lower Upper
84 100
49 146.6 120.0 180.0
51 44.7 36.7 55.1
86 62.7 51.9 77.9

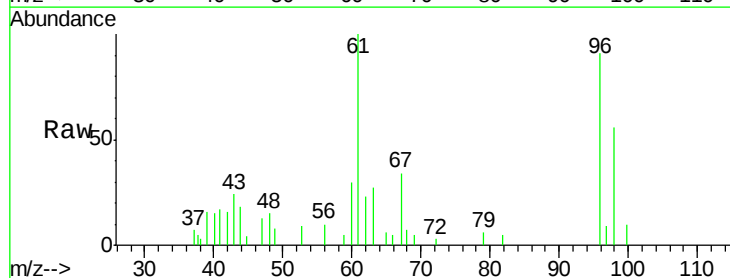


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

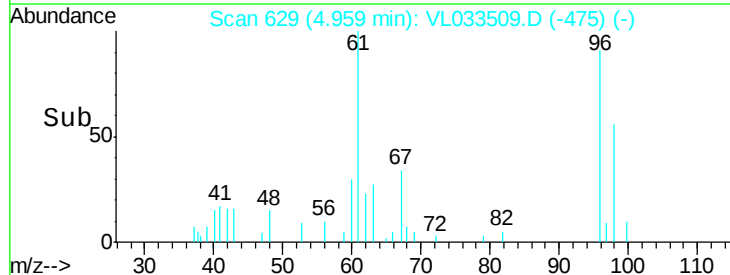
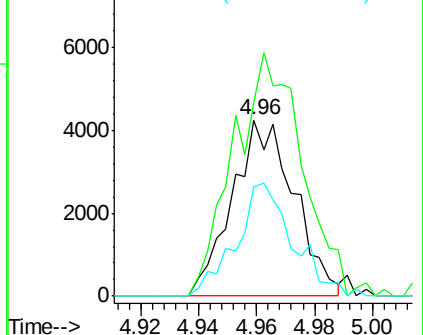


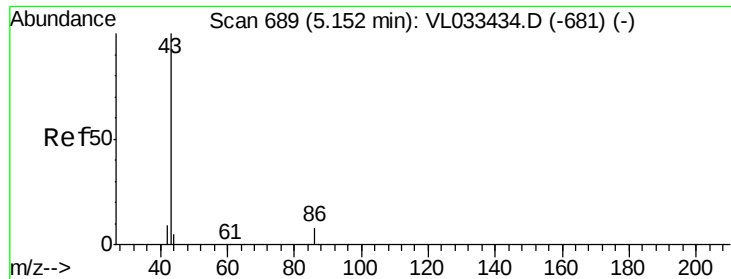
#22
trans-1,2-Dichloroethene
Concen: 0.14 ppbv
RT: 4.96 min Scan# 629
Delta R.T. -0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Tgt Ion: 96 Resp: 6298
Ion Ratio Lower Upper
96 100
61 110.1 128.9 193.3#
98 61.8 49.5 74.3



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 0.23 ppbv

RT: 5.14 min Scan# 686

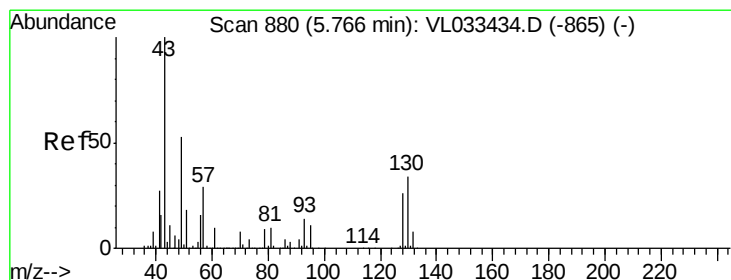
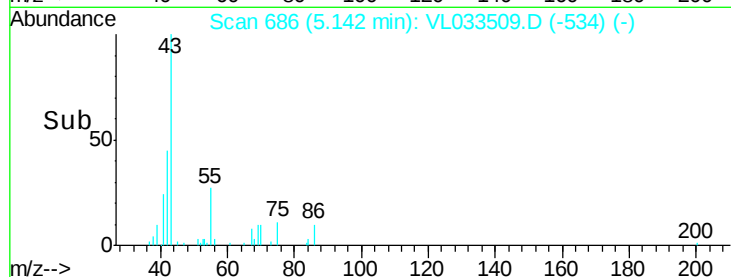
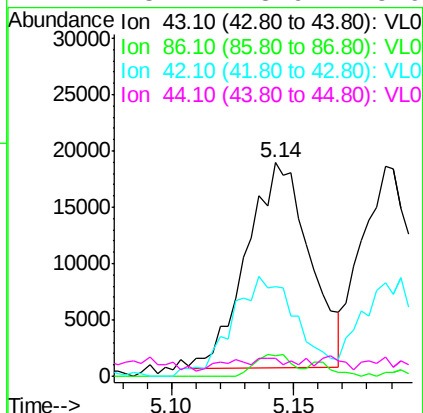
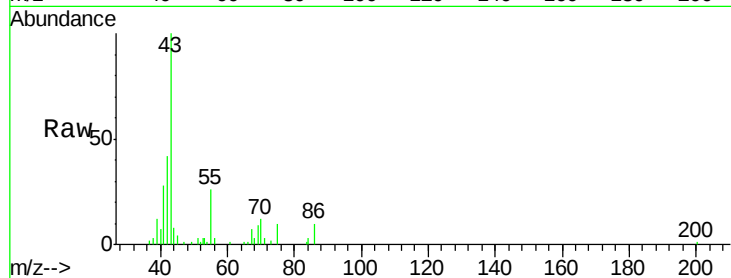
Delta R.T. -0.01 min

Lab File: VL033509.D

Acq: 29 Mar 2019 19:34

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:	43	Resp:	32711
Ion	Ratio	Lower	Upper
43	100		
86	10.1	5.6	8.4#
42	39.7	8.0	12.0#
44	3.7	3.9	5.9#



#25

Ethyl Acetate

Concen: 0.82 ppbv

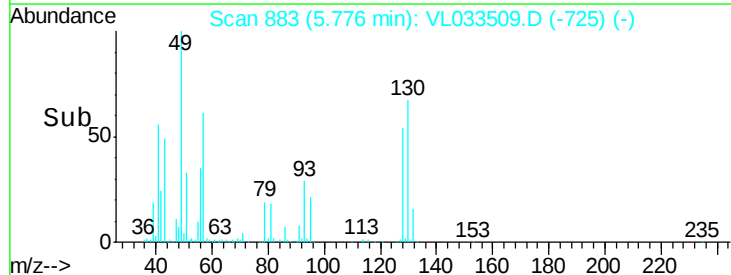
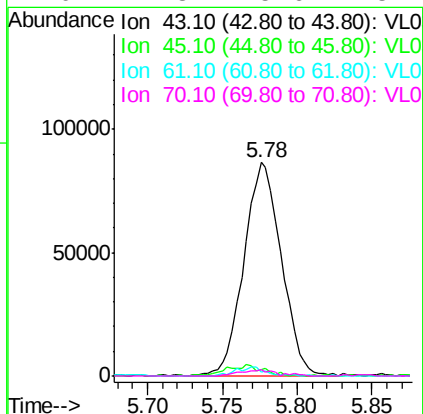
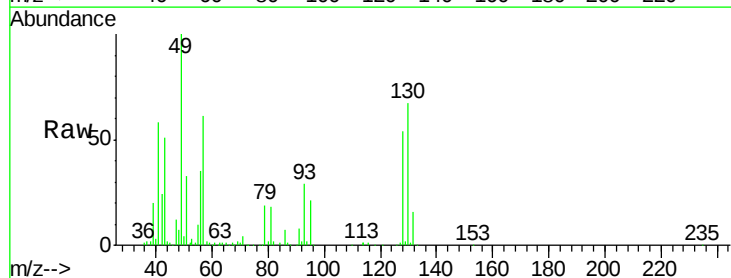
RT: 5.78 min Scan# 883

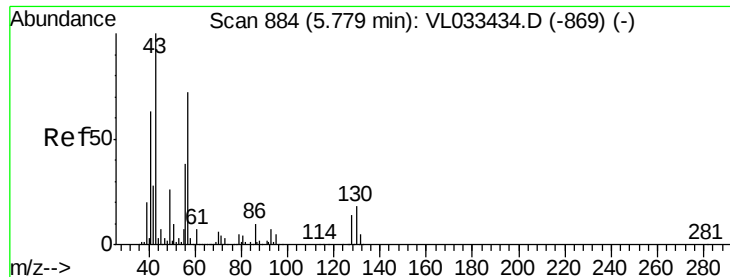
Delta R.T. 0.01 min

Lab File: VL033509.D

Acq: 29 Mar 2019 19:34

Tgt Ion:	43	Resp:	150939
Ion	Ratio	Lower	Upper
43	100		
45	5.6	7.8	11.6#
61	3.3	7.3	10.9#
70	2.8	5.6	8.4#

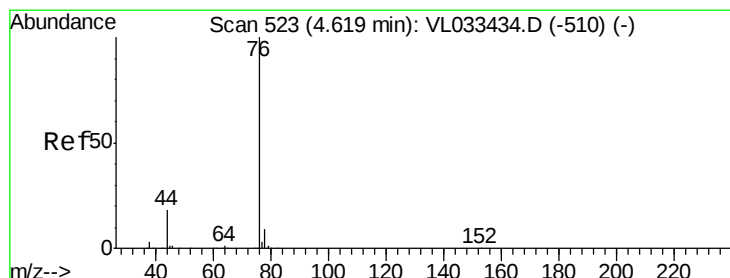
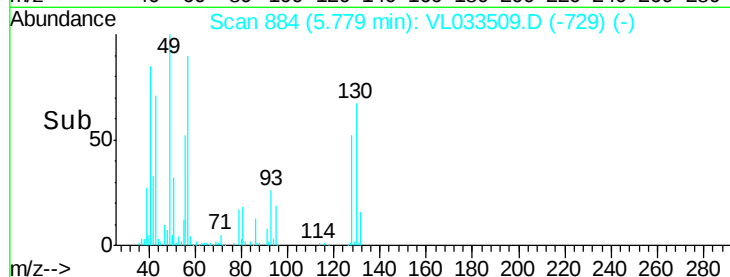
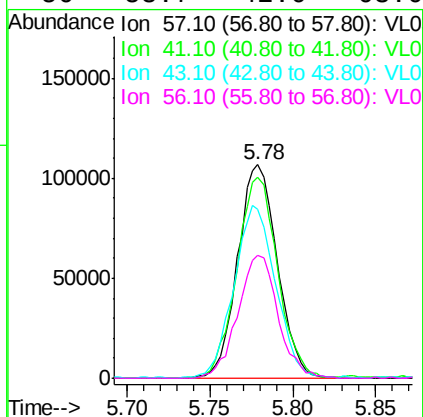
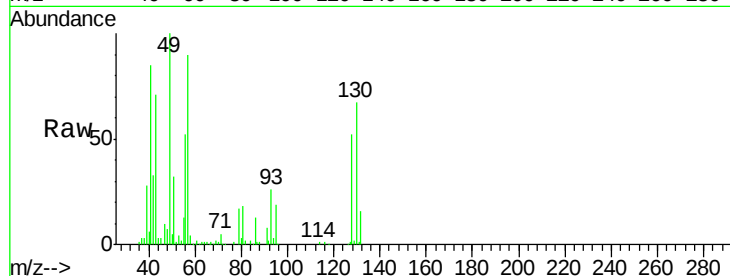




#26
Hexane
Concen: 2.17 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

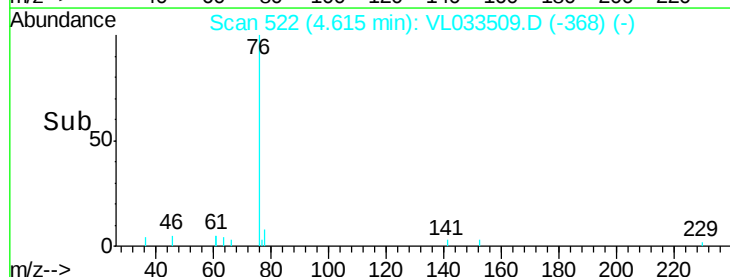
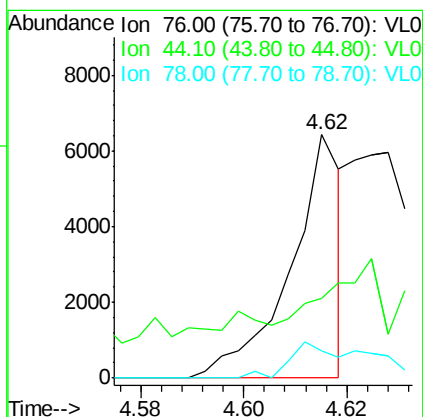
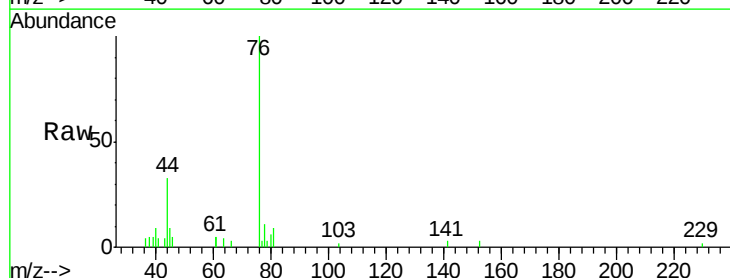
Instrument :
MSVOA_L
ClientSampleId :

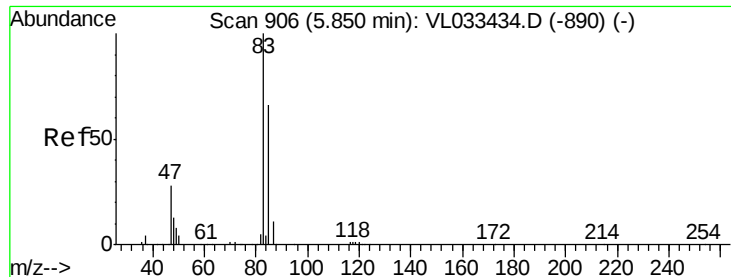
Tot Ion: 57 Resp: 177359
Ion Ratio Lower Upper
57 100
41 97.3 70.7 106.1
43 85.9 182.6 274.0#
56 58.7 42.0 63.0



#27
Carbon Disulfide
Concen: 0.05 ppbv
RT: 4.62 min Scan# 522
Delta R.T. -0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Tgt Ion: 76 Resp: 4382
Ion Ratio Lower Upper
76 100
44 0.0 14.8 22.2#
78 25.4 7.6 11.4#

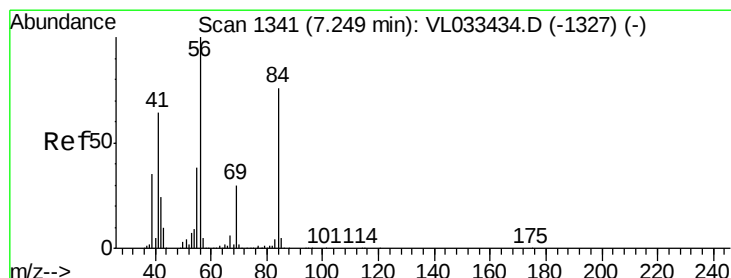
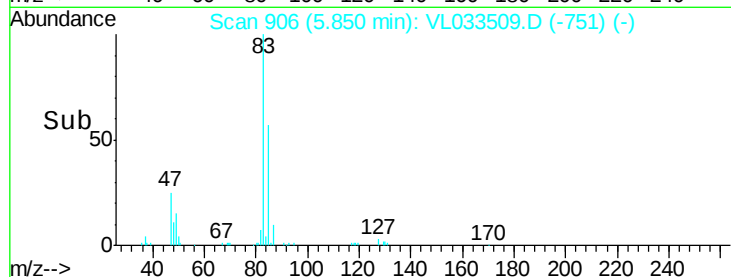
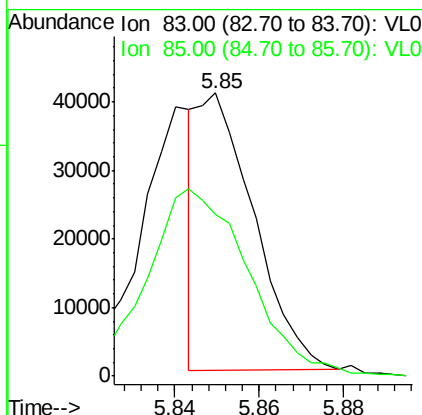
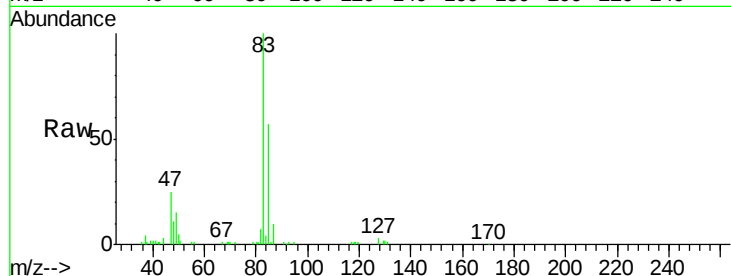




#29
Chloroform
Concen: 0.27 ppbv
RT: 5.85 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

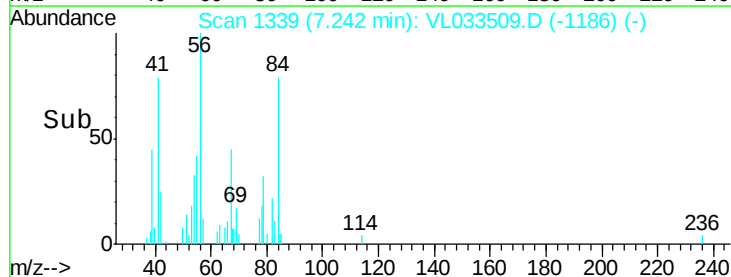
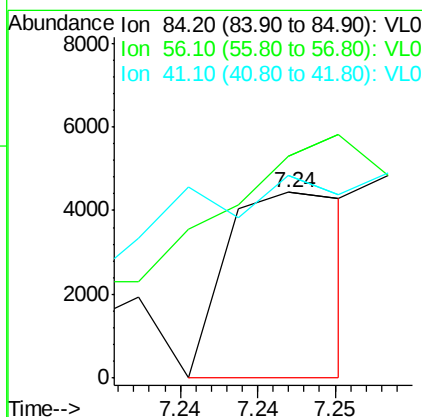
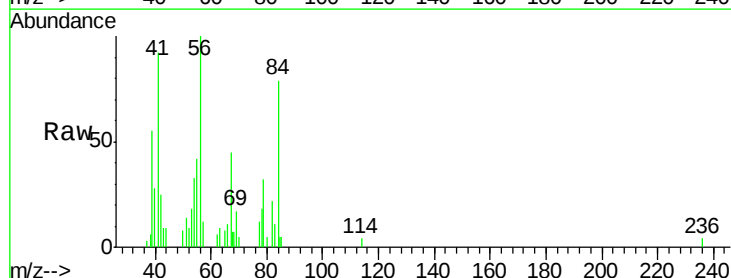
Instrument :
MSVOA_L
ClientSampled :

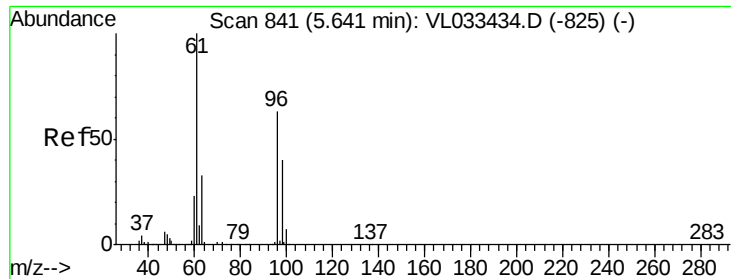
Tot Ion: 83 Resp: 37160
Ion Ratio Lower Upper
83 100
85 55.5 52.6 79.0



#30
Cyclohexane
Concen: 0.04 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Tgt Ion: 84 Resp: 2458
Ion Ratio Lower Upper
84 100
56 0.0 109.7 164.5#
41 0.0 68.2 102.2#





#31

cis-1,2-Dichloroethene

Concen: 0.63 ppbv

RT: 5.64 min Scan# 840

Delta R.T. -0.00 min

Lab File: VL033509.D

Acq: 29 Mar 2019 19:34

Instrument :

MSVOA_L

ClientSampleId :

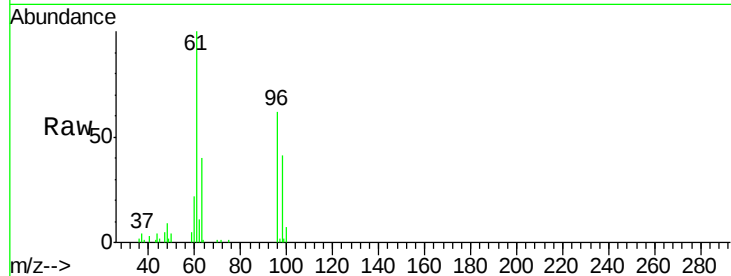
Tot Ion: 61 Resp: 50932

Ion Ratio Lower Upper

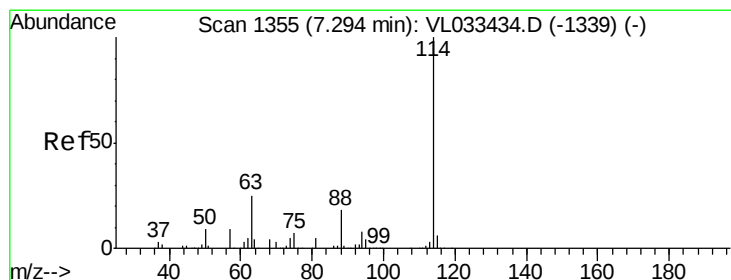
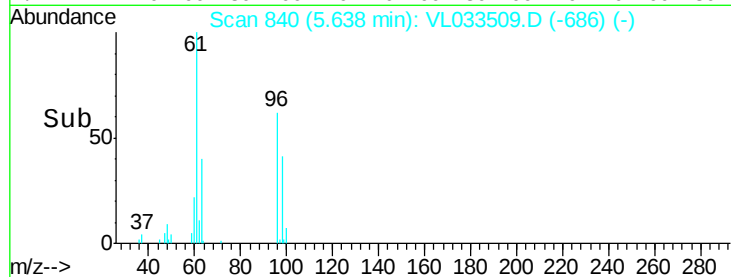
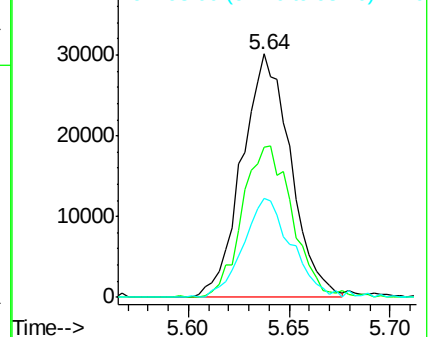
61 100

96 61.9 50.6 76.0

98 40.7 32.2 48.2



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.29 min Scan# 1354

Delta R.T. -0.00 min

Lab File: VL033509.D

Acq: 29 Mar 2019 19:34

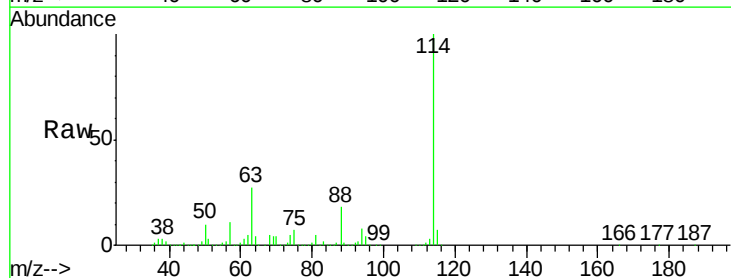
Tgt Ion: 114 Resp: 1876693

Ion Ratio Lower Upper

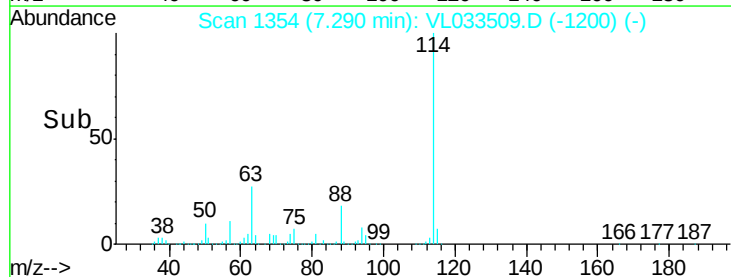
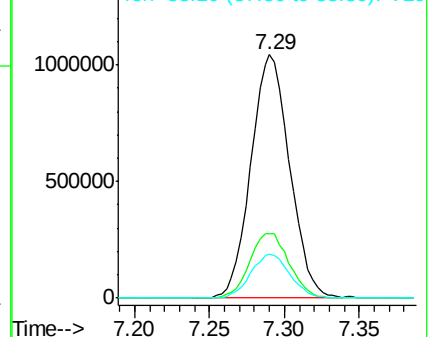
114 100

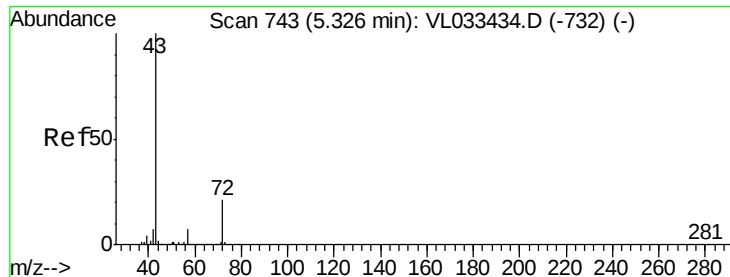
63 27.2 21.5 32.3

88 18.3 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

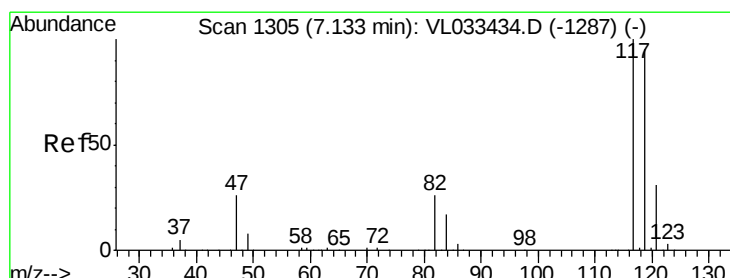
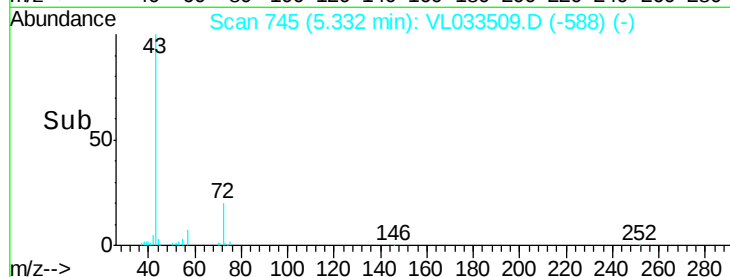
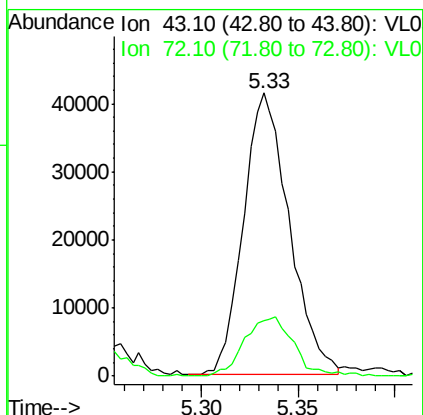
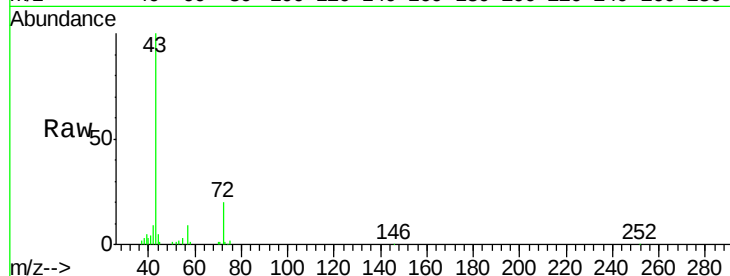




#34
2-Butanone
Concen: 0.61 ppbv
RT: 5.33 min Scan# 745
Delta R.T. 0.01 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

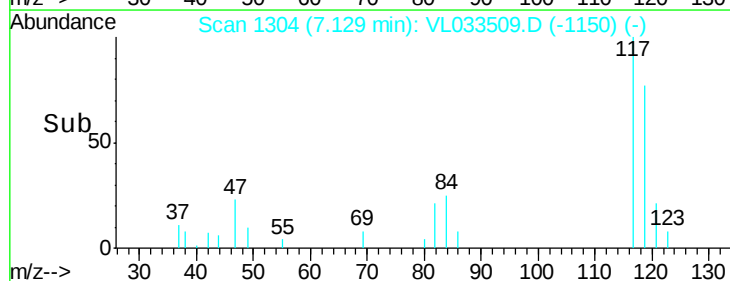
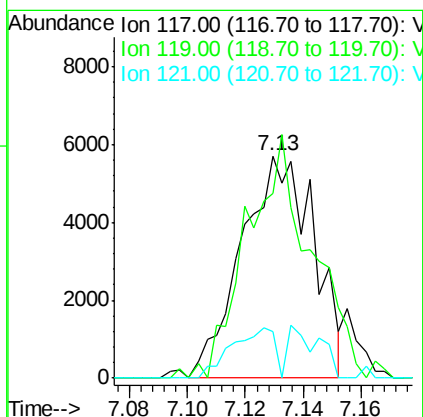
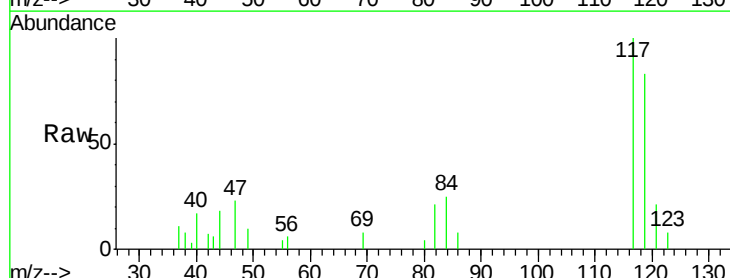
Instrument :
MSVOA_L
ClientSampleId :

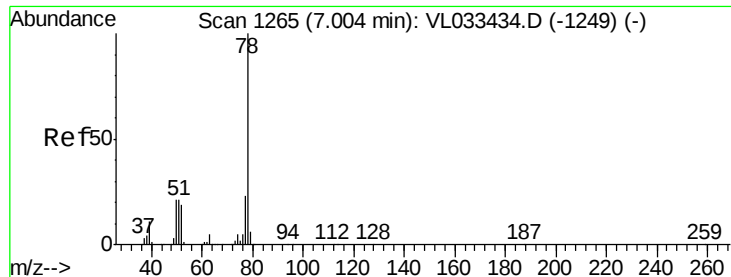
Tot Ion: 43 Resp: 68249
Ion Ratio Lower Upper
43 100
72 22.6 17.4 26.2



#35
Carbon Tetrachloride
Concen: 0.07 ppbv
RT: 7.13 min Scan# 1304
Delta R.T. -0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Tgt Ion: 117 Resp: 9867
Ion Ratio Lower Upper
117 100
119 83.1 75.8 113.8
121 20.8 24.7 37.1#





#36

Benzene

Concen: 0.33 ppbv

RT: 7.00 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VL033509.D

Acq: 29 Mar 2019 19:34

Instrument :

MSVOA_L

ClientSampleId :

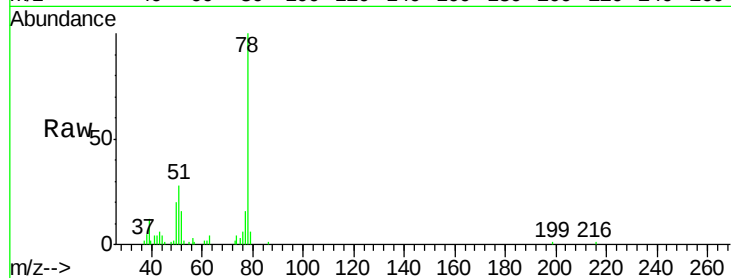
Tot Ion: 78 Resp: 52177

Ion Ratio Lower Upper

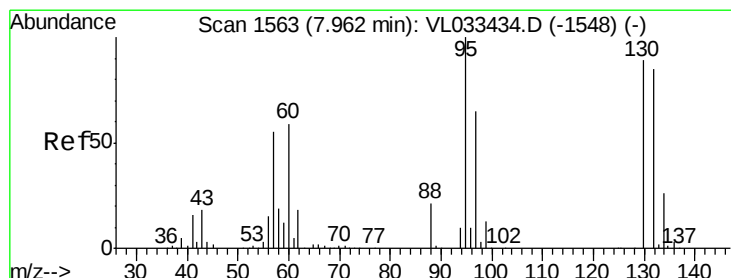
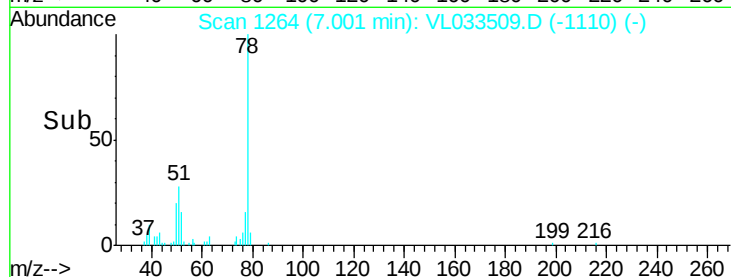
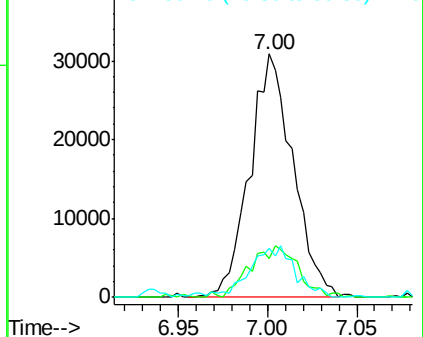
78 100

77 15.2 18.1 27.1#

50 19.5 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: 5.67 ppbv

RT: 7.96 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VL033509.D

Acq: 29 Mar 2019 19:34

Tgt Ion:130 Resp: 336174

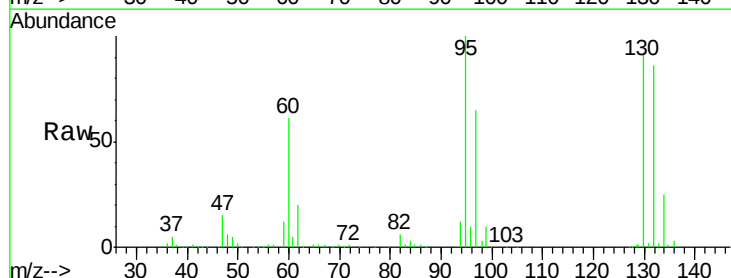
Ion Ratio Lower Upper

130 100

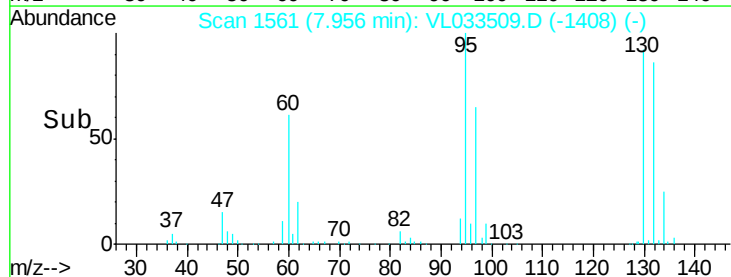
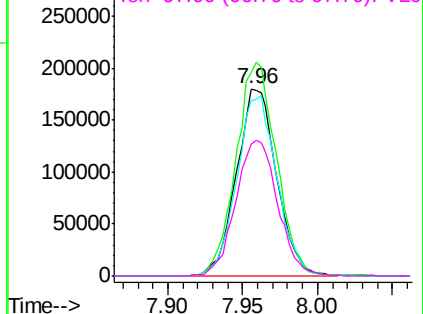
95 108.8 89.8 134.8

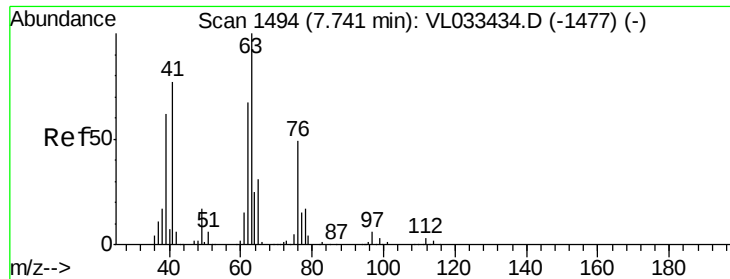
132 93.3 76.6 115.0

97 70.5 58.6 88.0



Abundance Ion 130.00 (129.70 to 130.70): V
Ion 95.00 (94.70 to 95.70): VL0
Ion 132.00 (131.70 to 132.70): V
Ion 97.00 (96.70 to 97.70): VL0





#39

1,2-Dichloropropane

Concen: 8.24 ppbv

RT: 7.29 min Scan# 1354

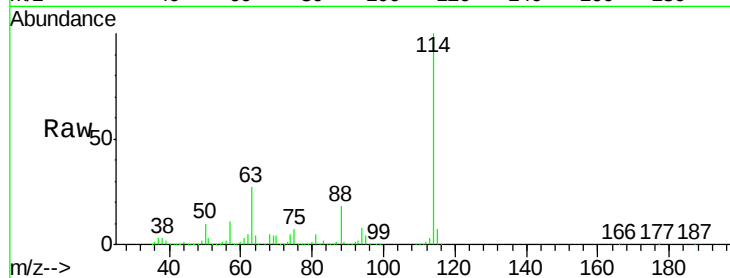
Delta R.T. -0.45 min

Lab File: VL033509.D

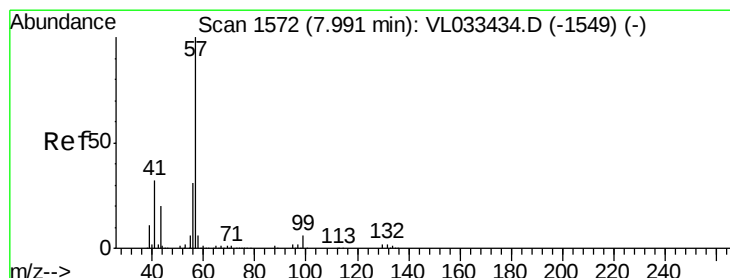
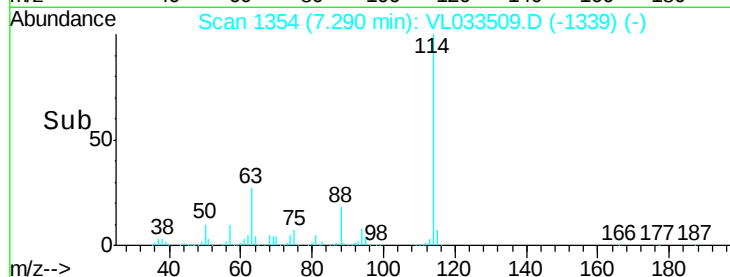
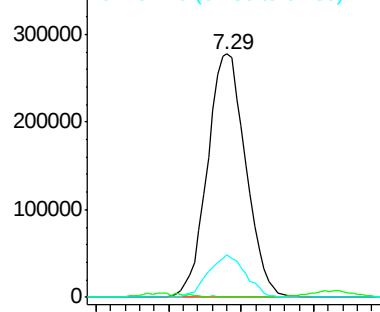
Acq: 29 Mar 2019 19:34

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	63	Resp:	508153
Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.2	91.8#
62	17.6	54.0	81.0#



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



#44

2,2,4-Trimethylpentane

Concen: 0.21 ppbv

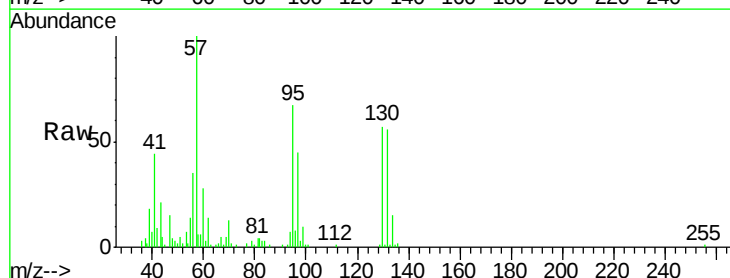
RT: 7.99 min Scan# 1571

Delta R.T. -0.00 min

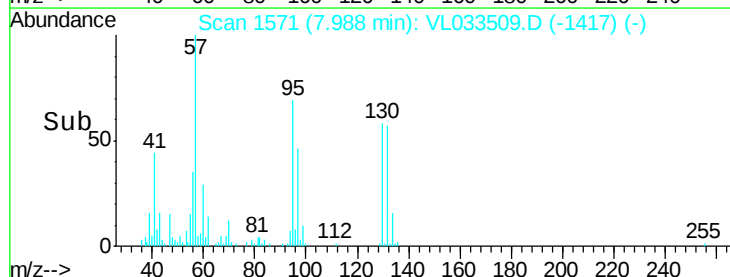
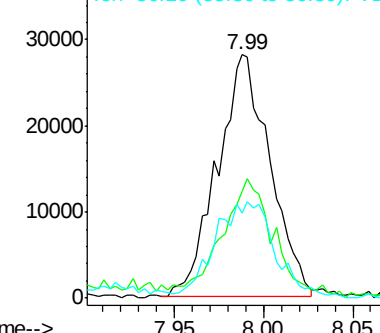
Lab File: VL033509.D

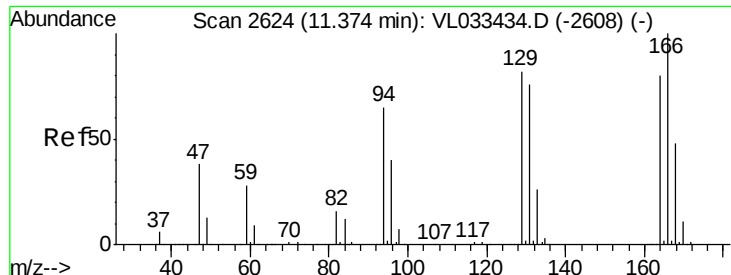
Acq: 29 Mar 2019 19:34

Tgt Ion:	57	Resp:	57961
Ion	Ratio	Lower	Upper
57	100		
41	51.1	26.0	39.0#
56	47.2	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

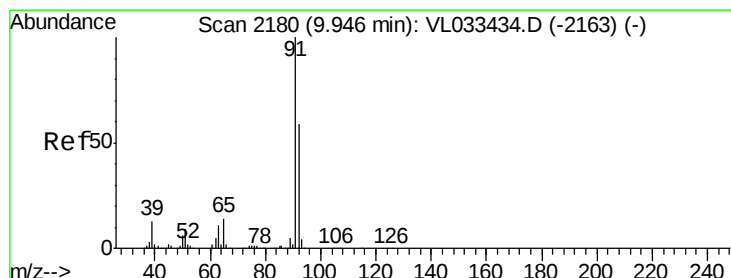
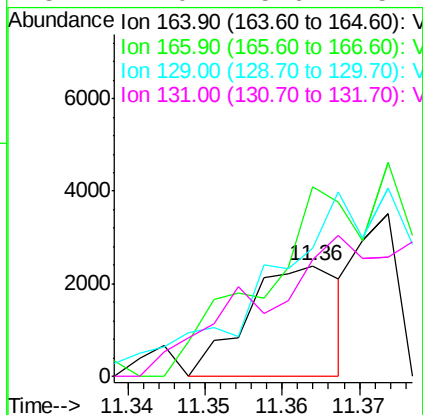
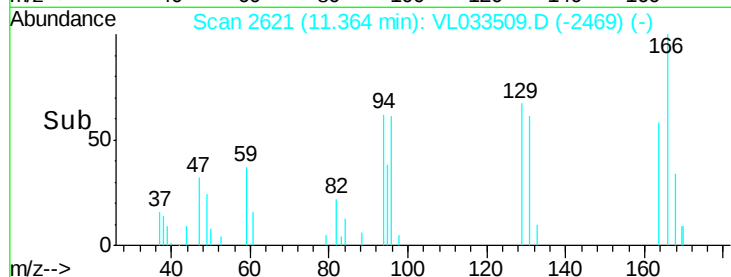
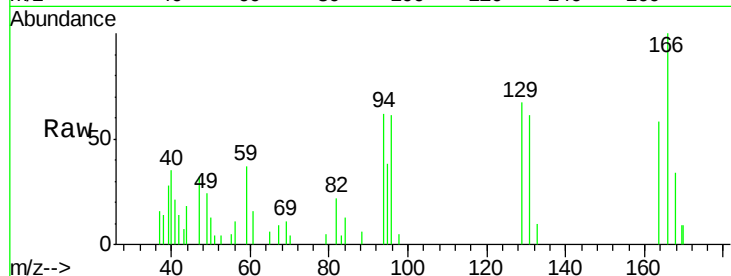




#52
Tetrachloroethene
Concen: 0.03 ppbv
RT: 11.36 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

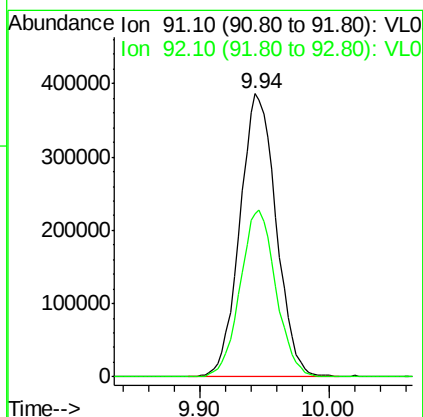
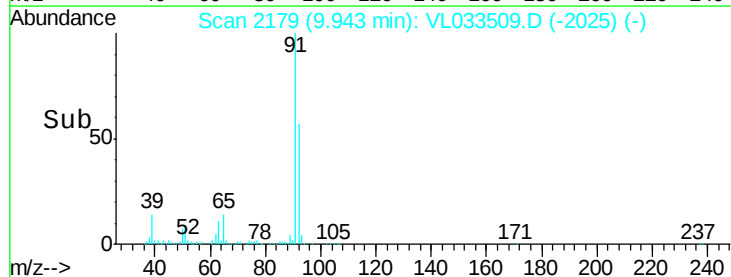
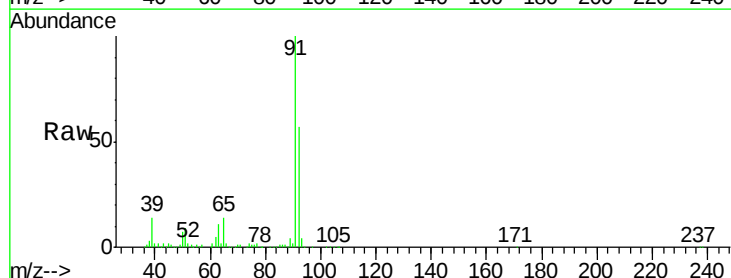
Instrument :
MSVOA_L
ClientSampleId :

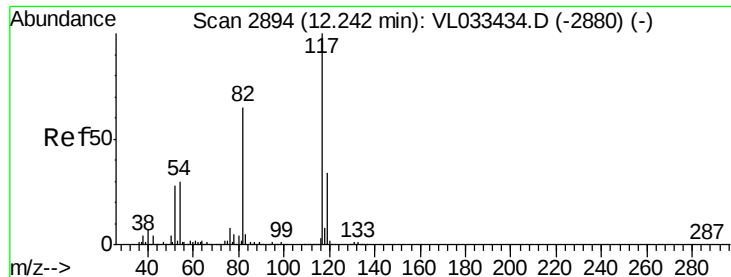
Tot Ion:164 Resp: 2014
Ion Ratio Lower Upper
164 100
166 141.4 99.5 149.3
129 76.4 81.4 122.2#
131 71.0 75.6 113.4#



#53
Toluene
Concen: 4.13 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Tgt Ion: 91 Resp: 756478
Ion Ratio Lower Upper
91 100
92 58.2 47.4 71.0

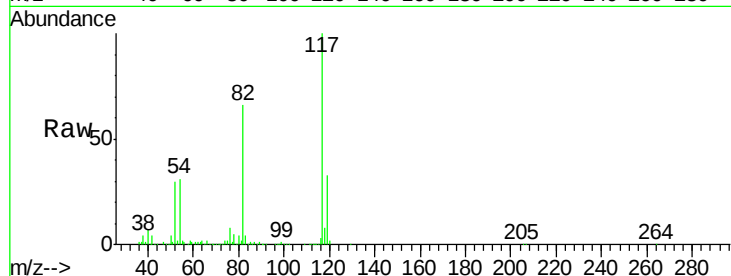




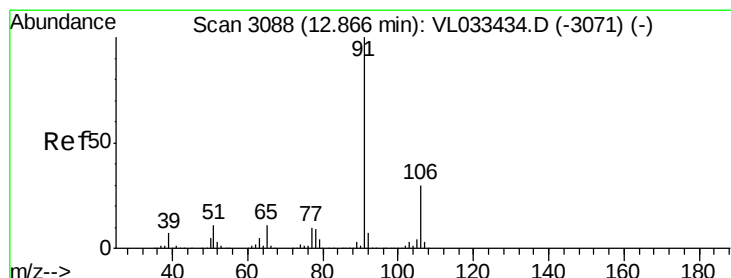
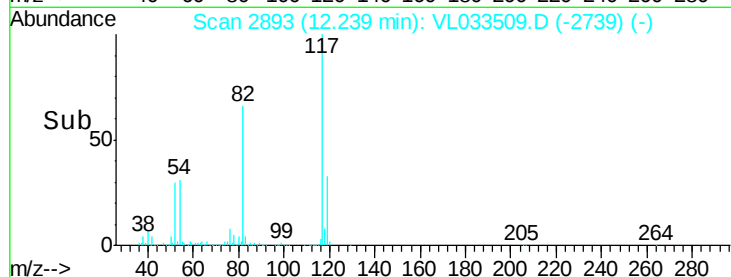
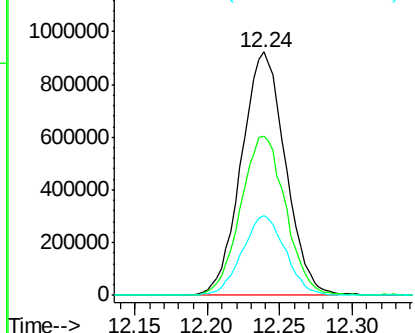
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 1946503
Ion Ratio Lower Upper
117 100
82 67.1 51.5 77.3
119 32.6 25.5 38.3

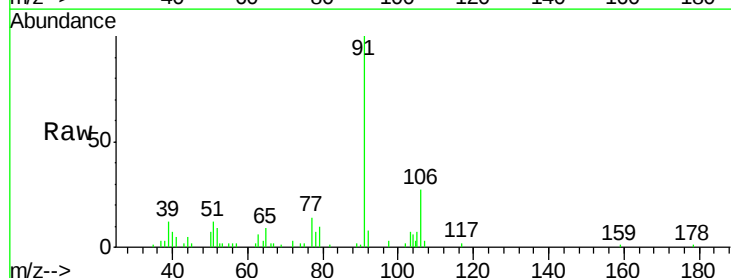


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

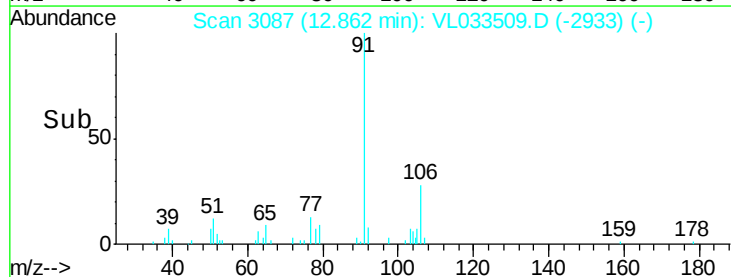
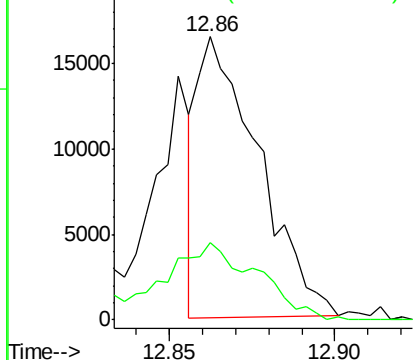


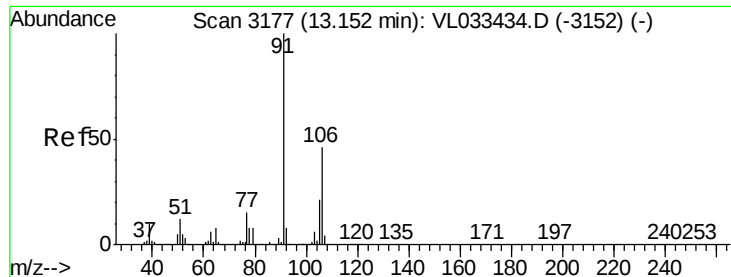
#58
Ethyl Benzene
Concen: 0.08 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Tgt Ion: 91 Resp: 20945
Ion Ratio Lower Upper
91 100
106 26.5 23.8 35.6



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

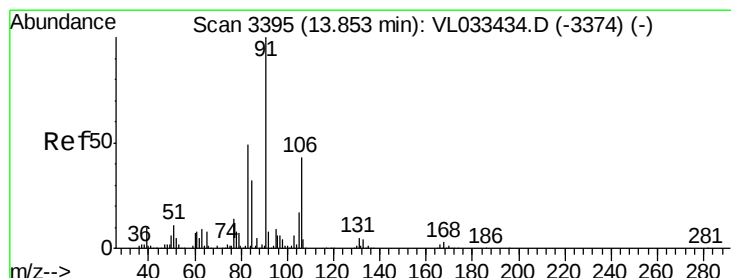
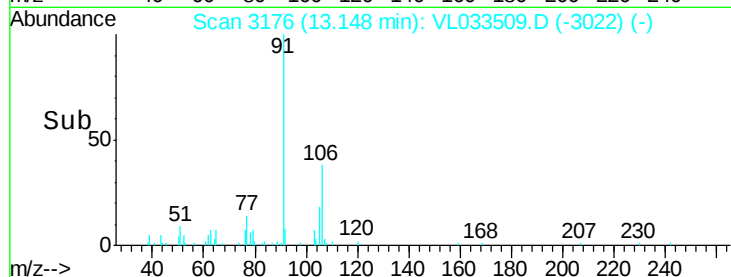
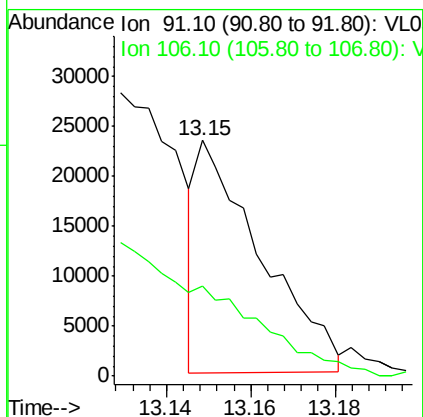
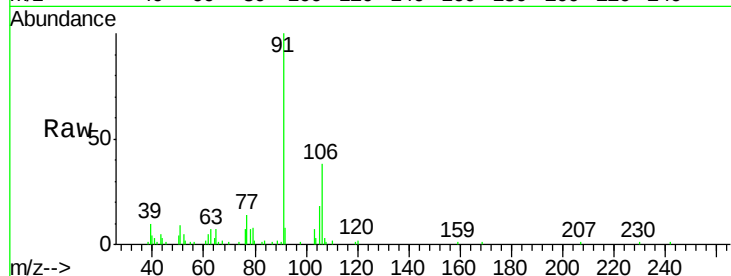




#59
m/p-Xylene
Concen: 0.11 ppbv
RT: 13.15 min Scan# 3176
Delta R.T. -0.00 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

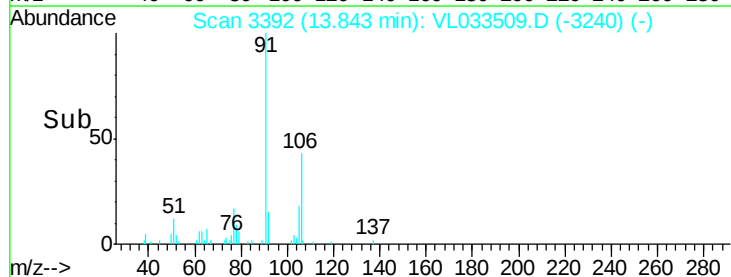
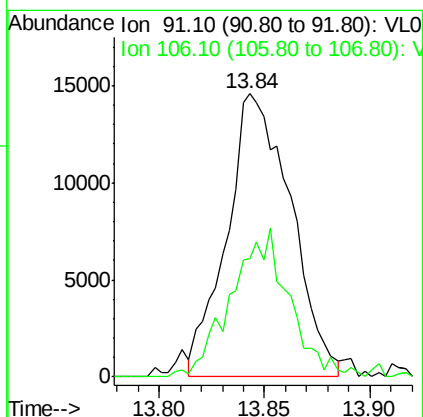
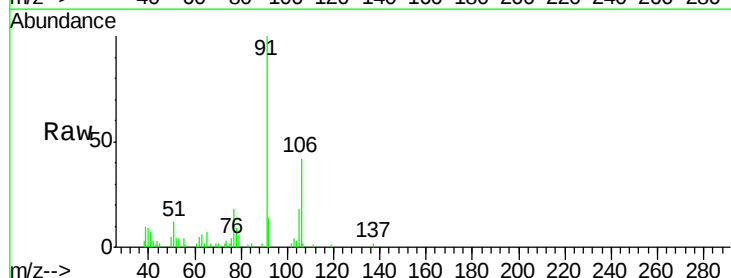
Instrument :
MSVOA_L
ClientSampleId :

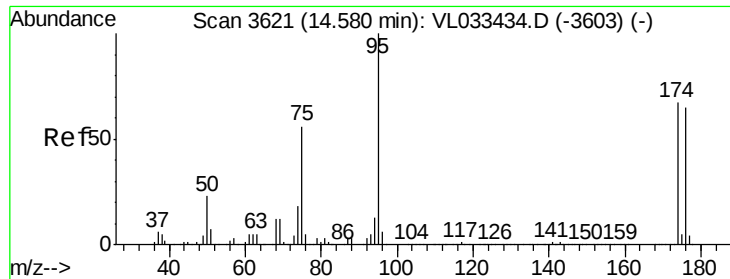
Tot Ion: 91 Resp: 24520
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 0.14 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033509.D
Acq: 29 Mar 2019 19:34

Tgt Ion: 91 Resp: 30801
Ion Ratio Lower Upper
91 100
106 47.8 21.4 64.3

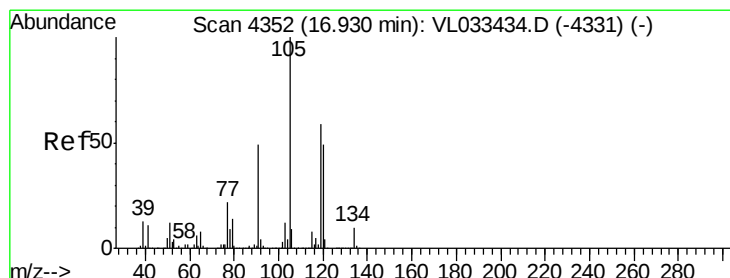
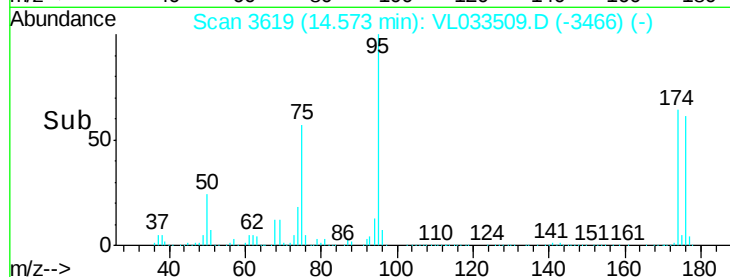
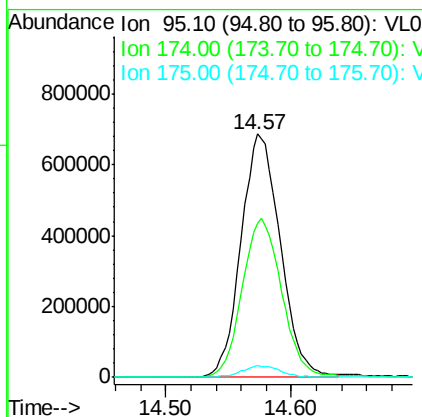
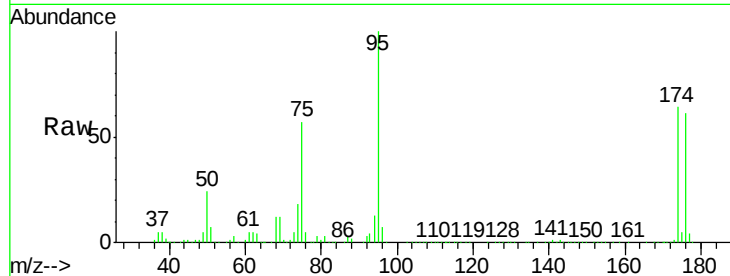




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.80 ppbv
 RT: 14.57 min Scan# 3619
 Delta R.T. -0.01 min
 Lab File: VL033509.D
 Acq: 29 Mar 2019 19:34

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 95 Resp: 1495408
 Ion Ratio Lower Upper
 95 100
 174 66.4 52.9 79.3
 175 4.8 3.8 5.6



#74
 1,2,4-Trimethylbenzene
 Concen: 0.05 ppbv
 RT: 16.93 min Scan# 4352
 Delta R.T. -0.00 min
 Lab File: VL033509.D
 Acq: 29 Mar 2019 19:34

Tgt Ion: 105 Resp: 12989
 Ion Ratio Lower Upper
 105 100
 120 42.4 39.0 58.6
 91 14.1 40.0 60.0#
 77 15.6 17.5 26.3#

