

Data File : VL034867.D
Acq On : 10 Mar 2020 15:39
Operator : SY/AP
Sample : L1861-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
O-1DL

Quant Time: Mar 11 05:51:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	961899	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2261926	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2191071	10.00	ppbv	0.00

System Monitoring Compounds
68) 1-Bromo-4-Fluorobenzene 14.45 95 1747663 10.23 ppbv 0.00
Spiked Amount 10.000 Range 65 - 135 Recovery = 102.30%

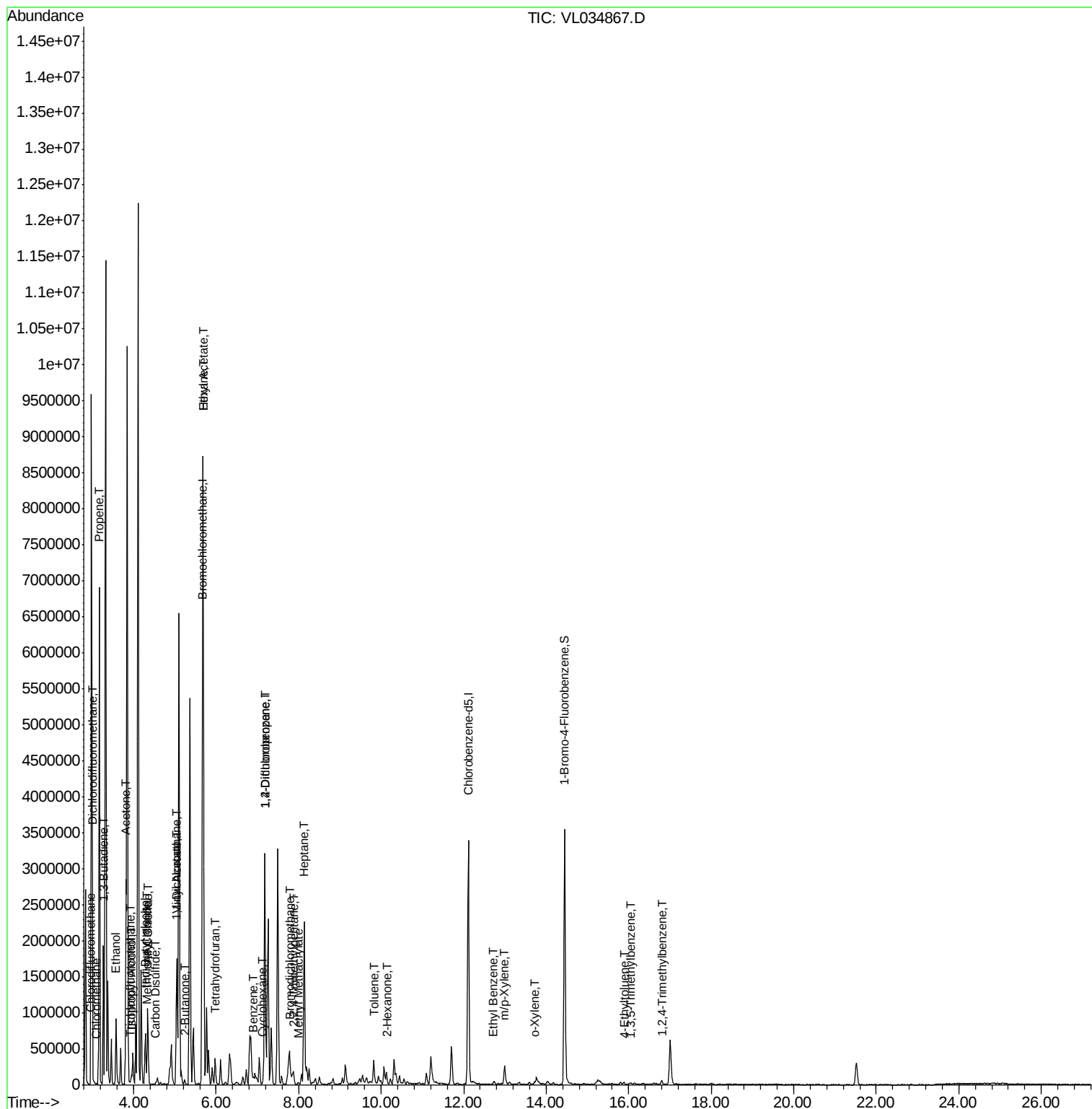
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.01	85	6232	0.047	ppbv #	78
3) Chlorodifluoromethane	2.94	51	5896	0.055	ppbv	94
4) Chloromethane	3.10	50	5115	0.084	ppbv #	82
9) Propene	3.17	41	2020662	39.388	ppbv	97
10) Heptane	8.13	43	1072026	8.491	ppbv	99
11) Trichlorofluoromethane	3.92	101	1757	0.013	ppbv #	65
13) Ethanol	3.57	45	916288	58.748	ppbv	93
15) Acetone	3.81	43	2471001	19.820	ppbv #	84
16) 1,3-Butadiene	3.27	39	502533	8.914	ppbv #	14
17) tert-Butyl alcohol	4.28	59	272973	2.273	ppbv #	1
19) Isopropyl Alcohol	3.94	45	132499	1.683	ppbv #	1
20) Methylene Chloride	4.32	84	79712	2.022	ppbv #	91
21) Allyl Chloride	4.34	41	177165	2.213	ppbv #	62
23) Vinyl Acetate	5.04	43	619198	3.362	ppbv #	1
24) 1,1-Dichloroethane	5.03	63	1422	0.012	ppbv #	90
25) Ethyl Acetate	5.68	43	2616277	11.779	ppbv #	76
26) Hexane	5.68	57	3575100	37.379	ppbv #	41
27) Carbon Disulfide	4.53	76	3406	0.031	ppbv #	28
30) Cyclohexane	7.12	84	2089	0.026	ppbv #	1
34) 2-Butanone	5.23	43	71370	0.475	ppbv	95
36) Benzene	6.89	78	18605	0.092	ppbv #	82
39) 1,2-Dichloropropane	7.18	63	581484	7.279	ppbv #	28
41) Tetrahydrofuran	5.97	42	75642	0.930	ppbv #	37
42) Bromodichloromethane	7.80	83	14197	0.092	ppbv #	27
43) Methyl Methacrylate	8.00	69	4009	0.047	ppbv #	1
44) 2,2,4-Trimethylpentane	7.87	57	81665	0.240	ppbv #	1
51) 2-Hexanone	10.16	43	2237	0.013	ppbv #	81
53) Toluene	9.83	91	209873	0.901	ppbv	100
58) Ethyl Benzene	12.72	91	5023	0.017	ppbv	92
59) m/p-Xylene	12.99	91	214521	0.863	ppbv	98
60) o-Xylene	13.72	91	16392	0.068	ppbv #	44
72) 4-Ethyltoluene	15.88	105	4687	0.016	ppbv #	32
73) 1,3,5-Trimethylbenzene	16.04	105	3486	0.013	ppbv #	62
74) 1,2,4-Trimethylbenzene	16.81	105	15632	0.057	ppbv #	58

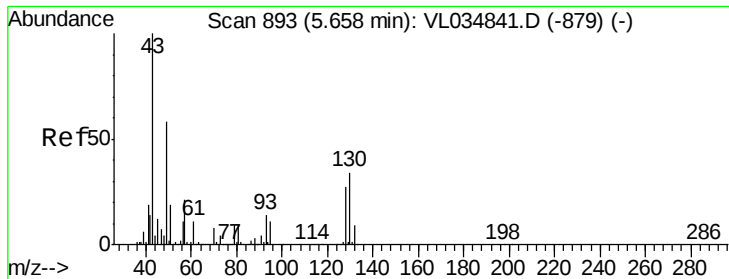
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.00 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

Instrument :

MSVOA_L

ClientSampleId :

O-1DL

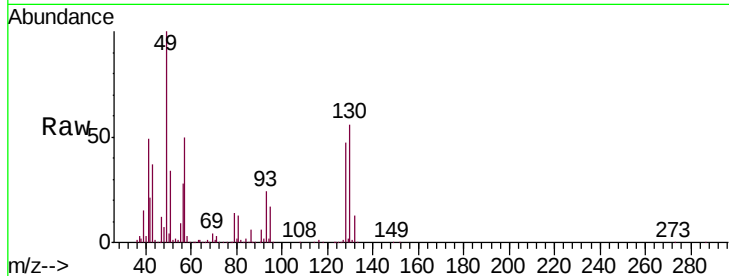
Tgt Ion: 49 Resp: 961899

Ion Ratio Lower Upper

49 100

128 45.7 23.4 70.3

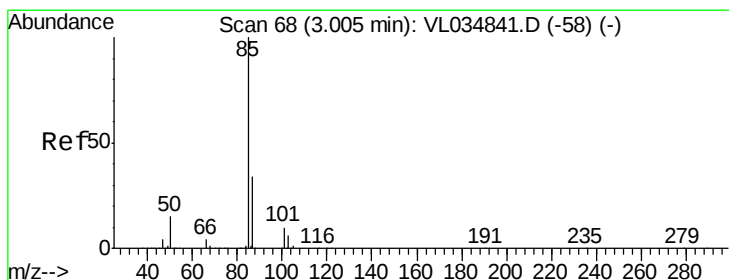
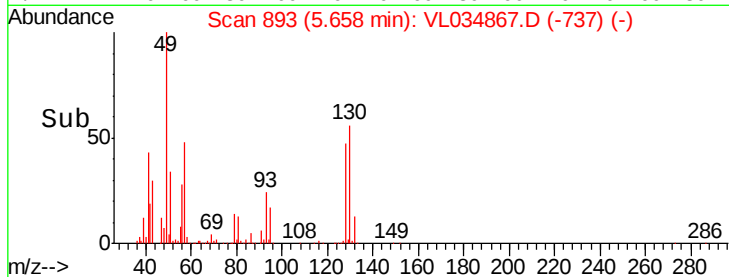
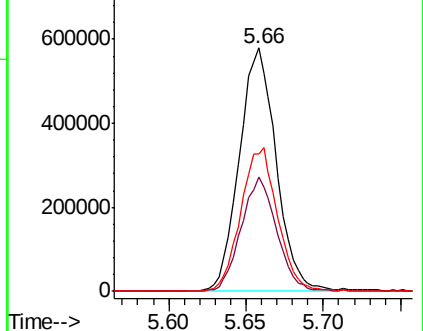
130 59.4 30.0 90.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.047 ppbv

RT: 3.01 min Scan# 68

Delta R.T. 0.00 min

Lab File: VL034867.D

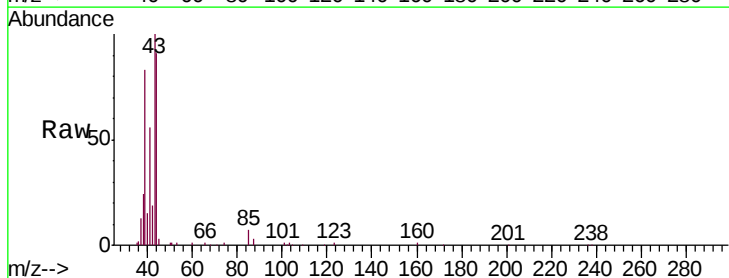
Acq: 10 Mar 2020 15:39

Tgt Ion: 85 Resp: 6232

Ion Ratio Lower Upper

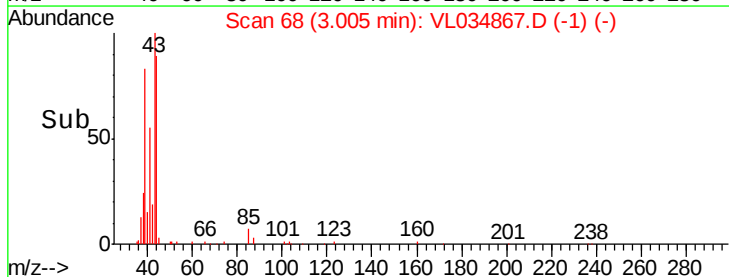
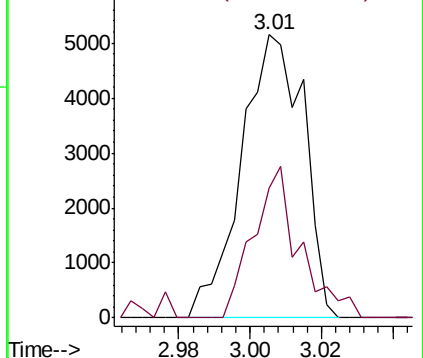
85 100

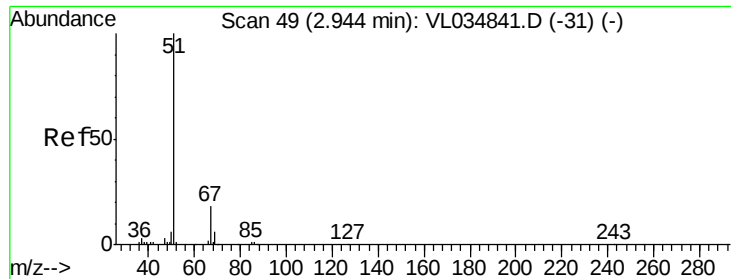
87 45.9 26.9 40.3#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.055 ppbv

RT: 2.94 min Scan# 49

Delta R.T. 0.00 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

Instrument :

MSVOA_L

ClientSampleId :

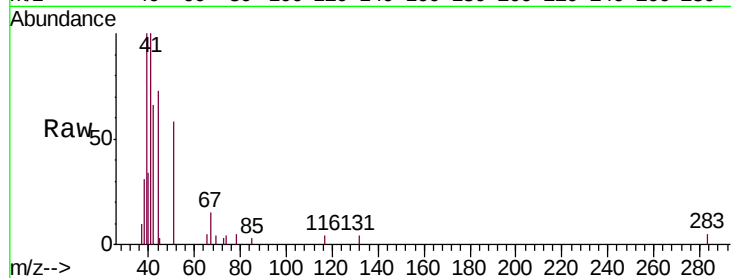
O-1DL

Tgt Ion: 51 Resp: 5896

Ion Ratio Lower Upper

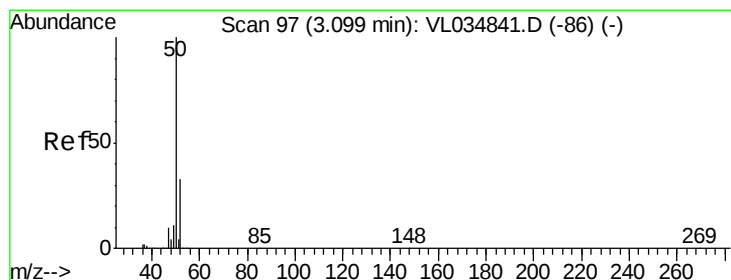
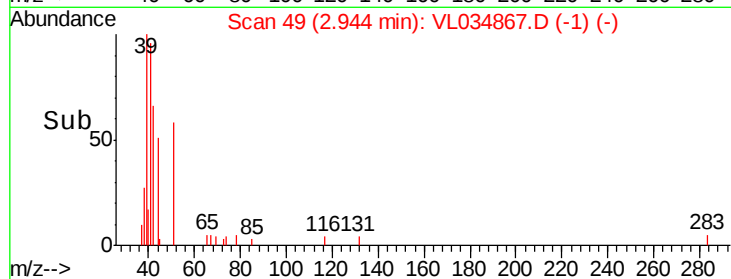
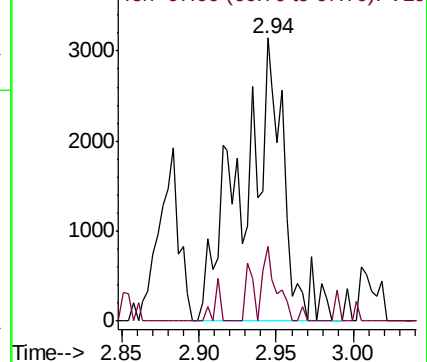
51 100

67 15.2 14.3 21.5



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.084 ppbv

RT: 3.10 min Scan# 98

Delta R.T. 0.00 min

Lab File: VL034867.D

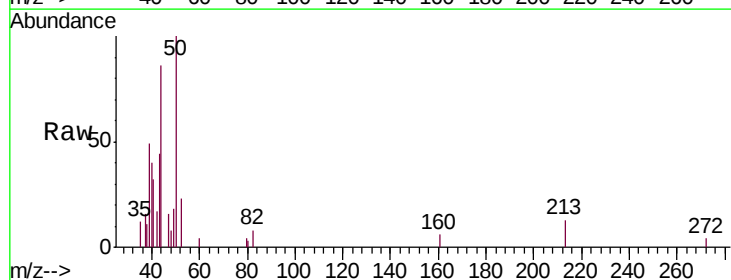
Acq: 10 Mar 2020 15:39

Tgt Ion: 50 Resp: 5115

Ion Ratio Lower Upper

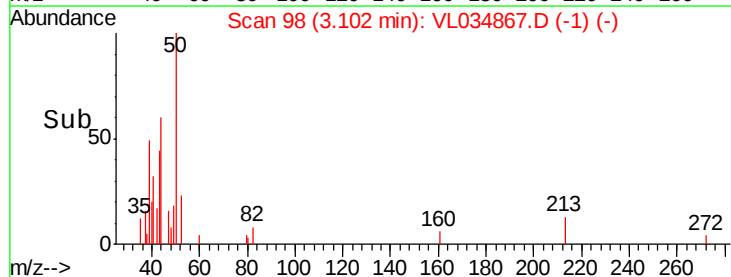
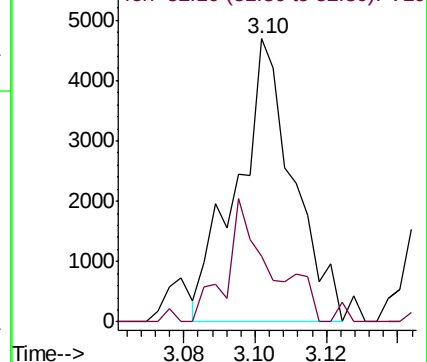
50 100

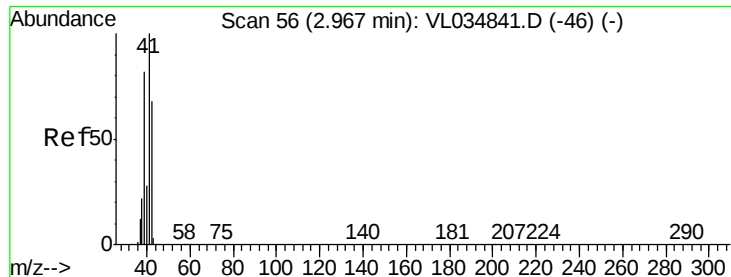
52 23.4 26.8 40.2#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 39.388 ppbv

RT: 3.17 min Scan# 118

Delta R.T. 0.20 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

Instrument :

MSVOA_L

ClientSampleId :

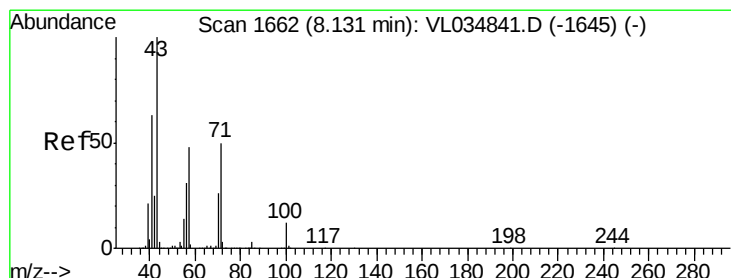
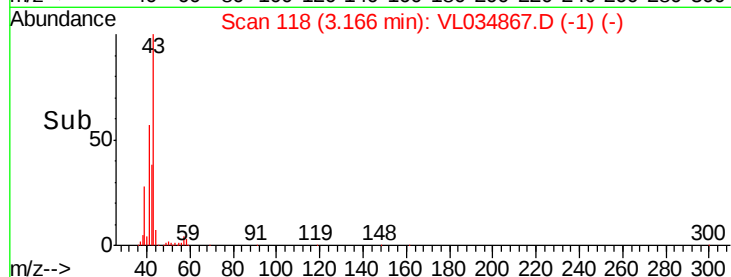
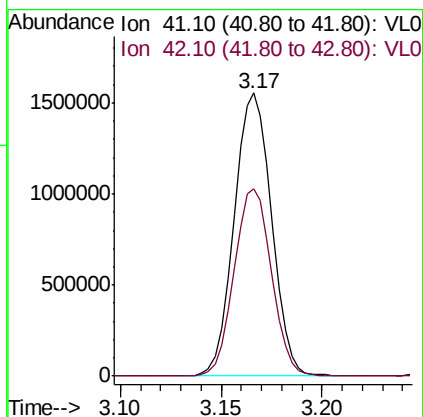
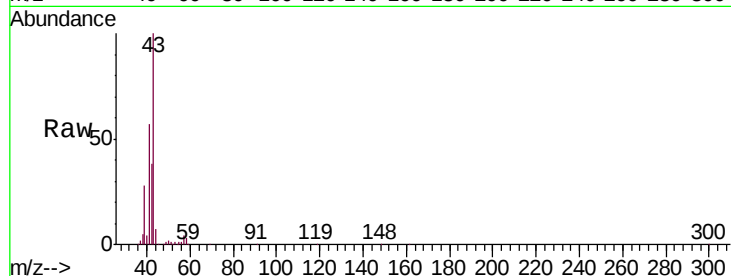
O-1DL

Tgt Ion: 41 Resp: 2020662

Ion Ratio Lower Upper

41 100

42 66.2 55.2 82.8



#10

Heptane

Concen: 8.491 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VL034867.D

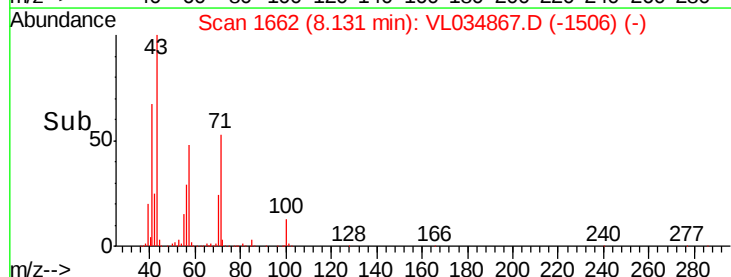
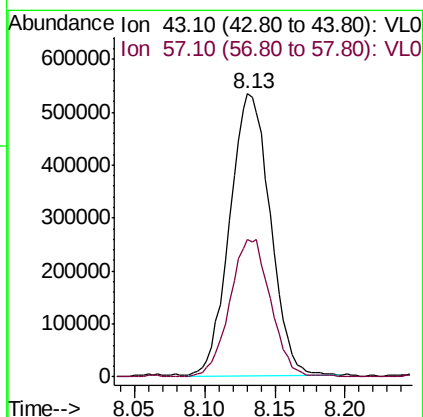
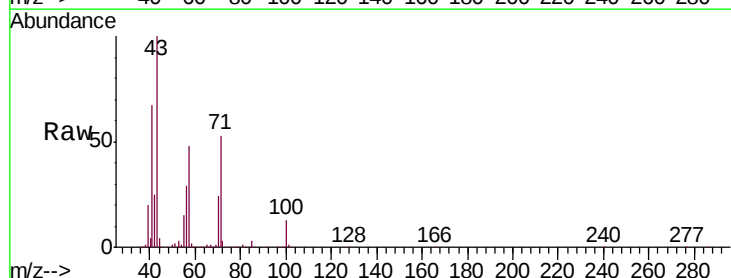
Acq: 10 Mar 2020 15:39

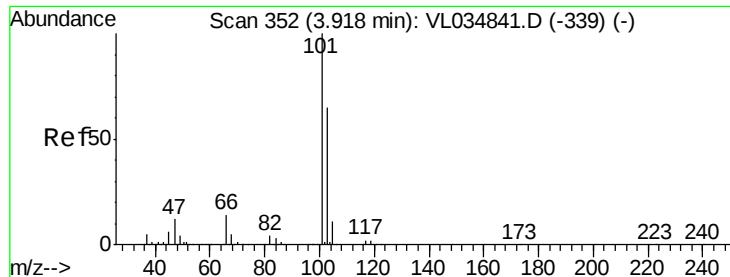
Tgt Ion: 43 Resp: 1072026

Ion Ratio Lower Upper

43 100

57 48.7 39.7 59.5

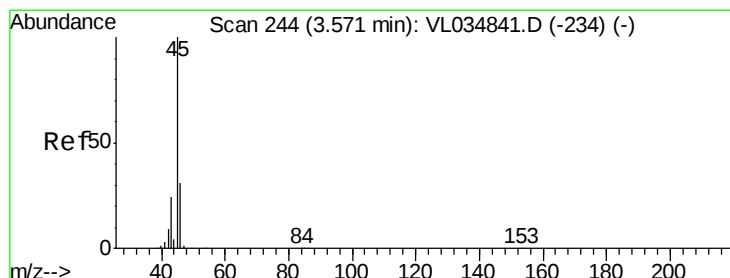
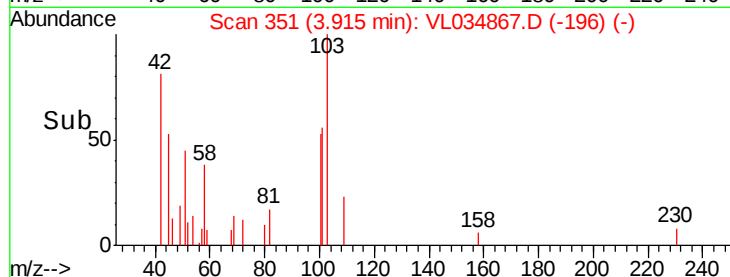
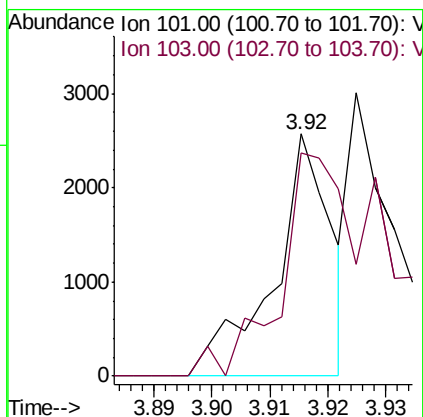
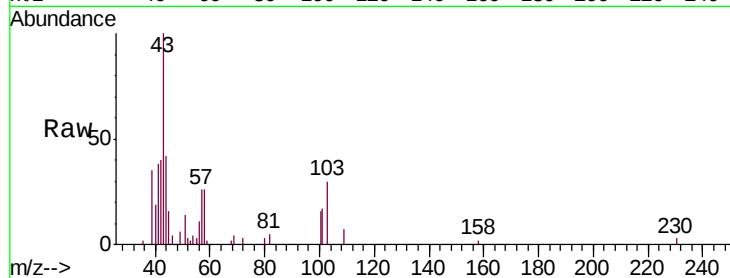




#11
Trichlorofluoromethane
Concen: 0.013 ppbv
RT: 3.92 min Scan# 351
Delta R.T. -0.00 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

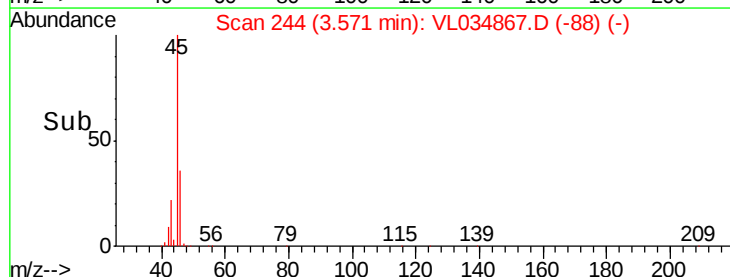
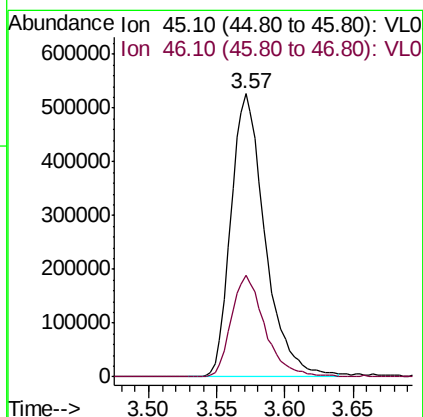
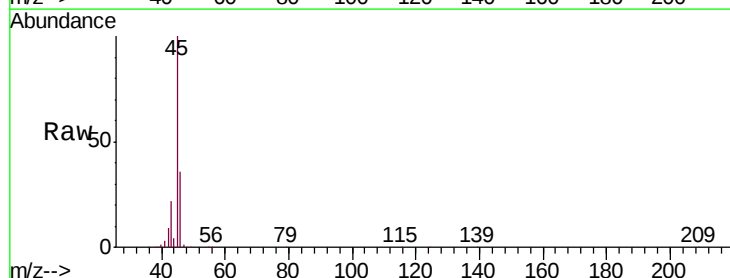
Instrument :
MSVOA_L
ClientSampleId :
O-1DL

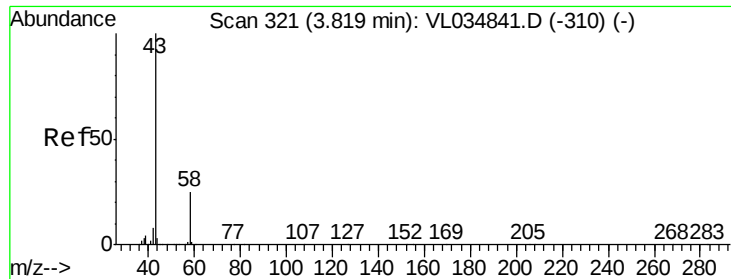
Tgt Ion: 101 Resp: 1757
Ion Ratio Lower Upper
101 100
103 92.2 51.8 77.8#



#13
Ethanol
Concen: 58.748 ppbv
RT: 3.57 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

Tgt Ion: 45 Resp: 916288
Ion Ratio Lower Upper
45 100
46 35.7 16.0 64.0





#15

Acetone

Concen: 19.820 ppbv

RT: 3.81 min Scan# 319

Delta R.T. -0.01 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

Instrument :

MSVOA_L

ClientSampleId :

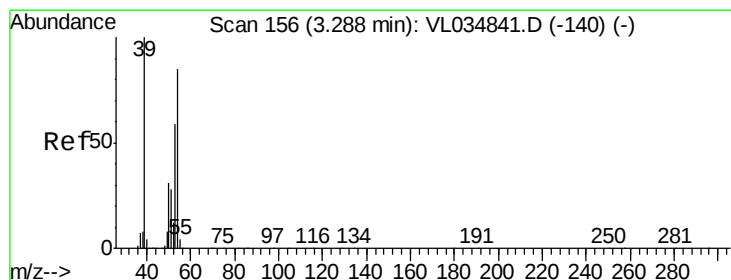
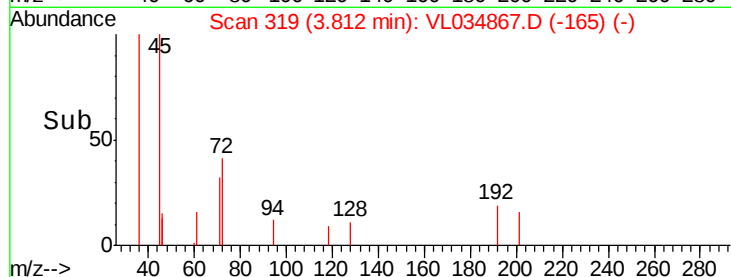
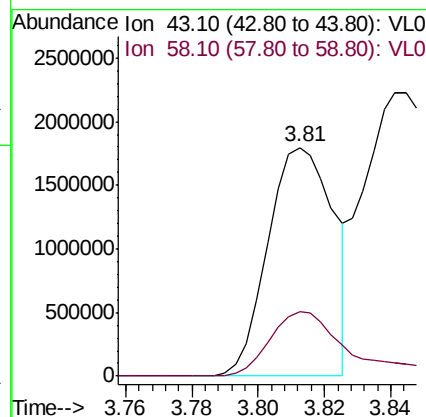
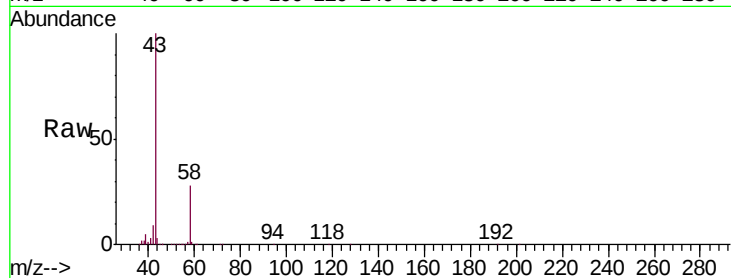
O-1DL

Tgt Ion: 43 Resp: 2471001

Ion Ratio Lower Upper

43 100

58 34.5 21.0 31.6#



#16

1,3-Butadiene

Concen: 8.914 ppbv

RT: 3.27 min Scan# 149

Delta R.T. -0.02 min

Lab File: VL034867.D

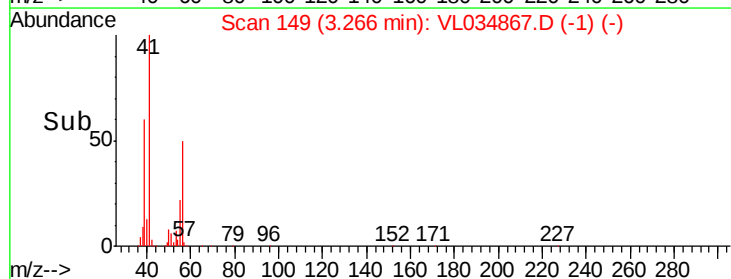
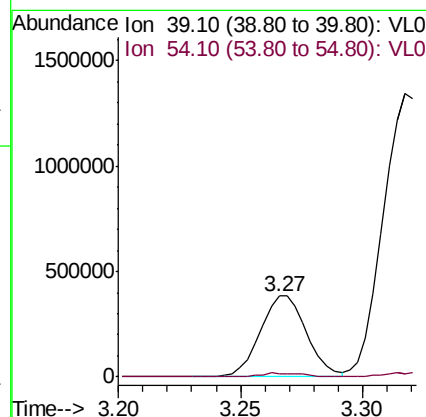
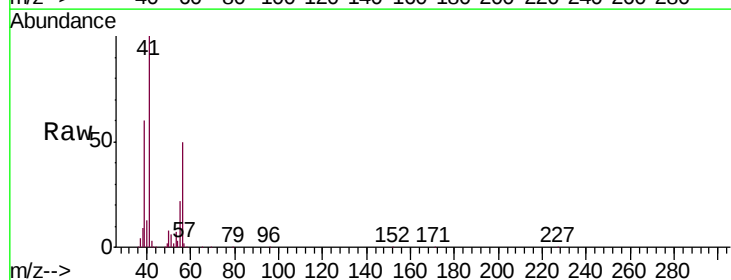
Acq: 10 Mar 2020 15:39

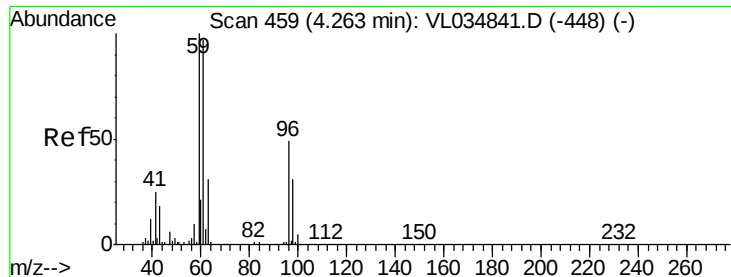
Tgt Ion: 39 Resp: 502533

Ion Ratio Lower Upper

39 100

54 4.5 65.0 97.6#



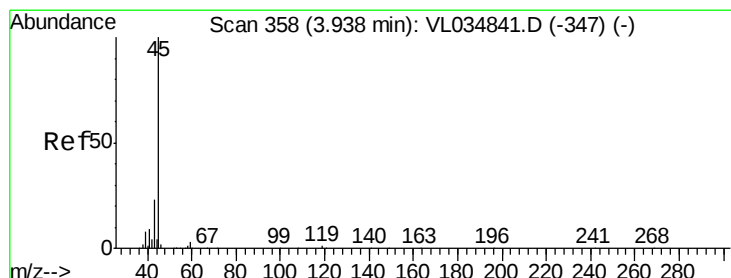
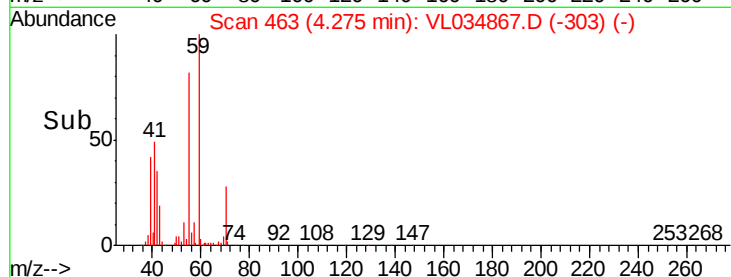
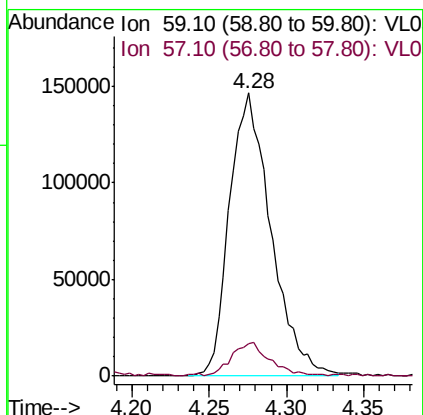
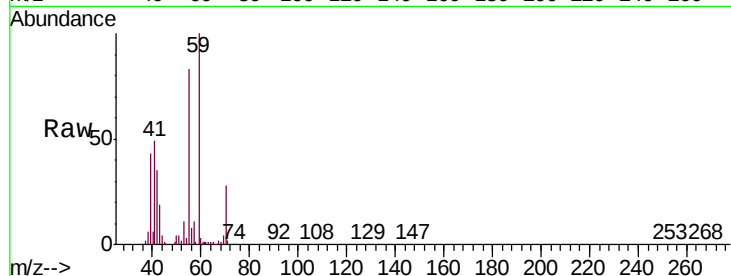


#17

tert-Butyl alcohol
Concen: 2.273 ppbv
RT: 4.28 min Scan# 463
Delta R.T. 0.01 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

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MSVOA_L
ClientSampleId :
O-1DL

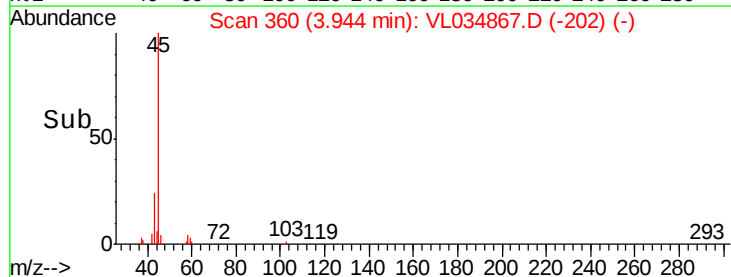
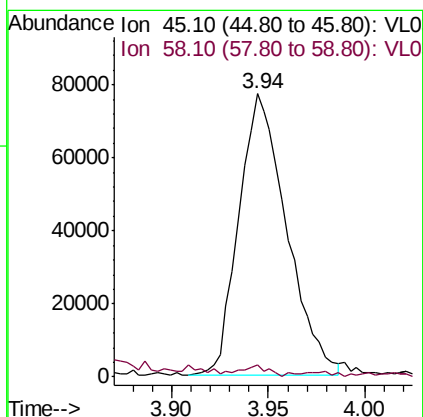
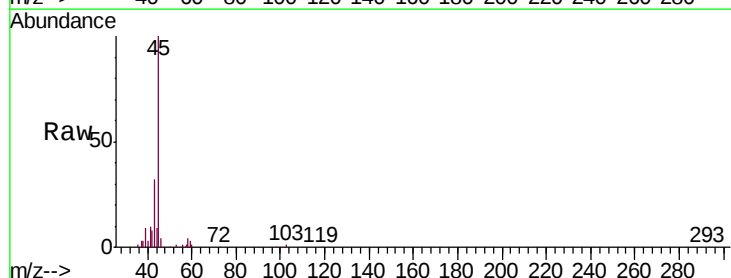
Tgt Ion: 59 Resp: 272973
Ion Ratio Lower Upper
59 100
57 427.9 8.3 12.5#

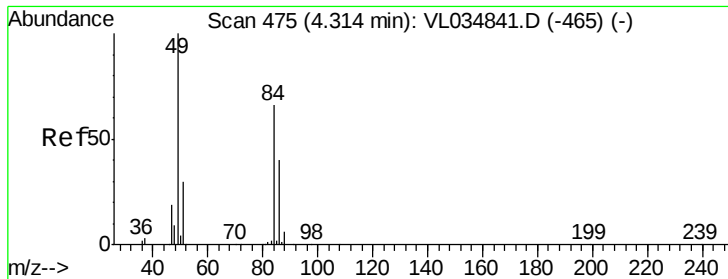


#19

Isopropyl Alcohol
Concen: 1.683 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.01 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

Tgt Ion: 45 Resp: 132499
Ion Ratio Lower Upper
45 100
58 640.5 30.5 45.7#

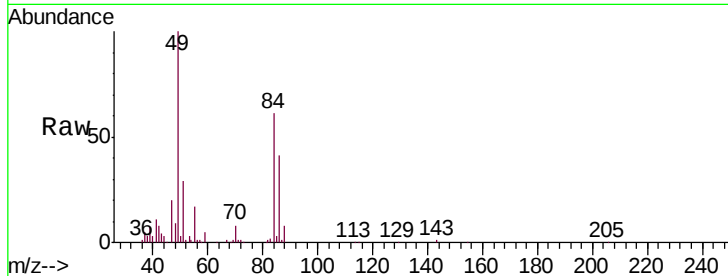




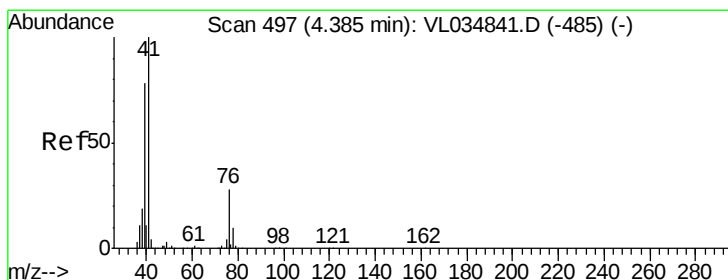
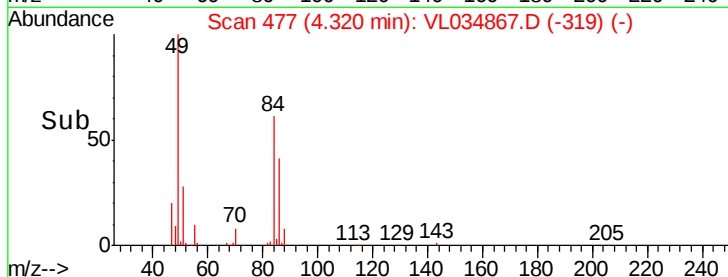
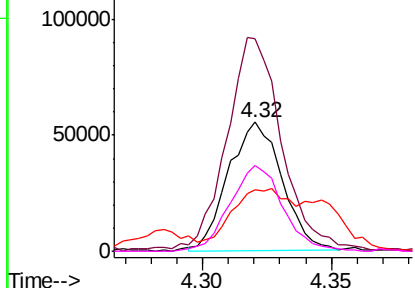
#20
Methylene Chloride
Concen: 2.022 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

Instrument :
MSVOA_L
ClientSampleId :
O-1DL

Tgt Ion: 84 Resp: 79712
Ion Ratio Lower Upper
84 100
49 161.3 121.5 182.3
51 36.4 36.6 55.0#
86 66.0 48.2 72.2

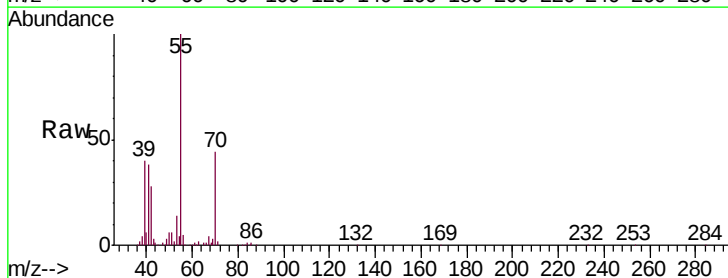


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

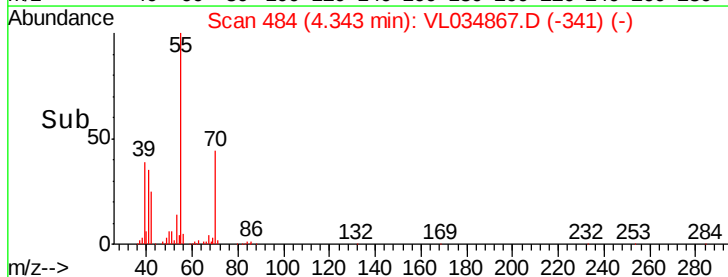
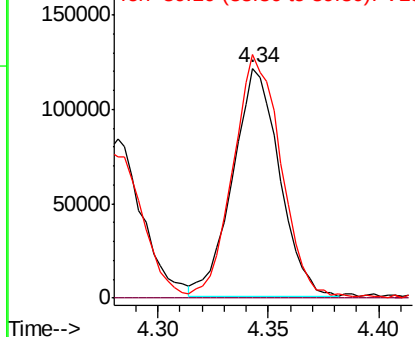


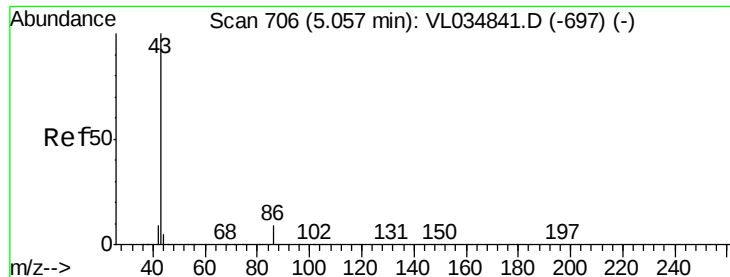
#21
Allyl Chloride
Concen: 2.213 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.04 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

Tgt Ion: 41 Resp: 177165
Ion Ratio Lower Upper
41 100
76 2.5 22.2 33.2#
39 108.6 62.6 93.8#



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

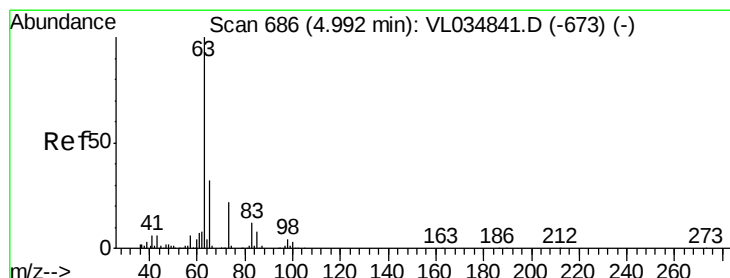
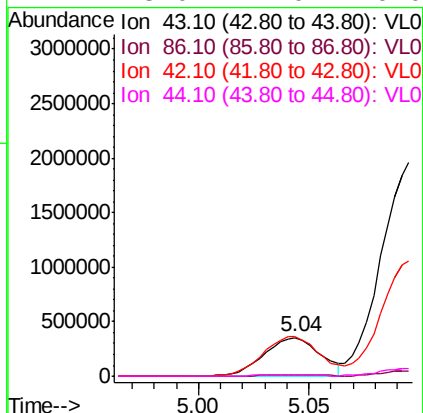
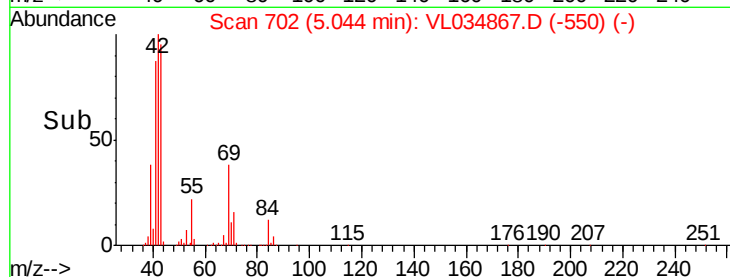
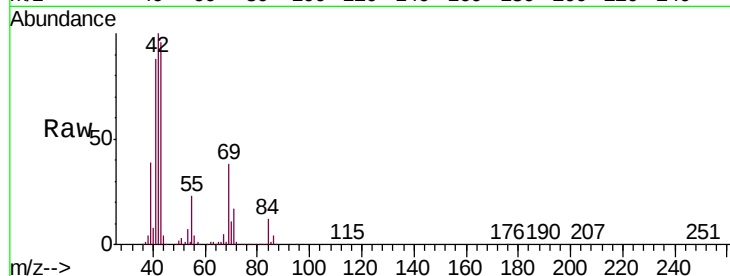




#23
 Vinyl Acetate
 Concen: 3.362 ppbv
 RT: 5.04 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VL034867.D
 Acq: 10 Mar 2020 15:39

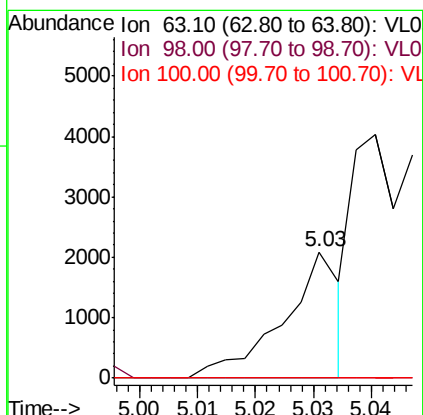
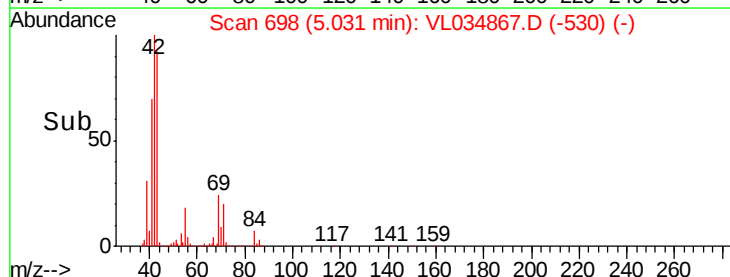
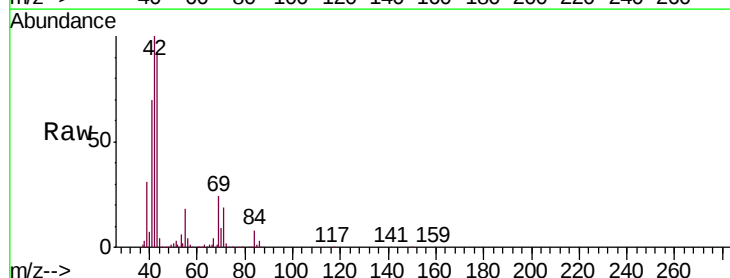
Instrument :
 MSVOA_L
 ClientSampleId :
 O-1DL

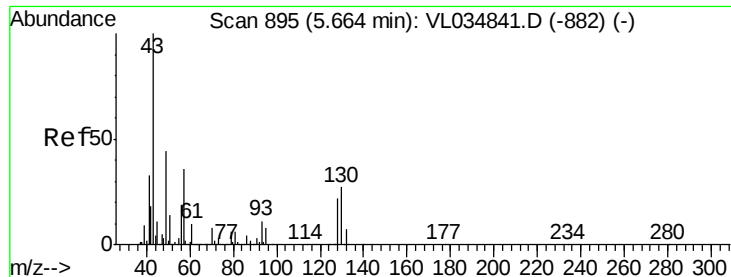
Tgt Ion:	43	Resp:	619198
Ion	Ratio	Lower	Upper
43	100		
86	3.7	6.3	9.5#
42	104.2	7.8	11.8#
44	3.0	4.0	6.0#



#24
 1,1-Dichloroethane
 Concen: 0.012 ppbv
 RT: 5.03 min Scan# 698
 Delta R.T. 0.04 min
 Lab File: VL034867.D
 Acq: 10 Mar 2020 15:39

Tgt Ion:	63	Resp:	1422
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.0	5.8#
100	0.0	1.4	4.0#



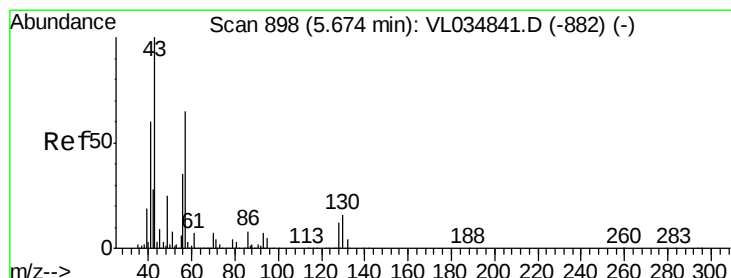
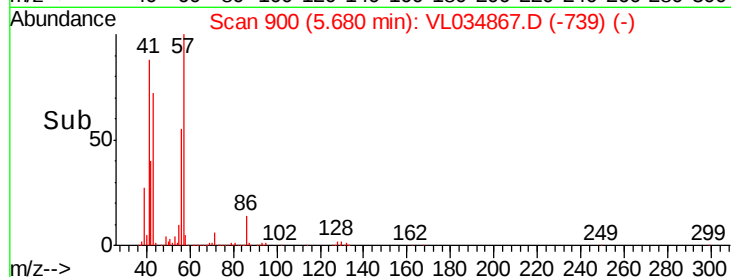
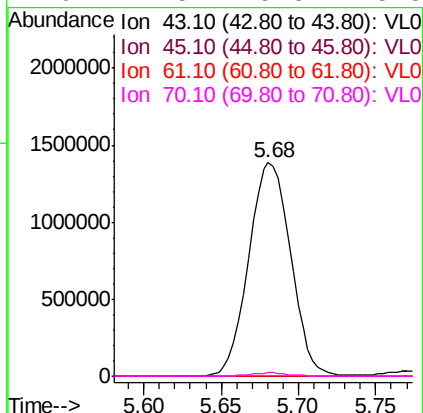
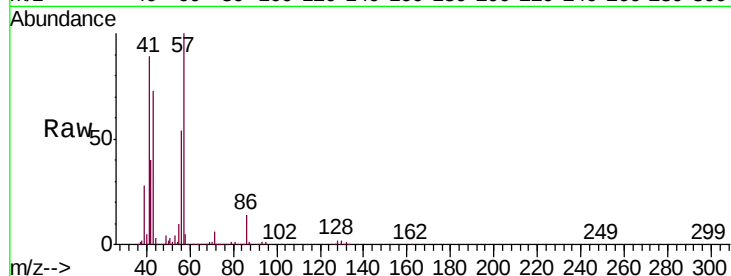


#25
Ethyl Acetate
Concen: 11.779 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.02 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

Instrument :
MSVOA_L
ClientSampleId :
O-1DL

Tgt Ion: 43 Resp: 2616277

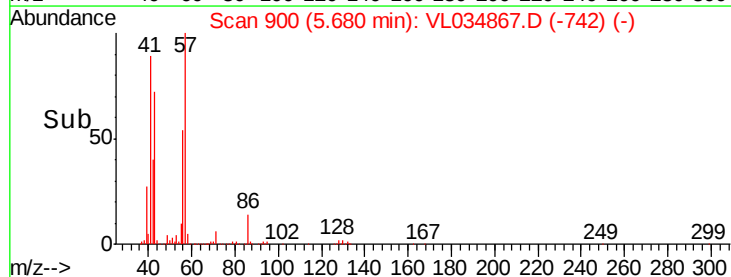
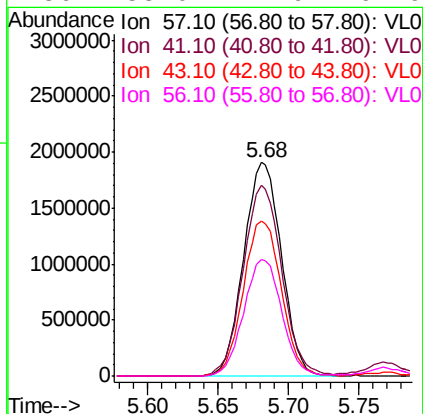
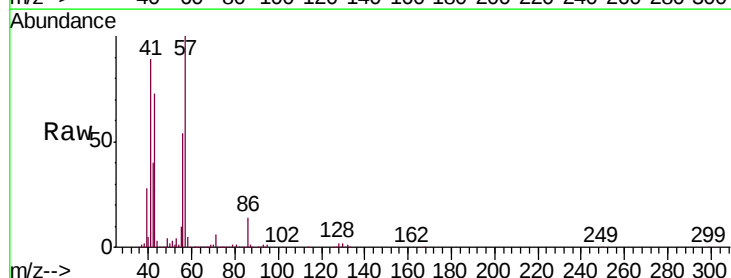
Ion	Ratio	Lower	Upper
43	100		
45	0.1	8.2	12.2#
61	0.2	7.8	11.6#
70	1.5	5.8	8.8#

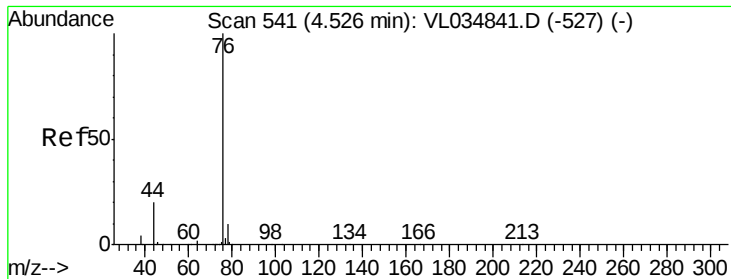


#26
Hexane
Concen: 37.379 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

Tgt Ion: 57 Resp: 3575100

Ion	Ratio	Lower	Upper
57	100		
41	91.9	72.6	109.0
43	73.2	183.8	275.6#
56	55.0	41.9	62.9





#27

Carbon Disulfide

Concen: 0.031 ppbv

RT: 4.53 min Scan# 541

Delta R.T. 0.00 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

Instrument :

MSVOA_L

ClientSampleId :

O-1DL

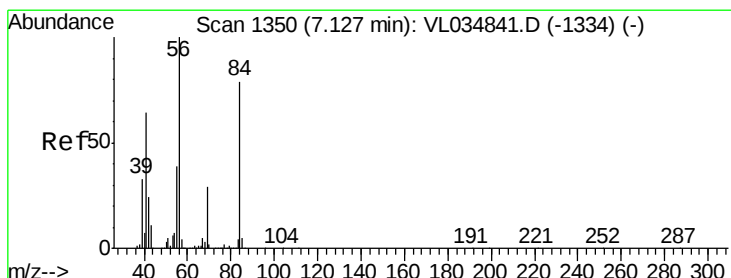
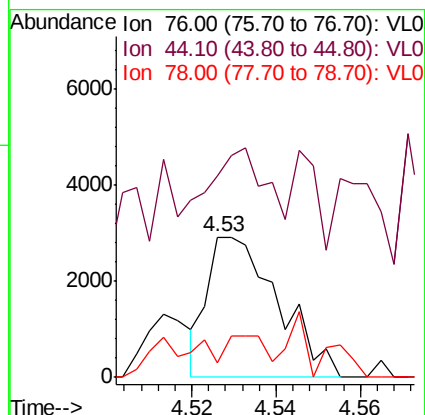
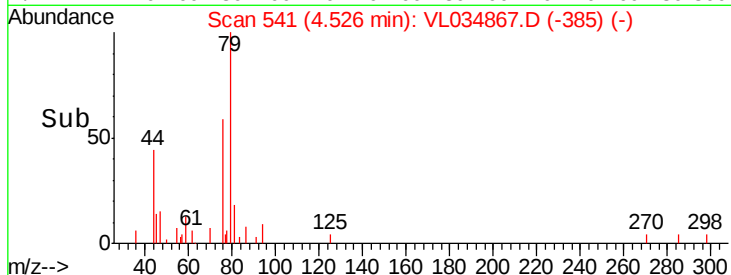
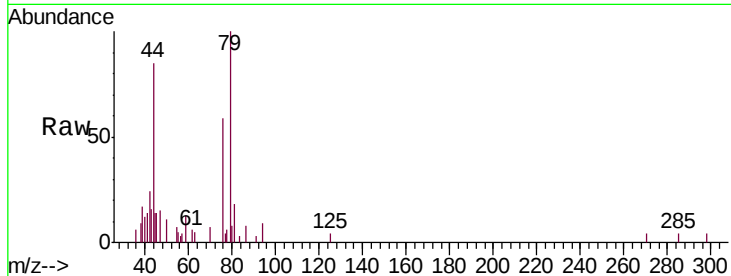
Tgt Ion: 76 Resp: 3406

Ion Ratio Lower Upper

76 100

44 0.0 16.2 24.2#

78 57.3 7.8 11.6#



#30

Cyclohexane

Concen: 0.026 ppbv

RT: 7.12 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

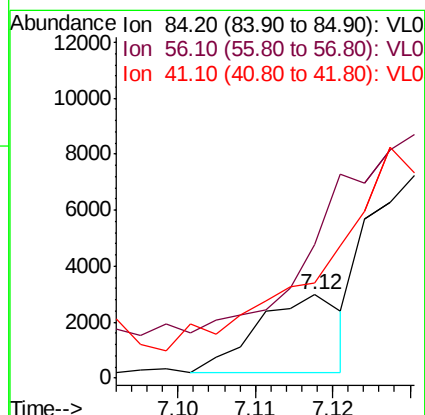
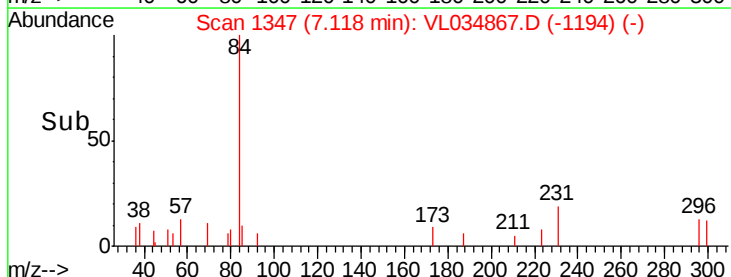
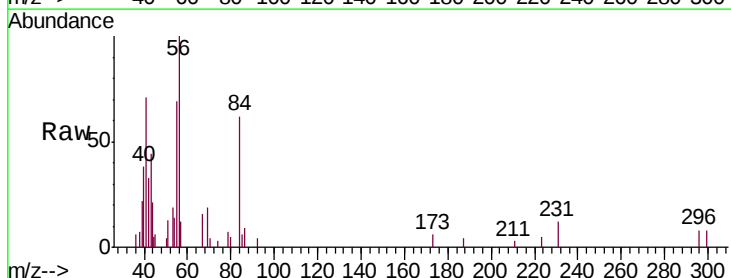
Tgt Ion: 84 Resp: 2089

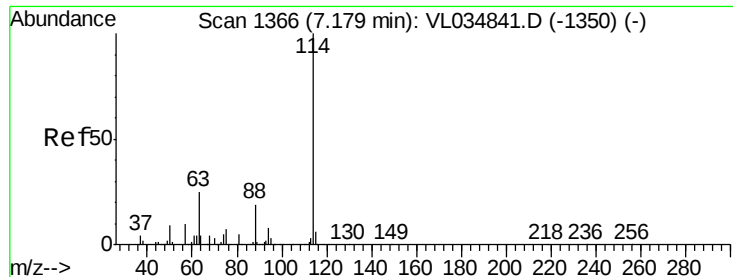
Ion Ratio Lower Upper

84 100

56 0.0 110.5 165.7#

41 0.0 68.2 102.4#

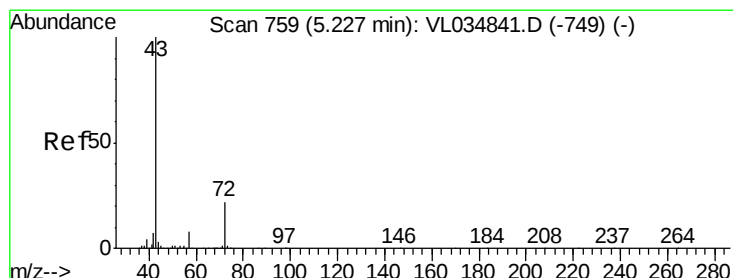
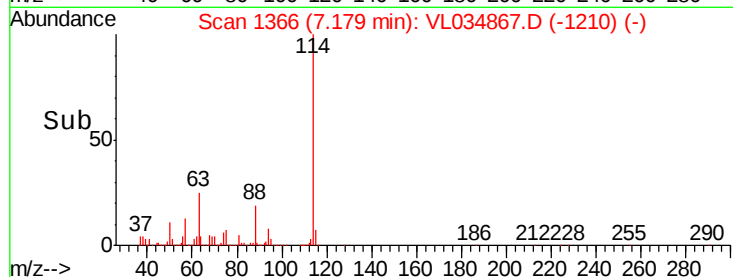
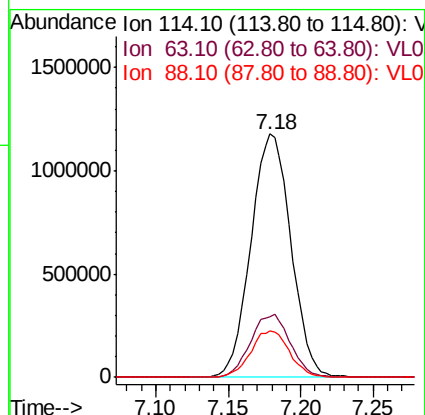
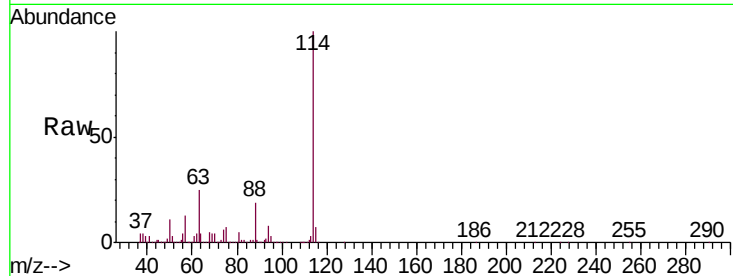




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: VL034867.D
 Acq: 10 Mar 2020 15:39

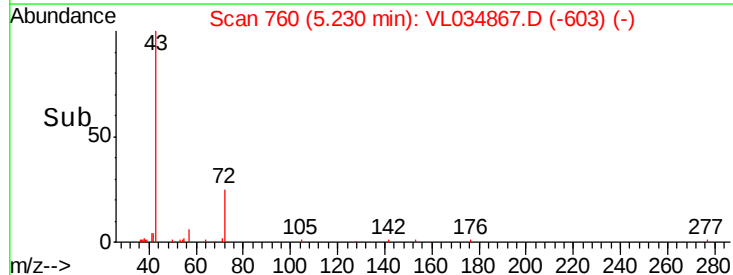
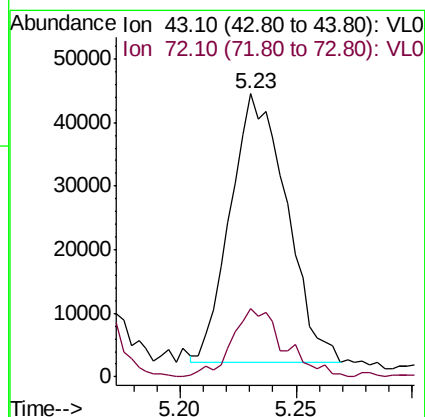
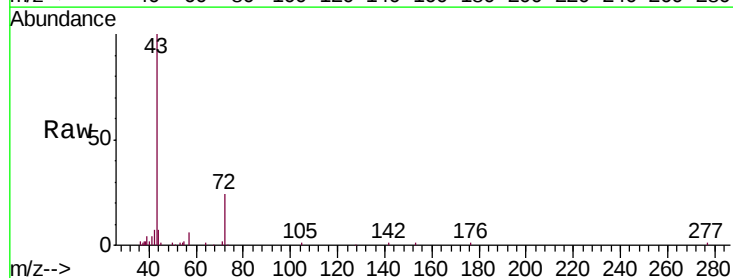
Instrument :
 MSVOA_L
 ClientSampleId :
 O-1DL

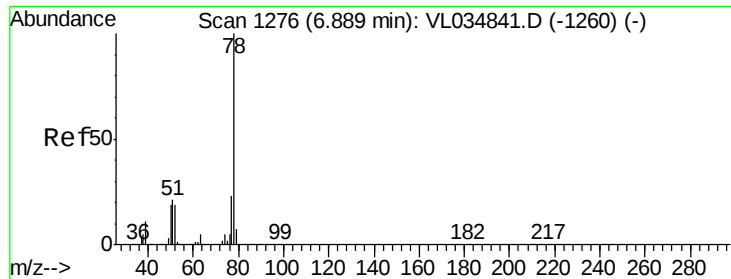
Tgt Ion:114 Resp: 2261926
 Ion Ratio Lower Upper
 114 100
 63 26.1 20.6 31.0
 88 18.6 15.0 22.6



#34
 2-Butanone
 Concen: 0.475 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: VL034867.D
 Acq: 10 Mar 2020 15:39

Tgt Ion: 43 Resp: 71370
 Ion Ratio Lower Upper
 43 100
 72 24.3 17.6 26.4





#36

Benzene

Concen: 0.092 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

Instrument :

MSVOA_L

ClientSampleId :

O-1DL

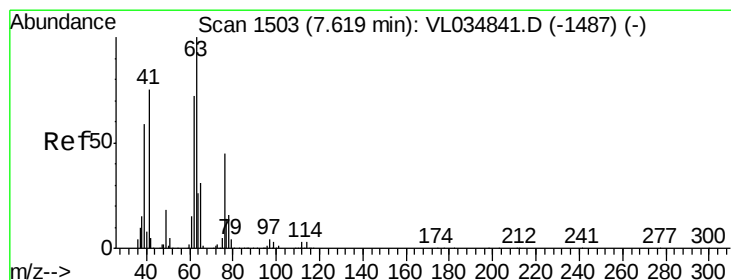
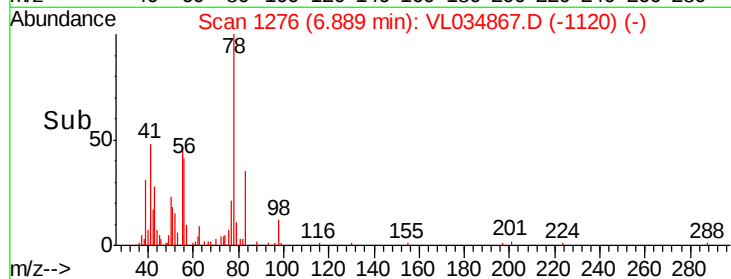
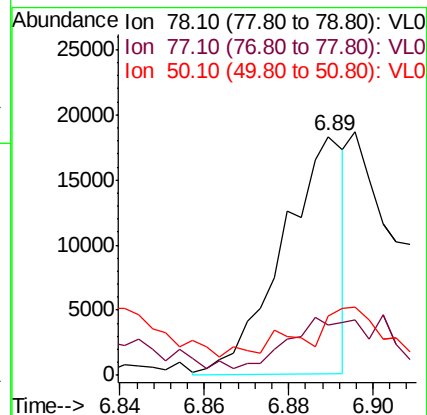
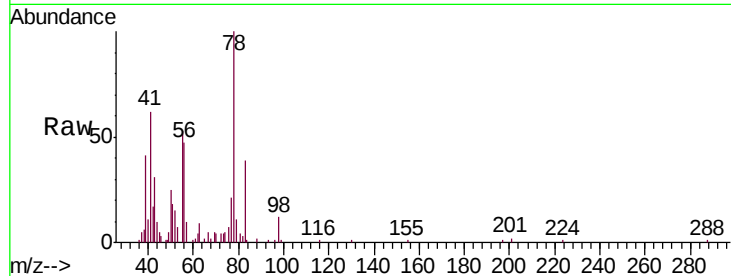
Tgt Ion: 78 Resp: 18605

Ion Ratio Lower Upper

78 100

77 14.5 18.2 27.2#

50 10.4 15.2 22.8#



#39

1,2-Dichloropropane

Concen: 7.279 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.44 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

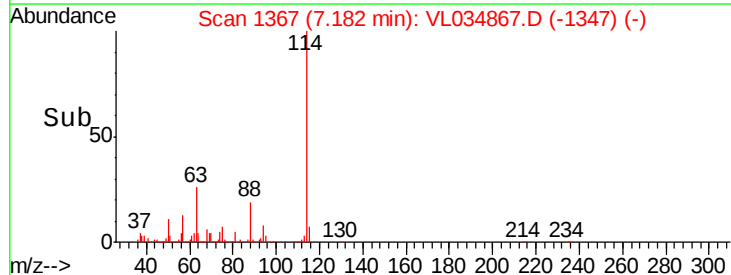
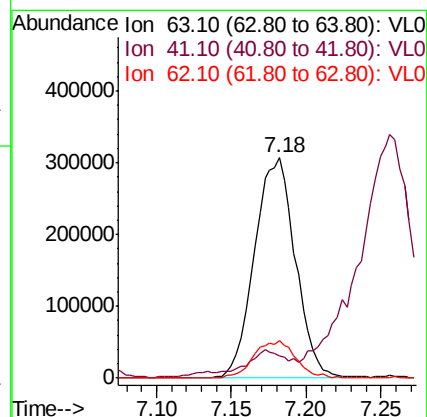
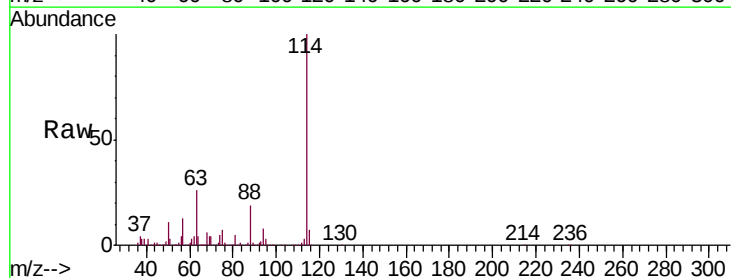
Tgt Ion: 63 Resp: 581484

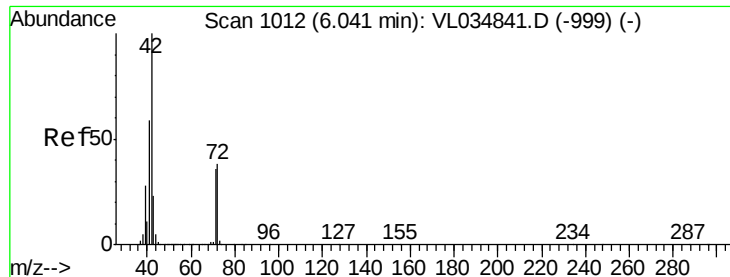
Ion Ratio Lower Upper

63 100

41 8.1 59.8 89.8#

62 16.8 57.6 86.4#





#41

Tetrahydrofuran

Concen: 0.930 ppbv

RT: 5.97 min Scan# 991

Delta R.T. -0.07 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

Instrument :

MSVOA_L

ClientSampleId :

O-1DL

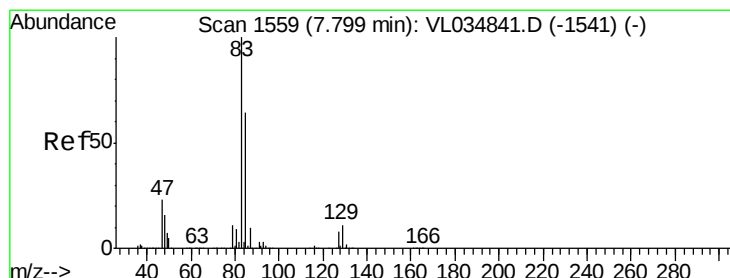
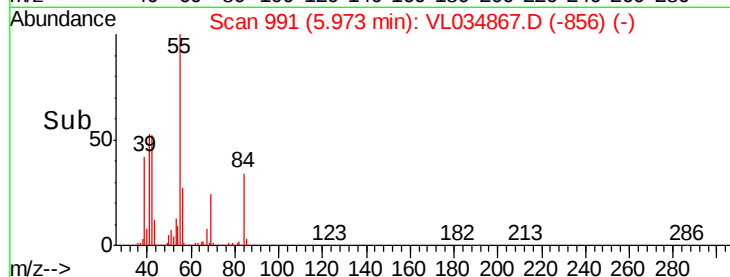
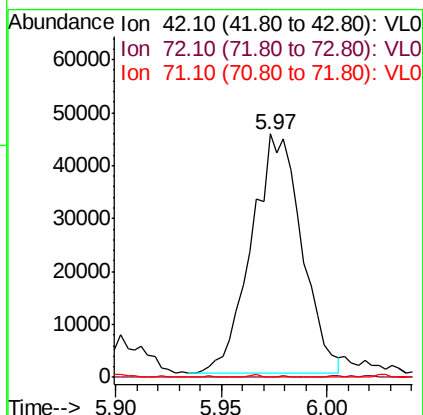
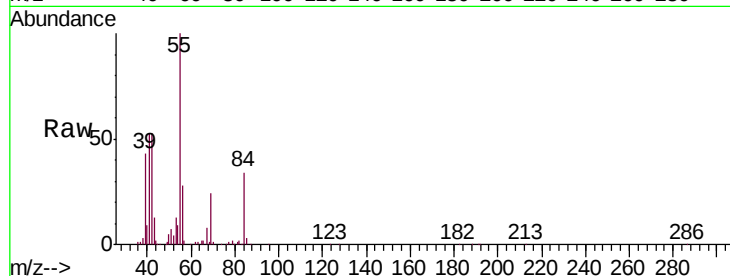
Tgt Ion: 42 Resp: 75642

Ion Ratio Lower Upper

42 100

72 0.5 30.8 46.2#

71 0.0 30.1 45.1#



#42

Bromodichloromethane

Concen: 0.092 ppbv

RT: 7.80 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

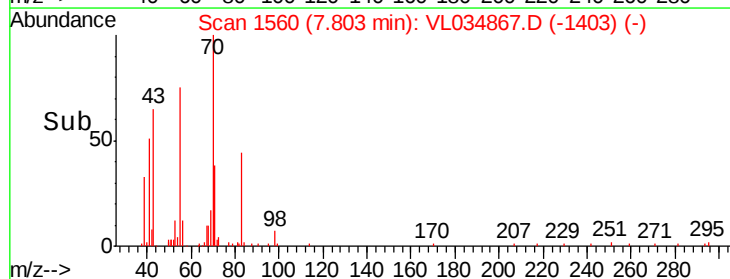
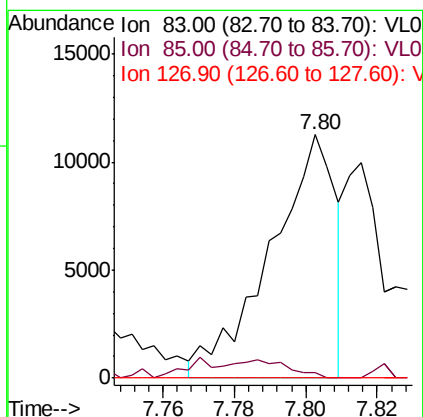
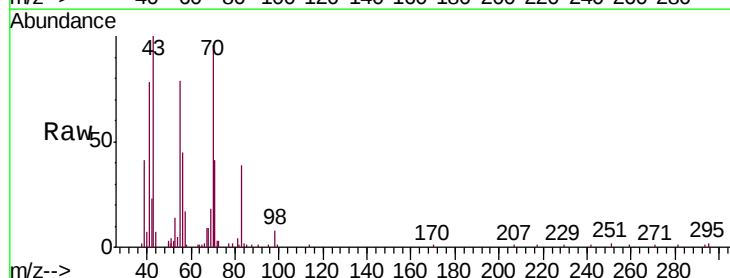
Tgt Ion: 83 Resp: 14197

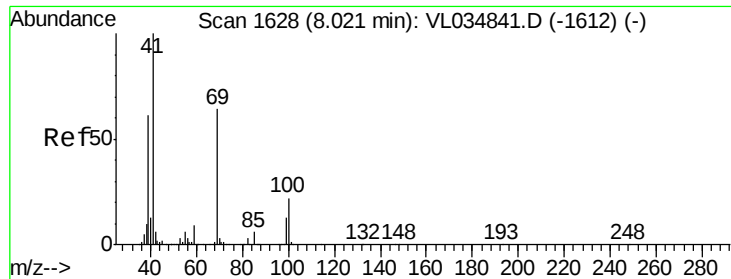
Ion Ratio Lower Upper

83 100

85 2.4 51.4 77.2#

127 0.0 6.2 9.4#

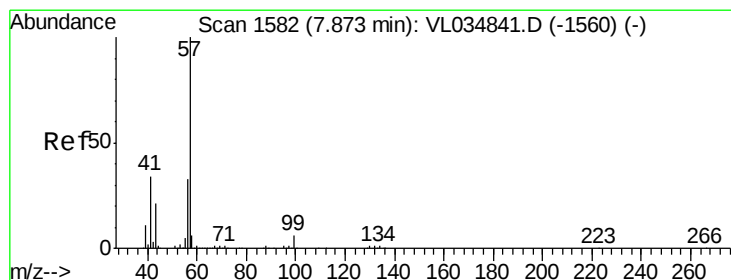
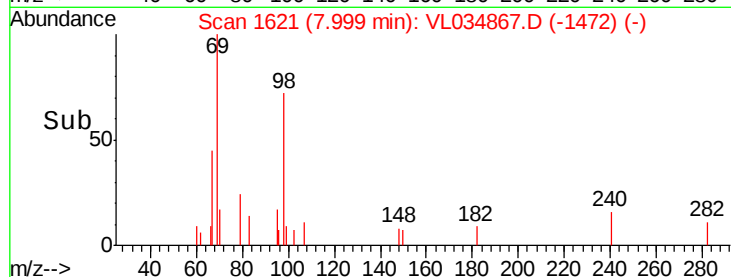
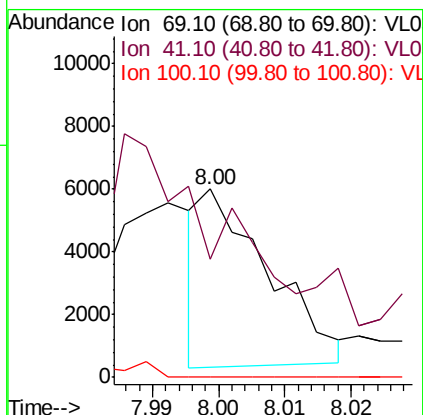
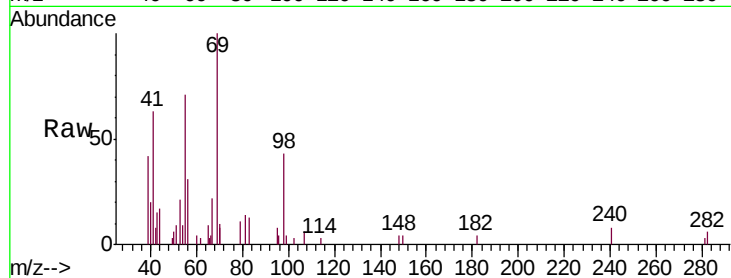




#43
Methyl Methacrylate
Concen: 0.047 ppbv
RT: 8.00 min Scan# 1621
Delta R.T. -0.02 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

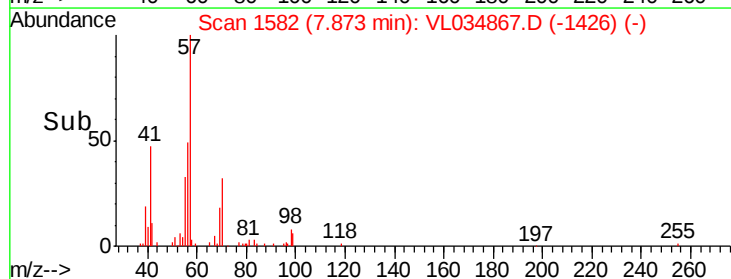
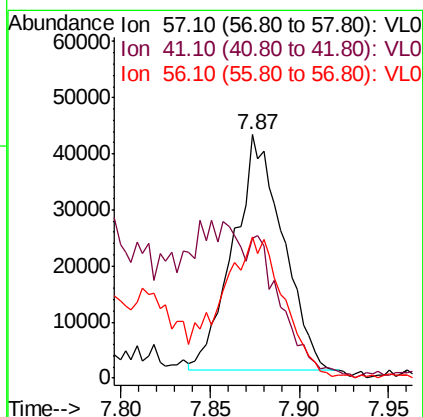
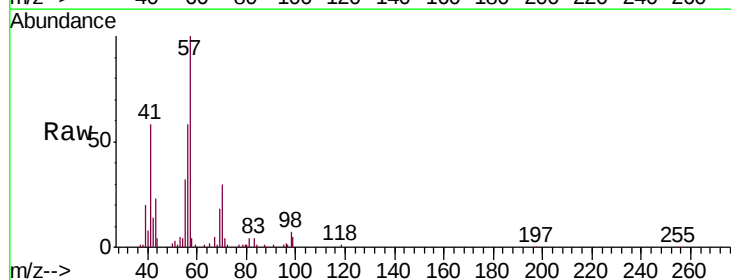
Instrument :
MSVOA_L
ClientSampleId :
O-1DL

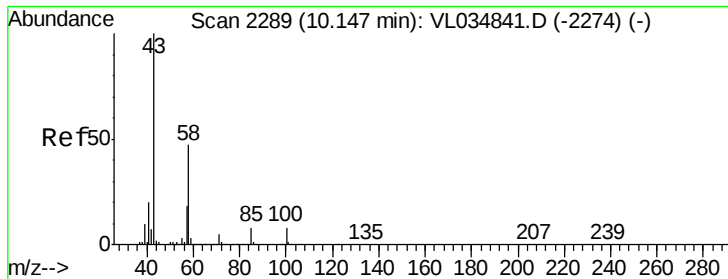
Tgt Ion: 69 Resp: 4009
Ion Ratio Lower Upper
69 100
41 0.0 123.2 184.8#
100 0.0 26.9 40.3#



#44
2,2,4-Trimethylpentane
Concen: 0.240 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

Tgt Ion: 57 Resp: 81665
Ion Ratio Lower Upper
57 100
41 119.2 26.2 39.4#
56 71.2 25.0 37.4#

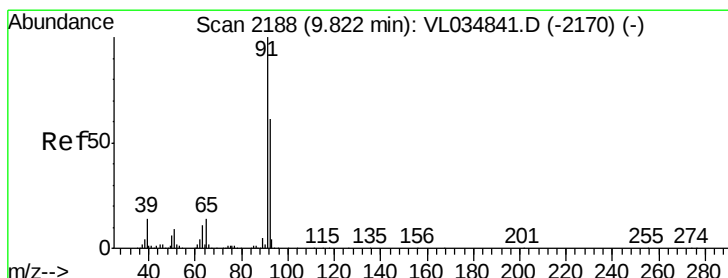
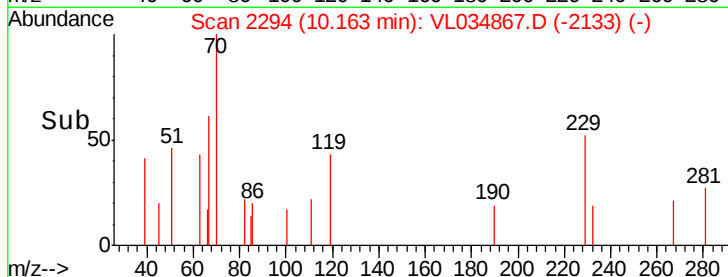
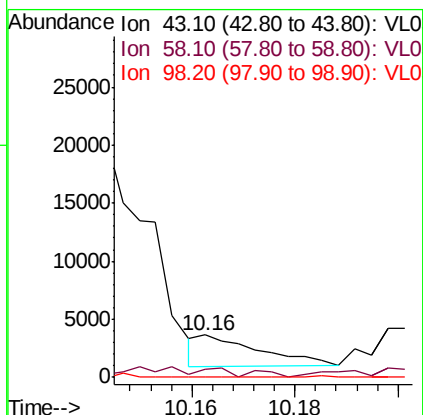
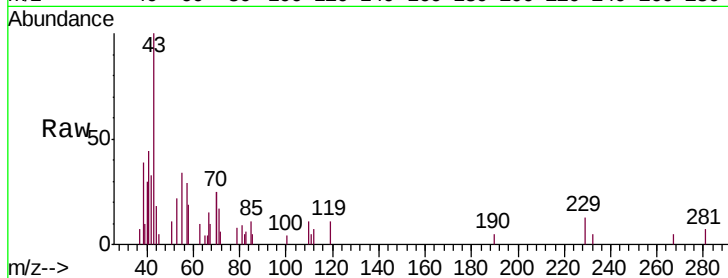




#51
2-Hexanone
Concen: 0.013 ppbv
RT: 10.16 min Scan# 2294
Delta R.T. 0.02 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

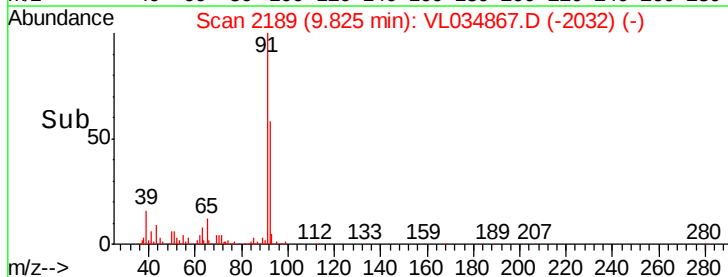
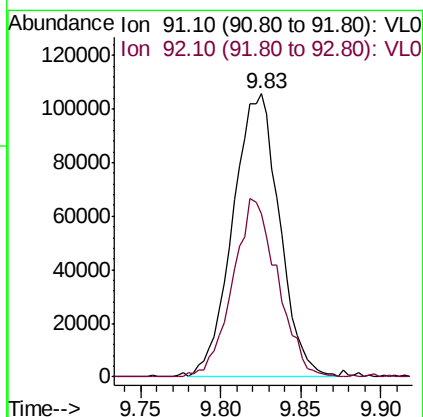
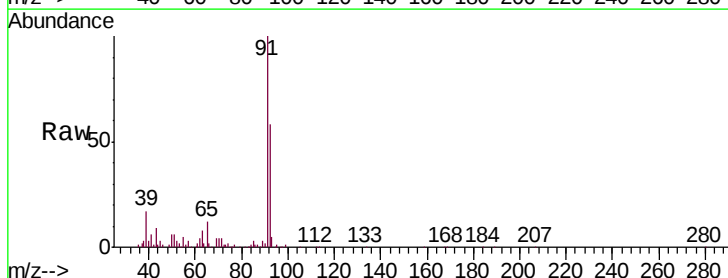
Instrument :
MSVOA_L
ClientSampleId :
O-1DL

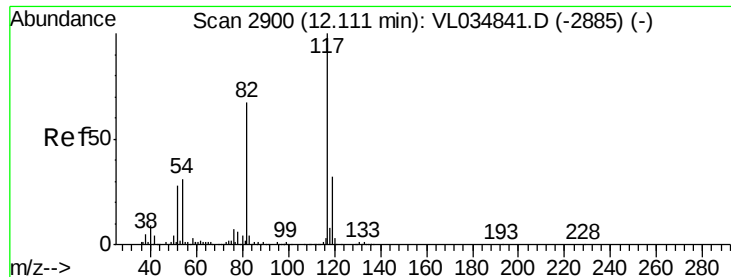
Tgt Ion: 43 Resp: 2237
Ion Ratio Lower Upper
43 100
58 61.2 38.6 58.0#
98 0.0 0.1 0.1#



#53
Toluene
Concen: 0.901 ppbv
RT: 9.83 min Scan# 2189
Delta R.T. 0.00 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

Tgt Ion: 91 Resp: 209873
Ion Ratio Lower Upper
91 100
92 60.6 48.6 72.8

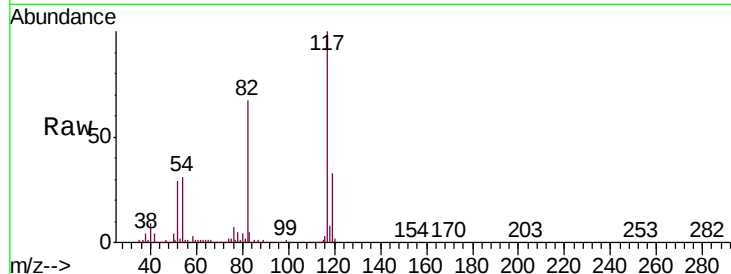




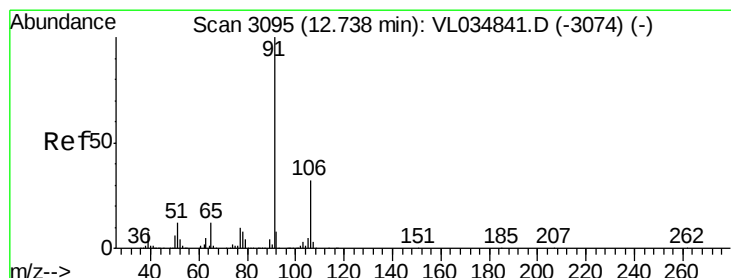
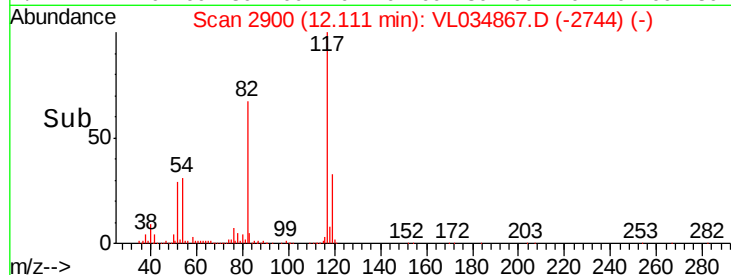
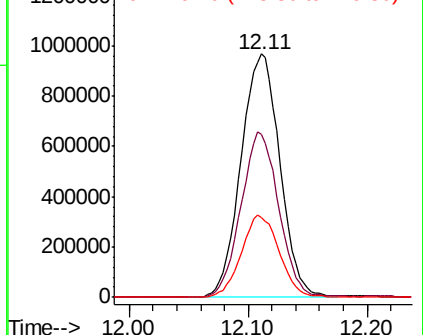
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

Instrument :
MSVOA_L
ClientSampleId :
O-1DL

Tgt Ion: 117 Resp: 2191071
Ion Ratio Lower Upper
117 100
82 67.0 51.1 76.7
119 33.1 27.3 40.9

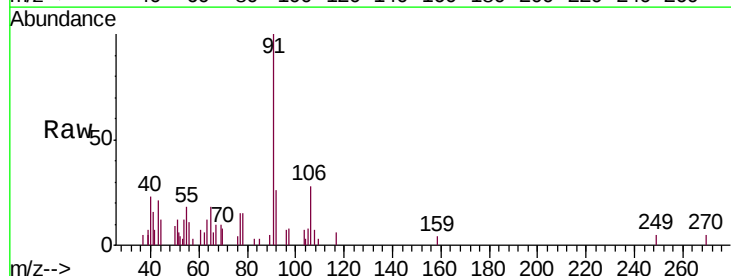


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

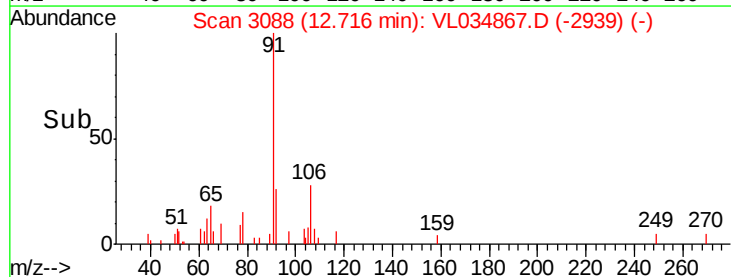
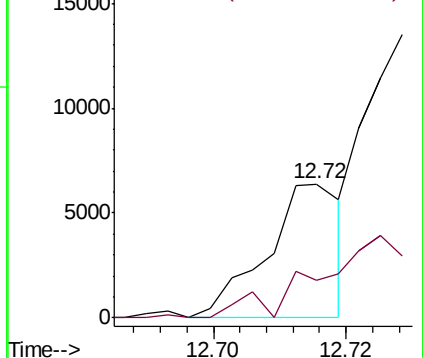


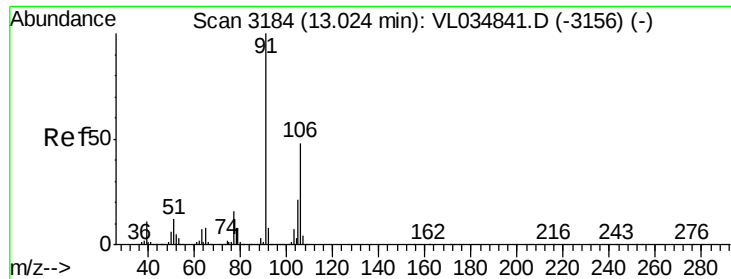
#58
Ethyl Benzene
Concen: 0.017 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. -0.02 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

Tgt Ion: 91 Resp: 5023
Ion Ratio Lower Upper
91 100
106 27.9 25.8 38.6



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

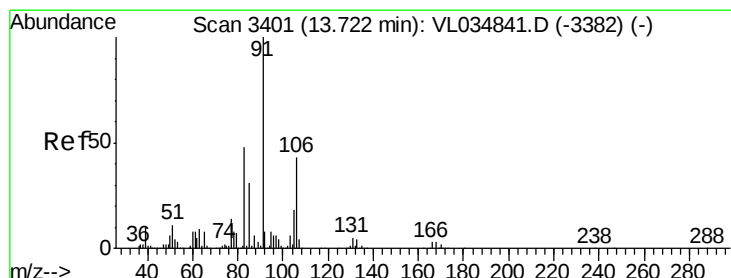
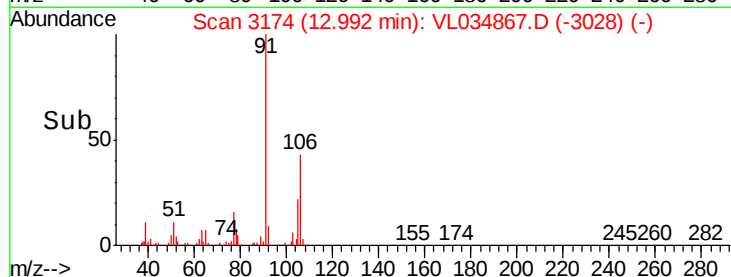
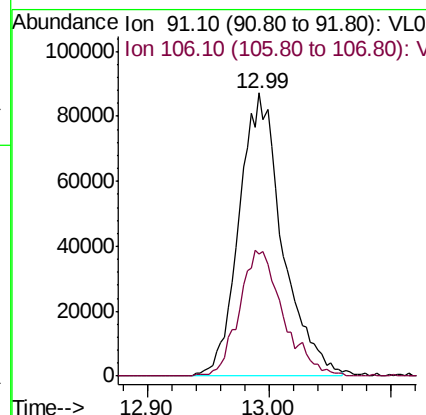
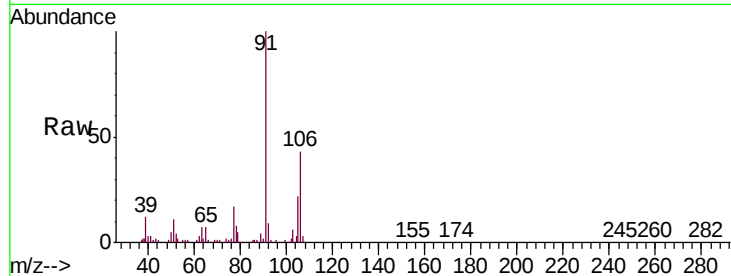




#59
m/p-Xylene
Concen: 0.863 ppbv
RT: 12.99 min Scan# 3174
Delta R.T. -0.03 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

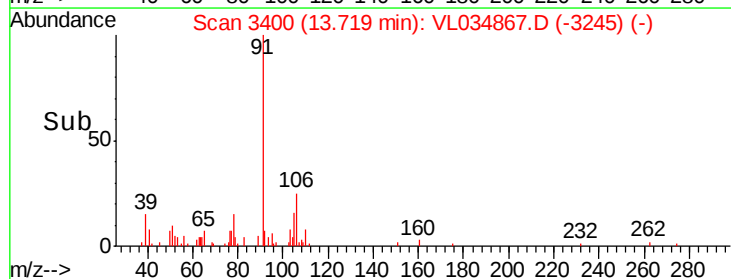
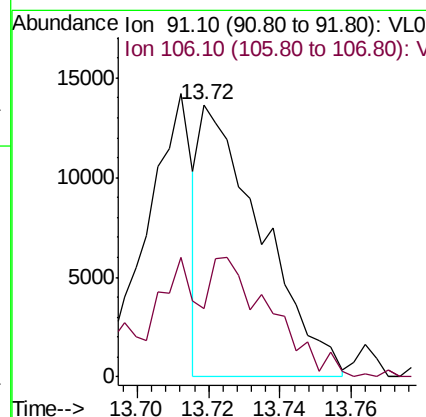
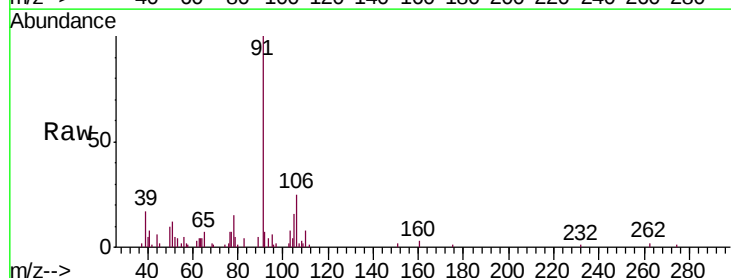
Instrument :
MSVOA_L
ClientSampleId :
O-1DL

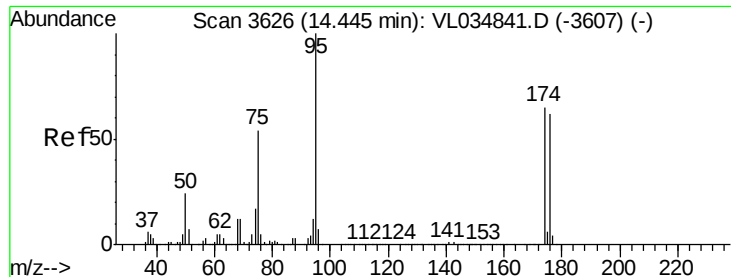
Tgt Ion: 91 Resp: 214521
Ion Ratio Lower Upper
91 100
106 45.2 37.1 55.7



#60
o-Xylene
Concen: 0.068 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. -0.00 min
Lab File: VL034867.D
Acq: 10 Mar 2020 15:39

Tgt Ion: 91 Resp: 16392
Ion Ratio Lower Upper
91 100
106 81.7 22.5 67.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.228 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. 0.00 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

Instrument :

MSVOA_L

ClientSampleId :

O-1DL

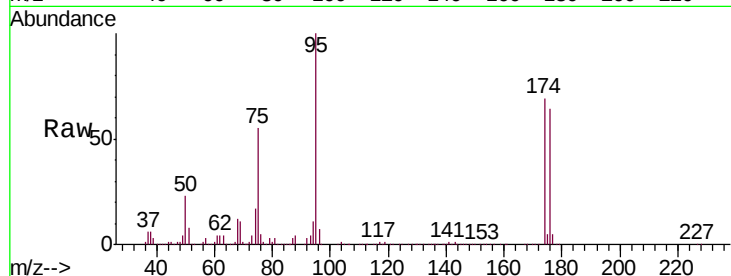
Tgt Ion: 95 Resp: 1747663

Ion Ratio Lower Upper

95 100

174 68.5 55.2 82.8

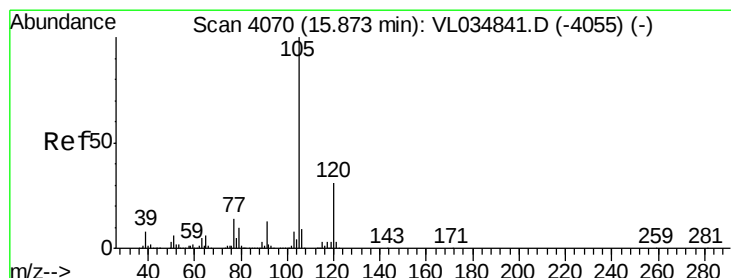
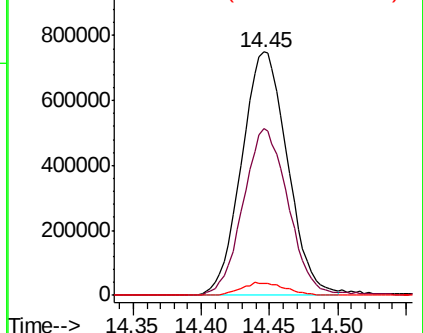
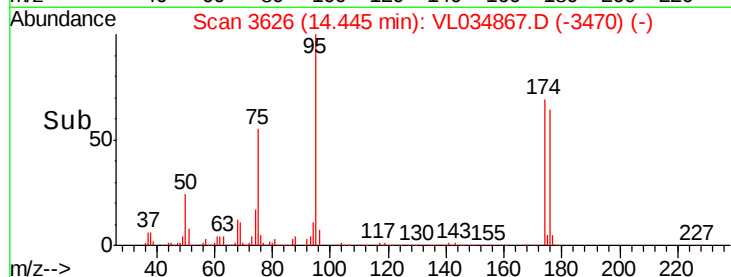
175 5.2 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



#72

4-Ethyltoluene

Concen: 0.016 ppbv

RT: 15.88 min Scan# 4071

Delta R.T. 0.00 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

Tgt Ion: 105 Resp: 4687

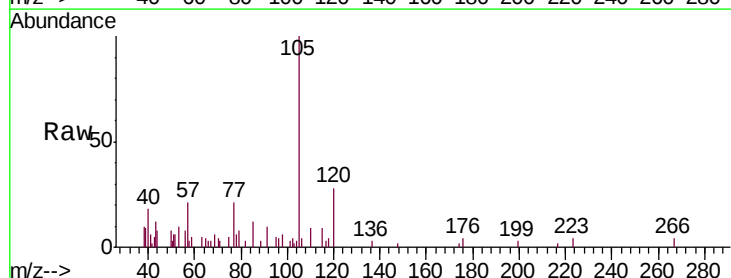
Ion Ratio Lower Upper

105 100

120 0.0 23.7 35.5#

91 53.8 10.5 15.7#

77 38.9 11.1 16.7#

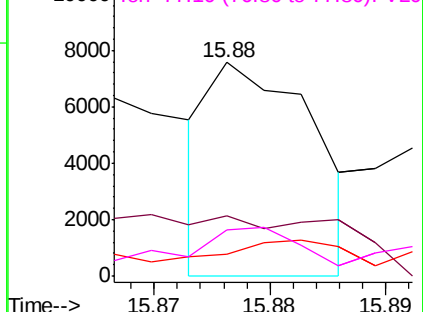
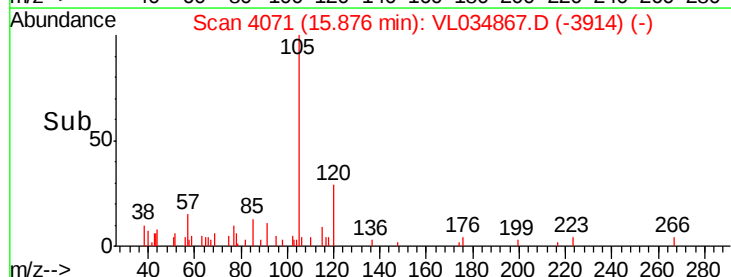


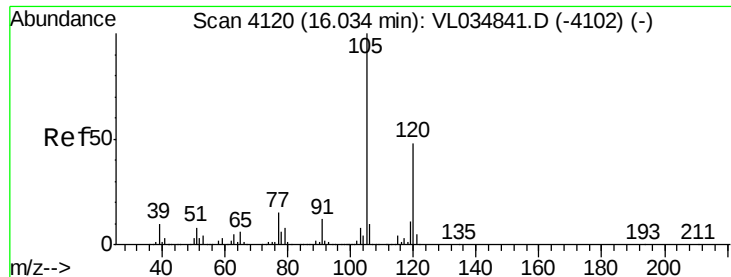
Abundance Ion 105.10 (104.80 to 105.80): V

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





#73

1,3,5-Trimethylbenzene

Concen: 0.013 ppbv

RT: 16.04 min Scan# 4122

Delta R.T. 0.01 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

Instrument :

MSVOA_L

ClientSampleID :

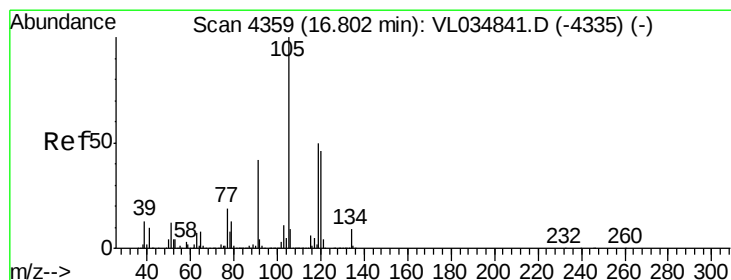
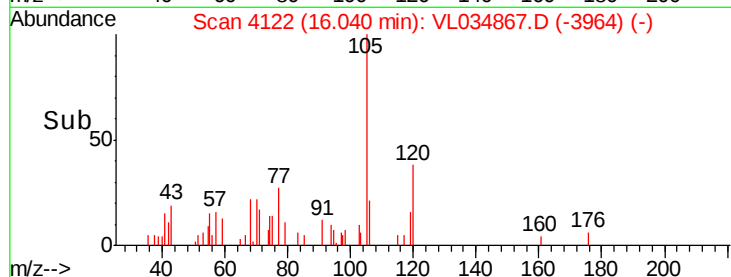
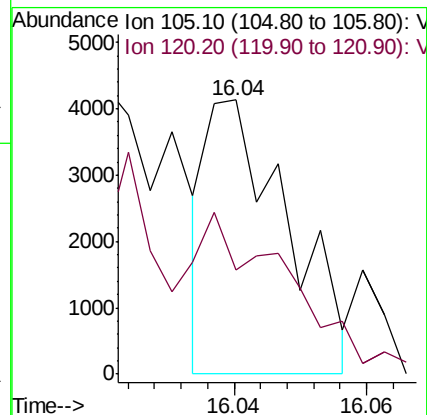
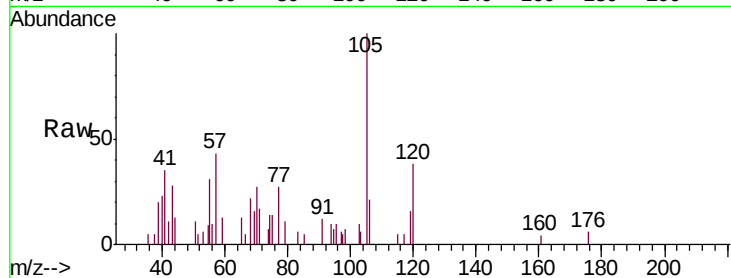
O-1DL

Tgt Ion:105 Resp: 3486

Ion Ratio Lower Upper

105 100

120 22.4 38.6 58.0#



#74

1,2,4-Trimethylbenzene

Concen: 0.057 ppbv

RT: 16.81 min Scan# 4360

Delta R.T. 0.00 min

Lab File: VL034867.D

Acq: 10 Mar 2020 15:39

Tgt Ion:105 Resp: 15632

Ion Ratio Lower Upper

105 100

120 76.9 37.0 55.4#

91 9.8 33.8 50.6#

77 15.0 15.4 23.0#

