

Data File : VL034355.D
Acq On : 24 Oct 2019 22:11
Operator : SY/AP
Sample : K5516-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Quant Time: Oct 25 01:35:23 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	844126	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1776423	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	1728523	10.00	ppbv	0.00

System Monitoring Compounds
68) 1-Bromo-4-Fluorobenzene 14.48 95 1414860 9.66 ppbv -0.01
Spiked Amount 10.000 Range 65 - 135 Recovery = 96.60%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	79237	0.545	ppbv	95
3) Chlorodifluoromethane	2.96	51	71069	0.718	ppbv #	81
4) Chloromethane	3.12	50	27433	0.469	ppbv	89
9) Propene	3.00	41	63525	1.448	ppbv #	75
10) Heptane	8.16	43	45348	0.403	ppbv	92
11) Trichlorofluoromethane	3.94	101	29166	0.211	ppbv #	81
12) 1,1,2-Trichlorotrifluoroet	4.48	101	3746	0.041	ppbv #	14
13) Ethanol	3.59	45	1470058	149.702	ppbv	96
15) Acetone	3.84	43	494691	4.097	ppbv	98
16) 1,3-Butadiene	3.29	39	13186	0.269	ppbv #	42
19) Isopropyl Alcohol	3.97	45	46167	0.685	ppbv #	1
20) Methylene Chloride	4.34	84	107037	2.452	ppbv	94
21) Allyl Chloride	4.36	41	19939	0.299	ppbv #	57
23) Vinyl Acetate	5.06	43	20617	0.137	ppbv #	1
25) Ethyl Acetate	5.70	43	212968	1.045	ppbv #	82
26) Hexane	5.70	57	259066	2.982	ppbv #	44
27) Carbon Disulfide	4.55	76	3679	0.041	ppbv #	68
30) Cyclohexane	7.16	84	7781	0.122	ppbv #	1
34) 2-Butanone	5.26	43	40858	0.281	ppbv	99
36) Benzene	6.92	78	119054	0.699	ppbv	94
39) 1,2-Dichloropropane	7.20	63	499273	6.803	ppbv #	22
44) 2,2,4-Trimethylpentane	7.91	57	73121	0.232	ppbv #	80
52) Tetrachloroethene	11.27	164	3341	0.050	ppbv #	33
53) Toluene	9.85	91	580638	3.087	ppbv	98
58) Ethyl Benzene	12.77	91	42499	0.176	ppbv	96
59) m/p-Xylene	13.02	91	327757	1.566	ppbv	99
60) o-Xylene	13.75	91	104120	0.499	ppbv	97
73) 1,3,5-Trimethylbenzene	16.06	105	13219	0.057	ppbv #	63
74) 1,2,4-Trimethylbenzene	16.83	105	44142	0.182	ppbv #	63
76) 1,4-Dichlorobenzene	17.21	146	5537	0.039	ppbv #	20
79) Naphthalene	22.29	128	8919	0.050	ppbv #	82

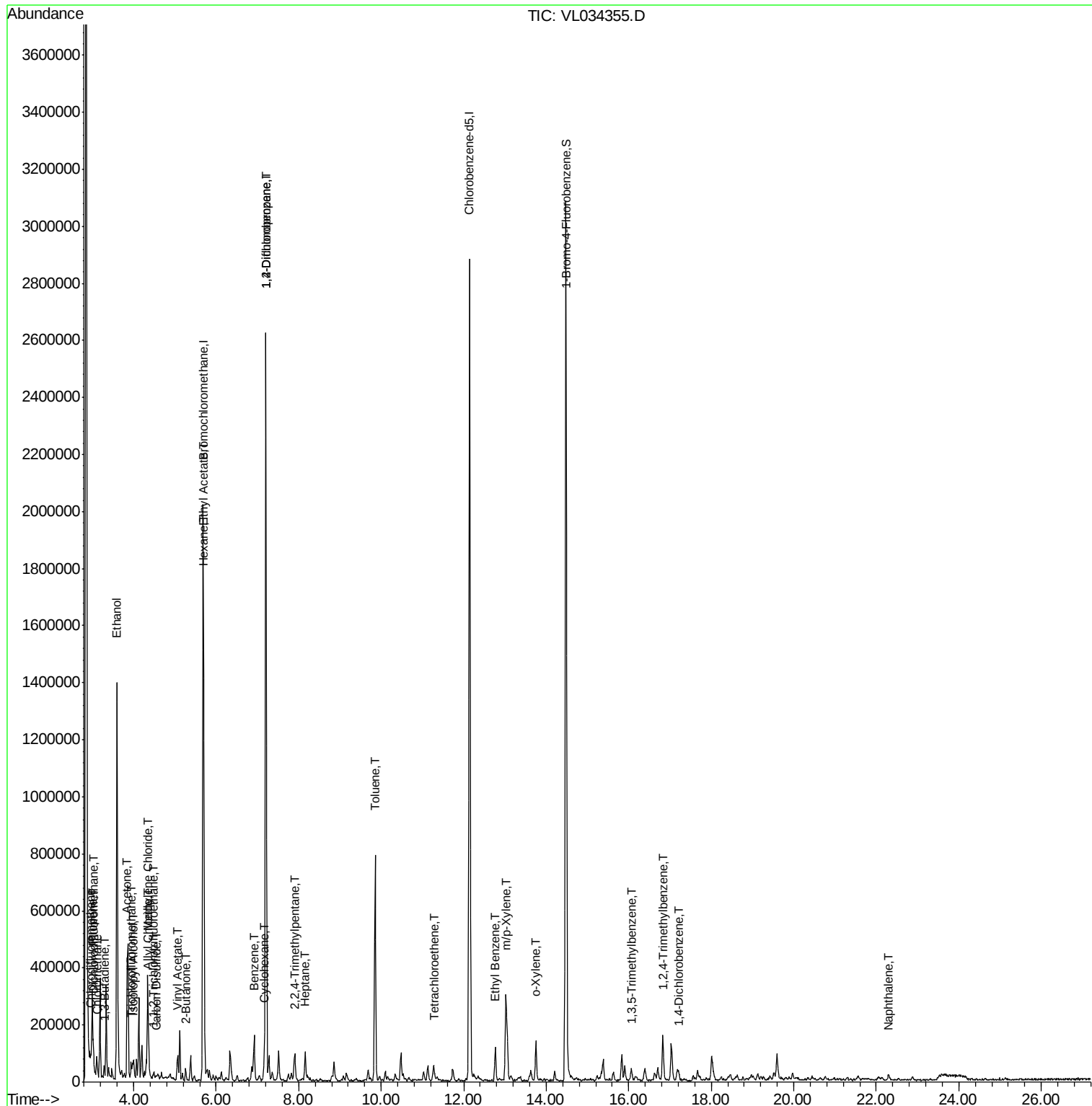
(#) = qualifier out of range (m) = manual integration (+) = signals summed

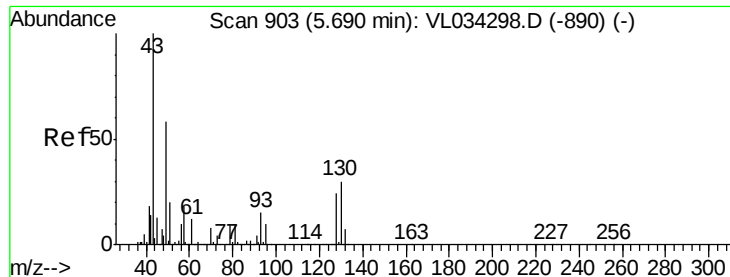
Data File : VL034355.D

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Acq On       : 24 Oct 2019  22:11
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Quant Time: Oct 25 01:35:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.01 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

Instrument :

MSVOA_L

ClientSampleId :

SV-2

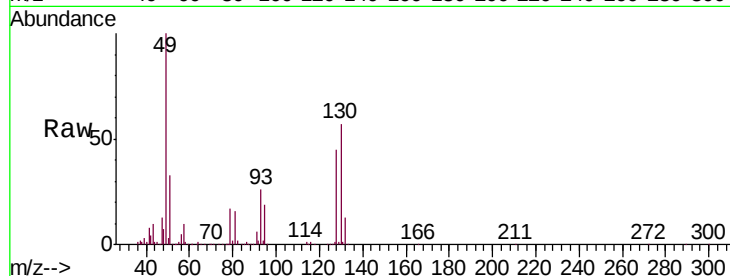
Tgt Ion: 49 Resp: 844126

Ion Ratio Lower Upper

49 100

128 45.7 20.6 61.8

130 56.7 26.2 78.5



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

5.68

400000

300000

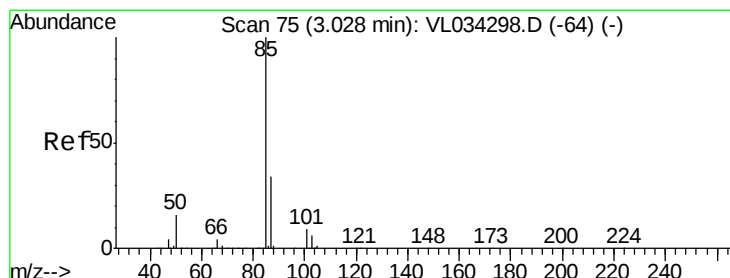
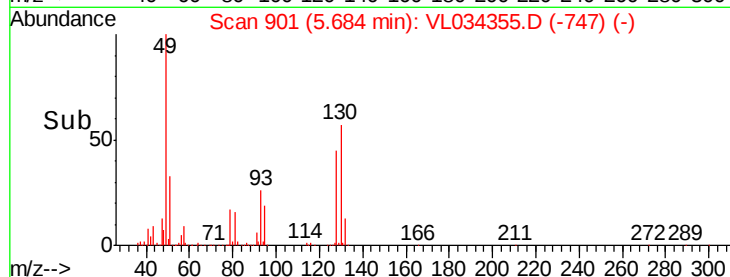
200000

100000

0

5.60 5.65 5.70 5.75

Time-->



#2

Dichlorodifluoromethane

Concen: 0.545 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.00 min

Lab File: VL034355.D

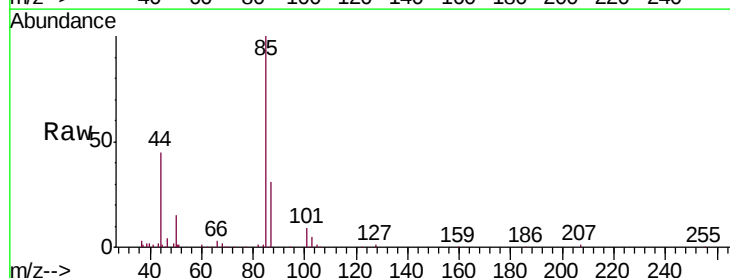
Acq: 24 Oct 2019 22:11

Tgt Ion: 85 Resp: 79237

Ion Ratio Lower Upper

85 100

87 30.9 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

60000

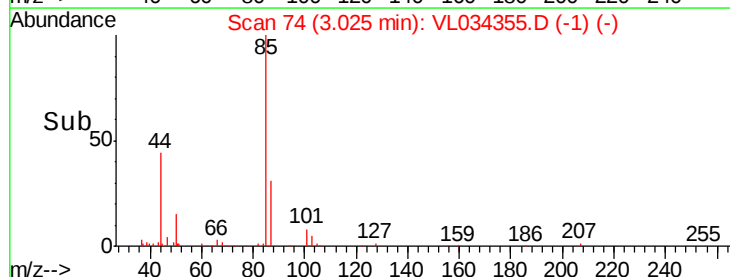
40000

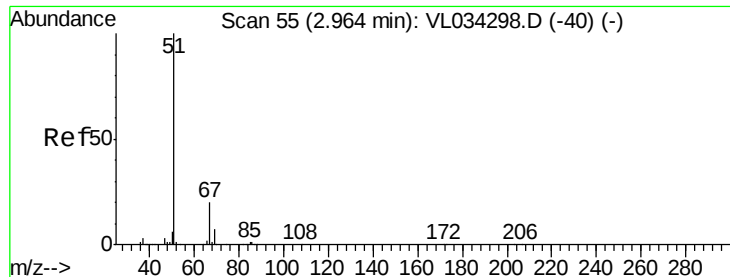
20000

0

3.00 3.05

Time-->





#3

Chlorodifluoromethane

Concen: 0.718 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.00 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

Instrument :

MSVOA_L

ClientSampleId :

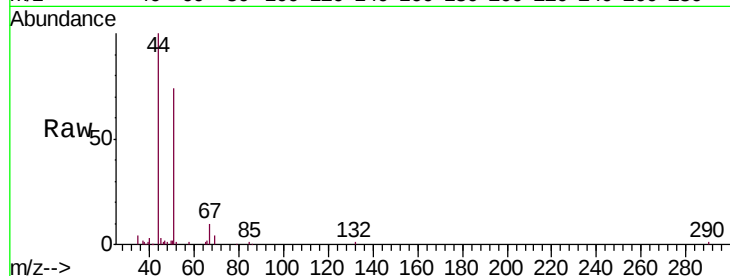
SV-2

Tgt Ion: 51 Resp: 71069

Ion Ratio Lower Upper

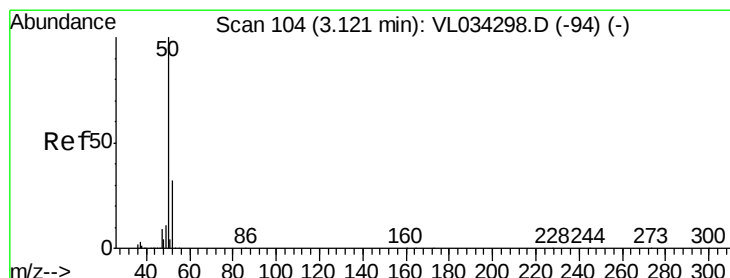
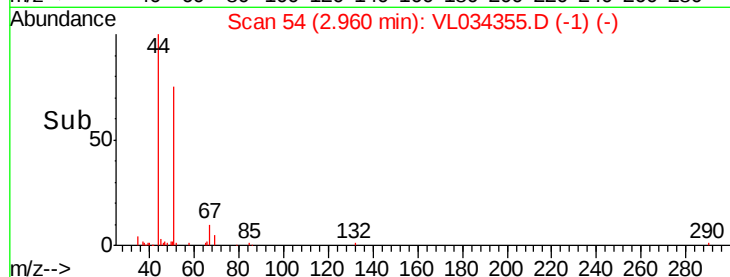
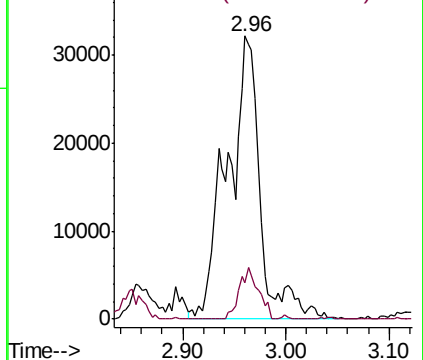
51 100

67 11.0 15.8 23.8#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.469 ppbv

RT: 3.12 min Scan# 103

Delta R.T. -0.00 min

Lab File: VL034355.D

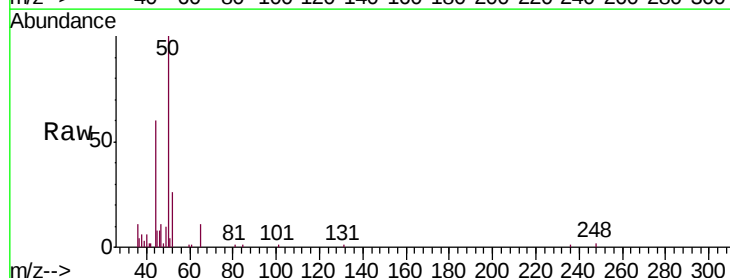
Acq: 24 Oct 2019 22:11

Tgt Ion: 50 Resp: 27433

Ion Ratio Lower Upper

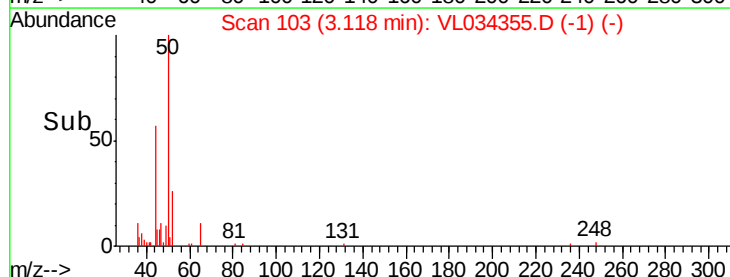
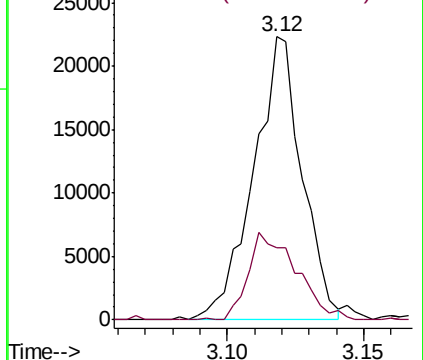
50 100

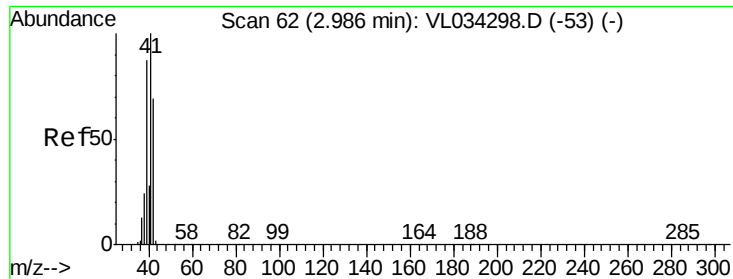
52 25.7 25.4 38.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 1.448 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.01 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

Instrument :

MSVOA_L

ClientSampleId :

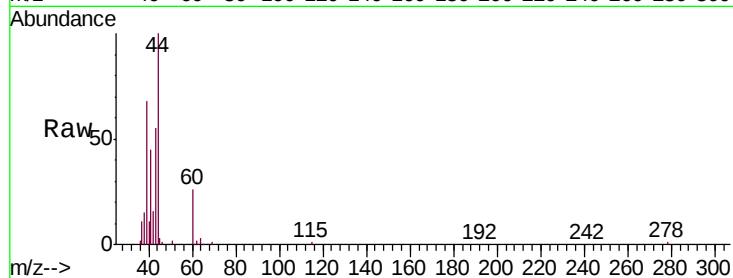
SV-2

Tgt Ion: 41 Resp: 63525

Ion Ratio Lower Upper

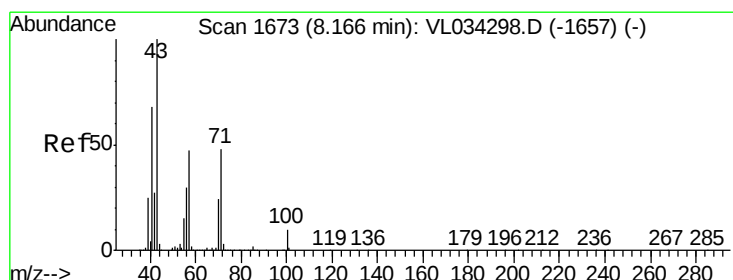
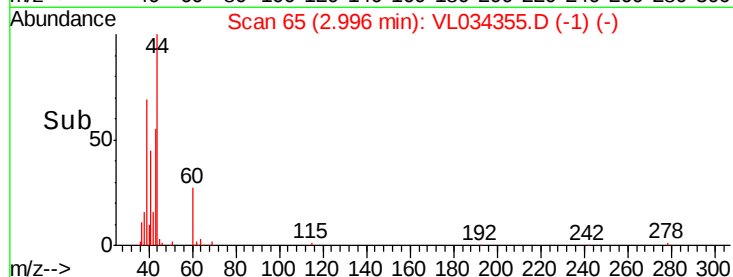
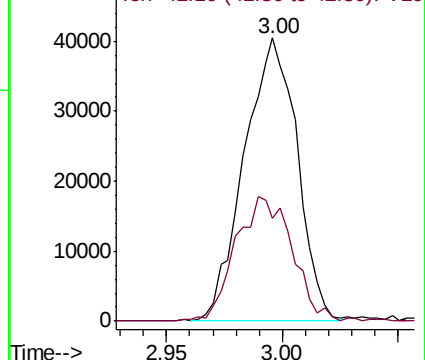
41 100

42 47.7 53.9 80.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.403 ppbv

RT: 8.16 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VL034355.D

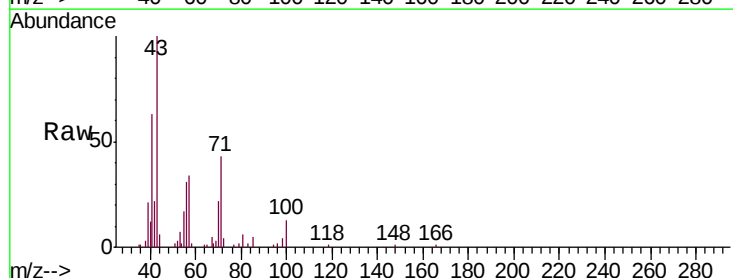
Acq: 24 Oct 2019 22:11

Tgt Ion: 43 Resp: 45348

Ion Ratio Lower Upper

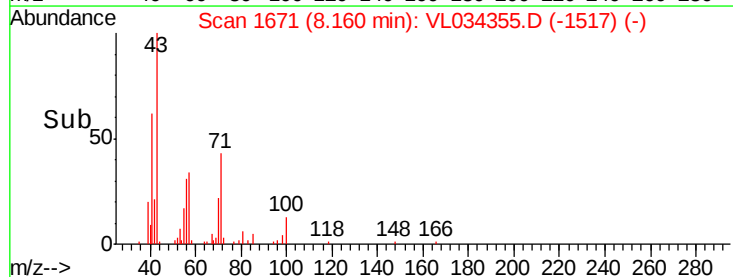
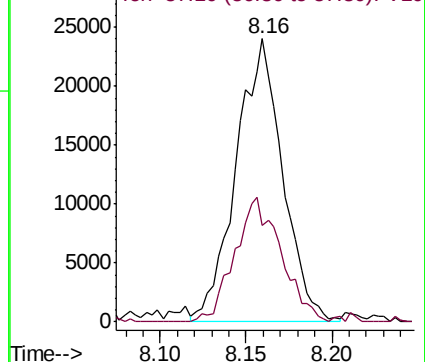
43 100

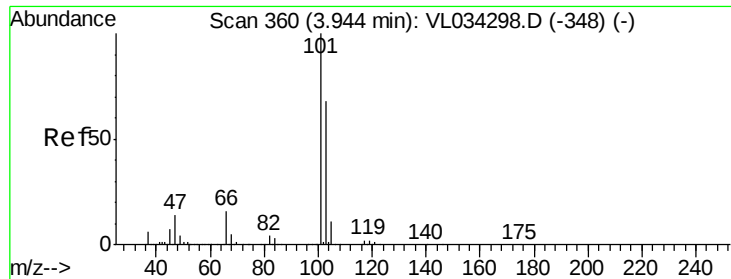
57 44.1 39.5 59.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 0.211 ppbv

RT: 3.94 min Scan# 358

Delta R.T. -0.01 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

Instrument :

MSVOA_L

ClientSampleId :

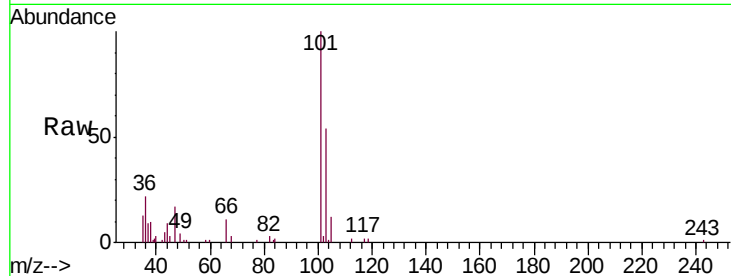
SV-2

Tgt Ion:101 Resp: 29166

Ion Ratio Lower Upper

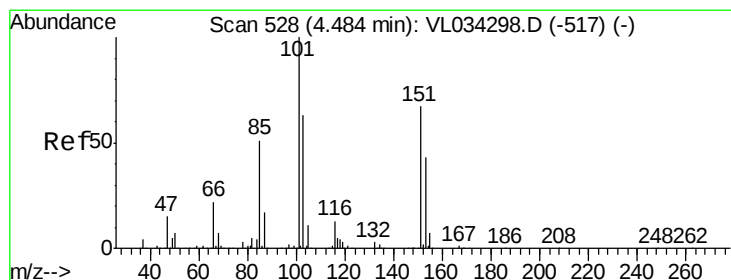
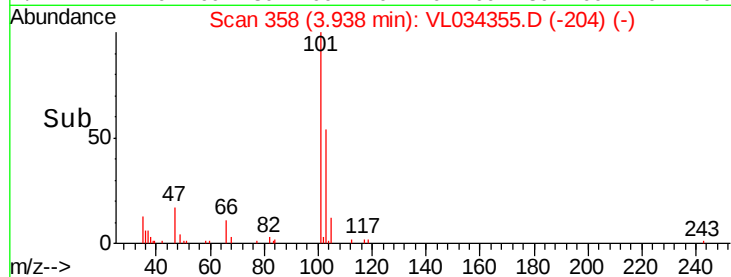
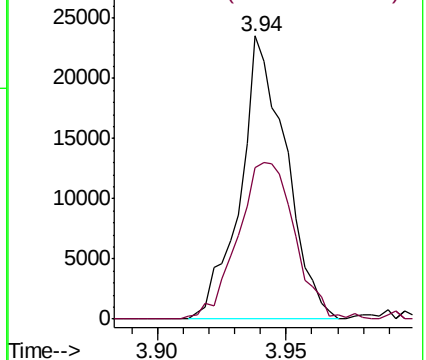
101 100

103 52.4 54.5 81.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.041 ppbv

RT: 4.48 min Scan# 528

Delta R.T. 0.00 min

Lab File: VL034355.D

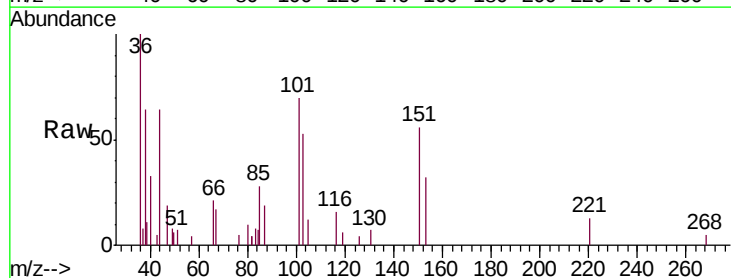
Acq: 24 Oct 2019 22:11

Tgt Ion:101 Resp: 3746

Ion Ratio Lower Upper

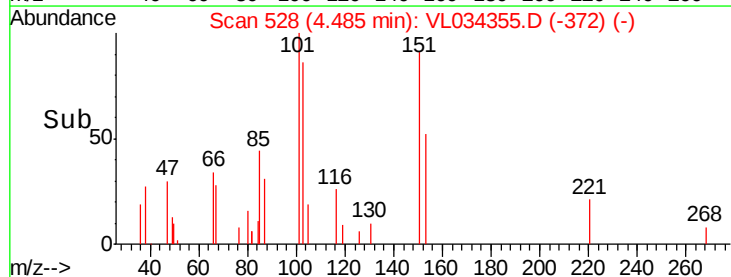
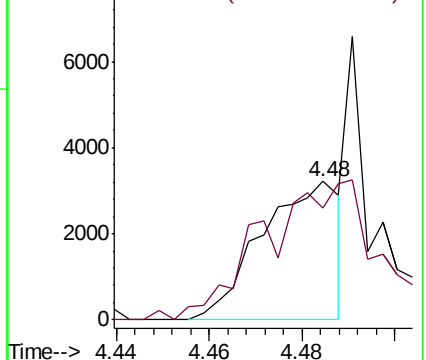
101 100

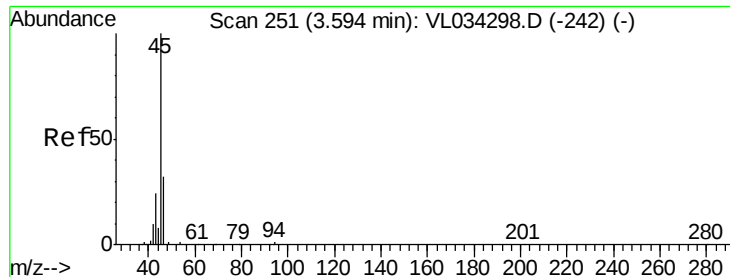
151 0.0 57.4 86.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

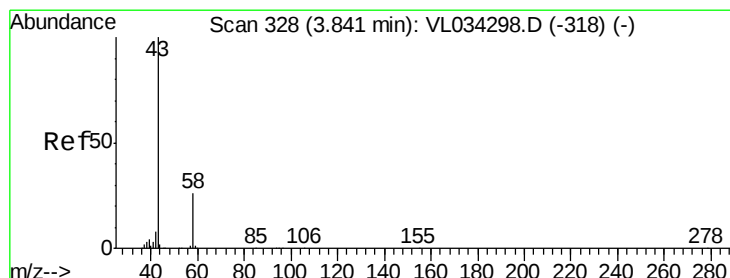
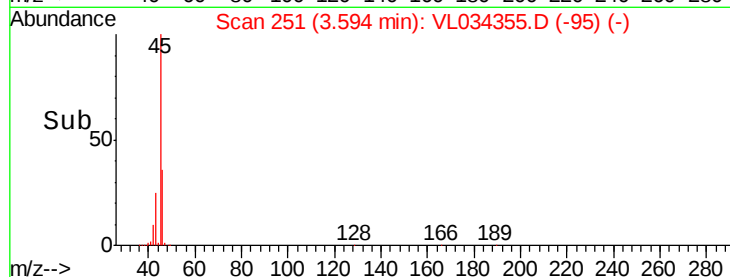
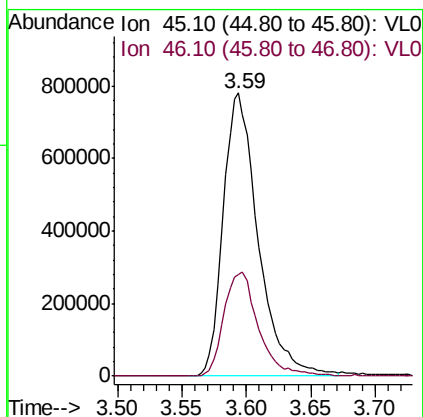
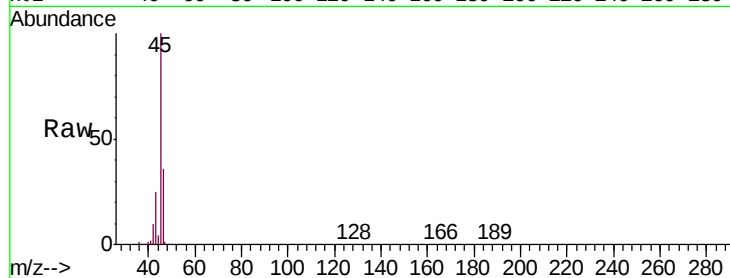




#13
Ethanol
Concen: 149.702 ppbv
RT: 3.59 min Scan# 251
Delta R.T. 0.00 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

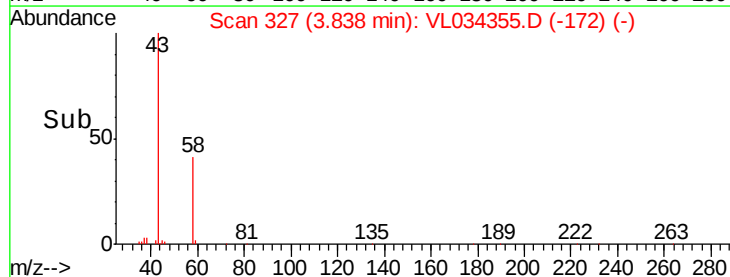
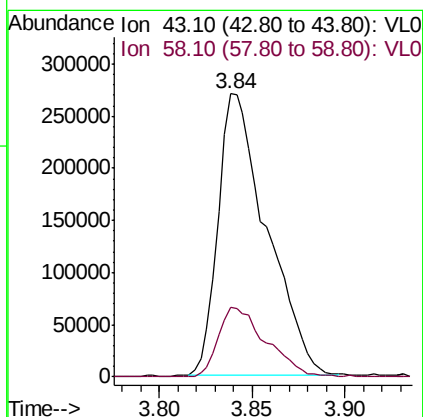
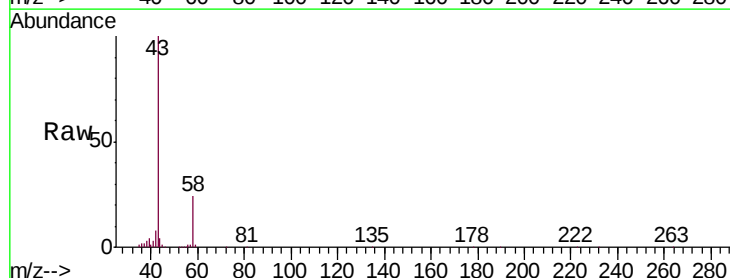
Instrument :
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ClientSampleId :
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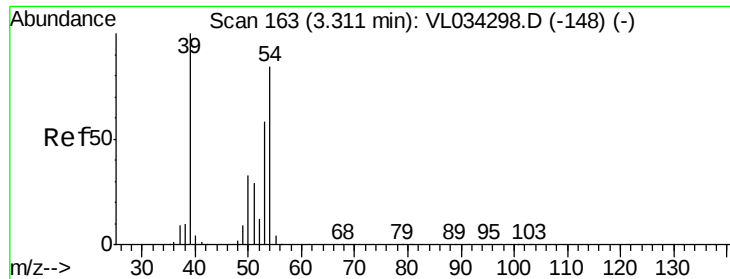
Tgt Ion: 45 Resp: 1470058
Ion Ratio Lower Upper
45 100
46 37.0 15.8 63.2



#15
Acetone
Concen: 4.097 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.00 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

Tgt Ion: 43 Resp: 494691
Ion Ratio Lower Upper
43 100
58 24.5 20.4 30.6

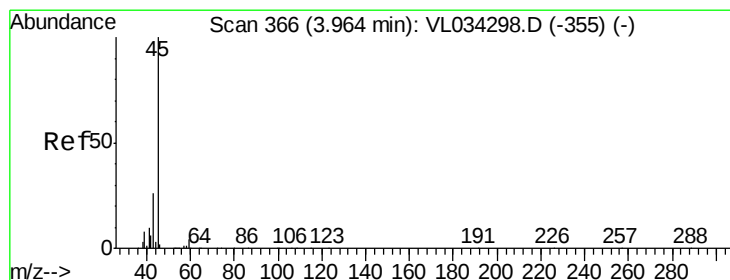
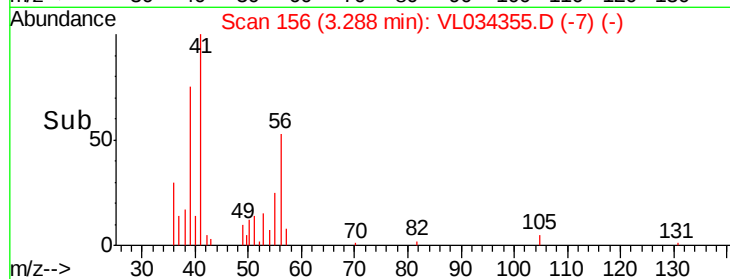
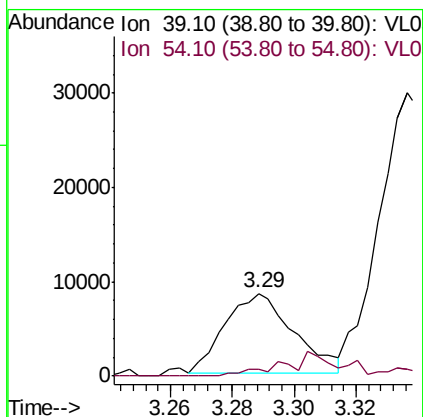
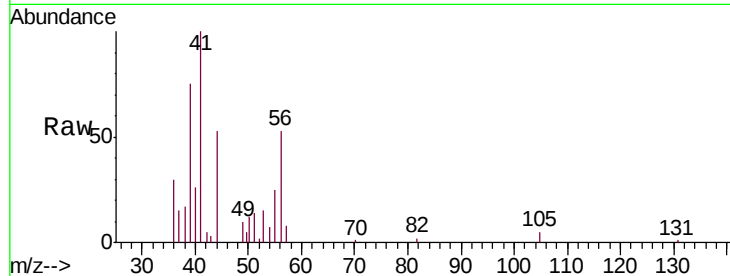




#16
1,3-Butadiene
Concen: 0.269 ppbv
RT: 3.29 min Scan# 156
Delta R.T. -0.02 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

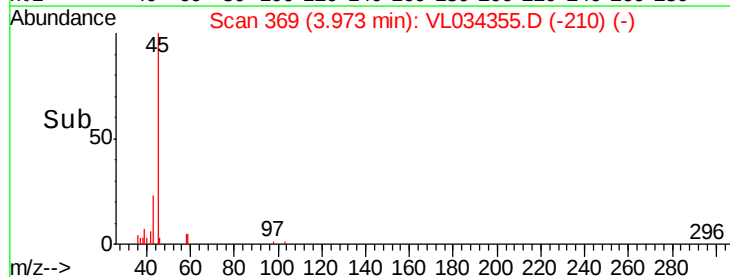
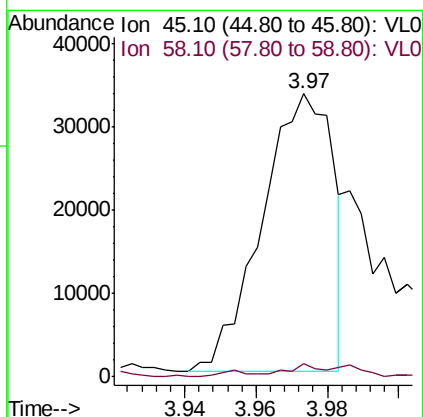
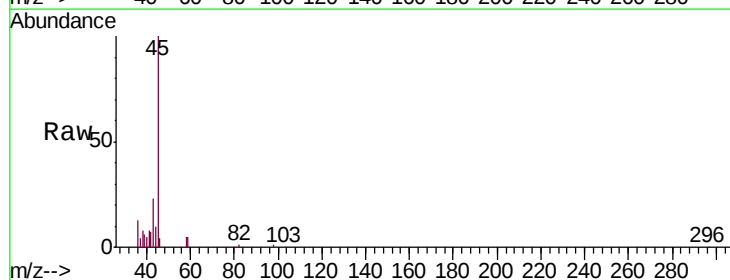
Instrument :
MSVOA_L
ClientSampleId :
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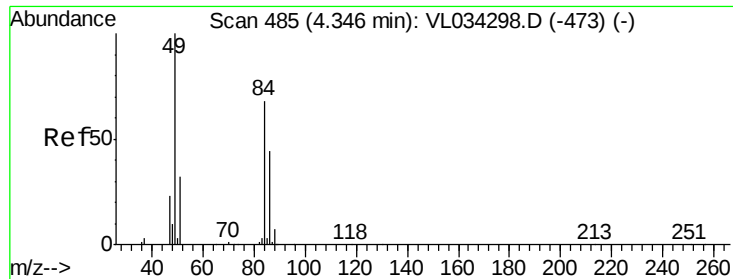
Tgt Ion: 39 Resp: 13186
Ion Ratio Lower Upper
39 100
54 28.8 63.9 95.9#



#19
Isopropyl Alcohol
Concen: 0.685 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.01 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

Tgt Ion: 45 Resp: 46167
Ion Ratio Lower Upper
45 100
58 262.5 1.4 2.2#

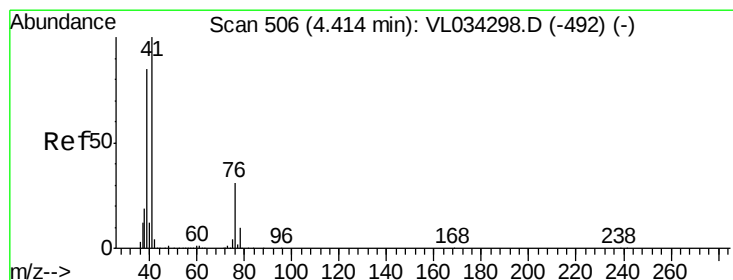
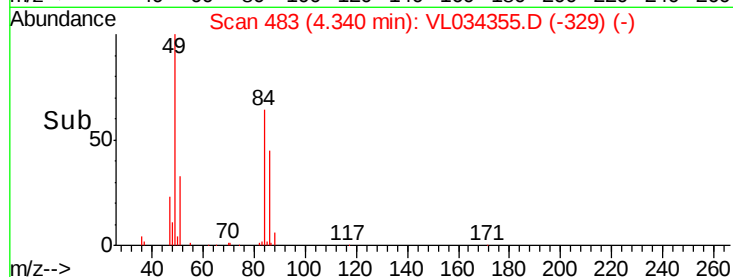
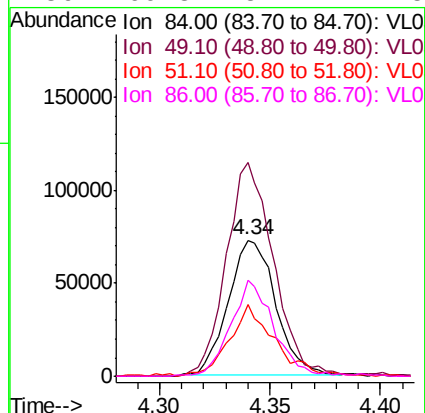
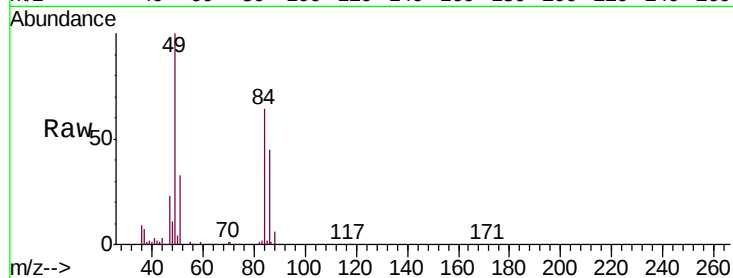




#20
Methylene Chloride
Concen: 2.452 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

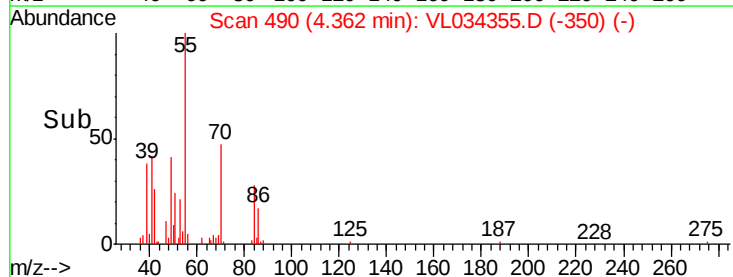
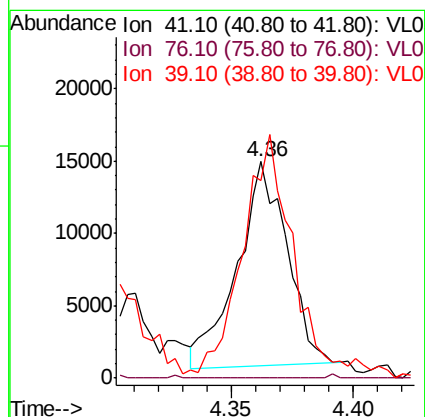
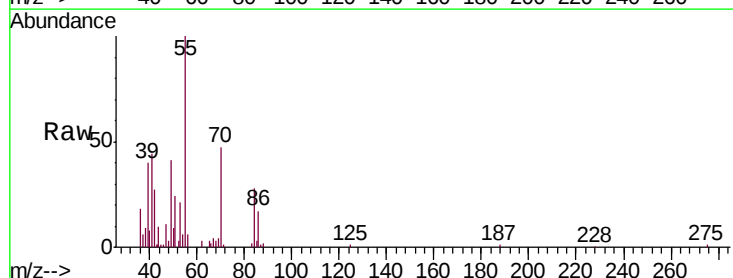
Instrument :
MSVOA_L
ClientSampleId :
SV-2

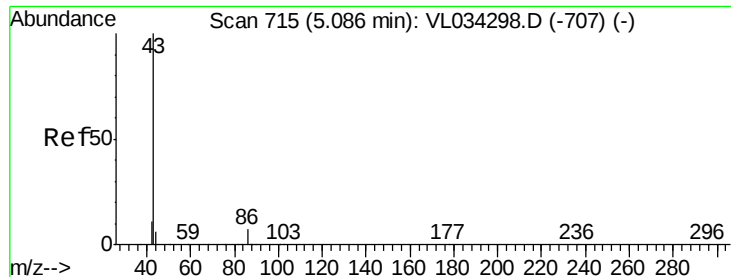
Tgt Ion:	84	Resp:	107037
Ion	Ratio	Lower	Upper
84	100		
49	156.5	118.5	177.7
51	50.5	38.8	58.2
86	69.8	51.7	77.5



#21
Allyl Chloride
Concen: 0.299 ppbv
RT: 4.36 min Scan# 490
Delta R.T. -0.05 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

Tgt Ion:	41	Resp:	19939
Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	117.7	66.0	99.0#





#23

Vinyl Acetate

Concen: 0.137 ppbv

RT: 5.06 min Scan# 708

Delta R.T. -0.02 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

Instrument :

MSVOA_L

ClientSampleId :

SV-2

Tgt Ion: 43 Resp: 20617

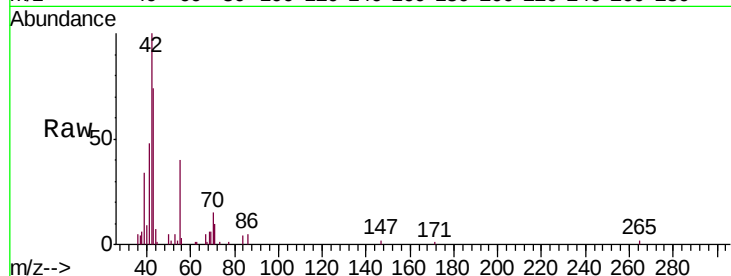
Ion Ratio Lower Upper

43 100

86 6.8 5.0 7.4

42 178.7 8.6 13.0#

44 1.1 4.8 7.2#

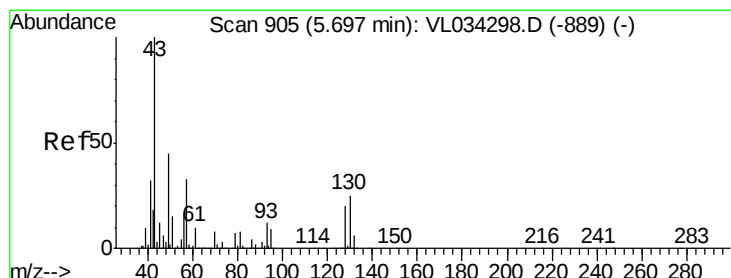
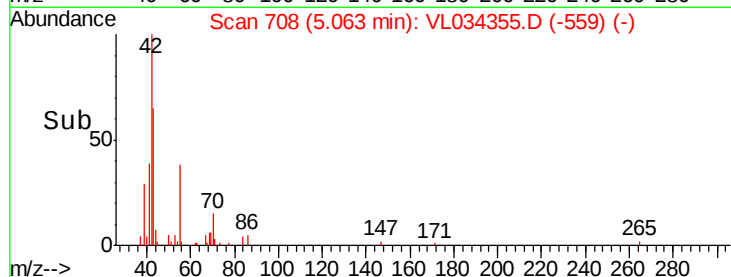
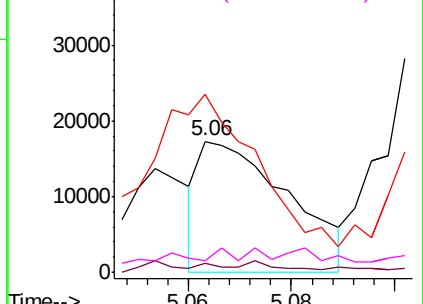


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.045 ppbv

RT: 5.70 min Scan# 906

Delta R.T. 0.00 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

Tgt Ion: 43 Resp: 212968

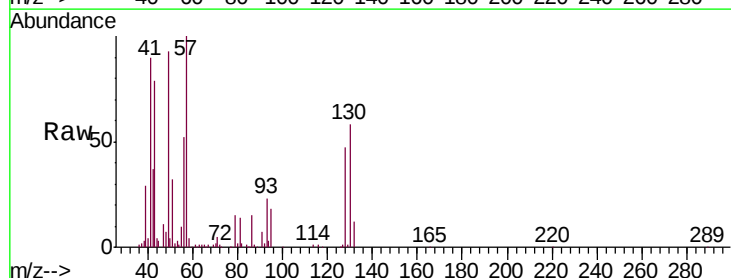
Ion Ratio Lower Upper

43 100

45 3.3 8.3 12.5#

61 1.9 7.7 11.5#

70 2.6 5.4 8.2#

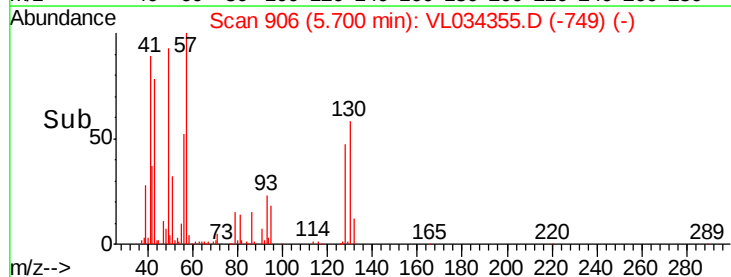
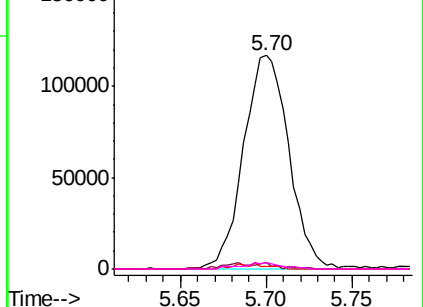


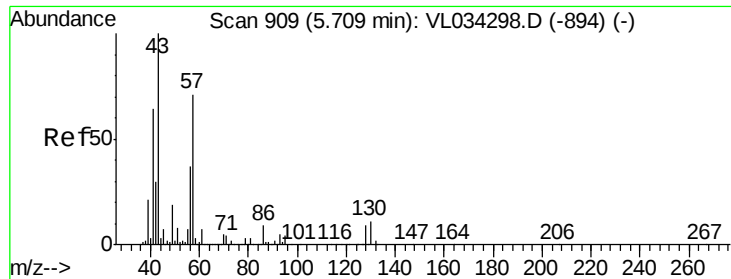
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 2.982 ppbv

RT: 5.70 min Scan# 907

Delta R.T. -0.01 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

Instrument :

MSVOA_L

ClientSampleId :

SV-2

Tgt Ion: 57 Resp: 259066

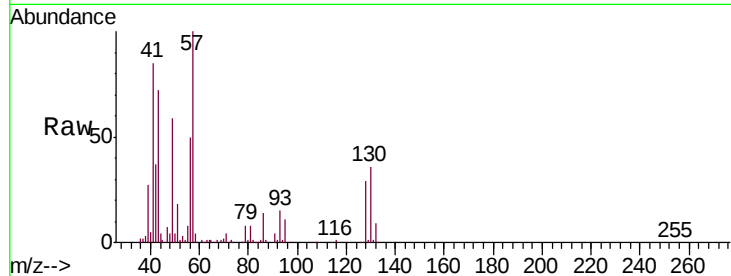
Ion Ratio Lower Upper

57 100

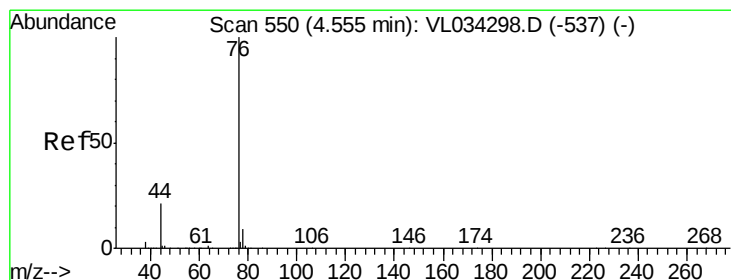
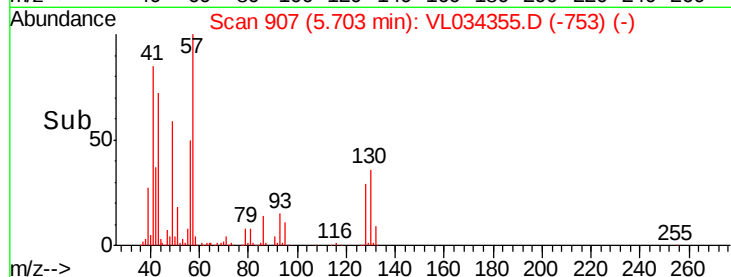
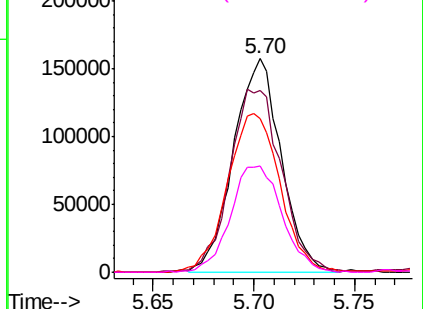
41 94.1 76.5 114.7

43 82.9 188.5 282.7#

56 54.3 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: 0.041 ppbv

RT: 4.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

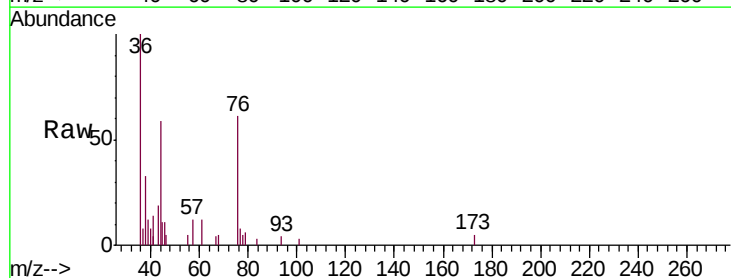
Tgt Ion: 76 Resp: 3679

Ion Ratio Lower Upper

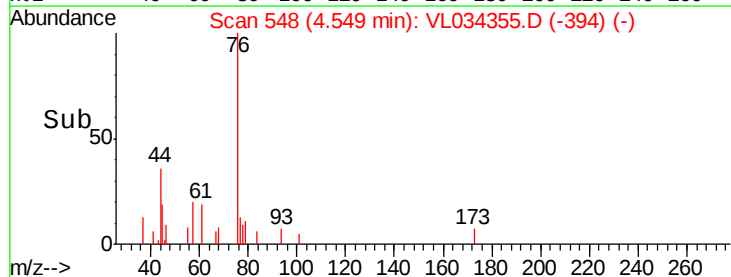
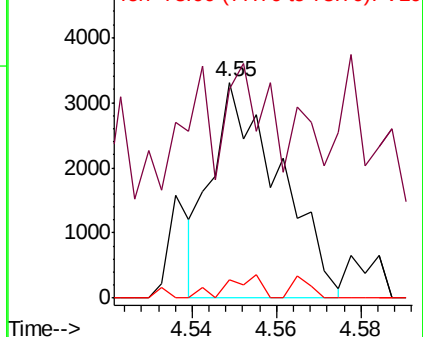
76 100

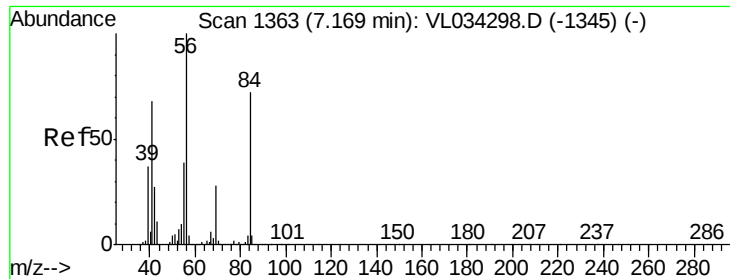
44 0.0 17.3 25.9#

78 9.0 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

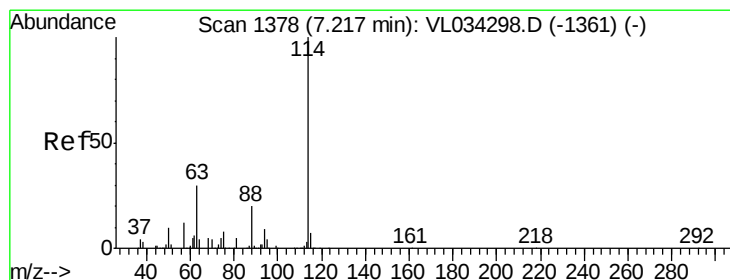
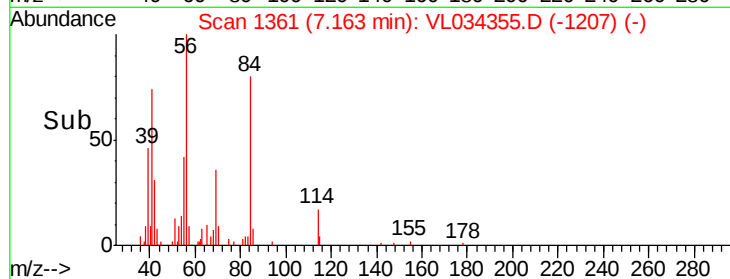
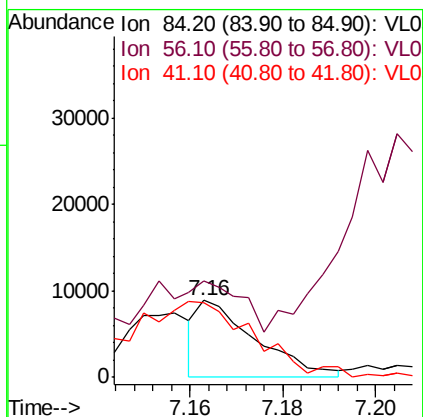
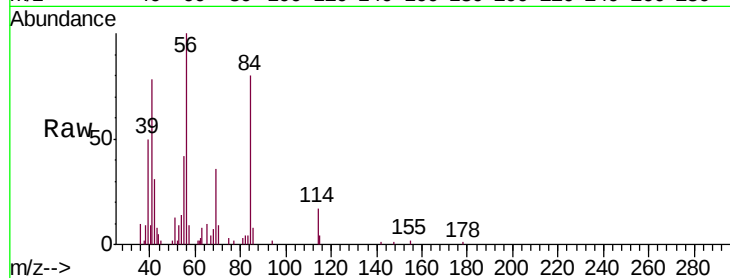




#30
Cyclohexane
Concen: 0.122 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

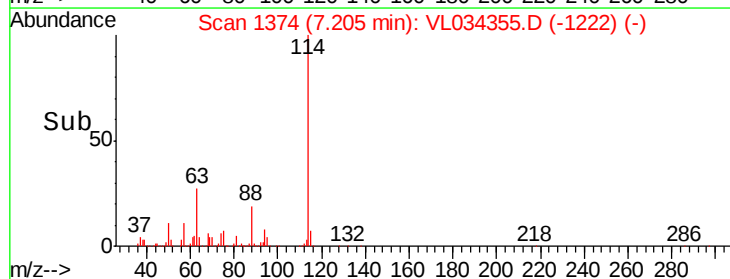
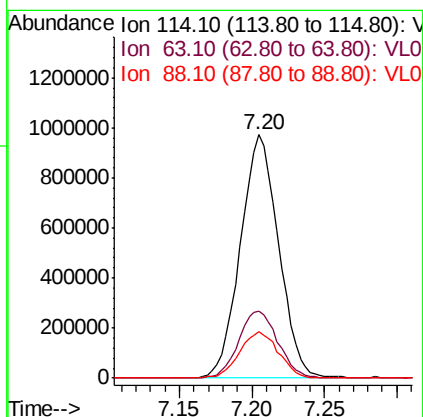
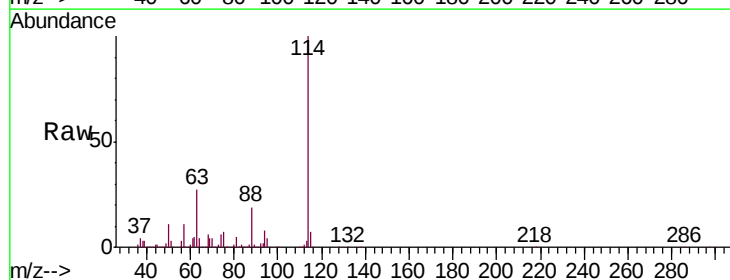
Instrument :
MSVOA_L
ClientSampleId :
SV-2

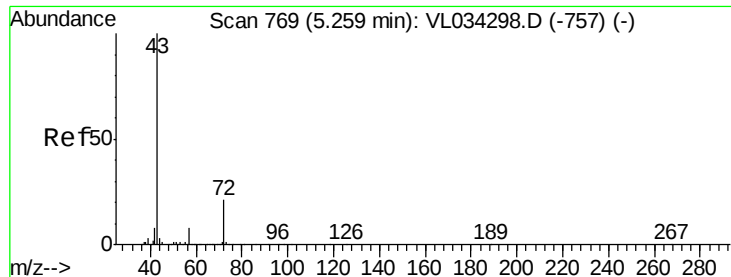
Tgt Ion: 84 Resp: 7781
Ion Ratio Lower Upper
84 100
56 0.0 119.4 179.0#
41 222.8 78.7 118.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

Tgt Ion: 114 Resp: 1776423
Ion Ratio Lower Upper
114 100
63 28.6 25.2 37.8
88 19.5 16.0 24.0

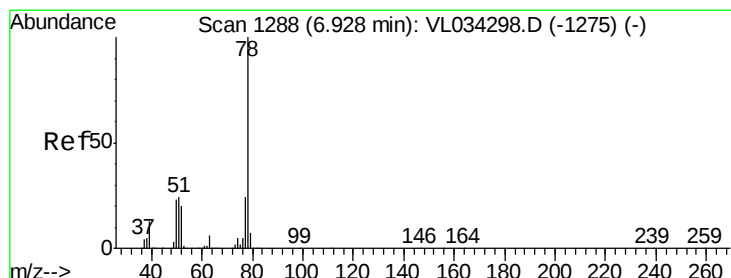
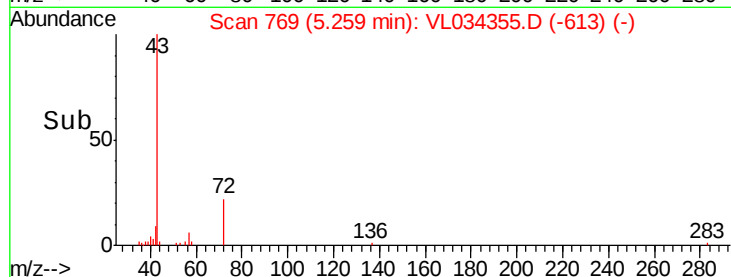
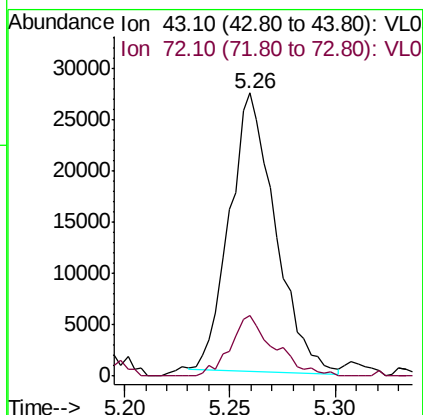
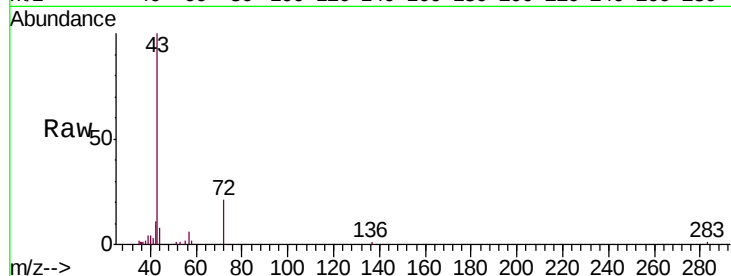




#34
2-Butanone
Concen: 0.281 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.00 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

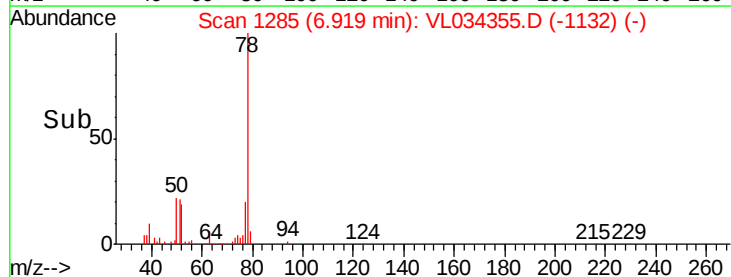
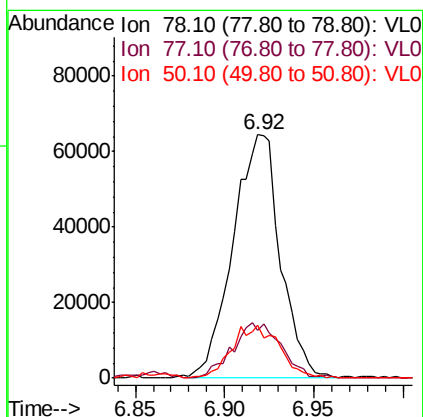
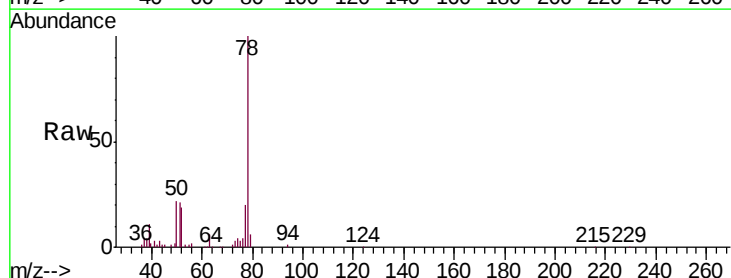
Instrument :
MSVOA_L
ClientSampleId :
SV-2

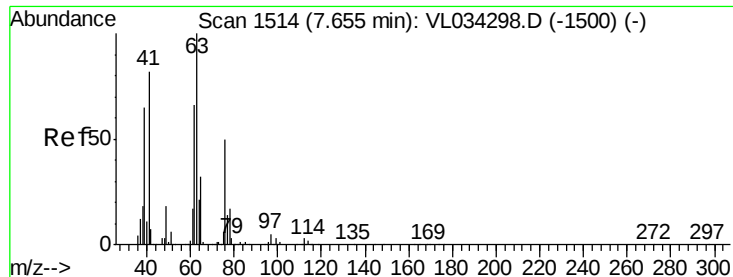
Tgt Ion: 43 Resp: 40858
Ion Ratio Lower Upper
43 100
72 20.9 16.3 24.5



#36
Benzene
Concen: 0.699 ppbv
RT: 6.92 min Scan# 1285
Delta R.T. -0.01 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

Tgt Ion: 78 Resp: 119054
Ion Ratio Lower Upper
78 100
77 19.6 19.0 28.4
50 21.6 18.6 27.8

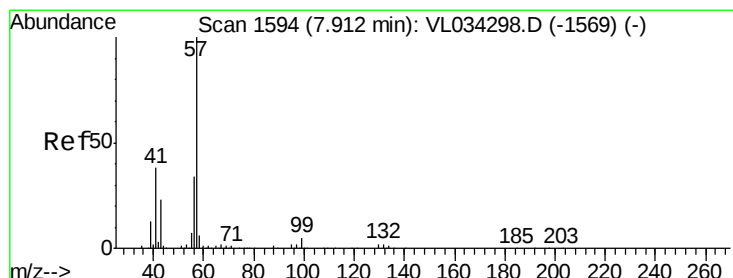
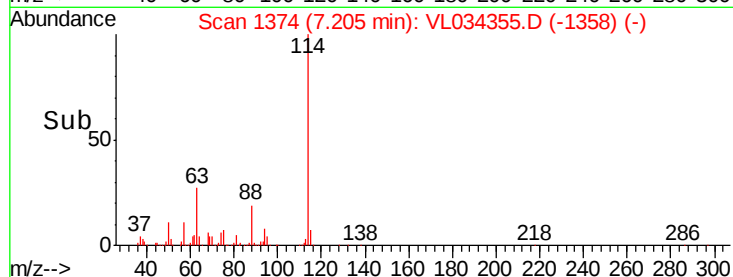
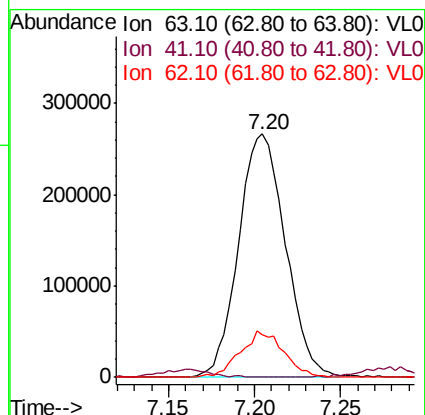
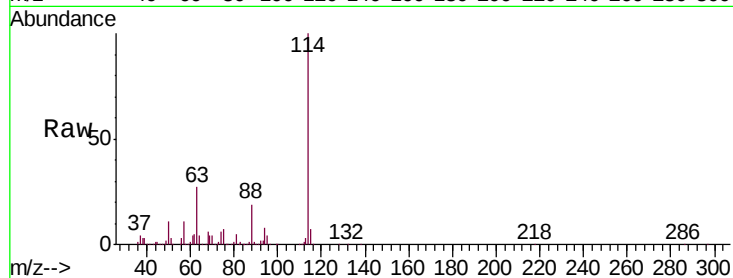




#39
 1,2-Dichloropropane
 Concen: 6.803 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.45 min
 Lab File: VL034355.D
 Acq: 24 Oct 2019 22:11

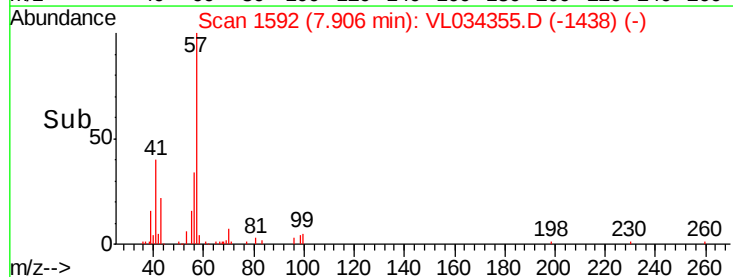
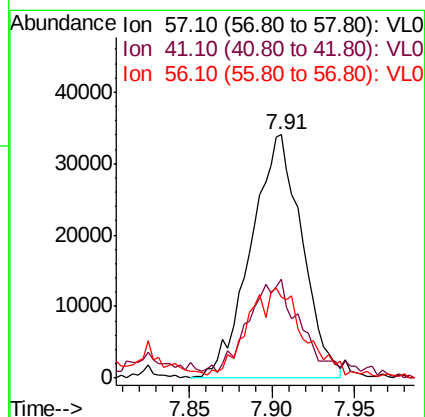
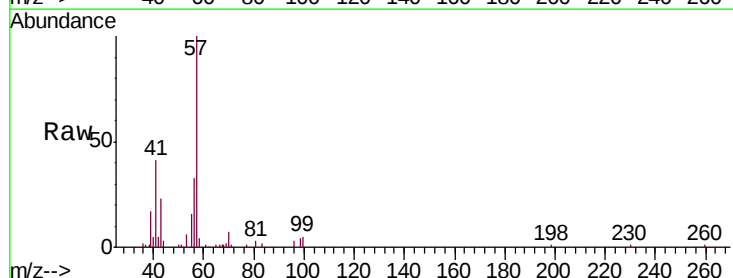
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

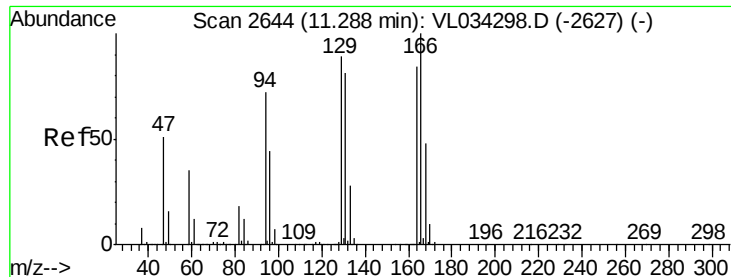
Tgt Ion: 63 Resp: 499273
 Ion Ratio Lower Upper
 63 100
 41 0.0 65.6 98.4#
 62 17.8 53.0 79.6#



#44
 2,2,4-Trimethylpentane
 Concen: 0.232 ppbv
 RT: 7.91 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: VL034355.D
 Acq: 24 Oct 2019 22:11

Tgt Ion: 57 Resp: 73121
 Ion Ratio Lower Upper
 57 100
 41 48.2 29.3 43.9#
 56 42.6 25.3 37.9#





#52

Tetrachloroethene

Concen: 0.050 ppbv

RT: 11.27 min Scan# 2638

Delta R.T. -0.02 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

Instrument :

MSVOA_L

ClientSampleId :

SV-2

Tgt Ion:164 Resp: 3341

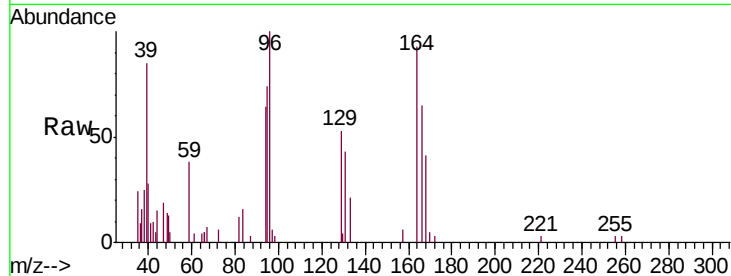
Ion Ratio Lower Upper

164 100

166 57.3 95.3 142.9#

129 36.8 84.5 126.7#

131 18.4 77.3 115.9#

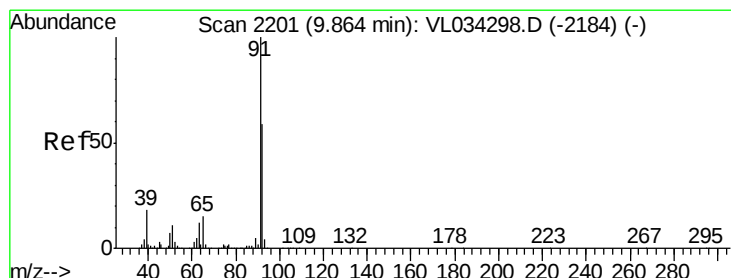
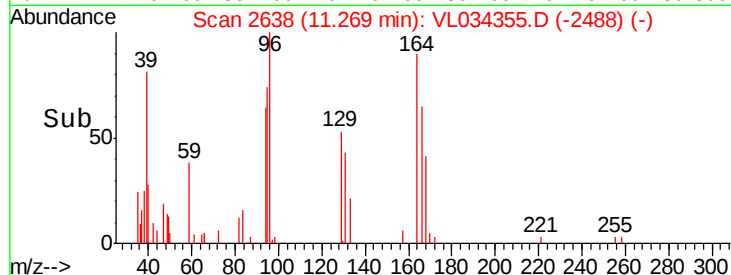
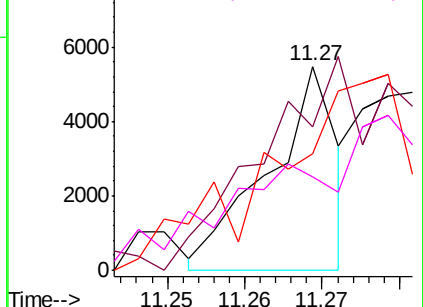


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 3.087 ppbv

RT: 9.85 min Scan# 2197

Delta R.T. -0.01 min

Lab File: VL034355.D

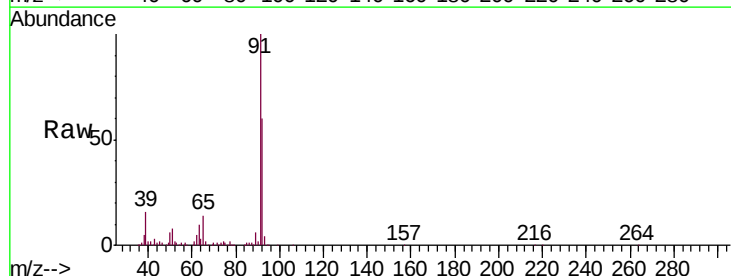
Acq: 24 Oct 2019 22:11

Tgt Ion: 91 Resp: 580638

Ion Ratio Lower Upper

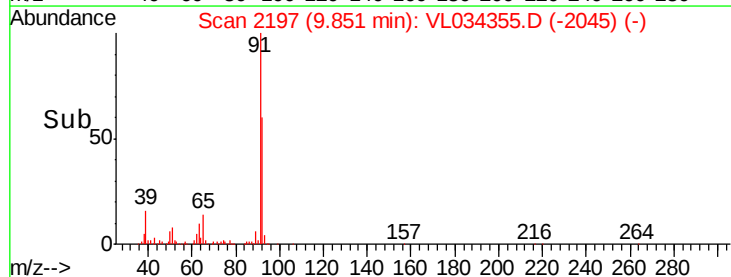
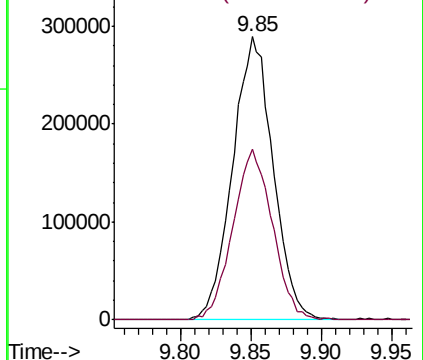
91 100

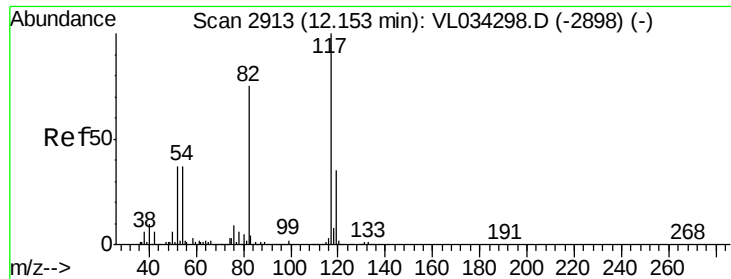
92 59.1 48.4 72.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

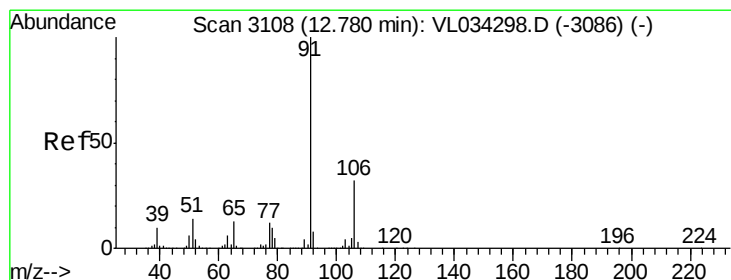
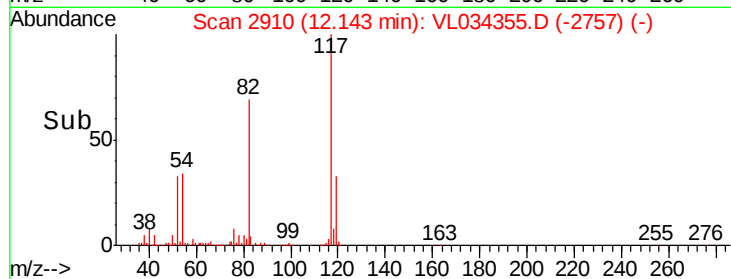
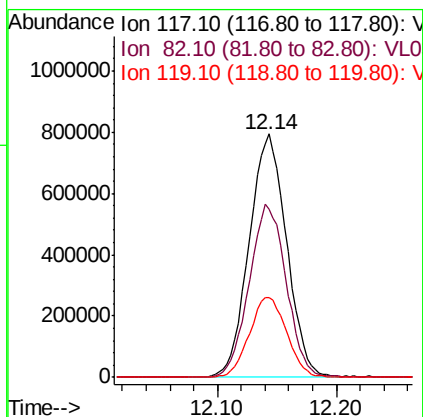
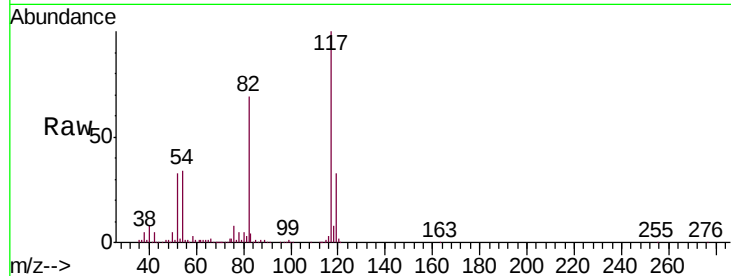




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

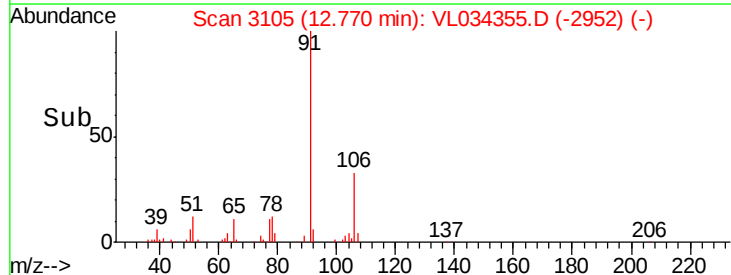
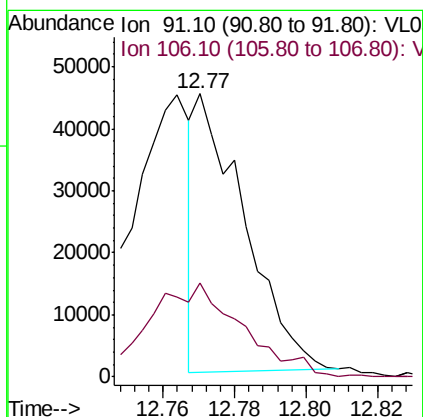
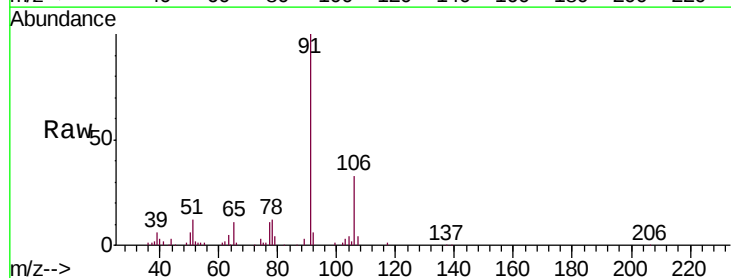
Instrument :
MSVOA_L
ClientSampleId :
SV-2

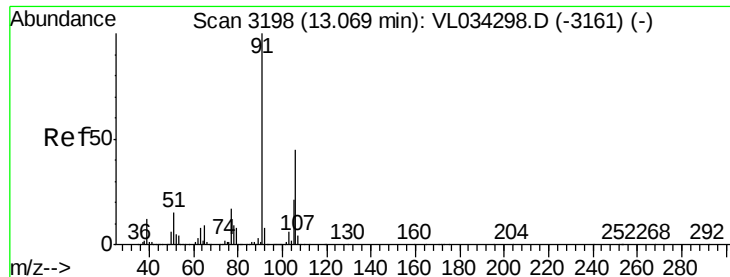
Tgt Ion: 117 Resp: 1728523
Ion Ratio Lower Upper
117 100
82 70.9 55.5 83.3
119 33.0 26.5 39.7



#58
Ethyl Benzene
Concen: 0.176 ppbv
RT: 12.77 min Scan# 3105
Delta R.T. -0.01 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

Tgt Ion: 91 Resp: 42499
Ion Ratio Lower Upper
91 100
106 34.0 25.3 37.9

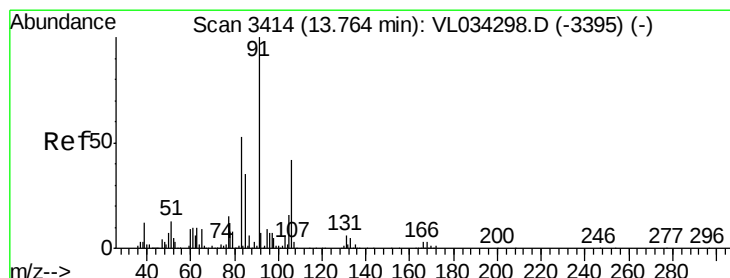
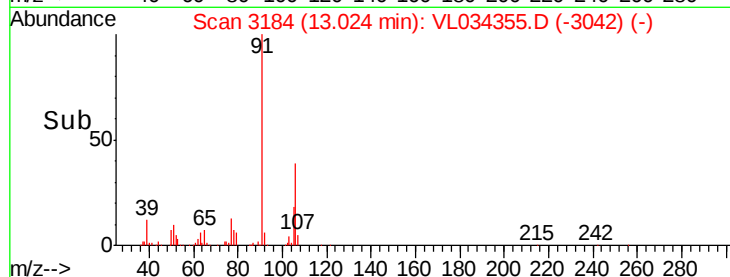
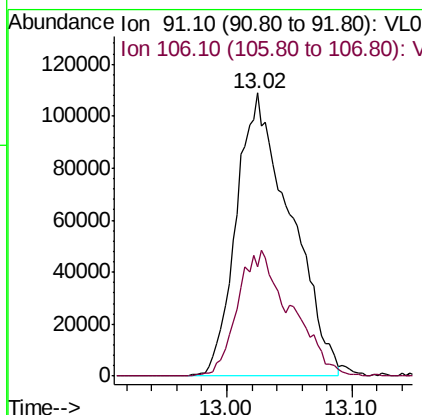
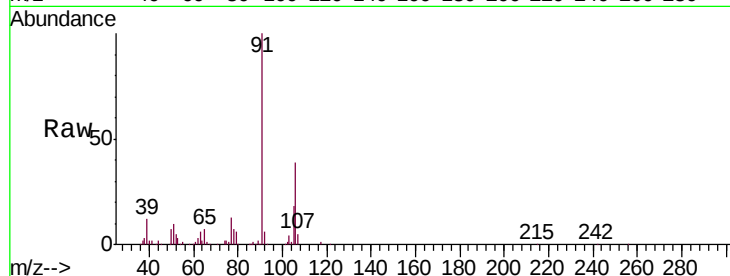




#59
m/p-Xylene
Concen: 1.566 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. -0.04 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

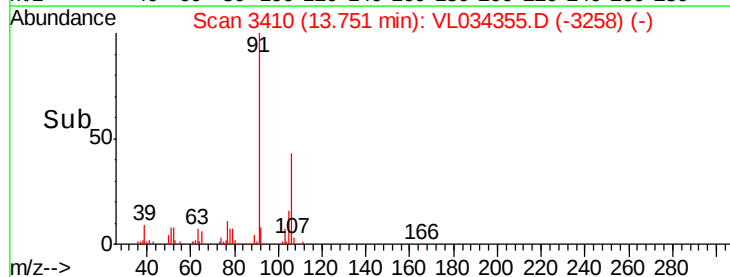
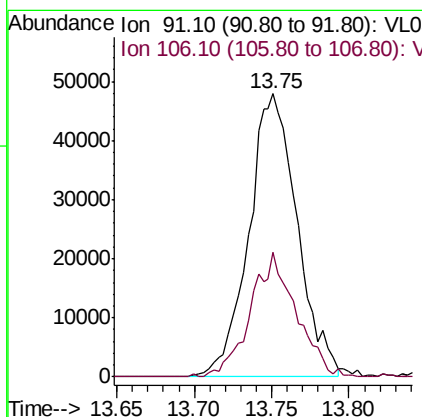
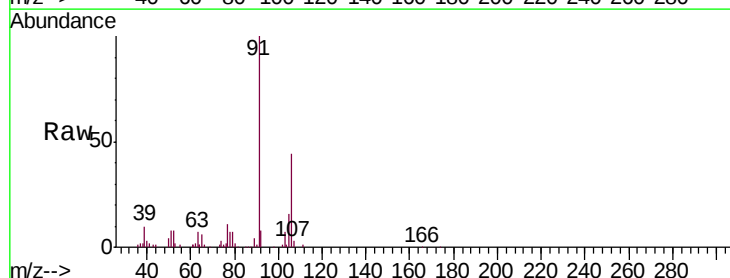
Instrument :
MSVOA_L
ClientSampled :
SV-2

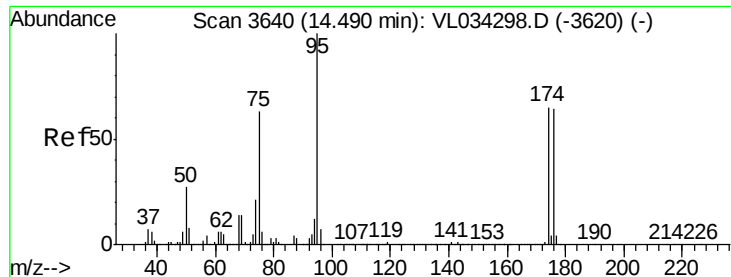
Tgt Ion: 91 Resp: 327757
Ion Ratio Lower Upper
91 100
106 43.7 35.4 53.2



#60
o-Xylene
Concen: 0.499 ppbv
RT: 13.75 min Scan# 3410
Delta R.T. -0.01 min
Lab File: VL034355.D
Acq: 24 Oct 2019 22:11

Tgt Ion: 91 Resp: 104120
Ion Ratio Lower Upper
91 100
106 41.5 21.6 64.6

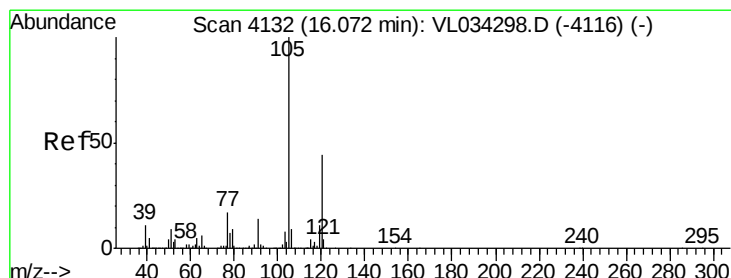
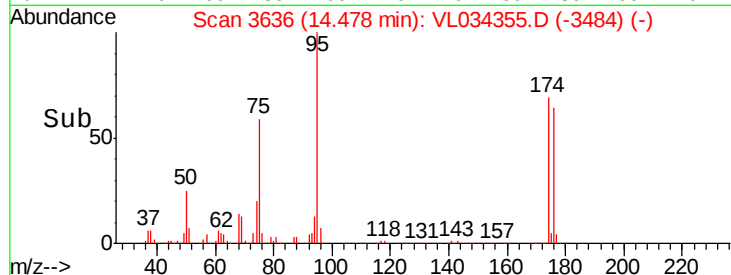
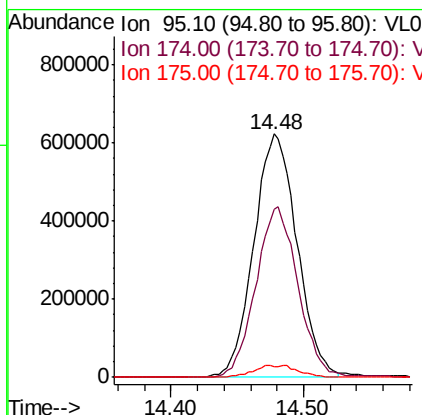
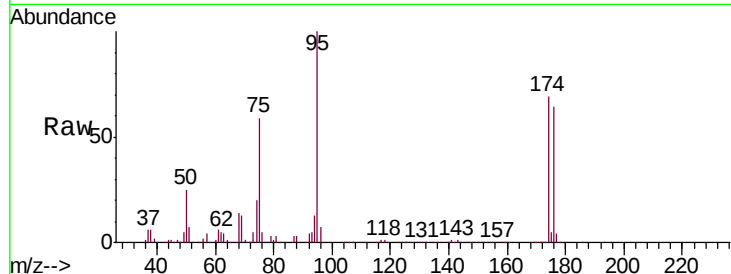




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.665 ppbv
 RT: 14.48 min Scan# 3636
 Delta R.T. -0.01 min
 Lab File: VL034355.D
 Acq: 24 Oct 2019 22:11

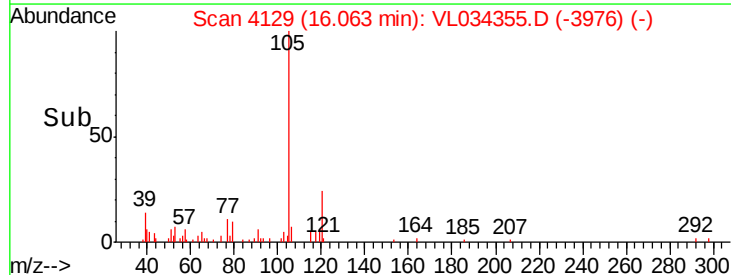
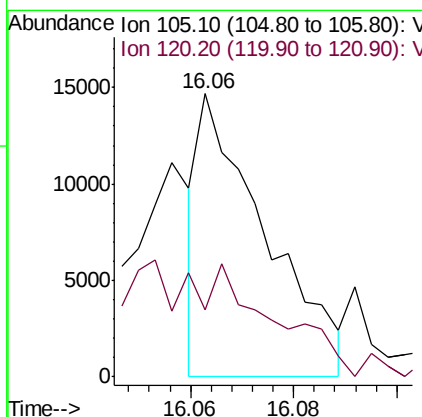
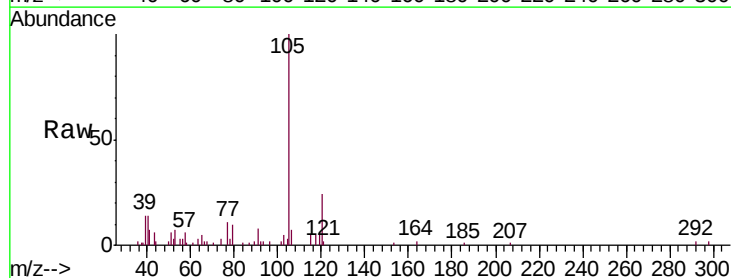
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

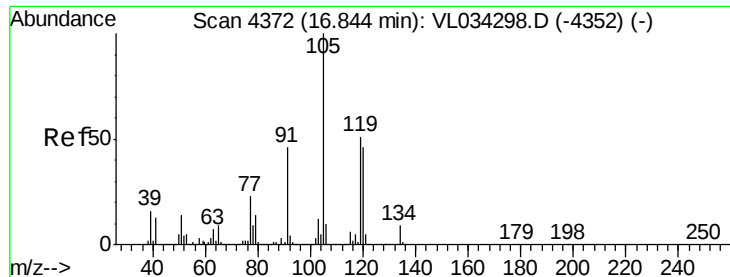
Tgt Ion: 95 Resp: 1414860
 Ion Ratio Lower Upper
 95 100
 174 69.1 52.6 78.8
 175 5.0 3.8 5.6



#73
 1,3,5-Trimethylbenzene
 Concen: 0.057 ppbv
 RT: 16.06 min Scan# 4129
 Delta R.T. -0.01 min
 Lab File: VL034355.D
 Acq: 24 Oct 2019 22:11

Tgt Ion: 105 Resp: 13219
 Ion Ratio Lower Upper
 105 100
 120 19.8 35.2 52.8#





#74

1,2,4-Trimethylbenzene

Concen: 0.182 ppbv

RT: 16.83 min Scan# 4369

Delta R.T. -0.01 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

Instrument :

MSVOA_L

ClientSampleId :

SV-2

Tgt Ion:105 Resp: 44142

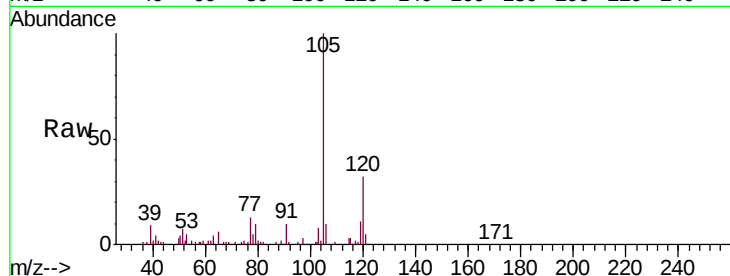
Ion Ratio Lower Upper

105 100

120 30.2 37.0 55.6#

91 9.3 38.2 57.2#

77 12.1 19.0 28.4#

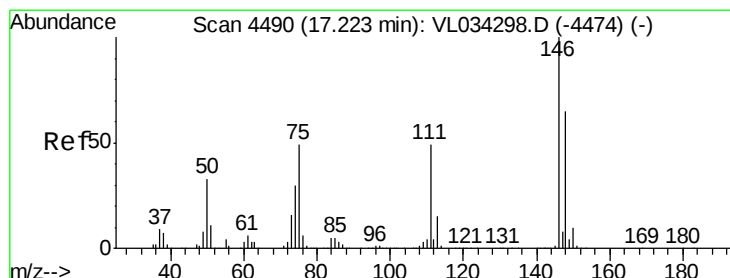
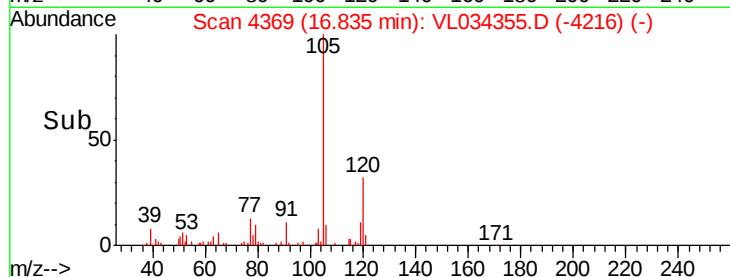
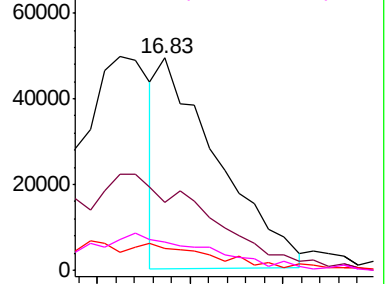


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.039 ppbv

RT: 17.21 min Scan# 4486

Delta R.T. -0.01 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

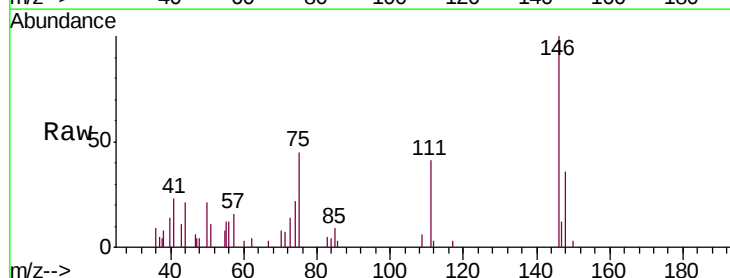
Tgt Ion:146 Resp: 5537

Ion Ratio Lower Upper

146 100

111 0.0 23.9 71.7#

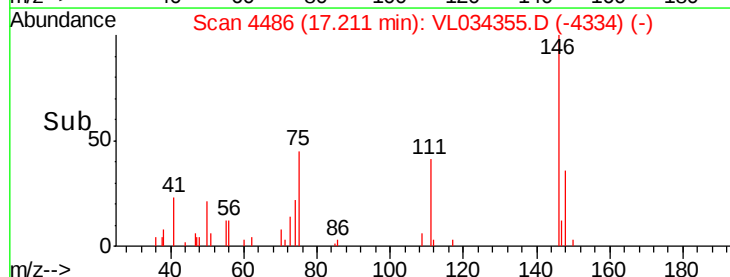
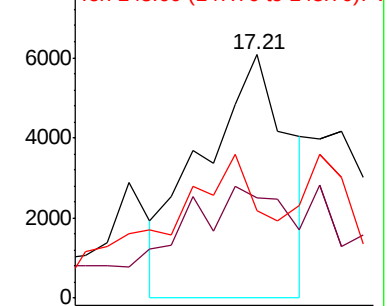
148 135.2 33.1 99.2#

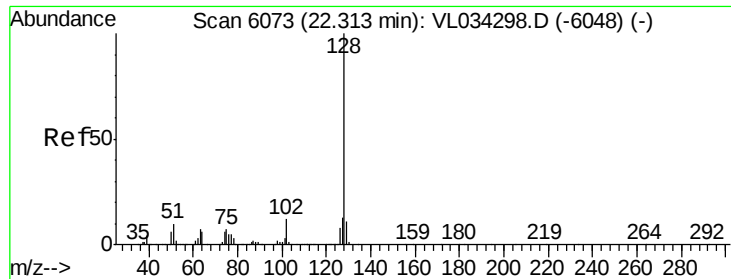


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#79

Naphthalene

Concen: 0.050 ppbv

RT: 22.29 min Scan# 6066

Delta R.T. -0.02 min

Lab File: VL034355.D

Acq: 24 Oct 2019 22:11

Instrument :

MSVOA_L

ClientSampleId :

SV-2

Tgt Ion:128 Resp: 8919

Ion Ratio Lower Upper

128 100

127 9.6 10.2 15.4#

129 0.0 8.9 13.3#

