

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111919\
 Data File : VL034390.D
 Acq On : 19 Nov 2019 22:16
 Operator : SY/AP
 Sample : K5924-01DUP
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Quant Time: Nov 20 04:06:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 20 03:30:54 2019
 QLast Update : Wed Nov 20 03:30:54 2019
 Response via : Initial Calibration

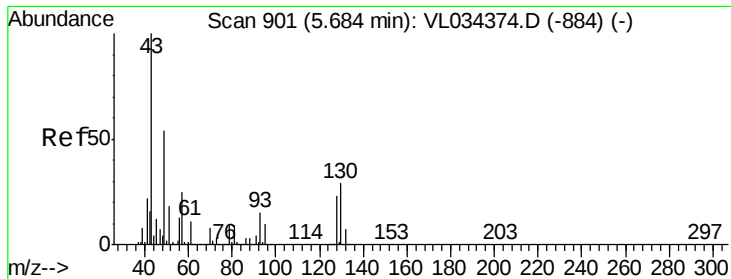
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	969624	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1880731	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1853422	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1551868	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	128788	0.734	ppbv	92
3) Chlorodifluoromethane	2.93	51	176804	1.461	ppbv #	75
4) Chloromethane	3.11	50	27043	0.379	ppbv	100
8) Dichlorotetrafluoroethane	3.02	85	128788	0.818	ppbv #	20
9) Propene	3.18	41	356651	6.640	ppbv	94
11) Trichlorofluoromethane	3.93	101	35495	0.203	ppbv #	80
12) 1,1,2-Trichlorotrifluoroet	4.48	101	5577	0.048	ppbv #	74
13) Ethanol	3.59	45	1670676	106.200	ppbv	95
15) Acetone	3.83	43	816889	5.883	ppbv	99
16) 1,3-Butadiene	3.28	39	15335	0.254	ppbv #	9
17) tert-Butyl alcohol	3.96	59	59415	0.509	ppbv	98
19) Isopropyl Alcohol	3.96	45	1555300	15.402	ppbv	99
20) Methylene Chloride	4.33	84	54871	1.114	ppbv	96
21) Allyl Chloride	4.29	41	2868	0.034	ppbv #	1
22) trans-1,2-Dichloroethene	4.88	96	1909	0.037	ppbv	90
23) Vinyl Acetate	5.07	43	8306	0.046	ppbv #	53
25) Ethyl Acetate	5.69	43	45888	0.185	ppbv #	90
26) Hexane	5.70	57	81480	0.765	ppbv #	48
31) cis-1,2-Dichloroethene	5.56	61	378118	3.437	ppbv	95
34) 2-Butanone	5.26	43	23327	0.151	ppbv #	88
35) Carbon Tetrachloride	7.04	117	8052	0.050	ppbv #	79
36) Benzene	6.92	78	9129	0.049	ppbv #	74
38) Trichloroethene	7.86	130	136468	1.769	ppbv	95
39) 1,2-Dichloropropane	7.20	63	563559	7.071	ppbv #	23
44) 2,2,4-Trimethylpentane	7.89	57	12530	0.036	ppbv #	64
52) Tetrachloroethene	11.29	164	8916431	109.612	ppbv	85
53) Toluene	9.84	91	48803	0.229	ppbv #	39
56) 1,1,1,2-Tetrachloroethane	12.18	131	2870	0.032	ppbv #	27
61) Styrene	13.58	104	6713	0.038	ppbv #	26
74) 1,2,4-Trimethylbenzene	16.82	105	59497	0.201	ppbv #	69

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.01 min

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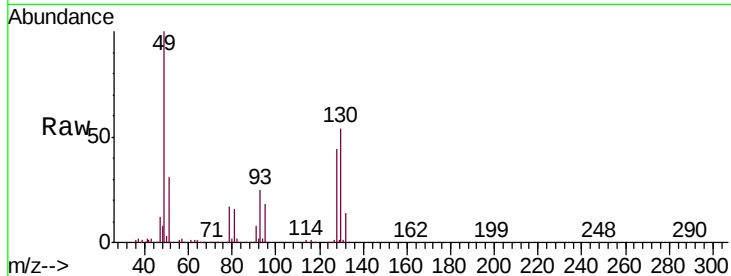
Tgt Ion: 49 Resp: 969624

Ion Ratio Lower Upper

49 100

128 42.5 21.8 65.3

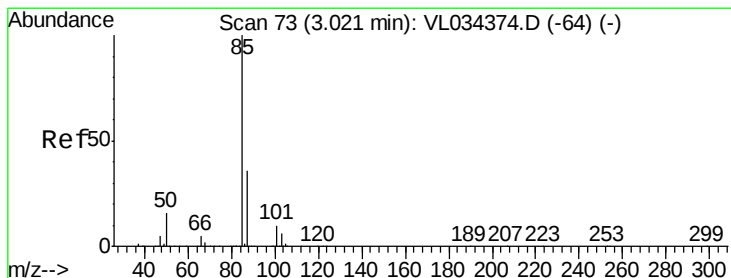
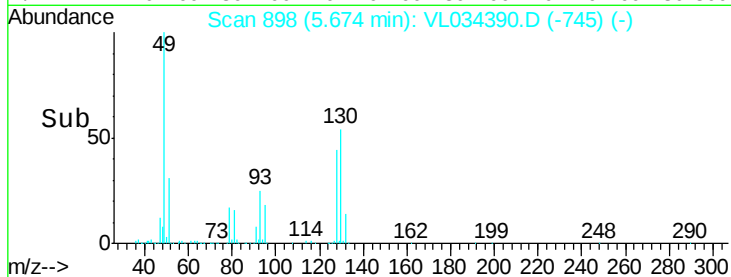
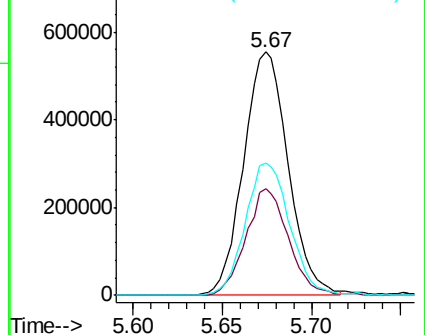
130 54.9 28.0 84.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.734 ppbv

RT: 3.02 min Scan# 72

Delta R.T. -0.00 min

Lab File: VL034390.D

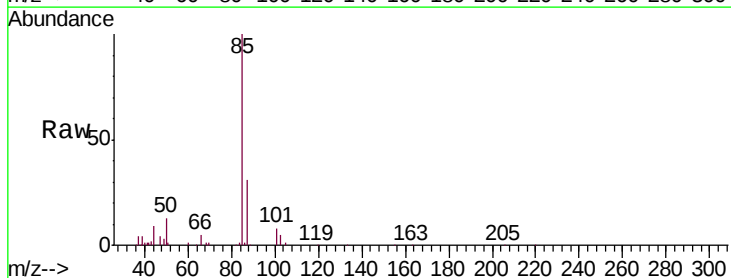
Acq: 19 Nov 2019 22:16

Tgt Ion: 85 Resp: 128788

Ion Ratio Lower Upper

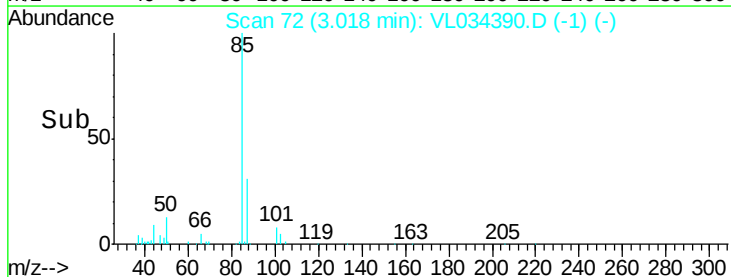
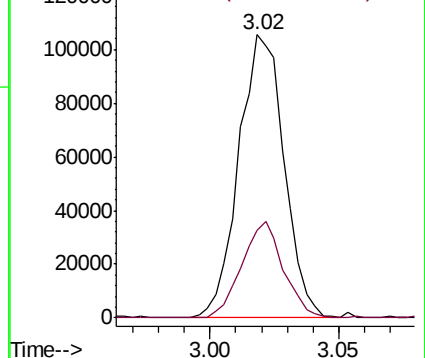
85 100

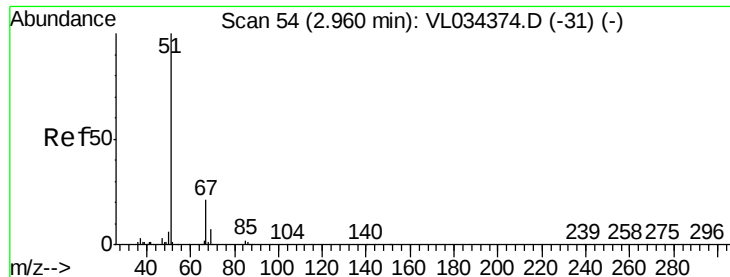
87 31.0 28.5 42.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.461 ppbv

RT: 2.93 min Scan# 45

Delta R.T. -0.03 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

Instrument :

MSVOA_L

ClientSampleId :

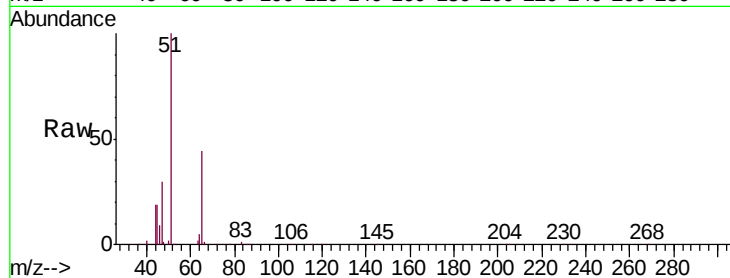
IA1DUP

Tgt Ion: 51 Resp: 176804

Ion Ratio Lower Upper

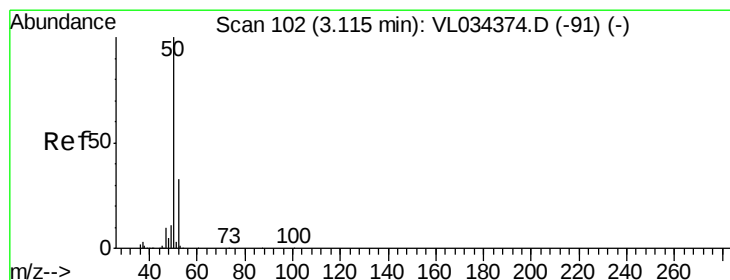
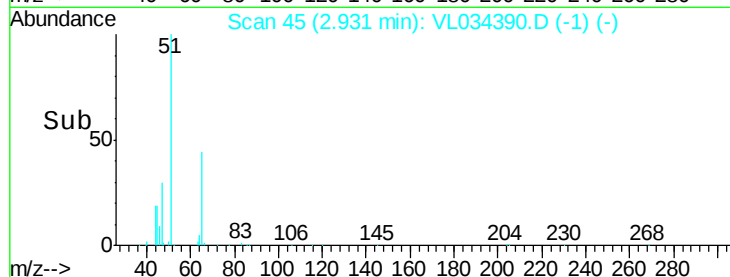
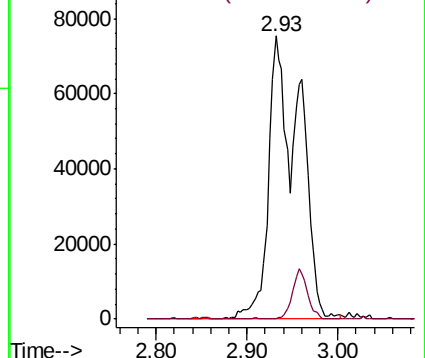
51 100

67 8.7 16.2 24.2#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.379 ppbv

RT: 3.11 min Scan# 101

Delta R.T. -0.00 min

Lab File: VL034390.D

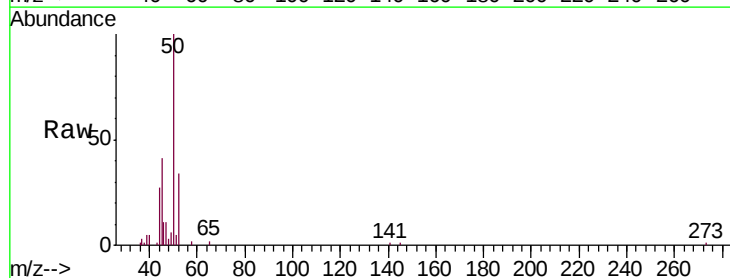
Acq: 19 Nov 2019 22:16

Tgt Ion: 50 Resp: 27043

Ion Ratio Lower Upper

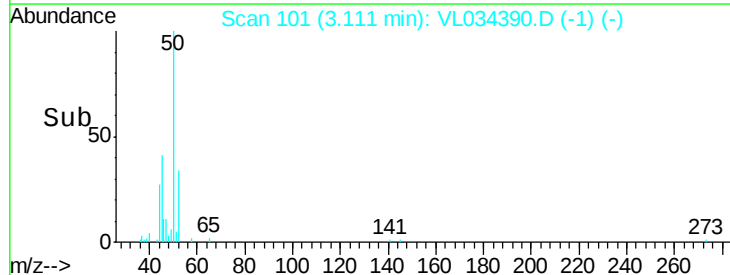
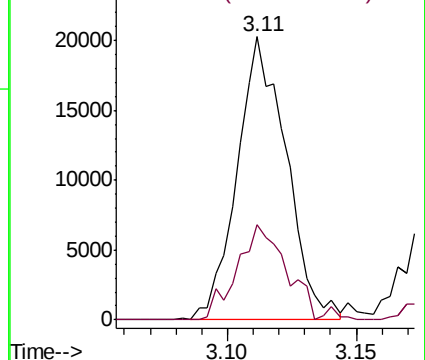
50 100

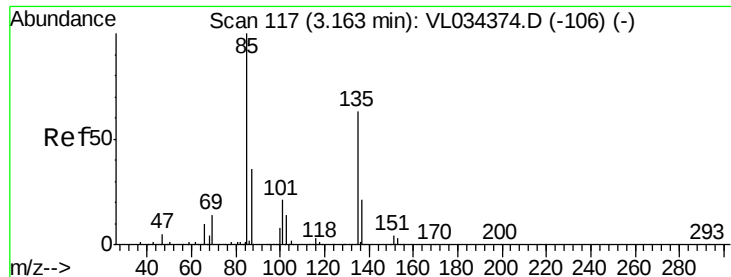
52 33.7 26.8 40.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#8

Dichlorotetrafluoroethane

Concen: 0.818 ppbv

RT: 3.02 min Scan# 72

Delta R.T. -0.14 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

Instrument :

MSVOA_L

ClientSampleId :

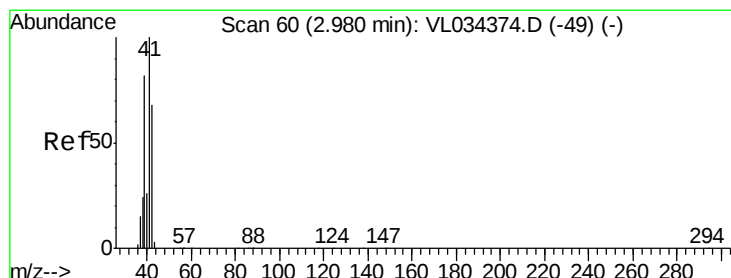
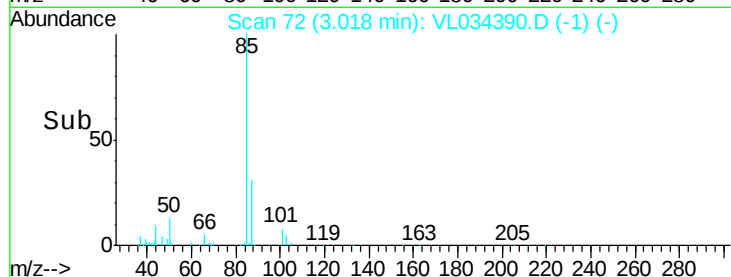
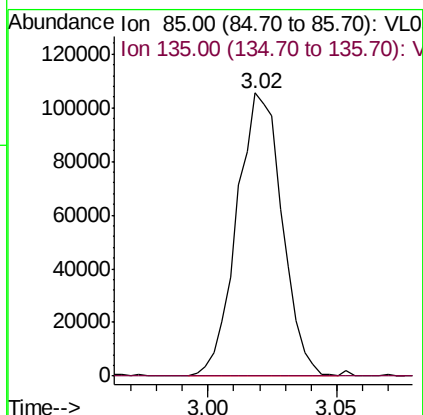
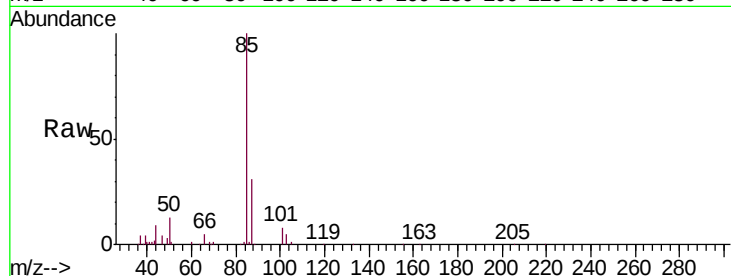
IA1DUP

Tgt Ion: 85 Resp: 128788

Ion Ratio Lower Upper

85 100

135 1.5 51.1 76.7#



#9

Propene

Concen: 6.640 ppbv

RT: 3.18 min Scan# 122

Delta R.T. 0.20 min

Lab File: VL034390.D

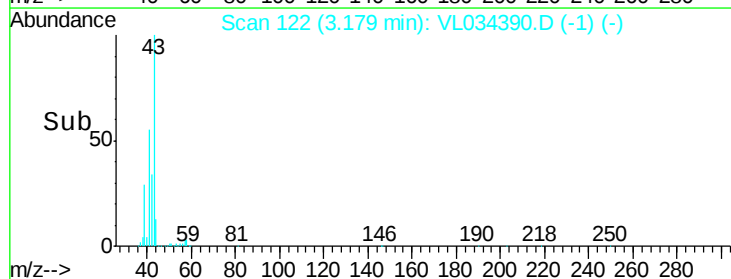
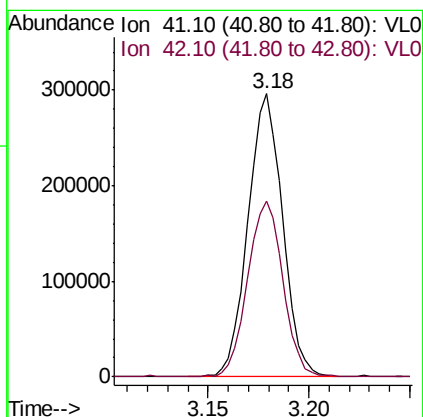
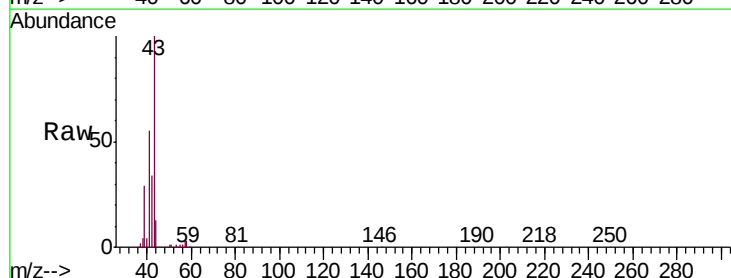
Acq: 19 Nov 2019 22:16

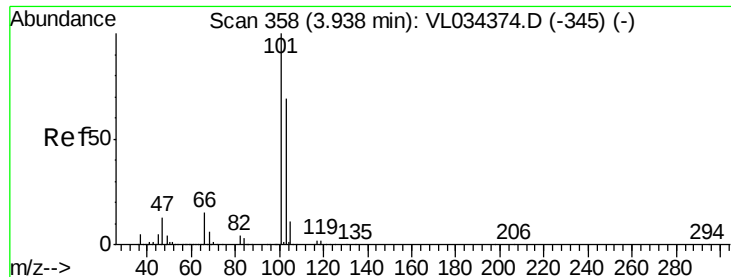
Tgt Ion: 41 Resp: 356651

Ion Ratio Lower Upper

41 100

42 63.8 54.6 82.0





#11

Trichlorofluoromethane

Concen: 0.203 ppbv

RT: 3.93 min Scan# 357

Delta R.T. -0.00 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

Instrument :

MSVOA_L

ClientSampleId :

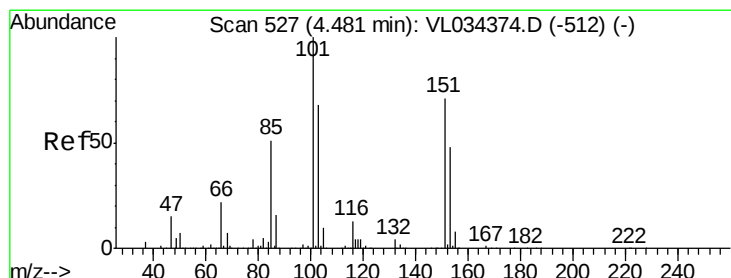
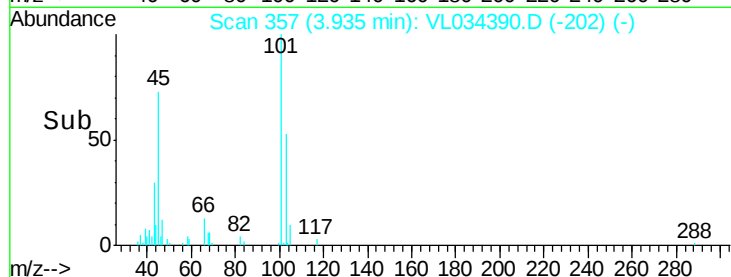
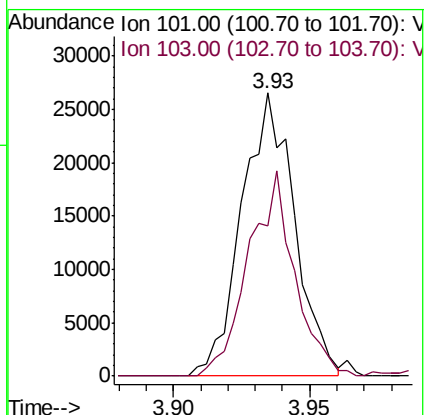
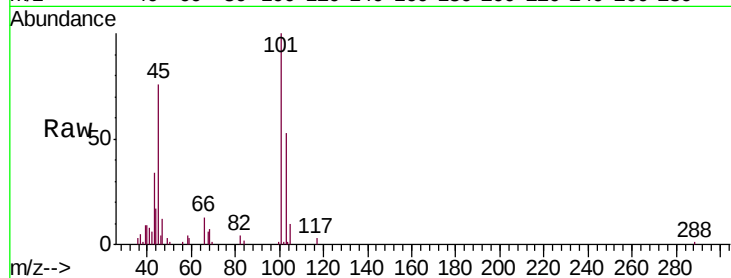
IA1DUP

Tgt Ion:101 Resp: 35495

Ion Ratio Lower Upper

101 100

103 53.3 55.4 83.0#



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.048 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.00 min

Lab File: VL034390.D

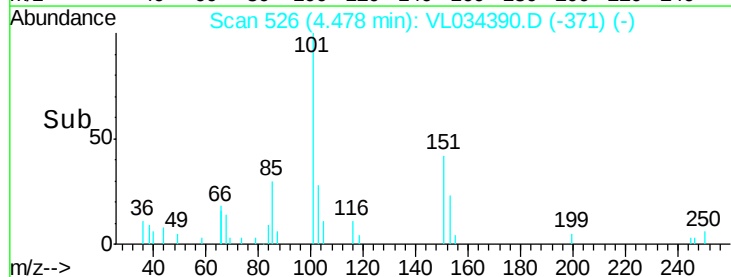
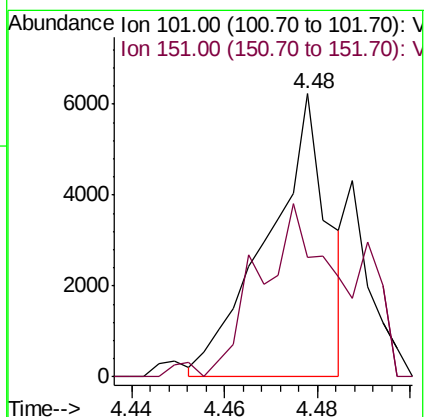
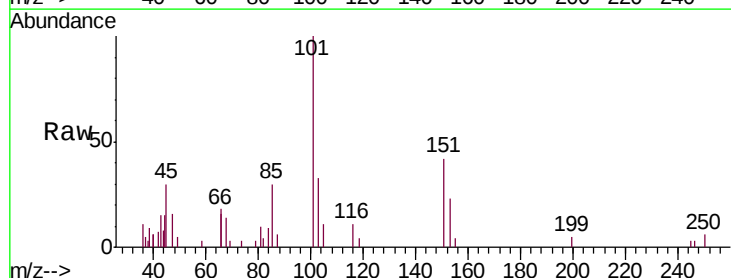
Acq: 19 Nov 2019 22:16

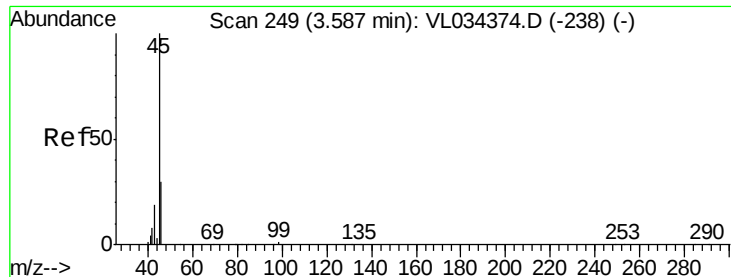
Tgt Ion:101 Resp: 5577

Ion Ratio Lower Upper

101 100

151 93.4 57.4 86.2#

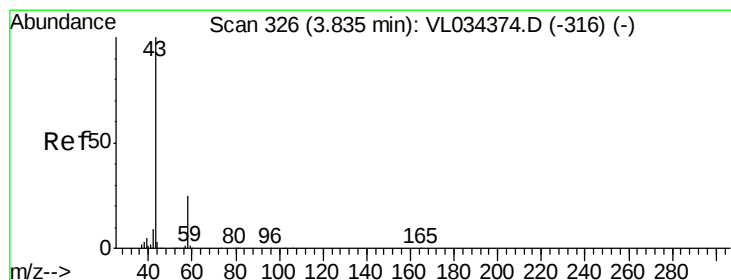
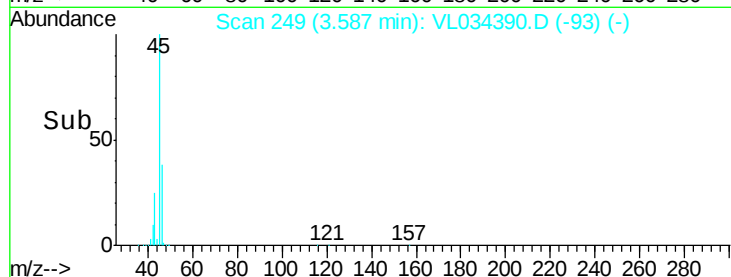
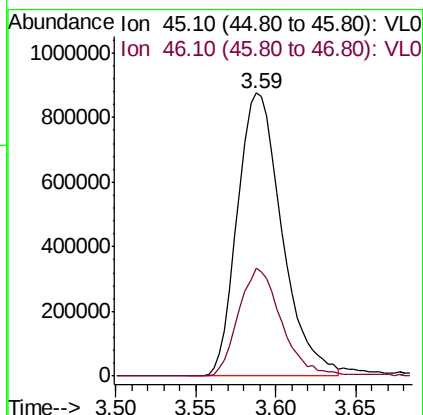
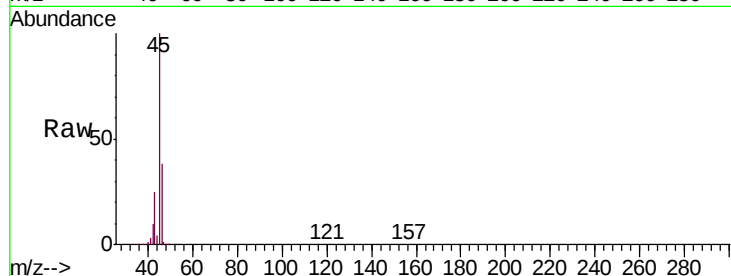




#13
Ethanol
Concen: 106.200 ppbv
RT: 3.59 min Scan# 249
Delta R.T. 0.00 min
Lab File: VL034390.D
Acq: 19 Nov 2019 22:16

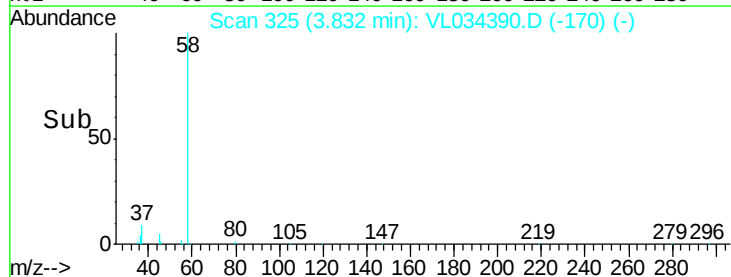
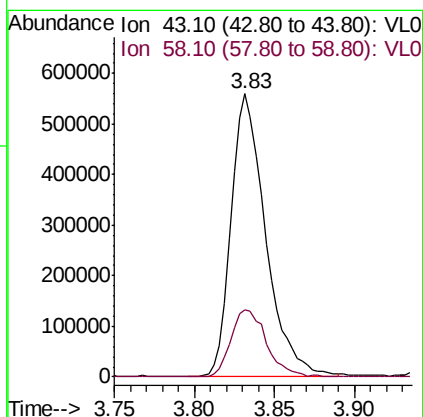
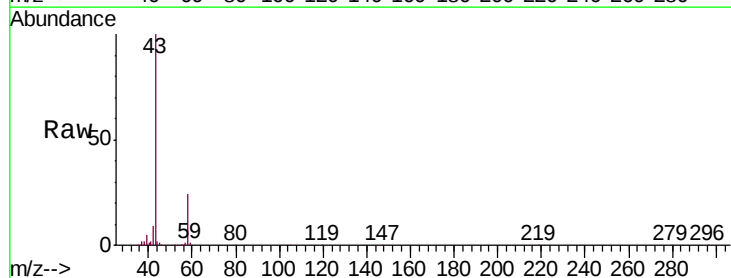
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

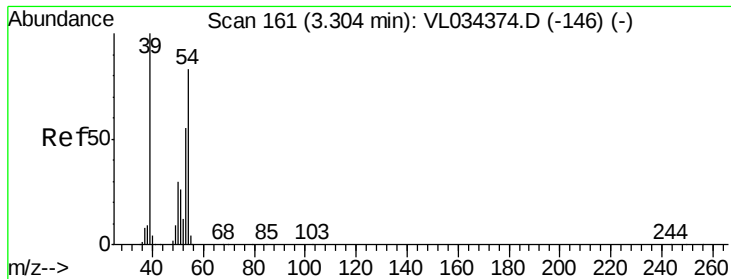
Tgt Ion: 45 Resp: 1670676
Ion Ratio Lower Upper
45 100
46 37.6 13.8 55.4



#15
Acetone
Concen: 5.883 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.00 min
Lab File: VL034390.D
Acq: 19 Nov 2019 22:16

Tgt Ion: 43 Resp: 816889
Ion Ratio Lower Upper
43 100
58 25.0 20.2 30.4

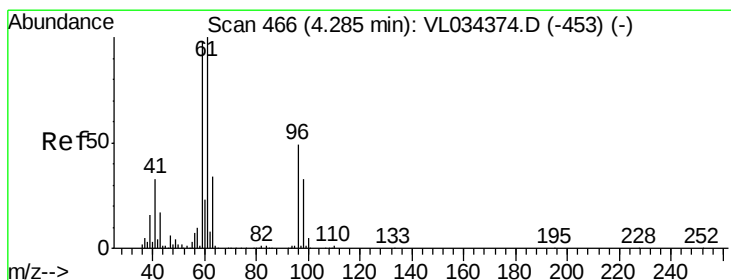
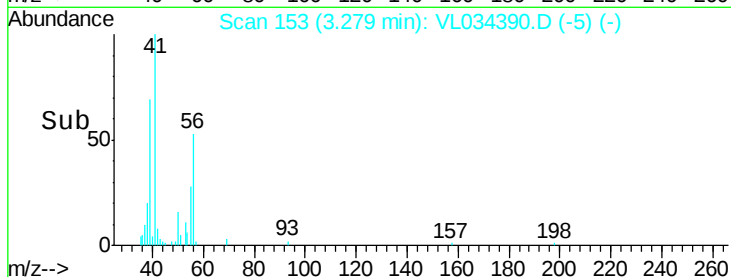
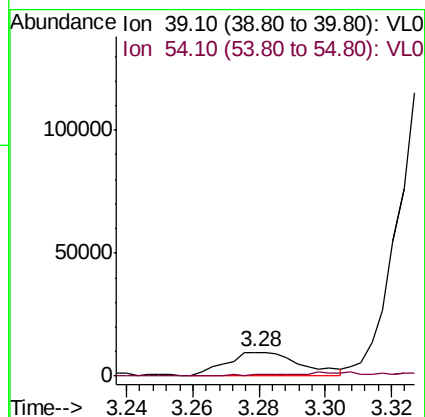
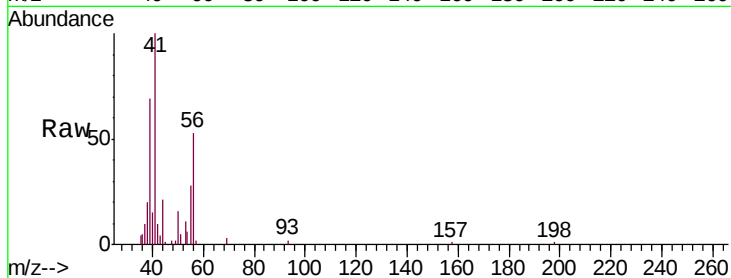




#16
1,3-Butadiene
Concen: 0.254 ppbv
RT: 3.28 min Scan# 153
Delta R.T. -0.03 min
Lab File: VL034390.D
Acq: 19 Nov 2019 22:16

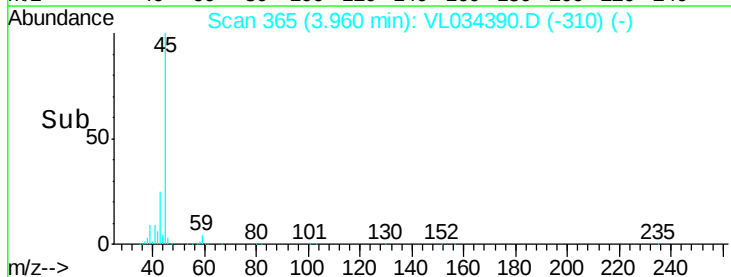
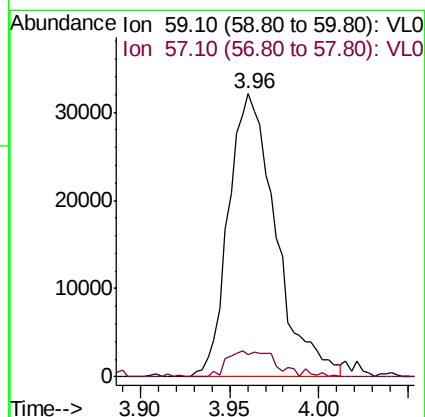
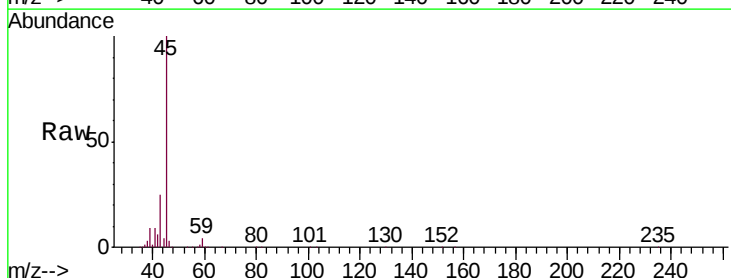
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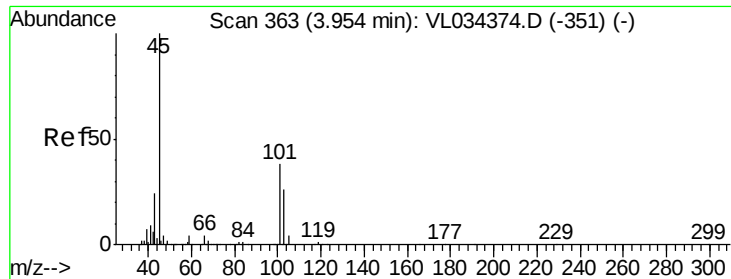
Tgt Ion: 39 Resp: 15335
Ion Ratio Lower Upper
39 100
54 0.0 64.7 97.1#



#17
tert-Butyl alcohol
Concen: 0.509 ppbv
RT: 3.96 min Scan# 365
Delta R.T. -0.32 min
Lab File: VL034390.D
Acq: 19 Nov 2019 22:16

Tgt Ion: 59 Resp: 59415
Ion Ratio Lower Upper
59 100
57 10.1 8.8 13.2

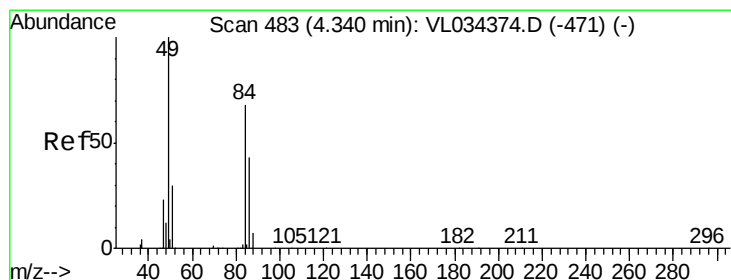
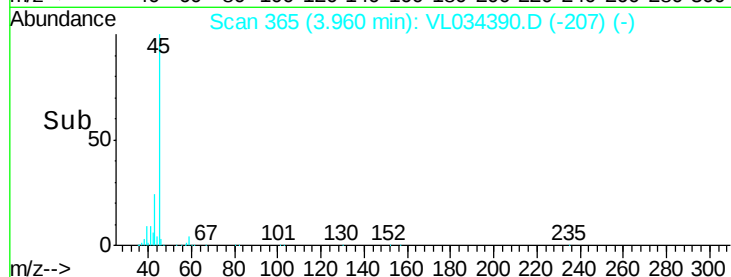
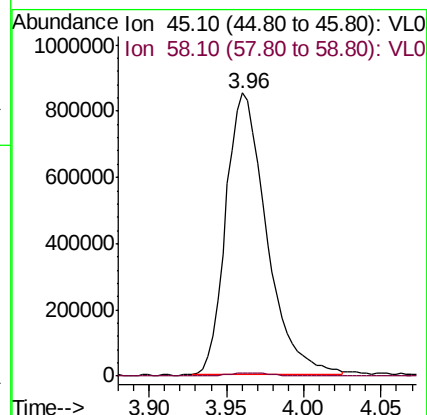
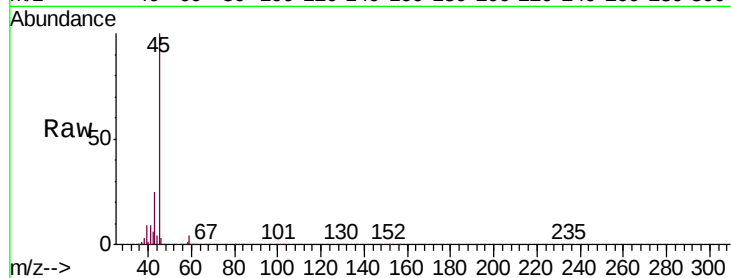




#19
Isopropyl Alcohol
Concen: 15.402 ppbv
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VL034390.D
Acq: 19 Nov 2019 22:16

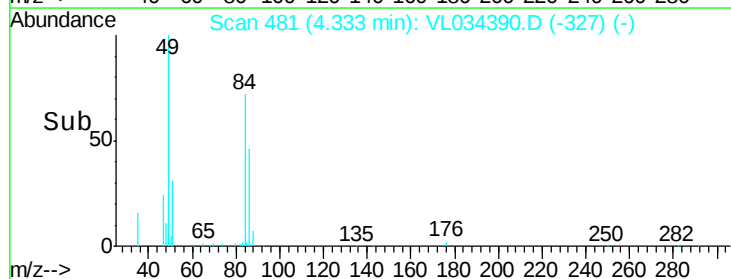
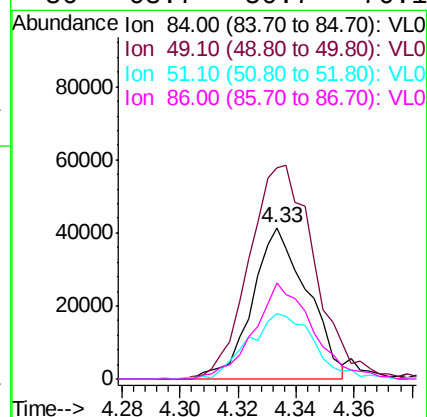
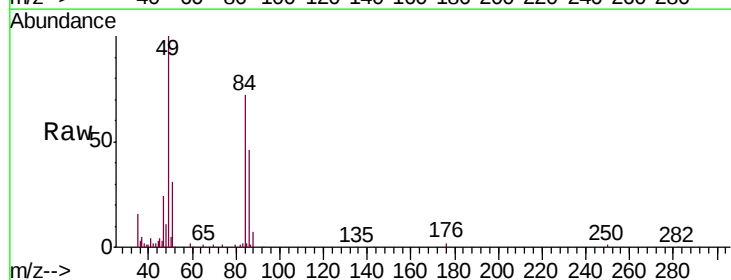
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

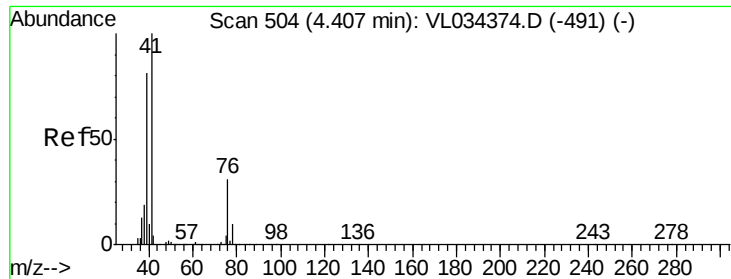
Tgt Ion: 45 Resp: 1555300
Ion Ratio Lower Upper
45 100
58 1.3 1.3 1.9



#20
Methylene Chloride
Concen: 1.114 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL034390.D
Acq: 19 Nov 2019 22:16

Tgt Ion: 84 Resp: 54871
Ion Ratio Lower Upper
84 100
49 137.8 116.8 175.2
51 42.5 35.6 53.4
86 63.7 50.7 76.1





#21

Allyl Chloride

Concen: 0.034 ppbv

RT: 4.29 min Scan# 469

Delta R.T. -0.11 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

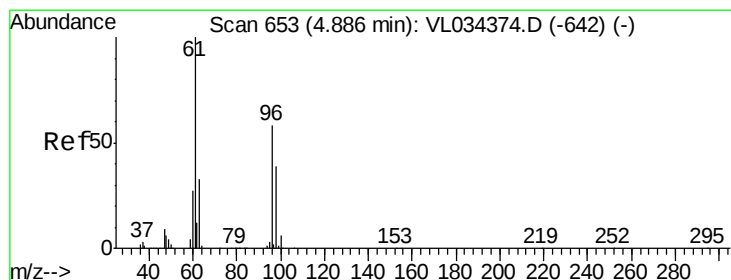
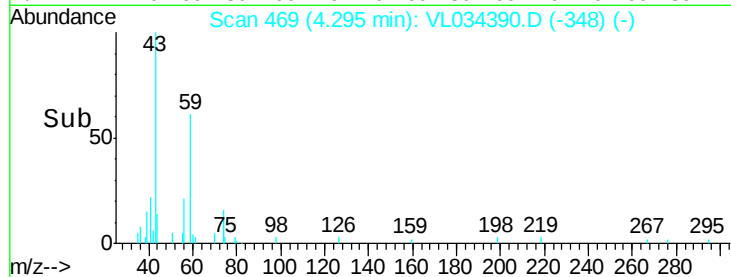
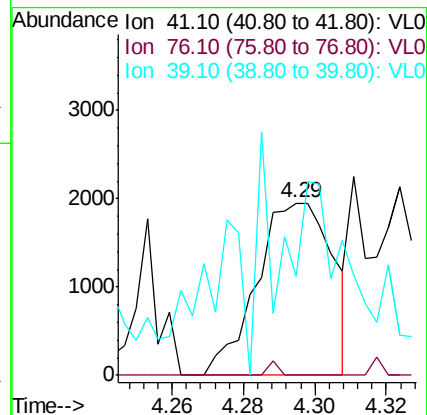
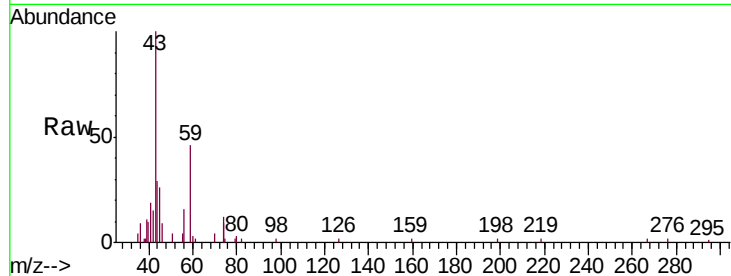
Tgt Ion: 41 Resp: 2868

Ion Ratio Lower Upper

41 100

76 0.0 24.2 36.2#

39 213.0 66.9 100.3#



#22

trans-1,2-Dichloroethene

Concen: 0.037 ppbv

RT: 4.88 min Scan# 652

Delta R.T. -0.00 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

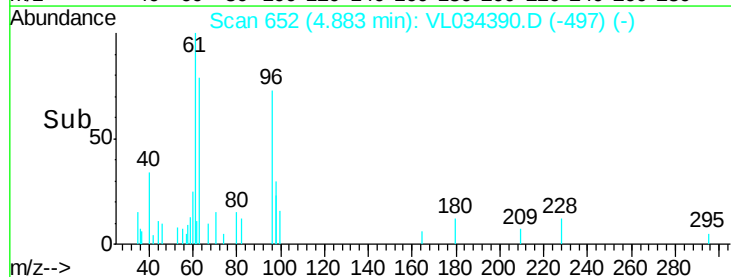
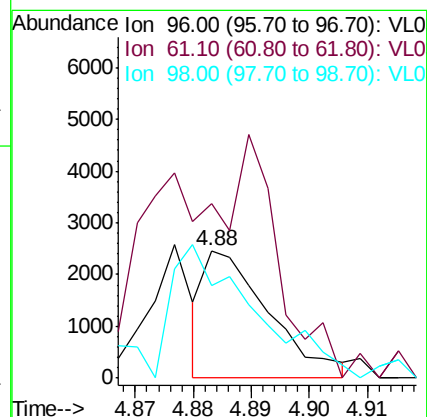
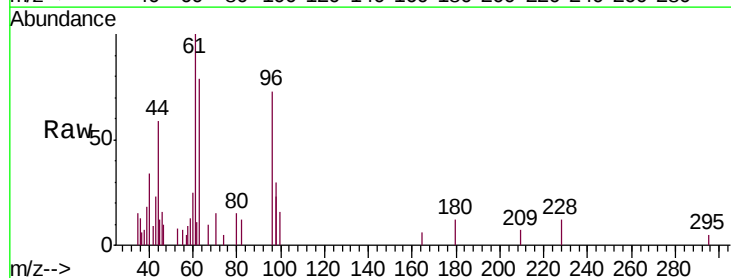
Tgt Ion: 96 Resp: 1909

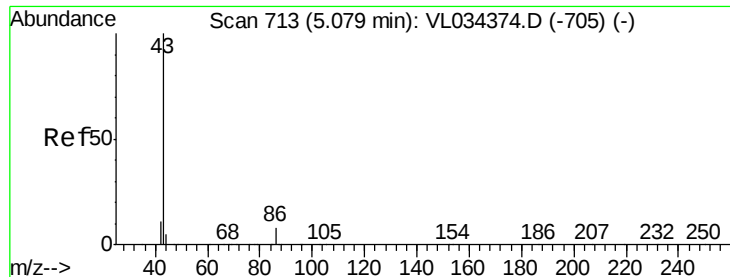
Ion Ratio Lower Upper

96 100

61 156.6 137.9 206.9

98 71.1 53.5 80.3





#23

Vinyl Acetate

Concen: 0.046 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion: 43 Resp: 8306

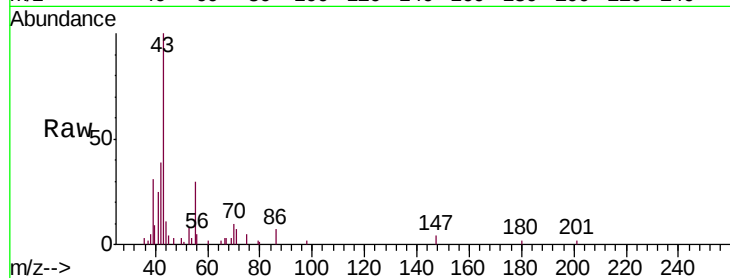
Ion Ratio Lower Upper

43 100

86 9.0 5.8 8.6#

42 46.3 8.9 13.3#

44 3.3 4.0 6.0#

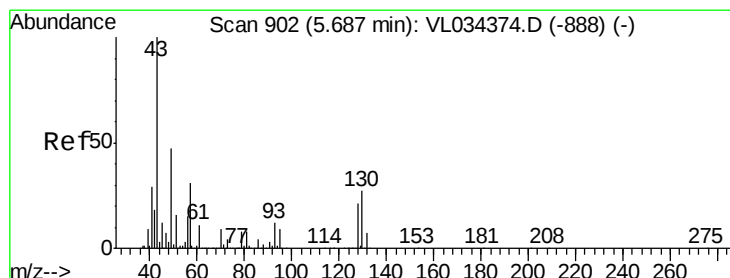
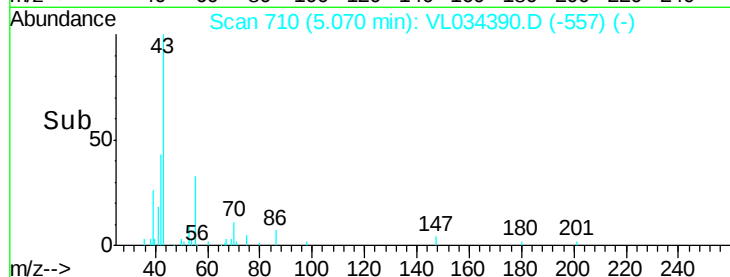
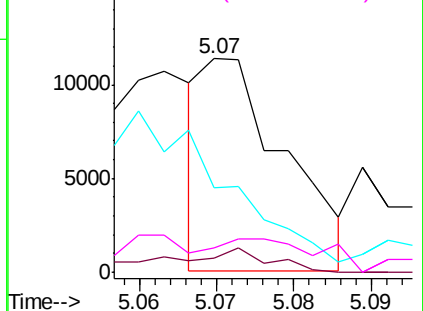


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 0.185 ppbv

RT: 5.69 min Scan# 904

Delta R.T. 0.01 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

Tgt Ion: 43 Resp: 45888

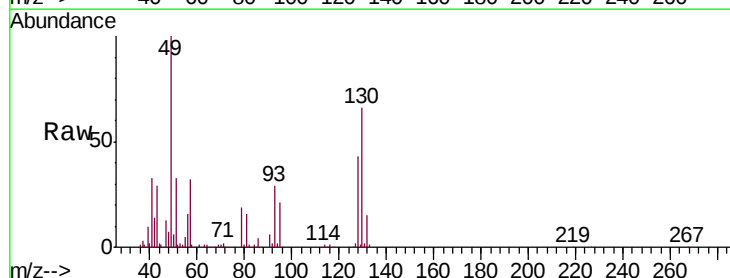
Ion Ratio Lower Upper

43 100

45 9.4 8.2 12.4

61 0.0 7.5 11.3#

70 7.2 5.7 8.5

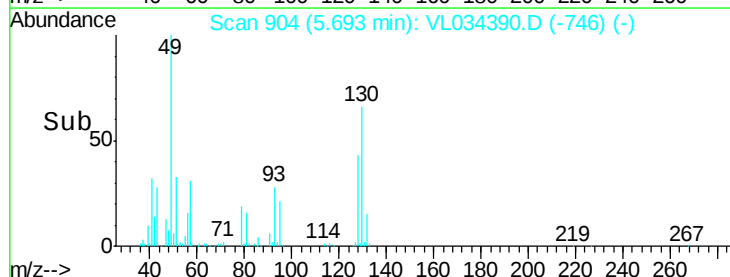
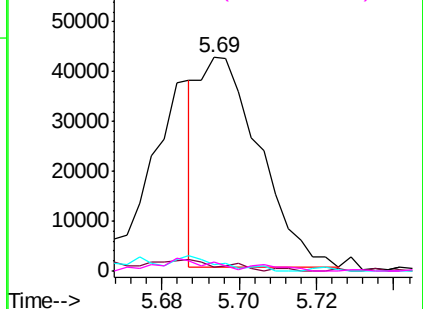


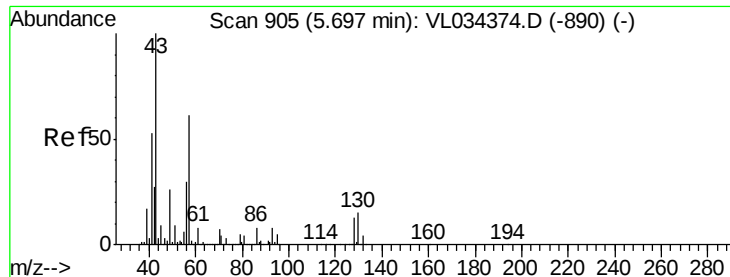
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

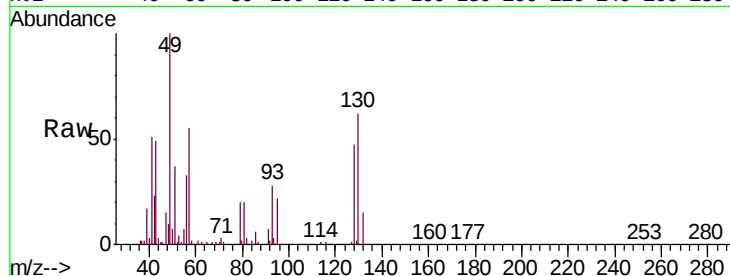




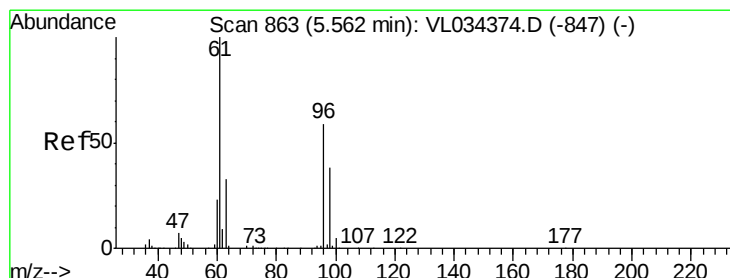
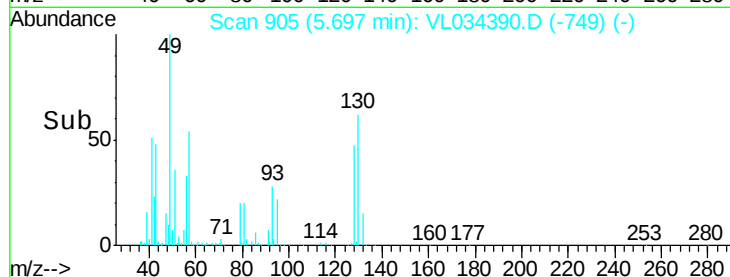
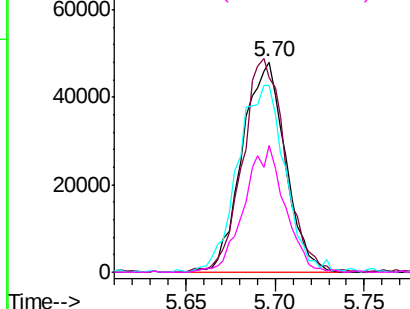
#26
Hexane
Concen: 0.765 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.00 min
Lab File: VL034390.D
Acq: 19 Nov 2019 22:16

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 57 Resp: 81480
Ion Ratio Lower Upper
57 100
41 100.3 75.0 112.4
43 97.8 186.6 279.8#
56 56.3 41.5 62.3

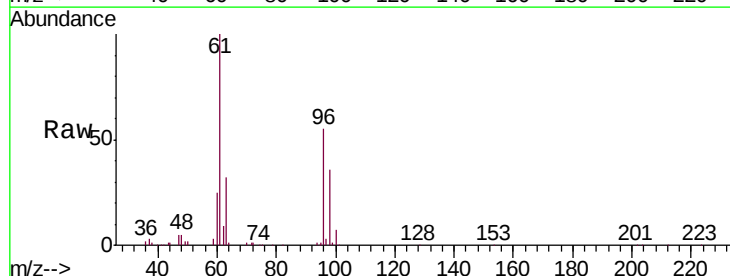


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

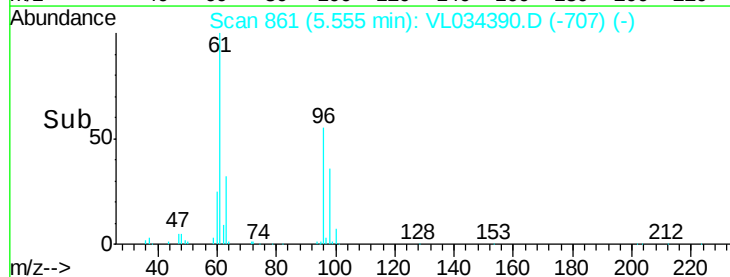
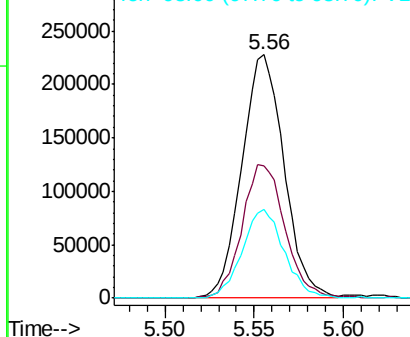


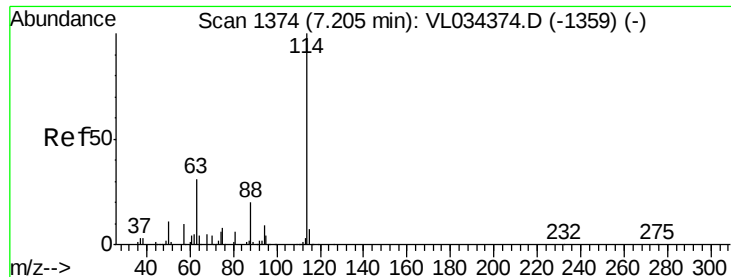
#31
cis-1,2-Dichloroethene
Concen: 3.437 ppbv
RT: 5.56 min Scan# 861
Delta R.T. -0.01 min
Lab File: VL034390.D
Acq: 19 Nov 2019 22:16

Tgt Ion: 61 Resp: 378118
Ion Ratio Lower Upper
61 100
96 54.6 47.4 71.2
98 36.3 30.6 45.8



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

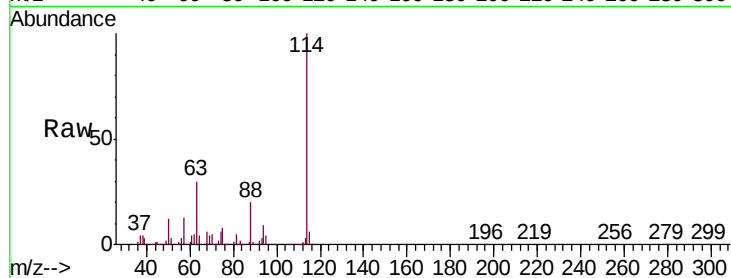




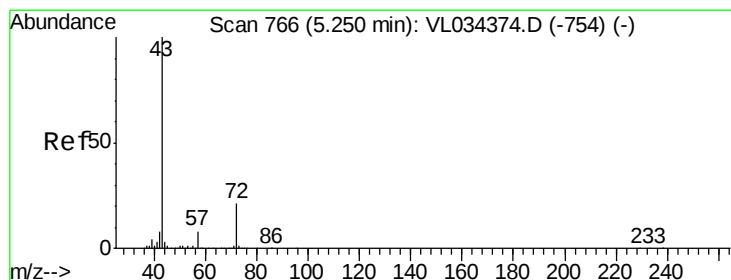
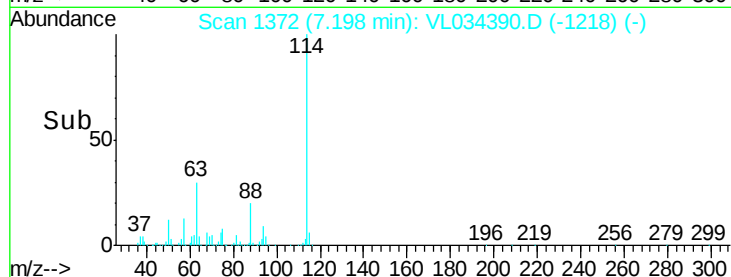
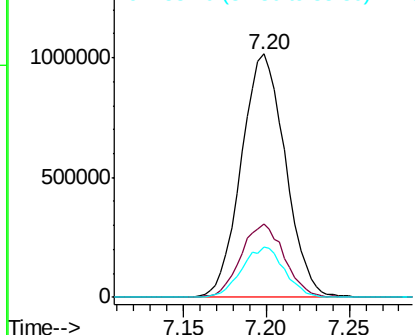
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: VL034390.D
 Acq: 19 Nov 2019 22:16

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Tgt Ion:114 Resp: 1880731
 Ion Ratio Lower Upper
 114 100
 63 30.1 24.2 36.4
 88 20.1 15.9 23.9

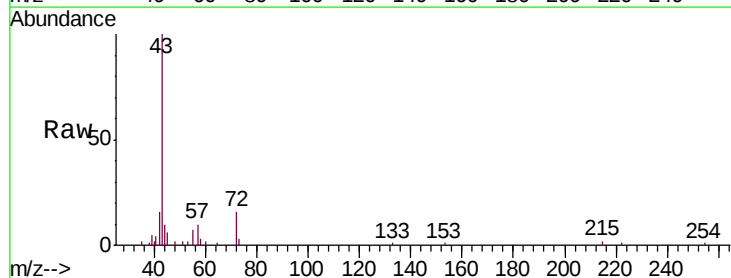


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

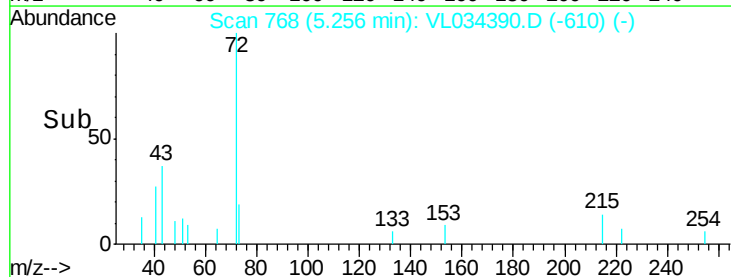
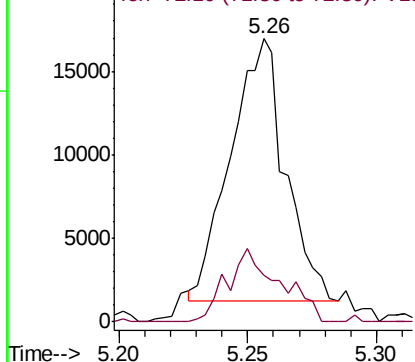


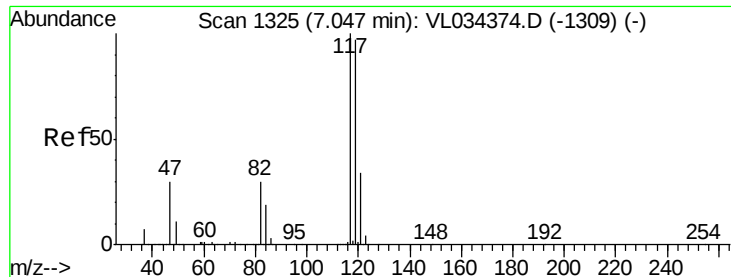
#34
 2-Butanone
 Concen: 0.151 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL034390.D
 Acq: 19 Nov 2019 22:16

Tgt Ion: 43 Resp: 23327
 Ion Ratio Lower Upper
 43 100
 72 27.1 17.0 25.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.050 ppbv

RT: 7.04 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

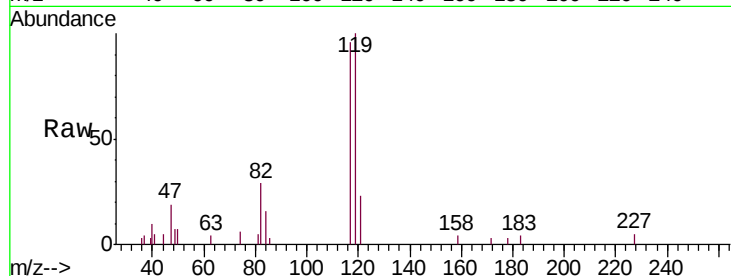
Tgt Ion:117 Resp: 8052

Ion Ratio Lower Upper

117 100

119 104.1 77.3 115.9

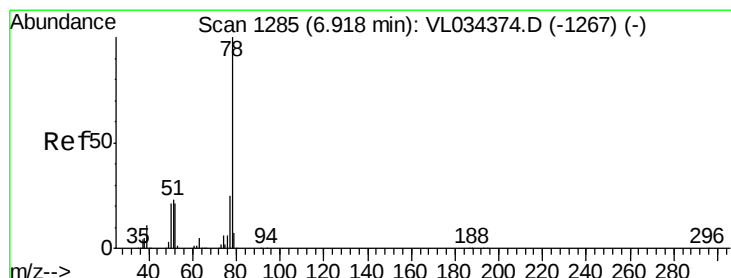
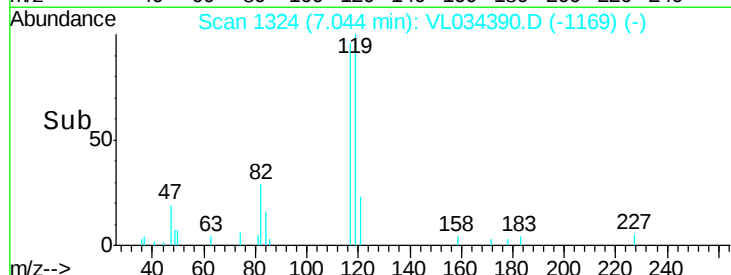
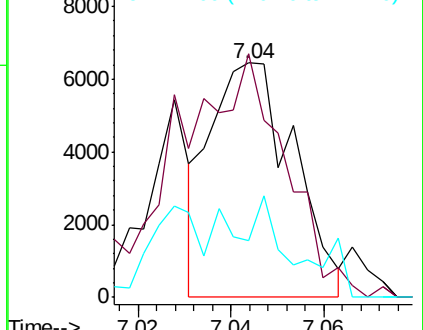
121 0.0 27.4 41.2#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.049 ppbv

RT: 6.92 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

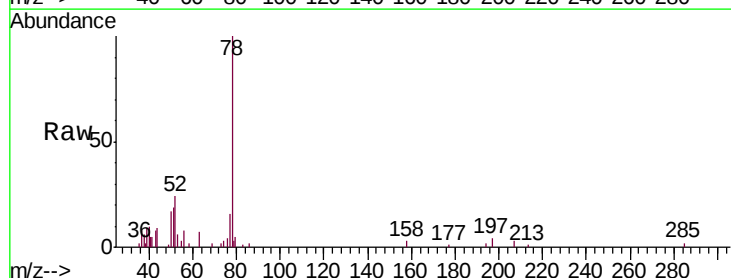
Tgt Ion: 78 Resp: 9129

Ion Ratio Lower Upper

78 100

77 7.7 20.2 30.4#

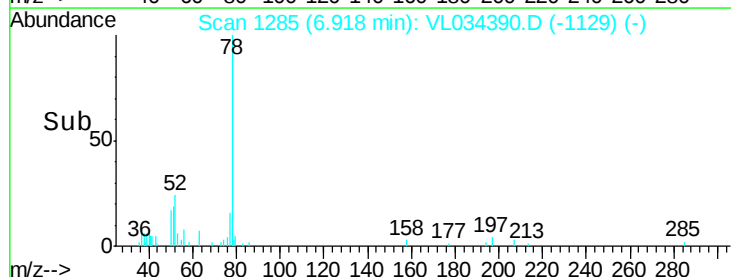
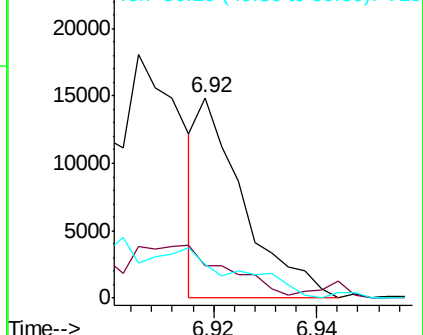
50 14.4 17.1 25.7#

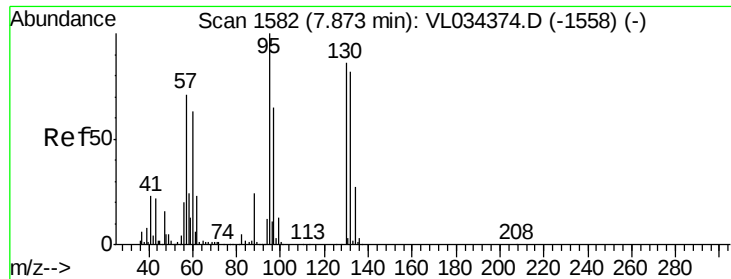


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#38

Trichloroethene

Concen: 1.769 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion:130 Resp: 136468

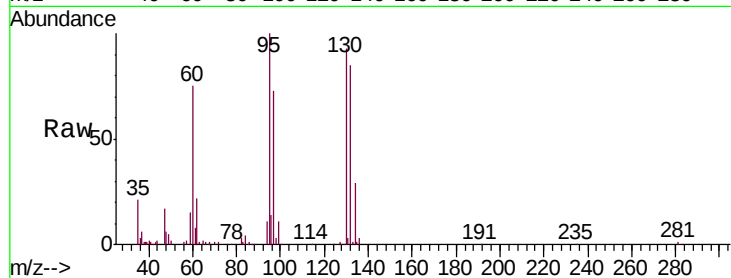
Ion Ratio Lower Upper

130 100

95 107.9 93.4 140.0

132 92.1 76.4 114.6

97 78.9 61.1 91.7

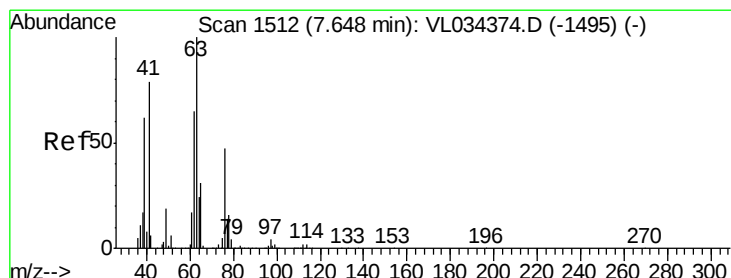
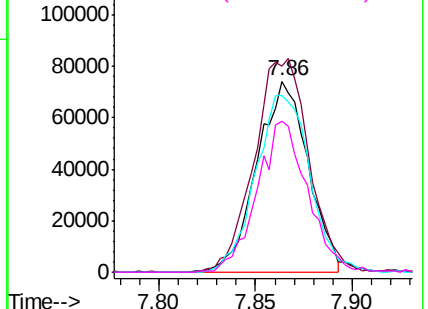
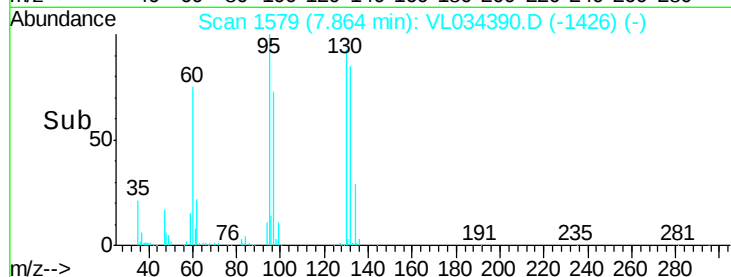


Abundance Ion 130.00 (129.70 to 130.70): V

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: 7.071 ppbv

RT: 7.20 min Scan# 1372

Delta R.T. -0.45 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

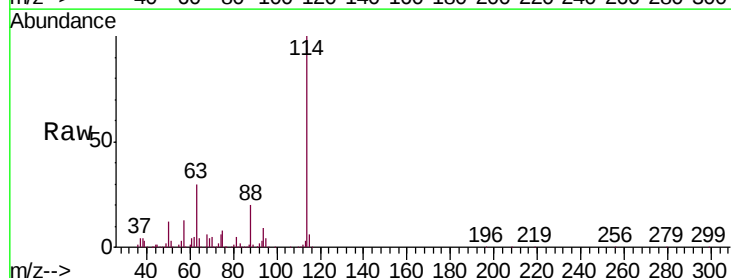
Tgt Ion: 63 Resp: 563559

Ion Ratio Lower Upper

63 100

41 0.0 63.1 94.7#

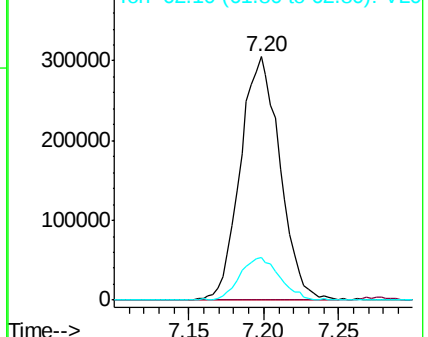
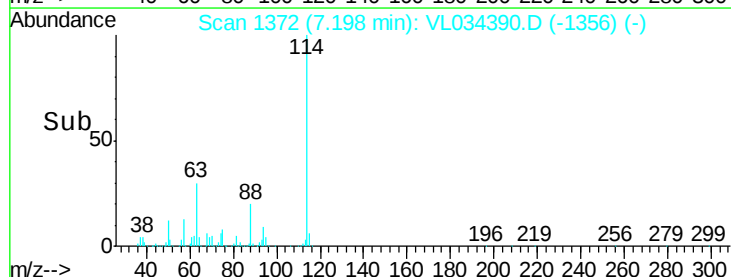
62 17.8 52.3 78.5#

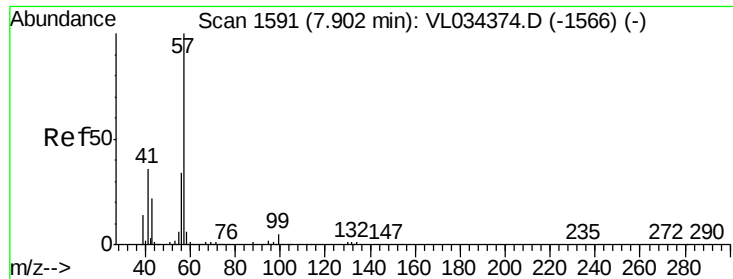


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

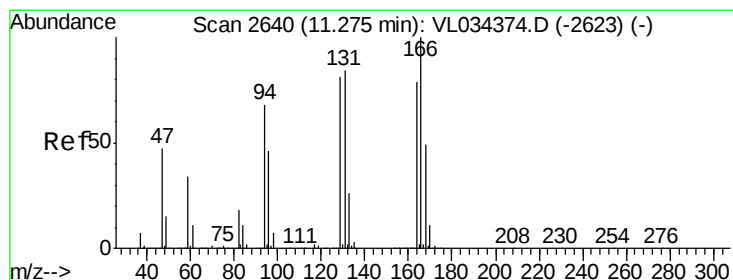
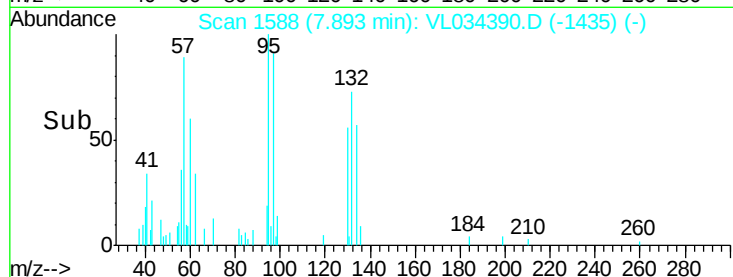
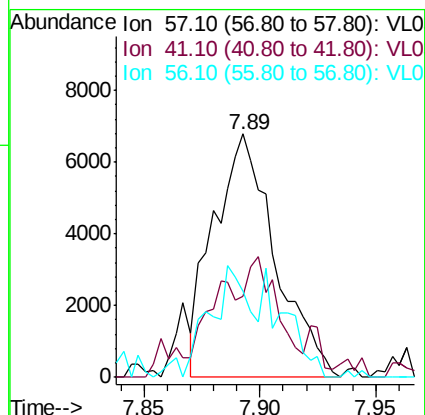
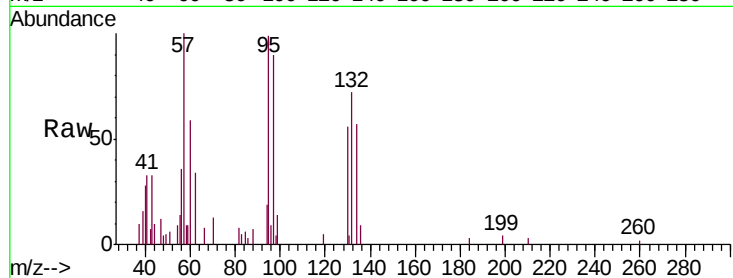




#44
 2,2,4-Trimethylpentane
 Concen: 0.036 ppbv
 RT: 7.89 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: VL034390.D
 Acq: 19 Nov 2019 22:16

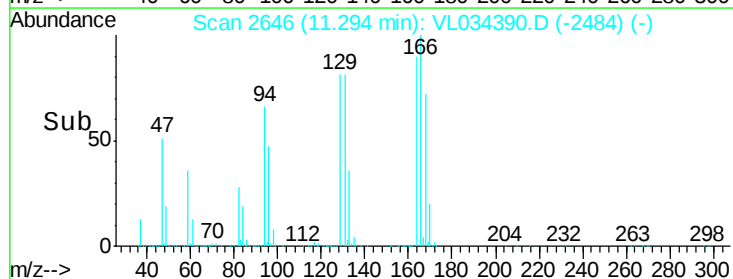
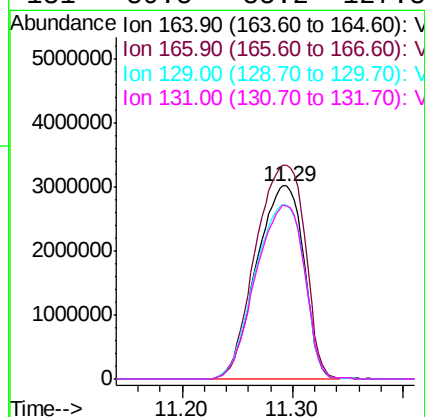
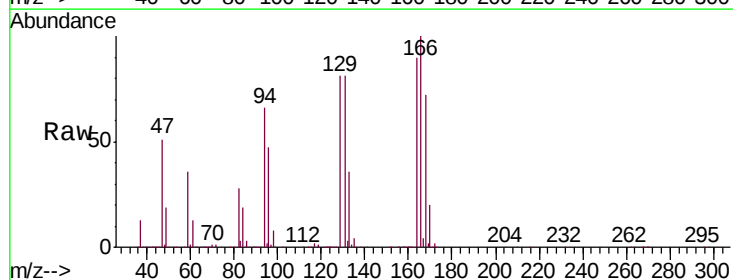
Instrument :
 MSVOA_L
 ClientSampleID :
 IA1DUP

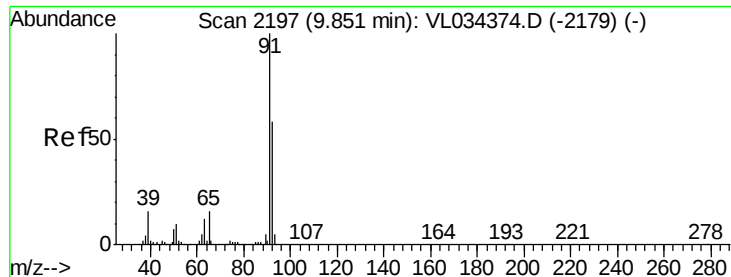
Tgt Ion: 57 Resp: 12530
 Ion Ratio Lower Upper
 57 100
 41 60.9 28.6 42.8#
 56 47.6 25.3 37.9#



#52
 Tetrachloroethene
 Concen: 109.612 ppbv
 RT: 11.29 min Scan# 2646
 Delta R.T. 0.02 min
 Lab File: VL034390.D
 Acq: 19 Nov 2019 22:16

Tgt Ion: 164 Resp: 8916431
 Ion Ratio Lower Upper
 164 100
 166 110.5 101.7 152.5
 129 90.0 82.6 123.8
 131 89.5 85.2 127.8





#53

Toluene

Concen: 0.229 ppbv

RT: 9.84 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

Instrument :

MSVOA_L

ClientSampleId :

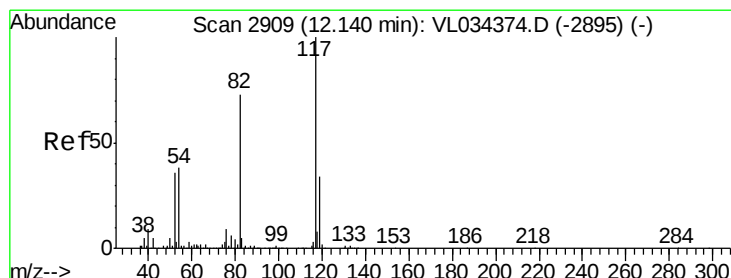
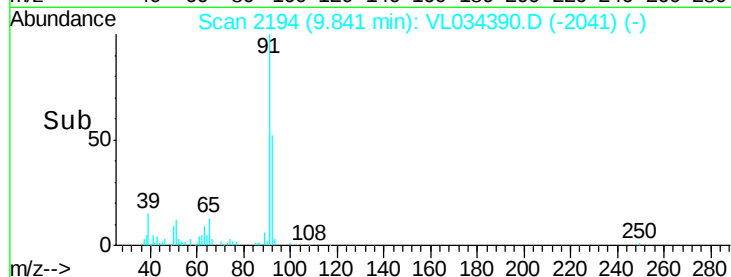
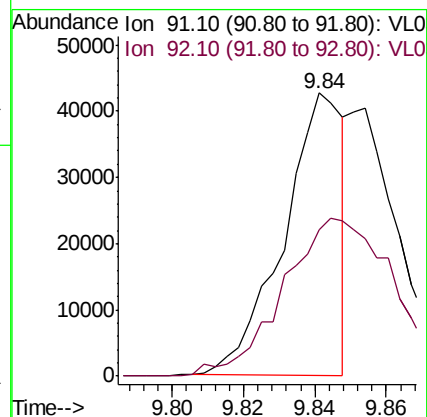
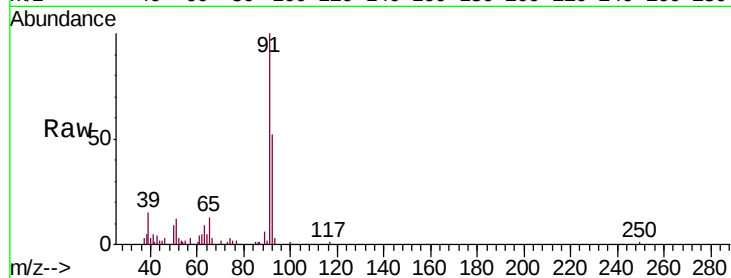
IA1DUP

Tgt Ion: 91 Resp: 48803

Ion Ratio Lower Upper

91 100

92 105.7 47.9 71.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.14 min Scan# 2909

Delta R.T. -0.00 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

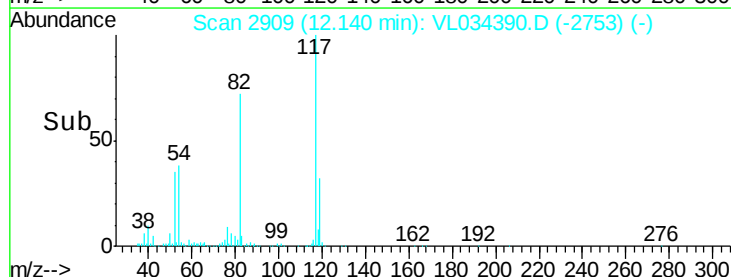
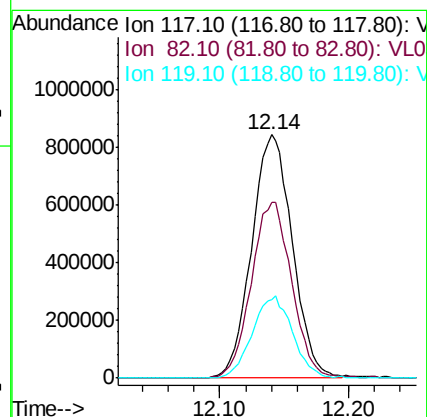
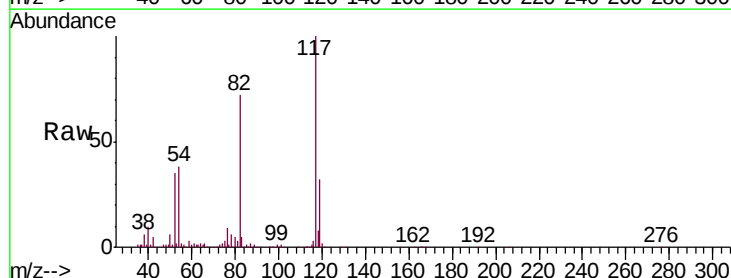
Tgt Ion: 117 Resp: 1853422

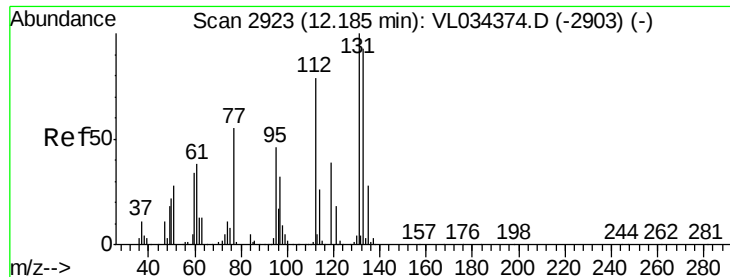
Ion Ratio Lower Upper

117 100

82 72.1 57.5 86.3

119 33.3 25.4 38.2

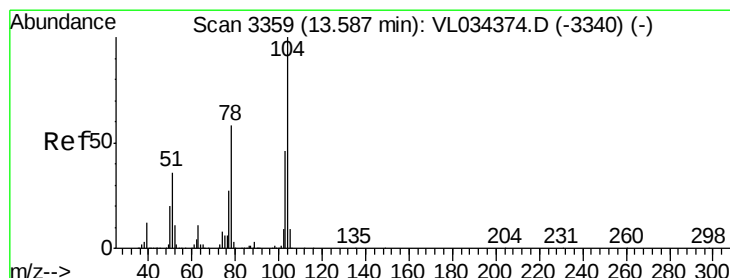
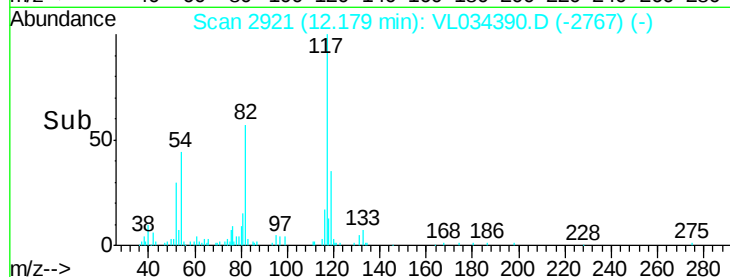
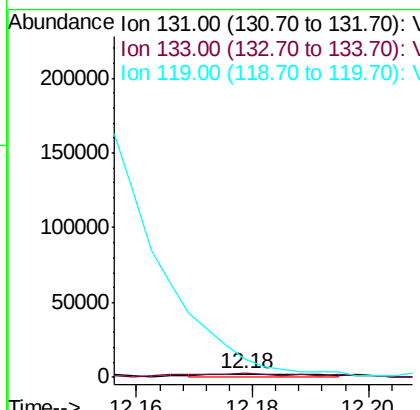
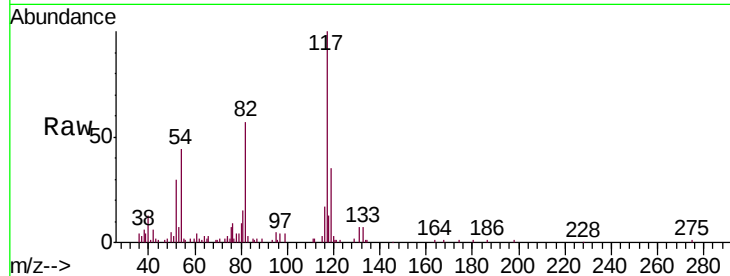




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.032 ppbv
 RT: 12.18 min Scan# 2921
 Delta R.T. -0.01 min
 Lab File: VL034390.D
 Acq: 19 Nov 2019 22:16

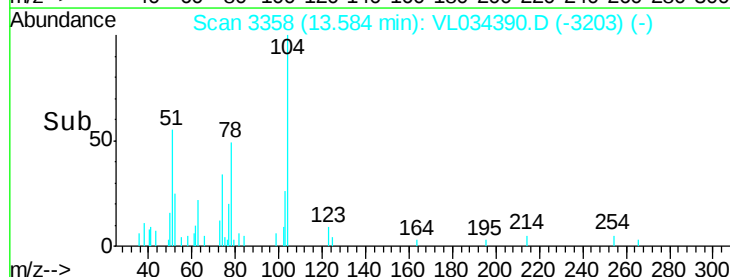
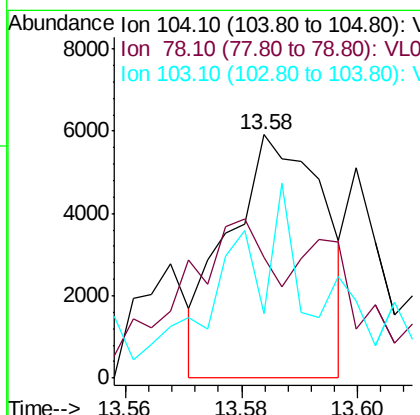
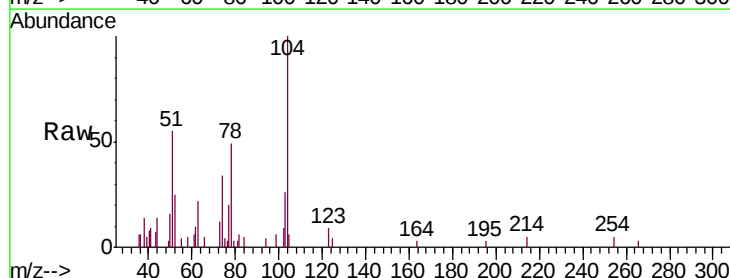
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

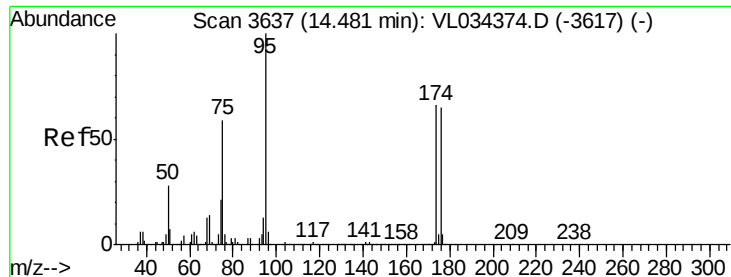
Tgt Ion:131 Resp: 2870
 Ion Ratio Lower Upper
 131 100
 133 163.9 76.2 114.2#
 119 0.0 44.6 67.0#



#61
 Styrene
 Concen: 0.038 ppbv
 RT: 13.58 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VL034390.D
 Acq: 19 Nov 2019 22:16

Tgt Ion:104 Resp: 6713
 Ion Ratio Lower Upper
 104 100
 78 117.6 47.6 71.4#
 103 95.7 38.6 57.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.953 ppbv

RT: 14.47 min Scan# 3635

Delta R.T. -0.01 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

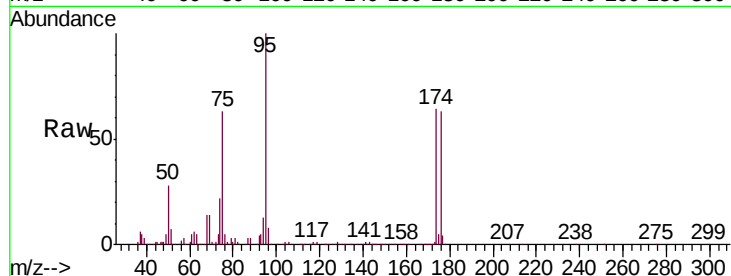
Tgt Ion: 95 Resp: 1551868

Ion Ratio Lower Upper

95 100

174 67.1 52.2 78.2

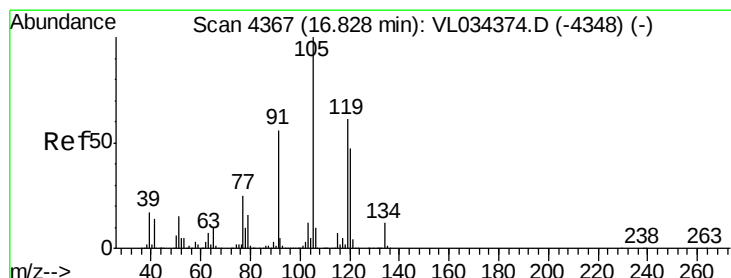
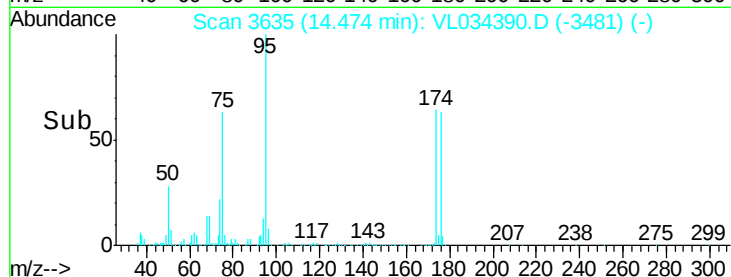
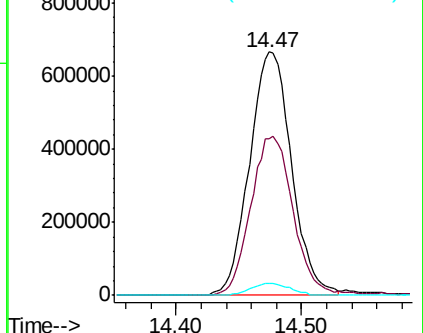
175 4.7 3.8 5.8



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



#74

1,2,4-Trimethylbenzene

Concen: 0.201 ppbv

RT: 16.82 min Scan# 4366

Delta R.T. -0.00 min

Lab File: VL034390.D

Acq: 19 Nov 2019 22:16

Tgt Ion: 105 Resp: 59497

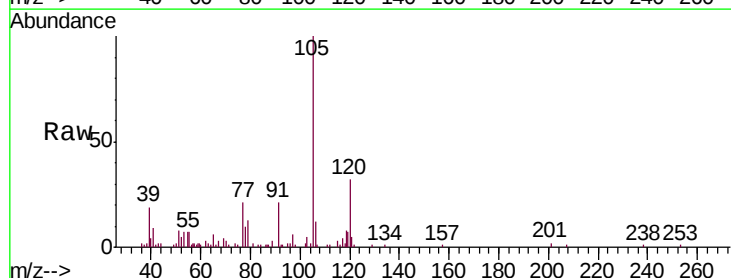
Ion Ratio Lower Upper

105 100

120 36.6 37.4 56.0#

91 19.1 46.3 69.5#

77 18.6 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

