

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081820\
 Data File : VL035463.D
 Acq On : 19 Aug 2020 10:23
 Operator : SY/AP
 Sample : L3730-04DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 20 02:46:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1048731	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5000691	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4988964	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3613361	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

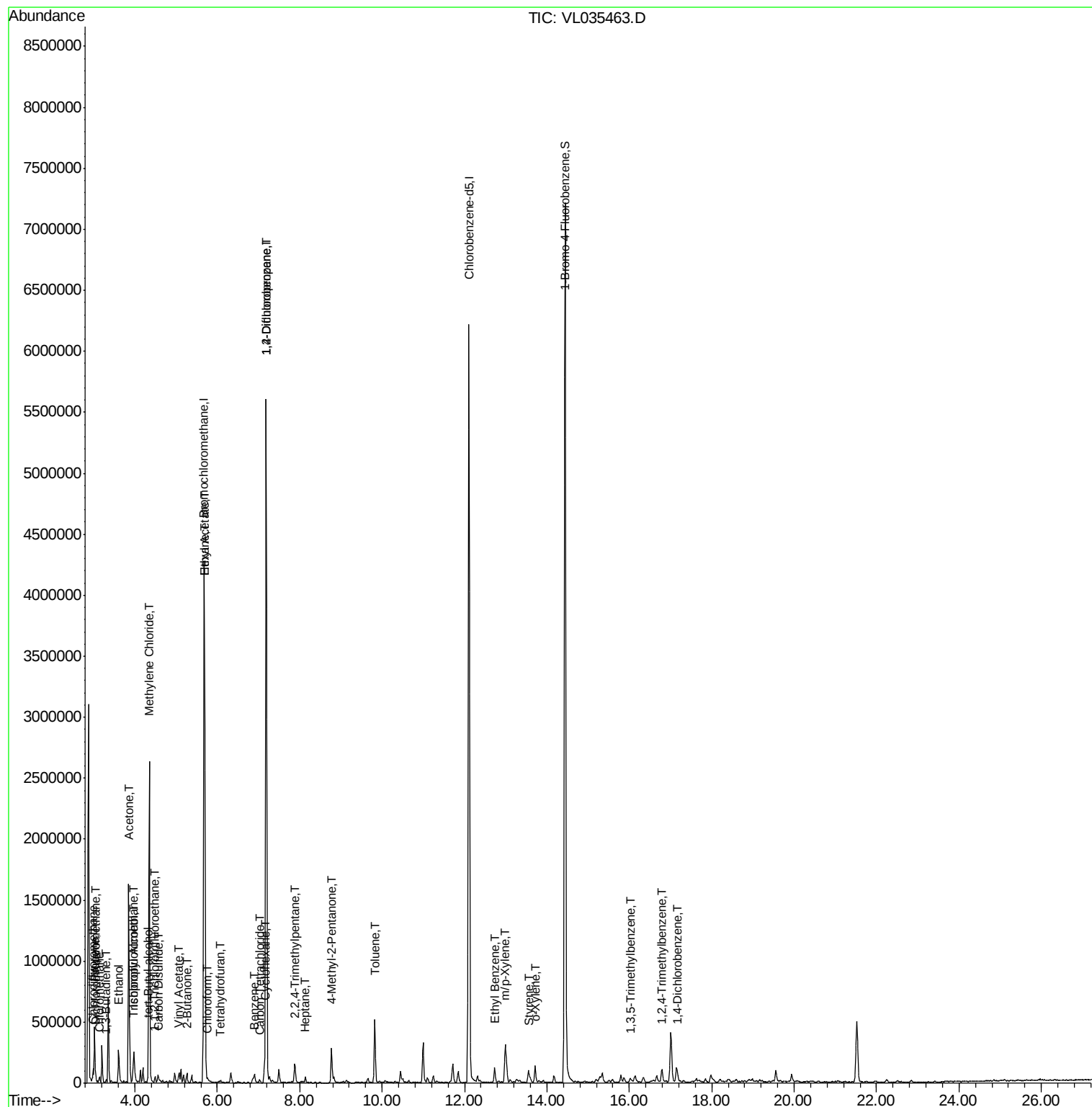
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	55067	0.283	ppbv	94
3) Chlorodifluoromethane	2.99	51	105221	0.800	ppbv	98
4) Chloromethane	3.14	50	36306	0.530	ppbv	96
9) Propene	3.02	41	73344	1.388	ppbv #	68
10) Heptane	8.14	43	16040	0.116	ppbv #	68
11) Trichlorofluoromethane	3.95	101	75172	0.246	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.49	101	16229	0.071	ppbv	84
13) Ethanol	3.60	45	289342	14.942	ppbv	98
15) Acetone	3.85	43	1495356	12.388	ppbv #	82
16) 1,3-Butadiene	3.30	39	5850	0.120	ppbv #	44
17) tert-Butyl alcohol	4.31	59	15060	0.097	ppbv	94
19) Isopropyl Alcohol	3.97	45	258274	3.104	ppbv #	1
20) Methylene Chloride	4.35	84	1152803	11.837	ppbv #	64
23) Vinyl Acetate	5.07	43	52168	0.302	ppbv #	64
25) Ethyl Acetate	5.70	43	574393	2.445	ppbv #	86
26) Hexane	5.70	57	1042429	7.864	ppbv #	29
27) Carbon Disulfide	4.55	76	8490	0.044	ppbv #	53
29) Chloroform	5.76	83	15814	0.059	ppbv #	83
30) Cyclohexane	7.15	84	50732	0.345	ppbv #	62
34) 2-Butanone	5.26	43	75981	0.455	ppbv #	70
35) Carbon Tetrachloride	7.03	117	17028	0.064	ppbv	92
36) Benzene	6.90	78	54020	0.147	ppbv #	92
39) 1,2-Dichloropropane	7.19	63	853664	7.057	ppbv #	23
41) Tetrahydrofuran	6.09	42	4550	0.049	ppbv #	1
44) 2,2,4-Trimethylpentane	7.88	57	150179	0.313	ppbv	93
50) 4-Methyl-2-Pentanone	8.77	43	189728	0.792	ppbv #	83
53) Toluene	9.82	91	423643	0.896	ppbv	98
58) Ethyl Benzene	12.73	91	110771	0.184	ppbv	94
59) m/p-Xylene	12.99	91	350362	0.688	ppbv #	84
60) o-Xylene	13.71	91	106181	0.215	ppbv	86
61) Styrene	13.55	104	27548	0.069	ppbv #	26
73) 1,3,5-Trimethylbenzene	16.02	105	25678	0.042	ppbv	100
74) 1,2,4-Trimethylbenzene	16.79	105	79419	0.121	ppbv #	70
76) 1,4-Dichlorobenzene	17.17	146	39084	0.078	ppbv	96

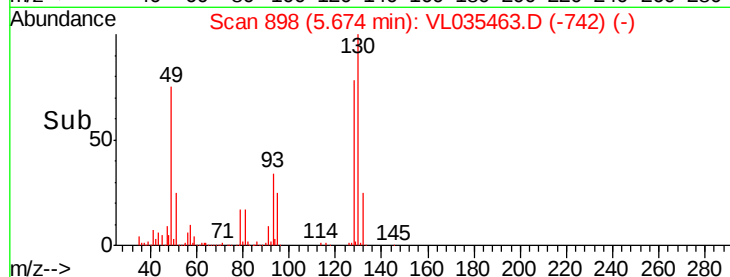
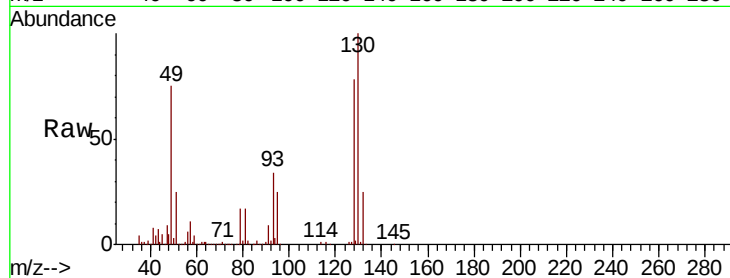
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

ClientSampleId :

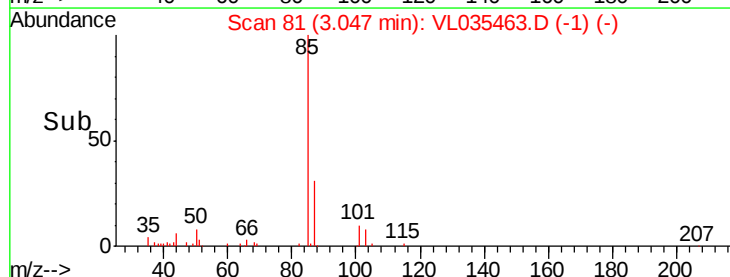
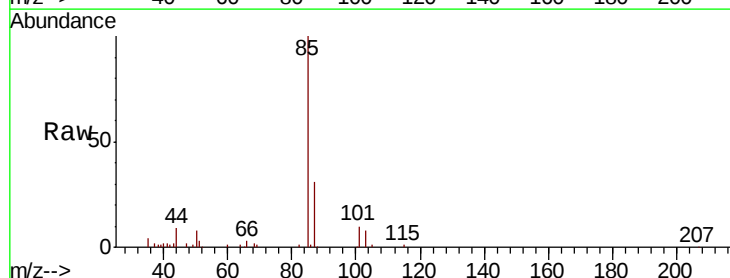
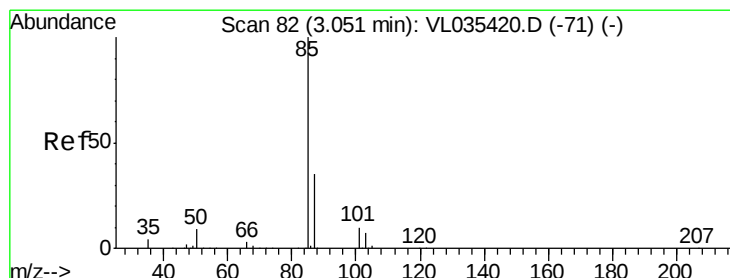
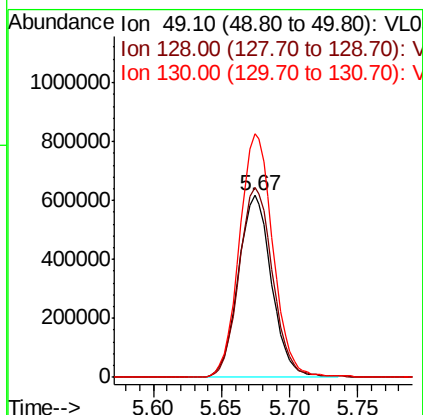
Tot Ion: 49 Resp: 1048731

Ion Ratio Lower Upper

49 100

128 106.6 20.9 62.7#

130 136.1 26.7 80.1#



#2

Dichlorodifluoromethane

Concen: 0.283 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL035463.D

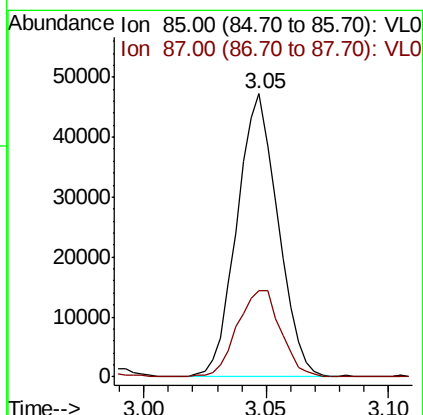
Acq: 19 Aug 2020 10:23

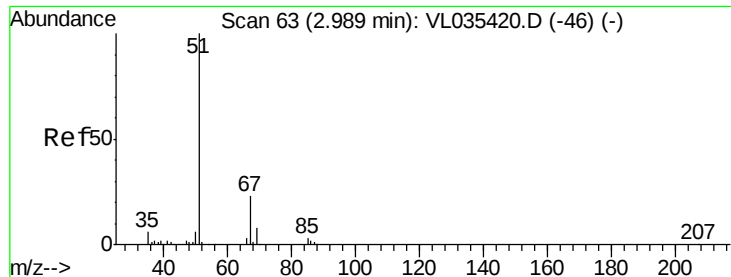
Tgt Ion: 85 Resp: 55067

Ion Ratio Lower Upper

85 100

87 30.5 27.1 40.7





#3

Chlorodifluoromethane

Concen: 0.800 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.00 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

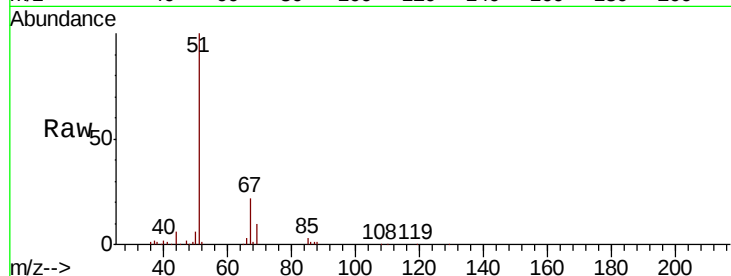
ClientSampleId :

Tot Ion: 51 Resp: 105221

Ion Ratio Lower Upper

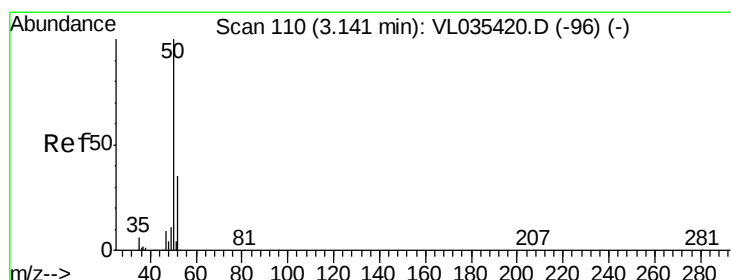
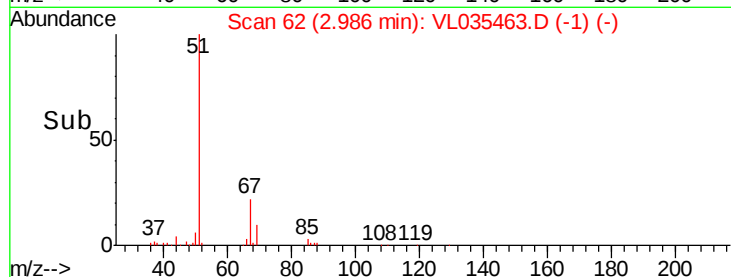
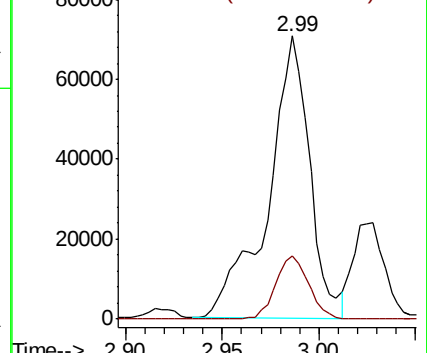
51 100

67 17.8 15.0 22.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.530 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.01 min

Lab File: VL035463.D

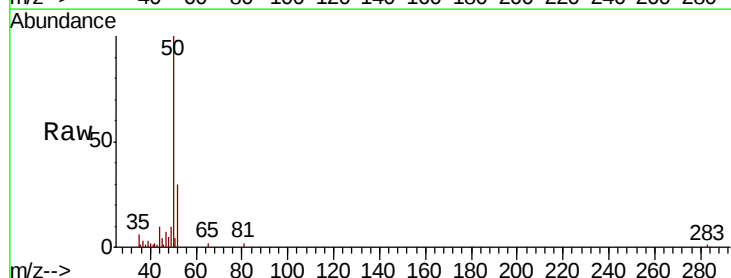
Acq: 19 Aug 2020 10:23

Tgt Ion: 50 Resp: 36306

Ion Ratio Lower Upper

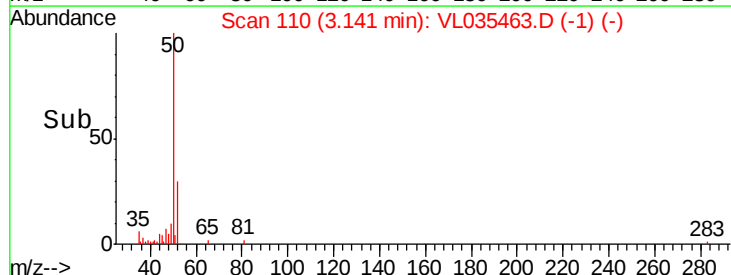
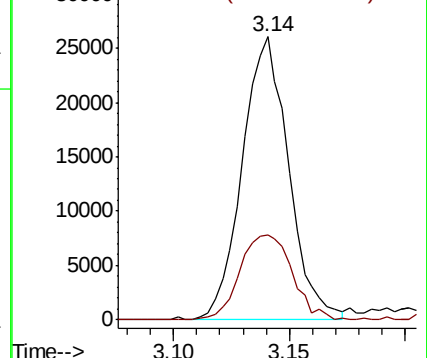
50 100

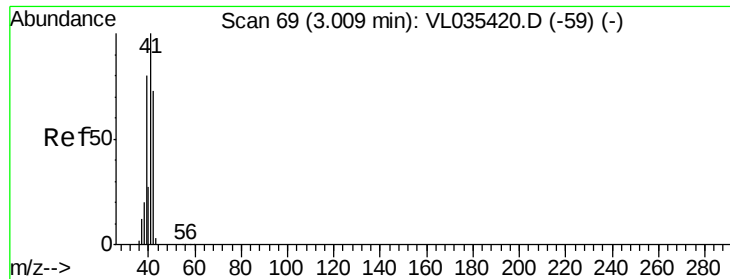
52 30.0 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 1.388 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

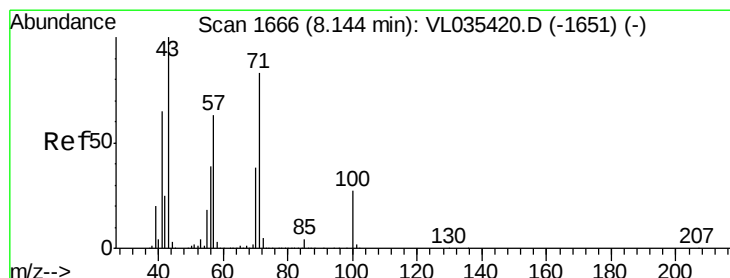
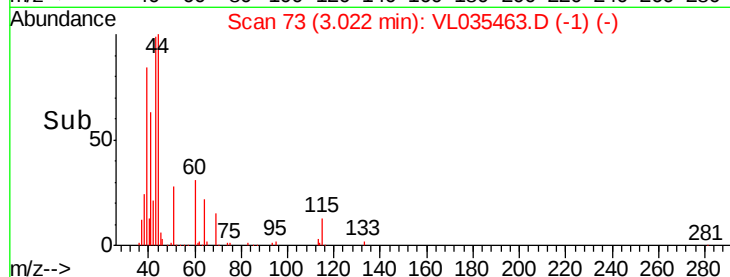
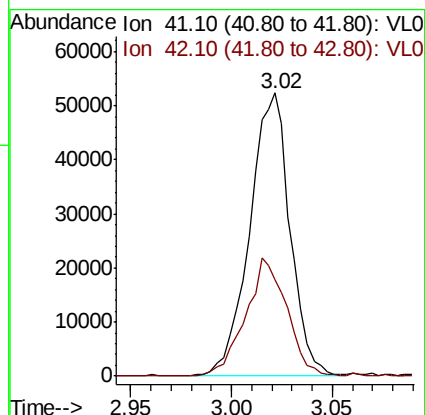
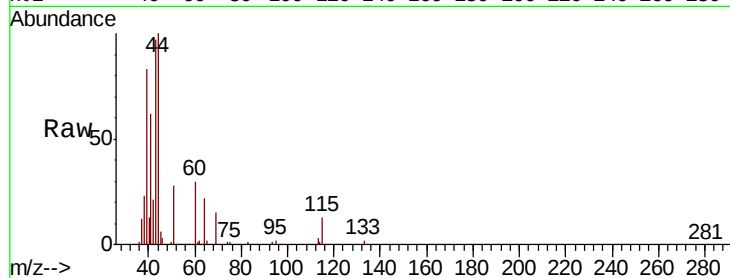
ClientSampleId :

Tot Ion: 41 Resp: 73344

Ion Ratio Lower Upper

41 100

42 43.0 55.5 83.3#



#10

Heptane

Concen: 0.116 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VL035463.D

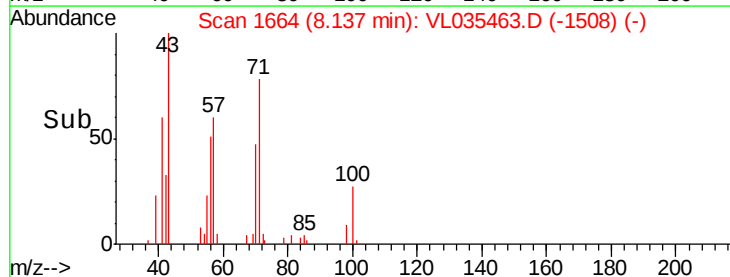
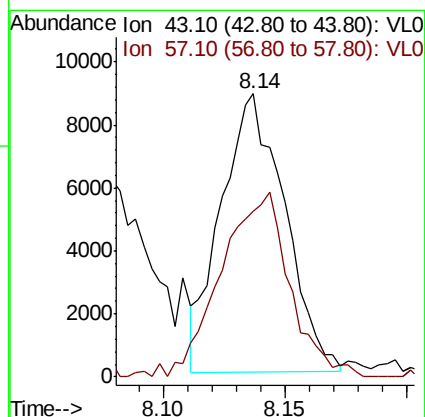
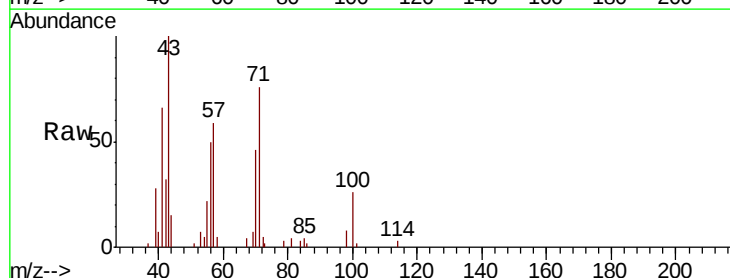
Acq: 19 Aug 2020 10:23

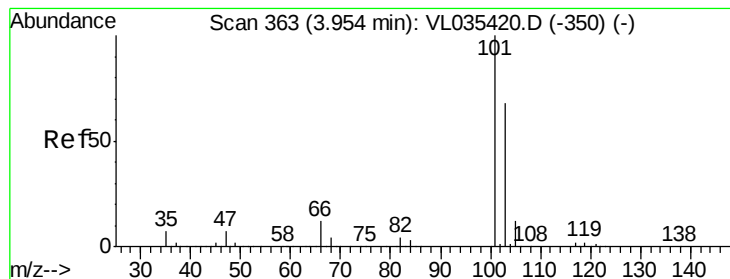
Tgt Ion: 43 Resp: 16040

Ion Ratio Lower Upper

43 100

57 71.6 39.8 59.6#





#11

Trichlorofluoromethane

Concen: 0.246 ppbv

RT: 3.95 min Scan# 363

Delta R.T. 0.01 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

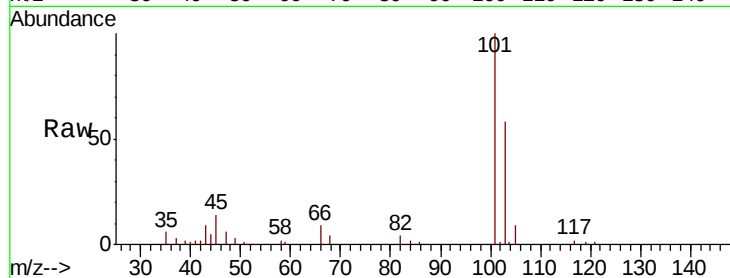
ClientSampleId :

Tot Ion:101 Resp: 75172

Ion Ratio Lower Upper

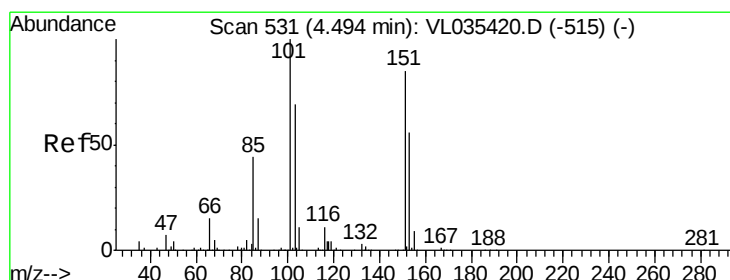
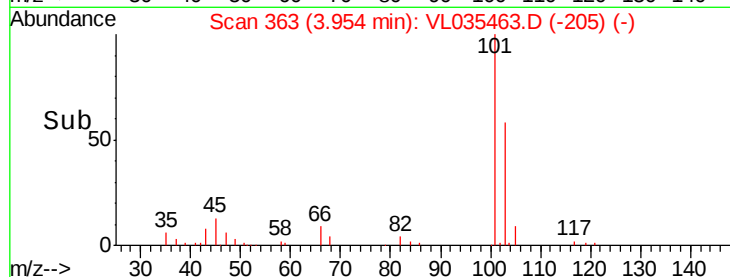
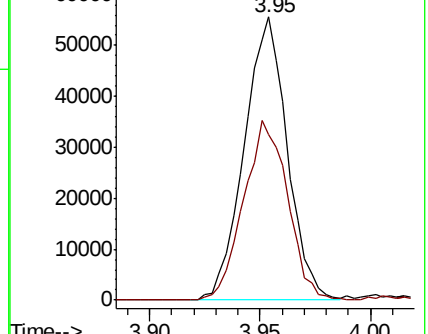
101 100

103 58.3 52.6 78.8



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: 0.071 ppbv

RT: 4.49 min Scan# 530

Delta R.T. 0.01 min

Lab File: VL035463.D

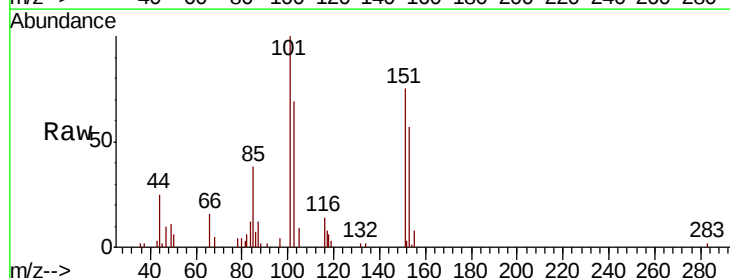
Acq: 19 Aug 2020 10:23

Tgt Ion:101 Resp: 16229

Ion Ratio Lower Upper

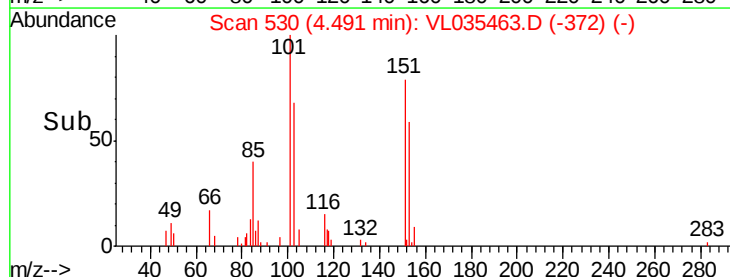
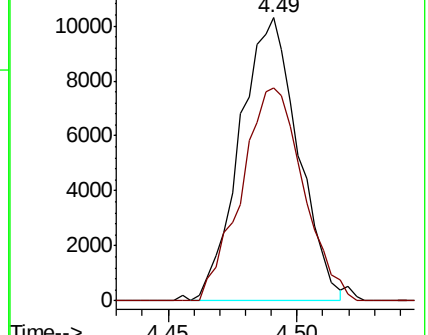
101 100

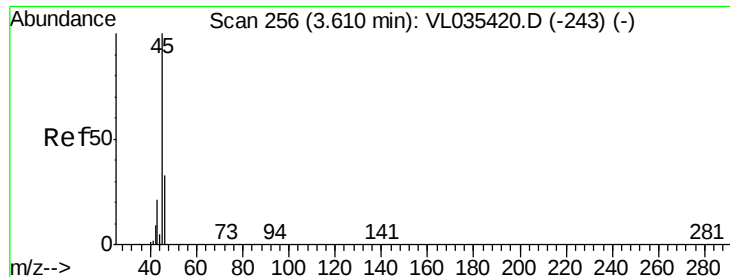
151 80.0 53.6 80.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 14.942 ppbv

RT: 3.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

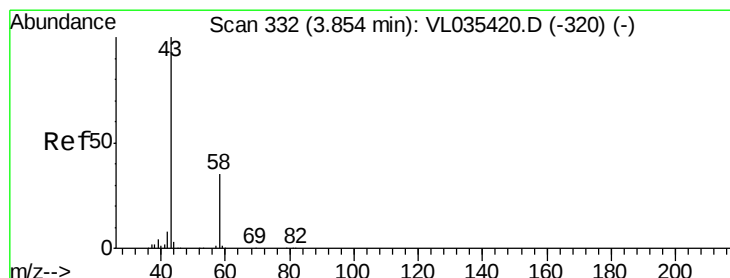
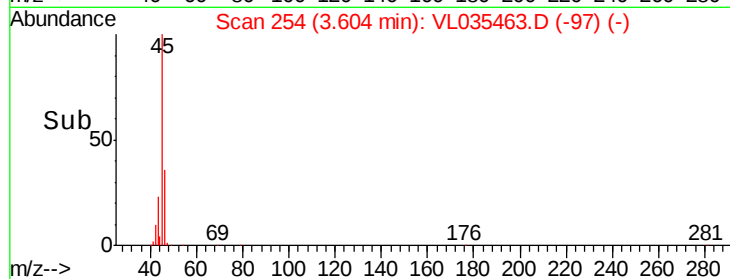
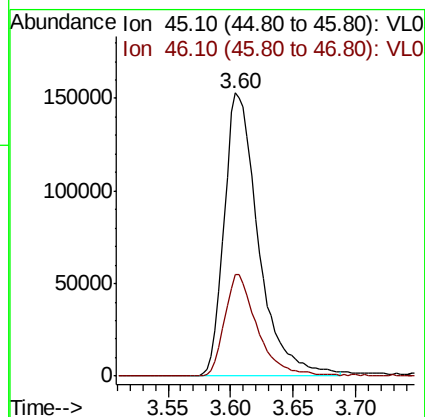
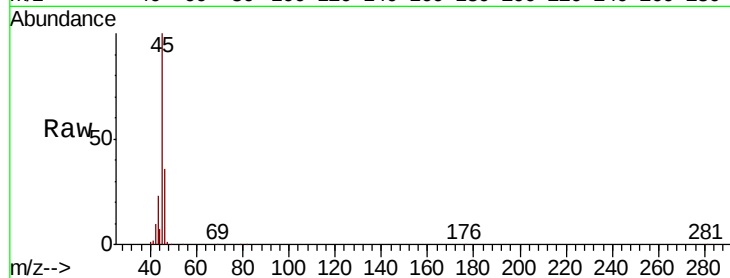
ClientSampleId :

Tot Ion: 45 Resp: 289342

Ion Ratio Lower Upper

45 100

46 34.5 14.2 56.6



#15

Acetone

Concen: 12.388 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL035463.D

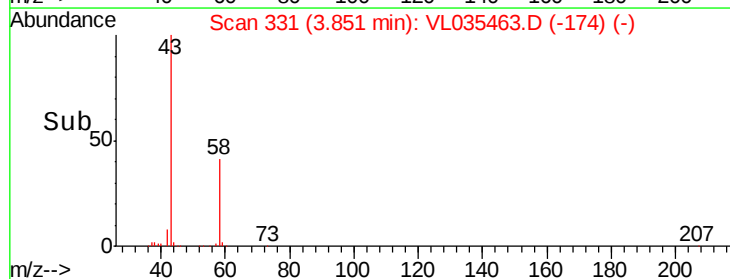
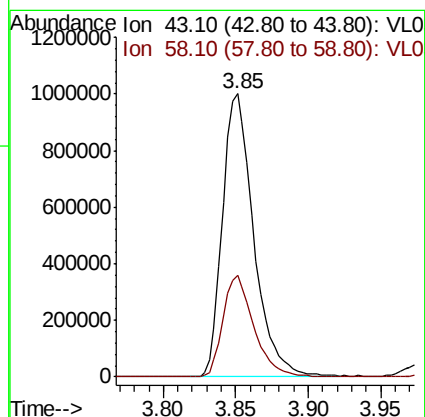
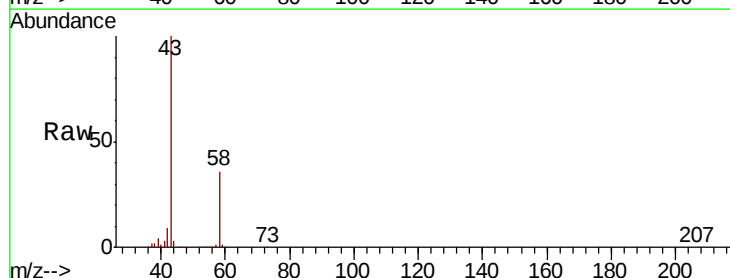
Acq: 19 Aug 2020 10:23

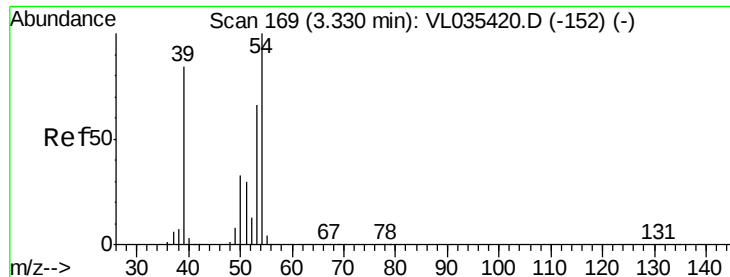
Tgt Ion: 43 Resp: 1495356

Ion Ratio Lower Upper

43 100

58 35.4 21.0 31.6#

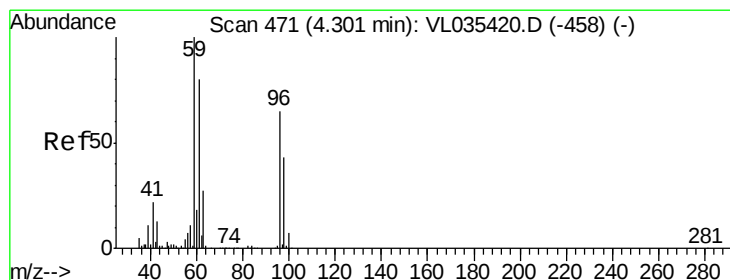
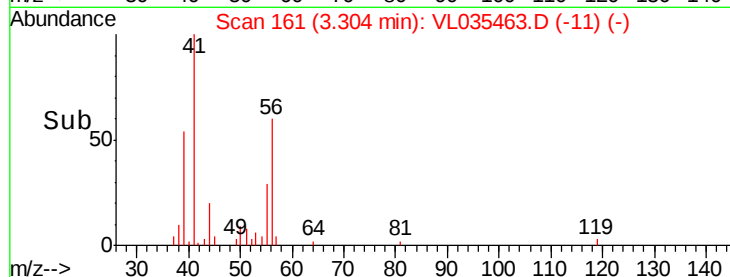
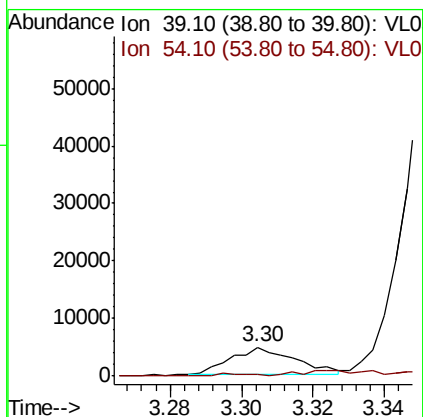
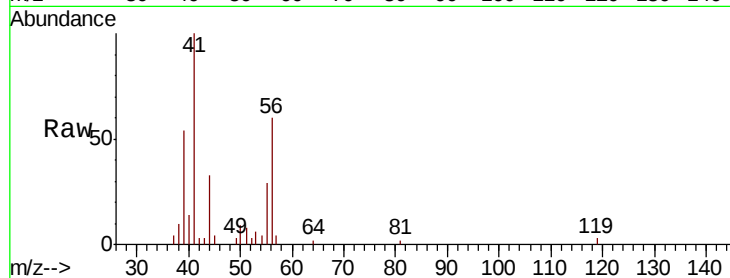




#16
 1,3-Butadiene
 Concen: 0.120 ppbv
 RT: 3.30 min Scan# 161
 Delta R.T. -0.02 min
 Lab File: VL035463.D
 Acq: 19 Aug 2020 10:23

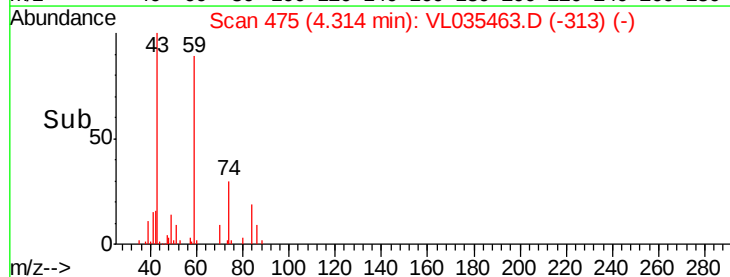
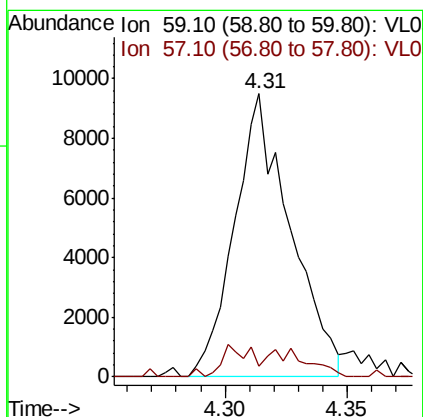
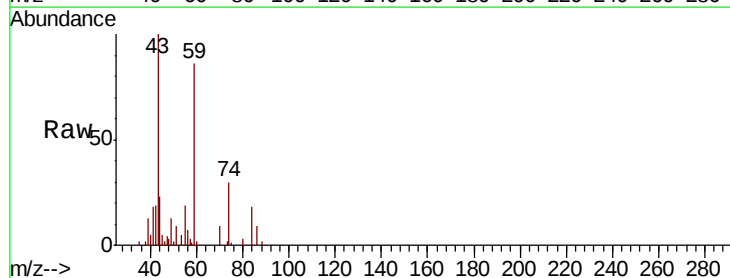
Instrument :
 MSVOA_L
 ClientSampleId :

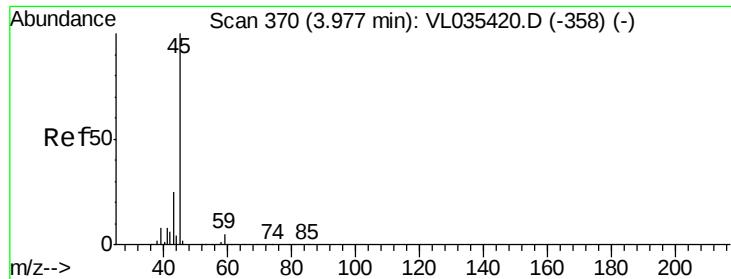
Tot Ion: 39 Resp: 5850
 Ion Ratio Lower Upper
 39 100
 54 30.7 64.4 96.6#



#17
 tert-Butyl alcohol
 Concen: 0.097 ppbv
 RT: 4.31 min Scan# 475
 Delta R.T. 0.02 min
 Lab File: VL035463.D
 Acq: 19 Aug 2020 10:23

Tgt Ion: 59 Resp: 15060
 Ion Ratio Lower Upper
 59 100
 57 13.2 8.9 13.3





#19

Isopropyl Alcohol

Concen: 3.104 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.00 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

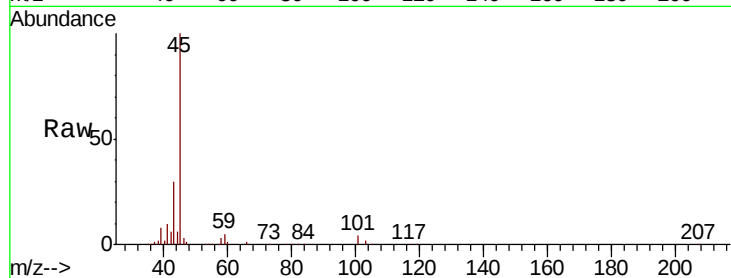
ClientSampleId :

Tot Ion: 45 Resp: 258274

Ion Ratio Lower Upper

45 100

58 205.1 1.0 1.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.97

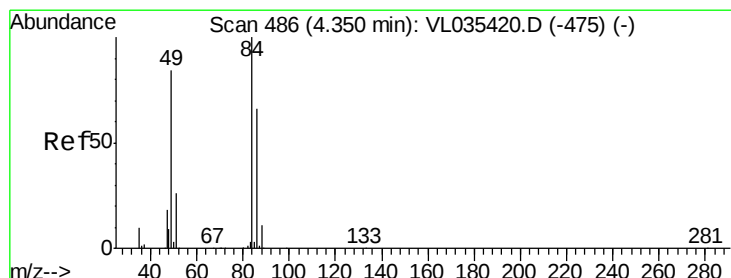
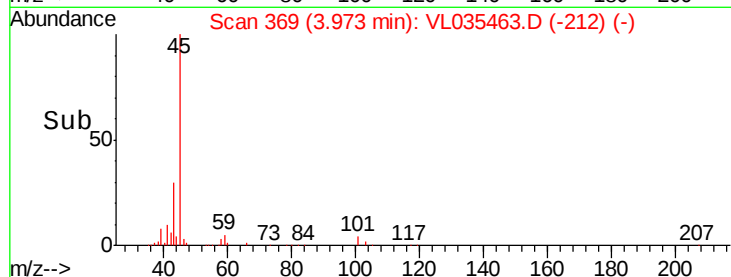
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 11.837 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Tgt Ion: 84 Resp: 1152803

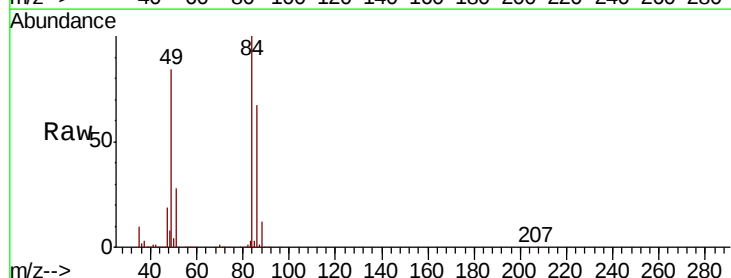
Ion Ratio Lower Upper

84 100

49 83.8 118.6 177.8#

51 27.7 36.4 54.6#

86 66.8 50.2 75.4



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

1200000

1000000

800000

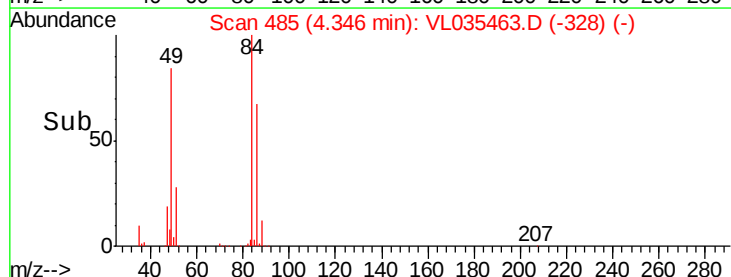
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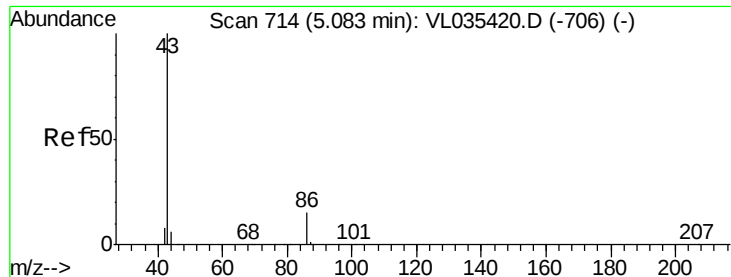
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200000

0

Time-->





#23

Vinyl Acetate

Concen: 0.302 ppbv

RT: 5.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 52168

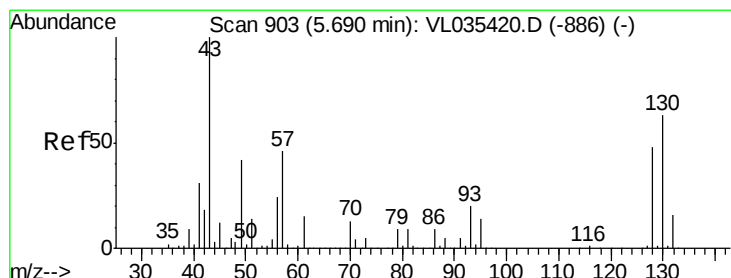
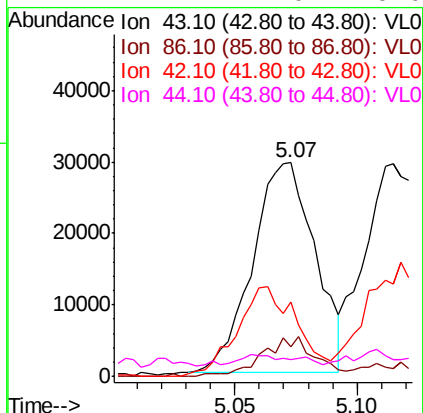
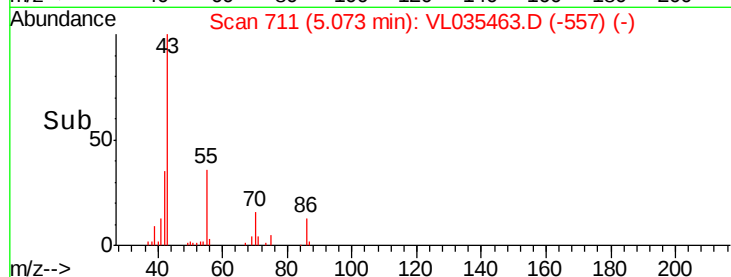
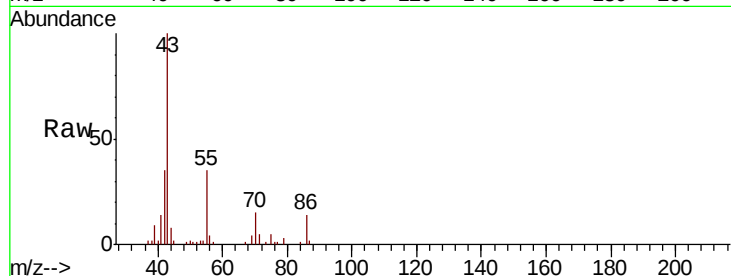
Ion Ratio Lower Upper

43 100

86 13.8 6.5 9.7#

42 34.2 8.3 12.5#

44 1.4 4.0 6.0#



#25

Ethyl Acetate

Concen: 2.445 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.01 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Tgt Ion: 43 Resp: 574393

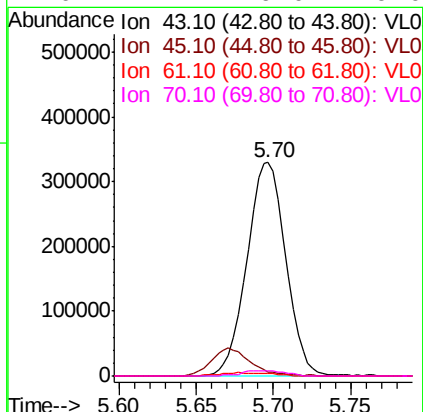
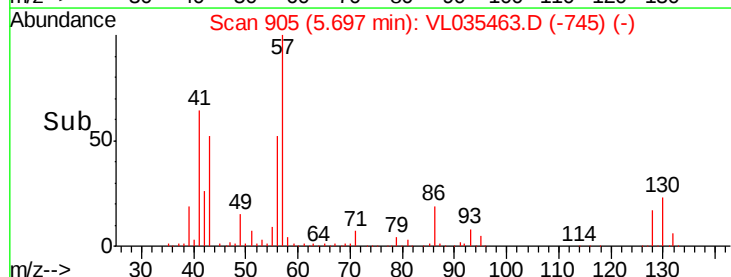
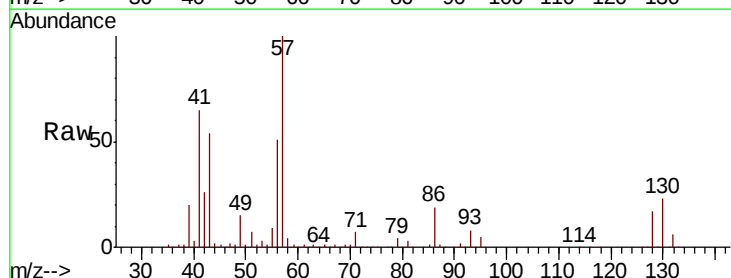
Ion Ratio Lower Upper

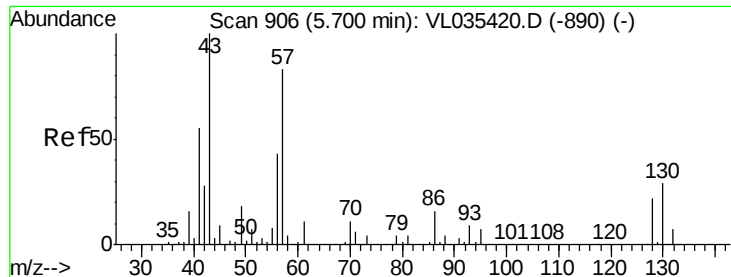
43 100

45 13.6 8.3 12.5#

61 1.9 7.6 11.4#

70 2.7 6.0 9.0#

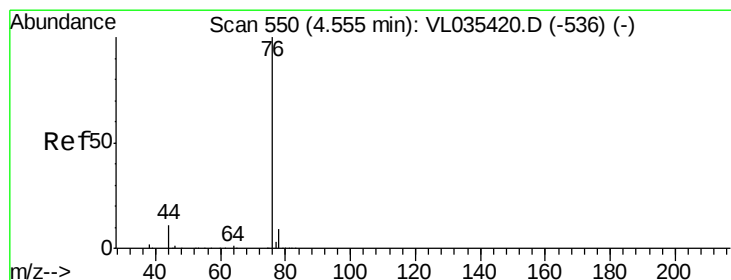
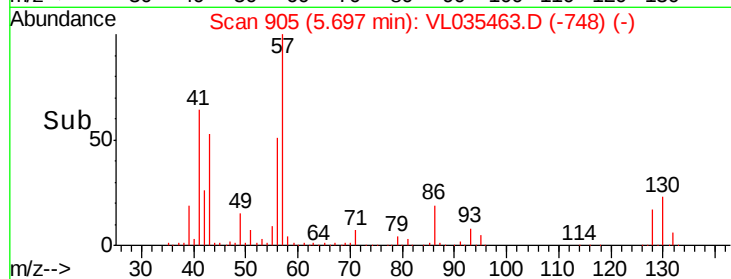
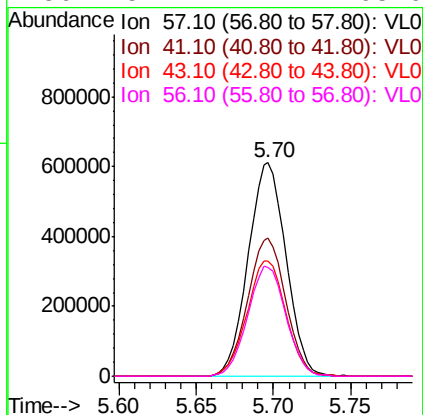
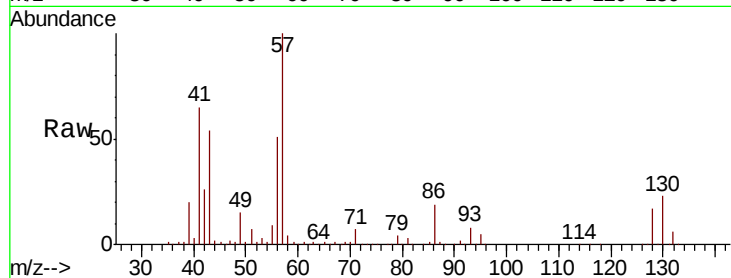




#26
Hexane
Concen: 7.864 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL035463.D
Acq: 19 Aug 2020 10:23

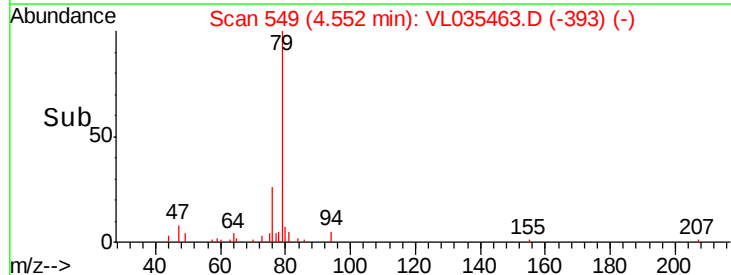
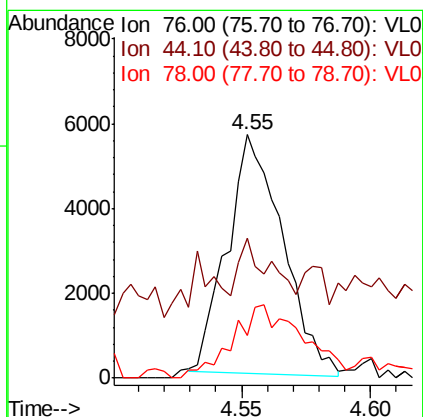
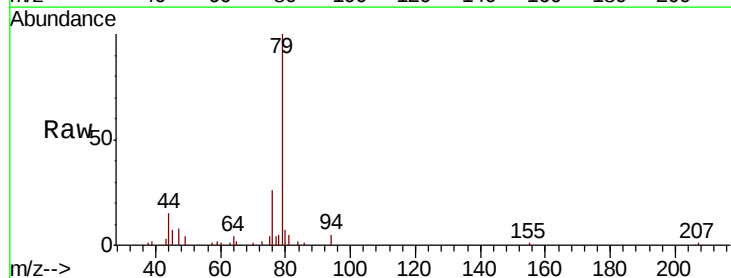
Instrument :
MSVOA_L
ClientSampleId :

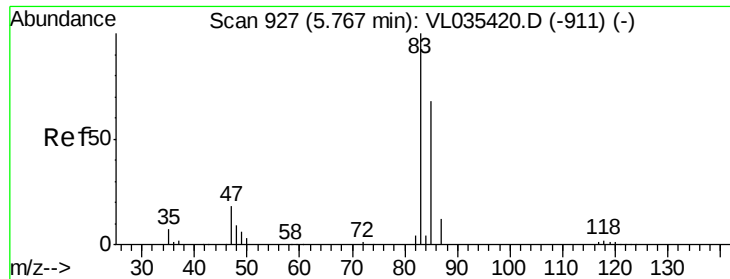
Tot Ion: 57 Resp: 1042429
Ion Ratio Lower Upper
57 100
41 65.3 75.5 113.3#
43 55.5 181.7 272.5#
56 52.2 42.4 63.6



#27
Carbon Disulfide
Concen: 0.044 ppbv
RT: 4.55 min Scan# 549
Delta R.T. 0.00 min
Lab File: VL035463.D
Acq: 19 Aug 2020 10:23

Tgt Ion: 76 Resp: 8490
Ion Ratio Lower Upper
76 100
44 36.4 16.8 25.2#
78 38.4 7.3 10.9#

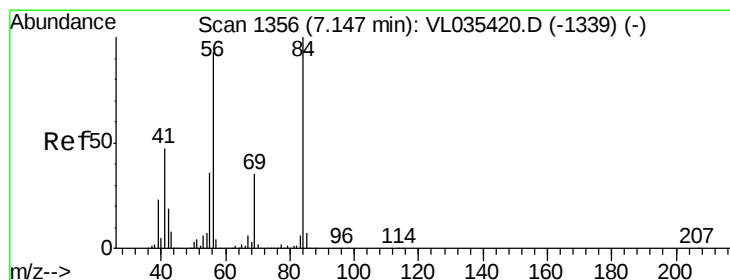
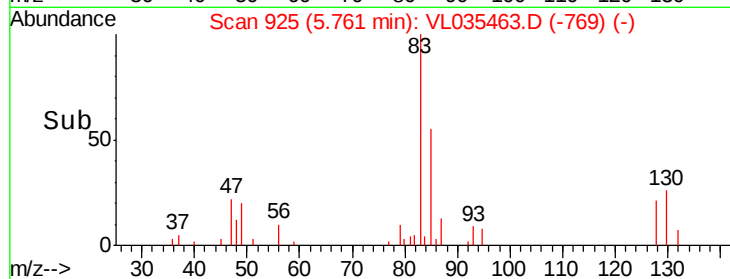
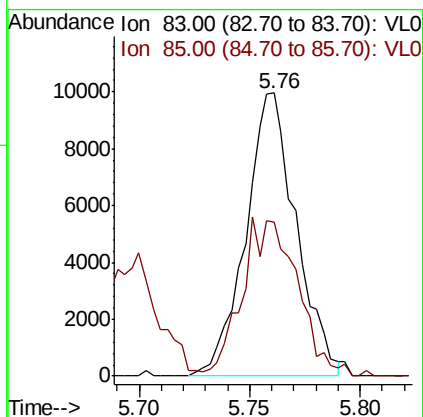
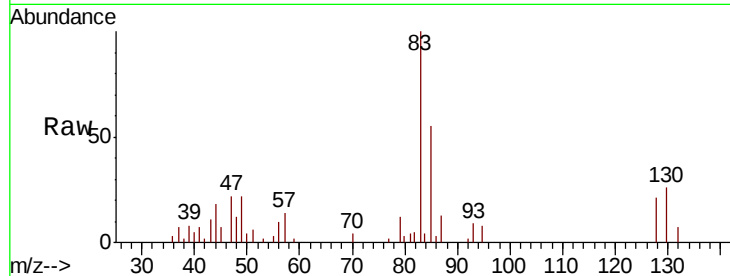




#29
Chloroform
Concen: 0.059 ppbv
RT: 5.76 min Scan# 925
Delta R.T. 0.00 min
Lab File: VL035463.D
Acq: 19 Aug 2020 10:23

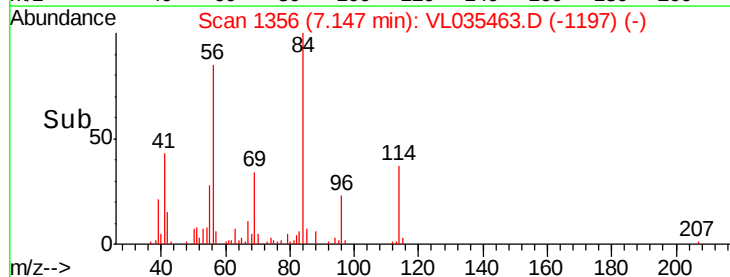
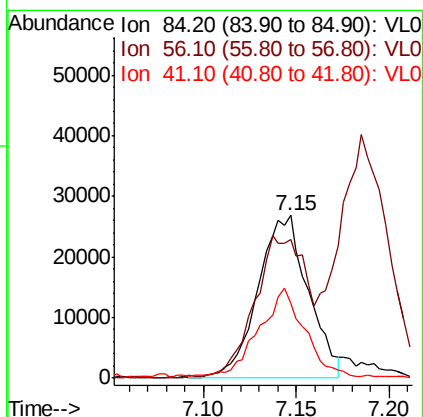
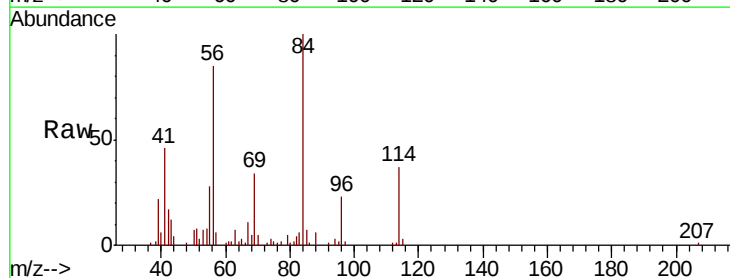
Instrument :
MSVOA_L
ClientSampleId :

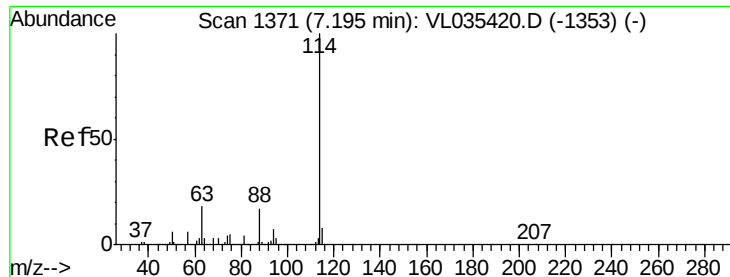
Tot Ion: 83 Resp: 15814
Ion Ratio Lower Upper
83 100
85 52.5 52.7 79.1#



#30
Cyclohexane
Concen: 0.345 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.01 min
Lab File: VL035463.D
Acq: 19 Aug 2020 10:23

Tgt Ion: 84 Resp: 50732
Ion Ratio Lower Upper
84 100
56 100.1 114.9 172.3#
41 49.4 72.3 108.5#

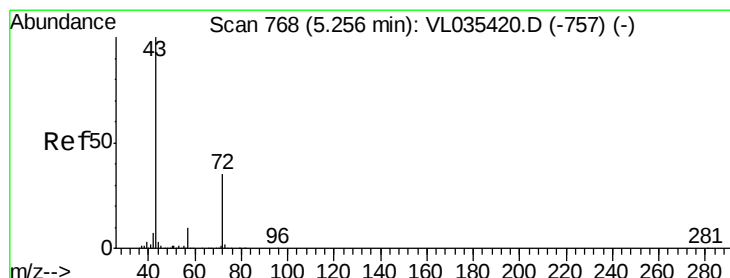
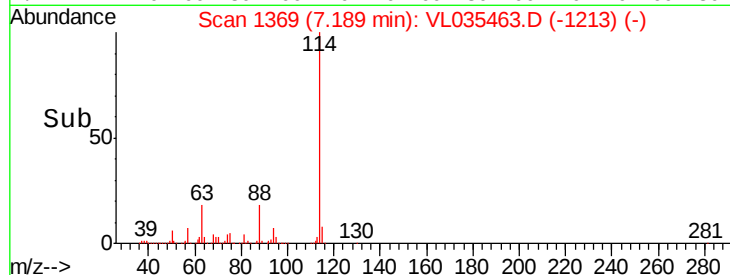
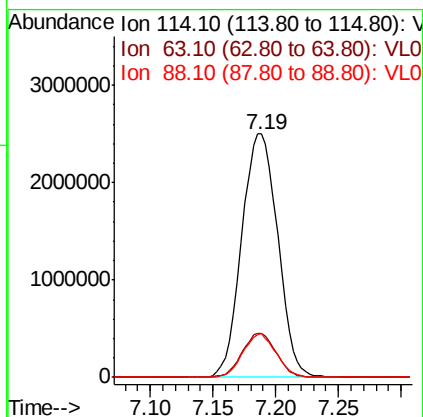
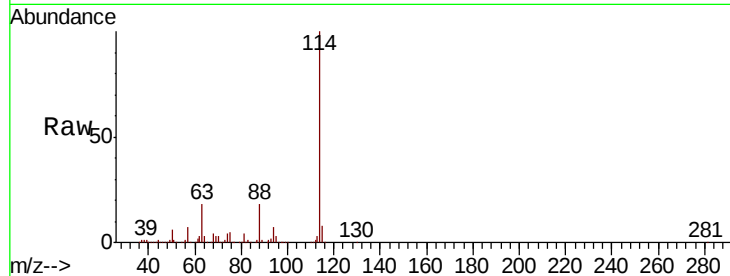




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL035463.D
 Acq: 19 Aug 2020 10:23

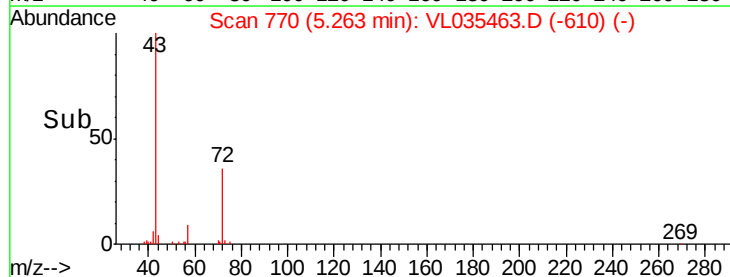
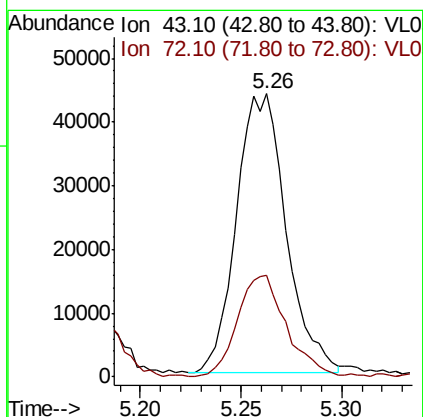
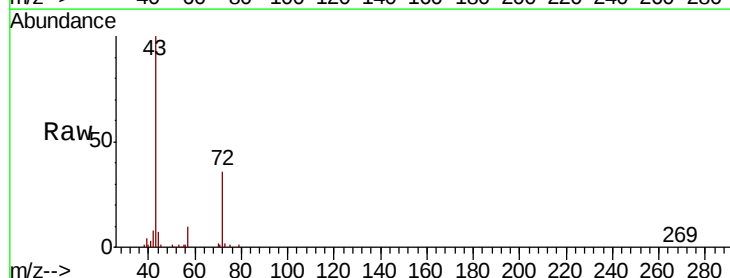
Instrument :
 MSVOA_L
 ClientSampleId :

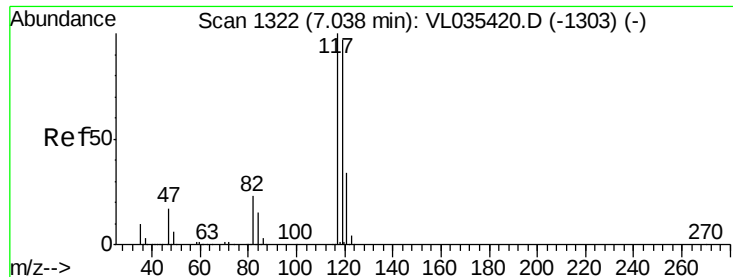
Tot Ion:114 Resp: 5000691
 Ion Ratio Lower Upper
 114 100
 63 17.2 23.1 34.7#
 88 16.5 15.9 23.9



#34
 2-Butanone
 Concen: 0.455 ppbv
 RT: 5.26 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: VL035463.D
 Acq: 19 Aug 2020 10:23

Tgt Ion: 43 Resp: 75981
 Ion Ratio Lower Upper
 43 100
 72 36.5 17.6 26.4#

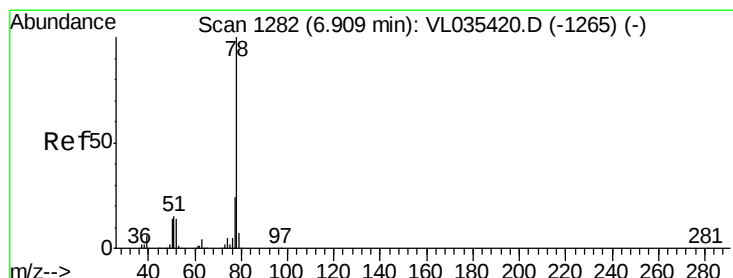
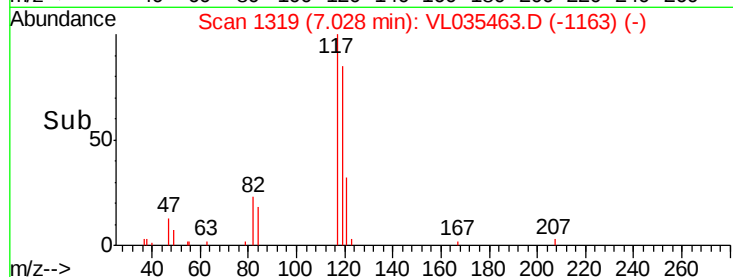
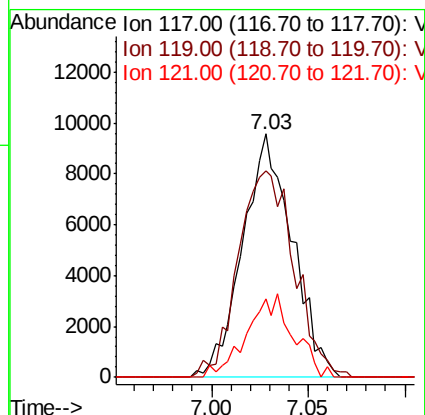
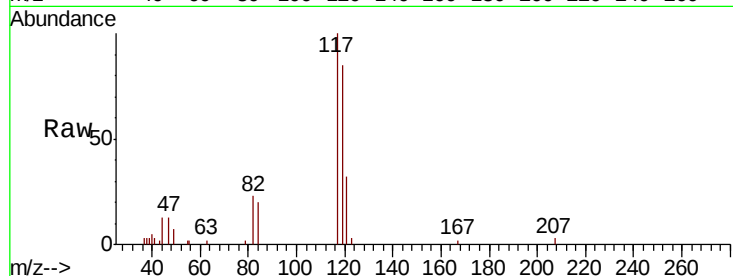




#35
Carbon Tetrachloride
Concen: 0.064 ppbv
RT: 7.03 min Scan# 1319
Delta R.T. 0.00 min
Lab File: VL035463.D
Acq: 19 Aug 2020 10:23

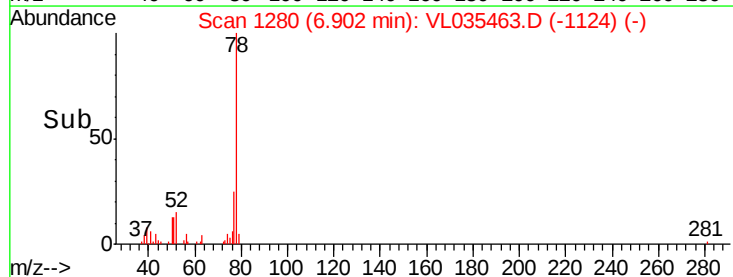
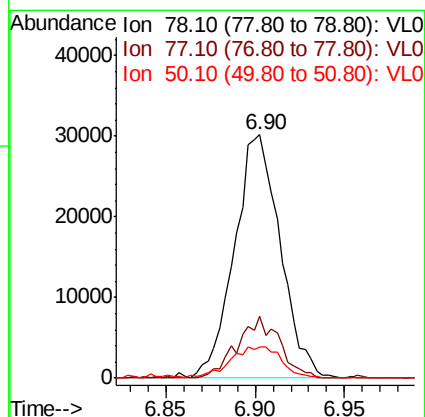
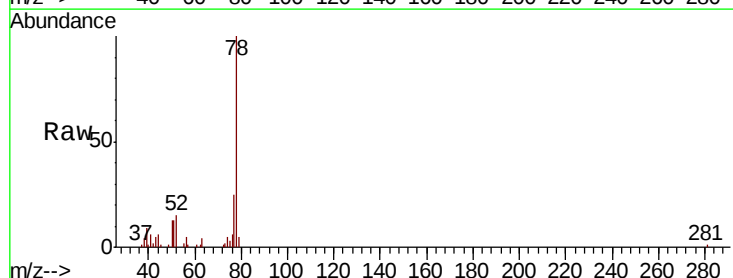
Instrument :
MSVOA_L
ClientSampleId :

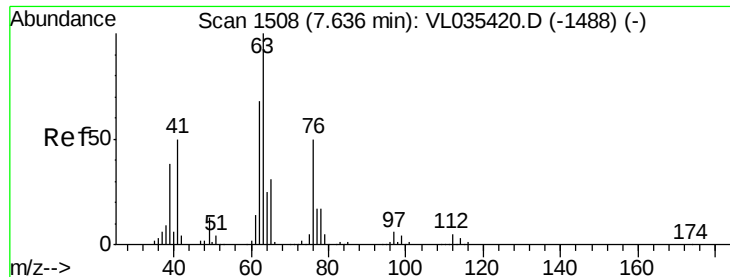
Tot Ion:117 Resp: 17028
Ion Ratio Lower Upper
117 100
119 84.9 76.1 114.1
121 32.2 25.5 38.3



#36
Benzene
Concen: 0.147 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VL035463.D
Acq: 19 Aug 2020 10:23

Tgt Ion: 78 Resp: 54020
Ion Ratio Lower Upper
78 100
77 25.3 19.6 29.4
50 12.9 16.3 24.5#





#39

1,2-Dichloropropane

Concen: 7.057 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. -0.44 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

ClientSampleId :

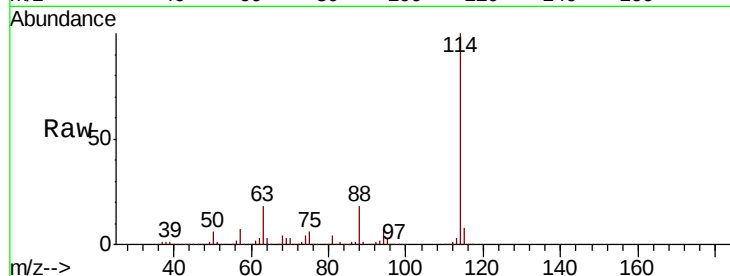
Tot Ion: 63 Resp: 853664

Ion Ratio Lower Upper

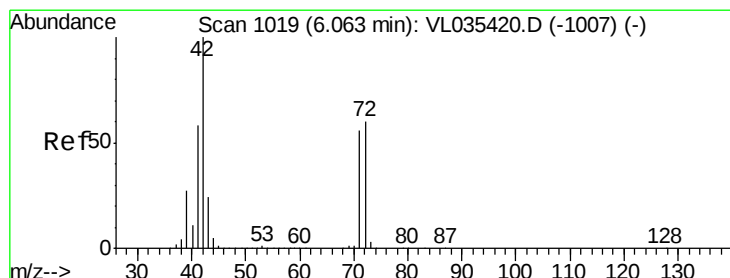
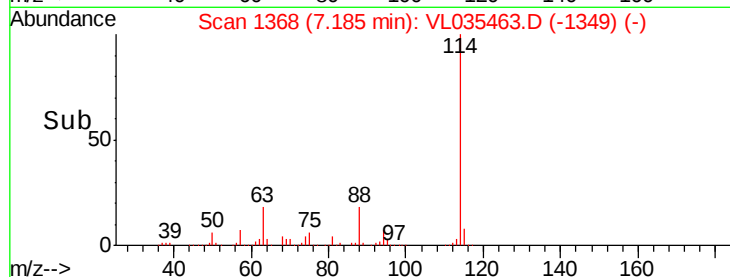
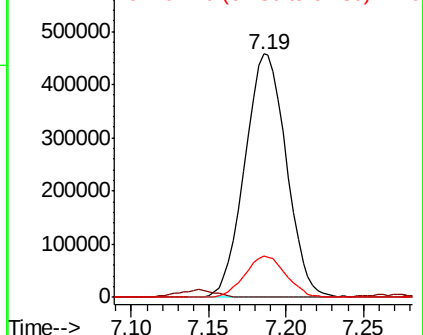
63 100

41 0.0 61.1 91.7#

62 17.1 55.3 82.9#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 0.049 ppbv

RT: 6.09 min Scan# 1026

Delta R.T. 0.03 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

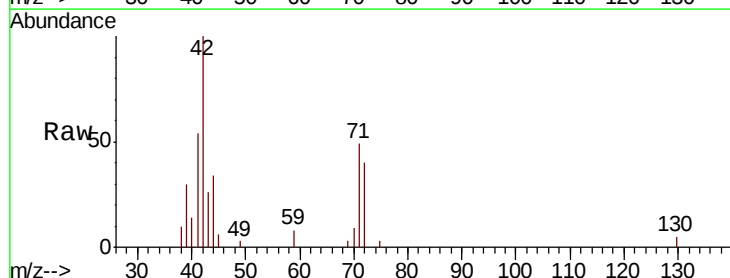
Tgt Ion: 42 Resp: 4550

Ion Ratio Lower Upper

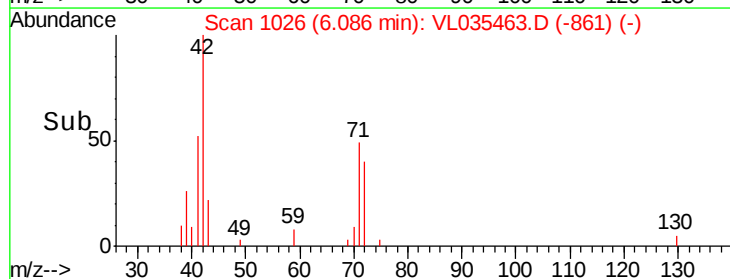
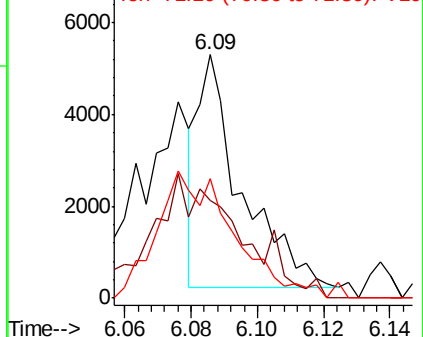
42 100

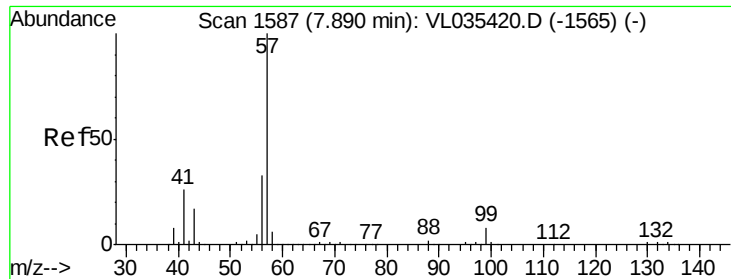
72 115.0 29.4 44.2#

71 98.2 28.9 43.3#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.313 ppbv

RT: 7.88 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

ClientSampleId :

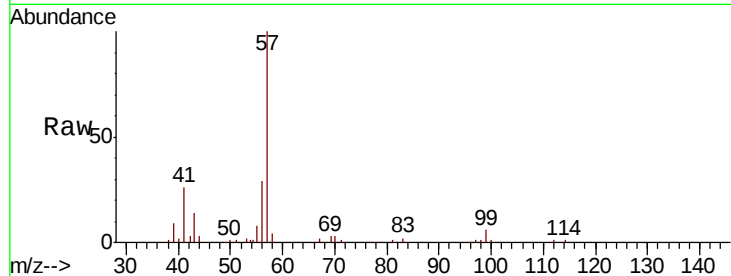
Tot Ion: 57 Resp: 150179

Ion Ratio Lower Upper

57 100

41 28.4 27.2 40.8

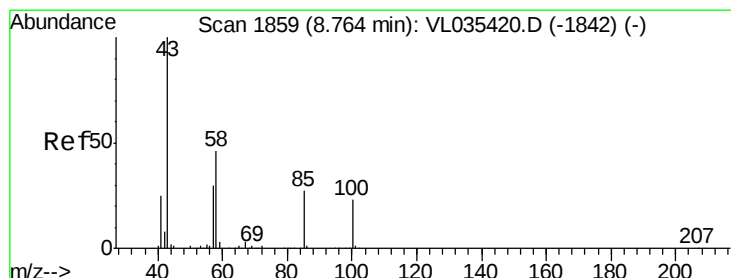
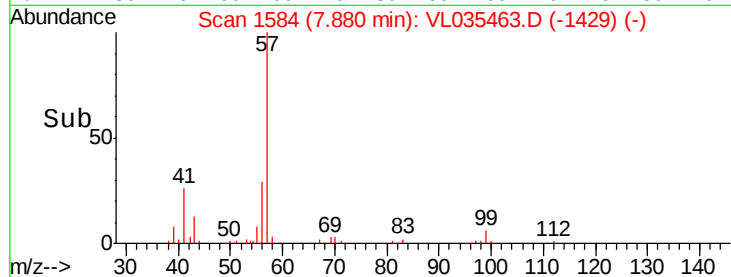
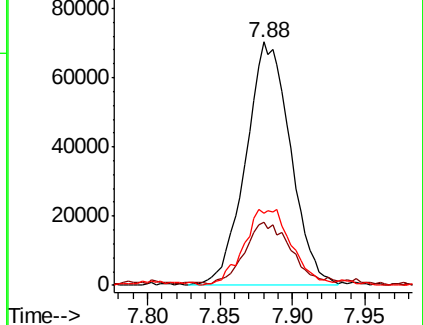
56 33.5 25.4 38.0



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#50

4-Methyl-2-Pentanone

Concen: 0.792 ppbv

RT: 8.77 min Scan# 1861

Delta R.T. 0.02 min

Lab File: VL035463.D

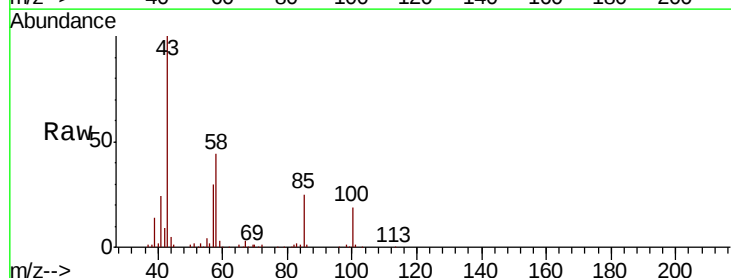
Acq: 19 Aug 2020 10:23

Tgt Ion: 43 Resp: 189728

Ion Ratio Lower Upper

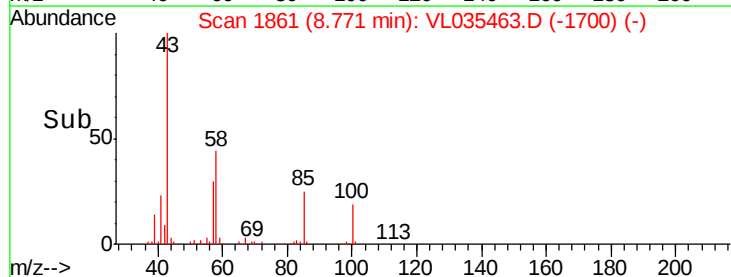
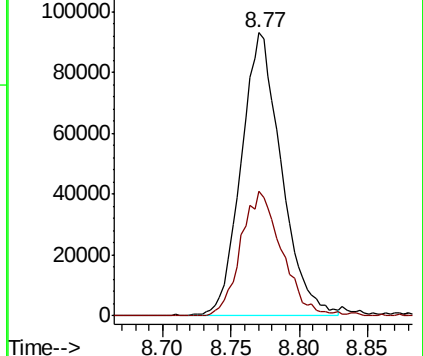
43 100

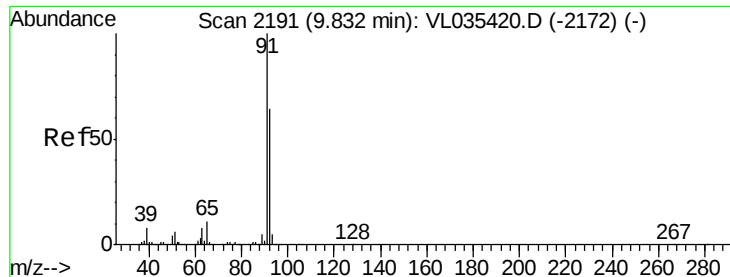
58 45.8 28.7 43.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#53

Toluene

Concen: 0.896 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.00 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

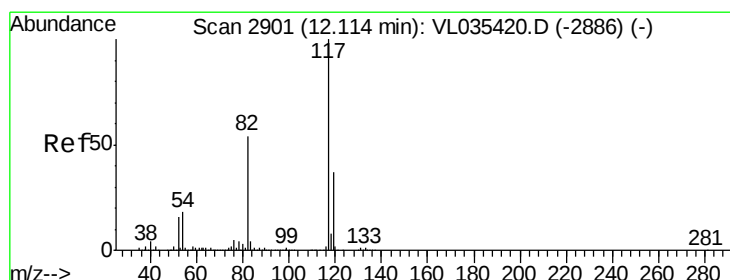
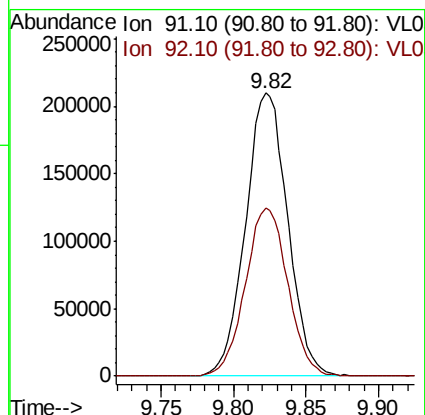
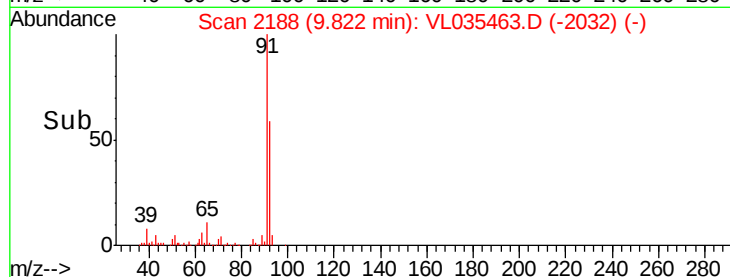
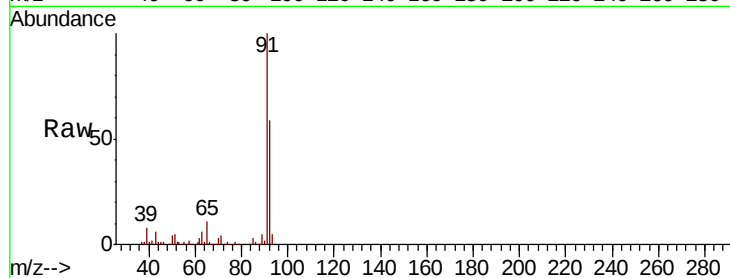
ClientSampleId :

Tot Ion: 91 Resp: 423643

Ion Ratio Lower Upper

91 100

92 60.1 49.1 73.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

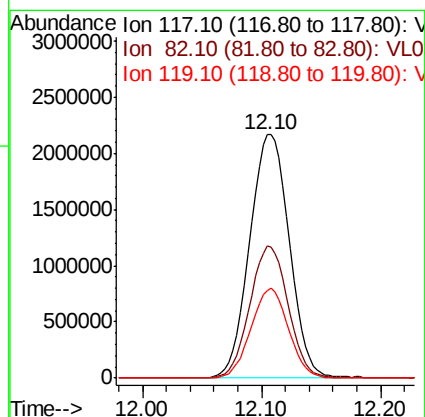
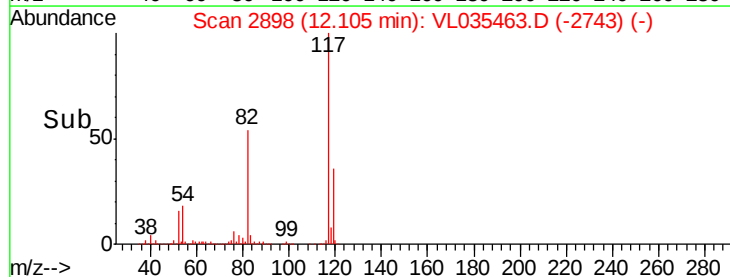
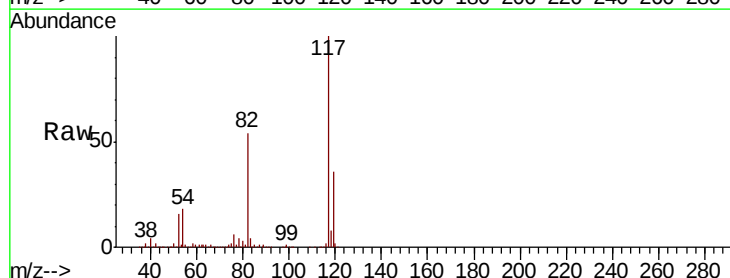
Tgt Ion: 117 Resp: 4988964

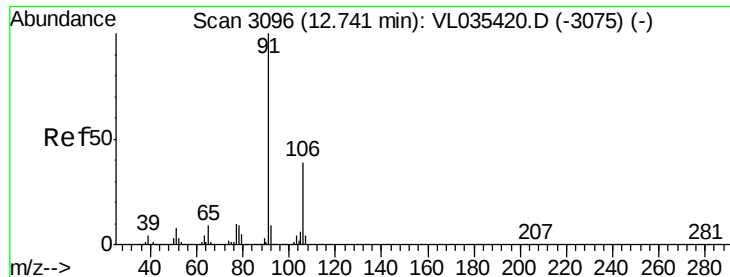
Ion Ratio Lower Upper

117 100

82 52.9 57.4 86.0#

119 35.1 28.4 42.6





#58

Ethyl Benzene

Concen: 0.184 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. 0.00 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

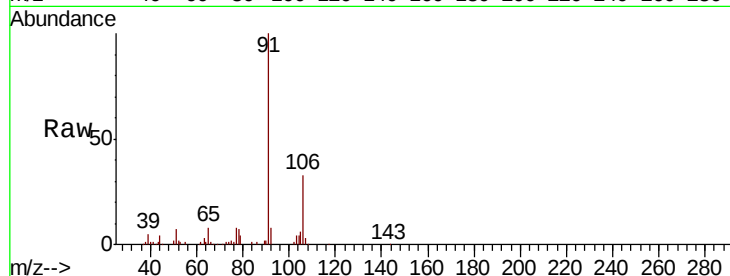
ClientSampleId :

Tot Ion: 91 Resp: 110771

Ion Ratio Lower Upper

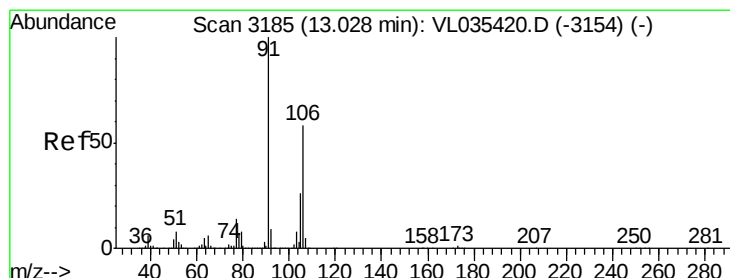
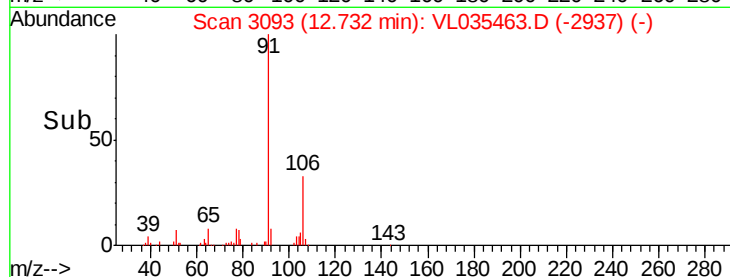
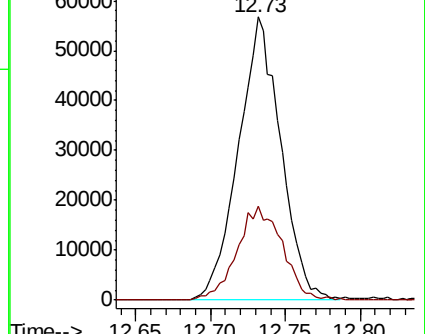
91 100

106 33.2 24.1 36.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.688 ppbv

RT: 12.99 min Scan# 3173

Delta R.T. -0.03 min

Lab File: VL035463.D

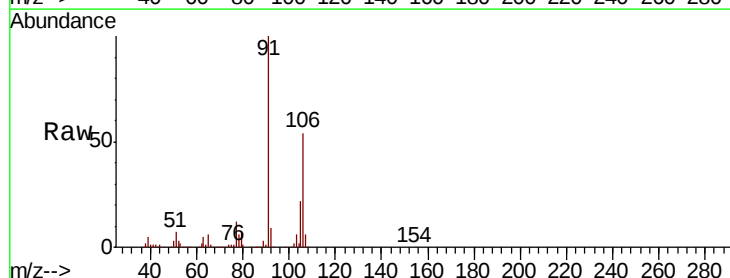
Acq: 19 Aug 2020 10:23

Tgt Ion: 91 Resp: 350362

Ion Ratio Lower Upper

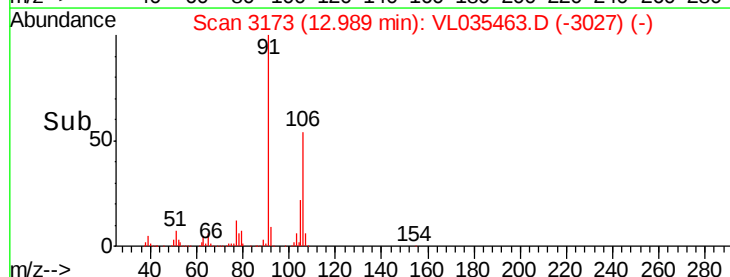
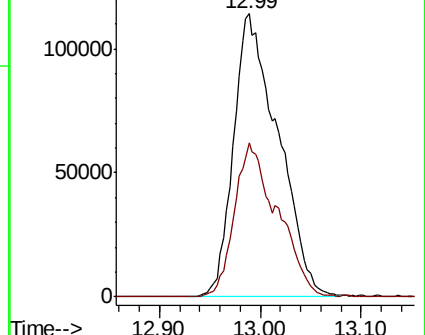
91 100

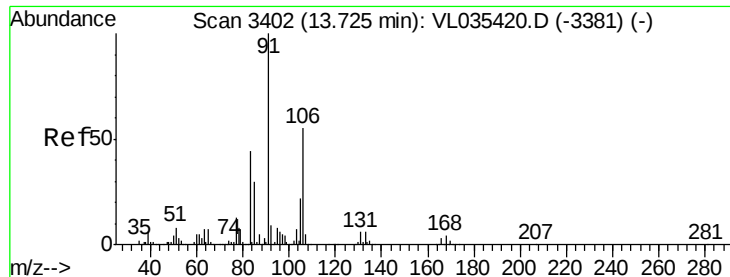
106 52.5 34.0 51.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

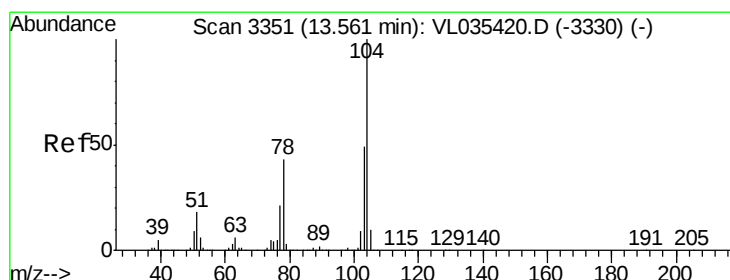
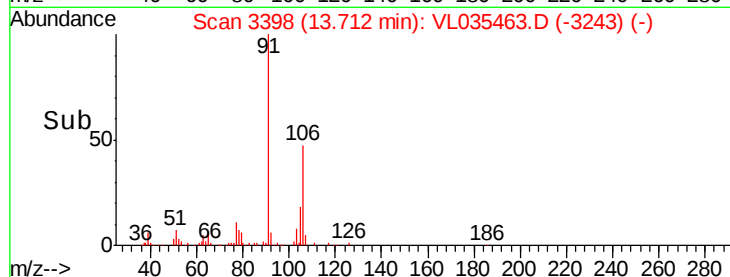
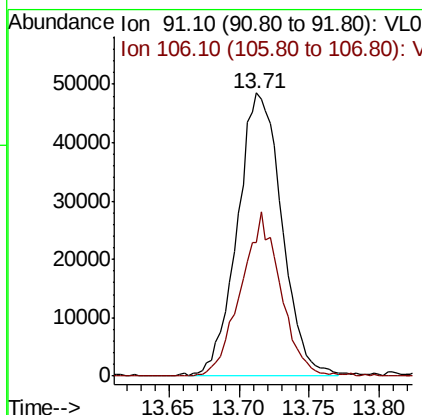
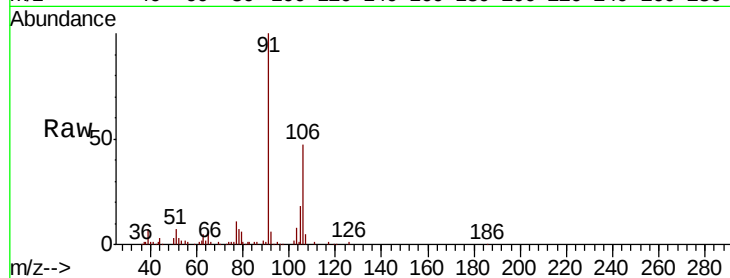




#60
o-Xylene
Concen: 0.215 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VL035463.D
Acq: 19 Aug 2020 10:23

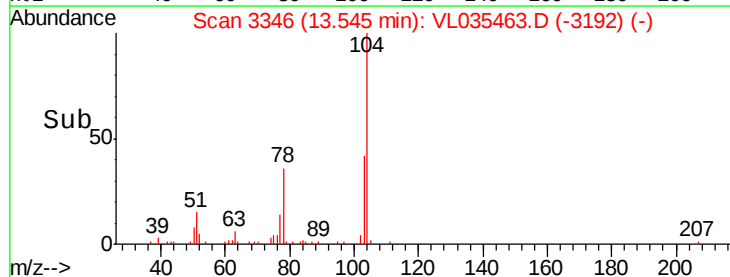
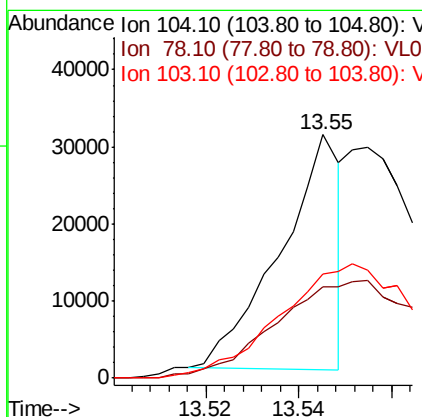
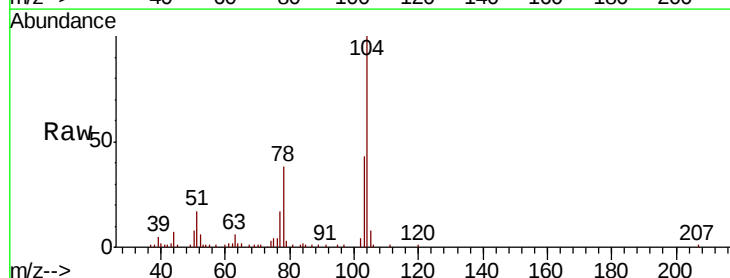
Instrument :
MSVOA_L
ClientSampleId :

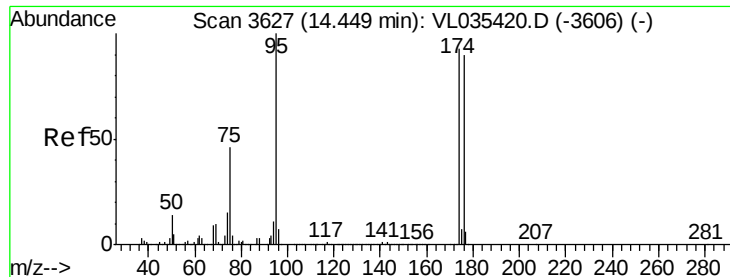
Tot Ion: 91 Resp: 106181
Ion Ratio Lower Upper
91 100
106 52.2 21.8 65.3



#61
Styrene
Concen: 0.069 ppbv
RT: 13.55 min Scan# 3346
Delta R.T. -0.01 min
Lab File: VL035463.D
Acq: 19 Aug 2020 10:23

Tgt Ion:104 Resp: 27548
Ion Ratio Lower Upper
104 100
78 0.0 45.4 68.2#
103 0.0 37.8 56.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.345 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. 0.00 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

ClientSampleId :

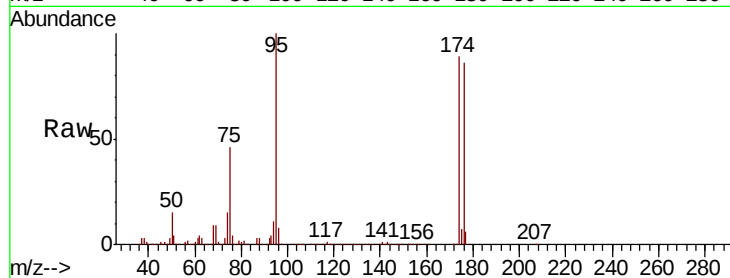
Tot Ion: 95 Resp: 3613361

Ion Ratio Lower Upper

95 100

174 90.5 44.0 66.0#

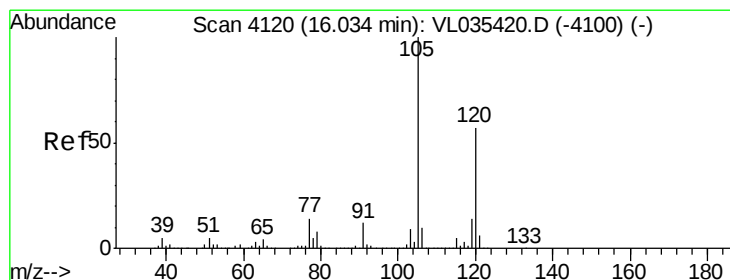
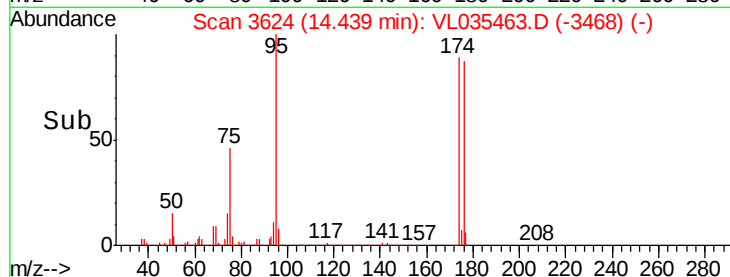
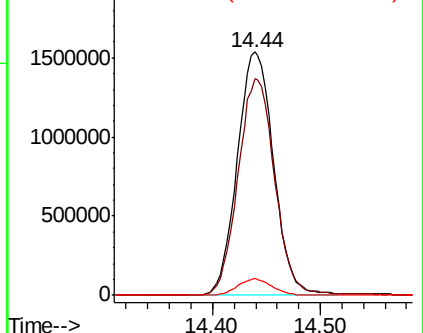
175 6.6 3.2 4.8#



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



#73

1,3,5-Trimethylbenzene

Concen: 0.042 ppbv

RT: 16.02 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VL035463.D

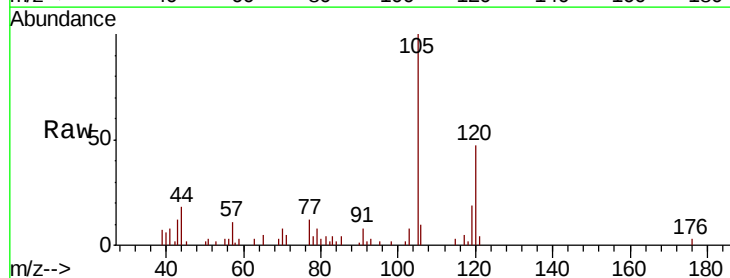
Acq: 19 Aug 2020 10:23

Tgt Ion: 105 Resp: 25678

Ion Ratio Lower Upper

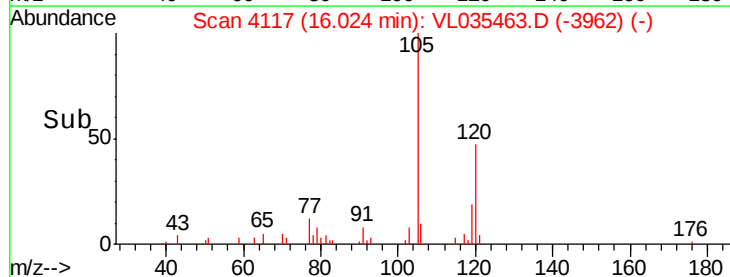
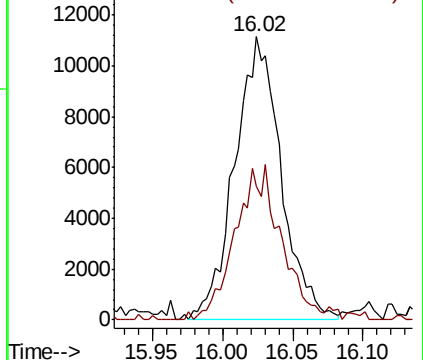
105 100

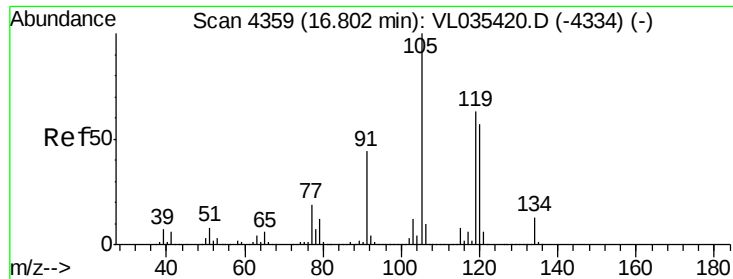
120 44.5 35.6 53.4



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: 0.121 ppbv

RT: 16.79 min Scan# 4355

Delta R.T. -0.00 min

Lab File: VL035463.D

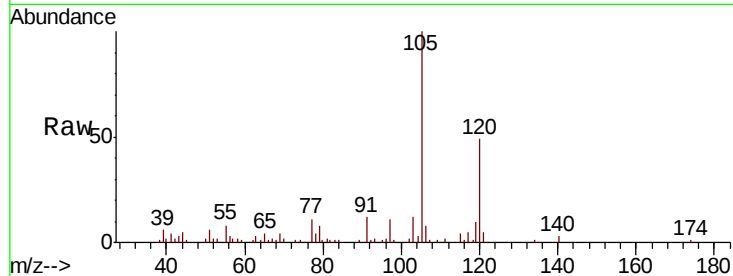
Acq: 19 Aug 2020 10:23

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	79419
Ion	Ratio	Lower	Upper
105	100		
120	49.3	37.8	56.8
91	11.8	40.0	60.0#
77	9.8	18.8	28.2#



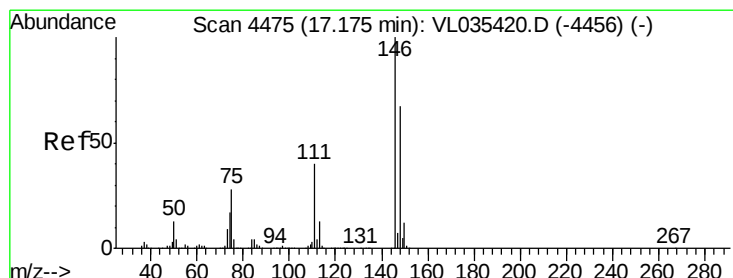
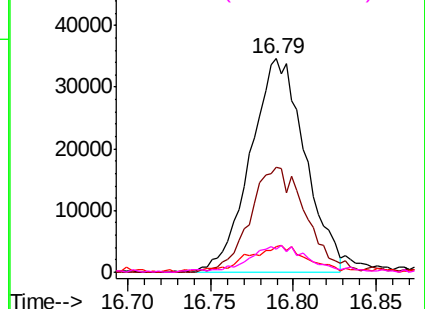
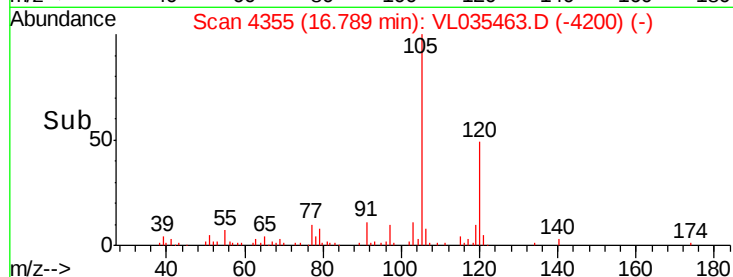
Abundance

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: 0.078 ppbv

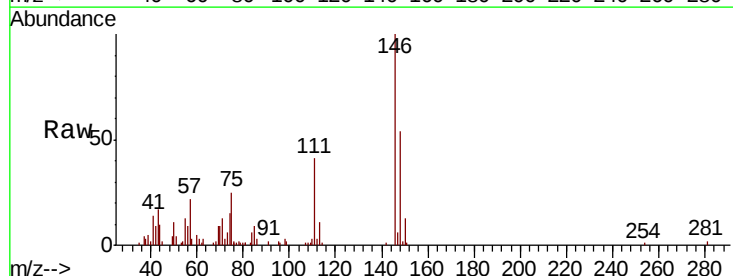
RT: 17.17 min Scan# 4473

Delta R.T. 0.00 min

Lab File: VL035463.D

Acq: 19 Aug 2020 10:23

Tgt Ion:	146	Resp:	39084
Ion	Ratio	Lower	Upper
146	100		
111	48.4	24.8	74.4
148	68.8	32.1	96.3



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

