

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
 Data File : VL034448.D
 Acq On : 3 Dec 2019 5:13
 Operator : SY/AP
 Sample : K6097-01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1A

Quant Time: Dec 03 05:58:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	729372	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1404647	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1419051	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1235807	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

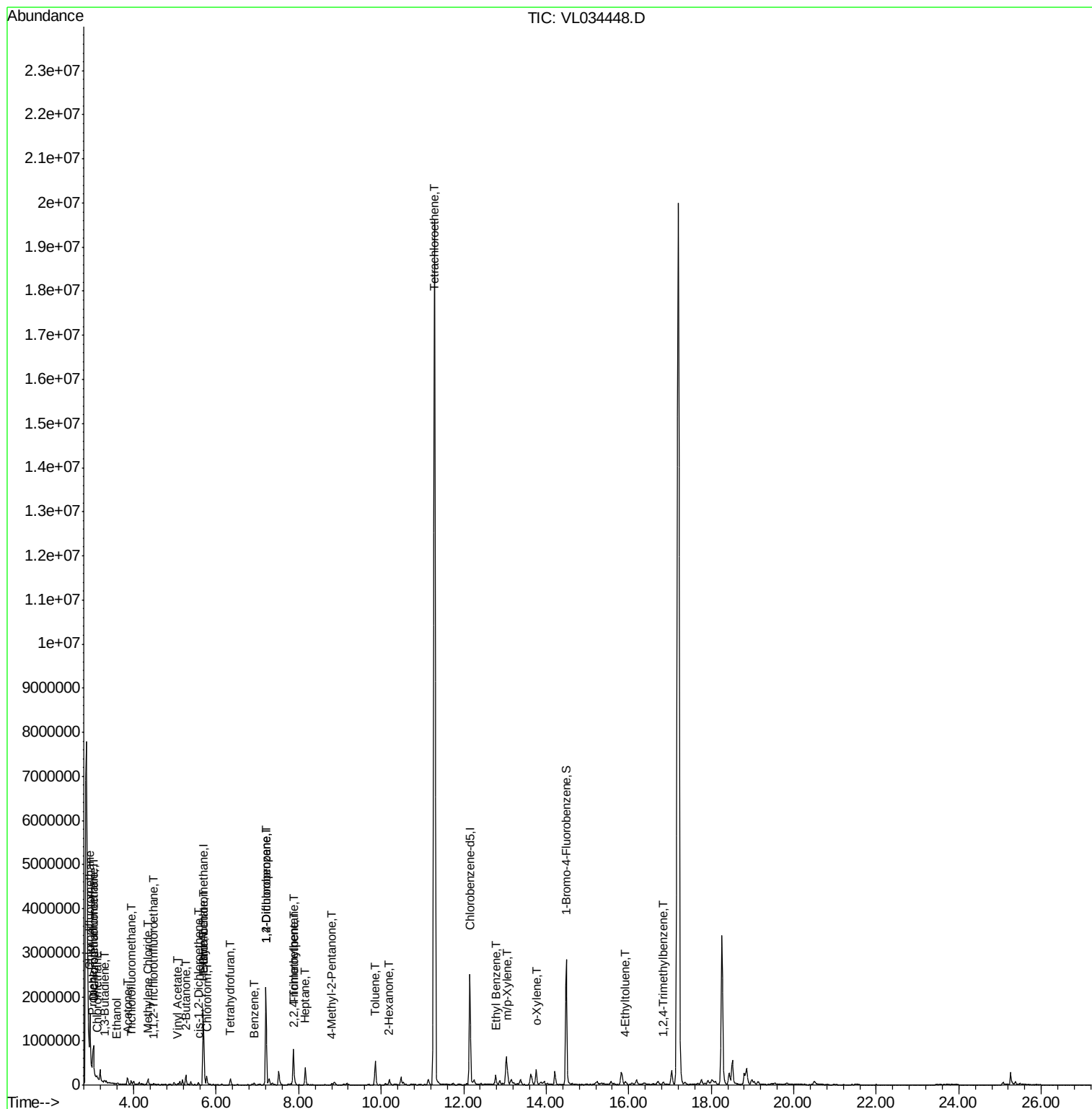
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.02	85	354880	2.690	ppbv	96
3) Chlorodifluoromethane	2.94	51	605502	6.654	ppbv #	59
4) Chloromethane	3.12	50	2646	0.049	ppbv #	65
8) Dichlorotetrafluoroethane	3.02	85	354880	2.995	ppbv #	19
9) Propene	2.99	41	8433	0.209	ppbv #	42
10) Heptane	8.16	43	153343	1.471	ppbv	98
11) Trichlorofluoromethane	3.94	101	47203	0.359	ppbv	86
12) 1,1,2-Trichlorotrifluoroet	4.48	101	2857	0.033	ppbv #	14
13) Ethanol	3.57	45	338	0.030	ppbv #	40
15) Acetone	3.85	43	137269	1.314	ppbv #	70
16) 1,3-Butadiene	3.29	39	10710	0.235	ppbv #	41
20) Methylene Chloride	4.34	84	24565	0.663	ppbv	95
23) Vinyl Acetate	5.08	43	13522	0.099	ppbv #	60
25) Ethyl Acetate	5.70	43	118363	0.635	ppbv #	77
26) Hexane	5.71	57	163407	2.040	ppbv #	38
29) Chloroform	5.77	83	118183	0.911	ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	25711	0.311	ppbv #	74
34) 2-Butanone	5.26	43	239495	2.071	ppbv	97
36) Benzene	6.92	78	15043	0.107	ppbv #	83
38) Trichloroethene	7.87	130	215680	3.743	ppbv	97
39) 1,2-Dichloropropane	7.21	63	415178	7.675	ppbv #	23
41) Tetrahydrofuran	6.33	42	2218	0.034	ppbv #	47
44) 2,2,4-Trimethylpentane	7.90	57	11224	0.044	ppbv #	1
50) 4-Methyl-2-Pentanone	8.80	43	7694	0.046	ppbv #	52
51) 2-Hexanone	10.20	43	87508	0.625	ppbv #	95
52) Tetrachloroethene	11.29	164	5805503	95.558	ppbv	89
53) Toluene	9.85	91	395285	2.478	ppbv	98
58) Ethyl Benzene	12.78	91	140529	0.638	ppbv	92
59) m/p-Xylene	13.06	91	142572	0.749	ppbv #	33
60) o-Xylene	13.76	91	250437	1.331	ppbv	95
72) 4-Ethyltoluene	15.91	105	24524	0.113	ppbv #	74
74) 1,2,4-Trimethylbenzene	16.84	105	23172	0.102	ppbv #	70

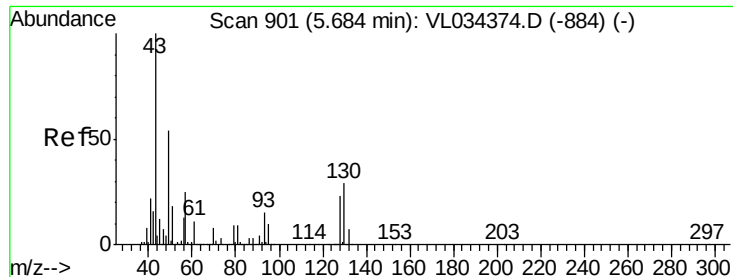
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_L\DATA\VL120219\
Data File : VL034448.D
Acq On : 3 Dec 2019 5:13
Operator : SY/AP
Sample : K6097-01
Misc : 400ml/MSV0A_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-1A

Quant Time: Dec 03 05:58:06 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

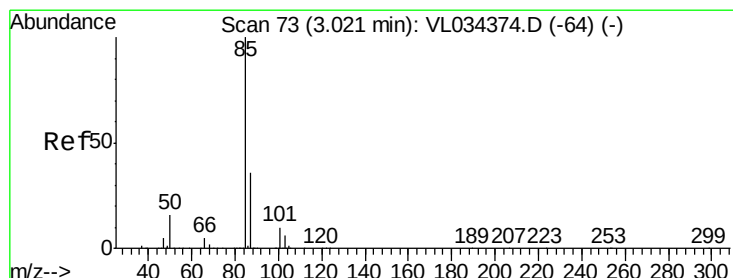
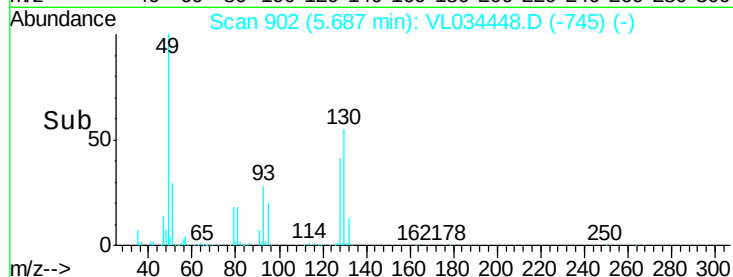
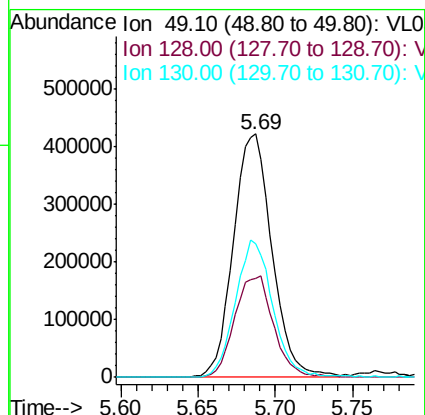
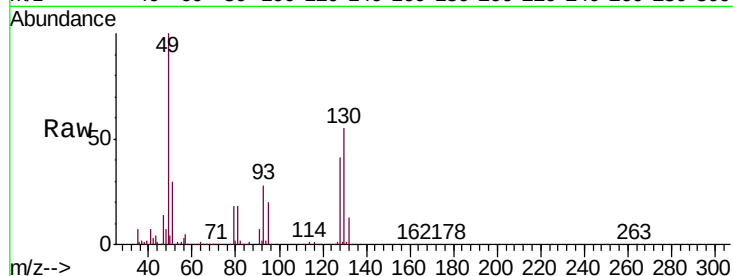




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: VL034448.D
 Acq: 3 Dec 2019 5:13

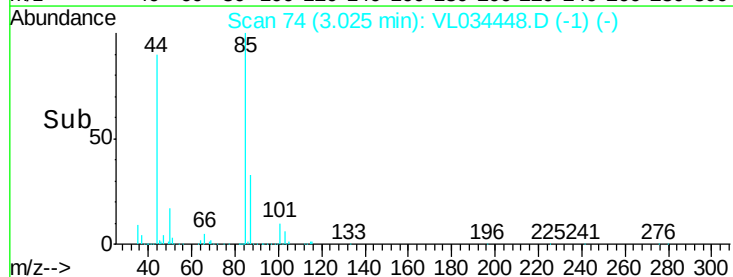
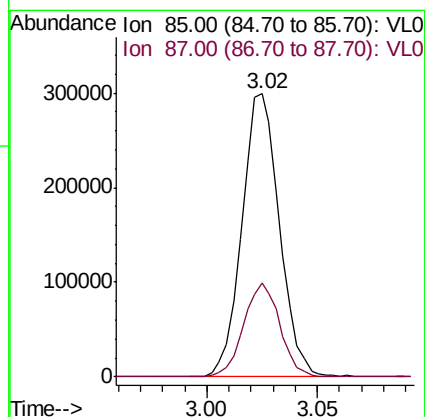
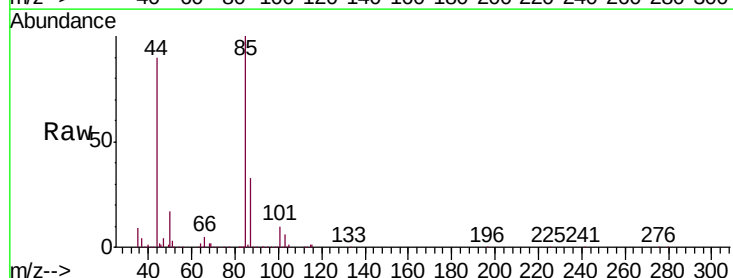
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1A

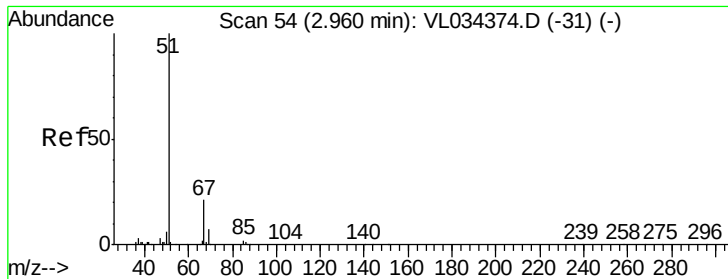
Tgt Ion: 49 Resp: 729372
 Ion Ratio Lower Upper
 49 100
 128 42.7 21.8 65.3
 130 54.7 28.0 84.0



#2
 Dichlorodifluoromethane
 Concen: 2.690 ppbv
 RT: 3.02 min Scan# 74
 Delta R.T. 0.00 min
 Lab File: VL034448.D
 Acq: 3 Dec 2019 5:13

Tgt Ion: 85 Resp: 354880
 Ion Ratio Lower Upper
 85 100
 87 33.1 28.5 42.7





#3

Chlorodifluoromethane

Concen: 6.654 ppbv

RT: 2.94 min Scan# 47

Delta R.T. -0.02 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Instrument :

MSVOA_L

ClientSampleId :

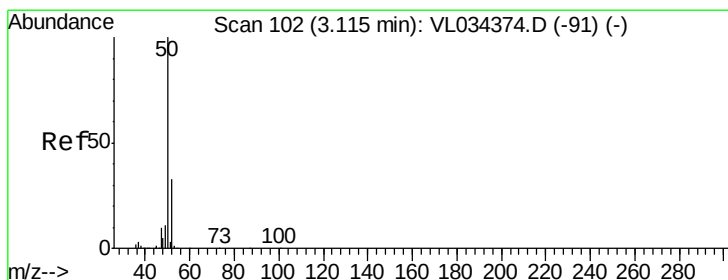
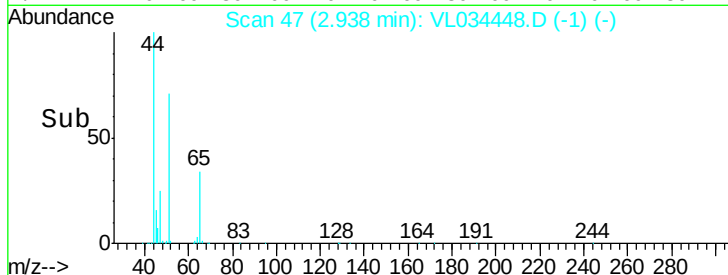
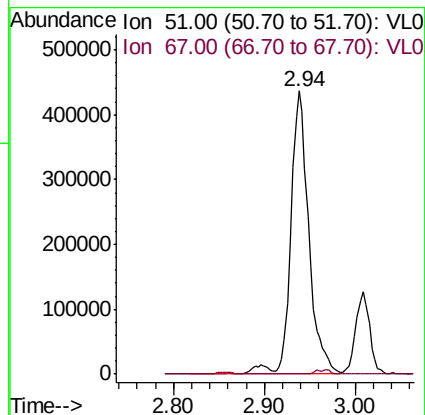
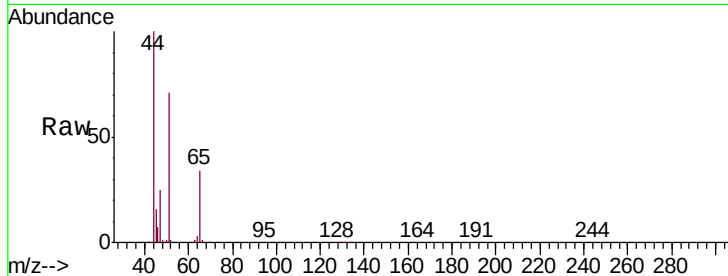
SV-1A

Tgt Ion: 51 Resp: 605502

Ion Ratio Lower Upper

51 100

67 1.3 16.2 24.2#



#4

Chloromethane

Concen: 0.049 ppbv

RT: 3.12 min Scan# 103

Delta R.T. 0.00 min

Lab File: VL034448.D

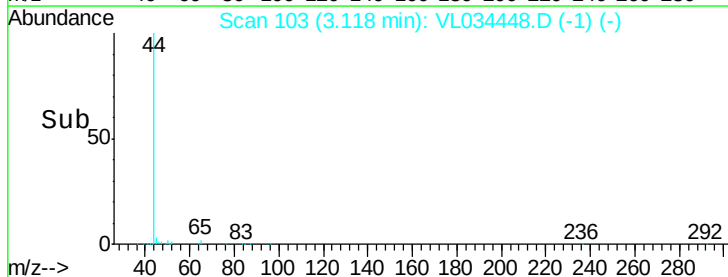
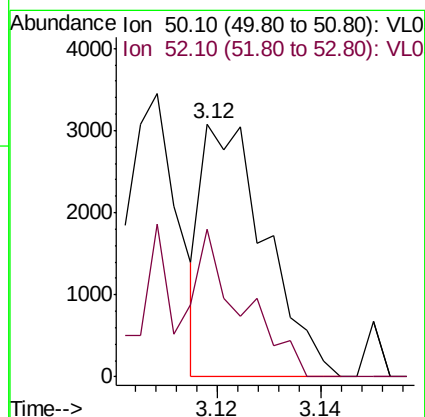
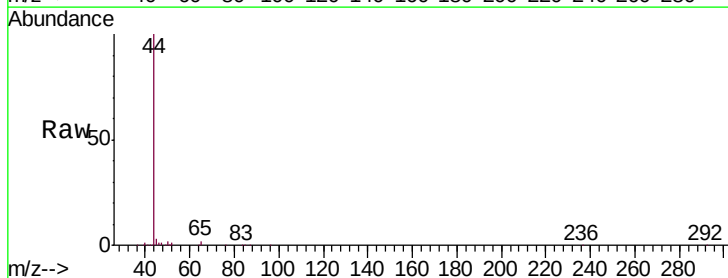
Acq: 3 Dec 2019 5:13

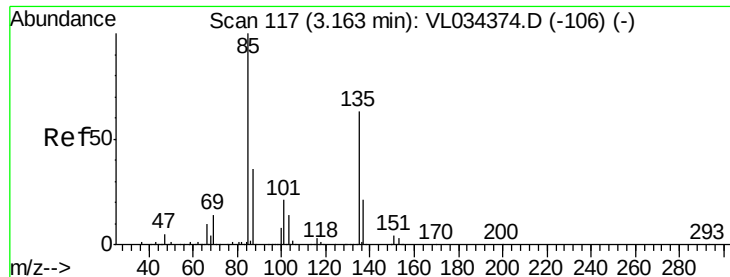
Tgt Ion: 50 Resp: 2646

Ion Ratio Lower Upper

50 100

52 53.7 26.8 40.2#





#8

Dichlorotetrafluoroethane

Concen: 2.995 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.14 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Instrument :

MSVOA_L

ClientSampleId :

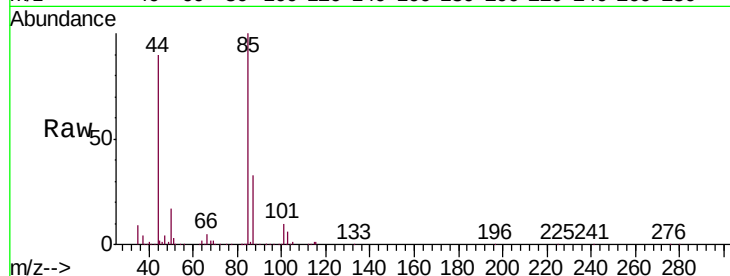
SV-1A

Tgt Ion: 85 Resp: 354880

Ion Ratio Lower Upper

85 100

135 0.6 51.1 76.7#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): VL0

3.02

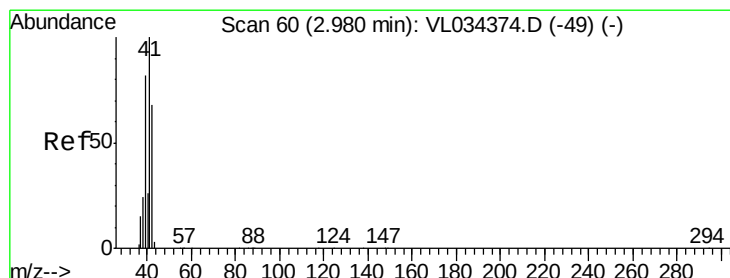
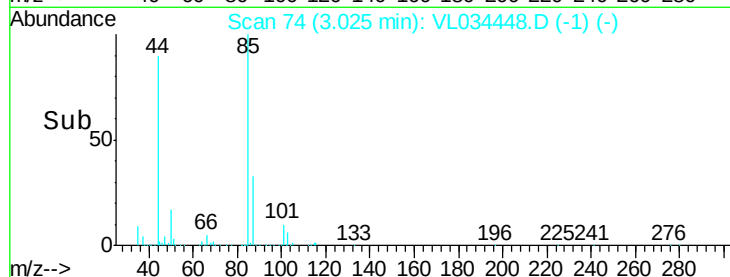
300000

200000

100000

0

Time-->



#9

Propene

Concen: 0.209 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.01 min

Lab File: VL034448.D

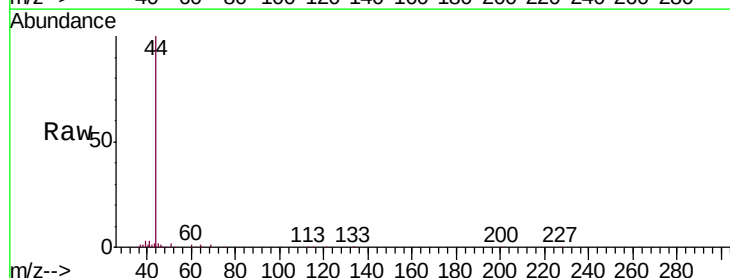
Acq: 3 Dec 2019 5:13

Tgt Ion: 41 Resp: 8433

Ion Ratio Lower Upper

41 100

42 115.6 54.6 82.0#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

2.99

12000

10000

8000

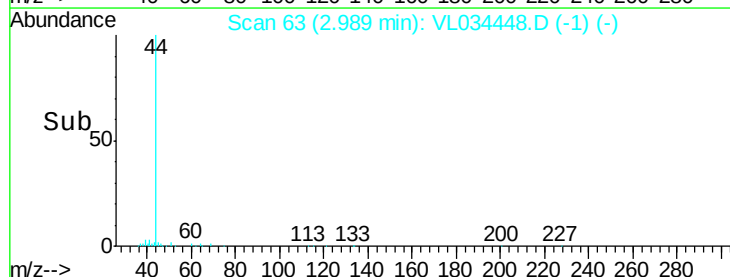
6000

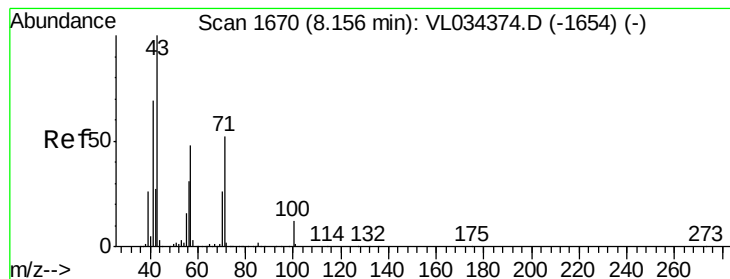
4000

2000

0

Time-->





#10

Heptane

Concen: 1.471 ppbv

RT: 8.16 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Instrument :

MSVOA_L

ClientSampleId :

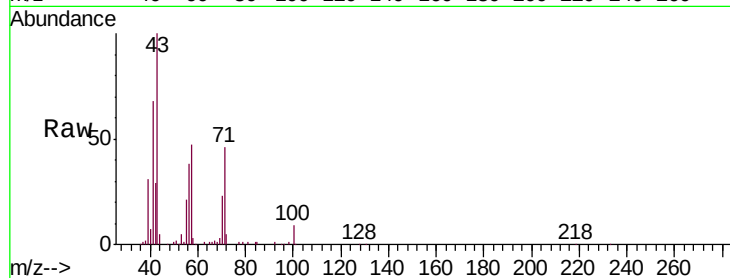
SV-1A

Tgt Ion: 43 Resp: 153343

Ion Ratio Lower Upper

43 100

57 49.1 40.2 60.2

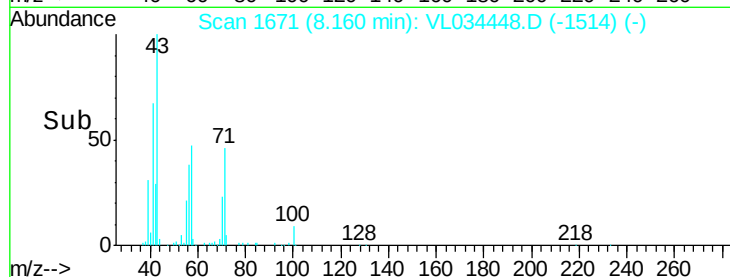


Abundance Ion 43.10 (42.80 to 43.80): VL0

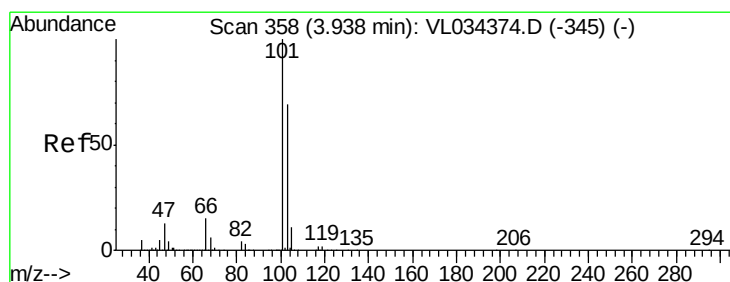
Ion 57.10 (56.80 to 57.80): VL0

8.16

Time-->



Time-->



#11

Trichlorofluoromethane

Concen: 0.359 ppbv

RT: 3.94 min Scan# 359

Delta R.T. 0.00 min

Lab File: VL034448.D

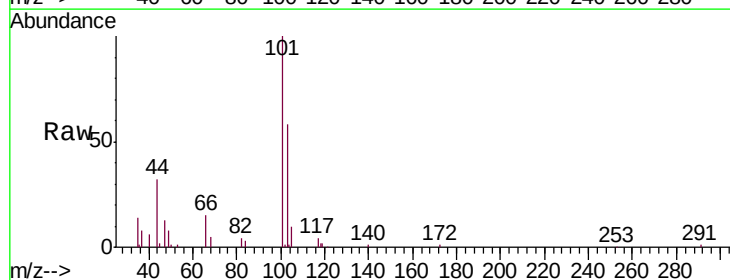
Acq: 3 Dec 2019 5:13

Tgt Ion: 101 Resp: 47203

Ion Ratio Lower Upper

101 100

103 58.0 55.4 83.0

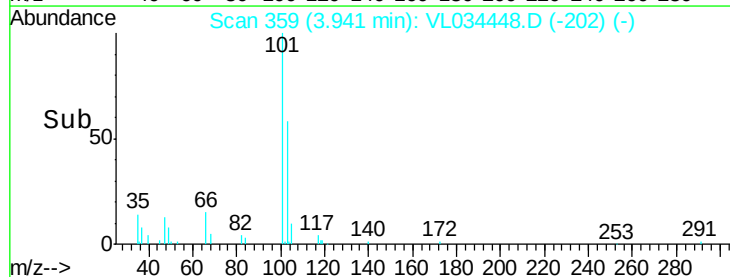


Abundance Ion 101.00 (100.70 to 101.70): V

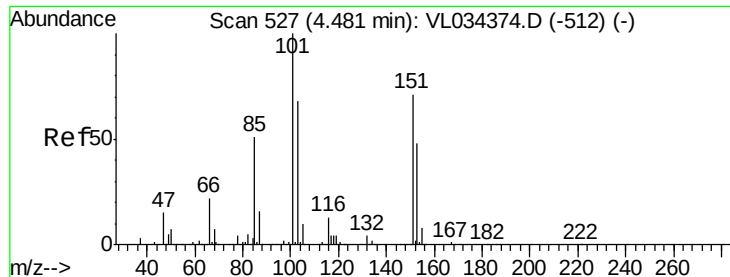
Ion 103.00 (102.70 to 103.70): V

3.94

Time-->



Time-->



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.033 ppbv

RT: 4.48 min Scan# 527

Delta R.T. 0.00 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Instrument :

MSVOA_L

ClientSampleId :

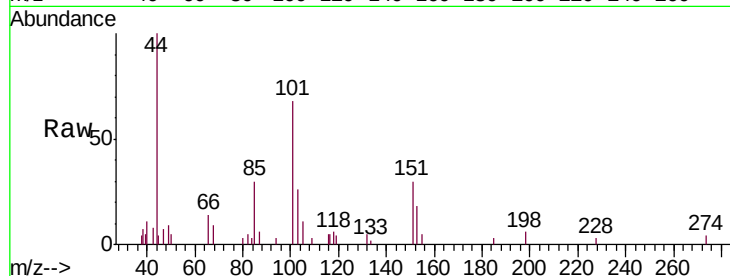
SV-1A

Tgt Ion:101 Resp: 2857

Ion Ratio Lower Upper

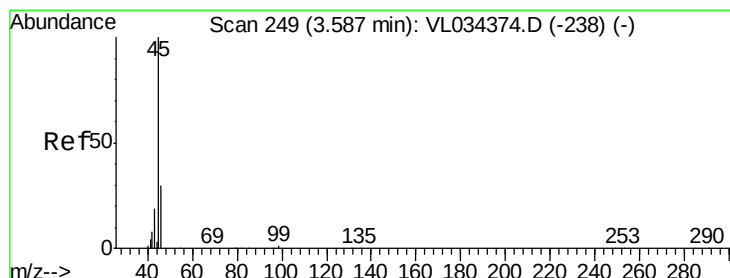
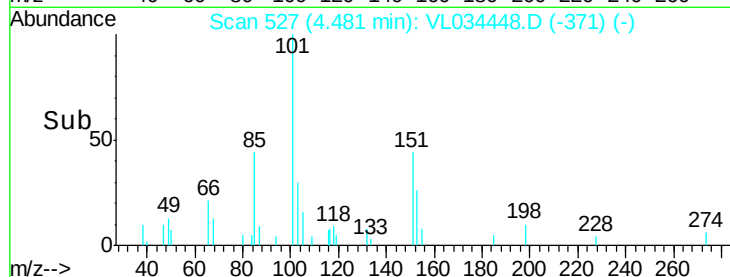
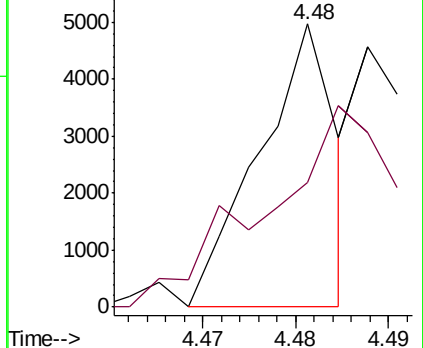
101 100

151 0.0 57.4 86.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 0.030 ppbv

RT: 3.57 min Scan# 244

Delta R.T. -0.02 min

Lab File: VL034448.D

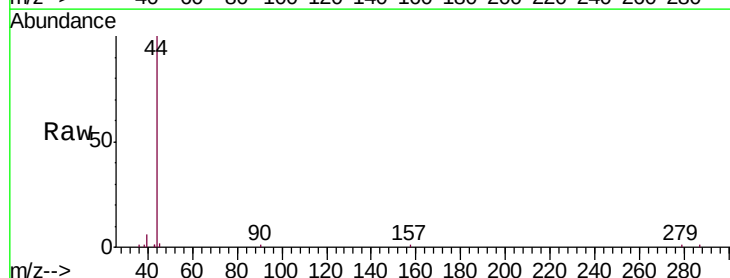
Acq: 3 Dec 2019 5:13

Tgt Ion: 45 Resp: 338

Ion Ratio Lower Upper

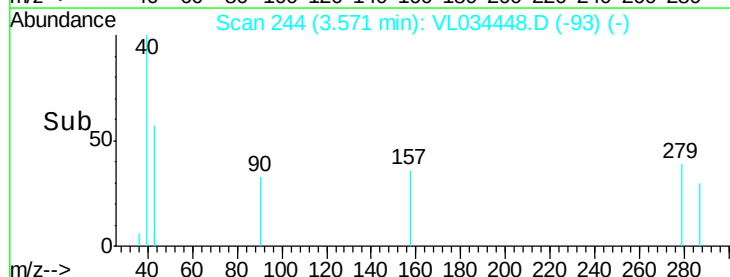
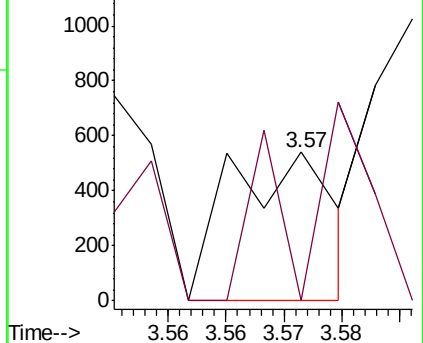
45 100

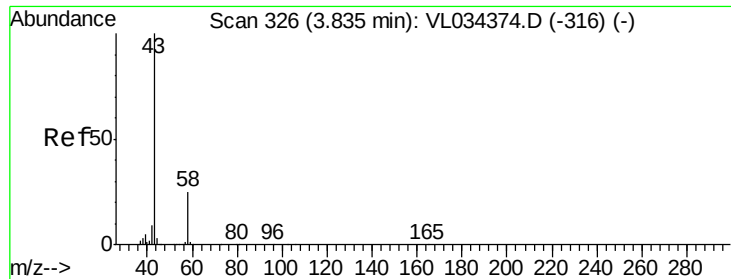
46 0.0 13.8 55.4#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

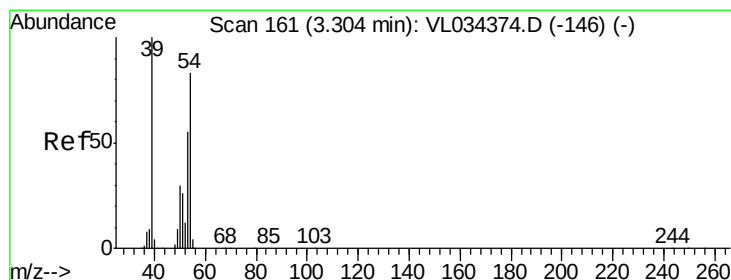
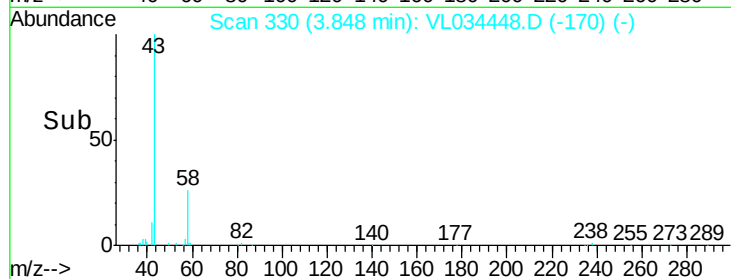
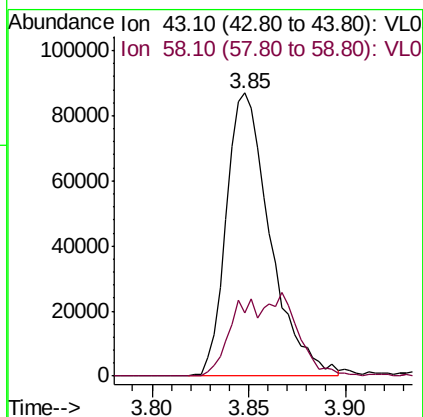
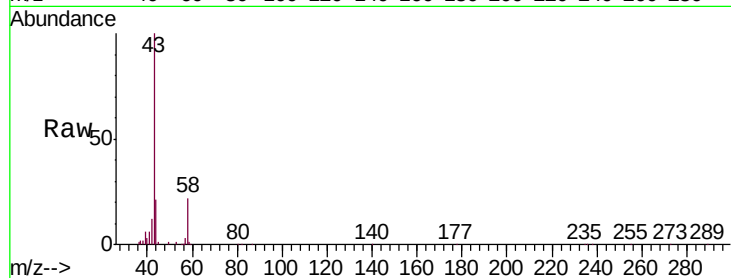




#15
Acetone
Concen: 1.314 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL034448.D
Acq: 3 Dec 2019 5:13

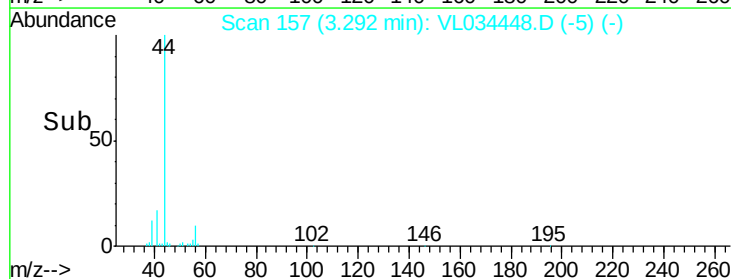
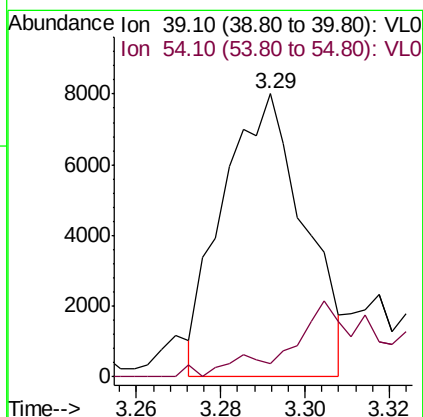
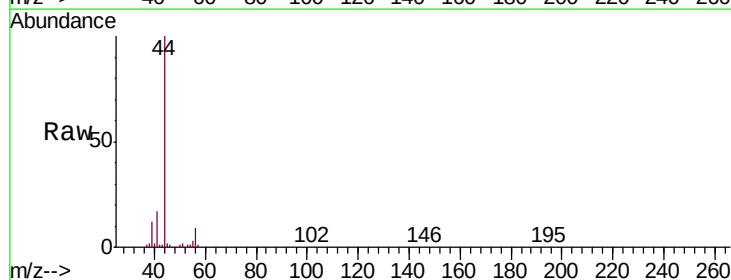
Instrument :
MSVOA_L
ClientSampleId :
SV-1A

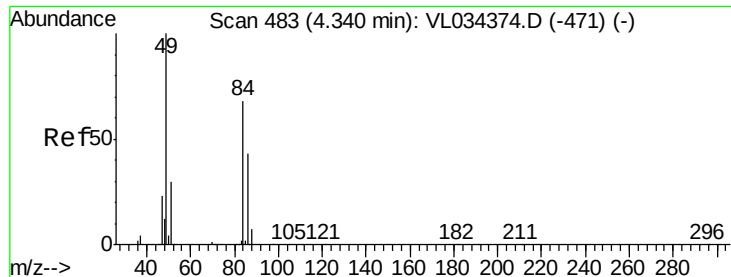
Tgt Ion: 43 Resp: 137269
Ion Ratio Lower Upper
43 100
58 40.4 20.2 30.4#



#16
1,3-Butadiene
Concen: 0.235 ppbv
RT: 3.29 min Scan# 157
Delta R.T. -0.01 min
Lab File: VL034448.D
Acq: 3 Dec 2019 5:13

Tgt Ion: 39 Resp: 10710
Ion Ratio Lower Upper
39 100
54 28.7 64.7 97.1#

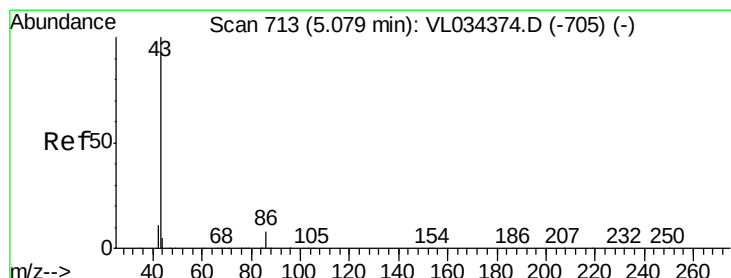
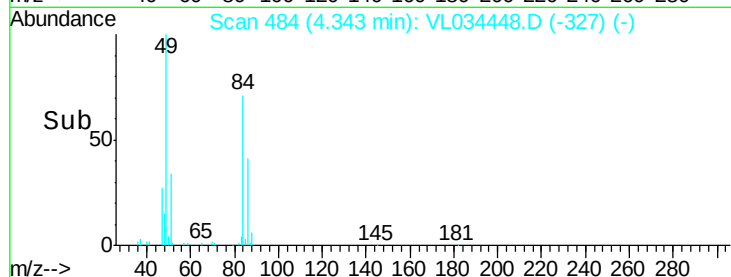
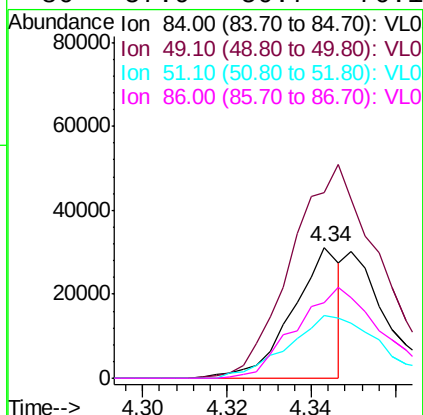
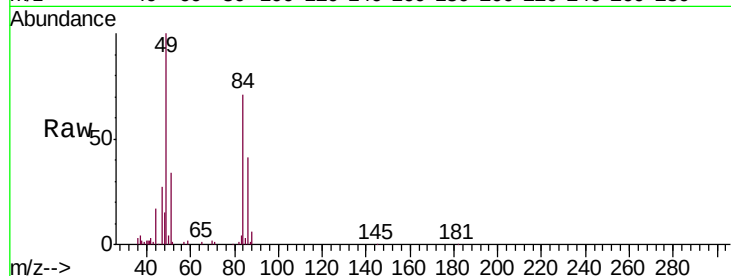




#20
Methylene Chloride
Concen: 0.663 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL034448.D
Acq: 3 Dec 2019 5:13

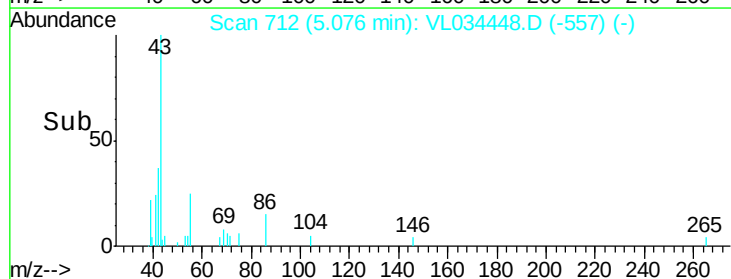
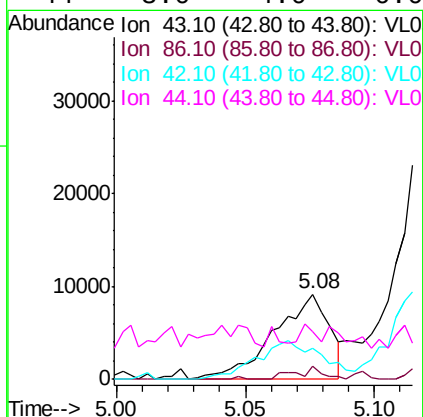
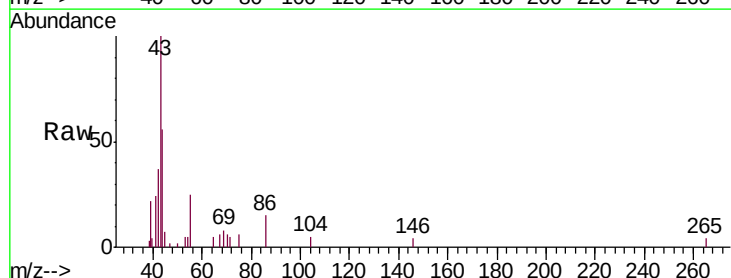
Instrument :
MSVOA_L
ClientSampleId :
SV-1A

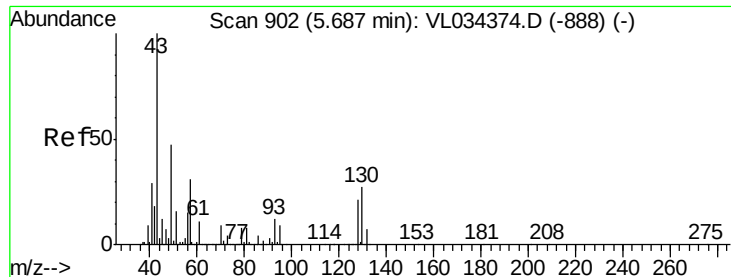
Tgt Ion:	84	Resp:	24565
Ion	Ratio	Lower	Upper
84	100		
49	141.3	116.8	175.2
51	48.0	35.6	53.4
86	57.9	50.7	76.1



#23
Vinyl Acetate
Concen: 0.099 ppbv
RT: 5.08 min Scan# 712
Delta R.T. -0.00 min
Lab File: VL034448.D
Acq: 3 Dec 2019 5:13

Tgt Ion:	43	Resp:	13522
Ion	Ratio	Lower	Upper
43	100		
86	15.3	5.8	8.6#
42	36.6	8.9	13.3#
44	3.0	4.0	6.0#

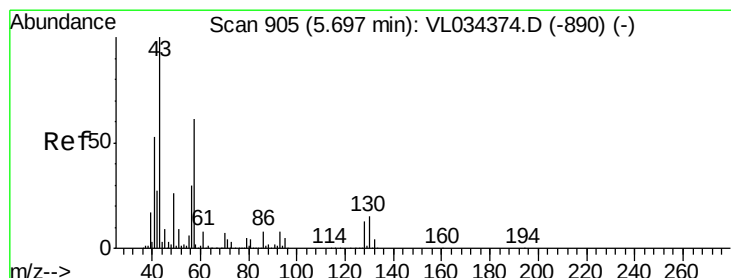
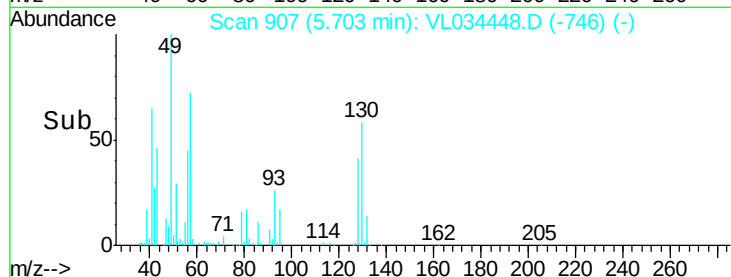
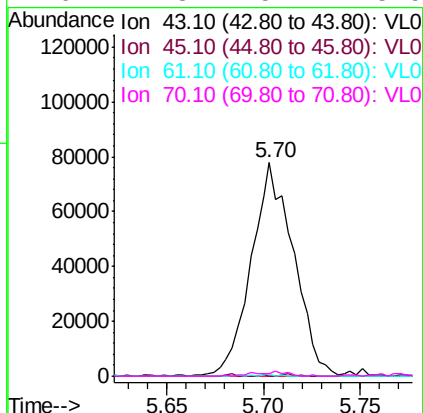
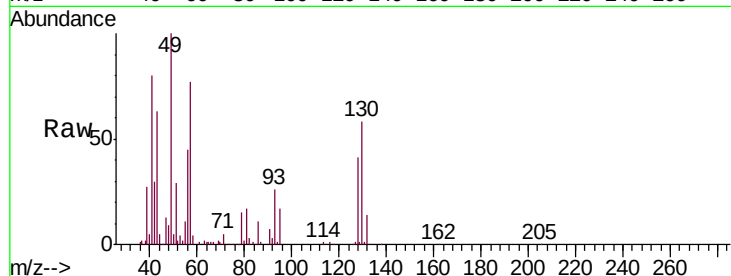




#25
Ethyl Acetate
Concen: 0.635 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL034448.D
Acq: 3 Dec 2019 5:13

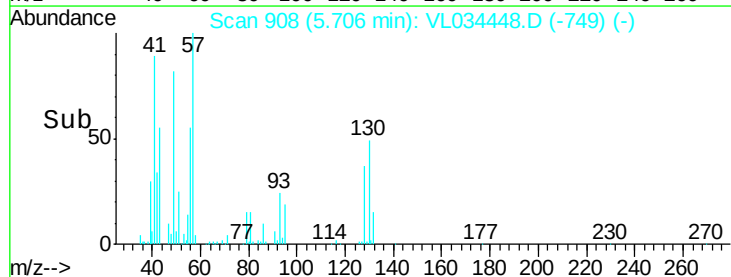
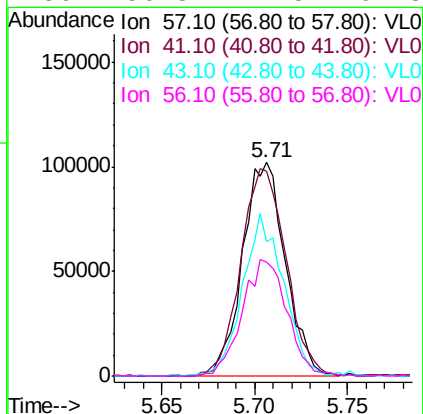
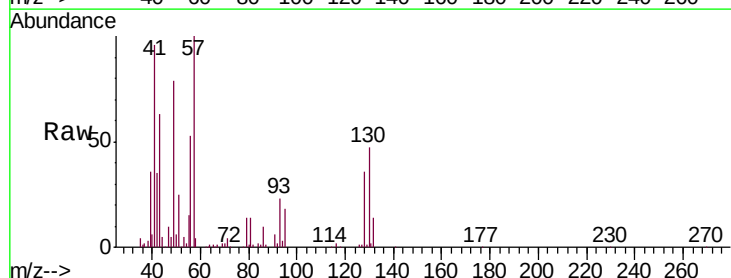
Instrument :
MSVOA_L
ClientSampleId :
SV-1A

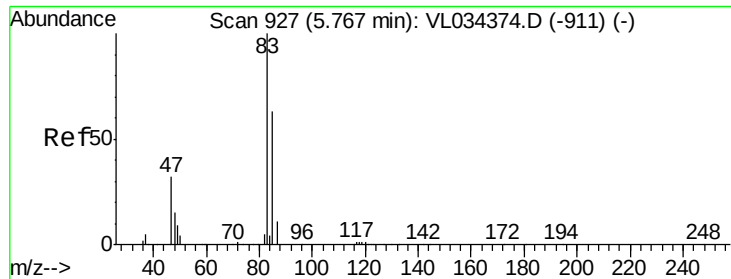
Tgt Ion:	43	Resp:	118363
Ion	Ratio	Lower	Upper
43	100		
45	0.7	8.2	12.4#
61	0.0	7.5	11.3#
70	1.8	5.7	8.5#



#26
Hexane
Concen: 2.040 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL034448.D
Acq: 3 Dec 2019 5:13

Tgt Ion:	57	Resp:	163407
Ion	Ratio	Lower	Upper
57	100		
41	102.9	75.0	112.4
43	73.5	186.6	279.8#
56	56.8	41.5	62.3

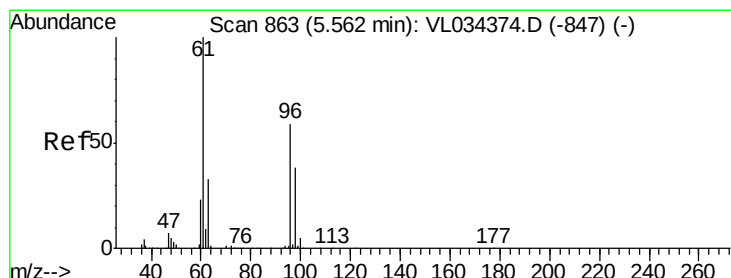
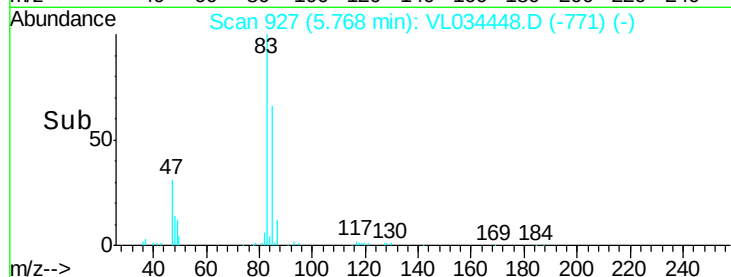
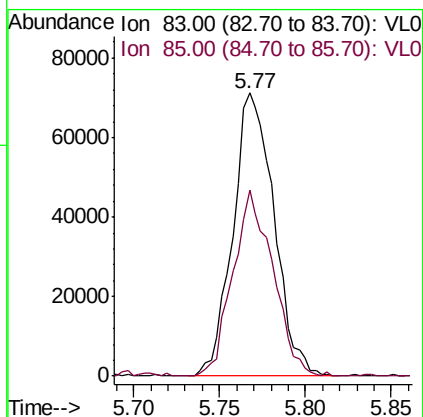
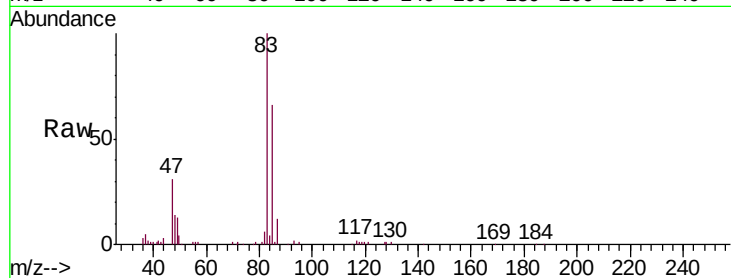




#29
Chloroform
Concen: 0.911 ppbv
RT: 5.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VL034448.D
Acq: 3 Dec 2019 5:13

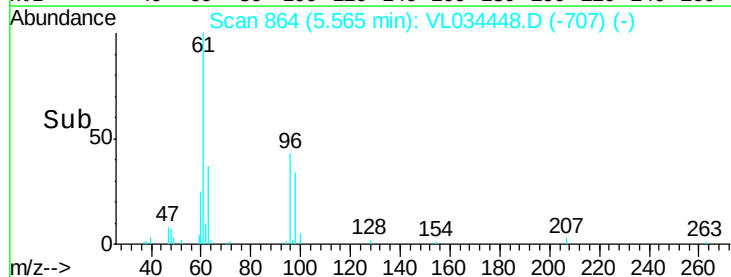
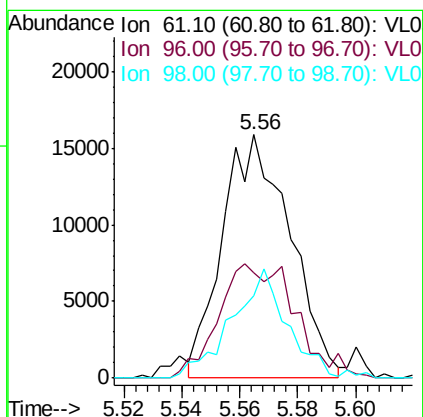
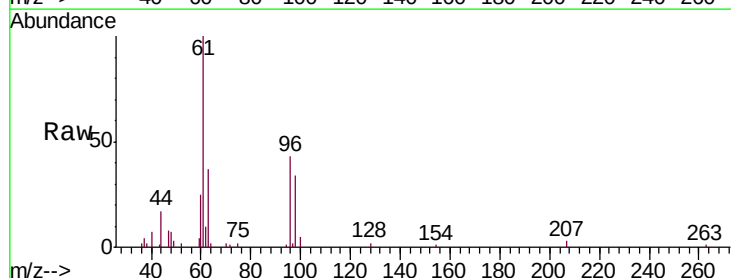
Instrument :
MSVOA_L
ClientSampleId :
SV-1A

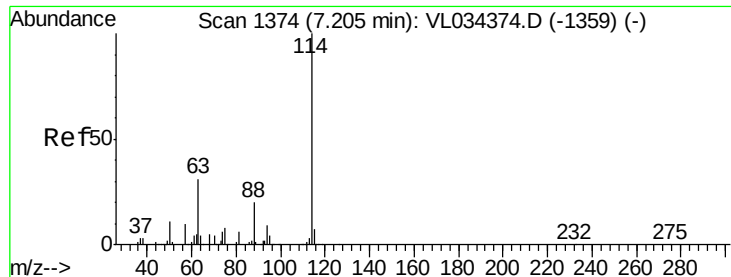
Tgt Ion: 83 Resp: 118183
Ion Ratio Lower Upper
83 100
85 65.6 50.4 75.6



#31
cis-1,2-Dichloroethene
Concen: 0.311 ppbv
RT: 5.56 min Scan# 864
Delta R.T. 0.00 min
Lab File: VL034448.D
Acq: 3 Dec 2019 5:13

Tgt Ion: 61 Resp: 25711
Ion Ratio Lower Upper
61 100
96 33.2 47.4 71.2#
98 31.1 30.6 45.8

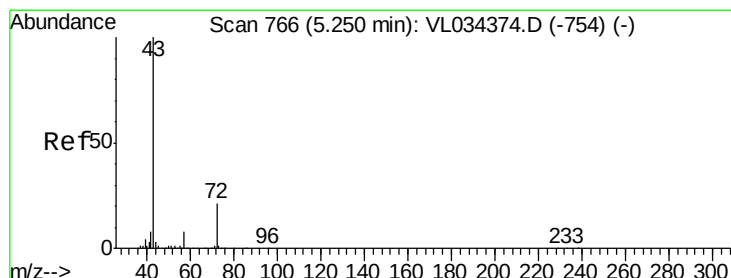
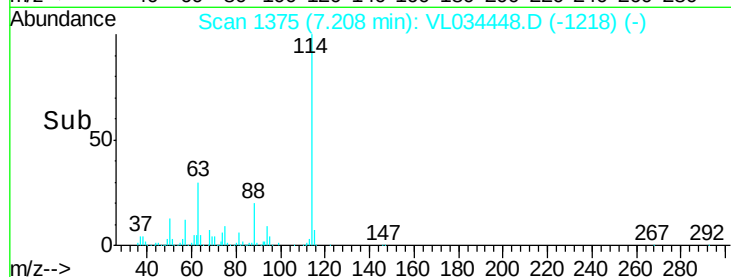
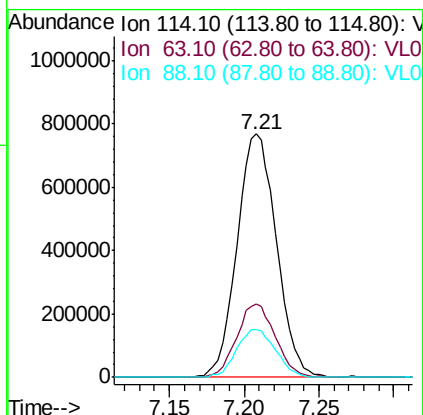
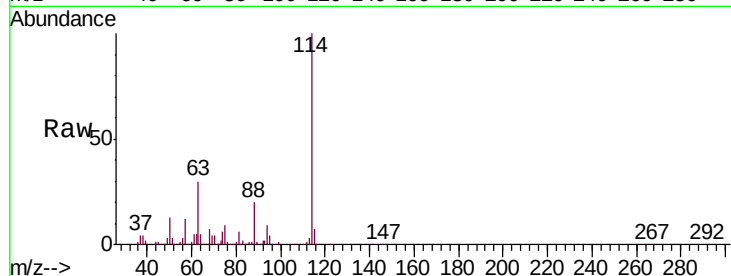




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: VL034448.D
 Acq: 3 Dec 2019 5:13

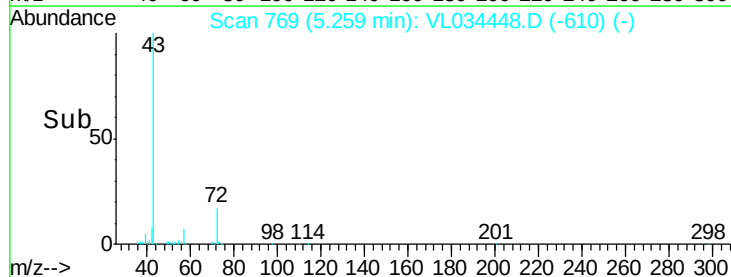
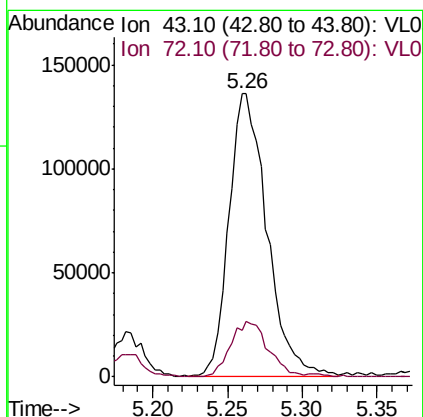
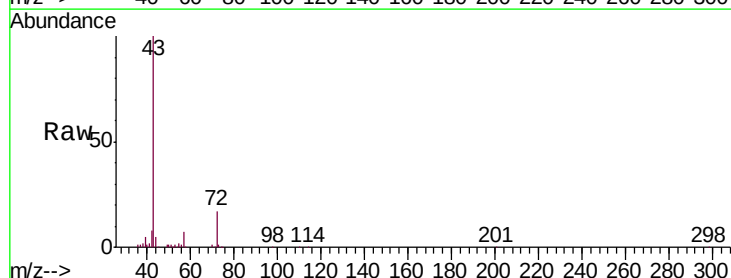
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1A

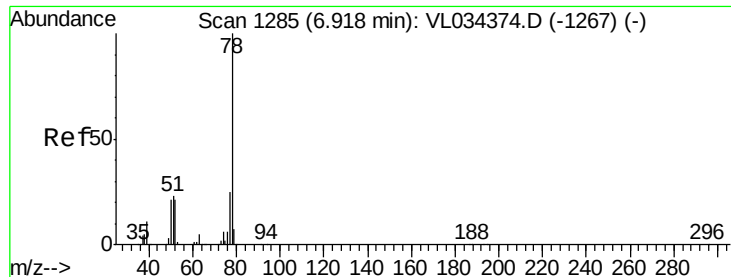
Tgt Ion: 114 Resp: 1404647
 Ion Ratio Lower Upper
 114 100
 63 29.8 24.2 36.4
 88 19.7 15.9 23.9



#34
 2-Butanone
 Concen: 2.071 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VL034448.D
 Acq: 3 Dec 2019 5:13

Tgt Ion: 43 Resp: 239495
 Ion Ratio Lower Upper
 43 100
 72 20.1 17.0 25.6





#36

Benzene

Concen: 0.107 ppbv

RT: 6.92 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Instrument :

MSVOA_L

ClientSampleId :

SV-1A

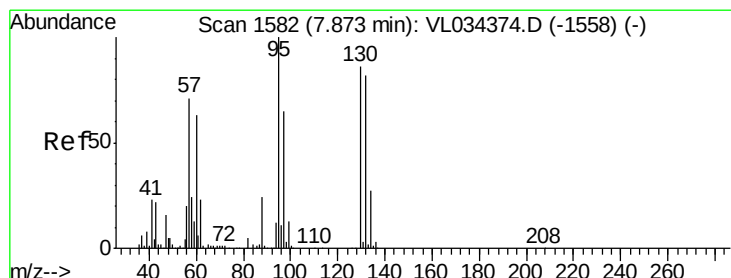
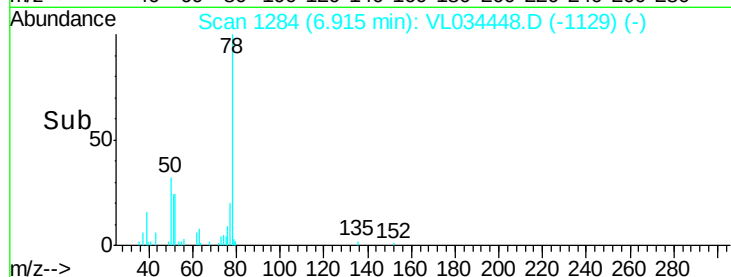
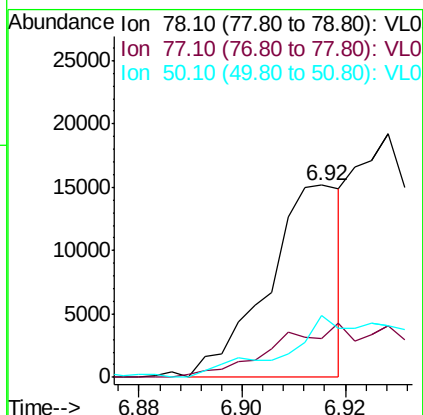
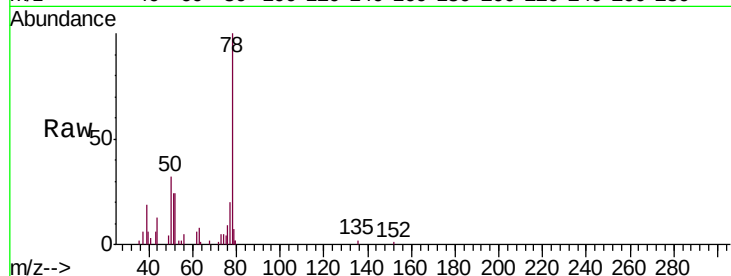
Tgt Ion: 78 Resp: 15043

Ion Ratio Lower Upper

78 100

77 17.4 20.2 30.4#

50 30.2 17.1 25.7#



#38

Trichloroethene

Concen: 3.743 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Tgt Ion: 130 Resp: 215680

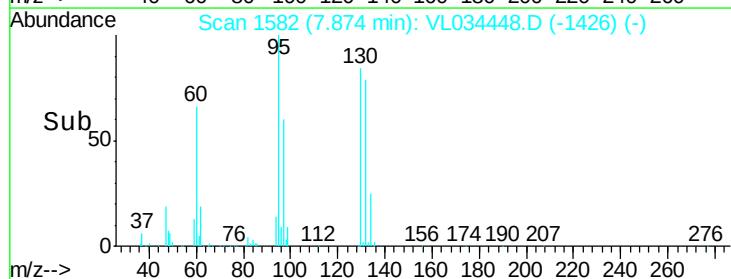
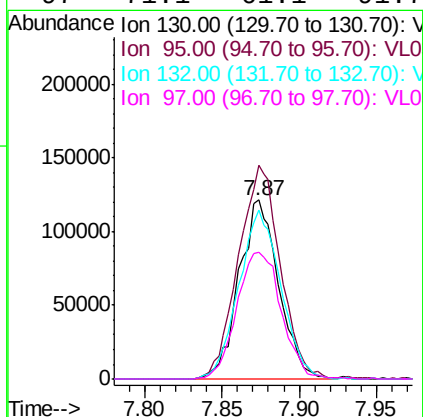
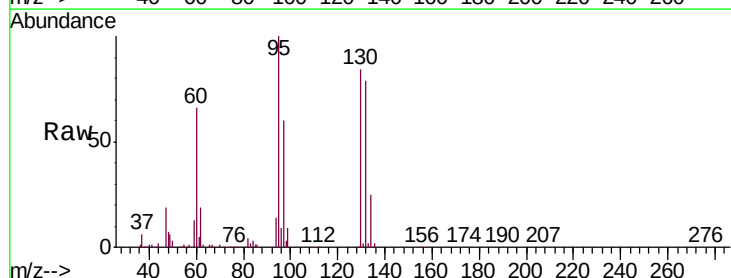
Ion Ratio Lower Upper

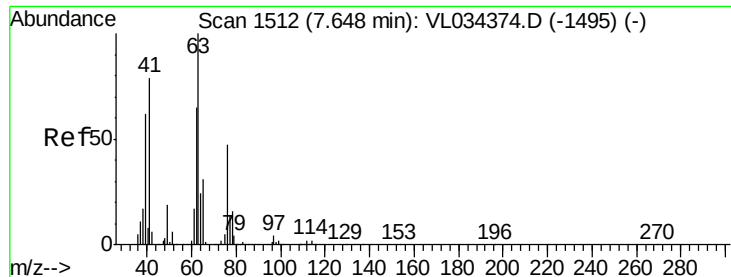
130 100

95 119.2 93.4 140.0

132 94.4 76.4 114.6

97 71.1 61.1 91.7





#39

1,2-Dichloropropane

Concen: 7.675 ppbv

RT: 7.21 min Scan# 1375

Delta R.T. -0.44 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Instrument :

MSVOA_L

ClientSampleId :

SV-1A

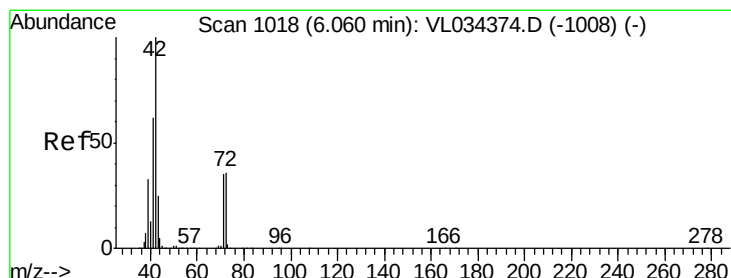
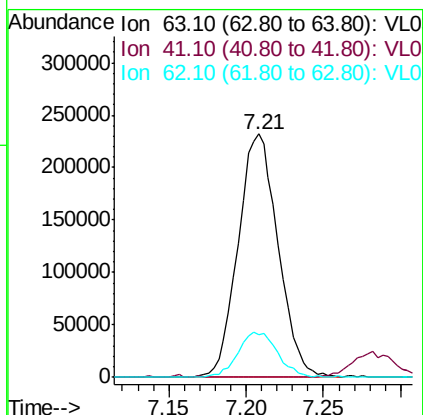
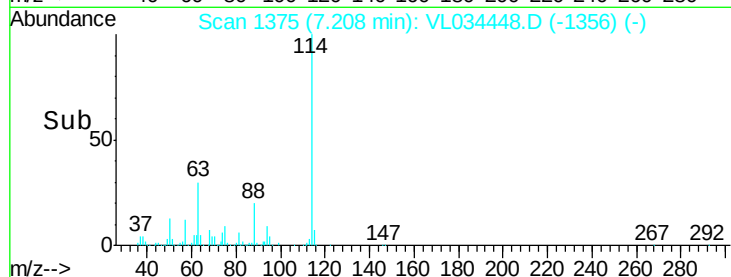
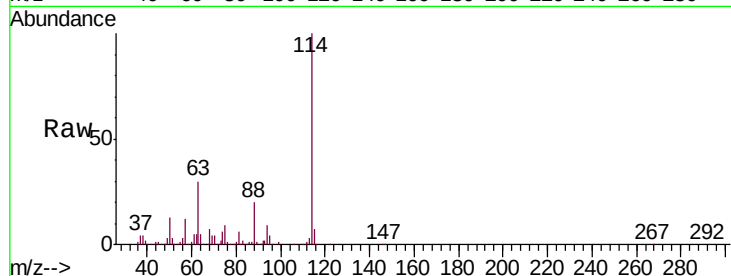
Tgt Ion: 63 Resp: 415178

Ion Ratio Lower Upper

63 100

41 0.0 63.1 94.7#

62 17.7 52.3 78.5#



#41

Tetrahydrofuran

Concen: 0.034 ppbv

RT: 6.33 min Scan# 1101

Delta R.T. 0.27 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

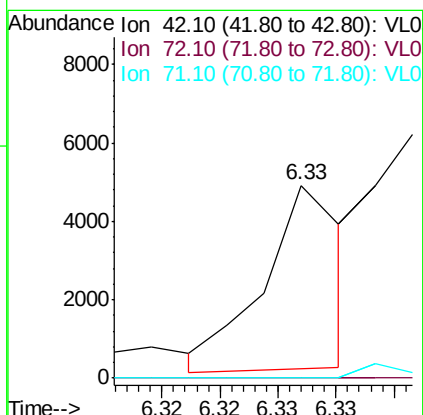
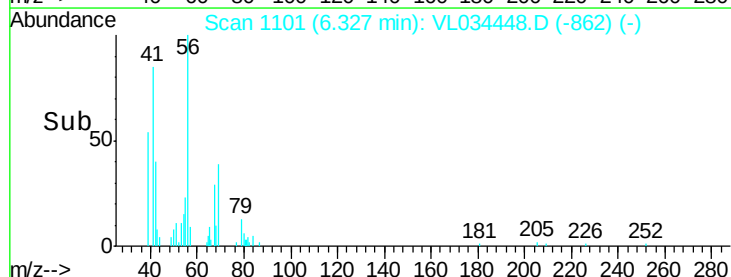
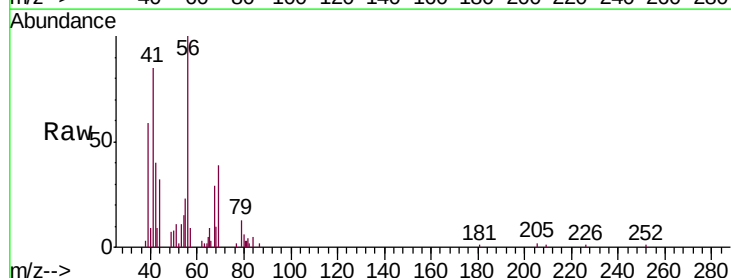
Tgt Ion: 42 Resp: 2218

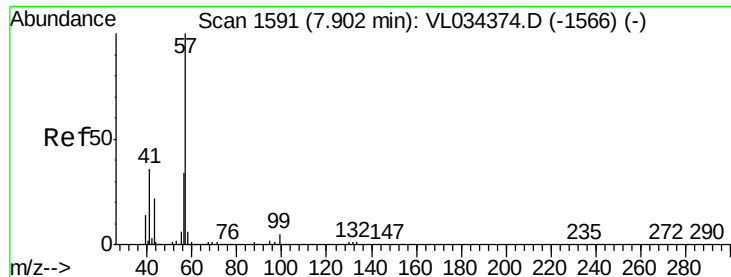
Ion Ratio Lower Upper

42 100

72 11.0 30.2 45.4#

71 0.0 29.4 44.2#





#44

2,2,4-Trimethylpentane

Concen: 0.044 ppbv

RT: 7.90 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Instrument :

MSVOA_L

ClientSampleId :

SV-1A

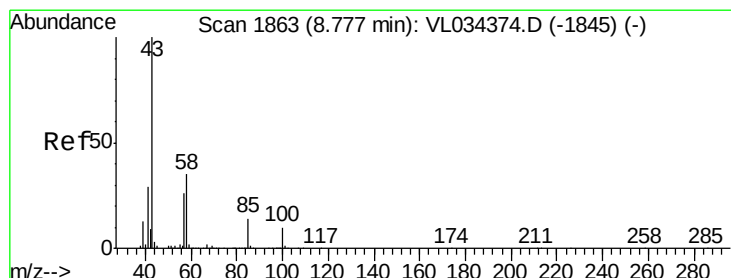
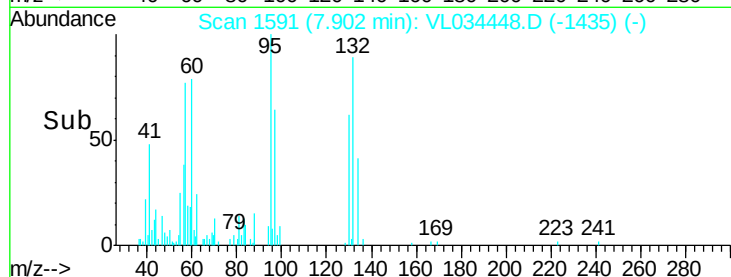
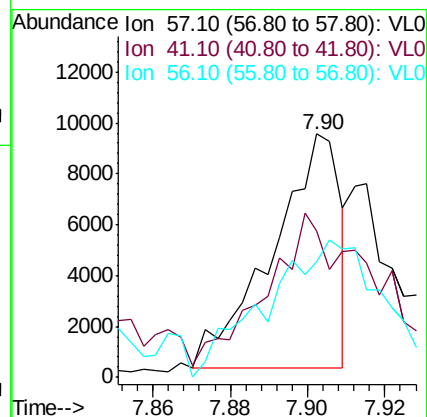
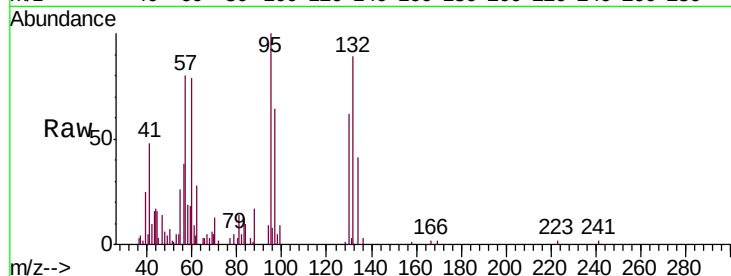
Tgt Ion: 57 Resp: 11224

Ion Ratio Lower Upper

57 100

41 120.6 28.6 42.8#

56 102.3 25.3 37.9#



#50

4-Methyl-2-Pentanone

Concen: 0.046 ppbv

RT: 8.80 min Scan# 1870

Delta R.T. 0.02 min

Lab File: VL034448.D

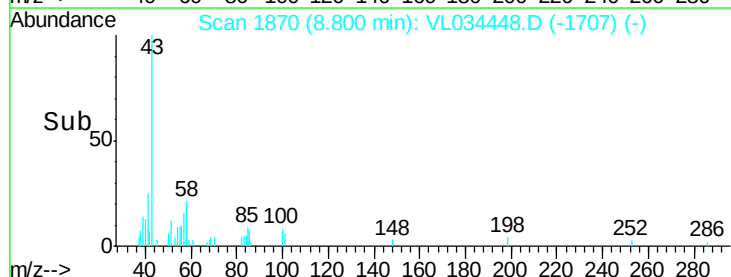
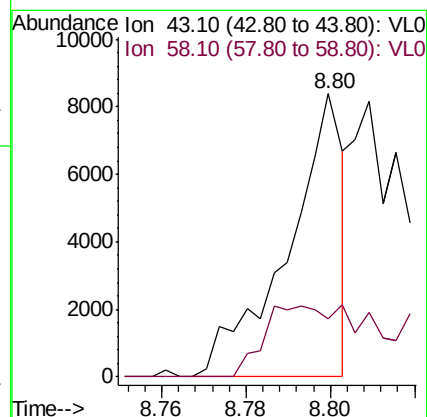
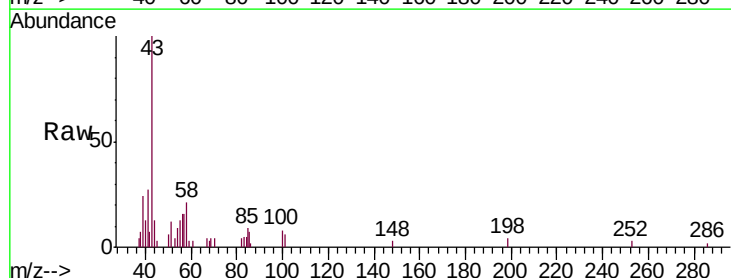
Acq: 3 Dec 2019 5:13

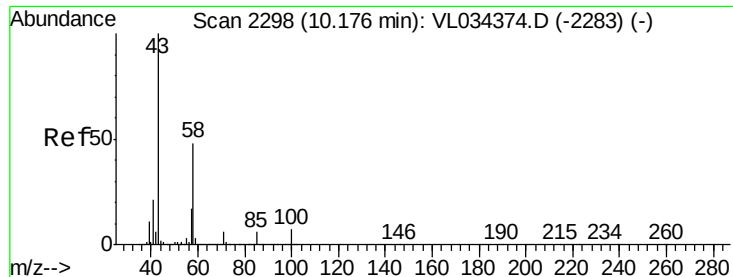
Tgt Ion: 43 Resp: 7694

Ion Ratio Lower Upper

43 100

58 62.8 27.9 41.9#





#51

2-Hexanone

Concen: 0.625 ppbv

RT: 10.20 min Scan# 2305

Delta R.T. 0.02 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Instrument :

MSVOA_L

ClientSampleId :

SV-1A

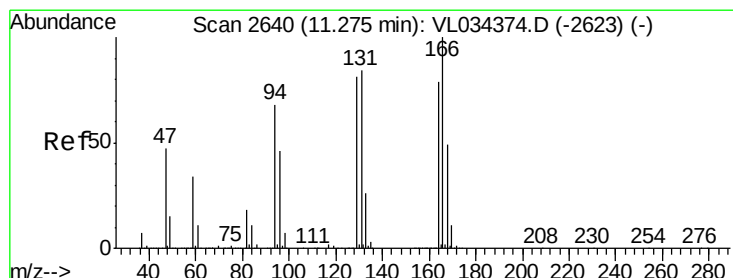
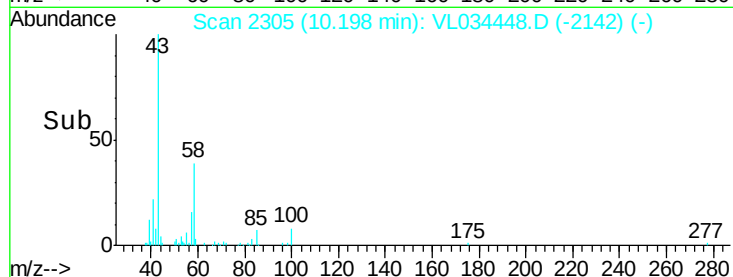
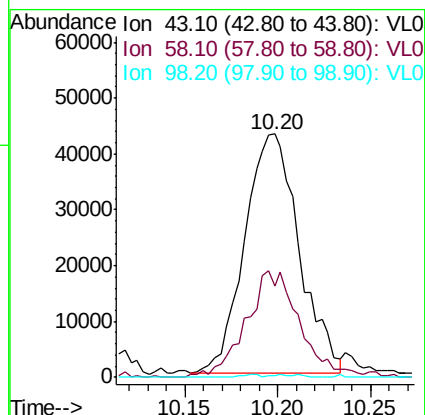
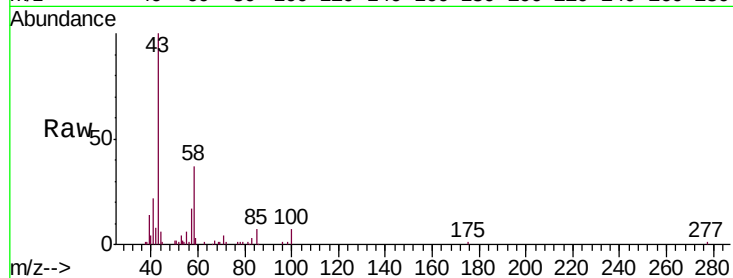
Tgt Ion: 43 Resp: 87508

Ion Ratio Lower Upper

43 100

58 44.3 38.2 57.4

98 1.0 0.2 0.2#



#52

Tetrachloroethene

Concen: 95.558 ppbv

RT: 11.29 min Scan# 2646

Delta R.T. 0.02 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Tgt Ion: 164 Resp: 5805503

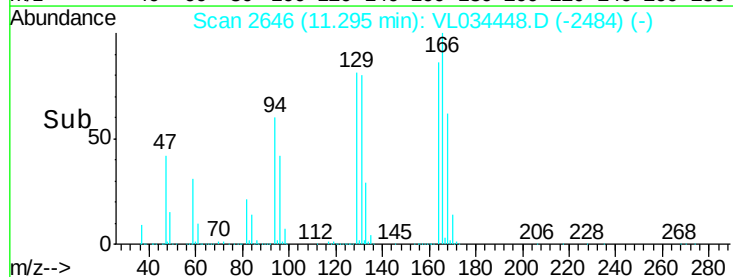
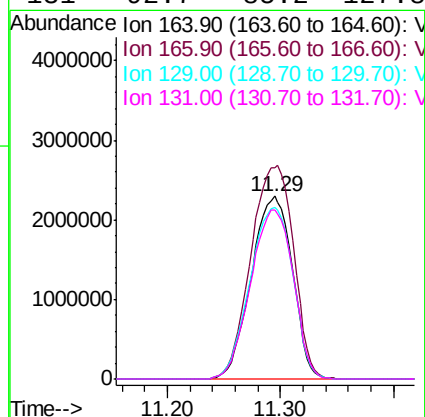
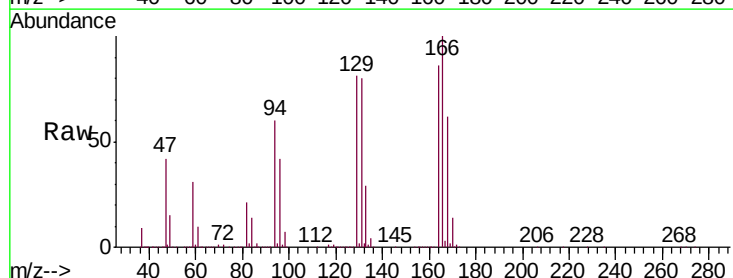
Ion Ratio Lower Upper

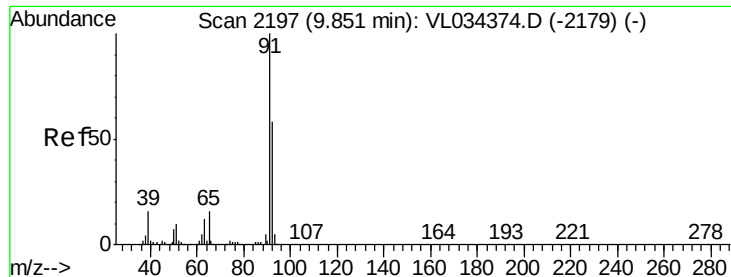
164 100

166 115.7 101.7 152.5

129 94.0 82.6 123.8

131 92.7 85.2 127.8





#53

Toluene

Concen: 2.478 ppbv

RT: 9.85 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Instrument :

MSVOA_L

ClientSampleId :

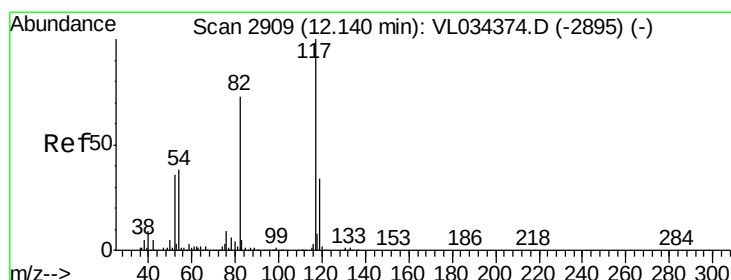
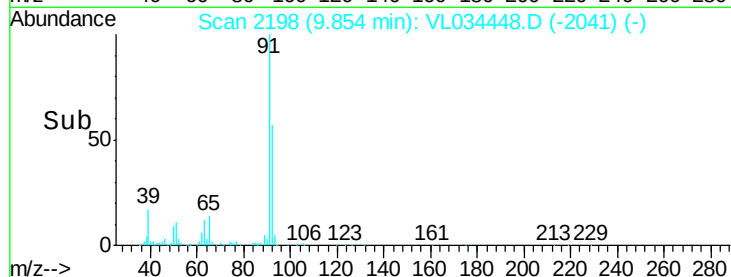
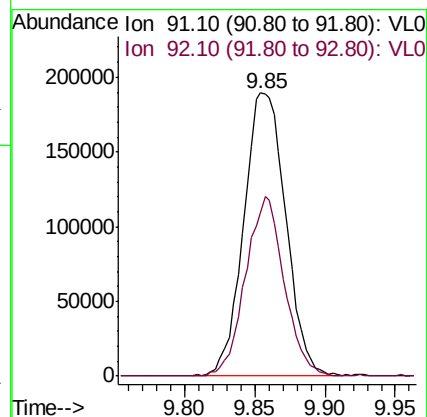
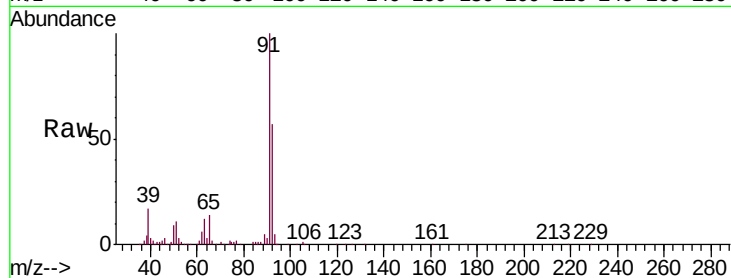
SV-1A

Tgt Ion: 91 Resp: 395285

Ion Ratio Lower Upper

91 100

92 58.4 47.9 71.9



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.15 min Scan# 2912

Delta R.T. 0.01 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

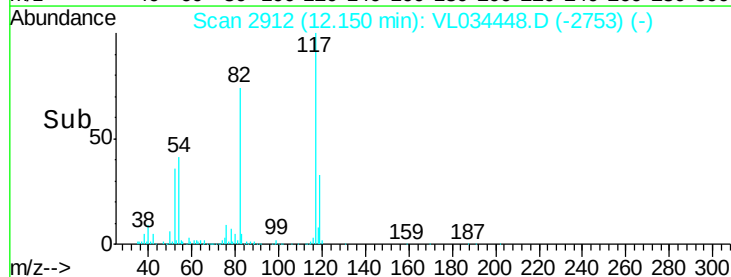
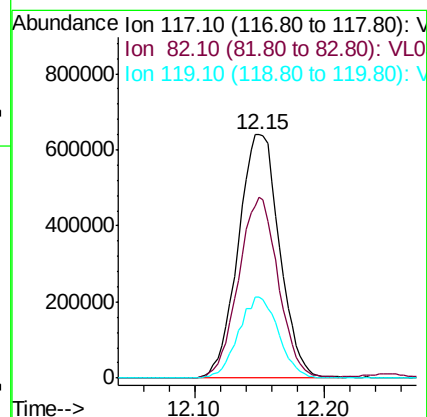
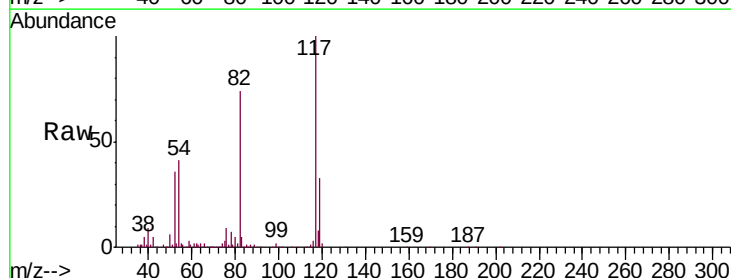
Tgt Ion: 117 Resp: 1419051

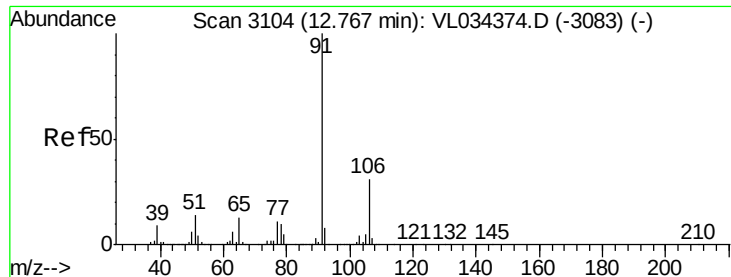
Ion Ratio Lower Upper

117 100

82 71.6 57.5 86.3

119 32.4 25.4 38.2

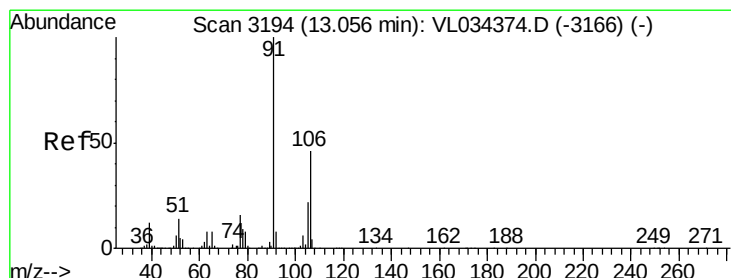
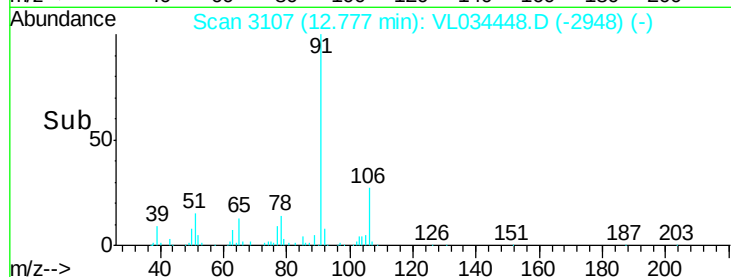
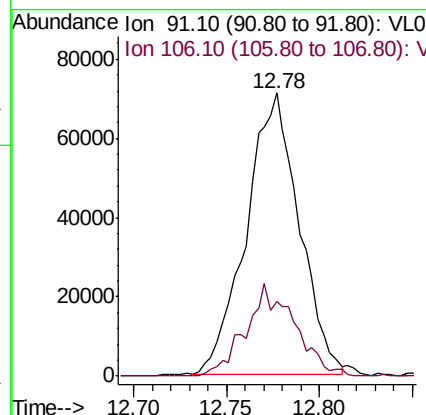
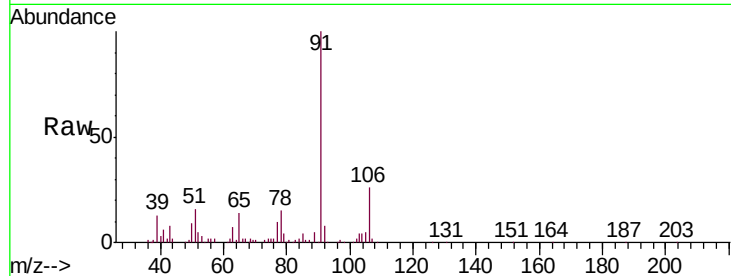




#58
Ethyl Benzene
Concen: 0.638 ppbv
RT: 12.78 min Scan# 3107
Delta R.T. 0.01 min
Lab File: VL034448.D
Acq: 3 Dec 2019 5:13

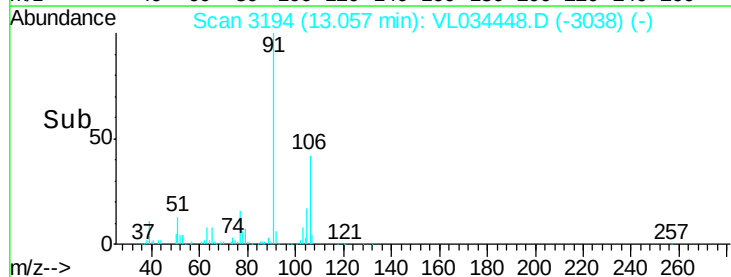
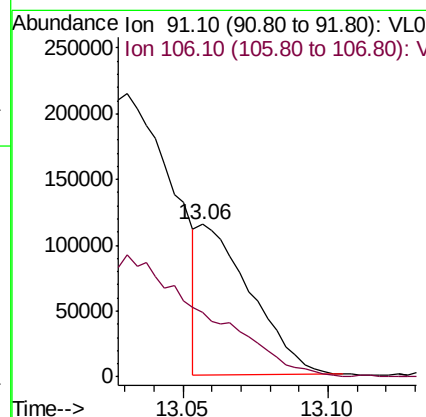
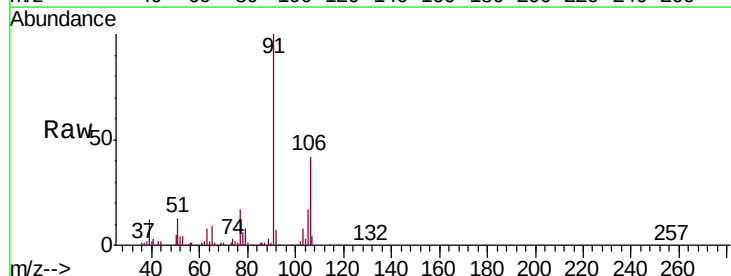
Instrument :
MSVOA_L
ClientSampled :
SV-1A

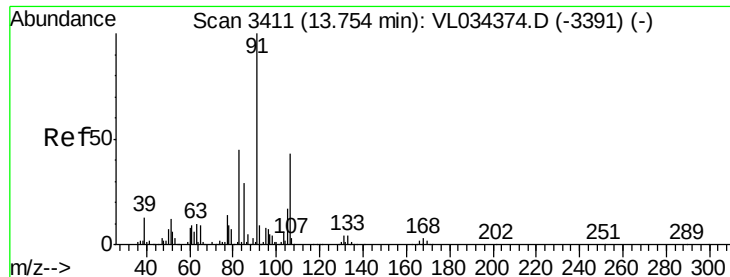
Tgt Ion: 91 Resp: 140529
Ion Ratio Lower Upper
91 100
106 26.6 24.8 37.2



#59
m/p-Xylene
Concen: 0.749 ppbv
RT: 13.06 min Scan# 3194
Delta R.T. 0.00 min
Lab File: VL034448.D
Acq: 3 Dec 2019 5:13

Tgt Ion: 91 Resp: 142572
Ion Ratio Lower Upper
91 100
106 0.0 34.6 51.8#





#60

o-Xylene

Concen: 1.331 ppbv

RT: 13.76 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Instrument :

MSVOA_L

ClientSampleId :

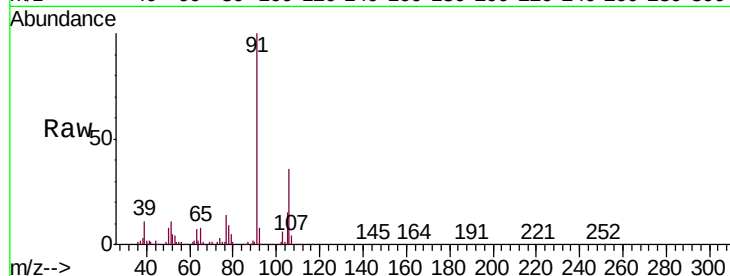
SV-1A

Tgt Ion: 91 Resp: 250437

Ion Ratio Lower Upper

91 100

106 39.4 21.3 64.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

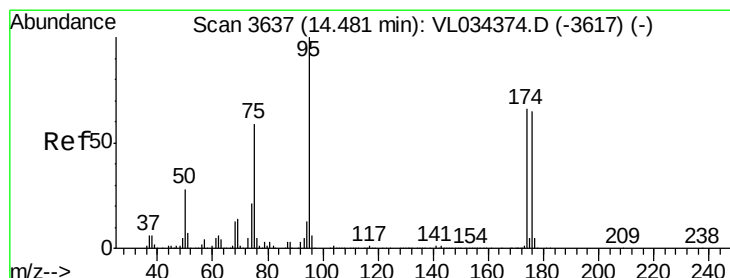
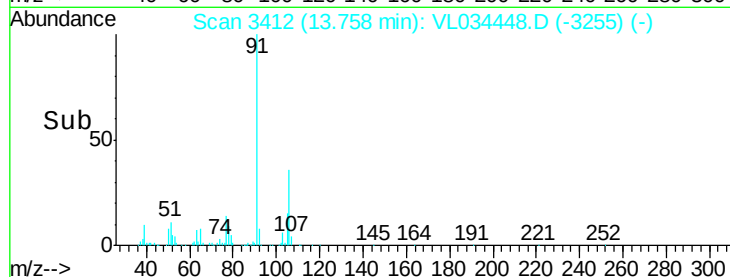
13.76

100000

50000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.352 ppbv

RT: 14.48 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

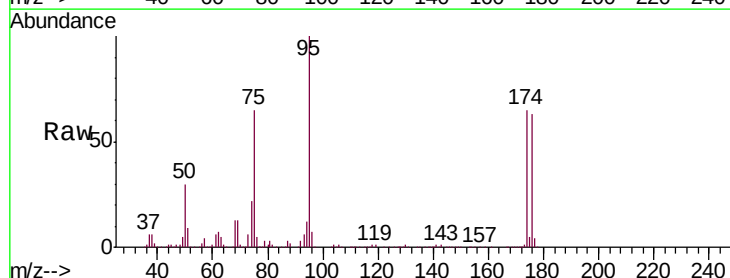
Tgt Ion: 95 Resp: 1235807

Ion Ratio Lower Upper

95 100

174 64.6 52.2 78.2

175 4.5 3.8 5.8



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

14.48

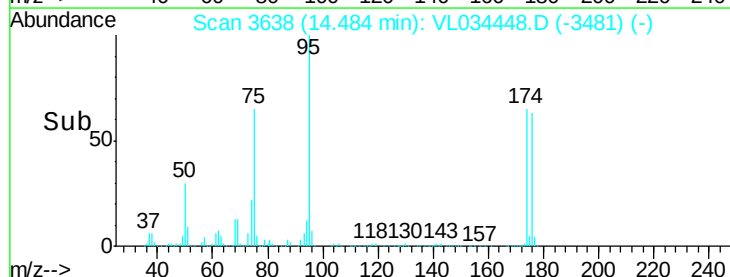
600000

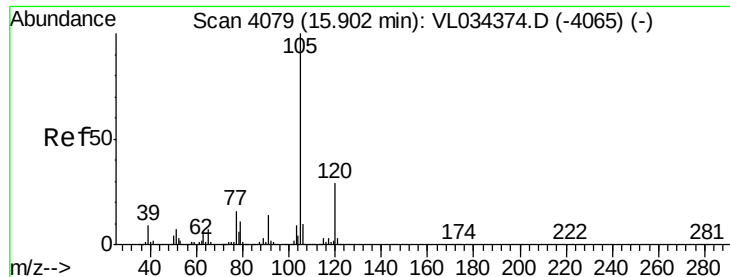
400000

200000

0

Time-->





#72

4-Ethyltoluene

Concen: 0.113 ppbv

RT: 15.91 min Scan# 4083

Delta R.T. 0.01 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Instrument :

MSVOA_L

ClientSampleId :

SV-1A

Tgt Ion:105 Resp: 24524

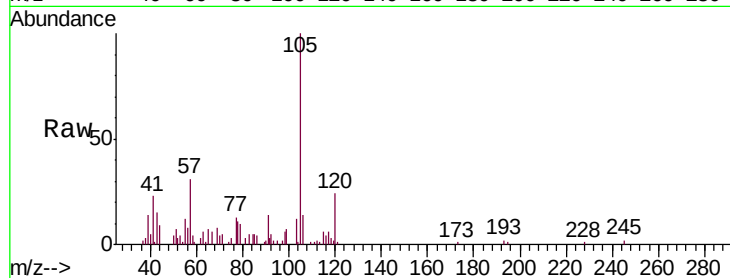
Ion Ratio Lower Upper

105 100

120 39.6 23.5 35.3#

91 29.2 11.4 17.0#

77 27.6 12.6 19.0#



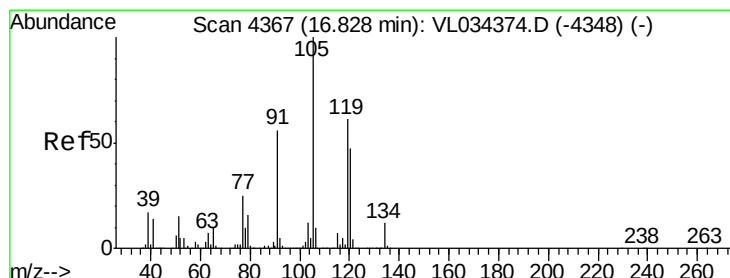
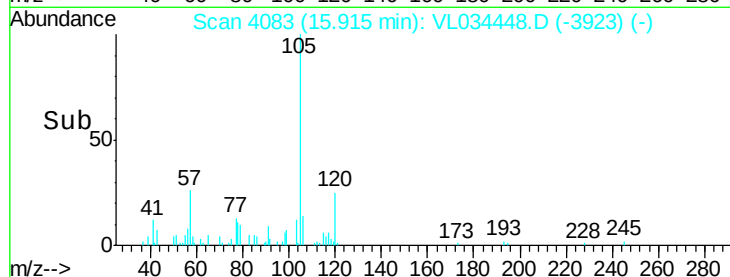
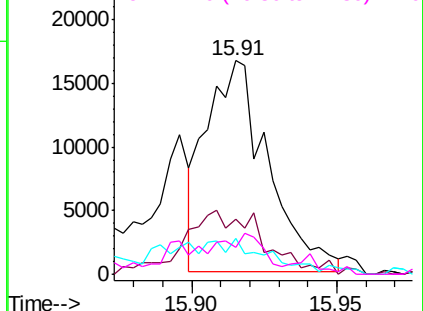
Abundance

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



#74

1,2,4-Trimethylbenzene

Concen: 0.102 ppbv

RT: 16.84 min Scan# 4371

Delta R.T. 0.01 min

Lab File: VL034448.D

Acq: 3 Dec 2019 5:13

Tgt Ion:105 Resp: 23172

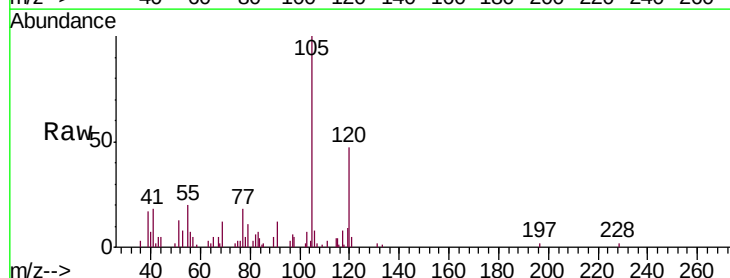
Ion Ratio Lower Upper

105 100

120 46.5 37.4 56.0

91 12.3 46.3 69.5#

77 18.1 20.6 30.8#



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

