

Data File : VL034179.D
Acq On : 17 Sep 2019 11:05
Operator : SY/AP
Sample : K4098-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
E049-1100

Quant Time: Sep 19 07:25:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1139962	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1928320	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	2116796	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	2092305	11.38	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.18	85	2081685	12.363	ppbv	97
3) Chlorodifluoromethane	2.95	51	67210	0.503	ppbv #	64
4) Chloromethane	3.12	50	3506	0.045	ppbv #	66
5) Vinyl Chloride	3.25	62	3198	0.045	ppbv	99
8) Dichlorotetrafluoroethane	3.18	85	2081685	14.007	ppbv	100
11) Trichlorofluoromethane	3.95	101	3556122	23.201	ppbv	90
13) Ethanol	3.60	45	2395	0.150	ppbv #	1
15) Acetone	3.86	43	88767	0.581	ppbv	97
17) tert-Butyl alcohol	4.29	59	94104	0.972	ppbv #	75
18) 1,1-Dichloroethene	4.30	96	1055558	24.127	ppbv	87
20) Methylene Chloride	4.36	84	34394	0.781	ppbv #	88
24) 1,1-Dichloroethane	5.03	63	3589518	23.678	ppbv #	96
25) Ethyl Acetate	5.72	43	88324	0.306	ppbv #	80
26) Hexane	5.71	57	54063	0.450	ppbv #	1
29) Chloroform	5.78	83	4431850	25.806	ppbv	92
32) 1,1,1-Trichloroethane	6.55	97	21479	0.130	ppbv #	27
34) 2-Butanone	5.29	43	10907	0.055	ppbv #	58
35) Carbon Tetrachloride	7.06	117	7159	0.045	ppbv #	38
36) Benzene	6.93	78	7806	0.037	ppbv	95
37) 1,2-Dichloroethane	6.35	62	2816207	18.591	ppbv	100
39) 1,2-Dichloropropane	7.22	63	640066	6.689	ppbv #	19
42) Bromodichloromethane	7.84	83	3754380	20.652	ppbv	95
47) 1,1,2-Trichloroethane	9.53	97	2776	0.032	ppbv #	39
58) Ethyl Benzene	12.79	91	7860107	23.013	ppbv #	78
59) m/p-Xylene	13.04	91	3695195	13.062	ppbv	100
60) o-Xylene	13.77	91	4709975	16.650	ppbv	97
61) Styrene	13.60	104	6726	0.033	ppbv #	24
67) sec-Butylbenzene	17.38	105	19680	0.043	ppbv #	85
69) p-Isopropyltoluene	17.74	119	15659	0.042	ppbv #	73
78) Hexachloro-1,3-Butadiene	23.46	225	5341	0.045	ppbv #	1
79) Naphthalene	22.31	128	14970	0.052	ppbv	97
80) Naphthalene,2-methyl-	25.05	142	25398	0.189	ppbv	96

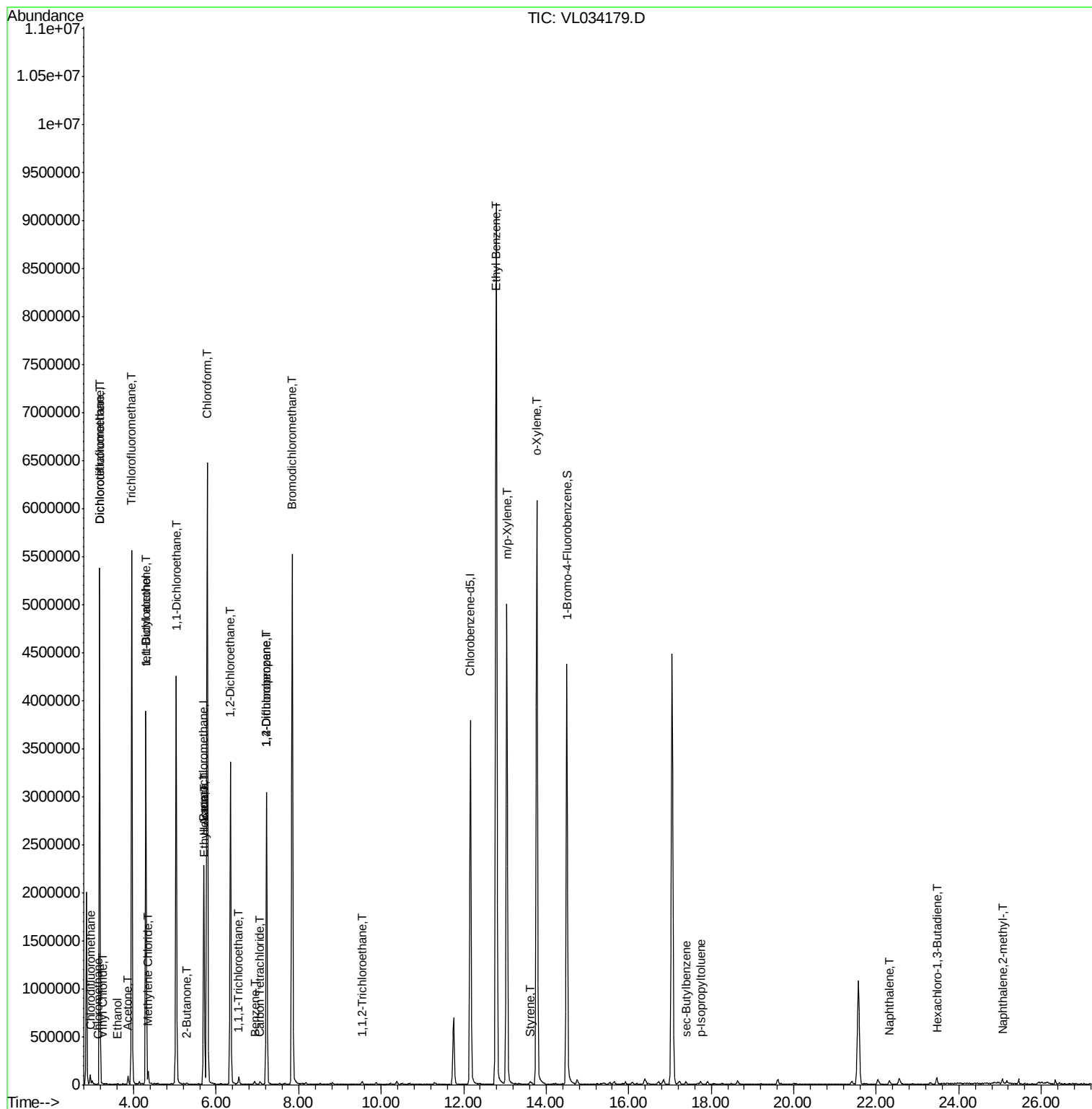
(#) = qualifier out of range (m) = manual integration (+) = signals summed

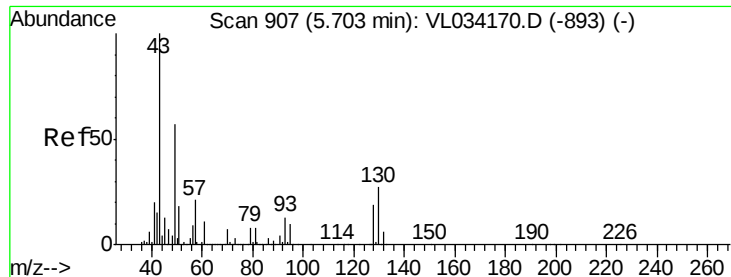
Data File : VL034179.D

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Acq On       : 17 Sep 2019  11:05
Operator     : SY/AP
Sample       : K4098-01
Misc         : 400ml/MSV0A_L
ALS Vial     : 1      Sample Multipl
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Instrument :
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Quant Time: Sep 19 07:25:30 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 905

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

E049-1100

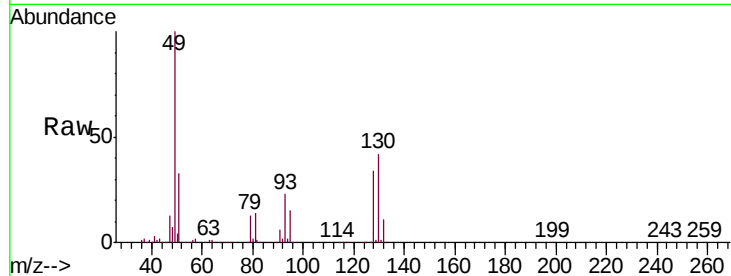
Tgt Ion: 49 Resp: 1139962

Ion Ratio Lower Upper

49 100

128 34.6 17.6 52.9

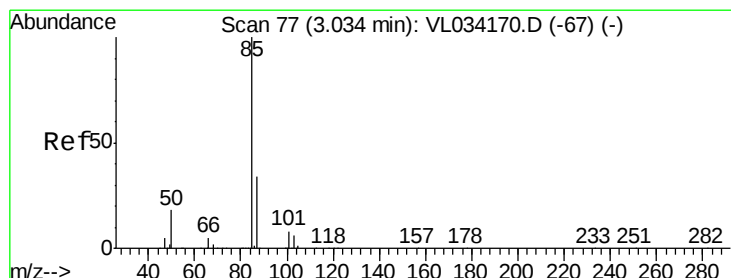
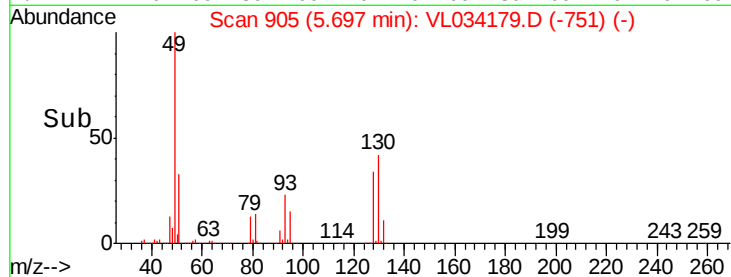
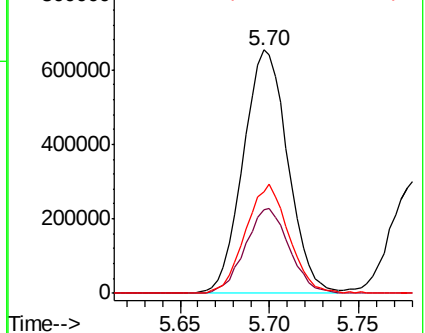
130 43.9 22.3 66.9



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 12.363 ppbv

RT: 3.18 min Scan# 121

Delta R.T. 0.14 min

Lab File: VL034179.D

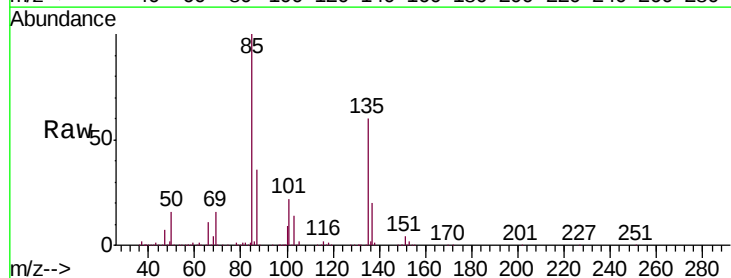
Acq: 17 Sep 2019 11:05

Tgt Ion: 85 Resp: 2081685

Ion Ratio Lower Upper

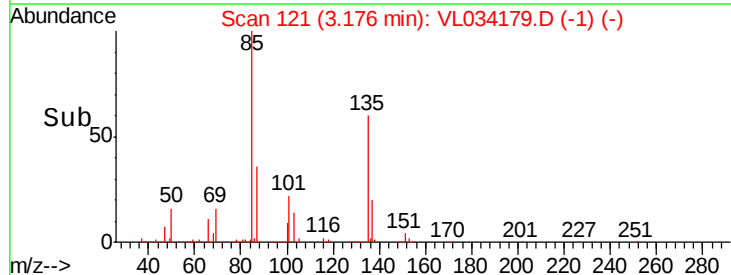
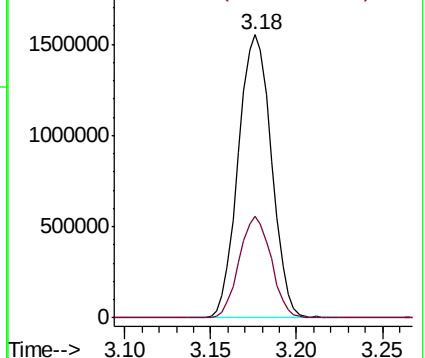
85 100

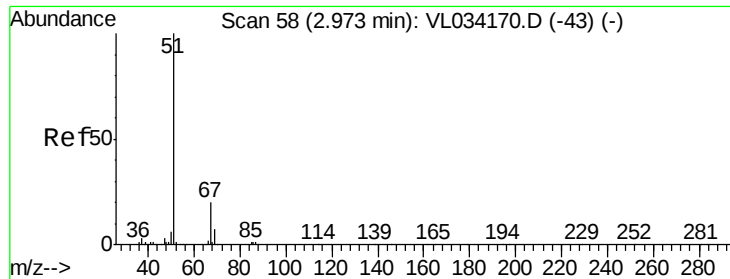
87 35.9 27.2 40.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.503 ppbv

RT: 2.95 min Scan# 50

Delta R.T. -0.03 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Instrument :

MSVOA_L

ClientSampleId :

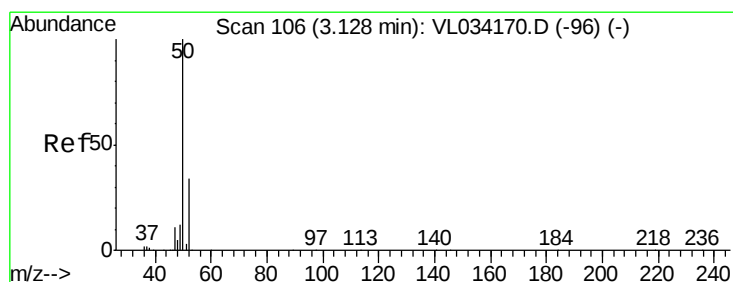
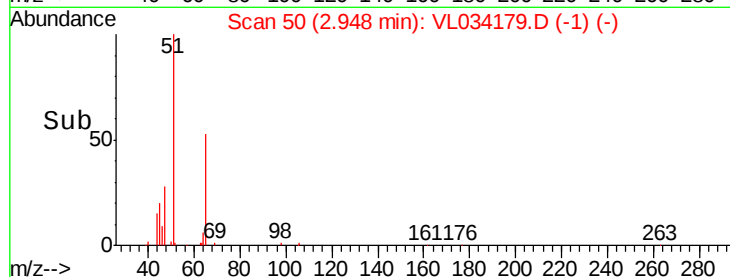
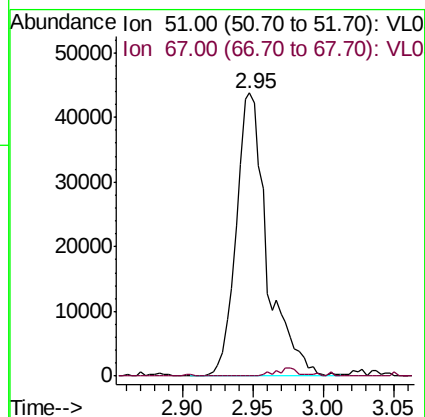
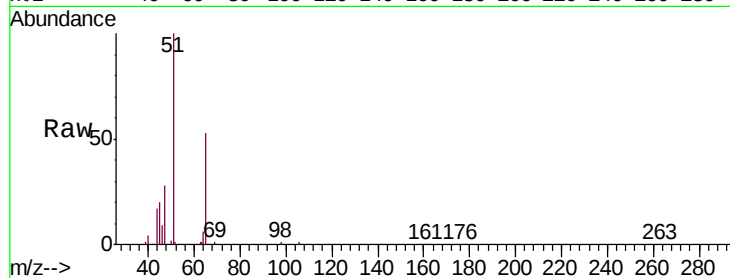
E049-1100

Tgt Ion: 51 Resp: 67210

Ion Ratio Lower Upper

51 100

67 2.4 14.8 22.2#



#4

Chloromethane

Concen: 0.045 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.00 min

Lab File: VL034179.D

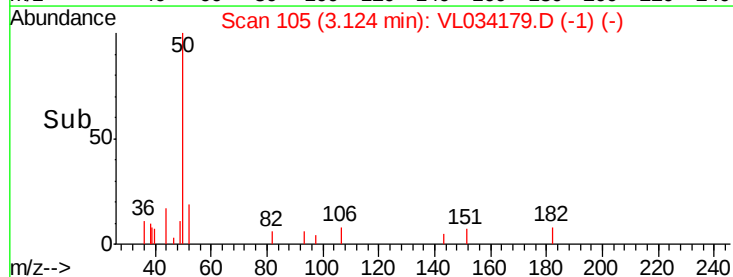
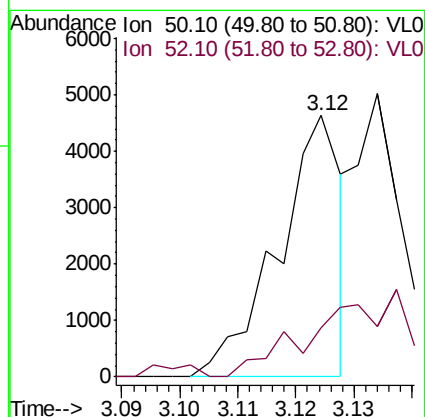
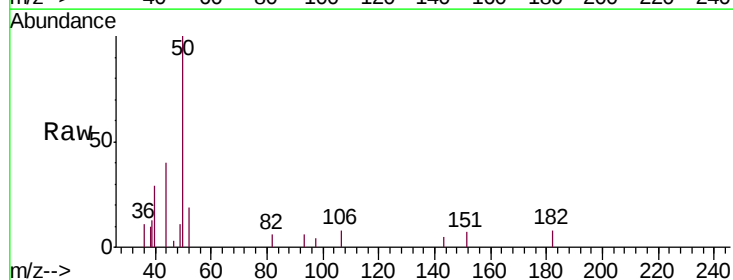
Acq: 17 Sep 2019 11:05

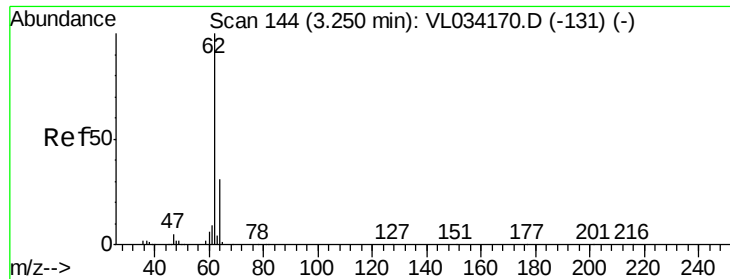
Tgt Ion: 50 Resp: 3506

Ion Ratio Lower Upper

50 100

52 14.4 27.1 40.7#





#5

Vinyl Chloride

Concen: 0.045 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.00 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Instrument :

MSVOA_L

ClientSampleId :

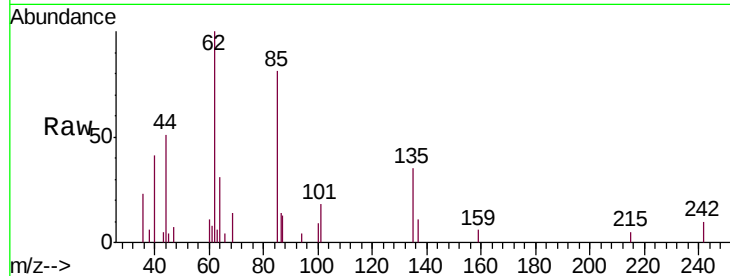
E049-1100

Tgt Ion: 62 Resp: 3198

Ion Ratio Lower Upper

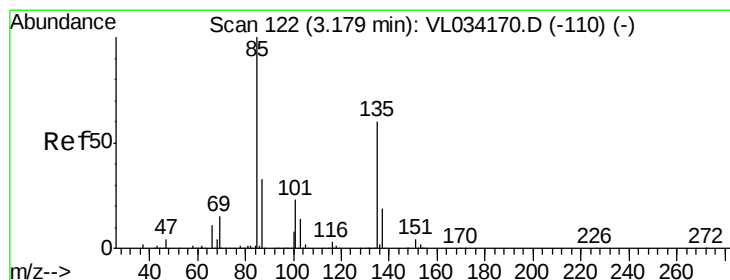
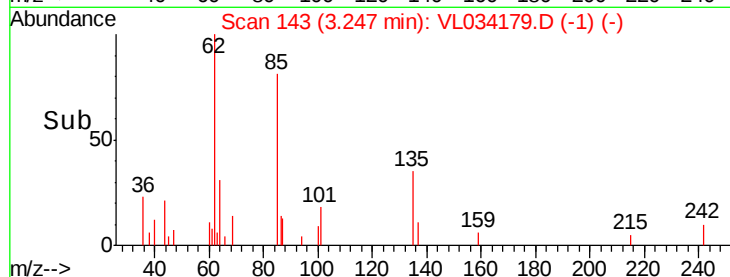
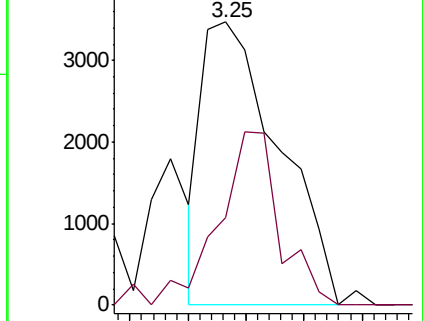
62 100

64 30.9 25.2 37.8



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 14.007 ppbv

RT: 3.18 min Scan# 121

Delta R.T. -0.00 min

Lab File: VL034179.D

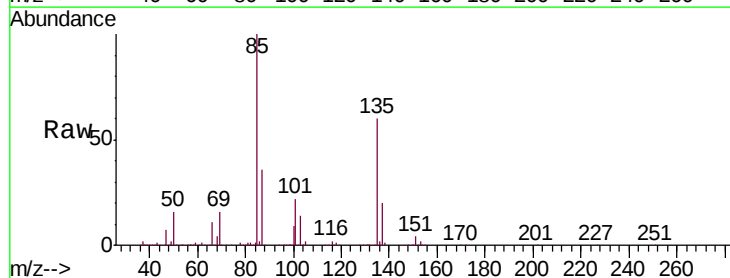
Acq: 17 Sep 2019 11:05

Tgt Ion: 85 Resp: 2081685

Ion Ratio Lower Upper

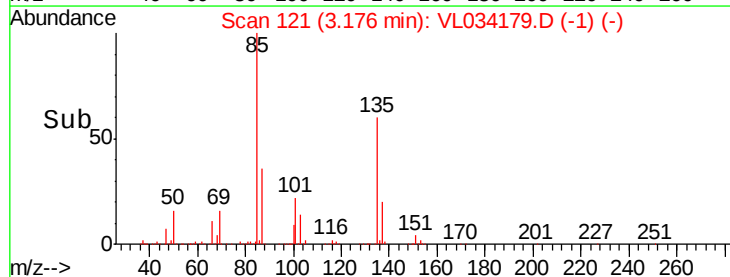
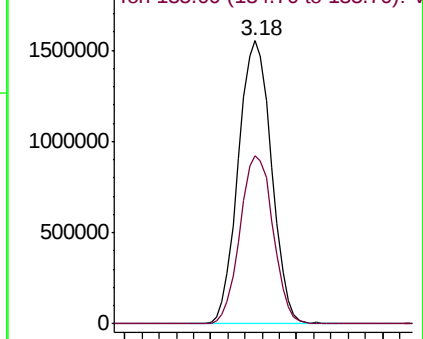
85 100

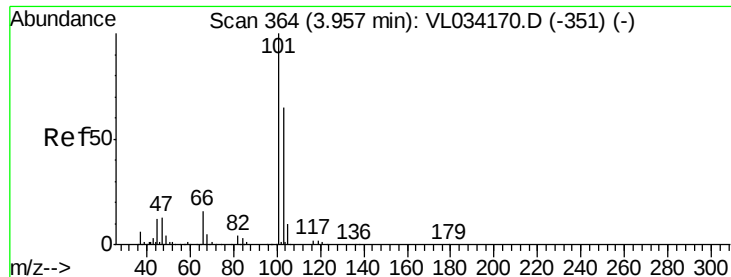
135 59.3 47.3 70.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

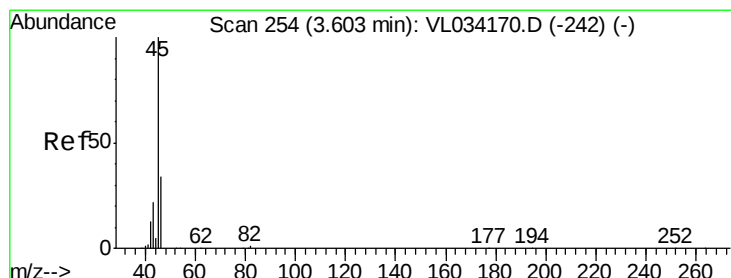
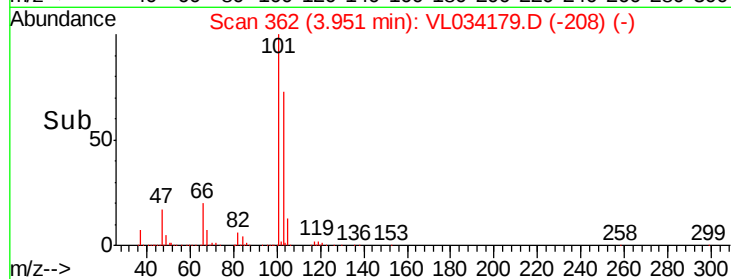
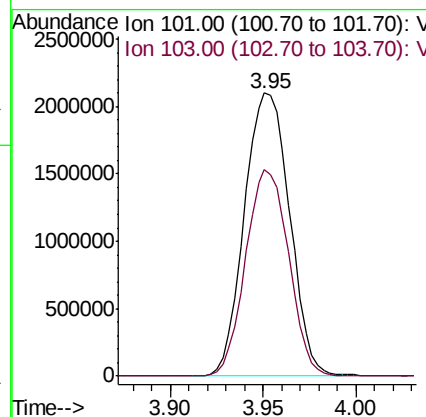
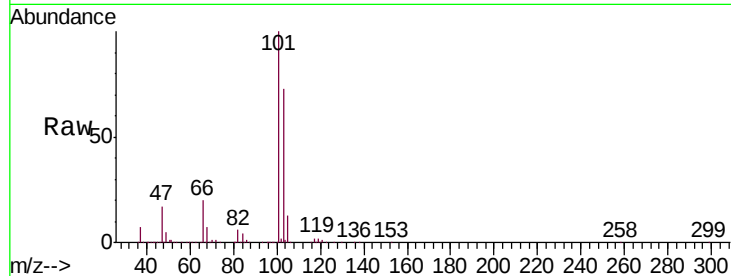




#11
 Trichlorofluoromethane
 Concen: 23.201 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VL034179.D
 Acq: 17 Sep 2019 11:05

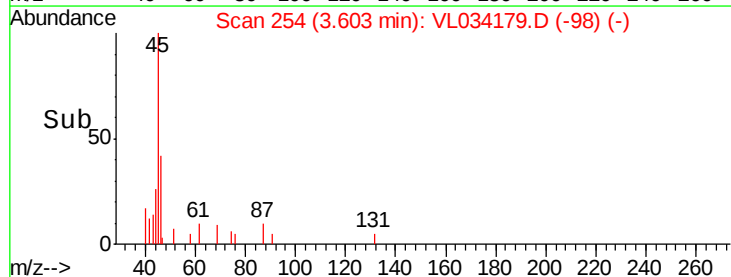
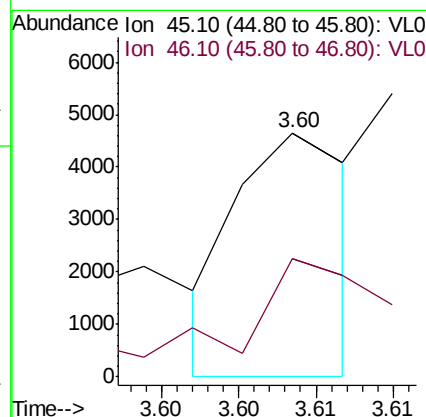
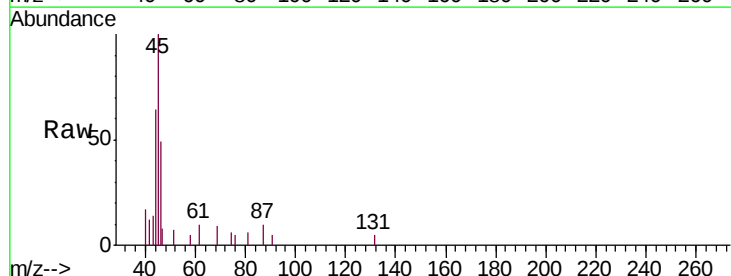
Instrument :
 MSVOA_L
 ClientSampleId :
 E049-1100

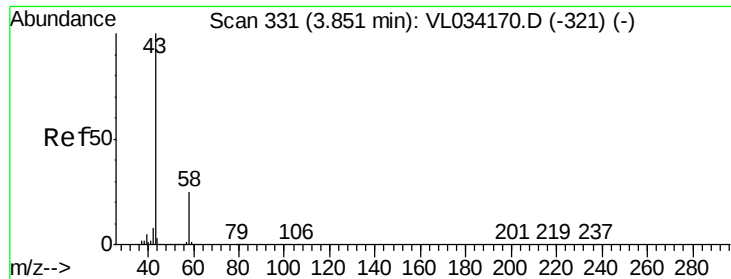
Tgt Ion:101 Resp: 3556122
 Ion Ratio Lower Upper
 101 100
 103 73.0 52.1 78.1



#13
 Ethanol
 Concen: 0.150 ppbv
 RT: 3.60 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VL034179.D
 Acq: 17 Sep 2019 11:05

Tgt Ion: 45 Resp: 2395
 Ion Ratio Lower Upper
 45 100
 46 147.6 15.5 61.9#





#15

Acetone

Concen: 0.581 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Instrument :

MSVOA_L

ClientSampleId :

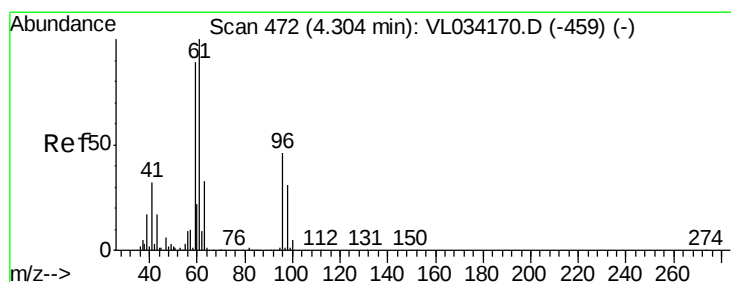
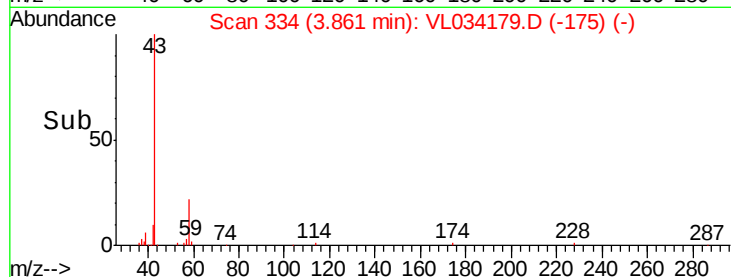
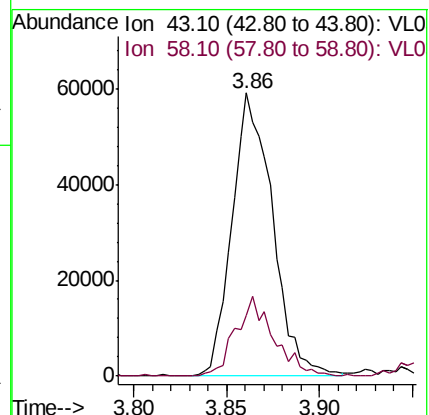
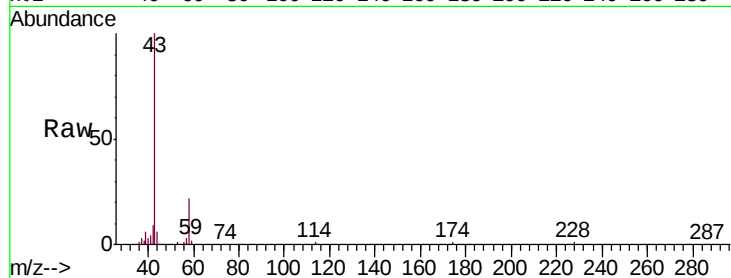
E049-1100

Tgt Ion: 43 Resp: 88767

Ion Ratio Lower Upper

43 100

58 27.0 20.5 30.7



#17

tert-Butyl alcohol

Concen: 0.972 ppbv

RT: 4.29 min Scan# 469

Delta R.T. -0.01 min

Lab File: VL034179.D

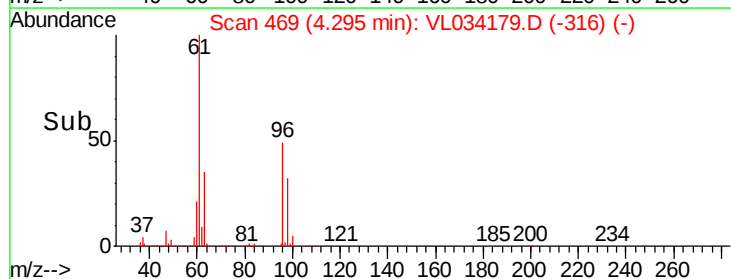
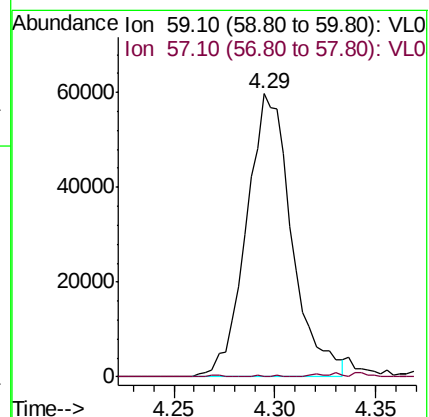
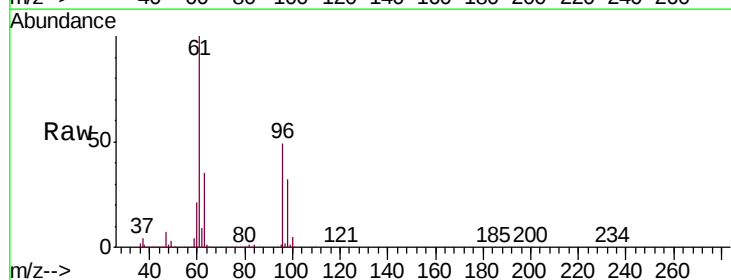
Acq: 17 Sep 2019 11:05

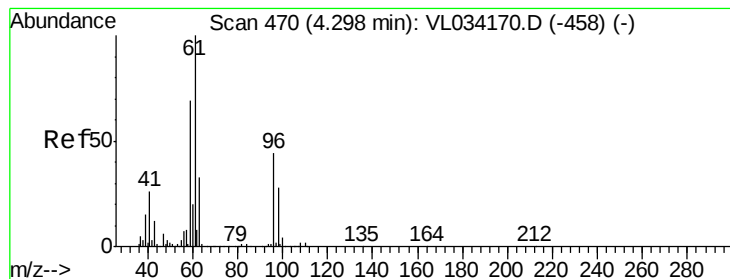
Tgt Ion: 59 Resp: 94104

Ion Ratio Lower Upper

59 100

57 1.4 8.7 13.1#





#18

1,1-Dichloroethene

Concen: 24.127 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.00 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Instrument :

MSVOA_L

ClientSampleId :

E049-1100

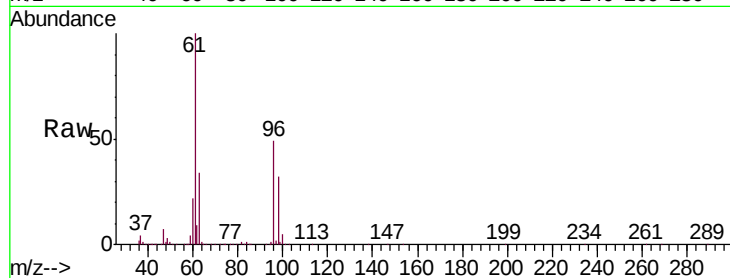
Tgt Ion: 96 Resp: 1055558

Ion Ratio Lower Upper

96 100

61 203.0 183.3 274.9

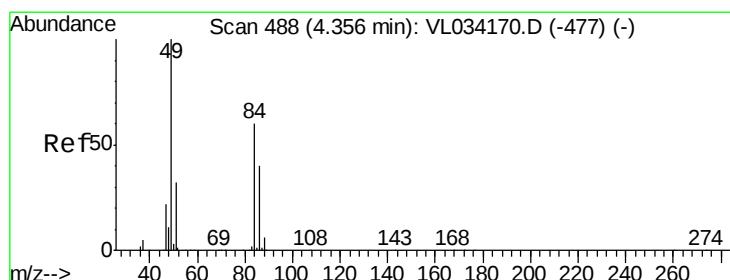
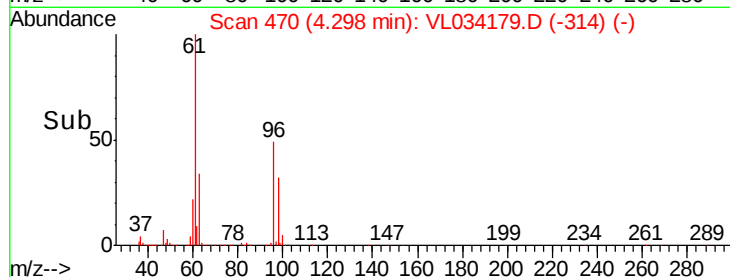
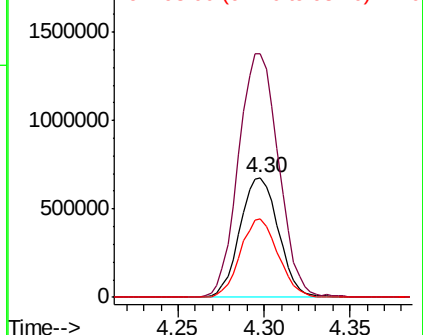
98 65.7 51.4 77.2



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#20

Methylene Chloride

Concen: 0.781 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.00 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Tgt Ion: 84 Resp: 34394

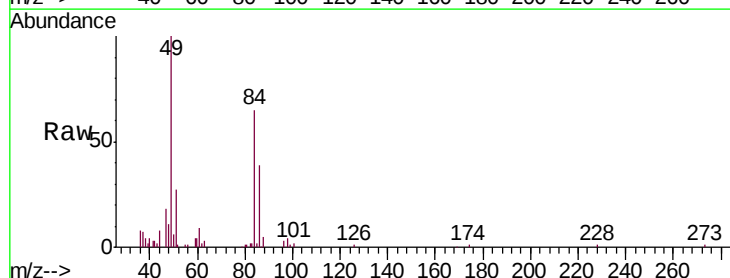
Ion Ratio Lower Upper

84 100

49 153.9 133.8 200.8

51 40.4 43.6 65.4#

86 58.9 53.1 79.7

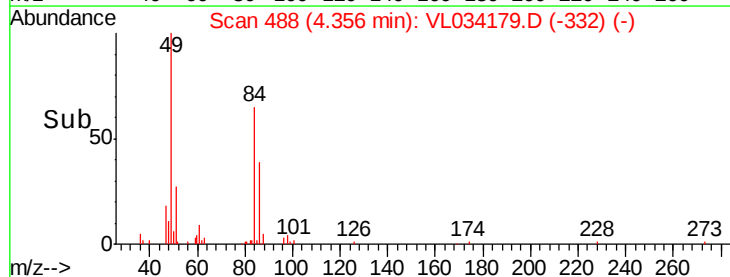
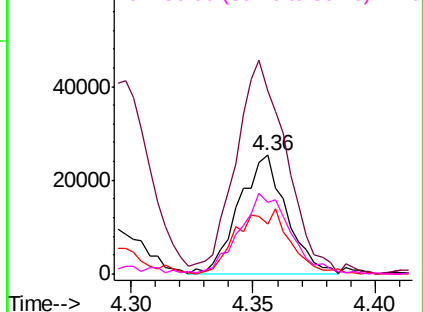


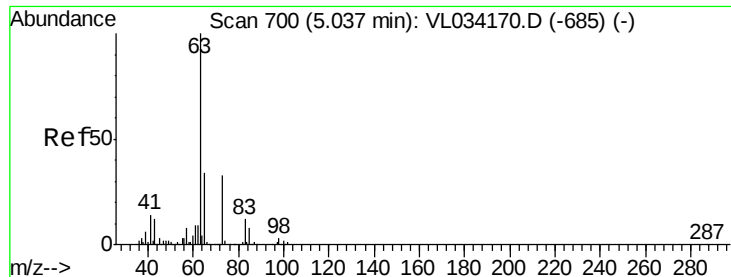
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#24

1,1-Dichloroethane

Concen: 23.678 ppbv

RT: 5.03 min Scan# 698

Delta R.T. -0.01 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Instrument :

MSVOA_L

ClientSampleId :

E049-1100

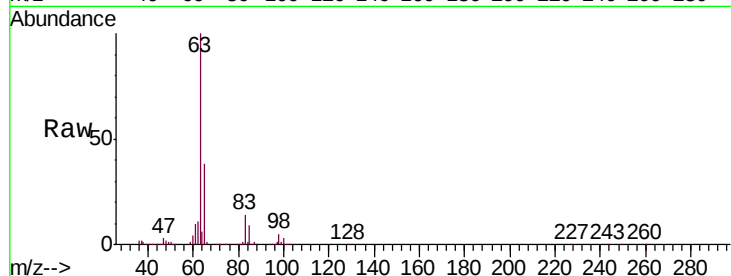
Tgt Ion: 63 Resp: 3589518

Ion Ratio Lower Upper

63 100

98 4.8 1.8 5.3

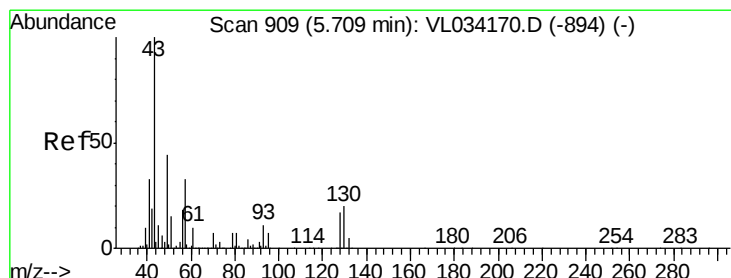
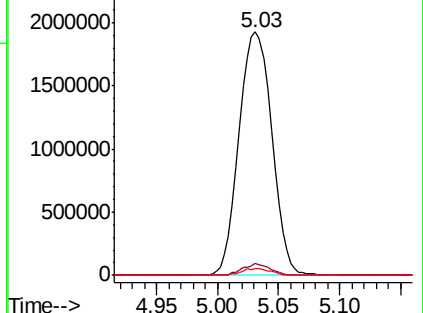
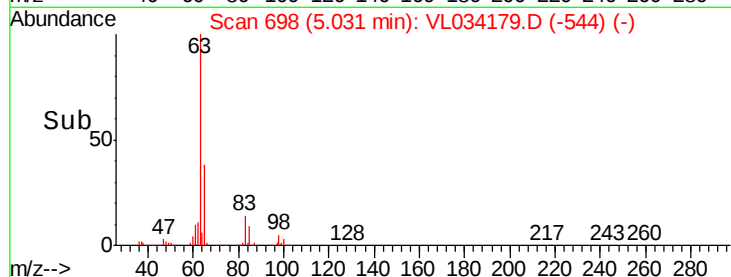
100 3.0 1.0 3.0#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



#25

Ethyl Acetate

Concen: 0.306 ppbv

RT: 5.72 min Scan# 911

Delta R.T. 0.01 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Tgt Ion: 43 Resp: 88324

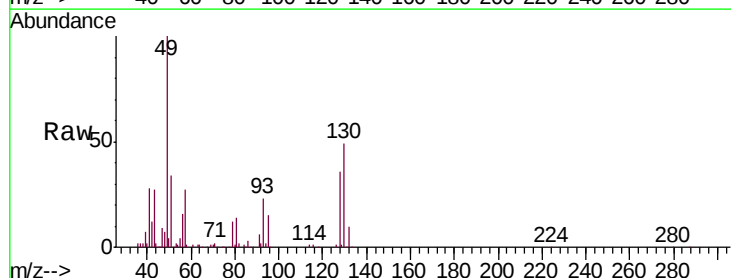
Ion Ratio Lower Upper

43 100

45 1.8 8.4 12.6#

61 1.6 7.2 10.8#

70 2.3 5.3 7.9#

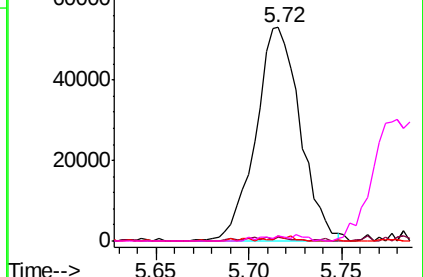
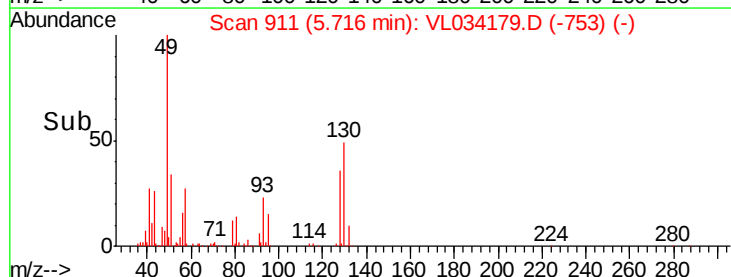


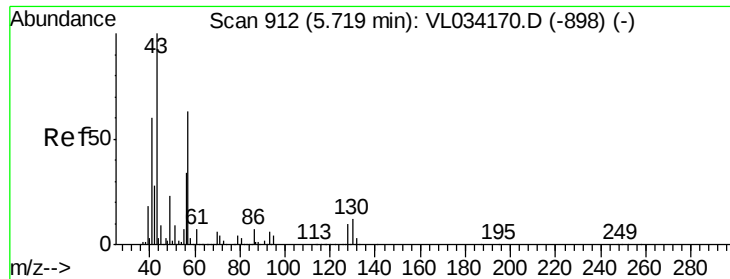
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

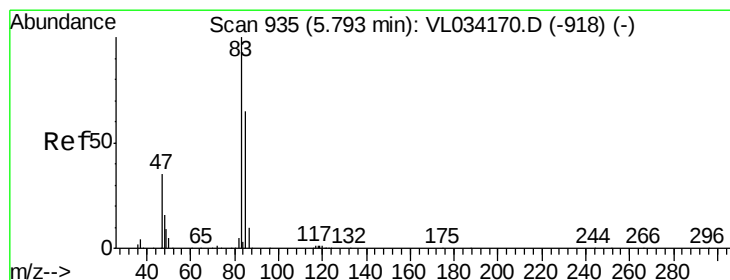
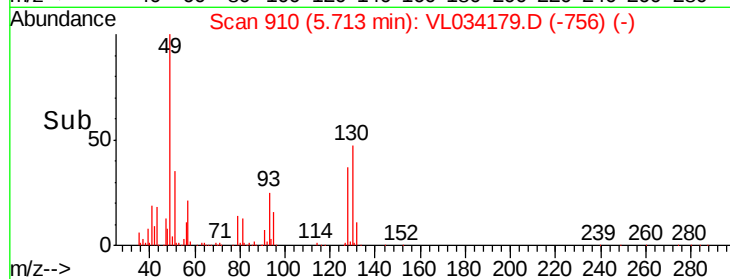
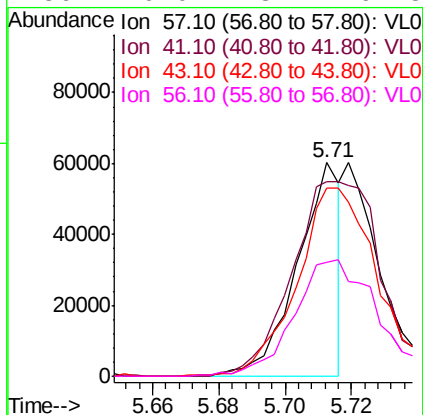
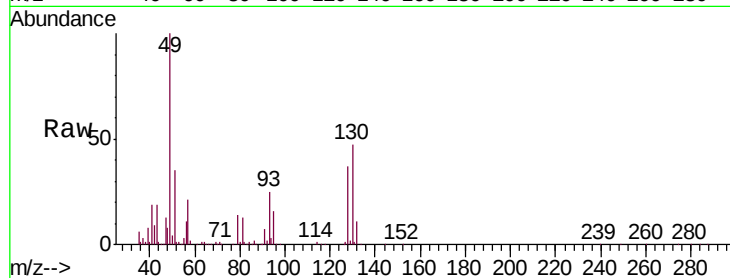




#26
Hexane
Concen: 0.450 ppbv
RT: 5.71 min Scan# 910
Delta R.T. -0.01 min
Lab File: VL034179.D
Acq: 17 Sep 2019 11:05

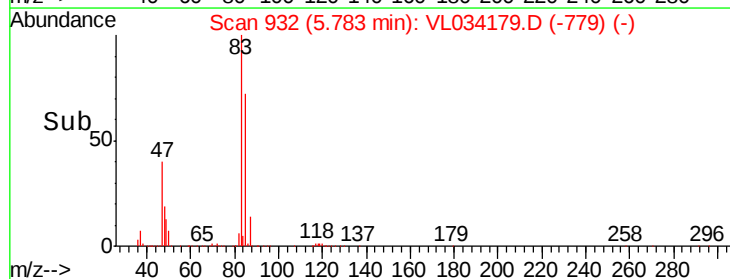
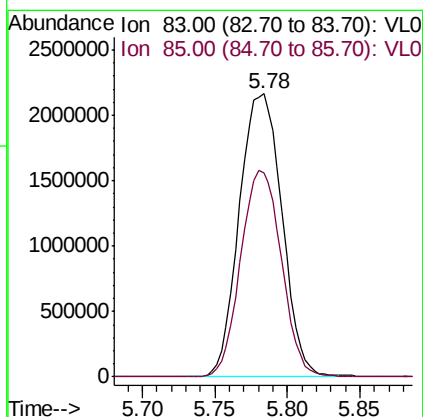
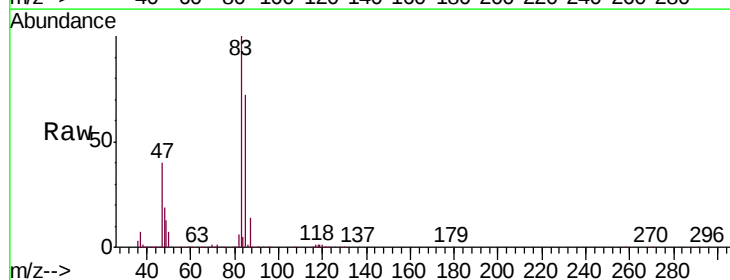
Instrument :
MSVOA_L
ClientSampleId :
E049-1100

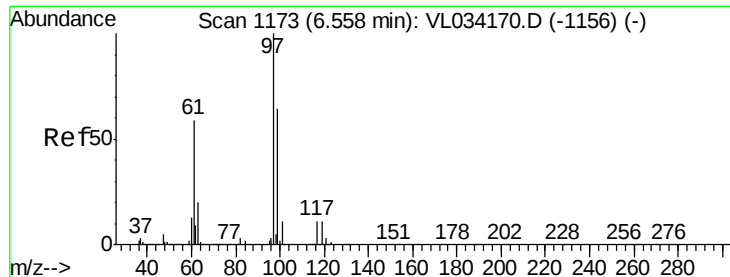
Tgt Ion: 57 Resp: 54063
Ion Ratio Lower Upper
57 100
41 0.0 78.5 117.7#
43 0.0 189.5 284.3#
56 0.0 43.2 64.8#



#29
Chloroform
Concen: 25.806 ppbv
RT: 5.78 min Scan# 932
Delta R.T. -0.01 min
Lab File: VL034179.D
Acq: 17 Sep 2019 11:05

Tgt Ion: 83 Resp: 4431850
Ion Ratio Lower Upper
83 100
85 72.1 52.3 78.5





#32

1,1,1-Trichloroethane

Concen: 0.130 ppbv

RT: 6.55 min Scan# 1170

Delta R.T. -0.01 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Instrument :

MSVOA_L

ClientSampleId :

E049-1100

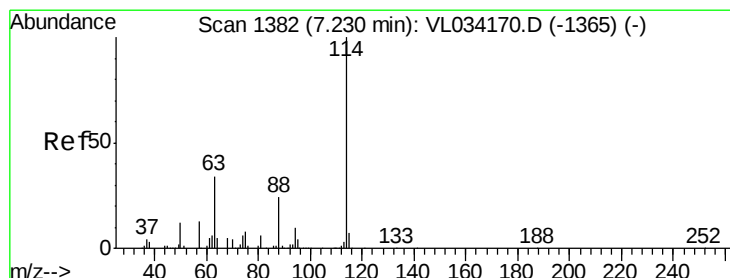
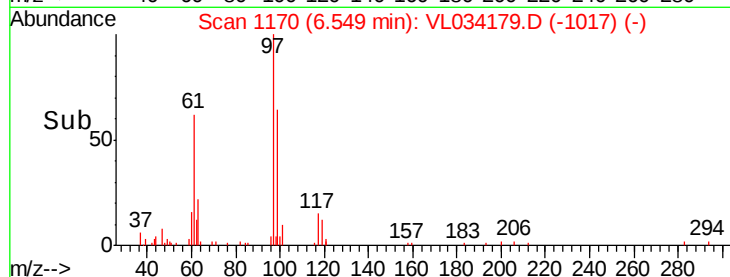
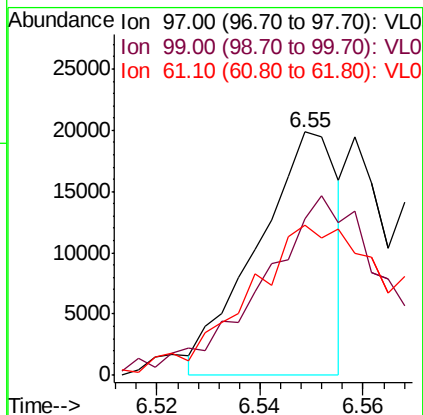
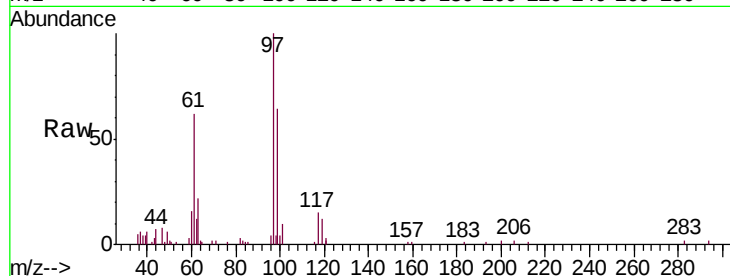
Tgt Ion: 97 Resp: 21479

Ion Ratio Lower Upper

97 100

99 118.8 51.4 77.2#

61 119.1 48.4 72.6#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.22 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

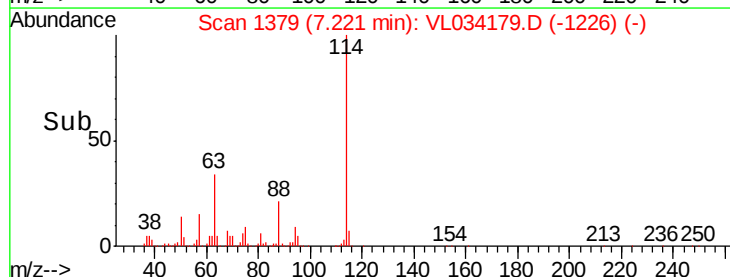
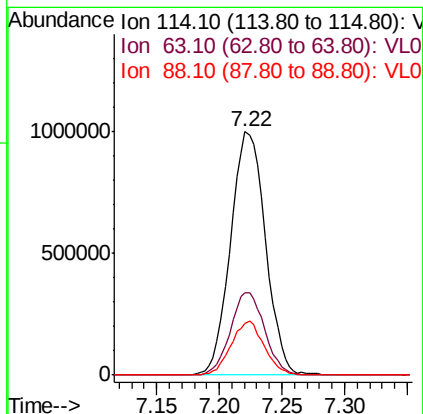
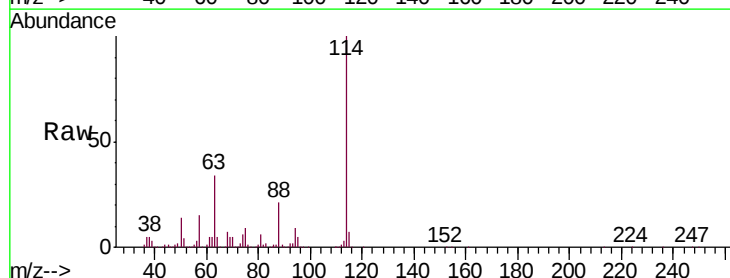
Tgt Ion: 114 Resp: 1928320

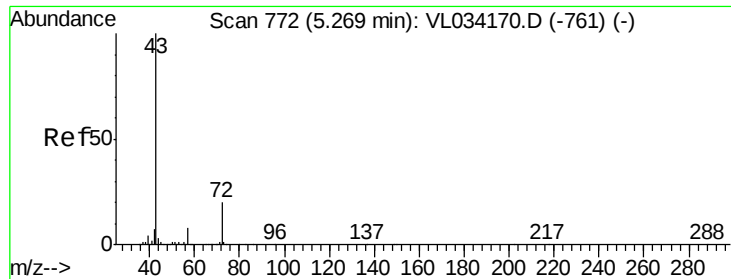
Ion Ratio Lower Upper

114 100

63 33.3 27.8 41.6

88 21.1 17.1 25.7

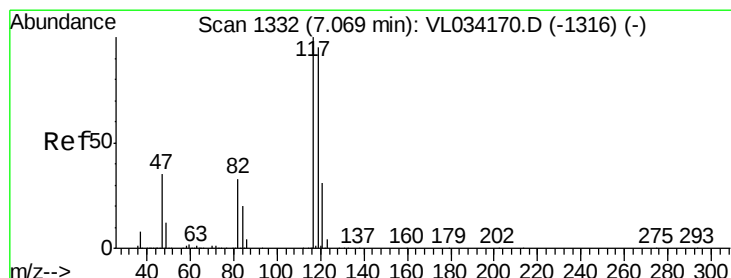
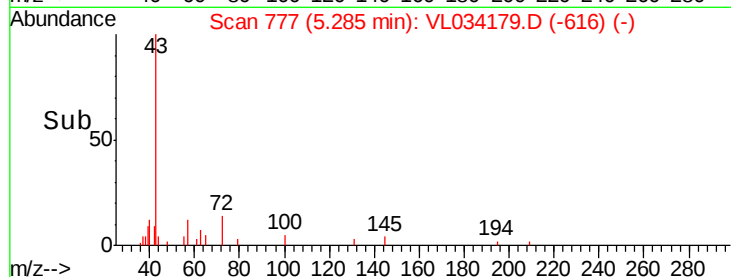
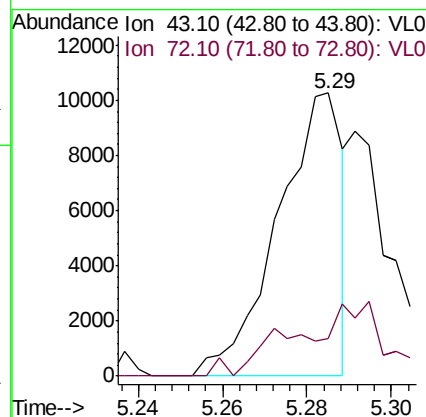
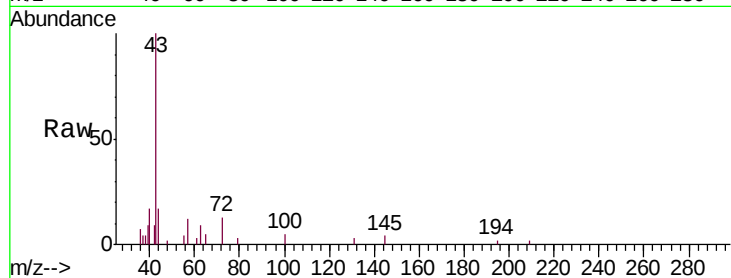




#34
2-Butanone
Concen: 0.055 ppbv
RT: 5.29 min Scan# 777
Delta R.T. 0.02 min
Lab File: VL034179.D
Acq: 17 Sep 2019 11:05

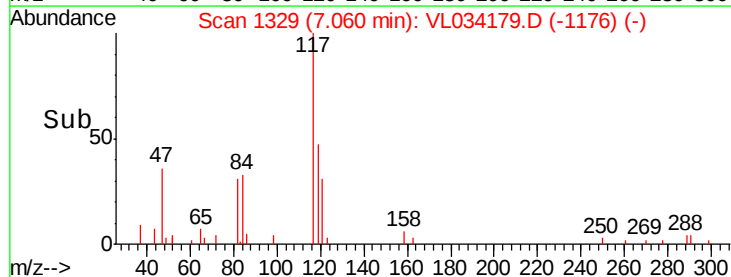
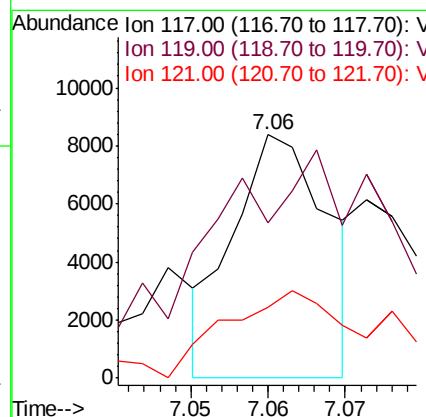
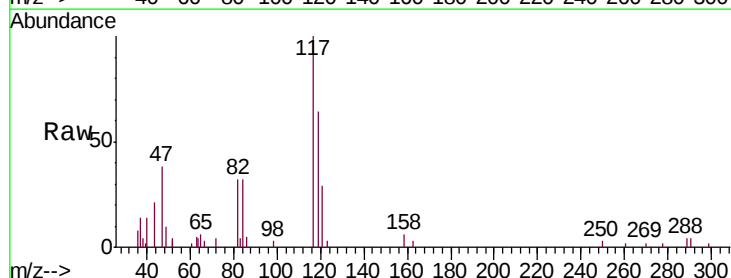
Instrument :
MSVOA_L
ClientSampleId :
E049-1100

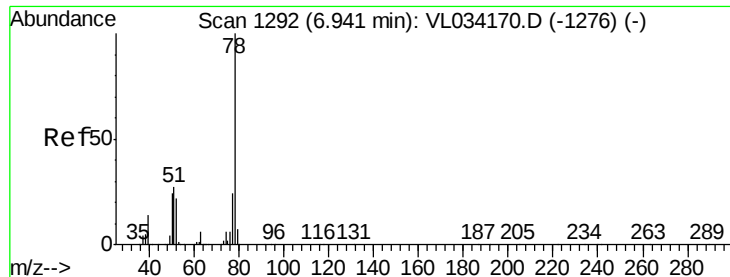
Tgt Ion: 43 Resp: 10907
Ion Ratio Lower Upper
43 100
72 0.0 15.0 22.6#



#35
Carbon Tetrachloride
Concen: 0.045 ppbv
RT: 7.06 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VL034179.D
Acq: 17 Sep 2019 11:05

Tgt Ion: 117 Resp: 7159
Ion Ratio Lower Upper
117 100
119 19.0 75.8 113.6#
121 24.6 25.0 37.6#





#36

Benzene

Concen: 0.037 ppbv

RT: 6.93 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Instrument :

MSVOA_L

ClientSampleId :

E049-1100

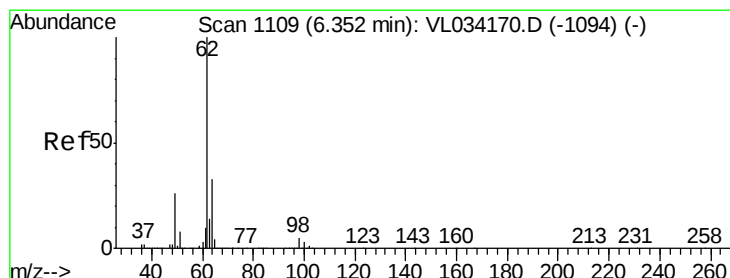
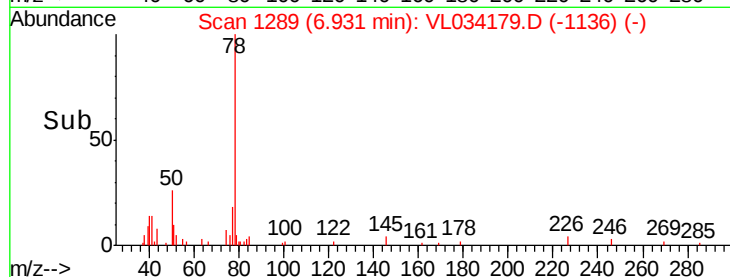
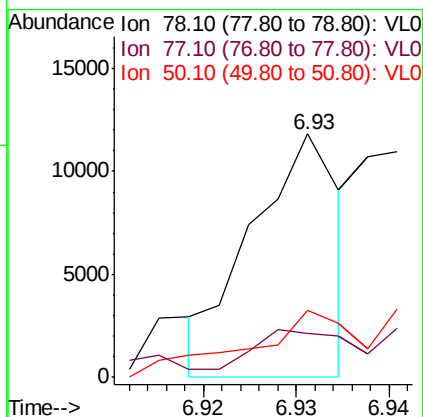
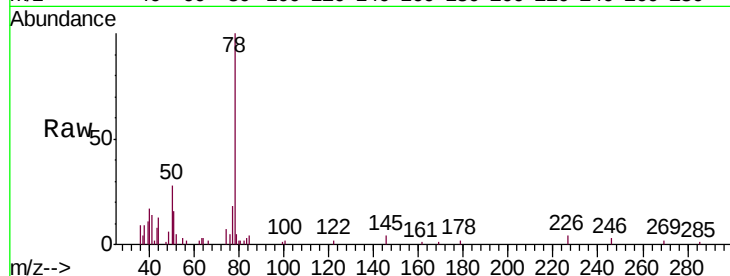
Tgt Ion: 78 Resp: 7806

Ion Ratio Lower Upper

78 100

77 19.4 19.0 28.4

50 24.6 18.9 28.3



#37

1,2-Dichloroethane

Concen: 18.591 ppbv

RT: 6.35 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VL034179.D

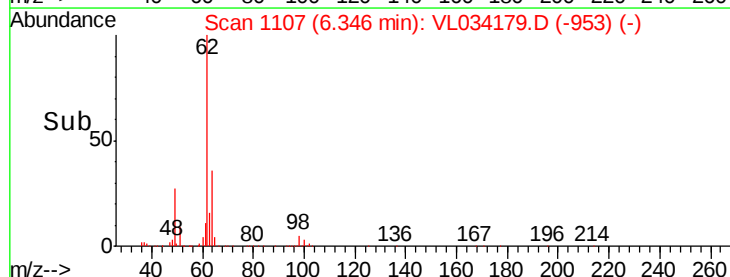
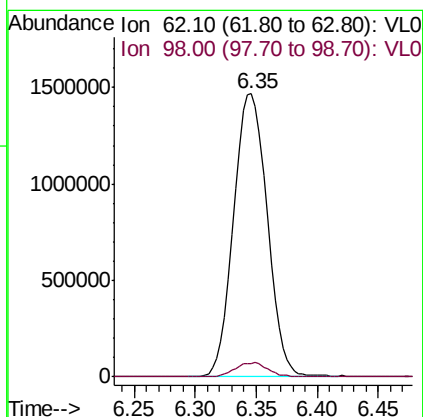
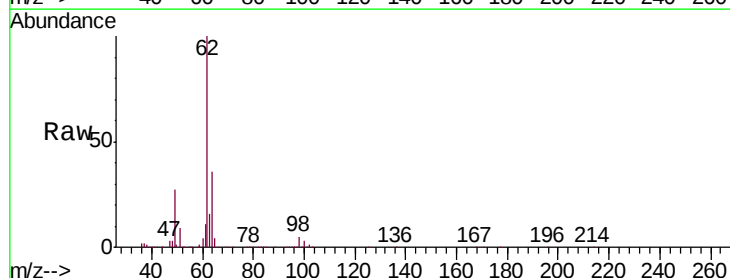
Acq: 17 Sep 2019 11:05

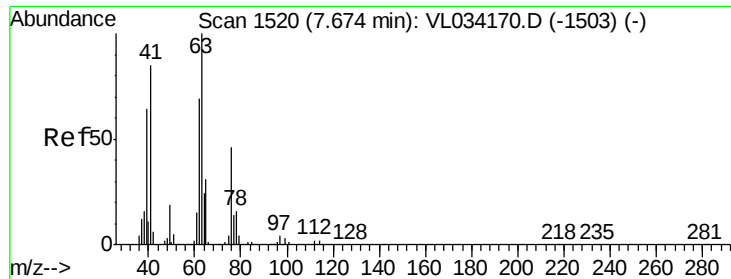
Tgt Ion: 62 Resp: 2816207

Ion Ratio Lower Upper

62 100

98 4.9 3.8 5.8

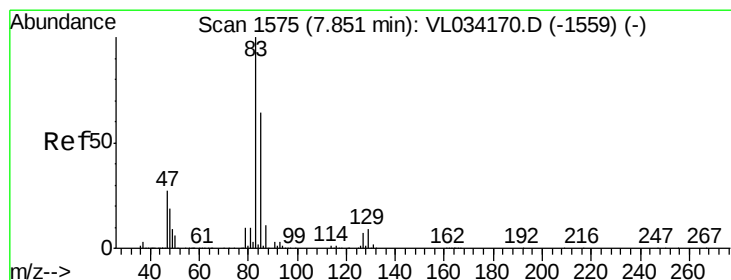
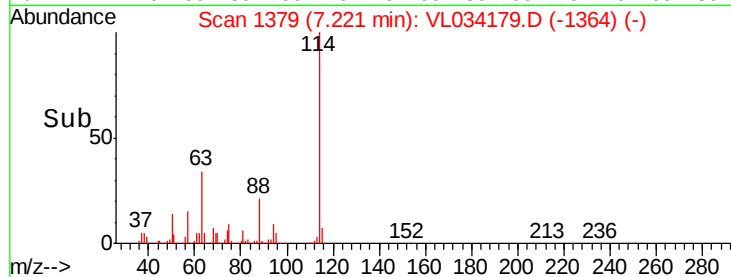
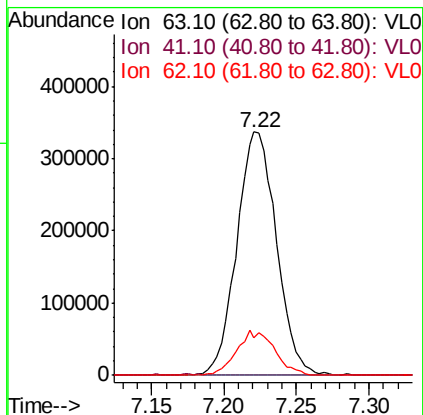
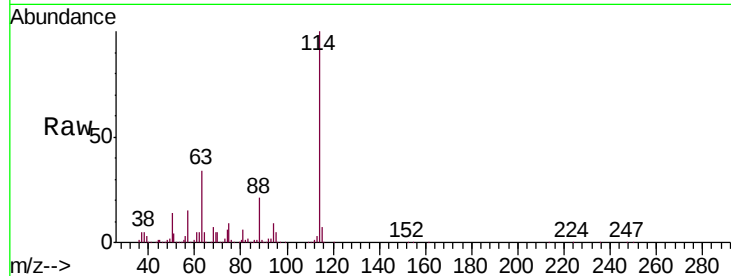




#39
 1,2-Dichloropropane
 Concen: 6.689 ppbv
 RT: 7.22 min Scan# 1379
 Delta R.T. -0.45 min
 Lab File: VL034179.D
 Acq: 17 Sep 2019 11:05

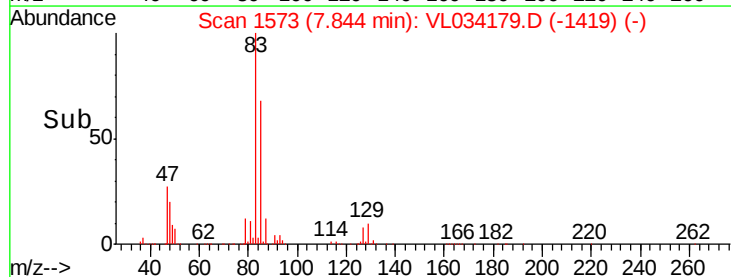
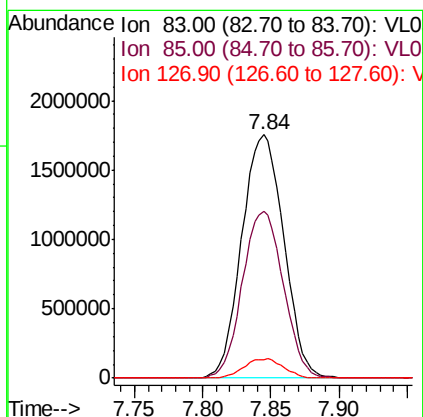
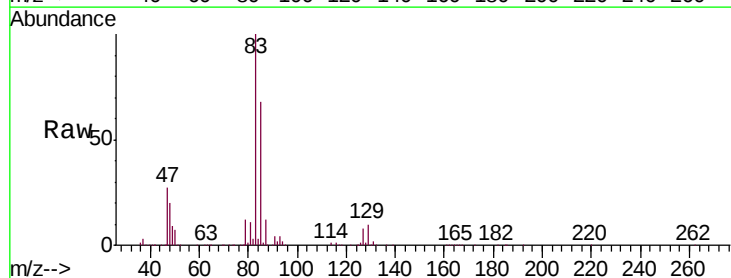
Instrument :
 MSVOA_L
 ClientSampleId :
 E049-1100

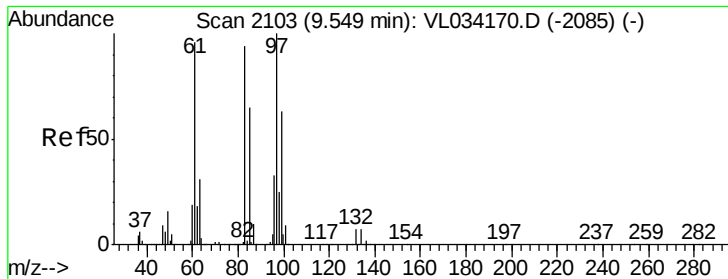
Tgt Ion: 63 Resp: 640066
 Ion Ratio Lower Upper
 63 100
 41 0.0 68.4 102.6#
 62 15.3 55.4 83.2#



#42
 Bromodichloromethane
 Concen: 20.652 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: VL034179.D
 Acq: 17 Sep 2019 11:05

Tgt Ion: 83 Resp: 3754380
 Ion Ratio Lower Upper
 83 100
 85 68.3 51.4 77.0
 127 7.7 5.5 8.3

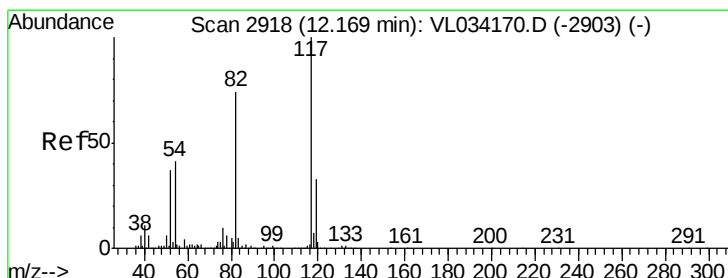
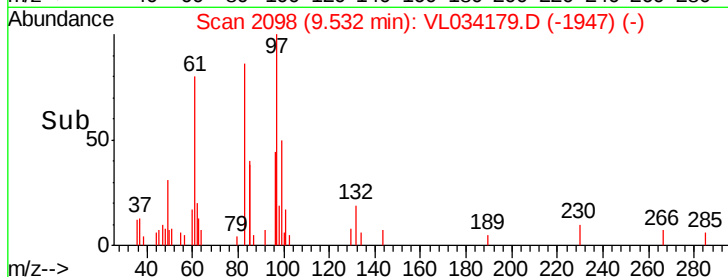
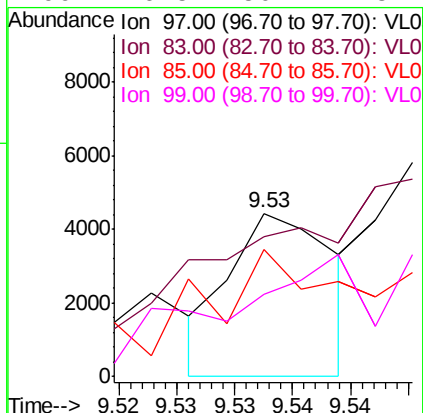
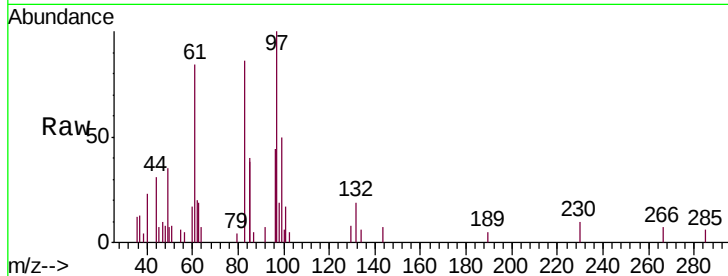




#47
 1,1,2-Trichloroethane
 Concen: 0.032 ppbv
 RT: 9.53 min Scan# 2098
 Delta R.T. -0.02 min
 Lab File: VL034179.D
 Acq: 17 Sep 2019 11:05

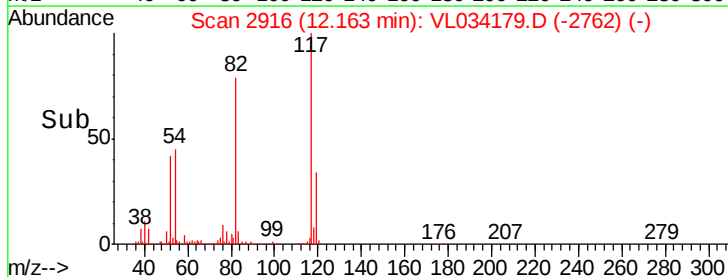
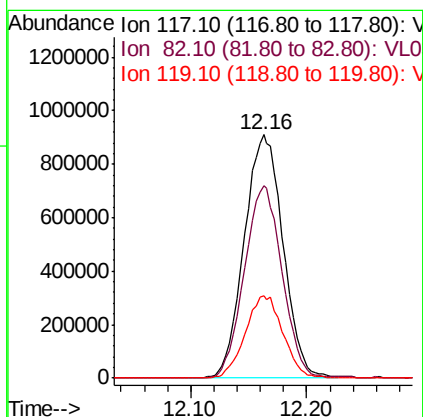
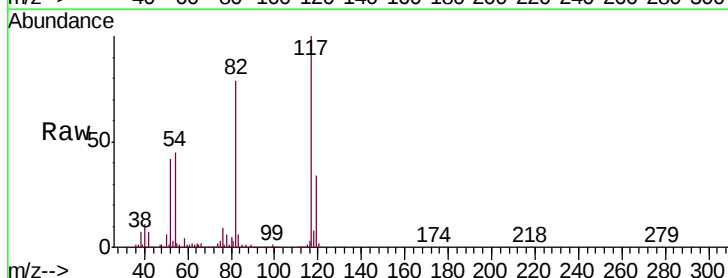
Instrument :
 MSVOA_L
 ClientSampleId :
 E049-1100

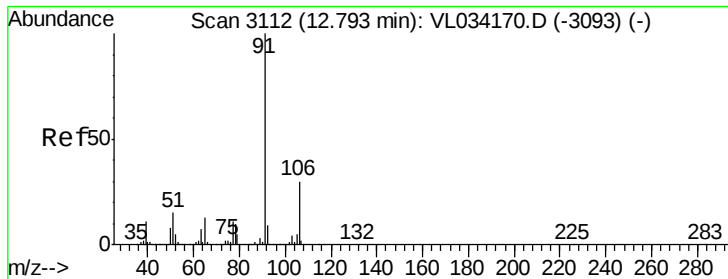
Tgt Ion: 97 Resp: 2776
 Ion Ratio Lower Upper
 97 100
 83 22.5 75.3 112.9#
 85 31.4 52.1 78.1#
 99 16.5 50.2 75.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.16 min Scan# 2916
 Delta R.T. -0.01 min
 Lab File: VL034179.D
 Acq: 17 Sep 2019 11:05

Tgt Ion: 117 Resp: 2116796
 Ion Ratio Lower Upper
 117 100
 82 77.5 58.2 87.4
 119 33.1 23.7 35.5





#58

Ethyl Benzene

Concen: 23.013 ppbv

RT: 12.79 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Instrument :

MSVOA_L

ClientSampleId :

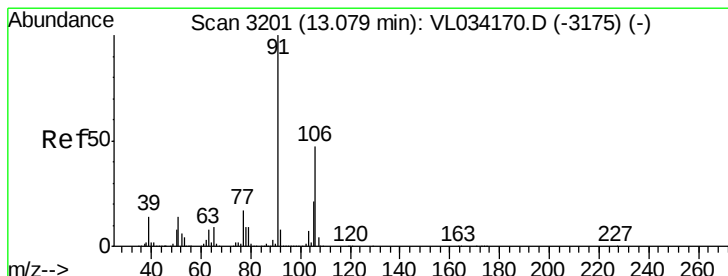
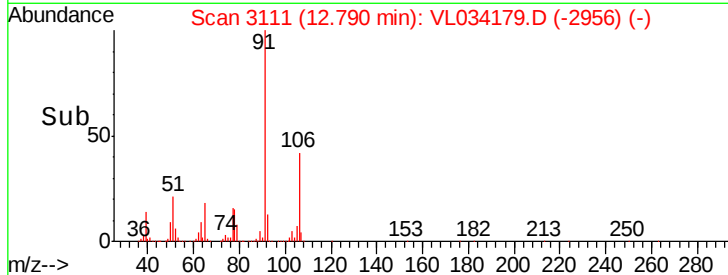
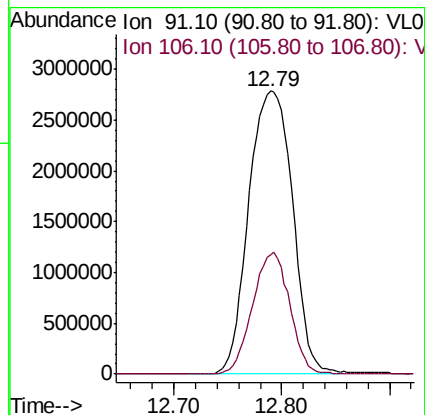
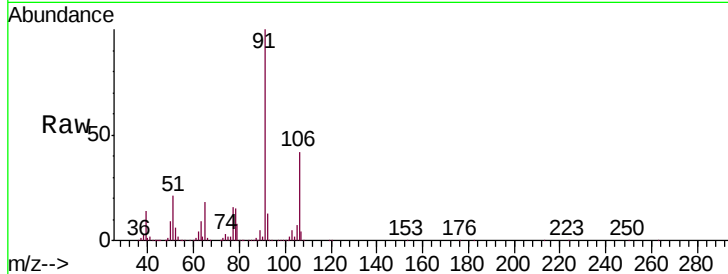
E049-1100

Tgt Ion: 91 Resp: 7860107

Ion Ratio Lower Upper

91 100

106 42.4 24.2 36.4#



#59

m/p-Xylene

Concen: 13.062 ppbv

RT: 13.04 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VL034179.D

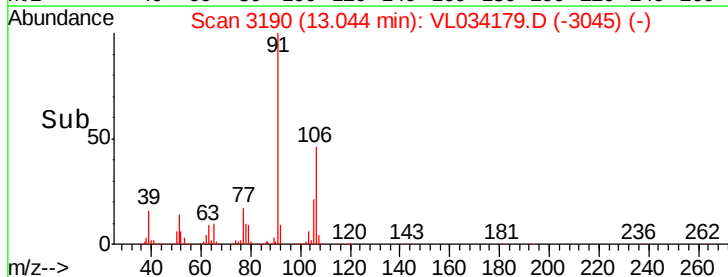
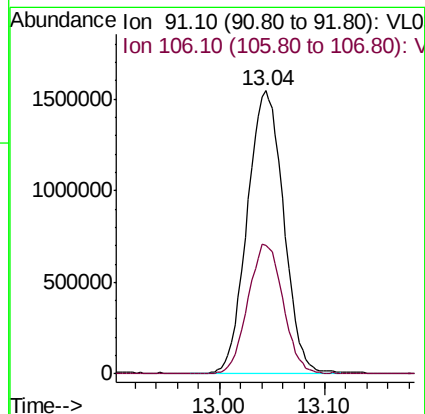
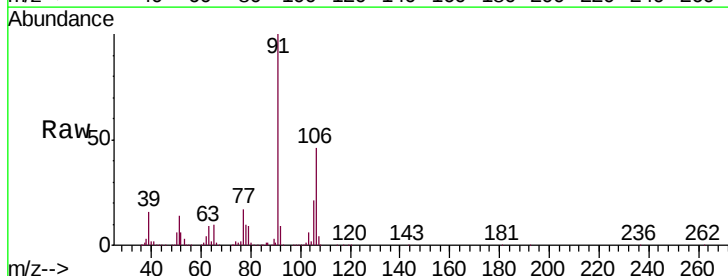
Acq: 17 Sep 2019 11:05

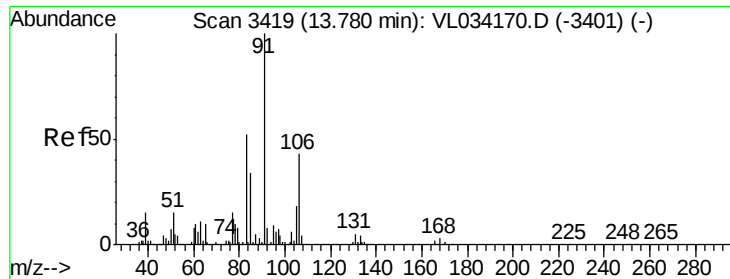
Tgt Ion: 91 Resp: 3695195

Ion Ratio Lower Upper

91 100

106 44.6 35.5 53.3

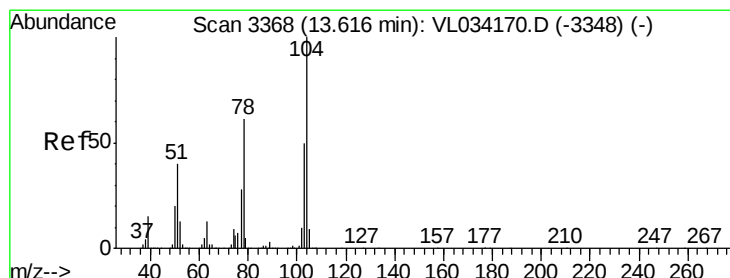
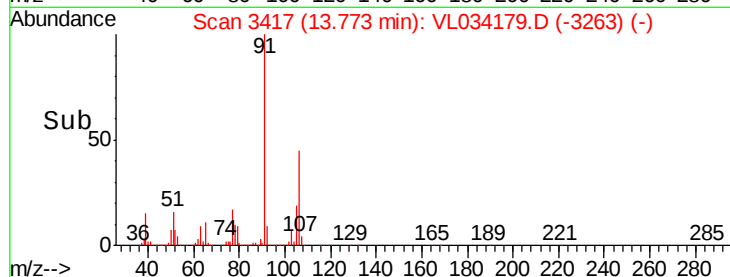
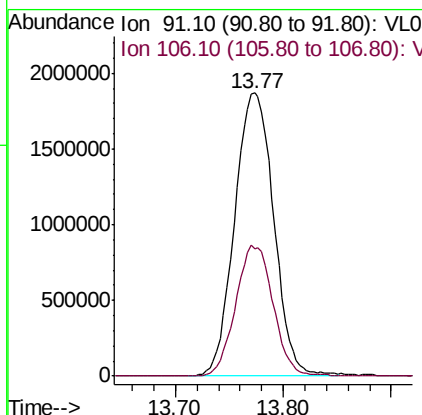
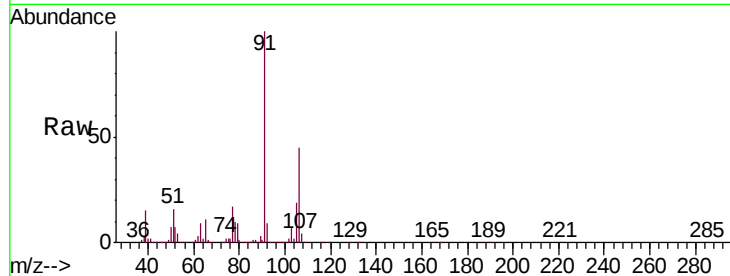




#60
o-Xylene
Concen: 16.650 ppbv
RT: 13.77 min Scan# 3417
Delta R.T. -0.01 min
Lab File: VL034179.D
Acq: 17 Sep 2019 11:05

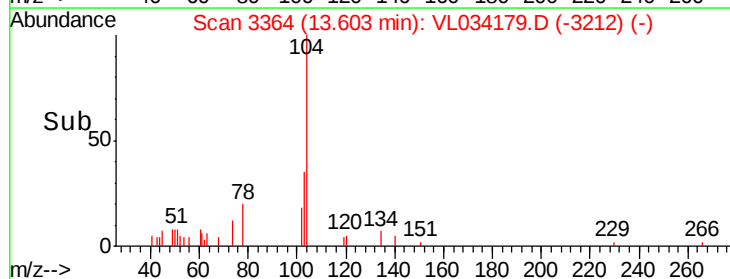
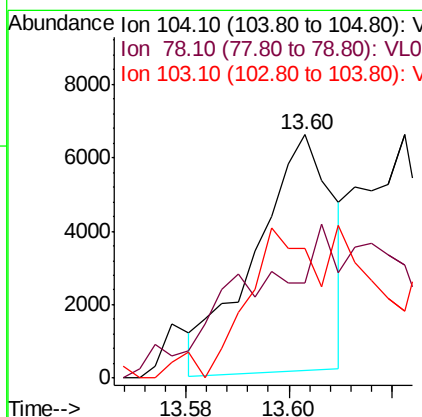
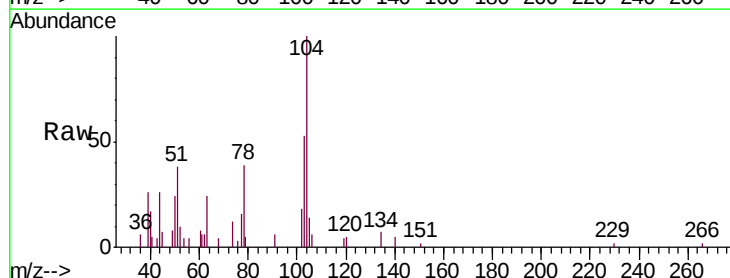
Instrument :
MSVOA_L
ClientSampleId :
E049-1100

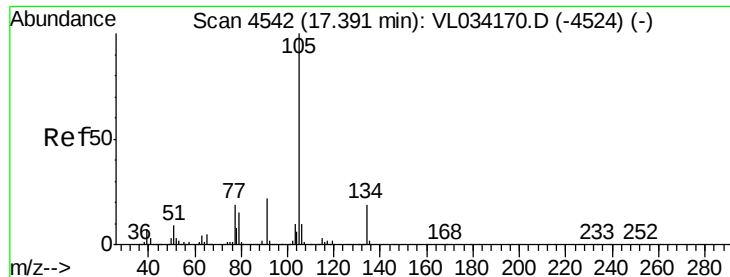
Tgt Ion: 91 Resp: 4709975
Ion Ratio Lower Upper
91 100
106 44.5 21.2 63.6



#61
Styrene
Concen: 0.033 ppbv
RT: 13.60 min Scan# 3364
Delta R.T. -0.01 min
Lab File: VL034179.D
Acq: 17 Sep 2019 11:05

Tgt Ion: 104 Resp: 6726
Ion Ratio Lower Upper
104 100
78 0.0 49.7 74.5#
103 0.0 38.4 57.6#





#67

sec-Butylbenzene

Concen: 0.043 ppbv

RT: 17.38 min Scan# 4540

Delta R.T. -0.01 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Instrument :

MSVOA_L

ClientSampleId :

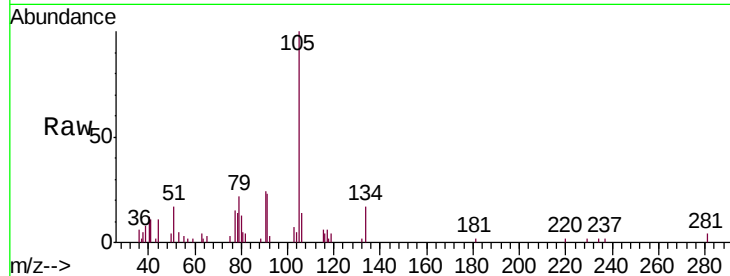
E049-1100

Tgt Ion: 105 Resp: 19680

Ion Ratio Lower Upper

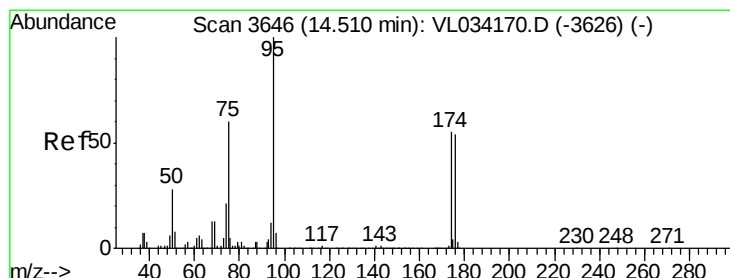
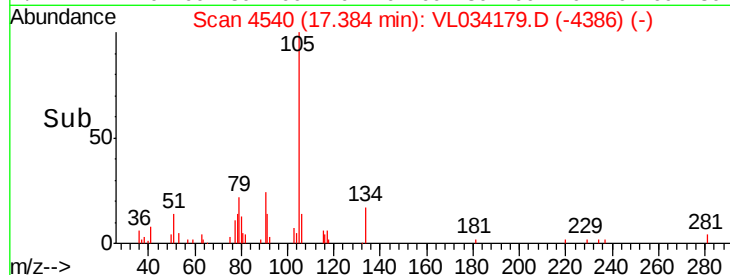
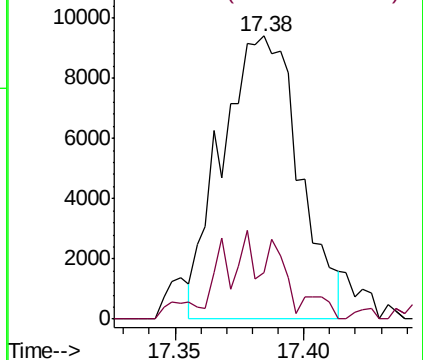
105 100

134 25.1 14.6 22.0#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 11.375 ppbv

RT: 14.50 min Scan# 3642

Delta R.T. -0.01 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

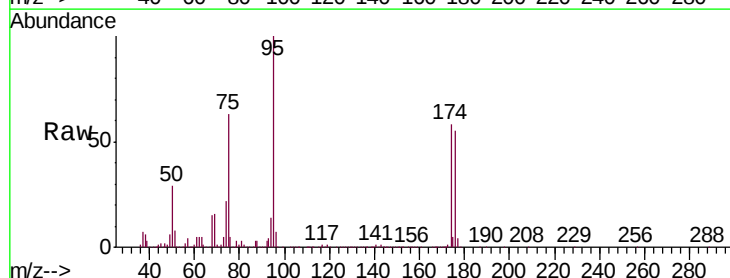
Tgt Ion: 95 Resp: 2092305

Ion Ratio Lower Upper

95 100

174 58.7 45.1 67.7

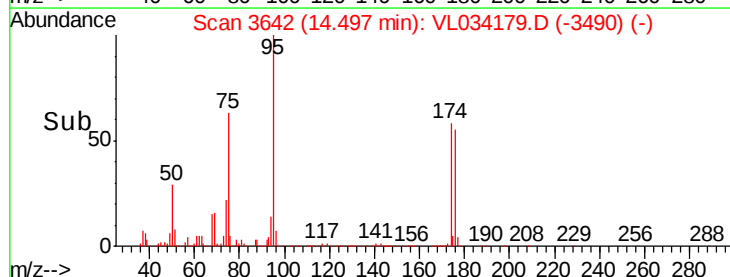
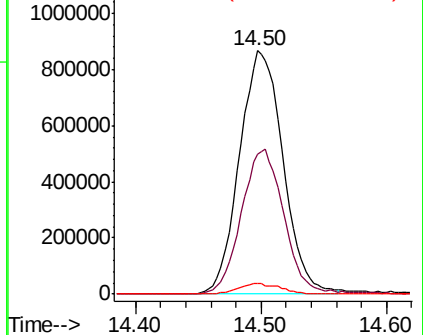
175 4.3 3.3 4.9

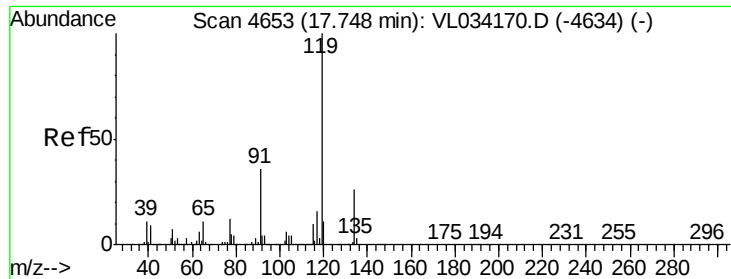


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

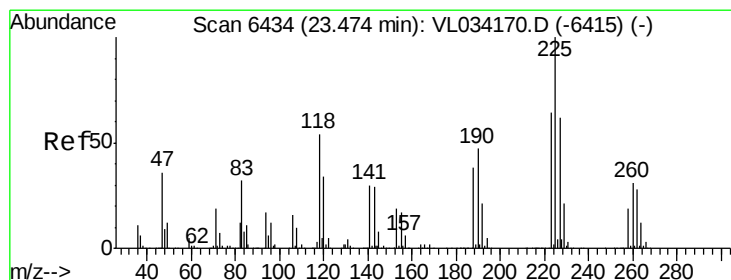
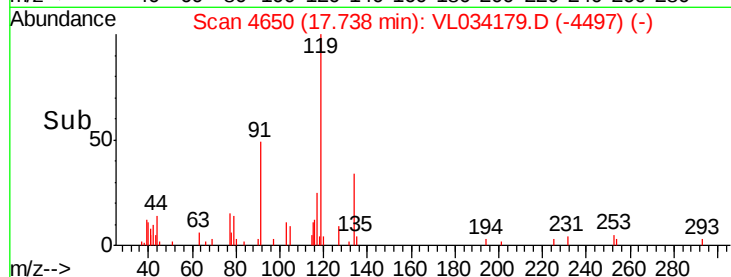
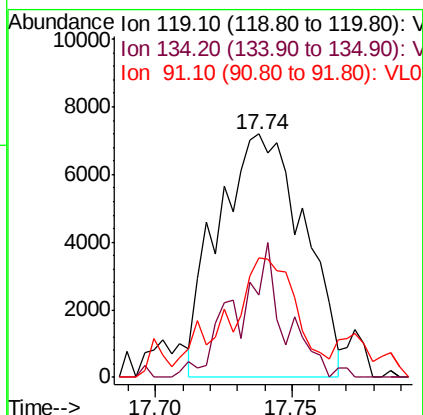
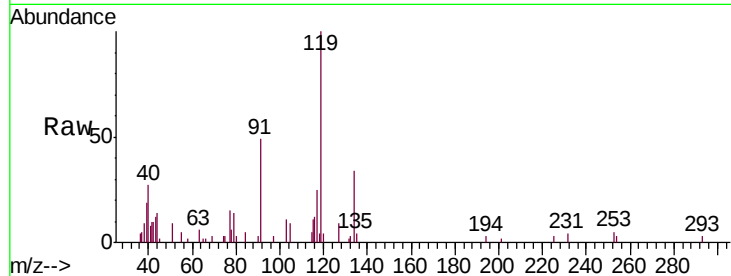




#69
 p-Isopropyltoluene
 Concen: 0.042 ppbv
 RT: 17.74 min Scan# 4650
 Delta R.T. -0.01 min
 Lab File: VL034179.D
 Acq: 17 Sep 2019 11:05

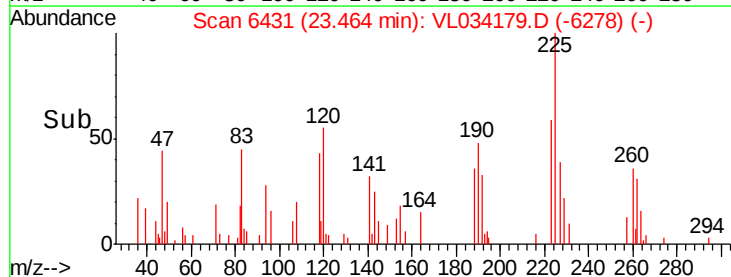
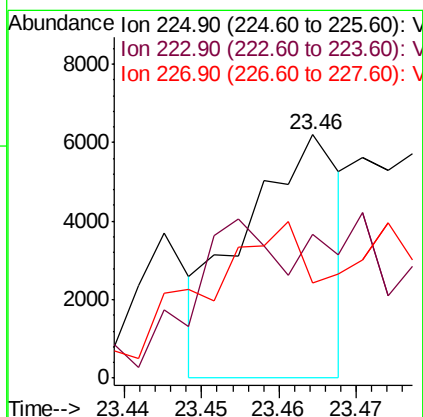
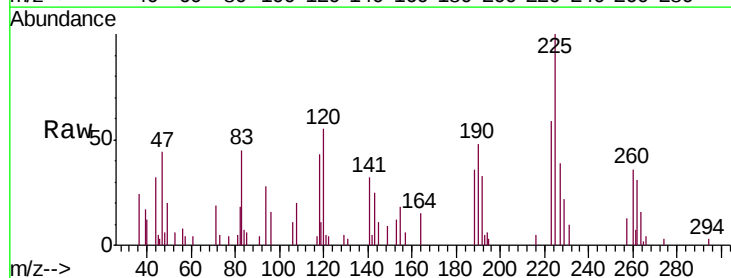
Instrument :
 MSVOA_L
 ClientSampleId :
 E049-1100

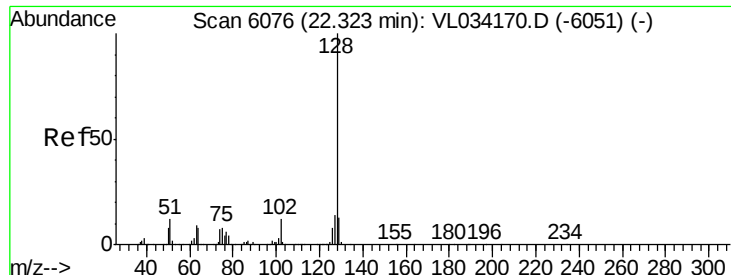
Tgt Ion	Ratio	Lower	Upper
119	100		
134	31.8	20.6	30.8#
91	56.1	27.6	41.4#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.045 ppbv
 RT: 23.46 min Scan# 6431
 Delta R.T. -0.01 min
 Lab File: VL034179.D
 Acq: 17 Sep 2019 11:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.7	77.5#
227	177.1	52.1	78.1#





#79

Naphthalene

Concen: 0.052 ppbv

RT: 22.31 min Scan# 6073

Delta R.T. -0.01 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

Instrument :

MSVOA_L

ClientSampleId :

E049-1100

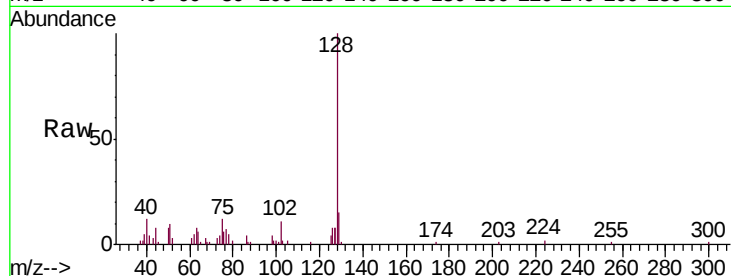
Tgt Ion:128 Resp: 14970

Ion Ratio Lower Upper

128 100

127 14.7 11.1 16.7

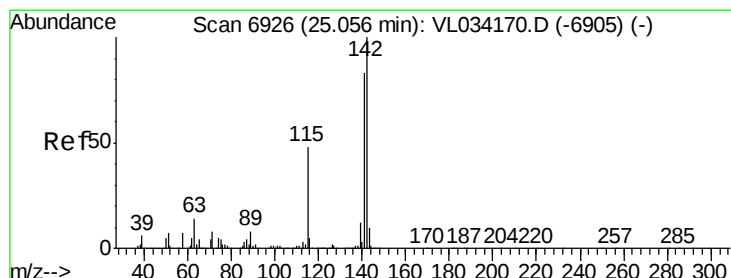
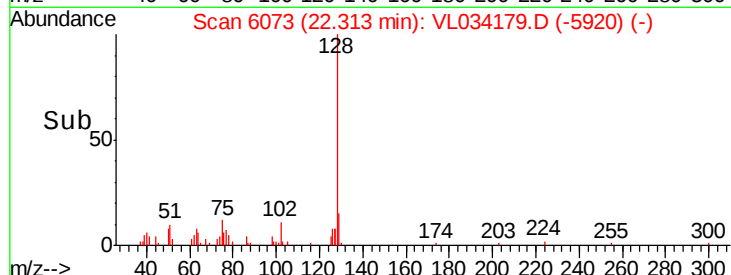
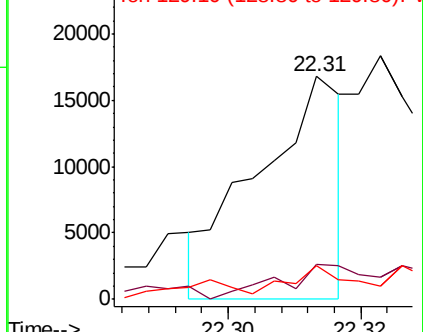
129 14.1 10.2 15.4



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



#80

Naphthalene, 2-methyl-

Concen: 0.189 ppbv

RT: 25.05 min Scan# 6924

Delta R.T. -0.01 min

Lab File: VL034179.D

Acq: 17 Sep 2019 11:05

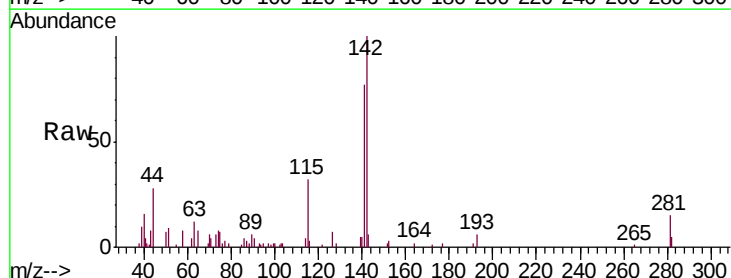
Tgt Ion:142 Resp: 25398

Ion Ratio Lower Upper

142 100

141 80.5 67.6 101.4

115 43.5 36.9 55.3



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

