

Data File : VL034356.D
Acq On : 24 Oct 2019 22:52
Operator : SY/AP
Sample : K5516-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-2DUP

Quant Time: Oct 25 01:35:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	841794	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1764622	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1665784	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1399885	9.92	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

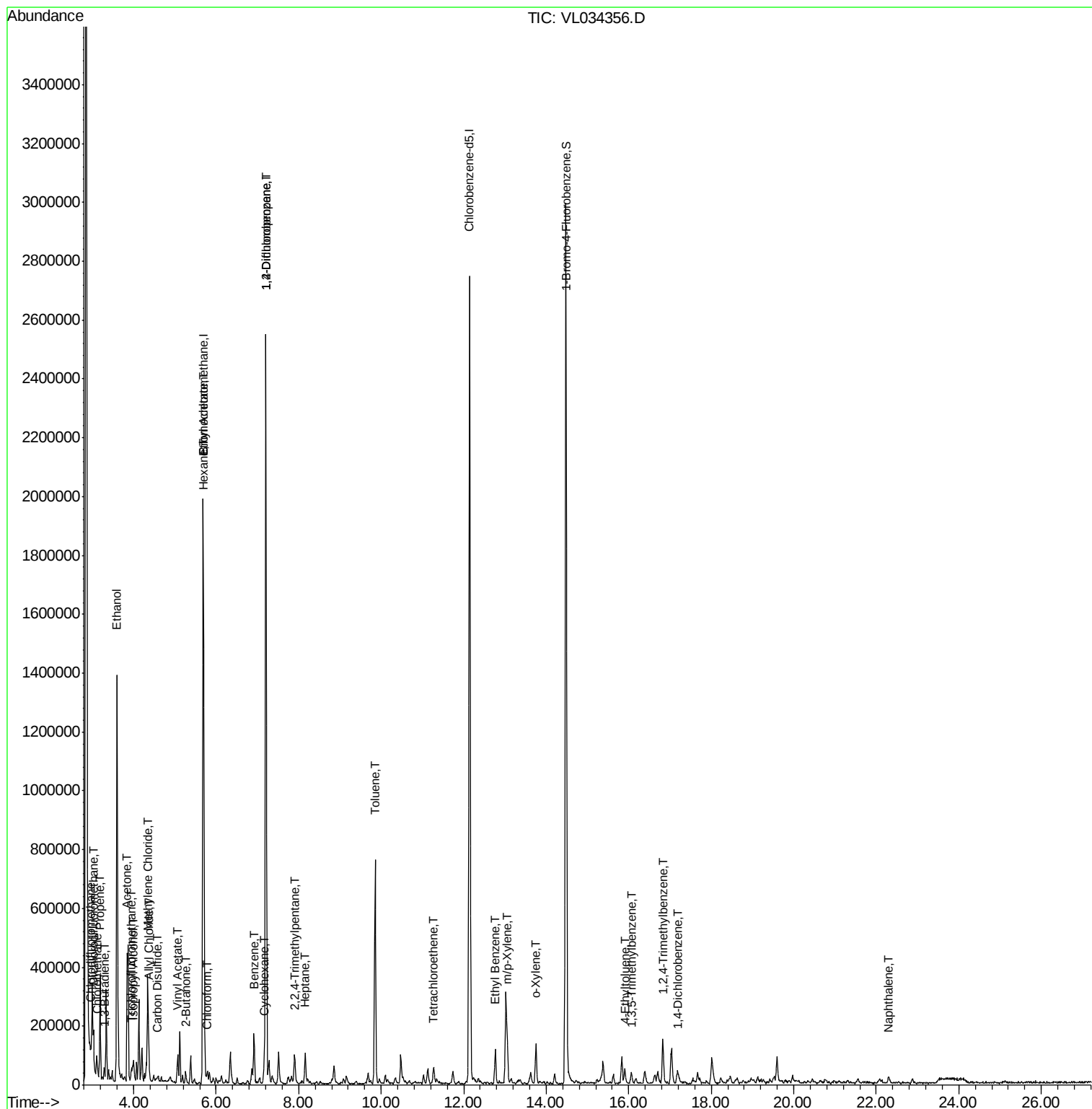
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	78812	0.543	ppbv	90
3) Chlorodifluoromethane	2.96	51	68710	0.696	ppbv #	86
4) Chloromethane	3.12	50	25143	0.431	ppbv	97
9) Propene	3.19	41	76894	1.758	ppbv	93
10) Heptane	8.15	43	17815	0.159	ppbv #	28
11) Trichlorofluoromethane	3.94	101	29624	0.215	ppbv #	82
13) Ethanol	3.59	45	1454237	148.501	ppbv	96
15) Acetone	3.84	43	497181	4.129	ppbv	98
16) 1,3-Butadiene	3.30	39	1908	0.039	ppbv #	1
19) Isopropyl Alcohol	3.97	45	62924	0.937	ppbv #	1
20) Methylene Chloride	4.34	84	110585	2.541	ppbv	92
21) Allyl Chloride	4.37	41	11098	0.167	ppbv #	1
23) Vinyl Acetate	5.08	43	10227	0.068	ppbv #	15
25) Ethyl Acetate	5.70	43	212808	1.047	ppbv #	82
26) Hexane	5.70	57	265192	3.061	ppbv #	43
27) Carbon Disulfide	4.56	76	3955	0.044	ppbv #	30
29) Chloroform	5.77	83	6192	0.045	ppbv	92
30) Cyclohexane	7.16	84	10611	0.167	ppbv #	31
34) 2-Butanone	5.26	43	43178	0.299	ppbv	96
36) Benzene	6.92	78	120306	0.711	ppbv	99
39) 1,2-Dichloropropane	7.20	63	495228	6.793	ppbv #	21
44) 2,2,4-Trimethylpentane	7.90	57	38580	0.123	ppbv #	40
52) Tetrachloroethene	11.27	164	2994	0.045	ppbv #	71
53) Toluene	9.85	91	571317	3.058	ppbv	99
58) Ethyl Benzene	12.76	91	99005	0.425	ppbv #	89
59) m/p-Xylene	13.06	91	57122	0.283	ppbv #	32
60) o-Xylene	13.75	91	103085	0.513	ppbv	99
72) 4-Ethyltoluene	15.90	105	17488	0.077	ppbv #	42
73) 1,3,5-Trimethylbenzene	16.06	105	24605	0.110	ppbv	88
74) 1,2,4-Trimethylbenzene	16.82	105	57653	0.247	ppbv #	68
76) 1,4-Dichlorobenzene	17.20	146	4189	0.031	ppbv #	22
79) Naphthalene	22.29	128	6729	0.039	ppbv #	86

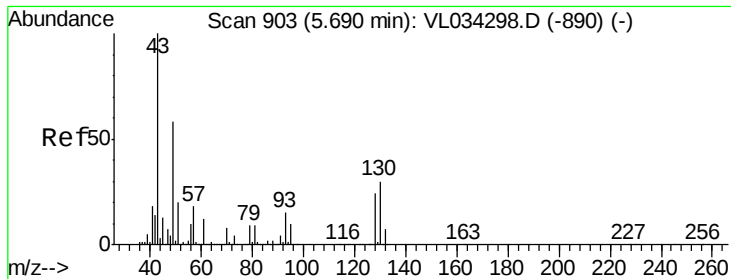
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL034356.D

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Instrument :

MSVOA_L

ClientSampleId :

SV-2DUP

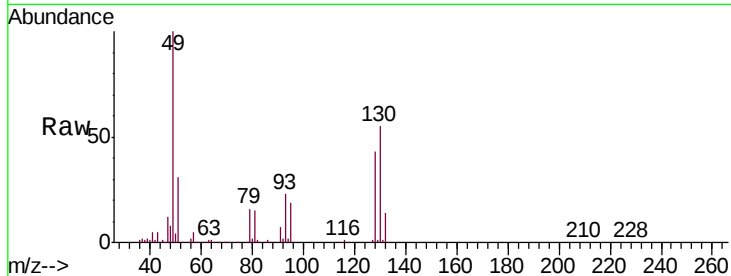
Tgt Ion: 49 Resp: 841794

Ion Ratio Lower Upper

49 100

128 44.2 20.6 61.8

130 56.6 26.2 78.5



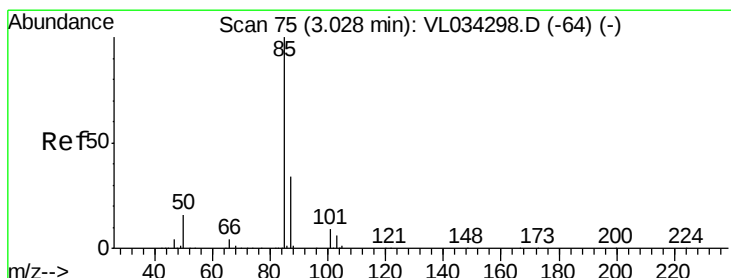
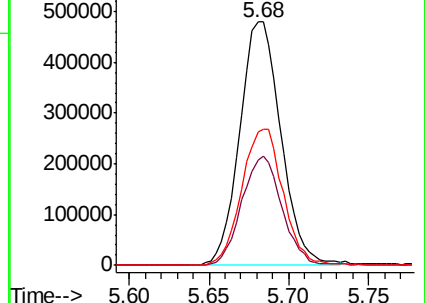
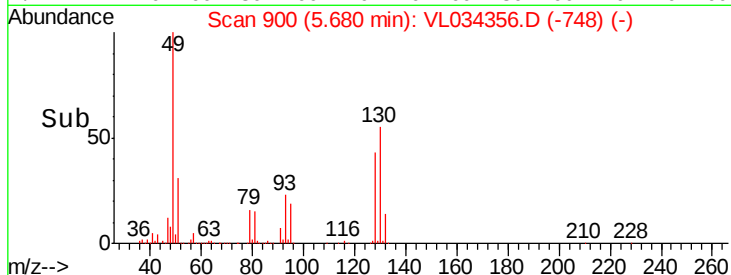
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 0.543 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.00 min

Lab File: VL034356.D

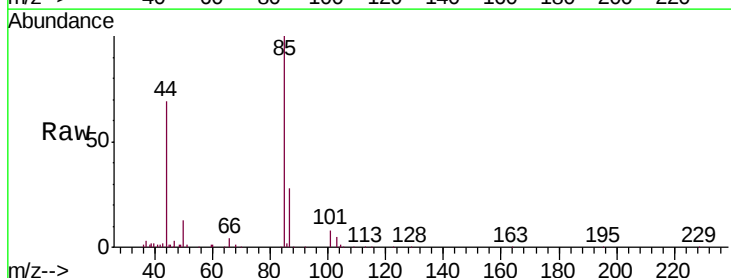
Acq: 24 Oct 2019 22:52

Tgt Ion: 85 Resp: 78812

Ion Ratio Lower Upper

85 100

87 28.1 27.0 40.6

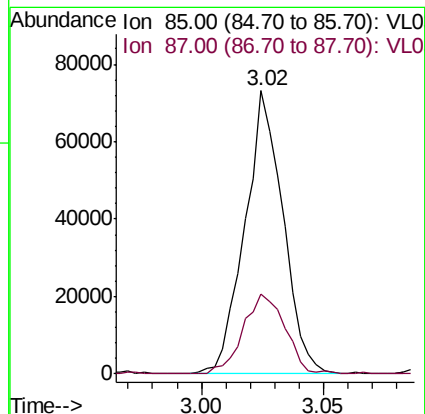
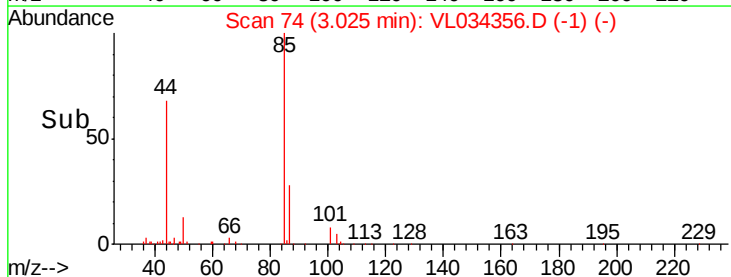


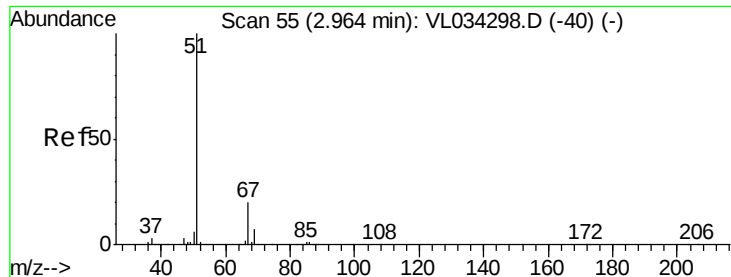
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.02

Time-->





#3

Chlorodifluoromethane

Concen: 0.696 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.00 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

Instrument :

MSVOA_L

ClientSampleId :

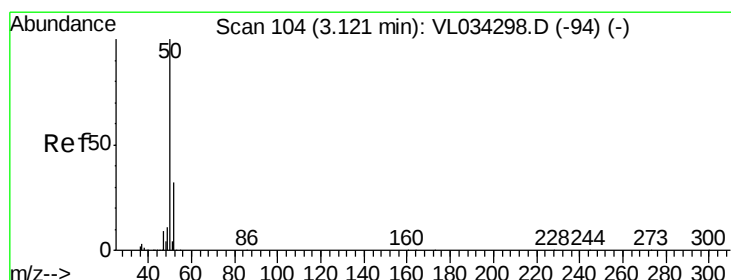
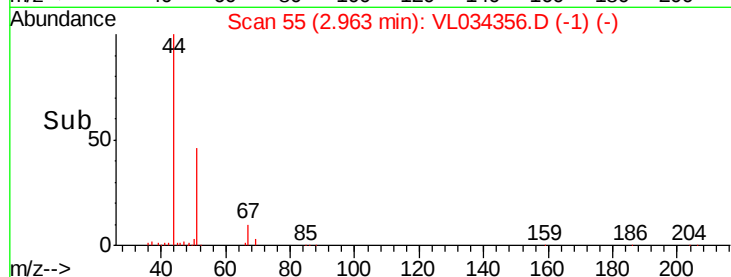
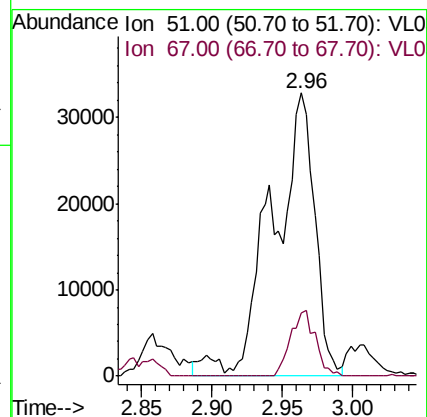
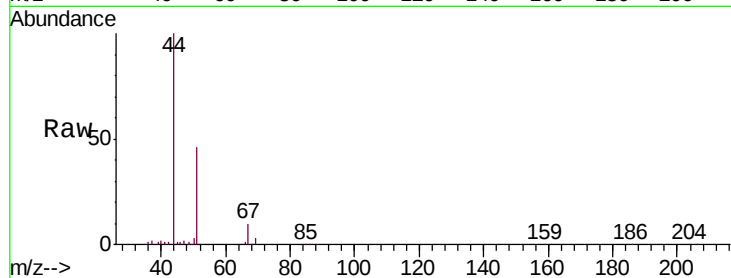
SV-2DUP

Tgt Ion: 51 Resp: 68710

Ion Ratio Lower Upper

51 100

67 13.4 15.8 23.8#



#4

Chloromethane

Concen: 0.431 ppbv

RT: 3.12 min Scan# 104

Delta R.T. -0.00 min

Lab File: VL034356.D

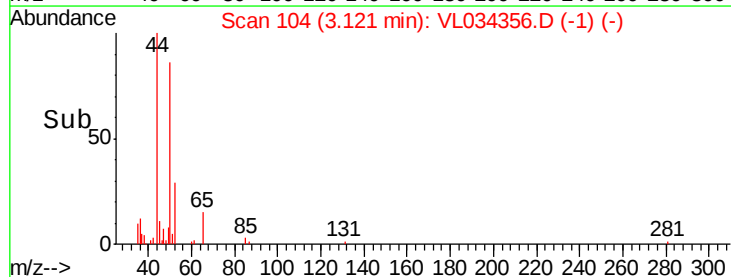
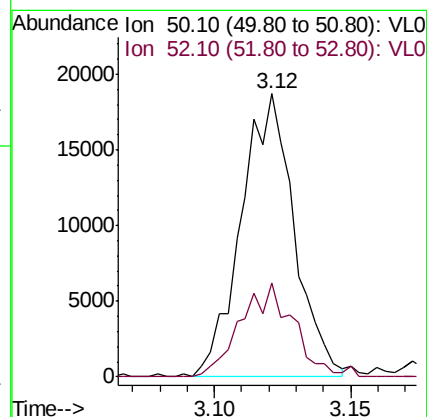
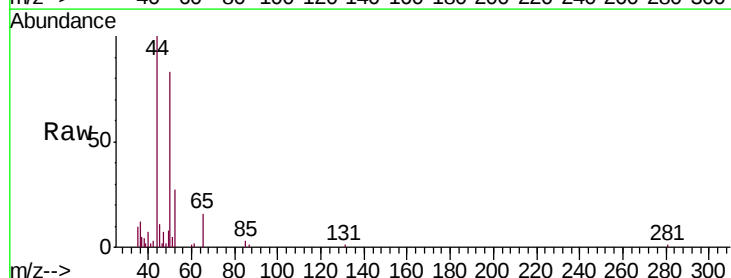
Acq: 24 Oct 2019 22:52

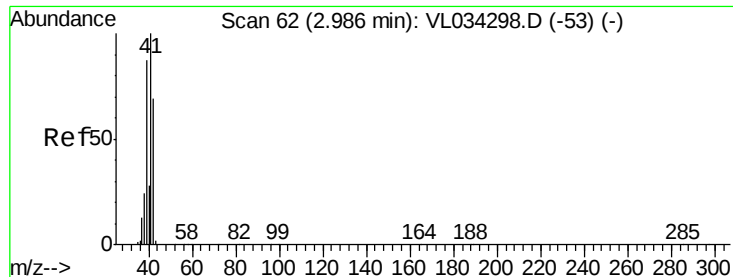
Tgt Ion: 50 Resp: 25143

Ion Ratio Lower Upper

50 100

52 33.5 25.4 38.2





#9

Propene

Concen: 1.758 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.20 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

Instrument :

MSVOA_L

ClientSampleId :

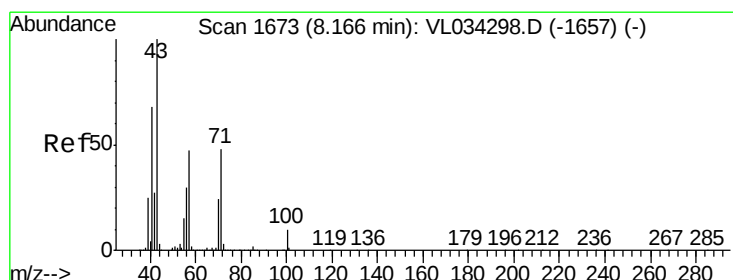
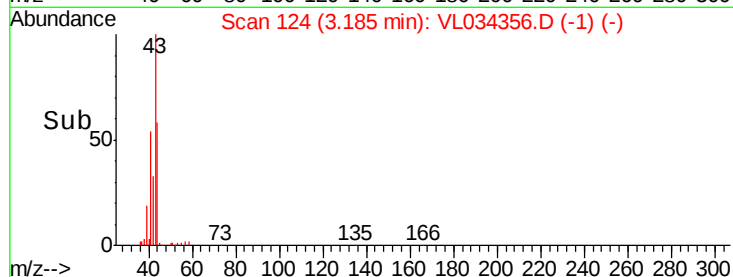
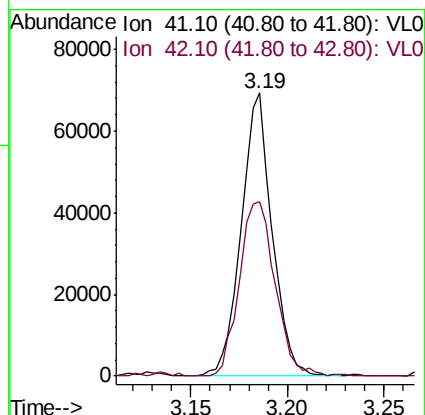
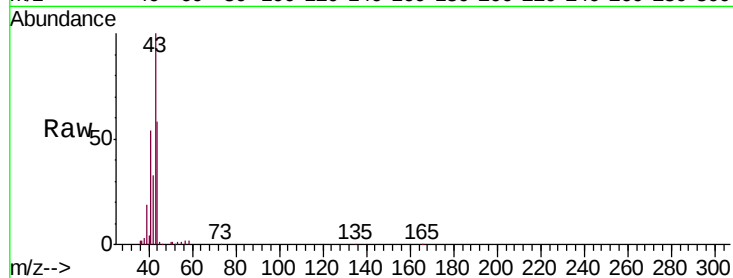
SV-2DUP

Tgt Ion: 41 Resp: 76894

Ion Ratio Lower Upper

41 100

42 73.1 53.9 80.9



#10

Heptane

Concen: 0.159 ppbv

RT: 8.15 min Scan# 1668

Delta R.T. -0.02 min

Lab File: VL034356.D

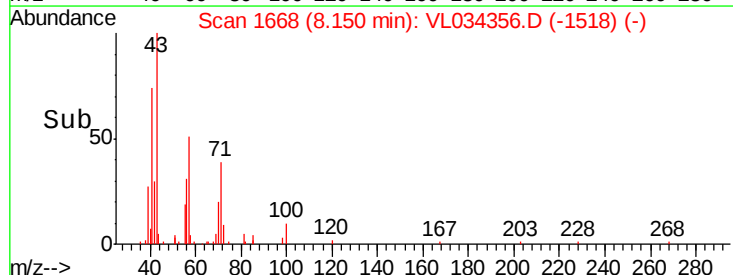
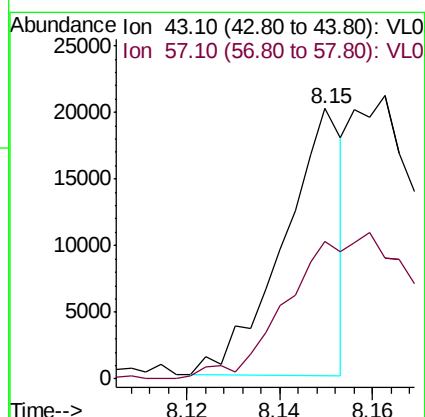
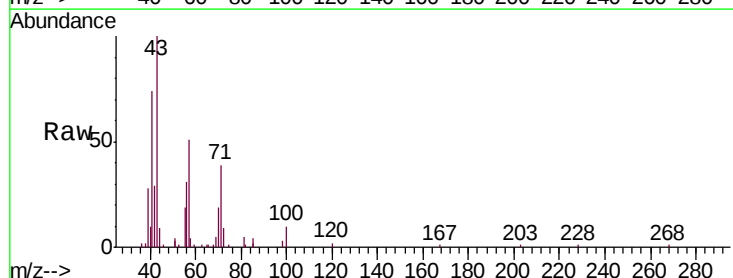
Acq: 24 Oct 2019 22:52

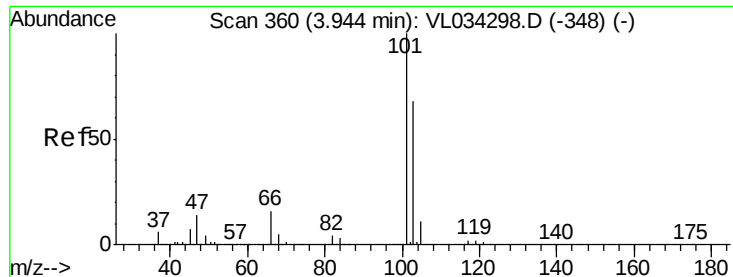
Tgt Ion: 43 Resp: 17815

Ion Ratio Lower Upper

43 100

57 0.0 39.5 59.3#

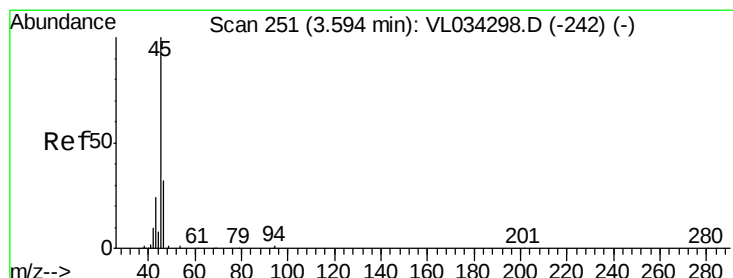
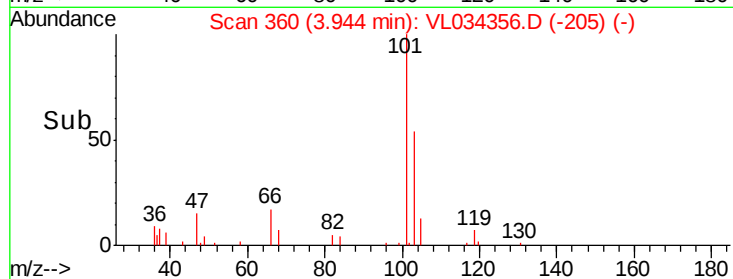
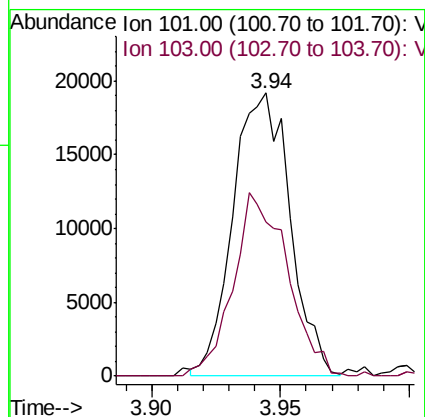
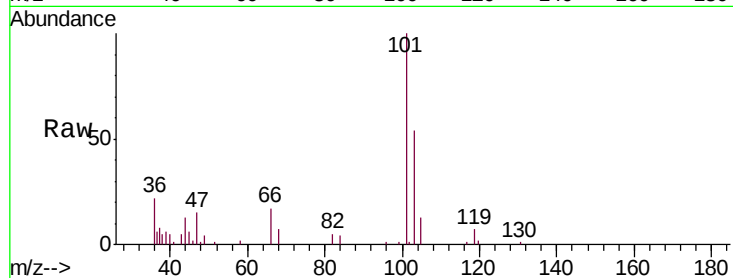




#11
 Trichlorofluoromethane
 Concen: 0.215 ppbv
 RT: 3.94 min Scan# 360
 Delta R.T. -0.00 min
 Lab File: VL034356.D
 Acq: 24 Oct 2019 22:52

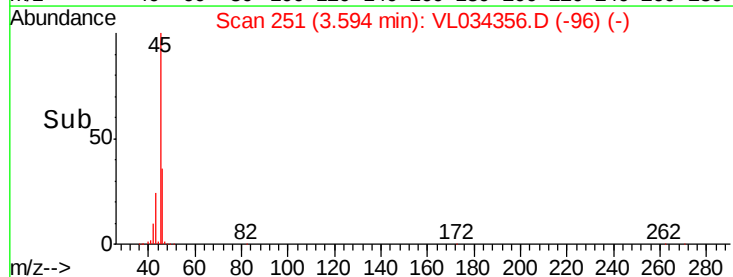
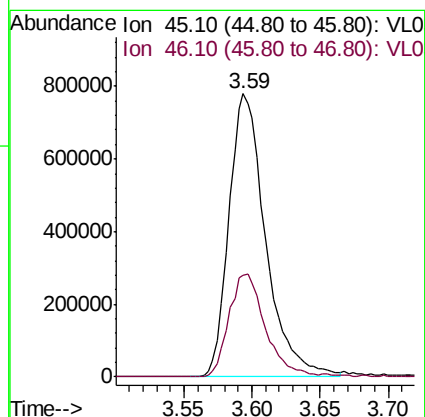
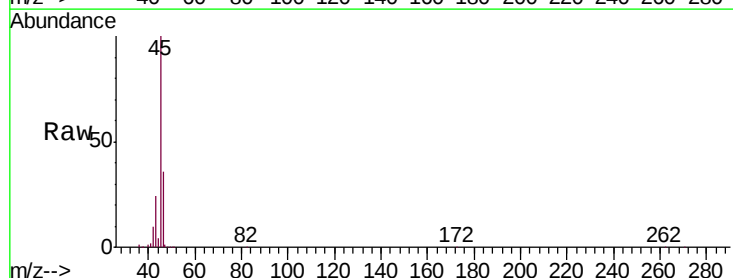
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DUP

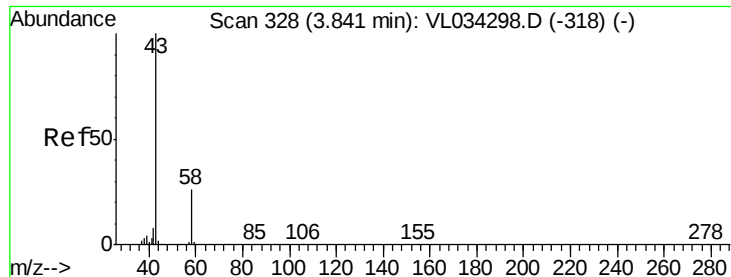
Tgt Ion: 101 Resp: 29624
 Ion Ratio Lower Upper
 101 100
 103 53.7 54.5 81.7#



#13
 Ethanol
 Concen: 148.501 ppbv
 RT: 3.59 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VL034356.D
 Acq: 24 Oct 2019 22:52

Tgt Ion: 45 Resp: 1454237
 Ion Ratio Lower Upper
 45 100
 46 36.8 15.8 63.2





#15

Acetone

Concen: 4.129 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

Instrument :

MSVOA_L

ClientSampleId :

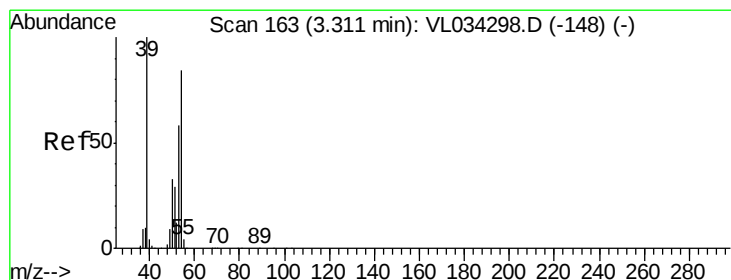
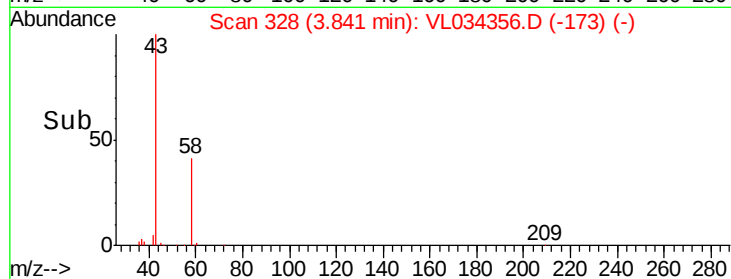
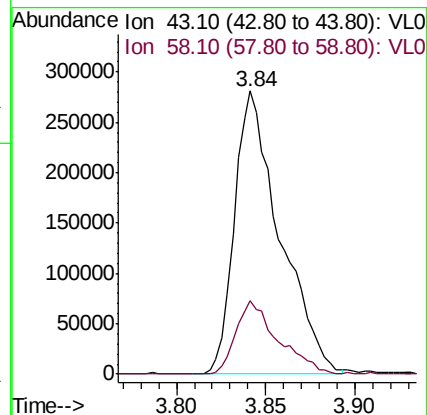
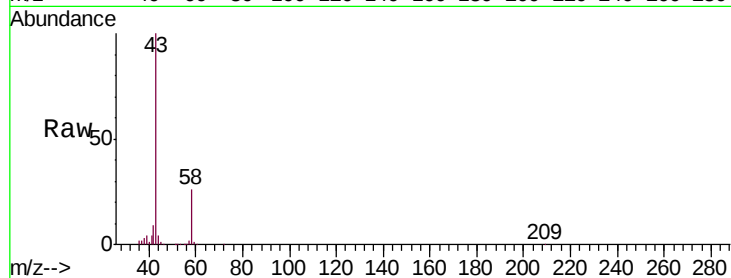
SV-2DUP

Tgt Ion: 43 Resp: 497181

Ion Ratio Lower Upper

43 100

58 24.6 20.4 30.6



#16

1,3-Butadiene

Concen: 0.039 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.01 min

Lab File: VL034356.D

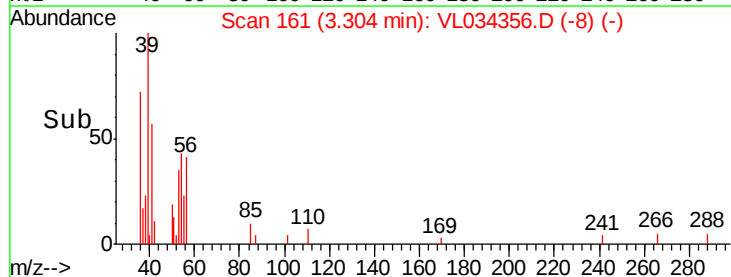
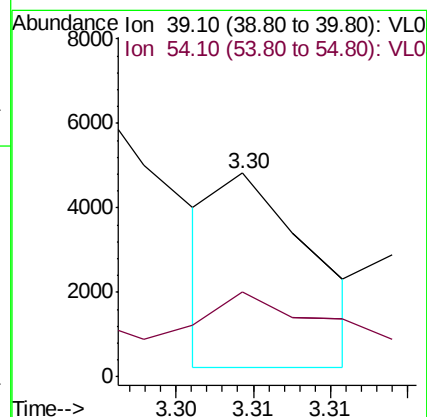
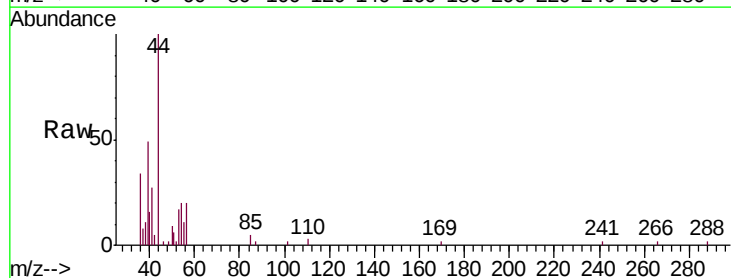
Acq: 24 Oct 2019 22:52

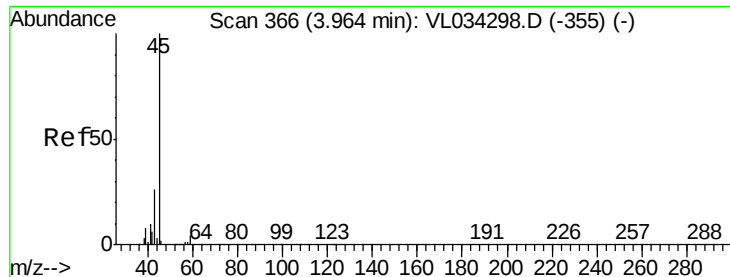
Tgt Ion: 39 Resp: 1908

Ion Ratio Lower Upper

39 100

54 179.4 63.9 95.9#





#19

Isopropyl Alcohol

Concen: 0.937 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.01 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

Instrument :

MSVOA_L

ClientSampleId :

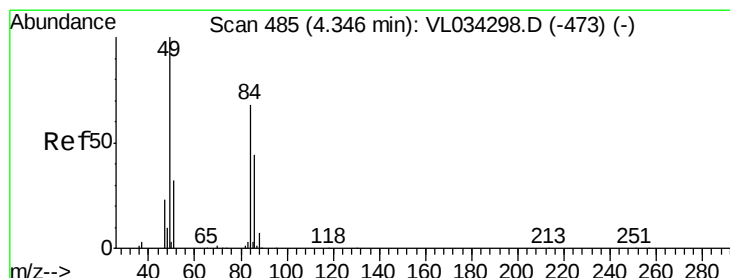
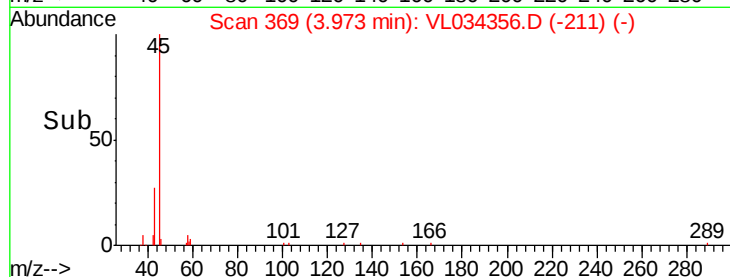
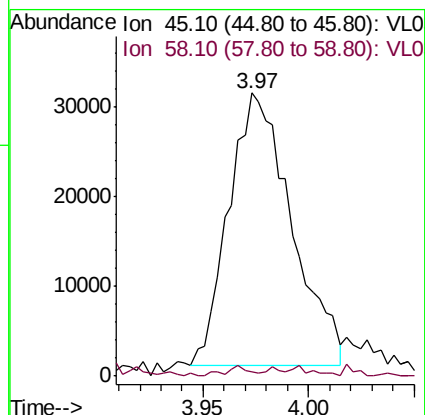
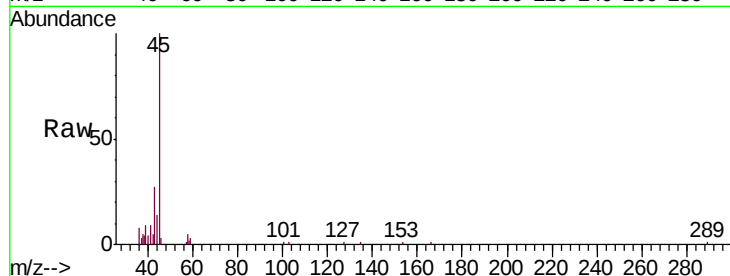
SV-2DUP

Tgt Ion: 45 Resp: 62924

Ion Ratio Lower Upper

45 100

58 193.3 1.4 2.2#



#20

Methylene Chloride

Concen: 2.541 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

Tgt Ion: 84 Resp: 110585

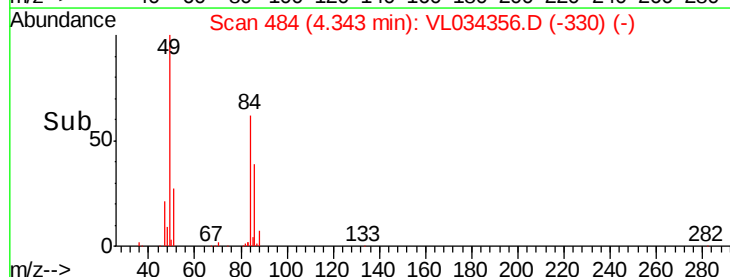
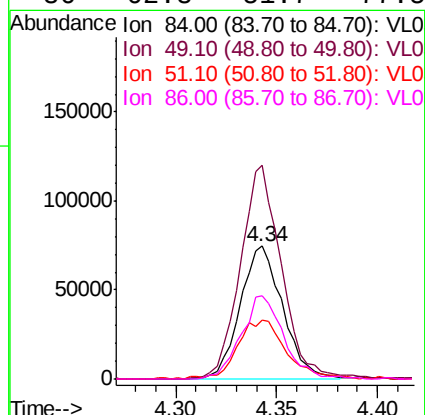
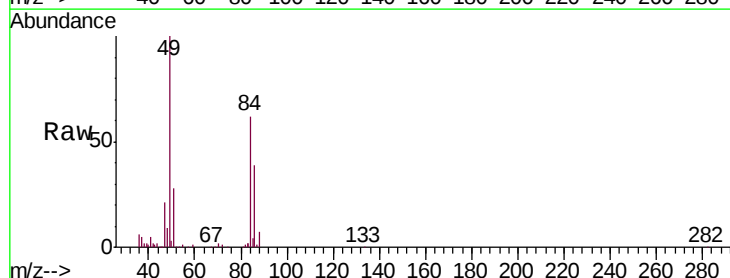
Ion Ratio Lower Upper

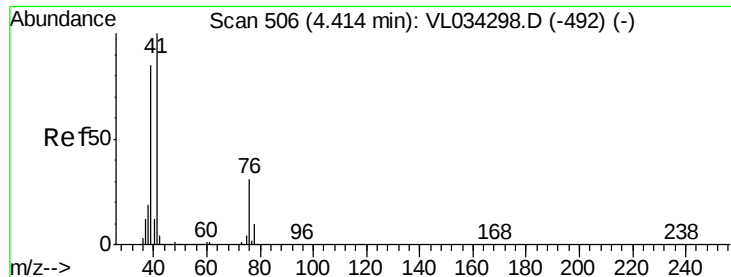
84 100

49 159.7 118.5 177.7

51 42.2 38.8 58.2

86 62.8 51.7 77.5





#21

Allyl Chloride

Concen: 0.167 ppbv

RT: 4.37 min Scan# 492

Delta R.T. -0.05 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

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SV-2DUP

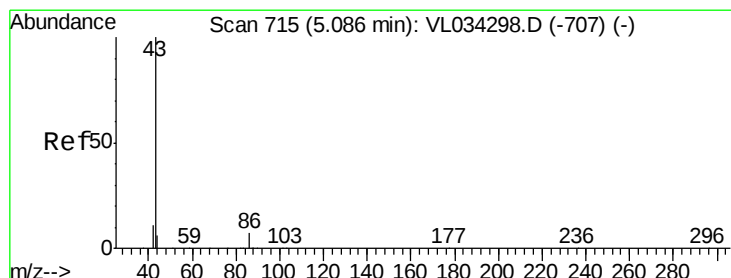
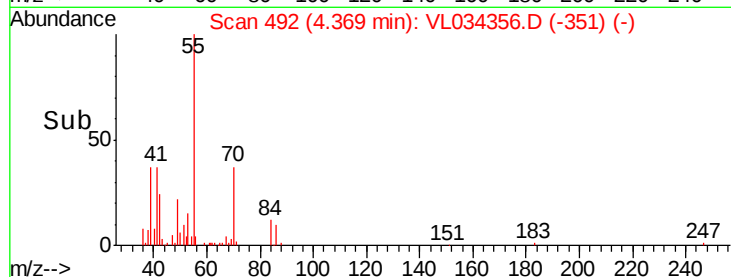
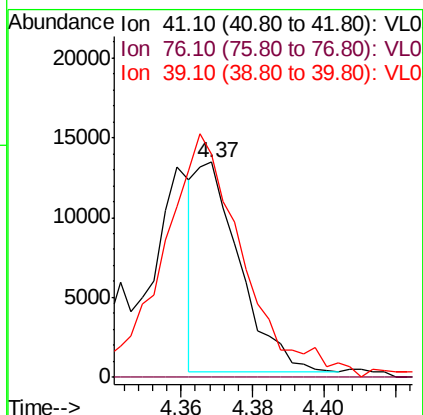
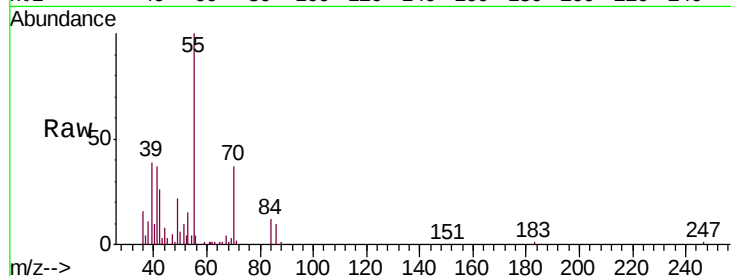
Tgt Ion: 41 Resp: 11098

Ion Ratio Lower Upper

41 100

76 0.0 22.8 34.2#

39 207.3 66.0 99.0#



#23

Vinyl Acetate

Concen: 0.068 ppbv

RT: 5.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

Tgt Ion: 43 Resp: 10227

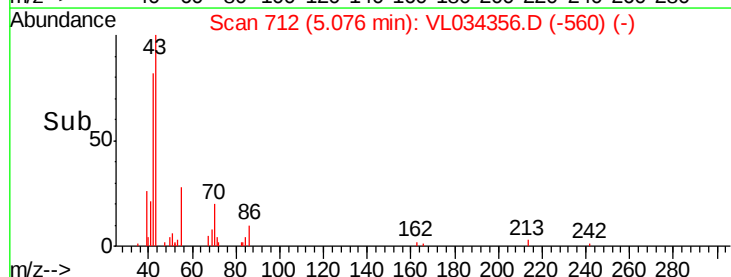
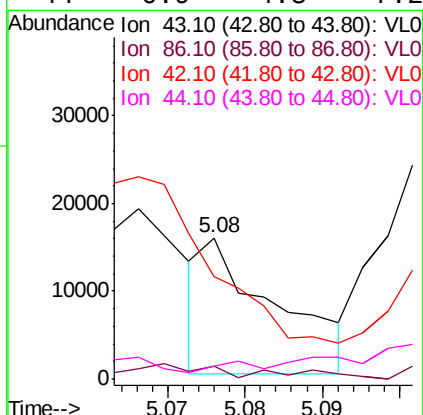
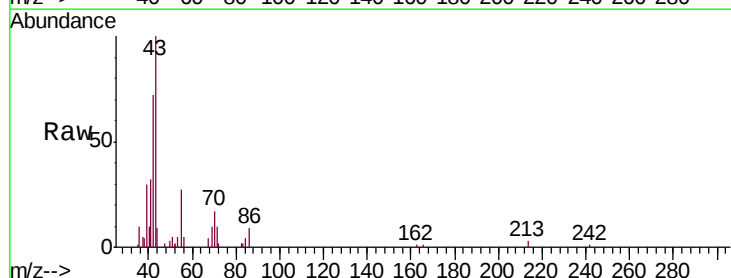
Ion Ratio Lower Upper

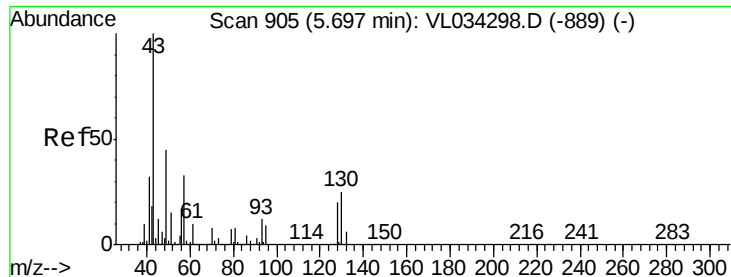
43 100

86 8.8 5.0 7.4#

42 77.3 8.6 13.0#

44 6.9 4.8 7.2

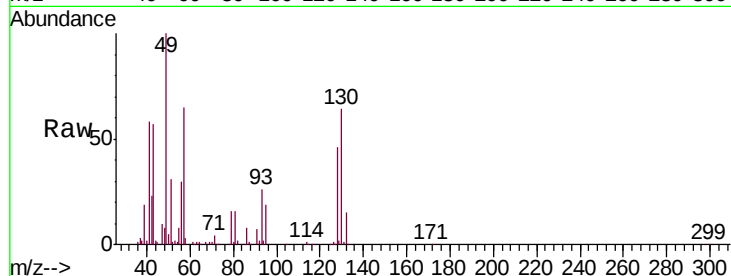




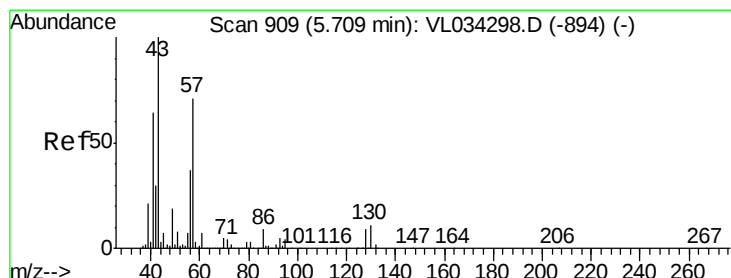
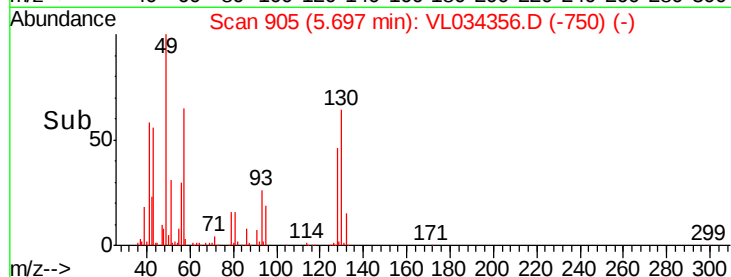
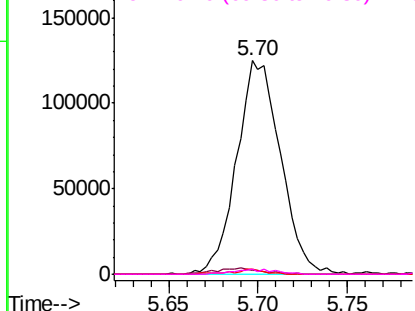
#25
Ethyl Acetate
Concen: 1.047 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.00 min
Lab File: VL034356.D
Acq: 24 Oct 2019 22:52

Instrument :
MSVOA_L
ClientSampleId :
SV-2DUP

Tgt Ion:	43	Resp:	212808
Ion	Ratio	Lower	Upper
43	100		
45	3.2	8.3	12.5#
61	1.9	7.7	11.5#
70	2.3	5.4	8.2#

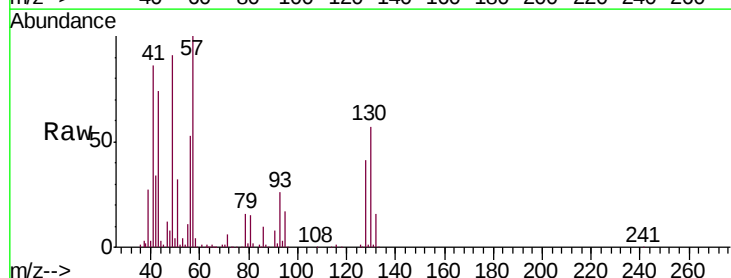


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

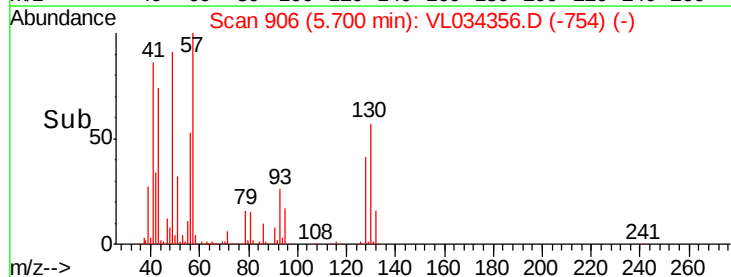
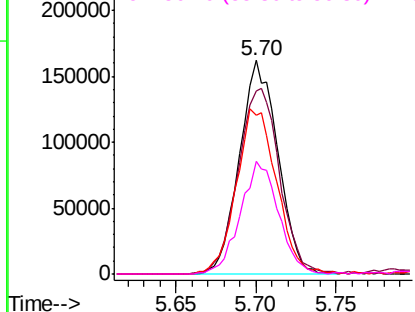


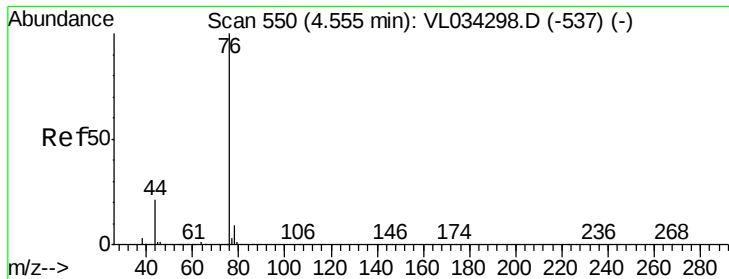
#26
Hexane
Concen: 3.061 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.01 min
Lab File: VL034356.D
Acq: 24 Oct 2019 22:52

Tgt Ion:	57	Resp:	265192
Ion	Ratio	Lower	Upper
57	100		
41	93.8	76.5	114.7
43	81.4	188.5	282.7#
56	52.2	42.8	64.2



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





#27

Carbon Disulfide

Concen: 0.044 ppbv

RT: 4.56 min Scan# 551

Delta R.T. 0.00 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

Instrument :

MSVOA_L

ClientSampleId :

SV-2DUP

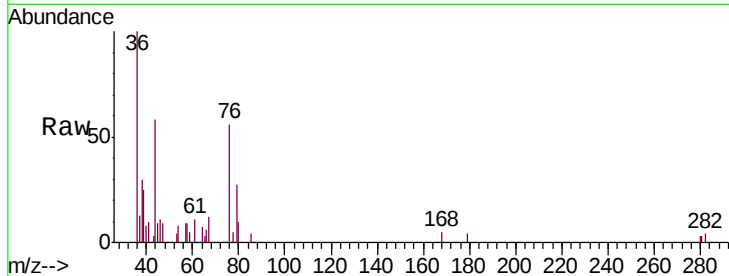
Tgt Ion: 76 Resp: 3955

Ion Ratio Lower Upper

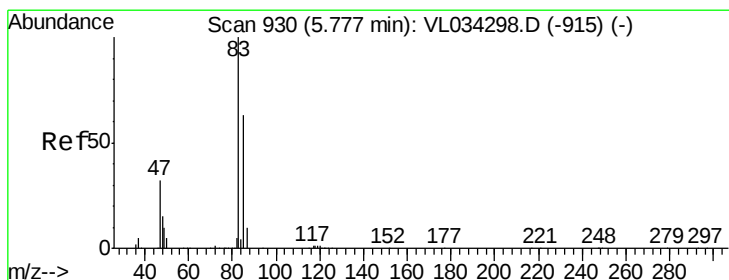
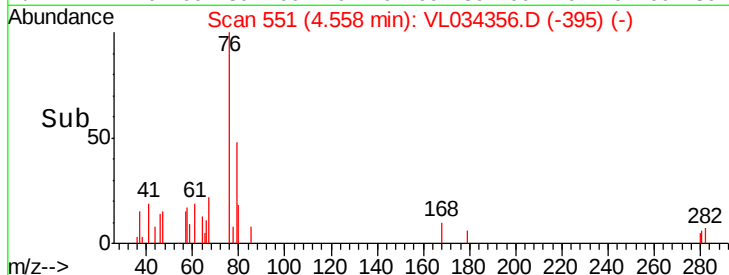
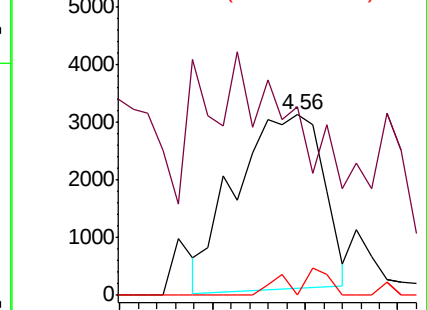
76 100

44 66.9 17.3 25.9#

78 5.1 7.8 11.6#



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 0.045 ppbv

RT: 5.77 min Scan# 927

Delta R.T. -0.01 min

Lab File: VL034356.D

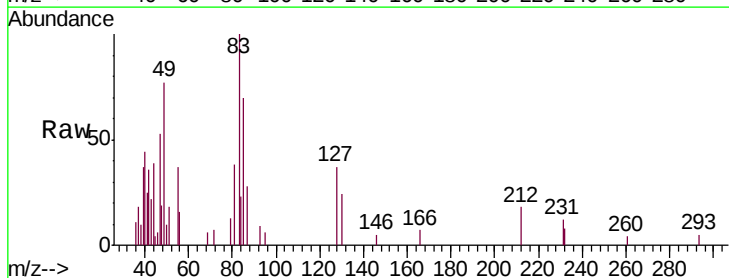
Acq: 24 Oct 2019 22:52

Tgt Ion: 83 Resp: 6192

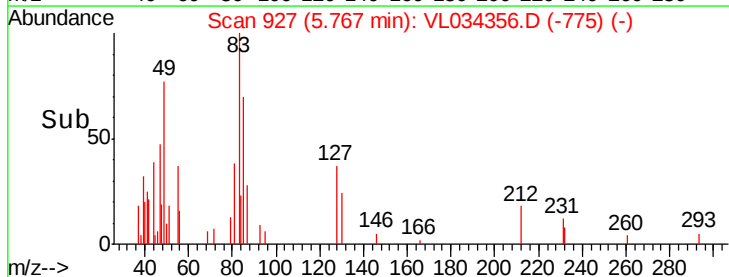
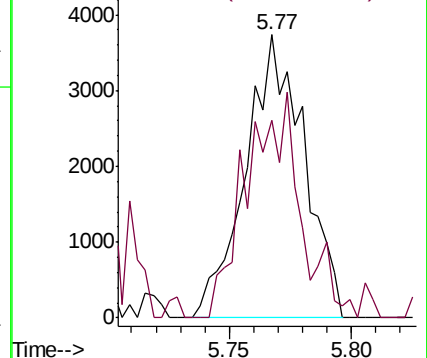
Ion Ratio Lower Upper

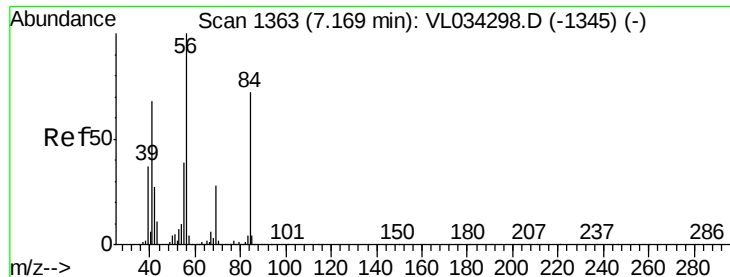
83 100

85 69.7 50.5 75.7



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

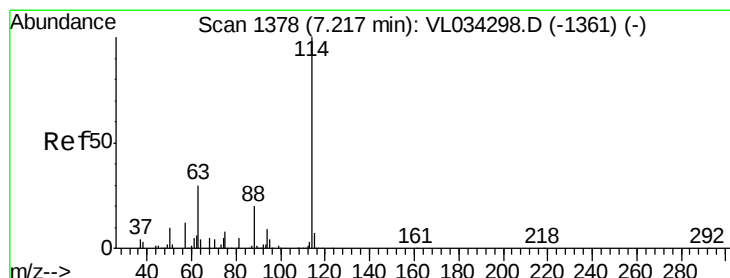
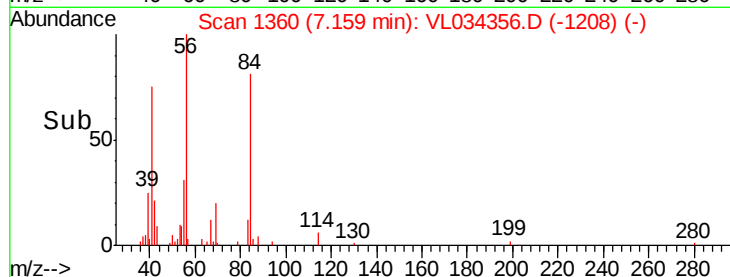
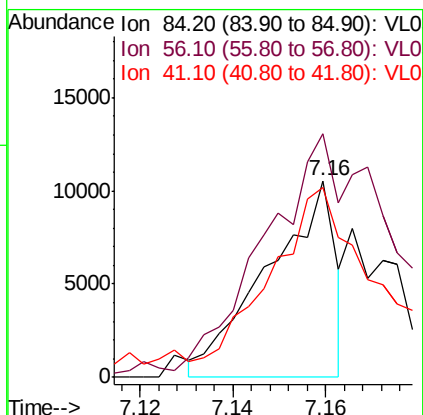
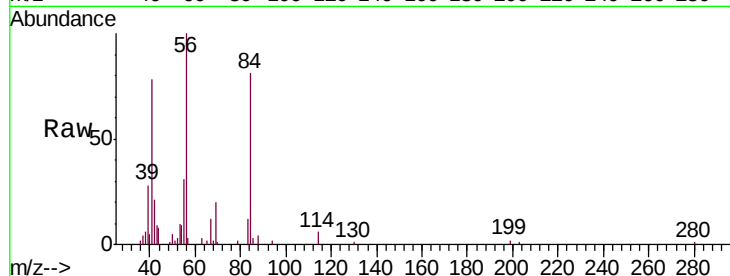




#30
Cyclohexane
Concen: 0.167 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.01 min
Lab File: VL034356.D
Acq: 24 Oct 2019 22:52

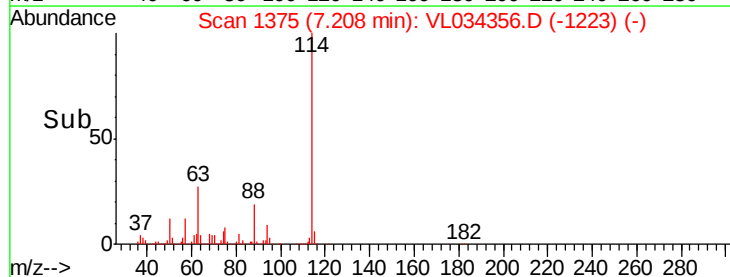
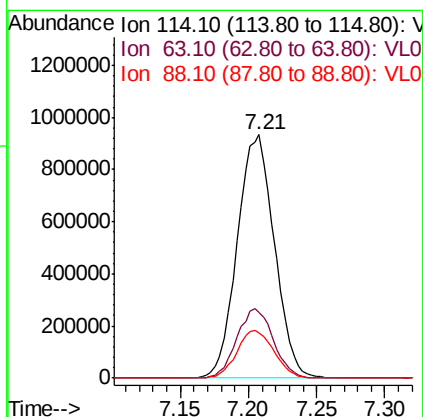
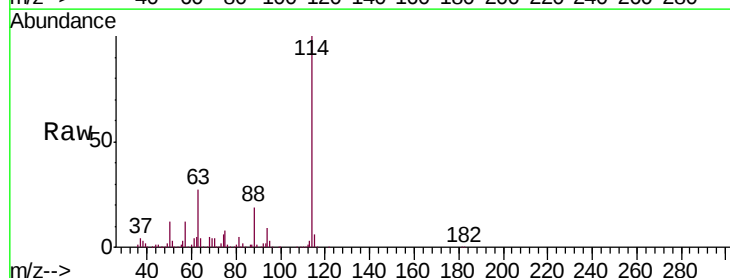
Instrument :
MSVOA_L
ClientSampleId :
SV-2DUP

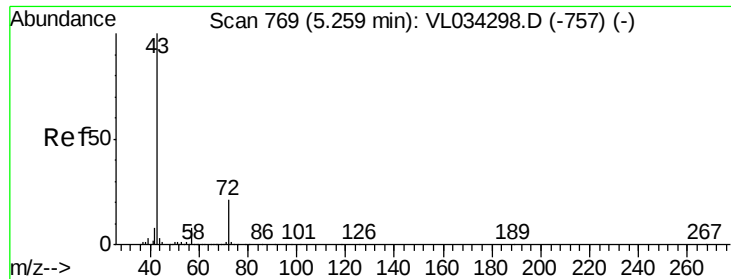
Tgt Ion: 84 Resp: 10611
Ion Ratio Lower Upper
84 100
56 224.3 119.4 179.0#
41 180.9 78.7 118.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VL034356.D
Acq: 24 Oct 2019 22:52

Tgt Ion: 114 Resp: 1764622
Ion Ratio Lower Upper
114 100
63 28.3 25.2 37.8
88 19.6 16.0 24.0

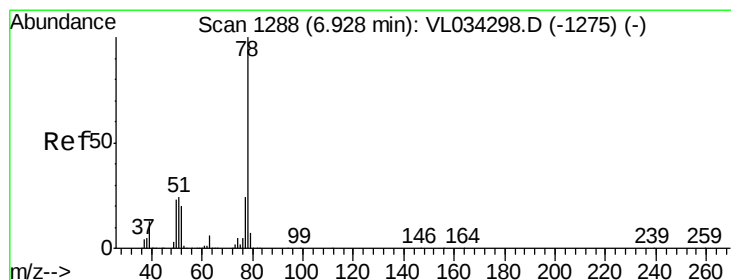
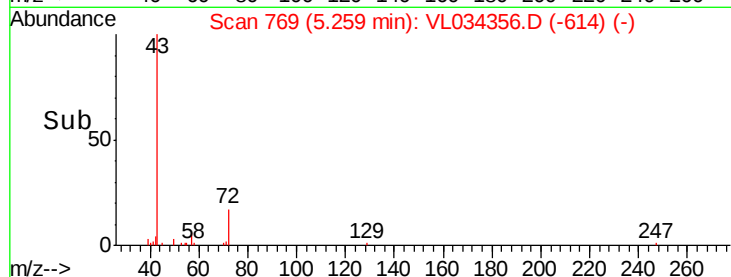
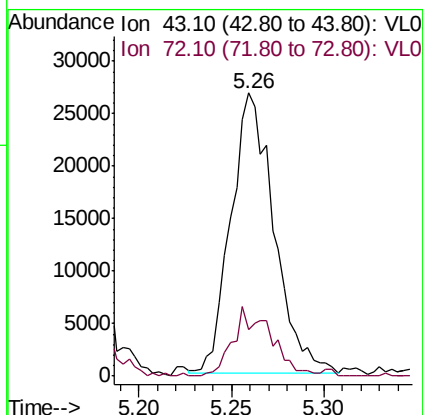
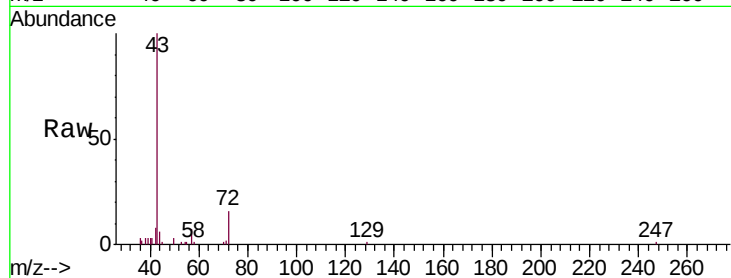




#34
 2-Butanone
 Concen: 0.299 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: VL034356.D
 Acq: 24 Oct 2019 22:52

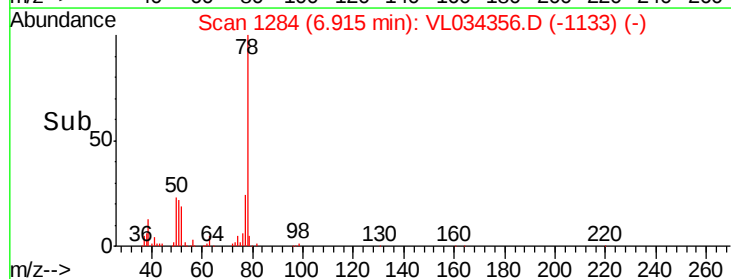
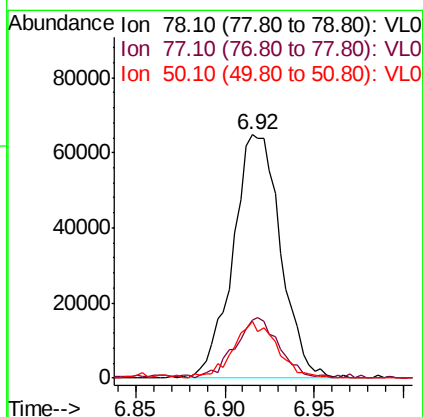
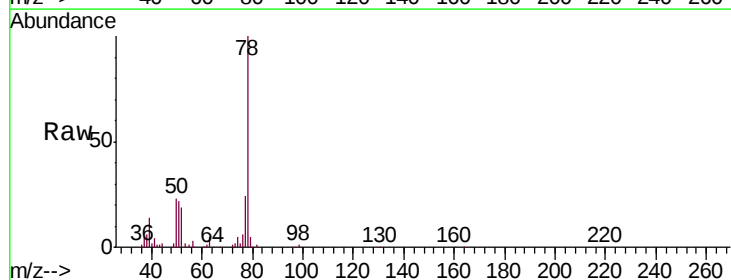
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DUP

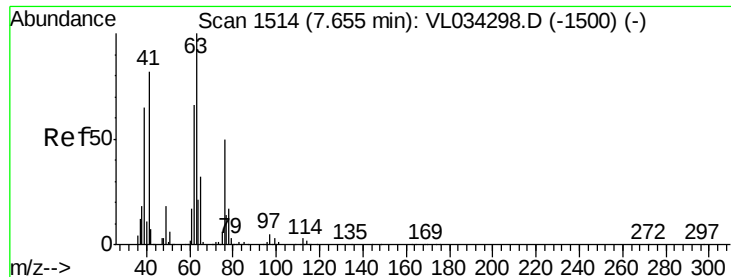
Tgt Ion: 43 Resp: 43178
 Ion Ratio Lower Upper
 43 100
 72 22.3 16.3 24.5



#36
 Benzene
 Concen: 0.711 ppbv
 RT: 6.92 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VL034356.D
 Acq: 24 Oct 2019 22:52

Tgt Ion: 78 Resp: 120306
 Ion Ratio Lower Upper
 78 100
 77 23.0 19.0 28.4
 50 23.2 18.6 27.8

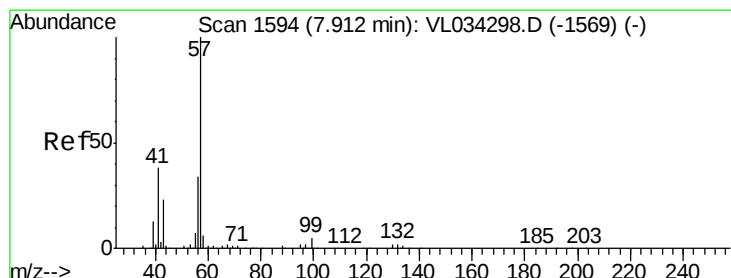
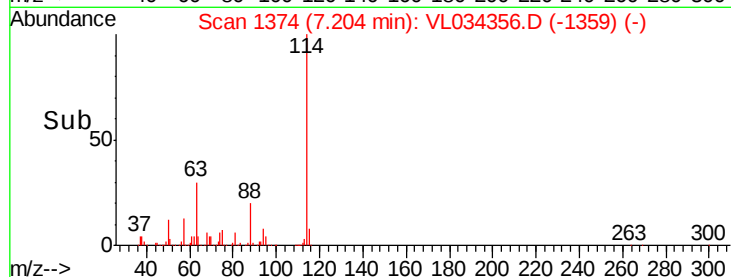
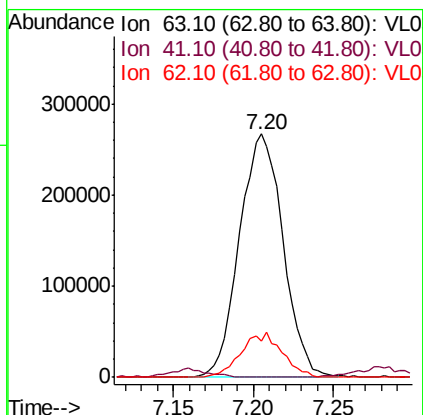
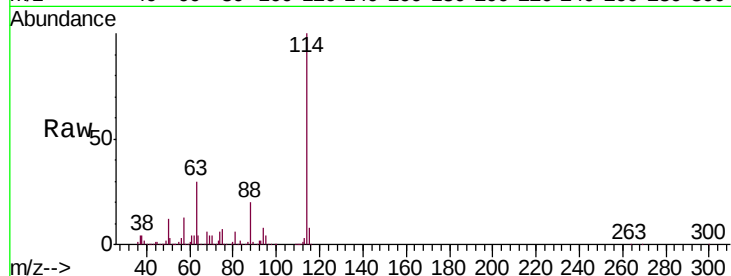




#39
 1,2-Dichloropropane
 Concen: 6.793 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.45 min
 Lab File: VL034356.D
 Acq: 24 Oct 2019 22:52

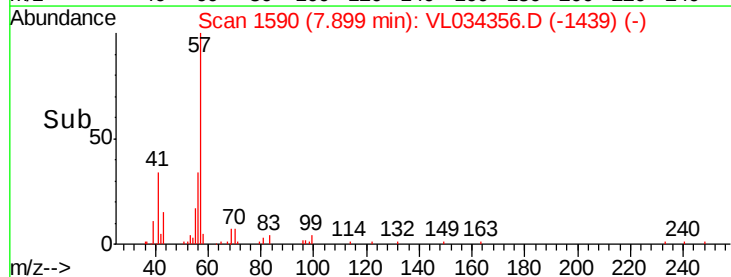
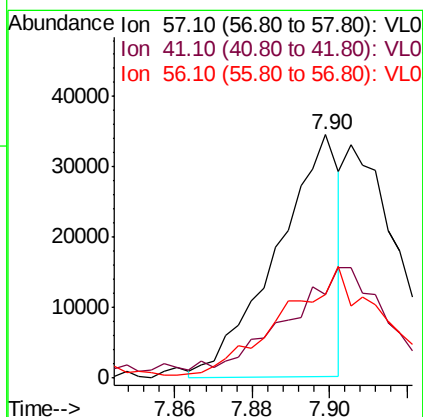
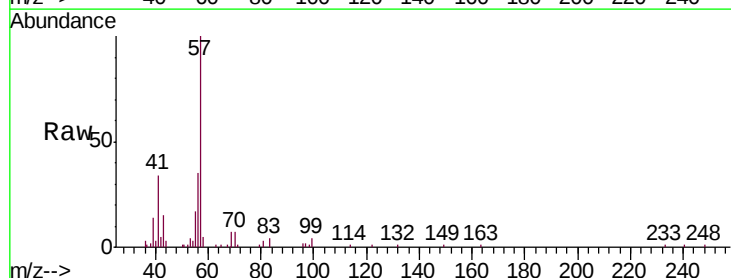
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DUP

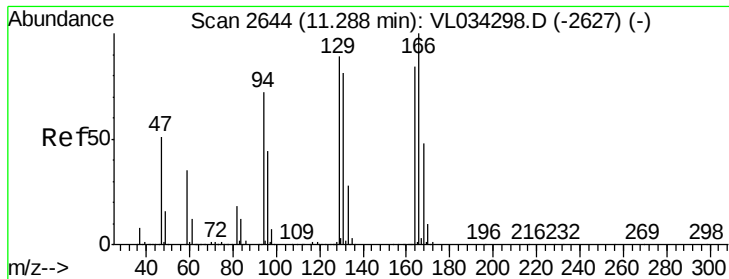
Tgt Ion: 63 Resp: 495228
 Ion Ratio Lower Upper
 63 100
 41 0.0 65.6 98.4#
 62 14.9 53.0 79.6#



#44
 2,2,4-Trimethylpentane
 Concen: 0.123 ppbv
 RT: 7.90 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: VL034356.D
 Acq: 24 Oct 2019 22:52

Tgt Ion: 57 Resp: 38580
 Ion Ratio Lower Upper
 57 100
 41 0.0 29.3 43.9#
 56 0.0 25.3 37.9#





#52

Tetrachloroethene

Concen: 0.045 ppbv

RT: 11.27 min Scan# 2637

Delta R.T. -0.02 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

Instrument :

MSVOA_L

ClientSampleId :

SV-2DUP

Tgt Ion:164 Resp: 2994

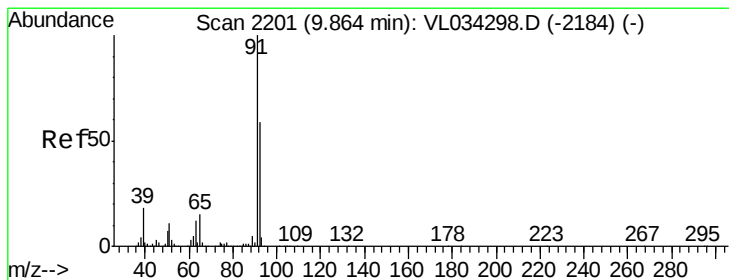
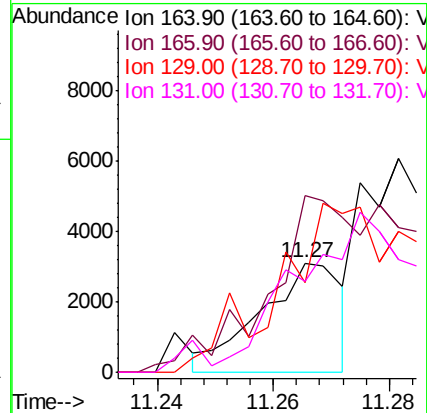
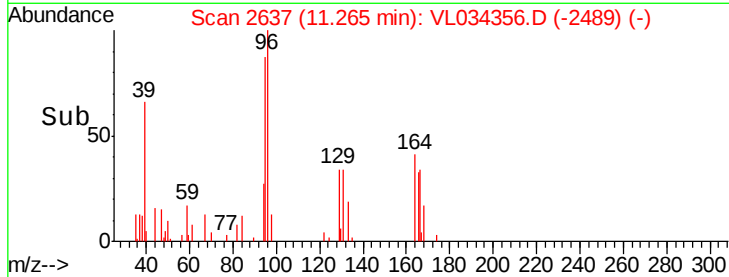
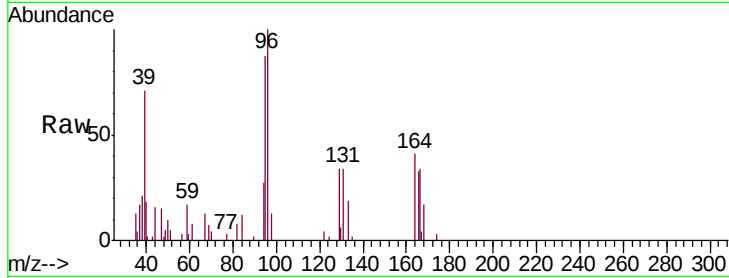
Ion Ratio Lower Upper

164 100

166 154.6 95.3 142.9#

129 83.2 84.5 126.7#

131 65.6 77.3 115.9#



#53

Toluene

Concen: 3.058 ppbv

RT: 9.85 min Scan# 2198

Delta R.T. -0.01 min

Lab File: VL034356.D

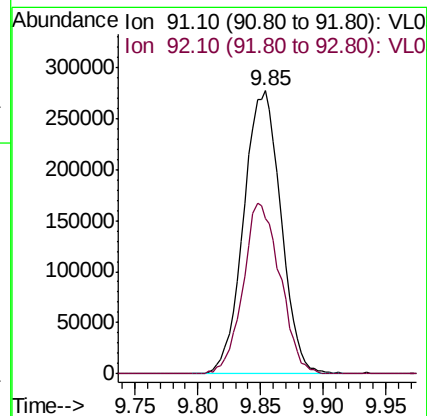
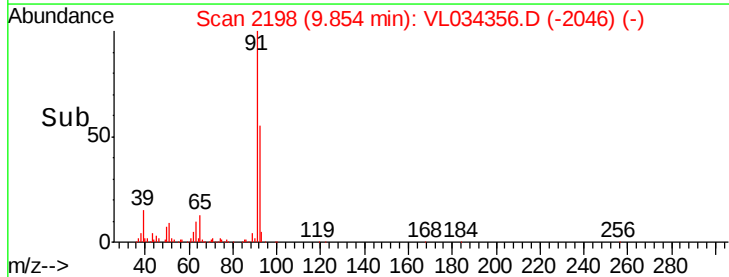
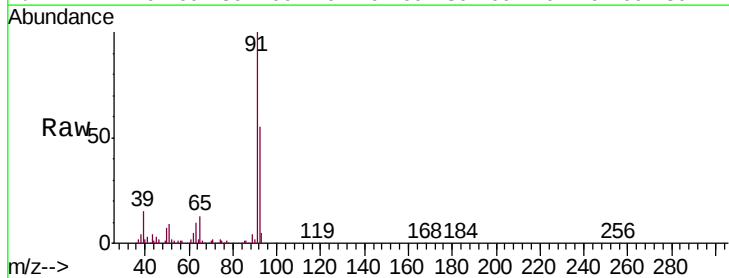
Acq: 24 Oct 2019 22:52

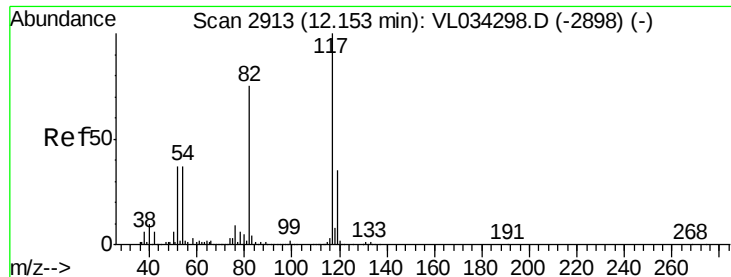
Tgt Ion: 91 Resp: 571317

Ion Ratio Lower Upper

91 100

92 59.8 48.4 72.6

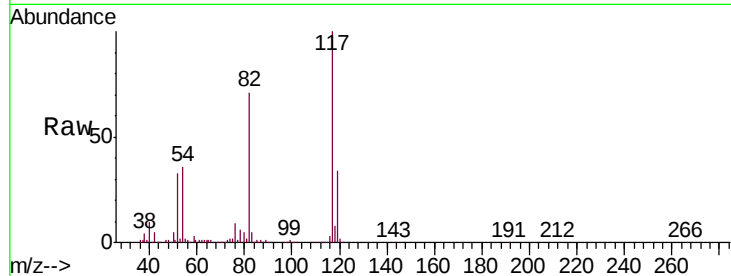




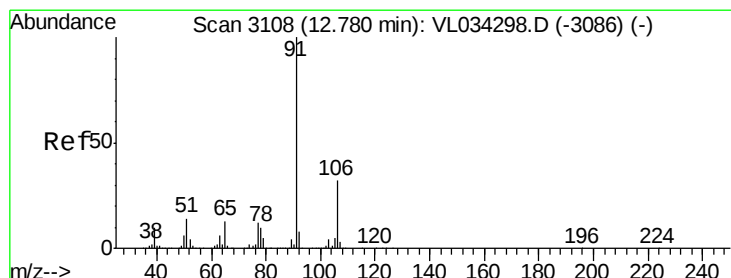
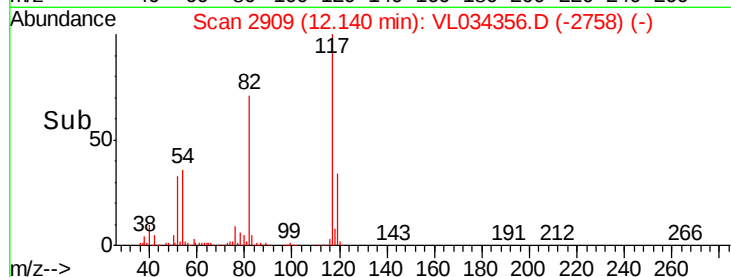
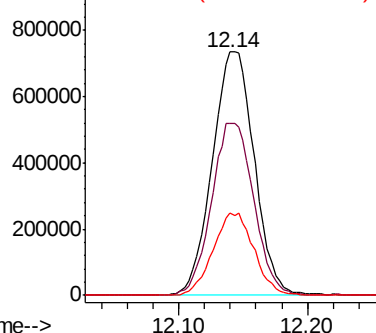
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.01 min
Lab File: VL034356.D
Acq: 24 Oct 2019 22:52

Instrument :
MSVOA_L
ClientSampleId :
SV-2DUP

Tgt Ion: 117 Resp: 1665784
Ion Ratio Lower Upper
117 100
82 71.0 55.5 83.3
119 33.1 26.5 39.7

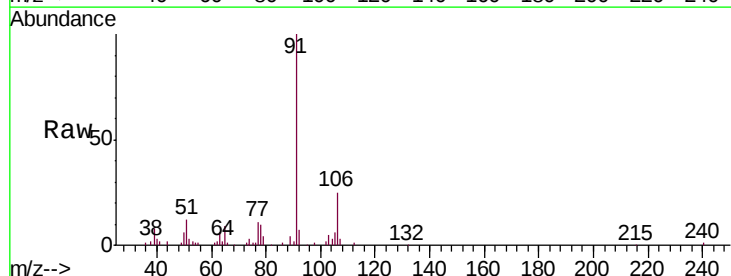


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

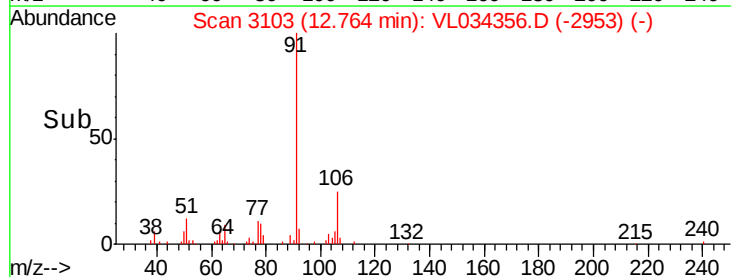
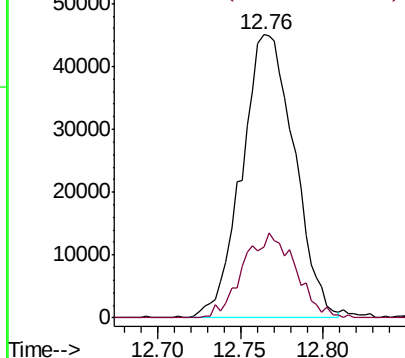


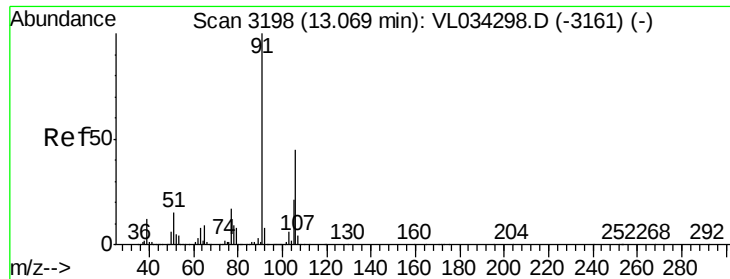
#58
Ethyl Benzene
Concen: 0.425 ppbv
RT: 12.76 min Scan# 3103
Delta R.T. -0.02 min
Lab File: VL034356.D
Acq: 24 Oct 2019 22:52

Tgt Ion: 91 Resp: 99005
Ion Ratio Lower Upper
91 100
106 25.2 25.3 37.9#



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

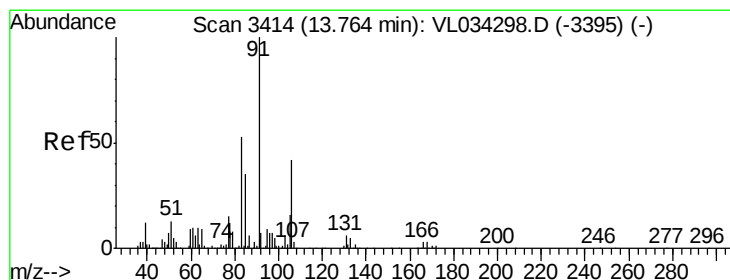
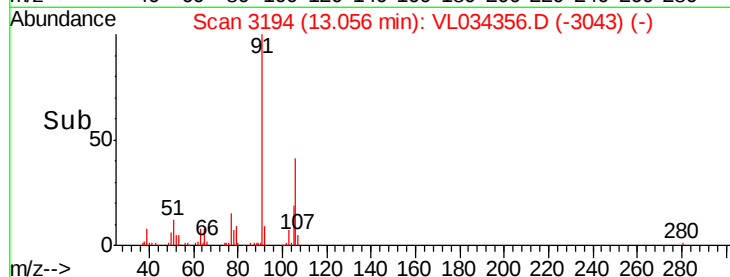
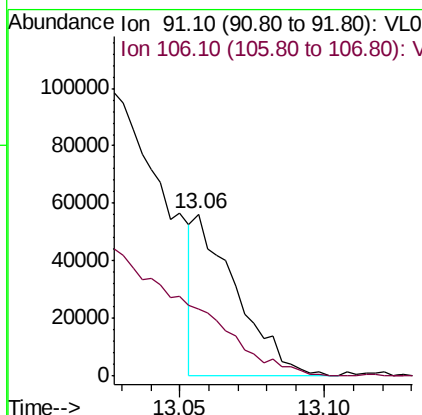
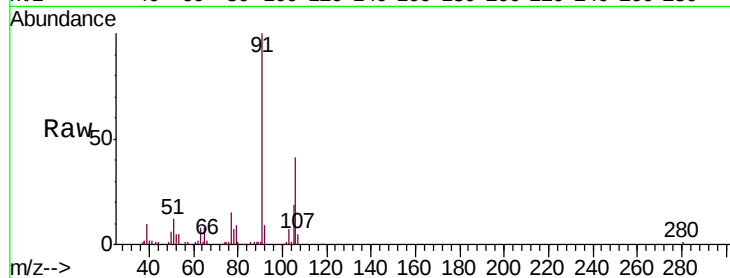




#59
m/p-Xylene
Concen: 0.283 ppbv
RT: 13.06 min Scan# 3194
Delta R.T. -0.01 min
Lab File: VL034356.D
Acq: 24 Oct 2019 22:52

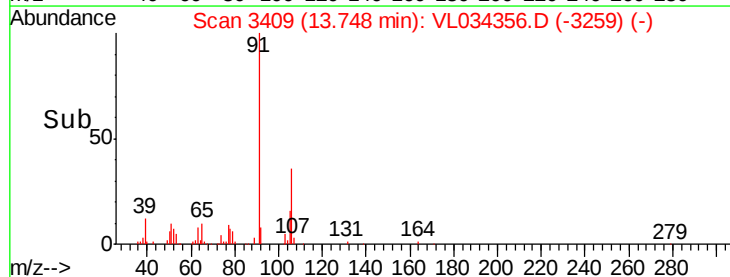
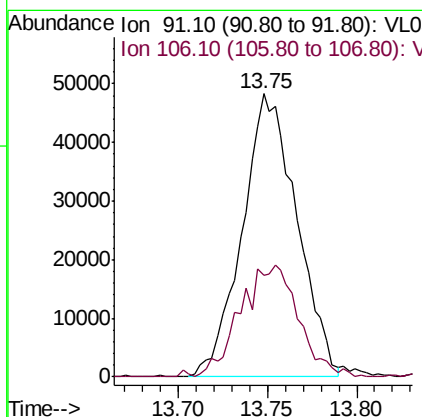
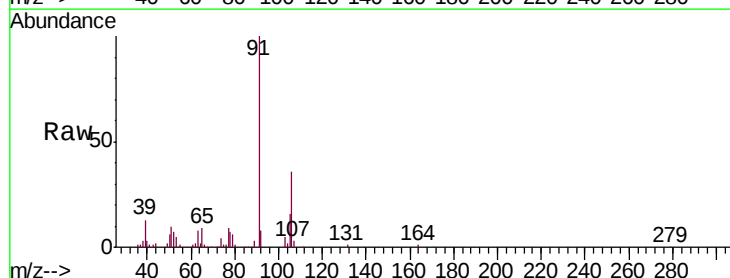
Instrument :
MSVOA_L
ClientSampleId :
SV-2DUP

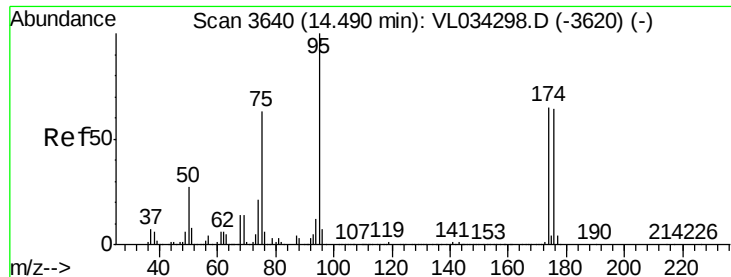
Tgt Ion: 91 Resp: 57122
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#



#60
o-Xylene
Concen: 0.513 ppbv
RT: 13.75 min Scan# 3409
Delta R.T. -0.02 min
Lab File: VL034356.D
Acq: 24 Oct 2019 22:52

Tgt Ion: 91 Resp: 103085
Ion Ratio Lower Upper
91 100
106 42.4 21.6 64.6

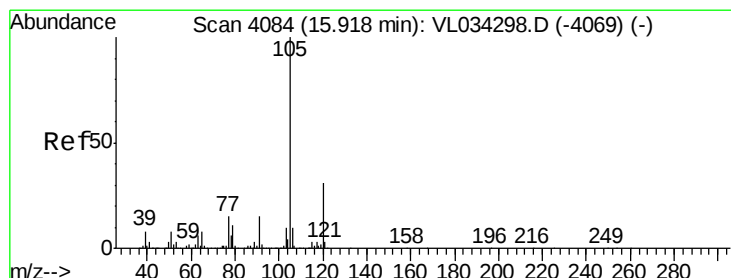
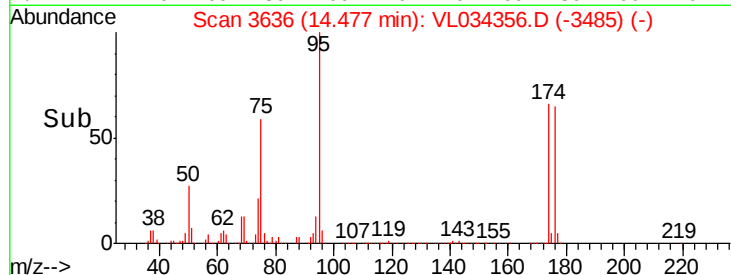
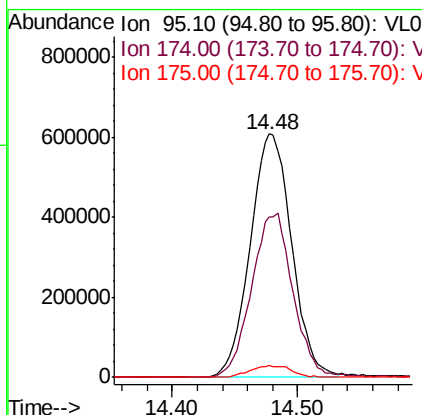
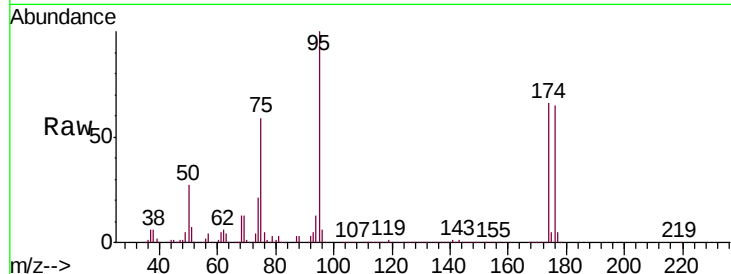




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.923 ppbv
 RT: 14.48 min Scan# 3636
 Delta R.T. -0.01 min
 Lab File: VL034356.D
 Acq: 24 Oct 2019 22:52

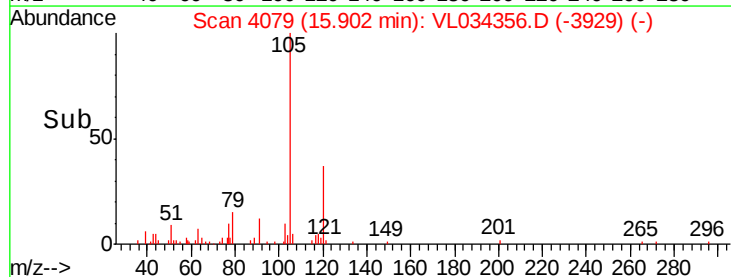
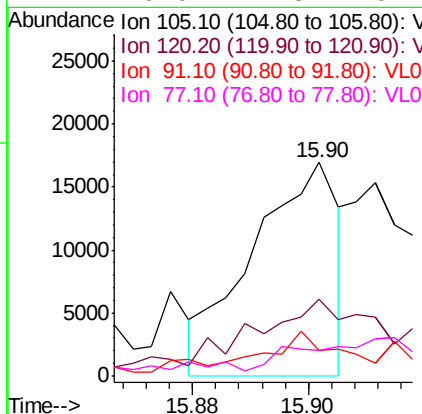
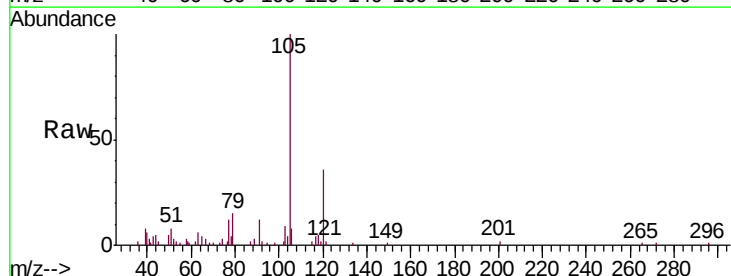
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DUP

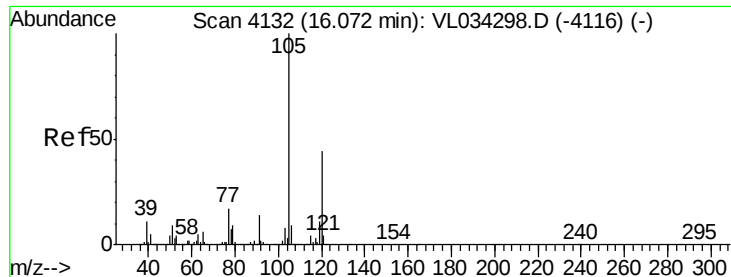
Tgt Ion: 95 Resp: 1399885
 Ion Ratio Lower Upper
 95 100
 174 67.6 52.6 78.8
 175 4.9 3.8 5.6



#72
 4-Ethyltoluene
 Concen: 0.077 ppbv
 RT: 15.90 min Scan# 4079
 Delta R.T. -0.02 min
 Lab File: VL034356.D
 Acq: 24 Oct 2019 22:52

Tgt Ion: 105 Resp: 17488
 Ion Ratio Lower Upper
 105 100
 120 70.9 23.8 35.8#
 91 31.8 11.2 16.8#
 77 0.0 12.8 19.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.110 ppbv

RT: 16.06 min Scan# 4128

Delta R.T. -0.01 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

Instrument :

MSVOA_L

ClientSampleId :

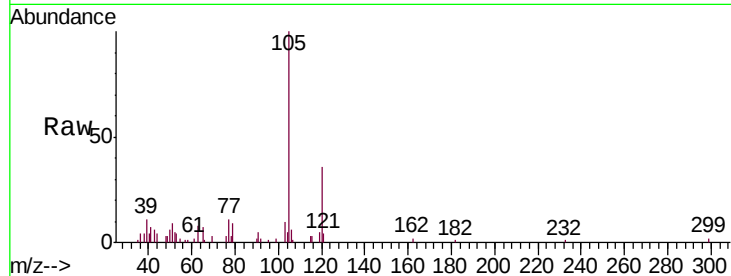
SV-2DUP

Tgt Ion:105 Resp: 24605

Ion Ratio Lower Upper

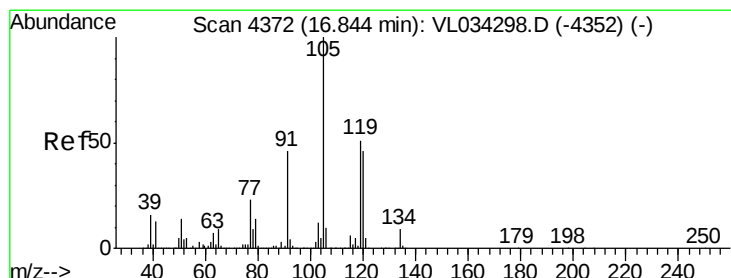
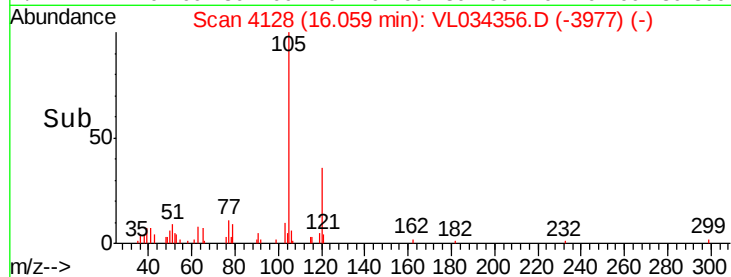
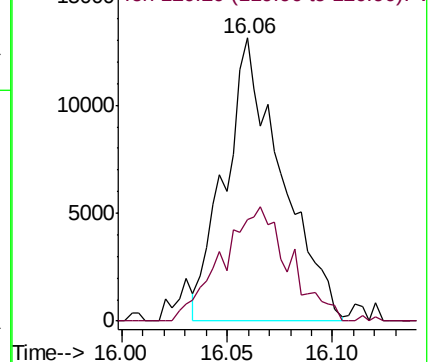
105 100

120 36.4 35.2 52.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.247 ppbv

RT: 16.82 min Scan# 4365

Delta R.T. -0.02 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

Tgt Ion:105 Resp: 57653

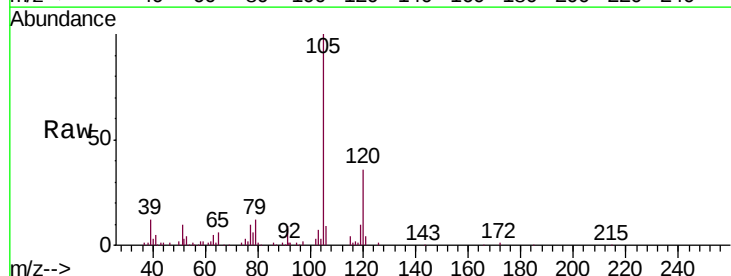
Ion Ratio Lower Upper

105 100

120 40.2 37.0 55.6

91 10.6 38.2 57.2#

77 9.2 19.0 28.4#

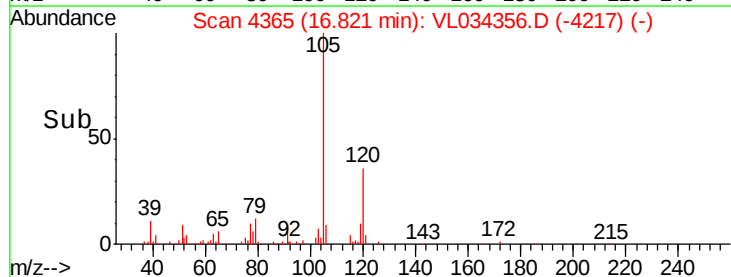
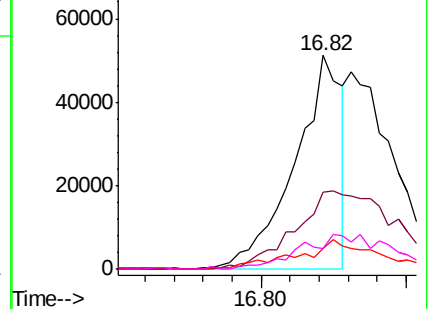


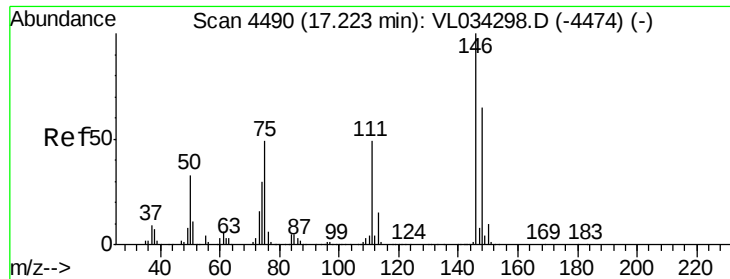
Abundance Ion 105.10 (104.80 to 105.80): V

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





#76

1,4-Dichlorobenzene

Concen: 0.031 ppbv

RT: 17.20 min Scan# 4483

Delta R.T. -0.02 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

Instrument :

MSVOA_L

ClientSampleId :

SV-2DUP

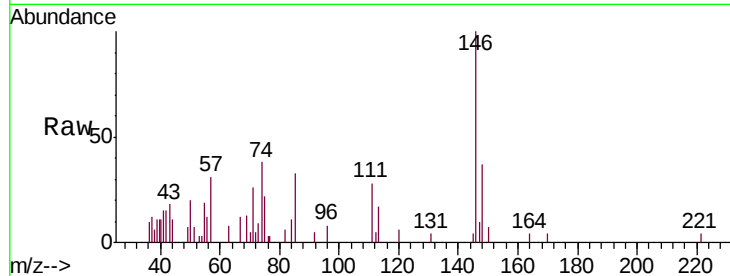
Tgt Ion:146 Resp: 4189

Ion Ratio Lower Upper

146 100

111 0.0 23.9 71.7#

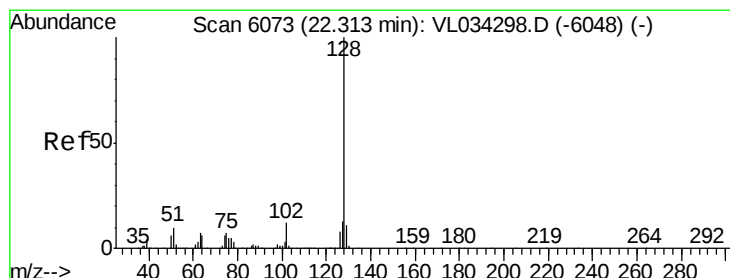
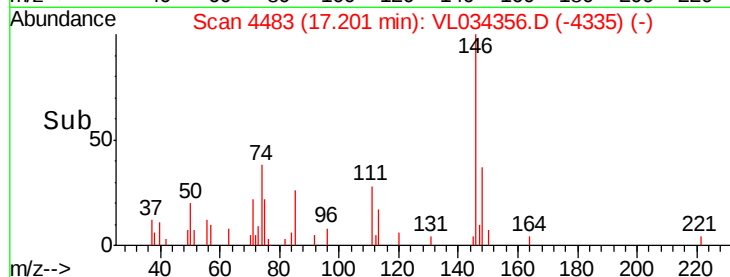
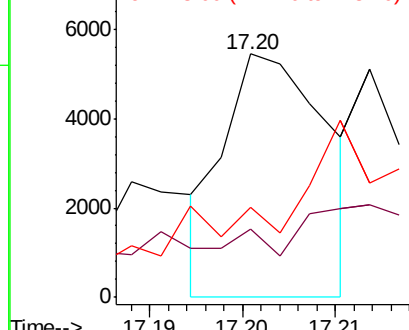
148 0.0 33.1 99.2#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#79

Naphthalene

Concen: 0.039 ppbv

RT: 22.29 min Scan# 6066

Delta R.T. -0.02 min

Lab File: VL034356.D

Acq: 24 Oct 2019 22:52

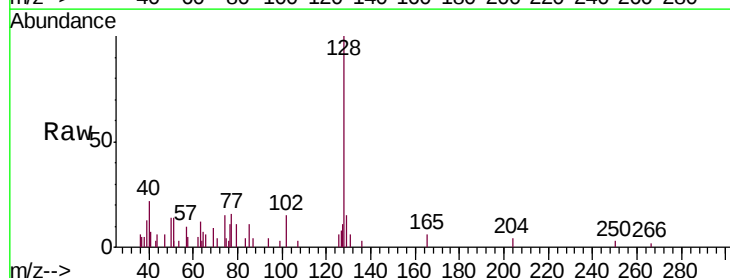
Tgt Ion:128 Resp: 6729

Ion Ratio Lower Upper

128 100

127 19.4 10.2 15.4#

129 14.9 8.9 13.3#



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

