

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036281.D
 Acq On : 28 Jan 2021 21:14
 Operator : SY/AP
 Sample : M1245-01DUP 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 29 02:27:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

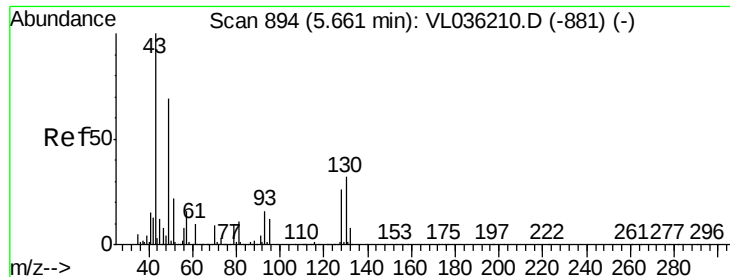
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1620726	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3539672	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3200744	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2686224	10.14	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	15305	0.070	ppbv #	63
3) Chlorodifluoromethane	2.98	51	54418	0.273	ppbv	99
4) Chloromethane	3.13	50	24117	0.245	ppbv	99
9) Propene	3.00	41	22059	0.233	ppbv #	54
10) Heptane	8.10	43	193620	0.823	ppbv	95
11) Trichlorofluoromethane	3.94	101	8959	0.041	ppbv #	58
13) Ethanol	3.62	45	10253763	688.926	ppbv	85
15) Acetone	3.84	43	14516314	73.133	ppbv #	89
16) 1,3-Butadiene	3.29	39	235293	2.433	ppbv #	19
17) tert-Butyl alcohol	4.31	59	11660692	71.191	ppbv	98
19) Isopropyl Alcohol	3.99	45	1640501	13.709	ppbv #	1
20) Methylene Chloride	4.33	84	38836	0.613	ppbv #	69
21) Allyl Chloride	4.31	41	4247221	39.310	ppbv #	62
23) Vinyl Acetate	5.05	43	45546	0.189	ppbv #	1
25) Ethyl Acetate	5.67	43	502865	1.262	ppbv #	95
26) Hexane	5.67	57	321414	1.937	ppbv #	66
30) Cyclohexane	7.11	84	51758	0.408	ppbv #	80
34) 2-Butanone	5.24	43	42724	0.164	ppbv #	56
36) Benzene	6.88	78	240671	0.742	ppbv	94
39) 1,2-Dichloropropane	7.16	63	1035298	7.862	ppbv #	21
44) 2,2,4-Trimethylpentane	7.85	57	258884	0.435	ppbv #	83
51) 2-Hexanone	10.10	43	15521	0.051	ppbv #	57
53) Toluene	9.79	91	2280363	6.285	ppbv	99
58) Ethyl Benzene	12.70	91	430044	0.905	ppbv	90
59) m/p-Xylene	12.95	91	1427437	3.498	ppbv	98
60) o-Xylene	13.68	91	461540	1.173	ppbv	100
65) tert-Butylbenzene	16.75	119	34364	0.069	ppbv #	60
72) 4-Ethyltoluene	15.83	105	68109	0.153	ppbv #	58
73) 1,3,5-Trimethylbenzene	15.99	105	32894	0.078	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	168570	0.388	ppbv #	70

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

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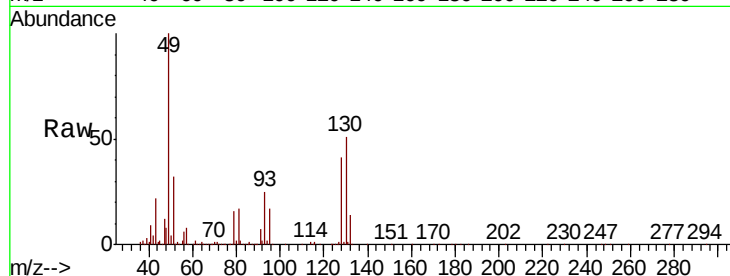
Tot Ion: 49 Resp: 1620726

Ion Ratio Lower Upper

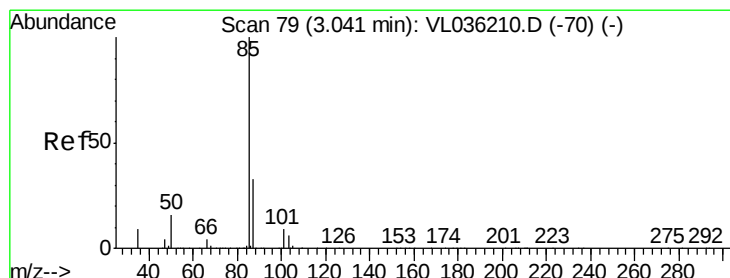
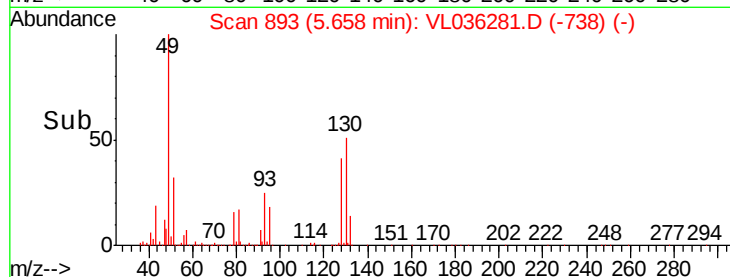
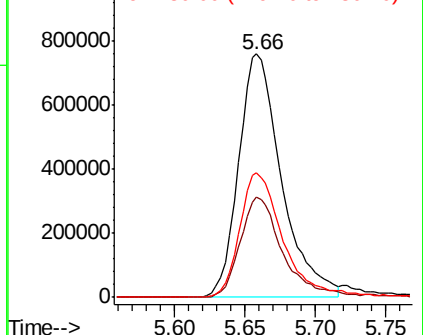
49 100

128 41.7 20.1 60.2

130 52.4 25.3 75.9



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: 0.070 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL036281.D

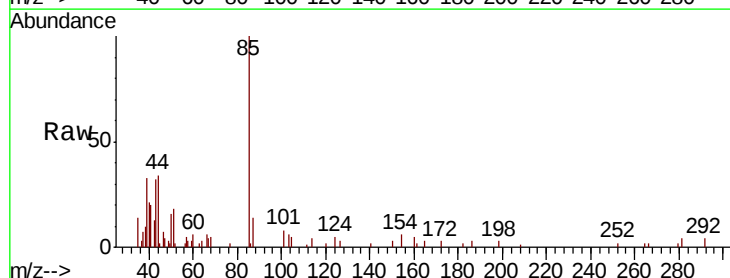
Acq: 28 Jan 2021 21:14

Tgt Ion: 85 Resp: 15305

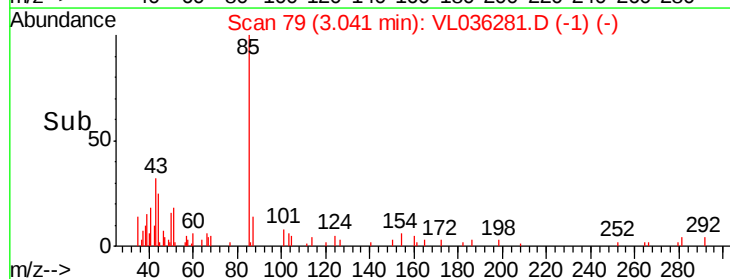
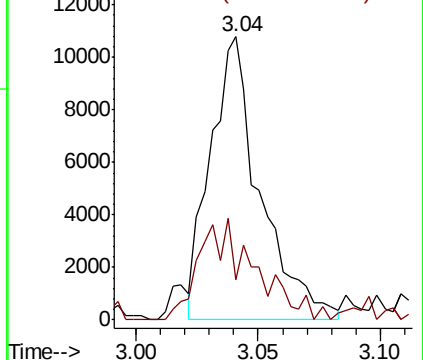
Ion Ratio Lower Upper

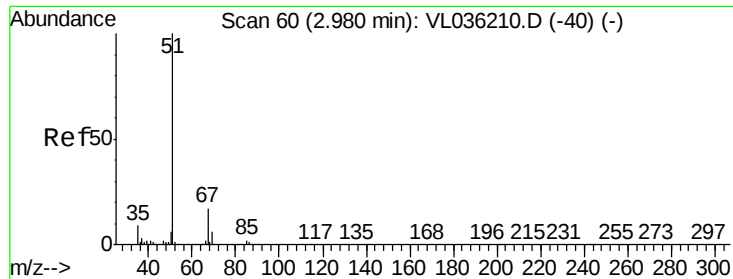
85 100

87 12.2 26.4 39.6#



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0

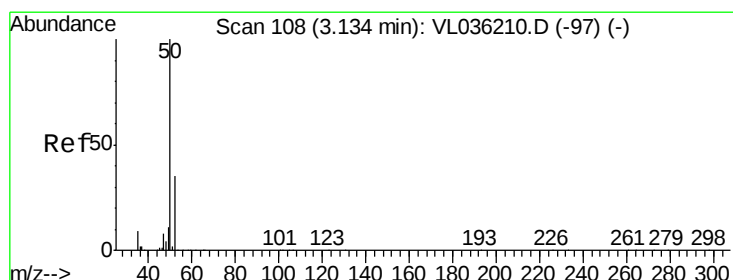
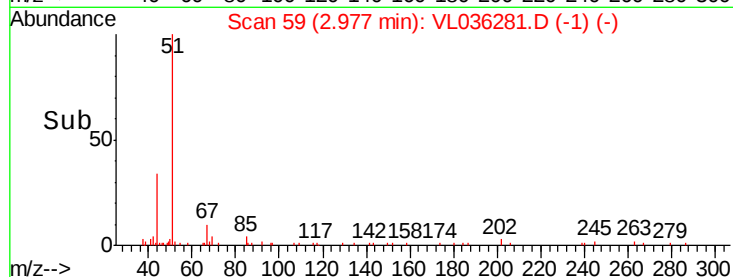
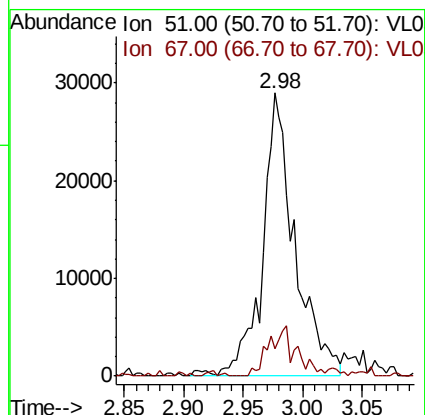
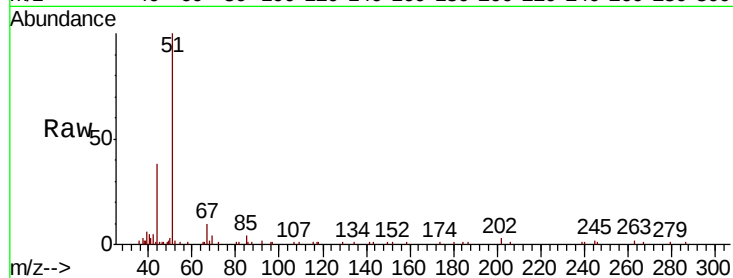




#3
Chlorodifluoromethane
Concen: 0.273 ppbv
RT: 2.98 min Scan# 59
Delta R.T. -0.00 min
Lab File: VL036281.D
Acq: 28 Jan 2021 21:14

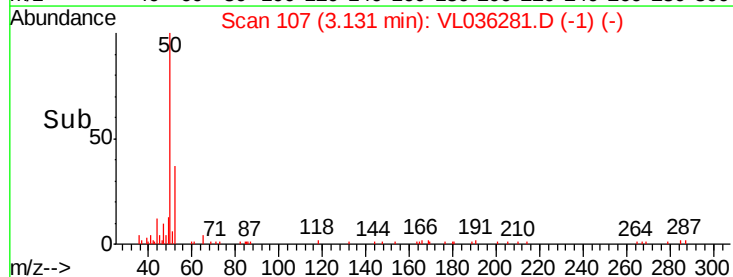
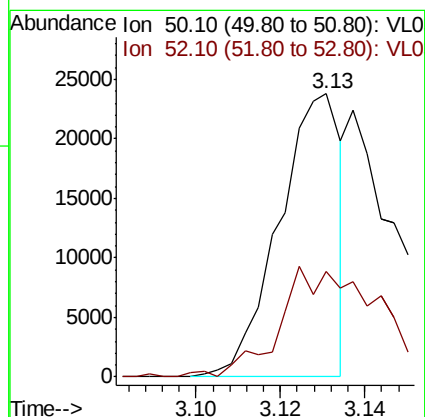
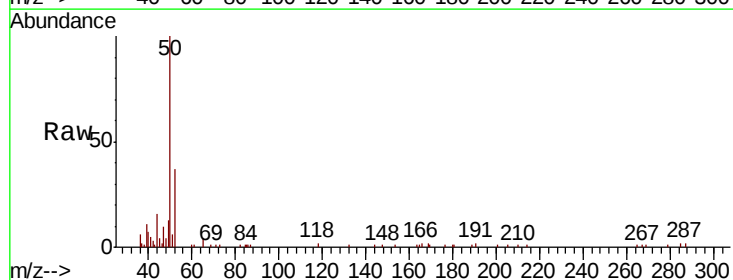
Instrument :
MSVOA_L
ClientSampleId :

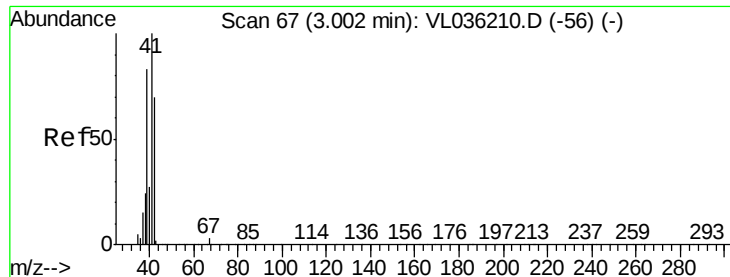
Tot Ion: 51 Resp: 54418
Ion Ratio Lower Upper
51 100
67 17.0 14.0 21.0



#4
Chloromethane
Concen: 0.245 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.00 min
Lab File: VL036281.D
Acq: 28 Jan 2021 21:14

Tgt Ion: 50 Resp: 24117
Ion Ratio Lower Upper
50 100
52 35.5 27.8 41.8





#9

Propene

Concen: 0.233 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

Instrument :

MSVOA_L

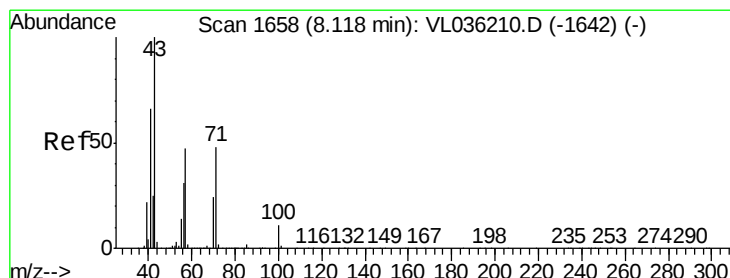
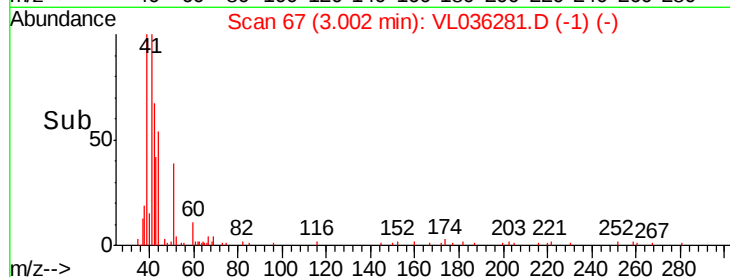
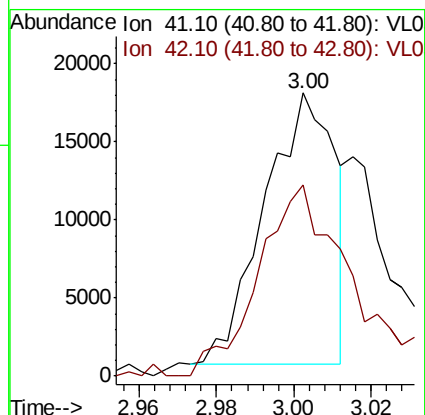
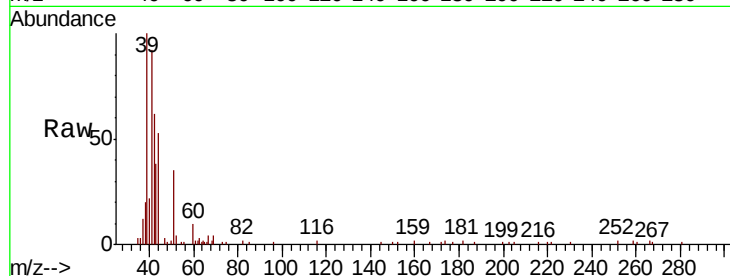
ClientSampleId :

Tot Ion: 41 Resp: 22059

Ion Ratio Lower Upper

41 100

42 109.2 57.1 85.7#



#10

Heptane

Concen: 0.823 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. -0.01 min

Lab File: VL036281.D

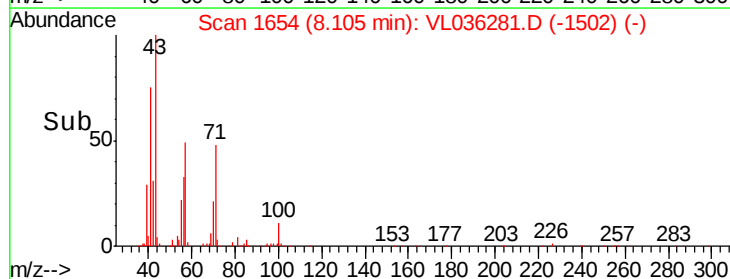
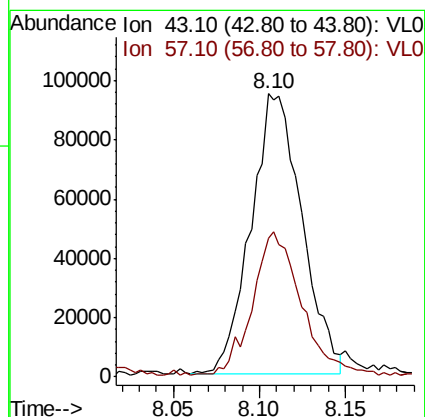
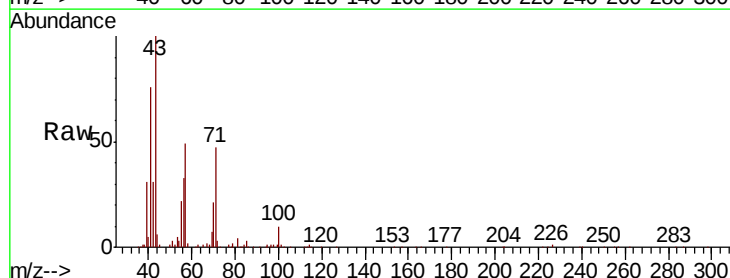
Acq: 28 Jan 2021 21:14

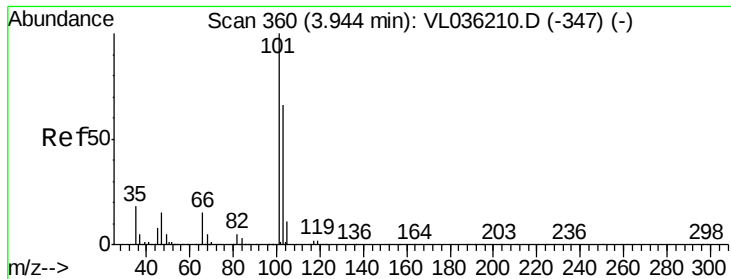
Tgt Ion: 43 Resp: 193620

Ion Ratio Lower Upper

43 100

57 50.8 38.1 57.1

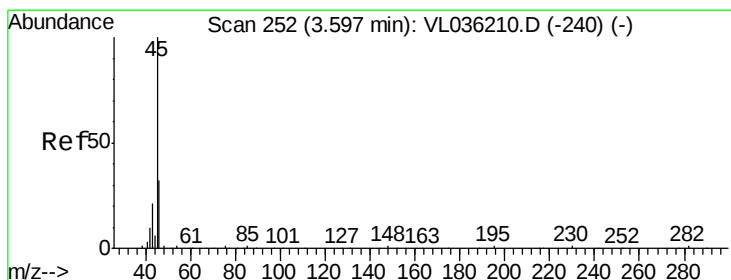
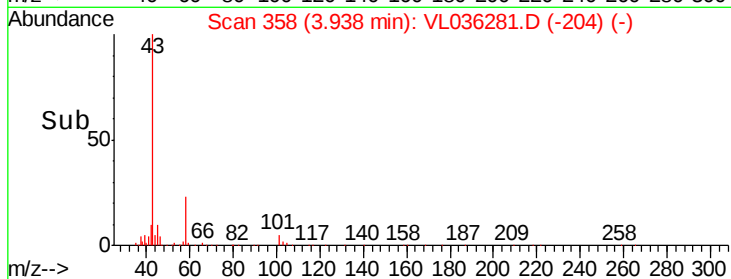
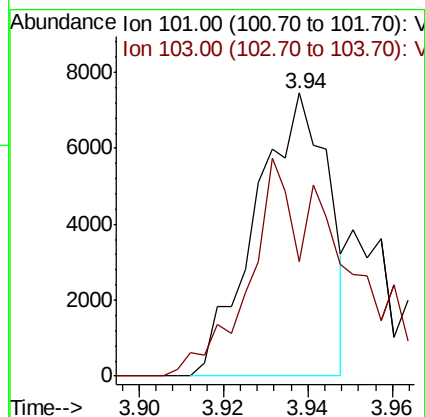
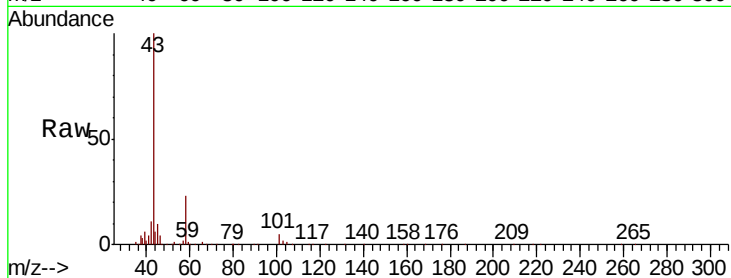




#11
 Trichlorofluoromethane
 Concen: 0.041 ppbv
 RT: 3.94 min Scan# 358
 Delta R.T. -0.01 min
 Lab File: VL036281.D
 Acq: 28 Jan 2021 21:14

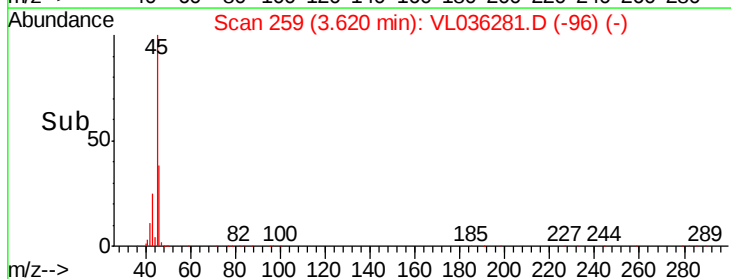
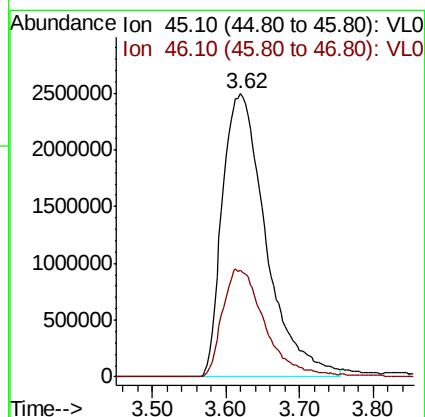
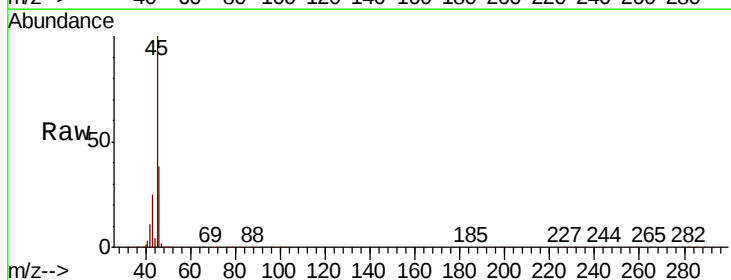
Instrument :
 MSVOA_L
 ClientSampleId :

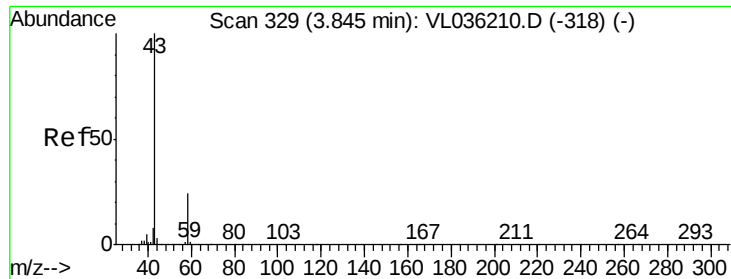
Tot Ion:101 Resp: 8959
 Ion Ratio Lower Upper
 101 100
 103 32.2 52.6 78.8#



#13
 Ethanol
 Concen: 688.926 ppbv
 RT: 3.62 min Scan# 259
 Delta R.T. 0.02 min
 Lab File: VL036281.D
 Acq: 28 Jan 2021 21:14

Tgt Ion: 45 Resp:10253763
 Ion Ratio Lower Upper
 45 100
 46 38.0 19.2 77.0





#15

Acetone

Concen: 73.133 ppbv

RT: 3.84 min Scan# 326

Delta R.T. -0.01 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

Instrument :

MSVOA_L

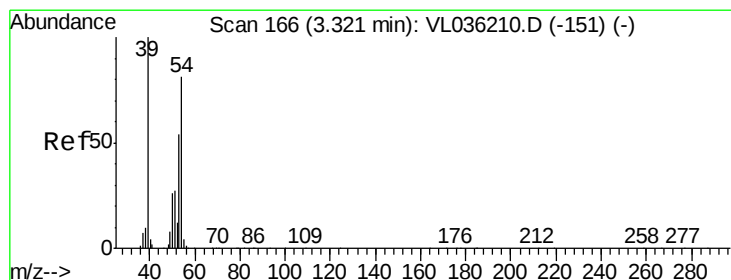
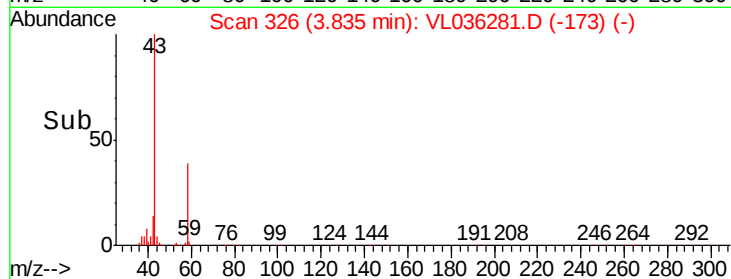
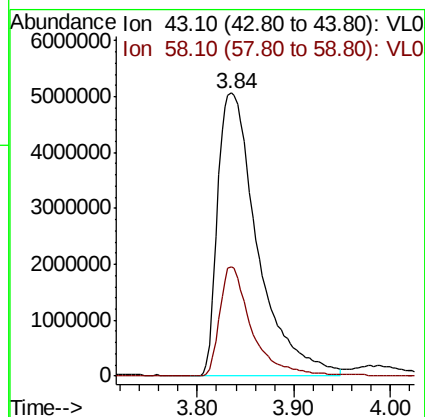
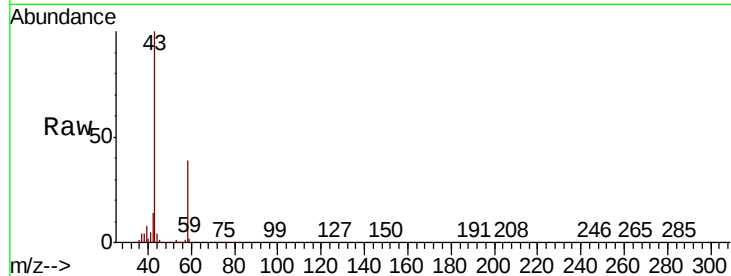
ClientSampleId :

Tot Ion: 43 Resp:14516314

Ion Ratio Lower Upper

43 100

58 31.8 20.9 31.3#



#16

1,3-Butadiene

Concen: 2.433 ppbv

RT: 3.29 min Scan# 158

Delta R.T. -0.03 min

Lab File: VL036281.D

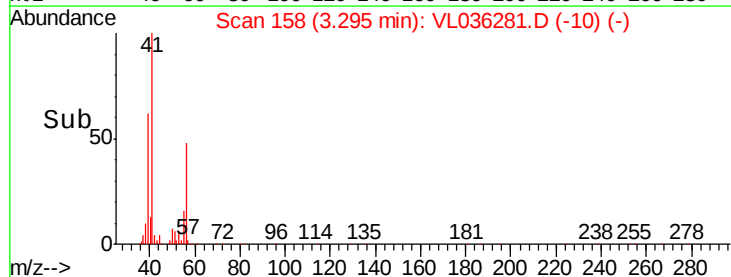
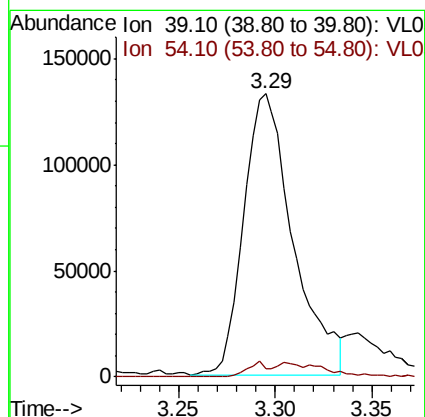
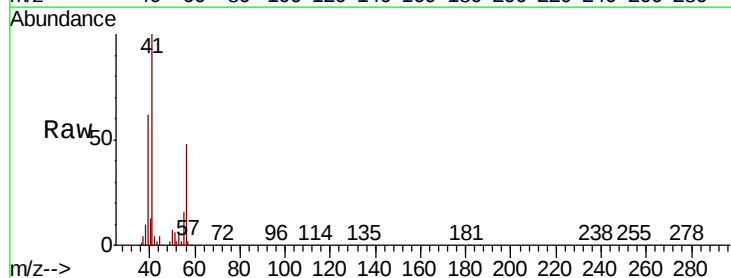
Acq: 28 Jan 2021 21:14

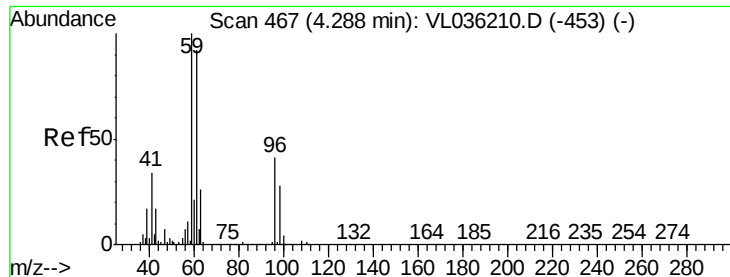
Tgt Ion: 39 Resp: 235293

Ion Ratio Lower Upper

39 100

54 7.6 62.5 93.7#





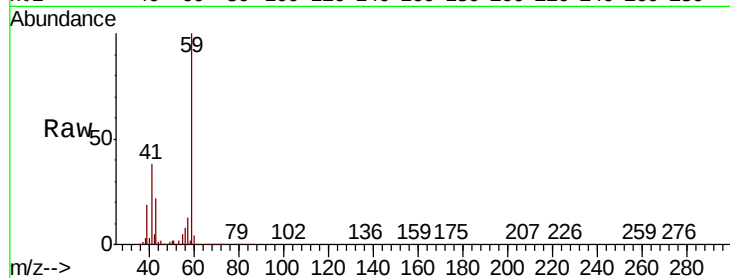
#17

tert-Butyl alcohol
 Concen: 71.191 ppbv
 RT: 4.31 min Scan# 474
 Delta R.T. 0.02 min
 Lab File: VL036281.D
 Acq: 28 Jan 2021 21:14

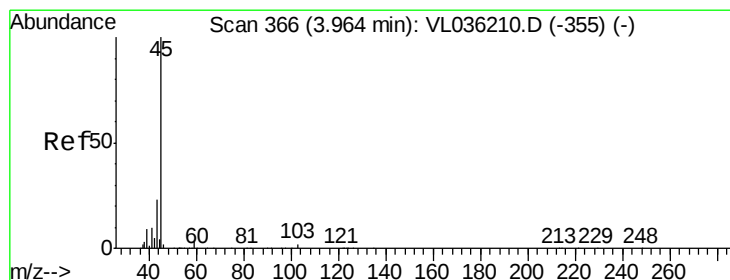
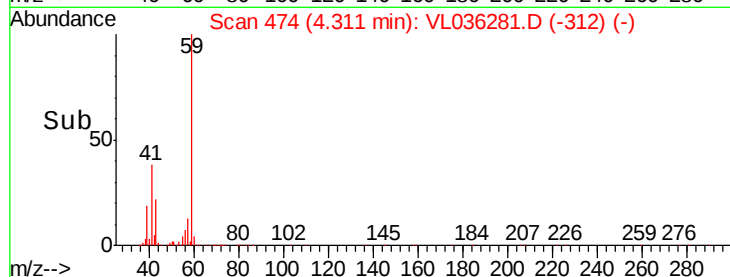
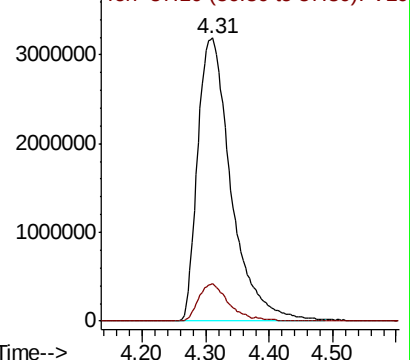
Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion: 59 Resp: 11660692

Ion	Ratio	Lower	Upper
59	100		
57	12.2	9.2	13.8



Abundance Ion 59.10 (58.80 to 59.80): VL0

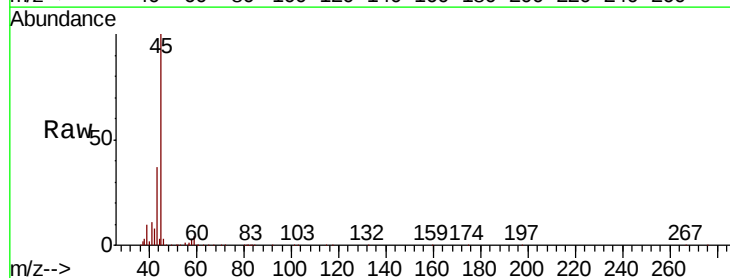


#19

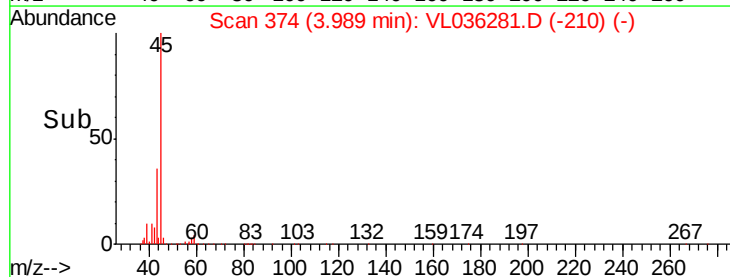
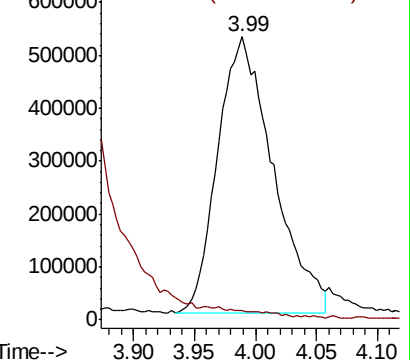
Isopropyl Alcohol
 Concen: 13.709 ppbv
 RT: 3.99 min Scan# 374
 Delta R.T. 0.03 min
 Lab File: VL036281.D
 Acq: 28 Jan 2021 21:14

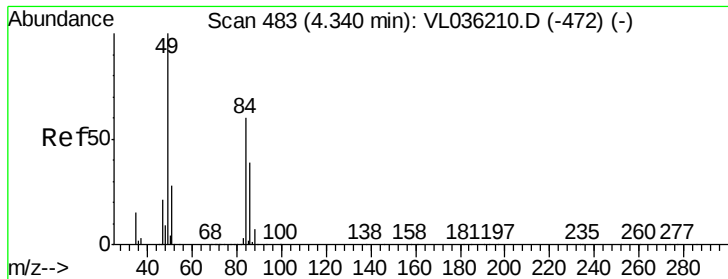
Tgt Ion: 45 Resp: 1640501

Ion	Ratio	Lower	Upper
45	100		
58	281.5	1.9	2.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

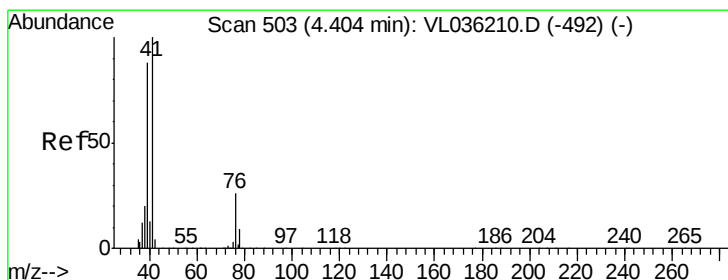
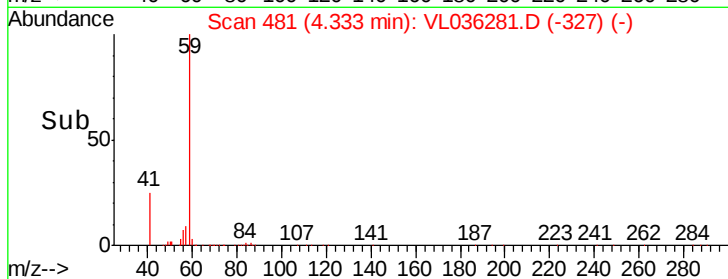
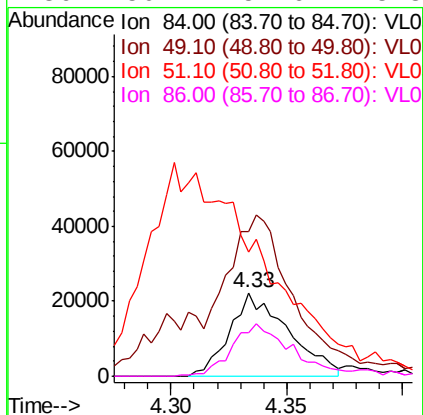
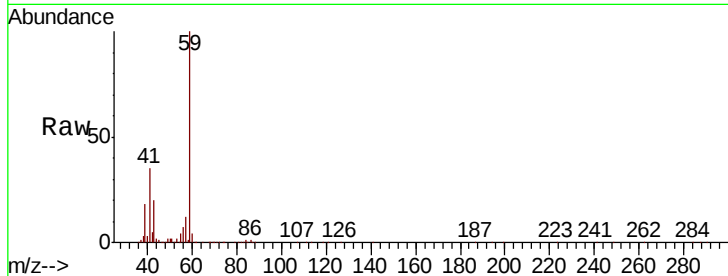




#20
Methylene Chloride
Concen: 0.613 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036281.D
Acq: 28 Jan 2021 21:14

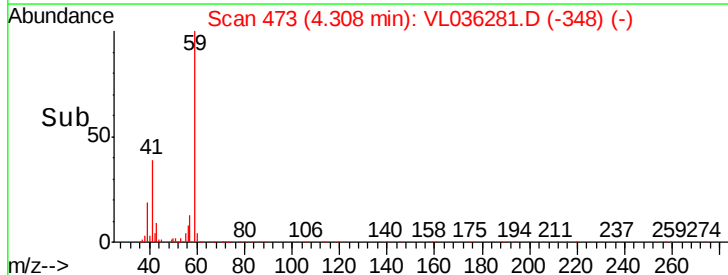
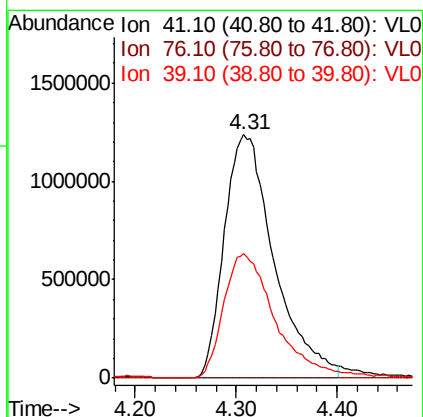
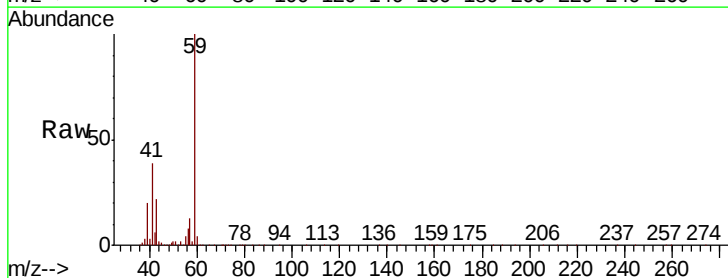
Instrument :
MSVOA_L
ClientSampleId :

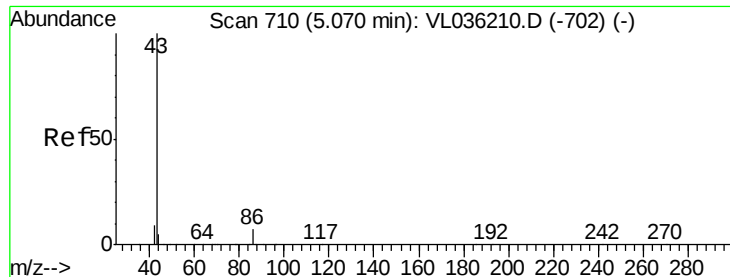
Tot Ion: 84 Resp: 38836
Ion Ratio Lower Upper
84 100
49 143.7 134.1 201.1
51 111.8 37.4 56.0#
86 50.7 52.6 78.8#



#21
Allyl Chloride
Concen: 39.310 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.10 min
Lab File: VL036281.D
Acq: 28 Jan 2021 21:14

Tgt Ion: 41 Resp: 4247221
Ion Ratio Lower Upper
41 100
76 0.0 20.5 30.7#
39 53.2 67.8 101.8#





#23

Vinyl Acetate

Concen: 0.189 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.02 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 45546

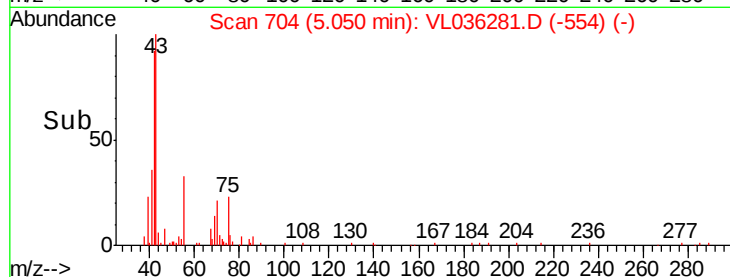
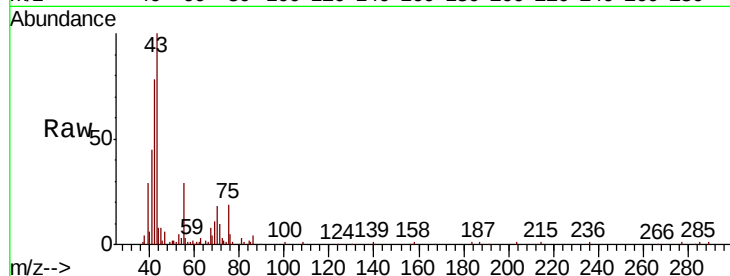
Ion Ratio Lower Upper

43 100

86 0.0 4.9 7.3#

42 132.7 7.8 11.6#

44 9.8 3.7 5.5#

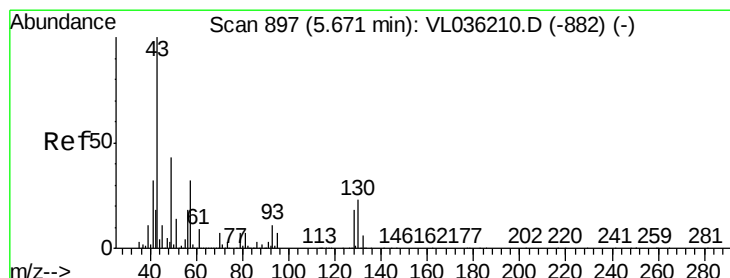
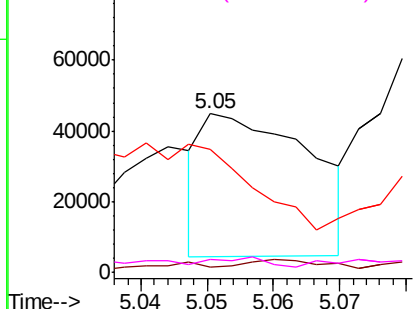


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.262 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.00 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

Tgt Ion: 43 Resp: 502865

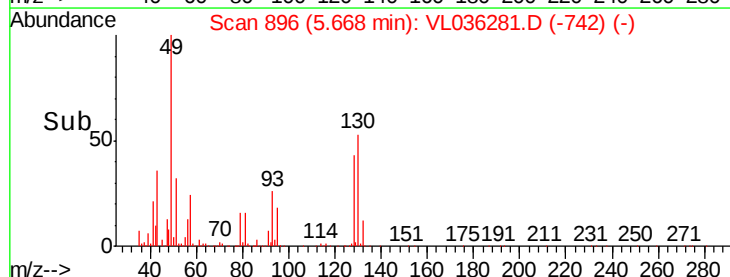
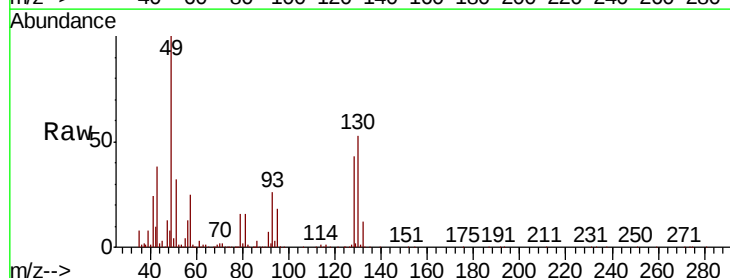
Ion Ratio Lower Upper

43 100

45 8.2 8.3 12.5#

61 6.7 7.4 11.2#

70 5.9 5.5 8.3

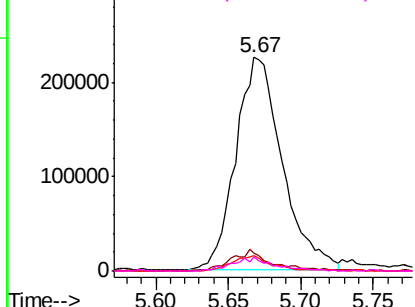


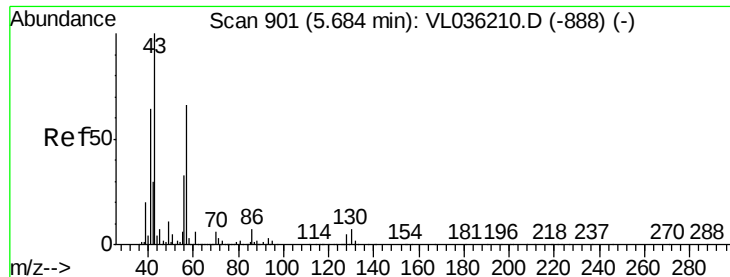
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

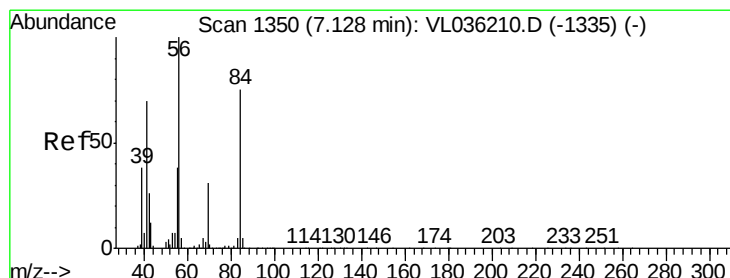
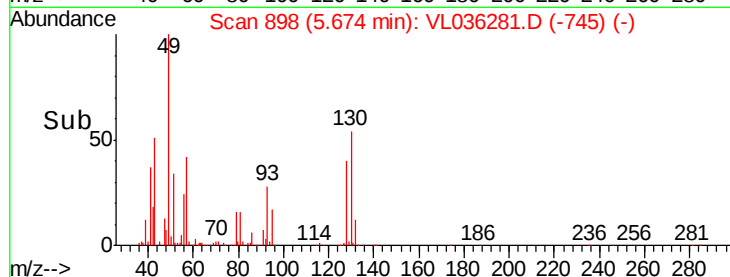
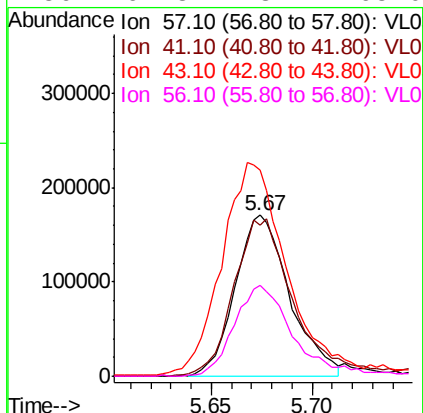
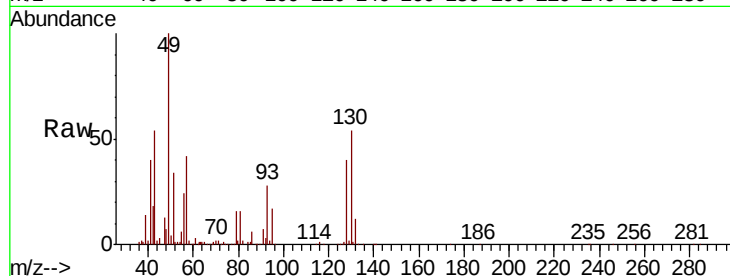




#26
Hexane
Concen: 1.937 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL036281.D
Acq: 28 Jan 2021 21:14

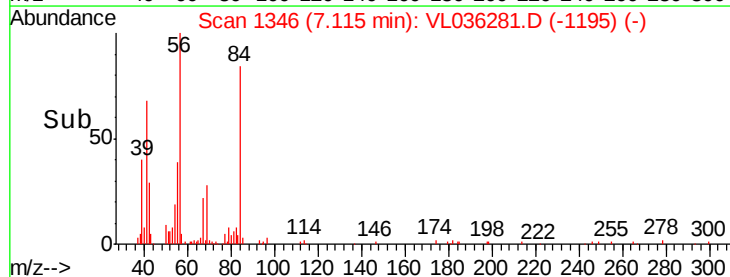
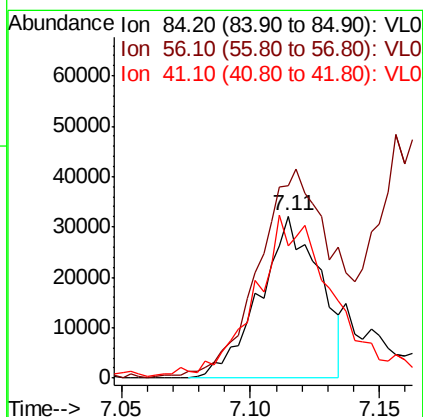
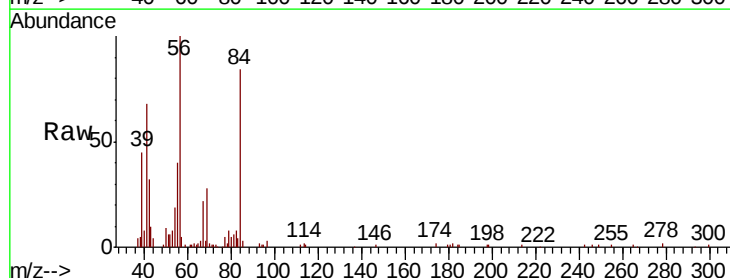
Instrument :
MSVOA_L
ClientSampleId :

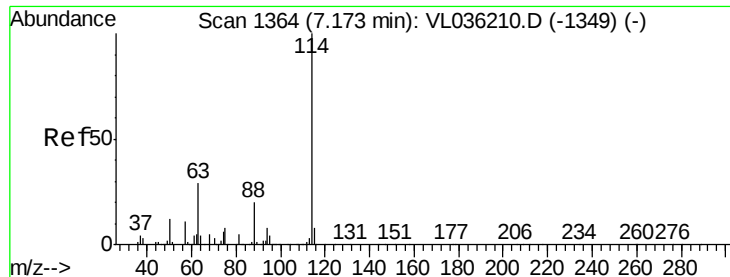
Tot Ion: 57 Resp: 321414
Ion Ratio Lower Upper
57 100
41 108.2 83.0 124.6
43 163.6 202.4 303.6#
56 61.8 43.4 65.0



#30
Cyclohexane
Concen: 0.408 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.01 min
Lab File: VL036281.D
Acq: 28 Jan 2021 21:14

Tgt Ion: 84 Resp: 51758
Ion Ratio Lower Upper
84 100
56 166.4 119.4 179.0
41 129.1 79.4 119.0#

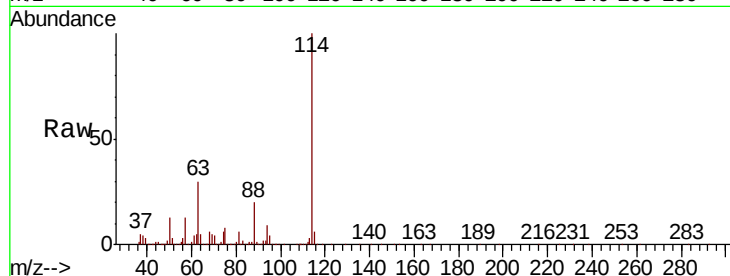




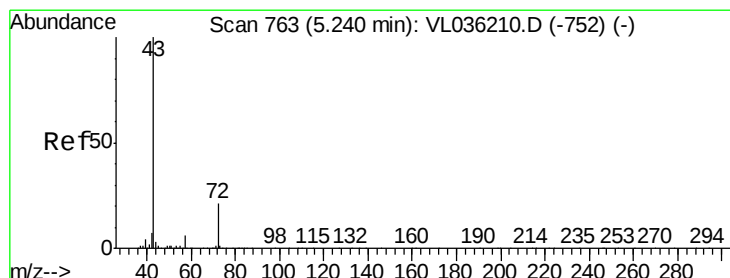
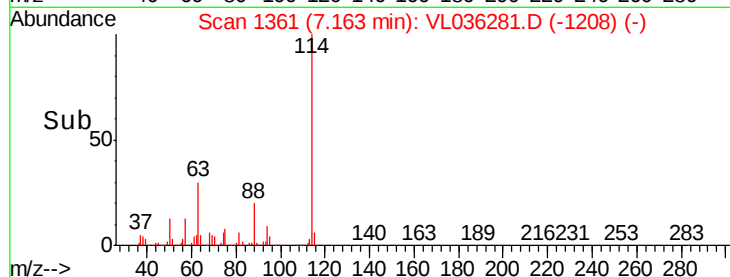
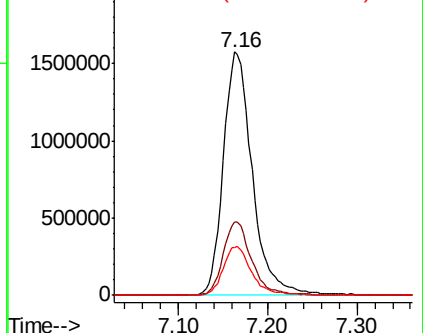
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: VL036281.D
 Acq: 28 Jan 2021 21:14

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3539672
 Ion Ratio Lower Upper
 114 100
 63 29.9 24.7 37.1
 88 19.9 16.6 24.8

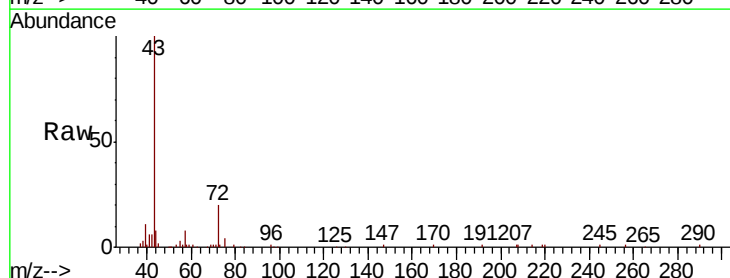


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

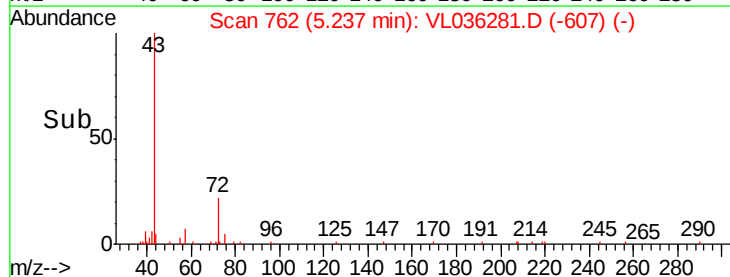
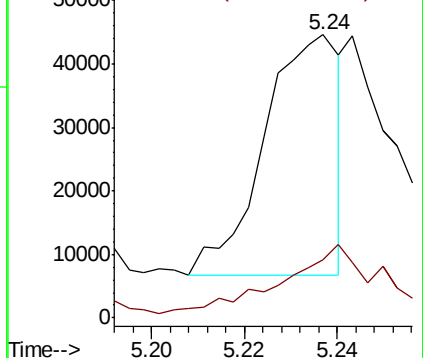


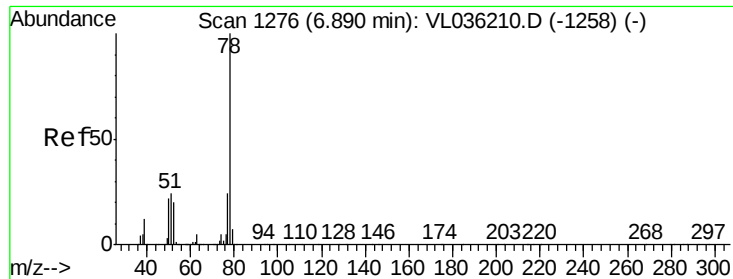
#34
 2-Butanone
 Concen: 0.164 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VL036281.D
 Acq: 28 Jan 2021 21:14

Tgt Ion: 43 Resp: 42724
 Ion Ratio Lower Upper
 43 100
 72 0.0 16.1 24.1#



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





#36

Benzene

Concen: 0.742 ppbv

RT: 6.88 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

Instrument :

MSVOA_L

ClientSampleId :

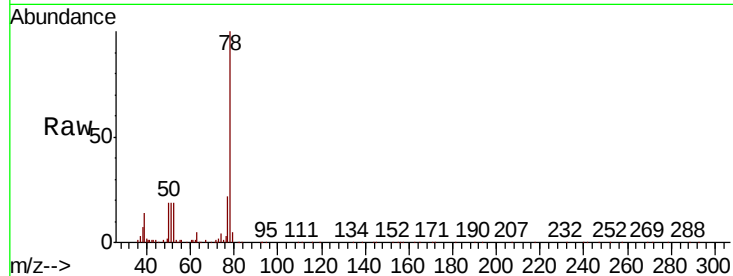
Tot Ion: 78 Resp: 240671

Ion Ratio Lower Upper

78 100

77 21.7 19.4 29.0

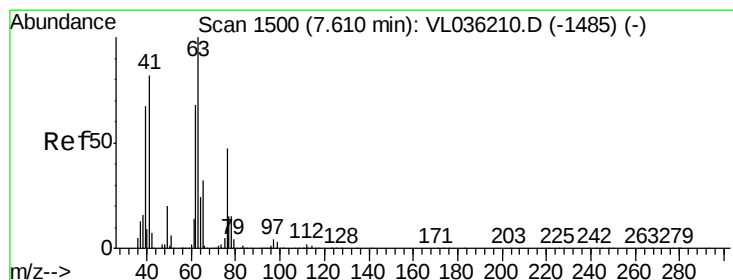
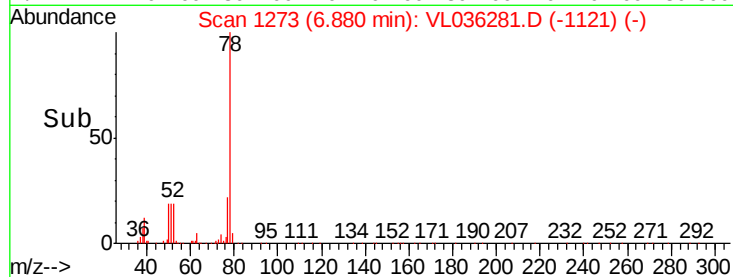
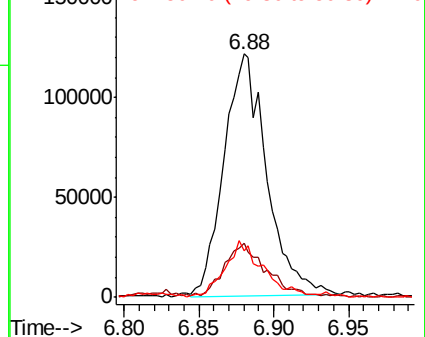
50 18.9 17.4 26.2



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#39

1,2-Dichloropropane

Concen: 7.862 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.45 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

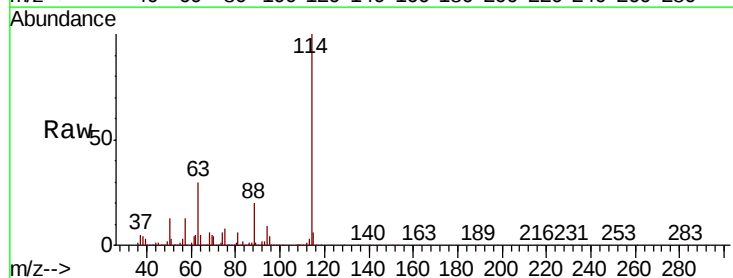
Tgt Ion: 63 Resp: 1035298

Ion Ratio Lower Upper

63 100

41 0.0 66.1 99.1#

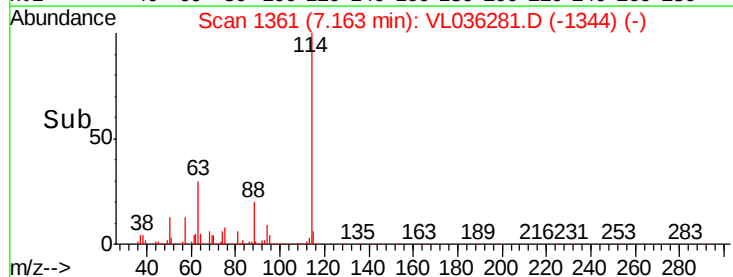
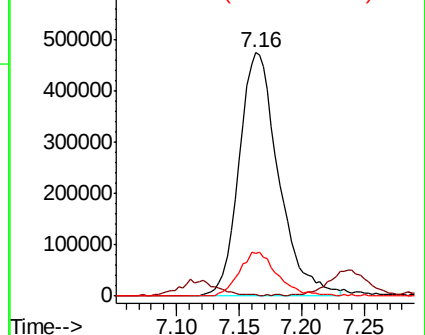
62 17.5 54.8 82.2#

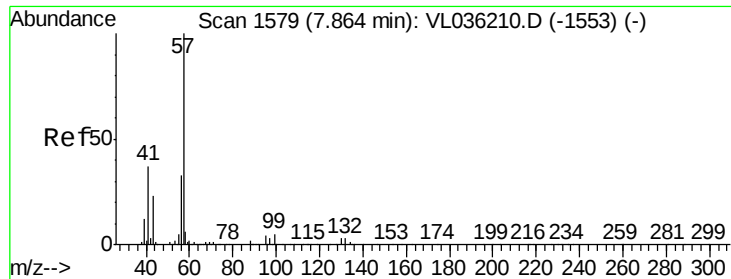


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.435 ppbv

RT: 7.85 min Scan# 1576

Delta R.T. -0.01 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

Instrument :

MSVOA_L

ClientSampleId :

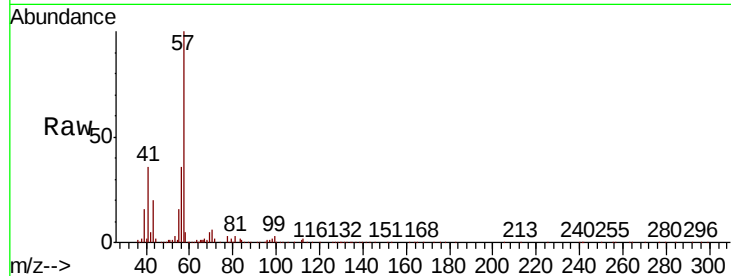
Tot Ion: 57 Resp: 258884

Ion Ratio Lower Upper

57 100

41 44.4 28.5 42.7#

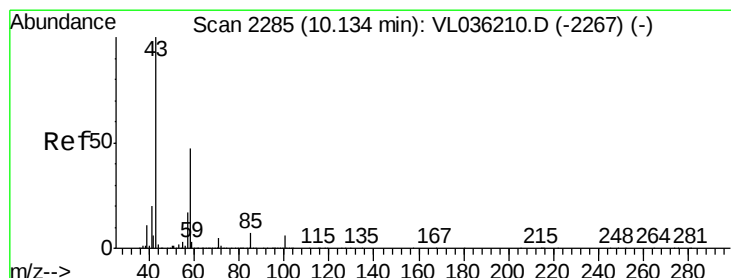
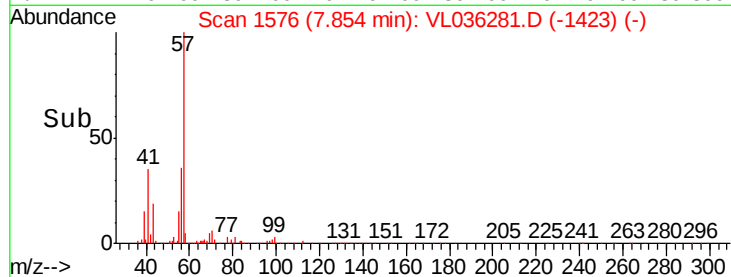
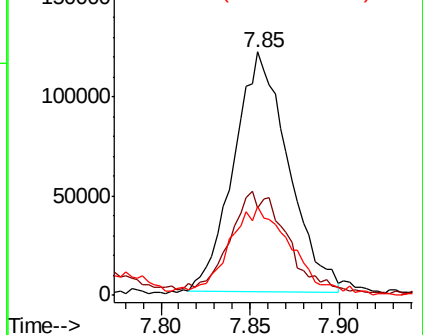
56 42.2 25.5 38.3#



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



#51

2-Hexanone

Concen: 0.051 ppbv

RT: 10.10 min Scan# 2273

Delta R.T. -0.04 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

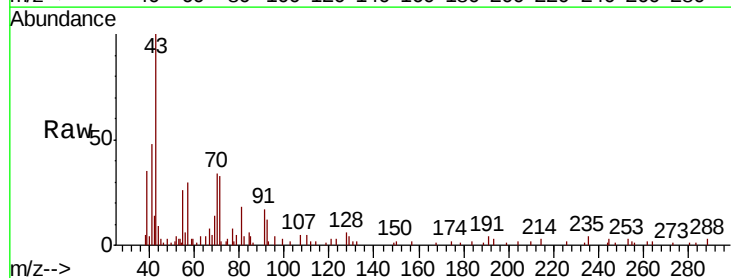
Tgt Ion: 43 Resp: 15521

Ion Ratio Lower Upper

43 100

58 17.9 37.4 56.0#

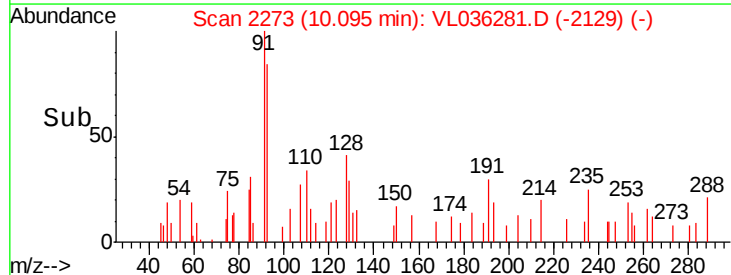
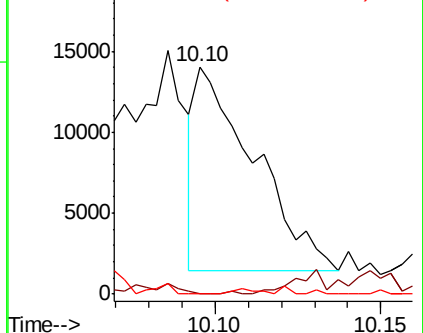
98 2.4 0.2 0.2#

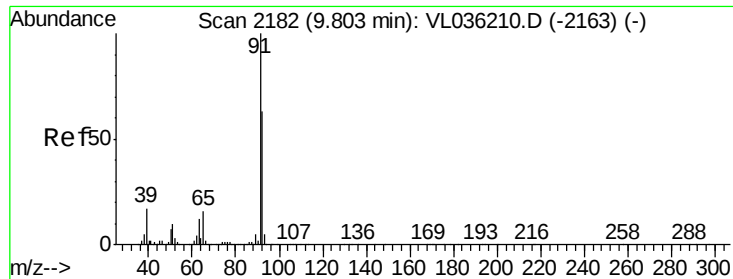


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0





#53

Toluene

Concen: 6.285 ppbv

RT: 9.79 min Scan# 2179

Delta R.T. -0.01 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

Instrument :

MSVOA_L

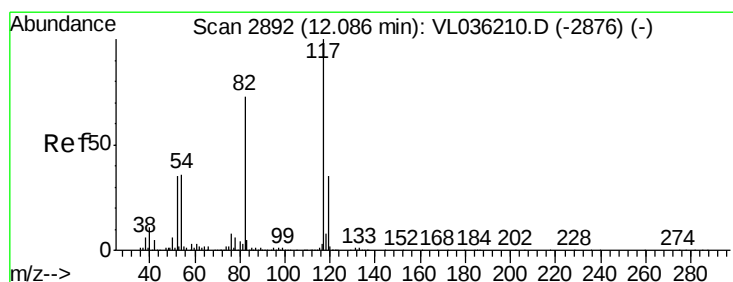
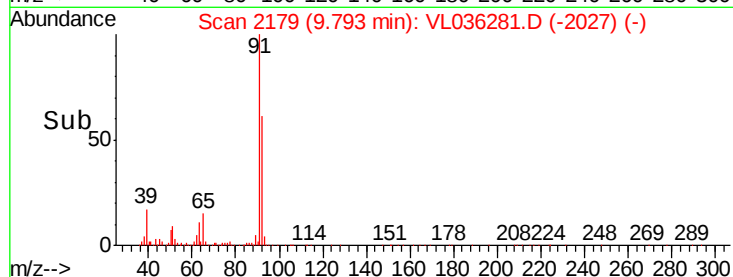
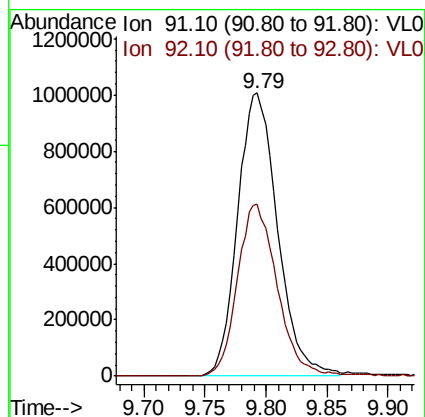
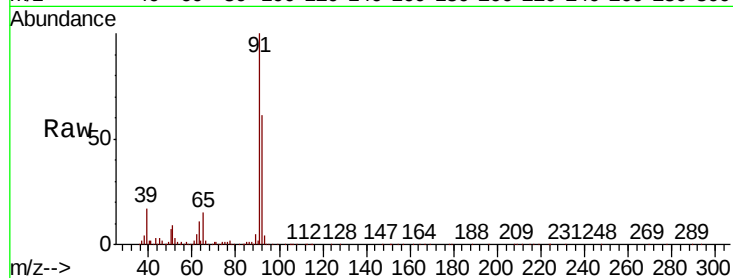
ClientSampleId :

Tot Ion: 91 Resp: 2280363

Ion Ratio Lower Upper

91 100

92 61.0 48.5 72.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. -0.01 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

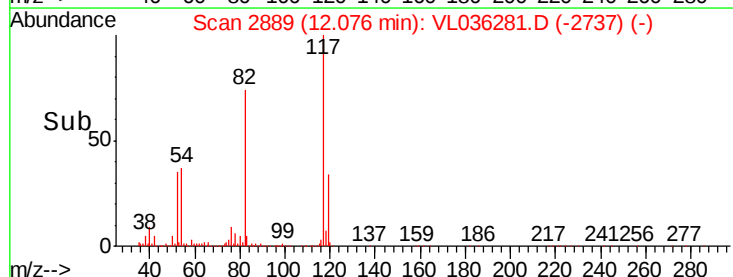
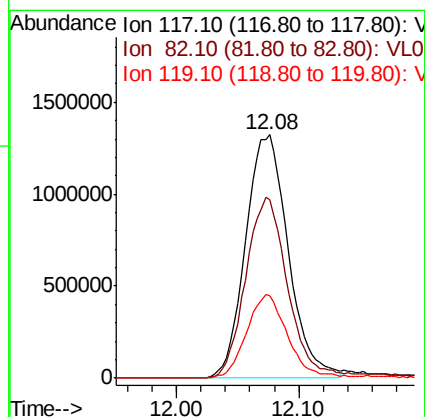
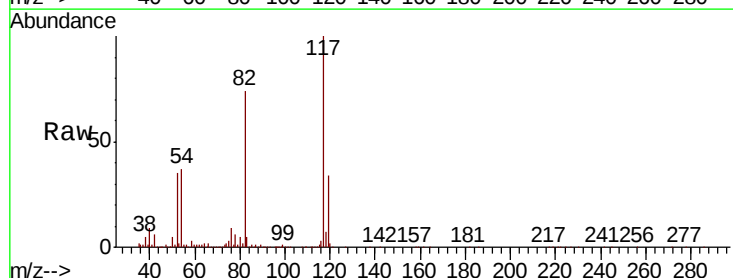
Tgt Ion: 117 Resp: 3200744

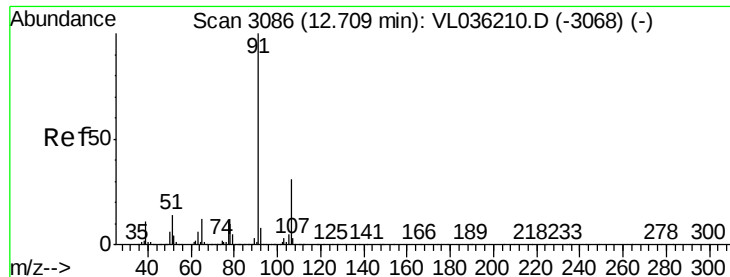
Ion Ratio Lower Upper

117 100

82 76.2 59.7 89.5

119 34.2 28.6 43.0





#58

Ethyl Benzene

Concen: 0.905 ppbv

RT: 12.70 min Scan# 3082

Delta R.T. -0.01 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

Instrument :

MSVOA_L

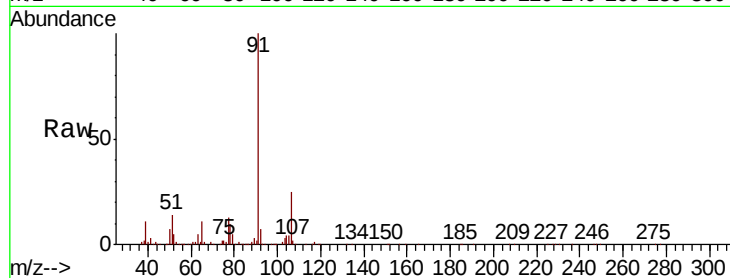
ClientSampleId :

Tot Ion: 91 Resp: 430044

Ion Ratio Lower Upper

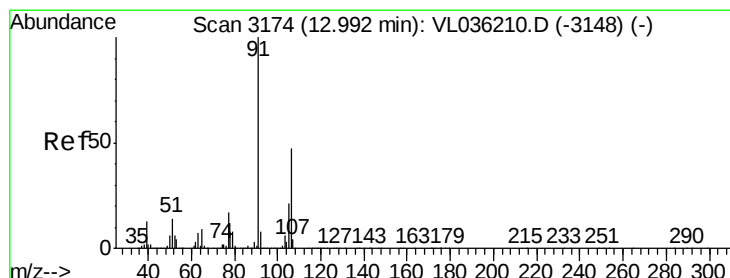
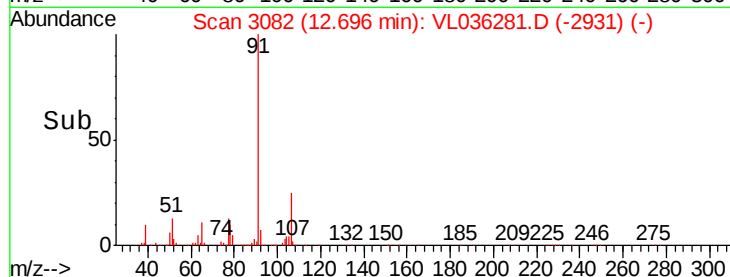
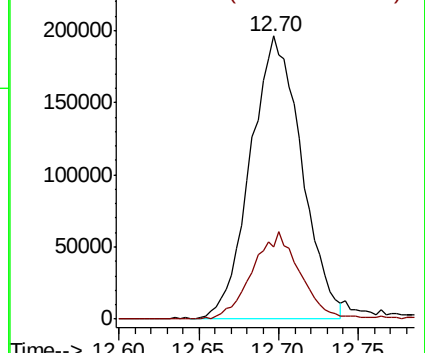
91 100

106 25.4 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 3.498 ppbv

RT: 12.95 min Scan# 3161

Delta R.T. -0.04 min

Lab File: VL036281.D

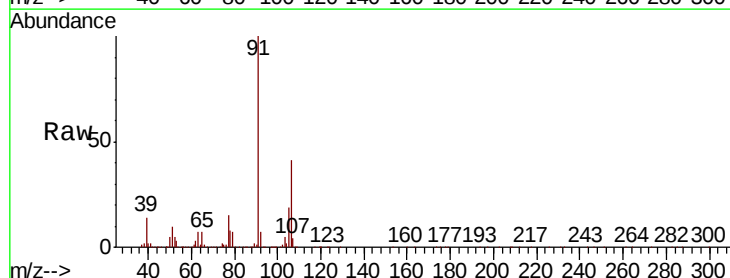
Acq: 28 Jan 2021 21:14

Tgt Ion: 91 Resp: 1427437

Ion Ratio Lower Upper

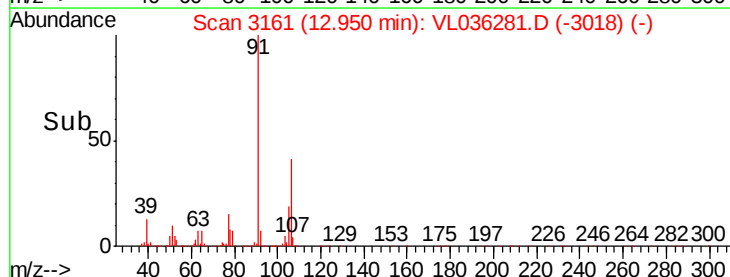
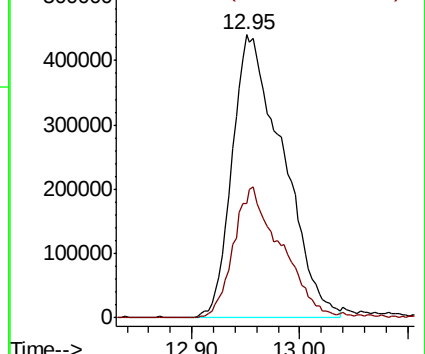
91 100

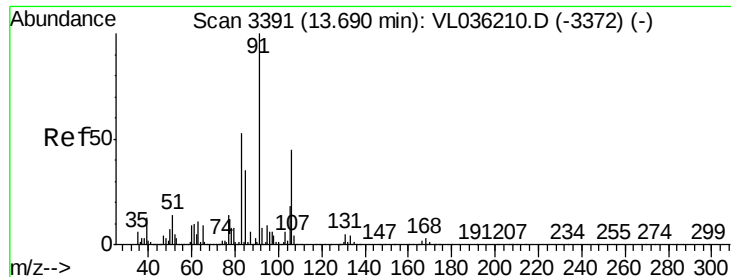
106 44.2 34.6 51.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#60

o-Xylene

Concen: 1.173 ppbv

RT: 13.68 min Scan# 3387

Delta R.T. -0.01 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

Instrument :

MSVOA_L

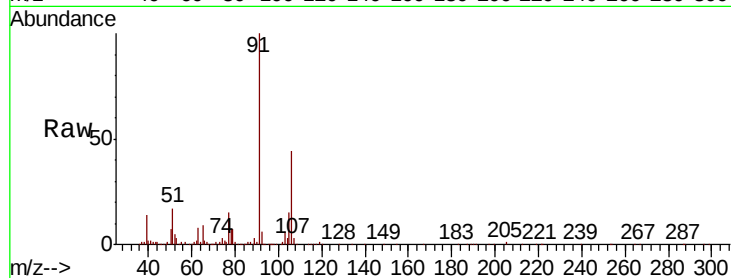
ClientSampleId :

Tot Ion: 91 Resp: 461540

Ion Ratio Lower Upper

91 100

106 43.8 21.9 65.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.68

200000

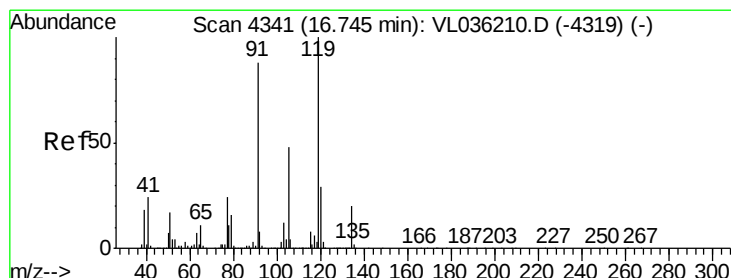
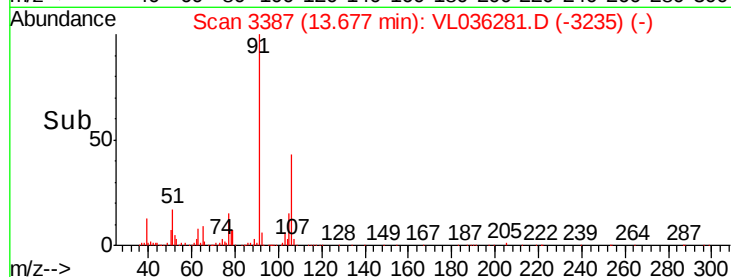
150000

100000

50000

0

Time-->



#65

tert-Butylbenzene

Concen: 0.069 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. 0.01 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

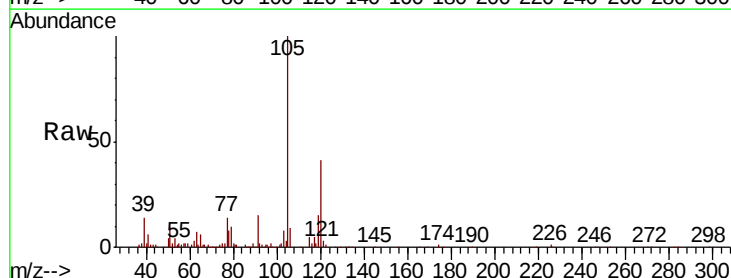
Tgt Ion: 119 Resp: 34364

Ion Ratio Lower Upper

119 100

91 127.4 71.0 106.6#

134 3.9 15.8 23.6#



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

25000

20000

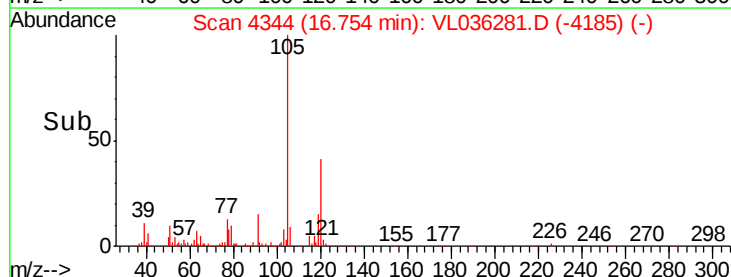
15000

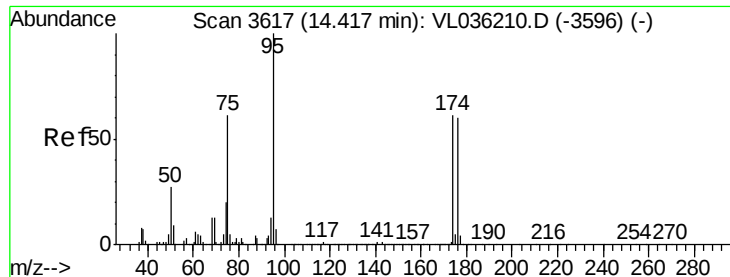
10000

5000

0

Time-->

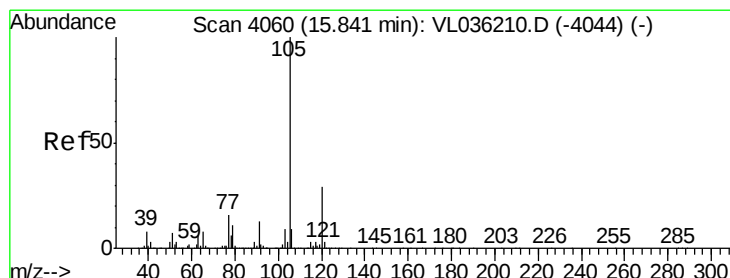
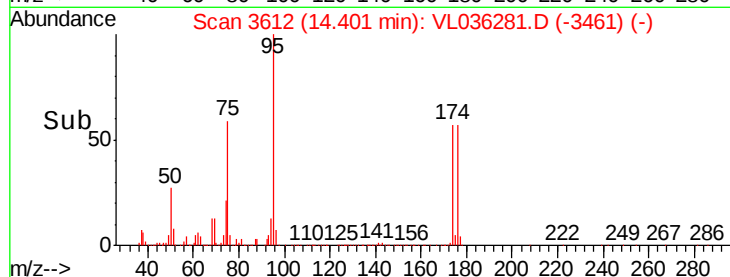
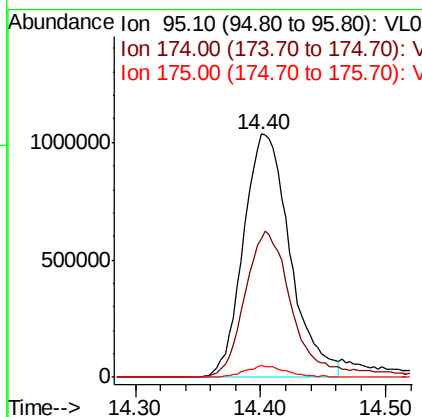
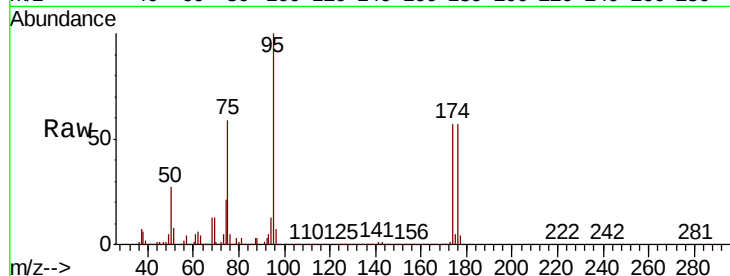




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.139 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.02 min
 Lab File: VL036281.D
 Acq: 28 Jan 2021 21:14

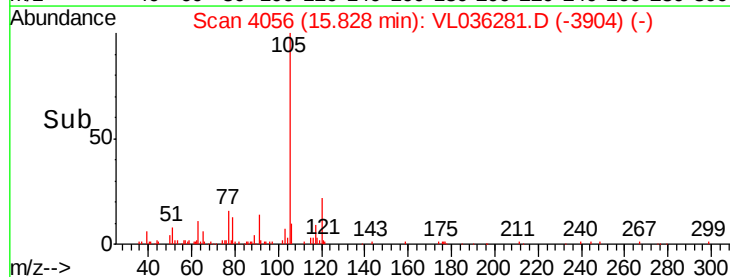
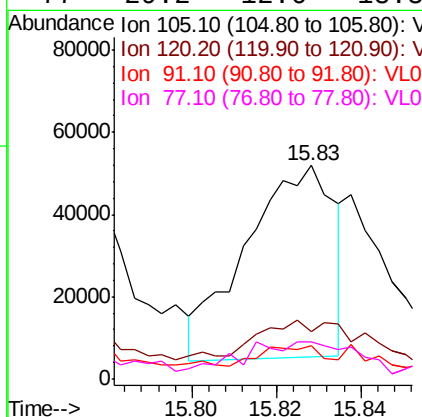
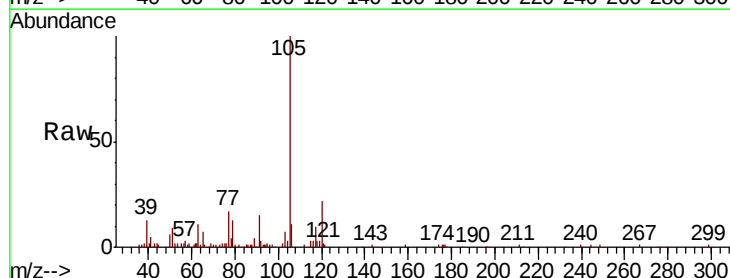
Instrument :
 MSVOA_L
 ClientSampled :

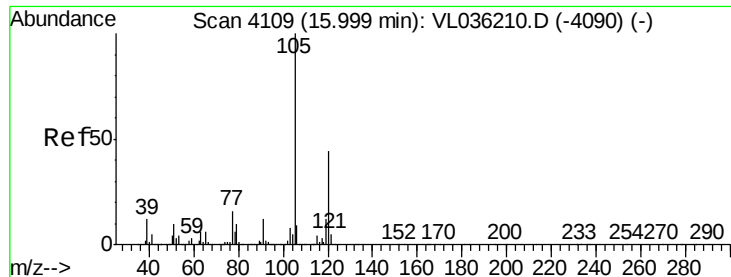
Tot Ion: 95 Resp: 2686224
 Ion Ratio Lower Upper
 95 100
 174 63.8 49.4 74.0
 175 4.3 3.8 5.8



#72
 4-Ethyltoluene
 Concen: 0.153 ppbv
 RT: 15.83 min Scan# 4056
 Delta R.T. -0.01 min
 Lab File: VL036281.D
 Acq: 28 Jan 2021 21:14

Tgt Ion: 105 Resp: 68109
 Ion Ratio Lower Upper
 105 100
 120 56.6 23.7 35.5#
 91 0.0 11.9 17.9#
 77 29.2 12.6 18.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.078 ppbv

RT: 15.99 min Scan# 4106

Delta R.T. -0.01 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

Instrument :

MSVOA_L

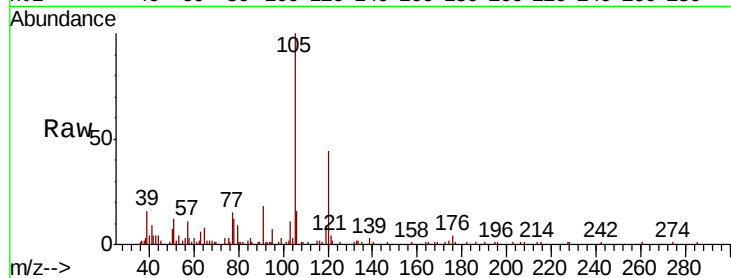
ClientSampleId :

Tot Ion:105 Resp: 32894

Ion Ratio Lower Upper

105 100

120 44.0 35.5 53.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.99

30000

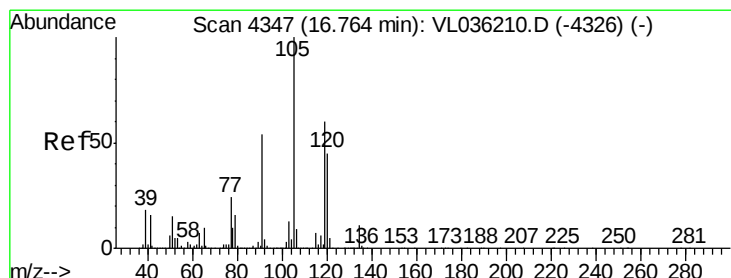
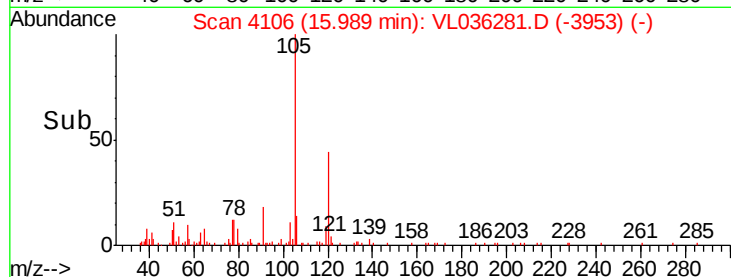
20000

10000

0

15.98 16.00 16.02

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 0.388 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL036281.D

Acq: 28 Jan 2021 21:14

Tgt Ion:105 Resp: 168570

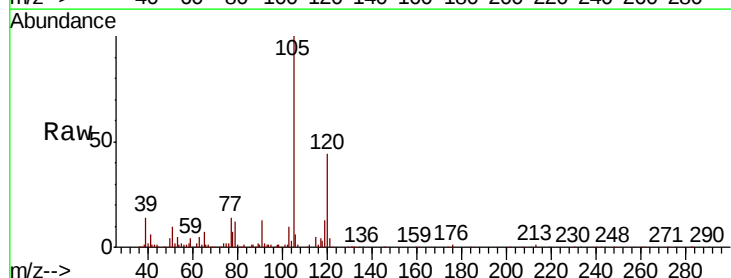
Ion Ratio Lower Upper

105 100

120 43.8 36.2 54.2

91 12.6 43.3 64.9#

77 13.6 19.1 28.7#



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

150000

100000

50000

0

16.70 16.75

Time-->

