

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036488.D
 Acq On : 25 Mar 2021 16:12
 Operator :
 Sample : M1801-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 26 03:51:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1480481	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3636101	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3303348	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2640214	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

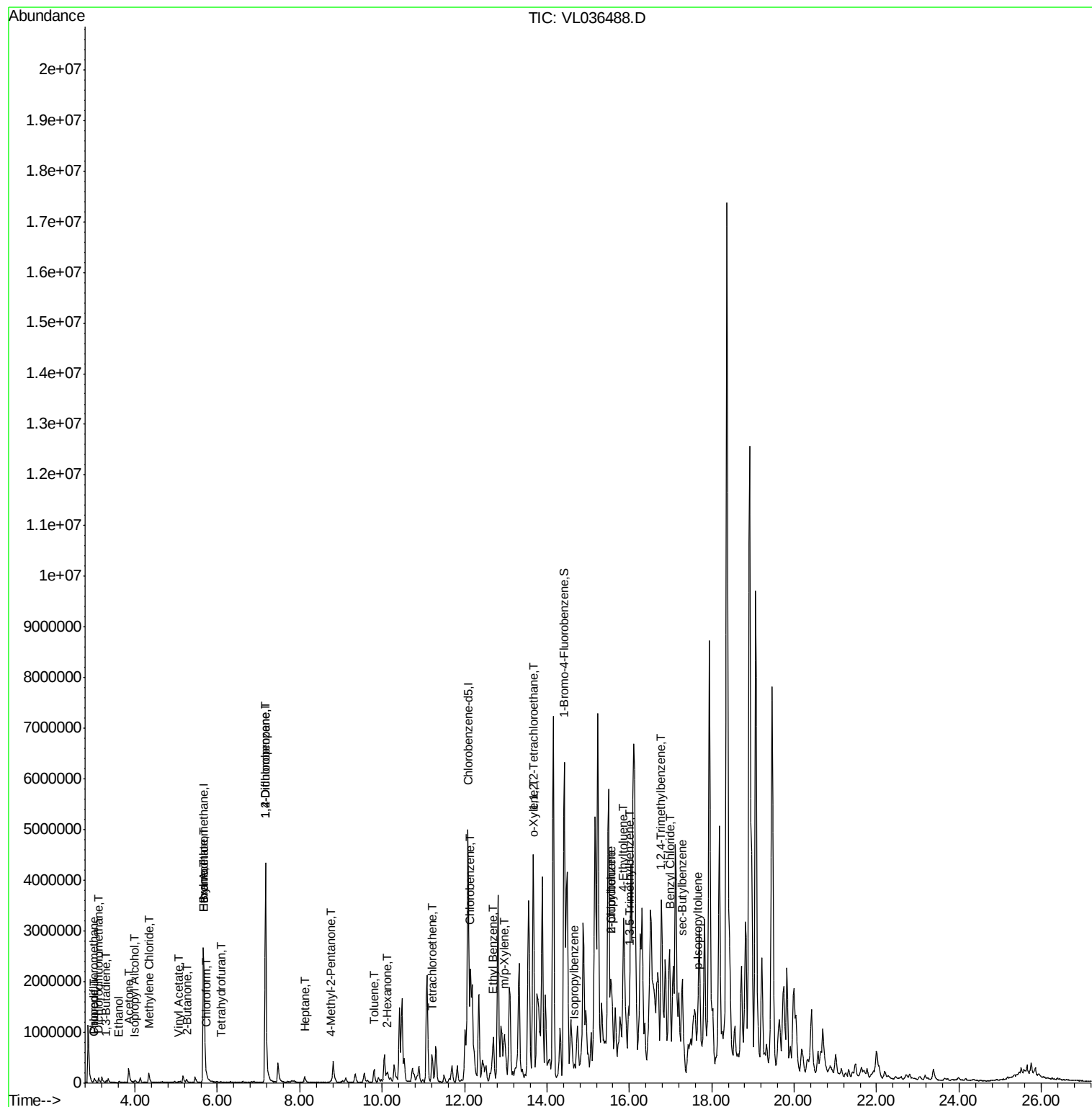
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.12	85	8406	0.035	ppbv	98
3) Chlorodifluoromethane	2.99	51	13957	0.050	ppbv	97
9) Propene	3.01	41	24939	0.283	ppbv	95
10) Heptane	8.12	43	44938	0.200	ppbv #	84
13) Ethanol	3.61	45	24226	2.307	ppbv	85
15) Acetone	3.85	43	337240	2.314	ppbv #	83
16) 1,3-Butadiene	3.31	39	2037	0.020	ppbv #	13
19) Isopropyl Alcohol	3.98	45	4458	0.056	ppbv #	89
20) Methylene Chloride	4.34	84	76832	1.126	ppbv	94
23) Vinyl Acetate	5.07	43	5032	0.020	ppbv #	88
25) Ethyl Acetate	5.68	43	294091	0.849	ppbv #	78
26) Hexane	5.68	57	383133	2.383	ppbv #	46
29) Chloroform	5.74	83	11538	0.045	ppbv	96
34) 2-Butanone	5.25	43	50004	0.282	ppbv #	36
39) 1,2-Dichloropropane	7.17	63	977460	7.185	ppbv #	24
41) Tetrahydrofuran	6.08	42	4051	0.050	ppbv #	78
50) 4-Methyl-2-Pentanone	8.74	43	6259	0.024	ppbv #	40
51) 2-Hexanone	10.13	43	99146	0.765	ppbv #	30
52) Tetrachloroethene	11.22	164	55145	0.447	ppbv	94
53) Toluene	9.80	91	103736	0.290	ppbv #	20
57) Chlorobenzene	12.15	112	26472	0.094	ppbv #	42
58) Ethyl Benzene	12.71	91	287259	0.598	ppbv	98
59) m/p-Xylene	12.97	91	618873	1.476	ppbv	93
60) o-Xylene	13.69	91	278171	0.686	ppbv	100
62) Isopropylbenzene	14.66	105	51686	0.095	ppbv #	37
63) 1,1,2,2-Tetrachloroethane	13.66	83	141093	0.456	ppbv #	53
64) n-propylbenzene	15.56	120	41955	0.314	ppbv #	4
66) Benzyl Chloride	16.99	91	1243	0.024	ppbv #	44
67) sec-Butylbenzene	17.29	105	57542	0.086	ppbv #	57
69) p-Isopropyltoluene	17.65	119	17857	0.034	ppbv #	68
71) 2-Chlorotoluene	15.56	91	285143	0.697	ppbv #	64
72) 4-Ethyltoluene	15.84	105	111092	0.250	ppbv #	55
73) 1,3,5-Trimethylbenzene	16.00	105	149437	0.361	ppbv	92
74) 1,2,4-Trimethylbenzene	16.76	105	194188	0.438	ppbv #	66

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

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Instrument :
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ClientSampleId :

Quant Time: Mar 26 03:51:15 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 16:12

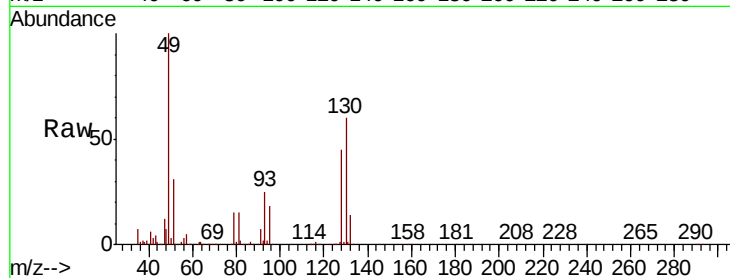
Tot Ion: 49 Resp: 1480481

Ion Ratio Lower Upper

49 100

128 47.2 23.5 70.6

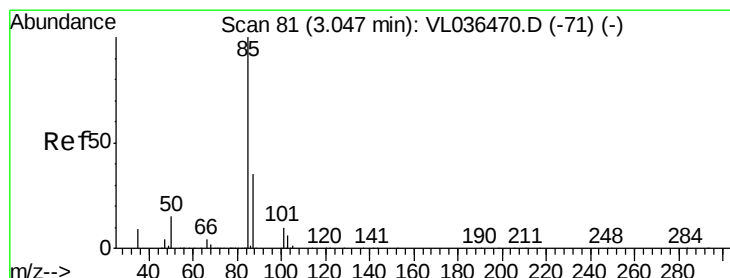
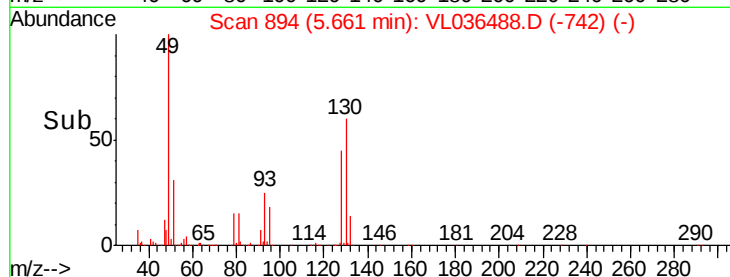
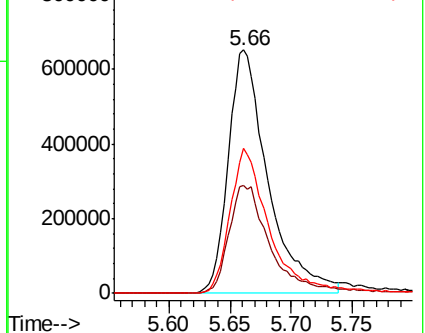
130 60.3 29.1 87.4



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: 0.035 ppbv

RT: 3.12 min Scan# 103

Delta R.T. 0.07 min

Lab File: VL036488.D

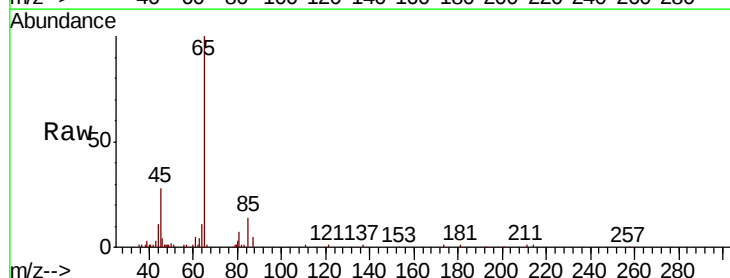
Acq: 25 Mar 2021 16:12

Tgt Ion: 85 Resp: 8406

Ion Ratio Lower Upper

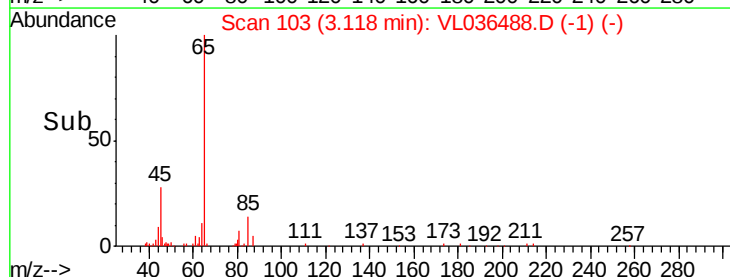
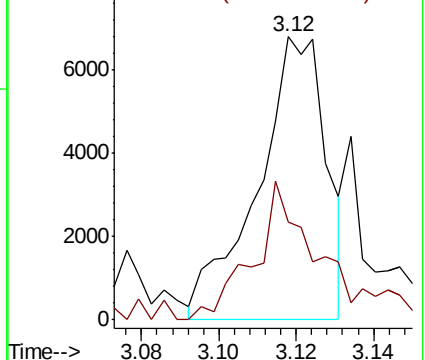
85 100

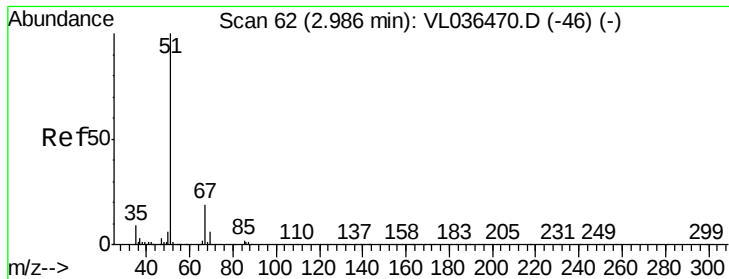
87 36.2 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.050 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

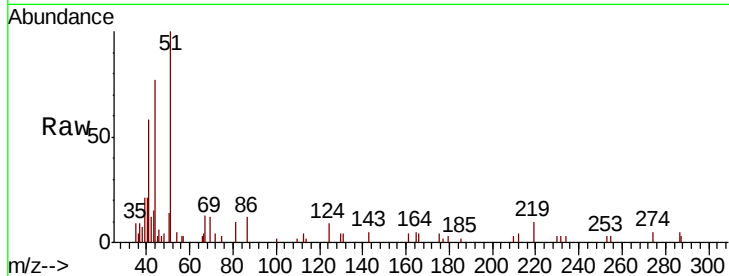
Acq: 25 Mar 2021 16:12

Tot Ion: 51 Resp: 13957

Ion Ratio Lower Upper

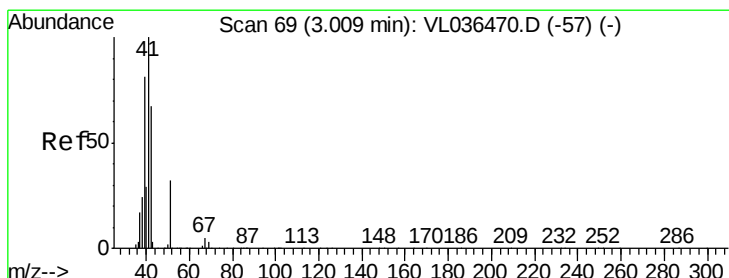
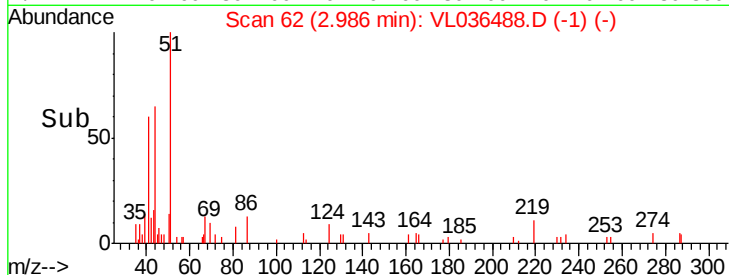
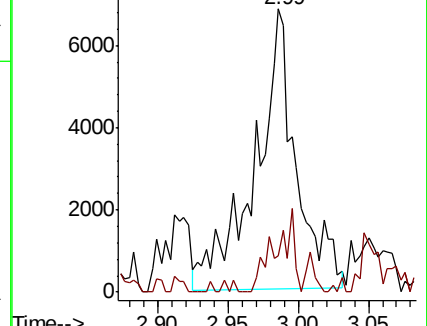
51 100

67 17.2 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#9

Propene

Concen: 0.283 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL036488.D

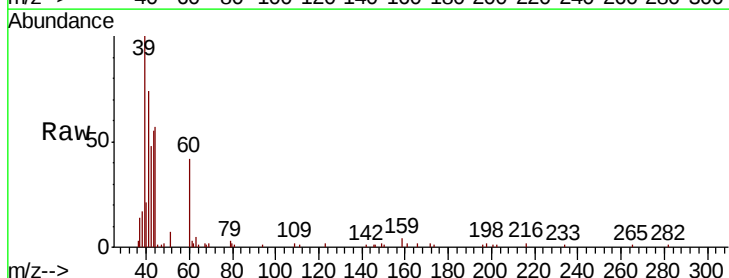
Acq: 25 Mar 2021 16:12

Tgt Ion: 41 Resp: 24939

Ion Ratio Lower Upper

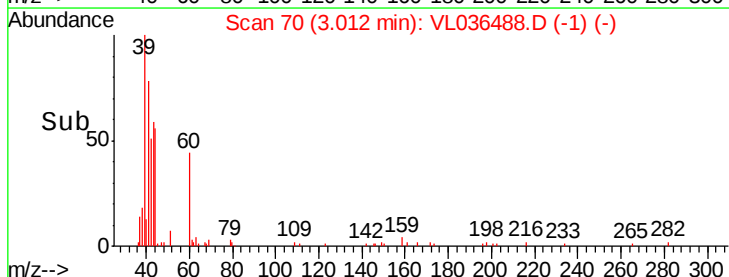
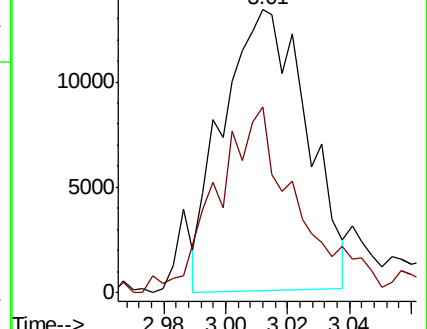
41 100

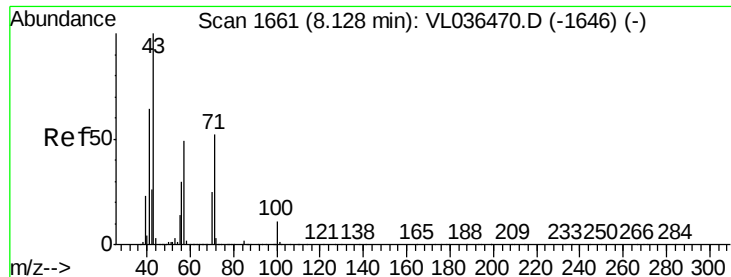
42 66.7 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

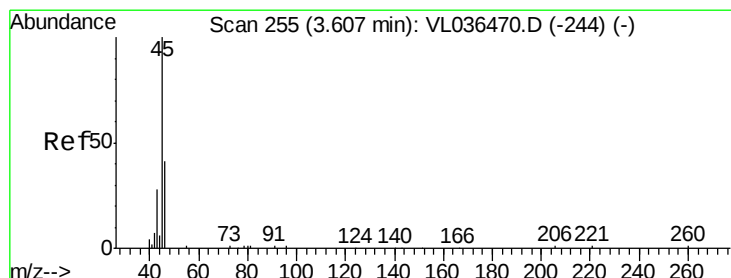
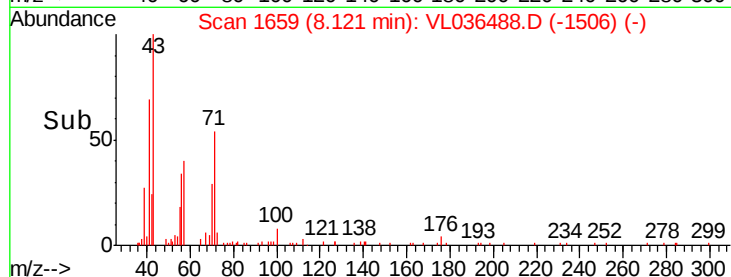
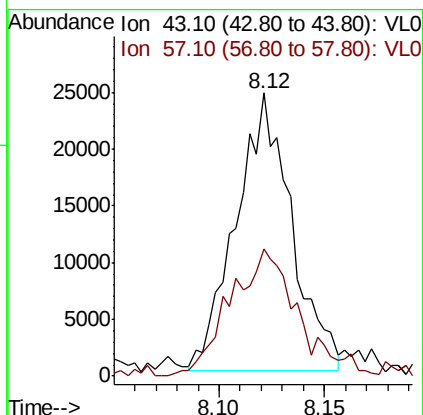
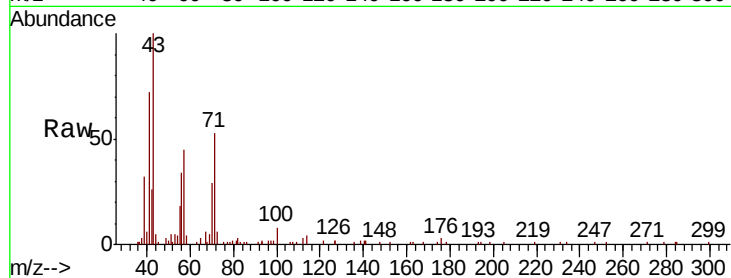
Ion 42.10 (41.80 to 42.80): VL0





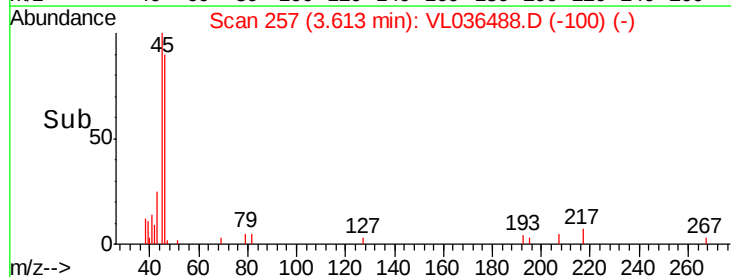
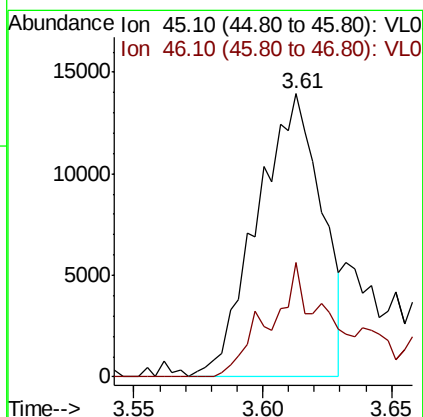
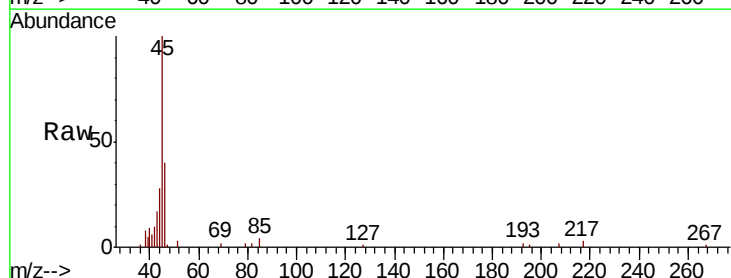
#10
 Heptane
 Concen: 0.200 ppbv
 RT: 8.12
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 16:12

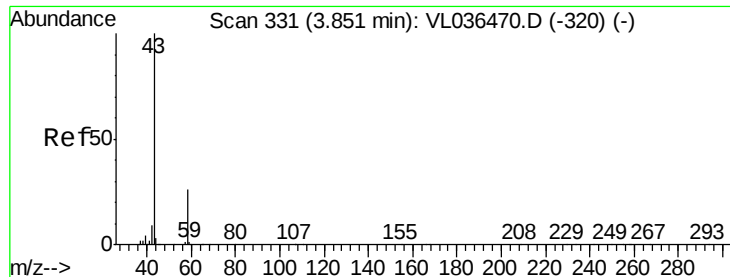
Tot Ion: 43 Resp: 44938
 Ion Ratio Lower Upper
 43 100
 57 59.7 39.0 58.6#



#13
 Ethanol
 Concen: 2.307 ppbv
 RT: 3.61 min Scan# 257
 Delta R.T.: 0.01 min
 Lab File: VL036488.D
 Acq: 25 Mar 2021 16:12

Tgt Ion: 45 Resp: 24226
 Ion Ratio Lower Upper
 45 100
 46 50.9 16.6 66.2





#15

Acetone

Concen: 2.314 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

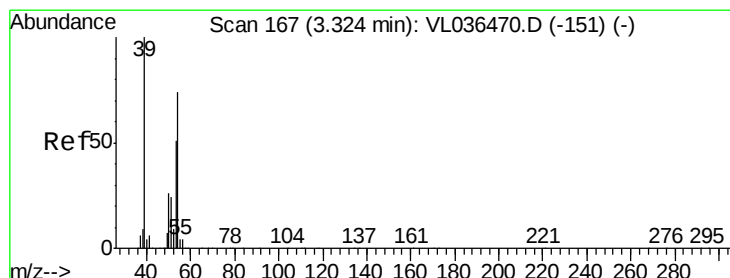
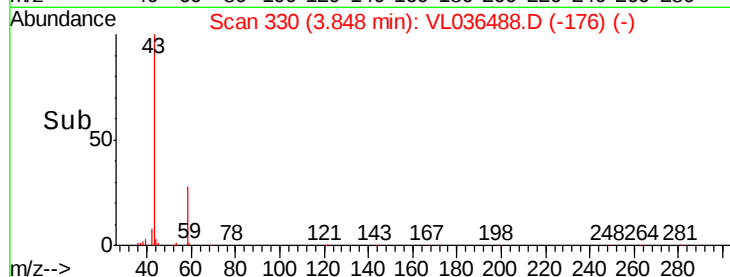
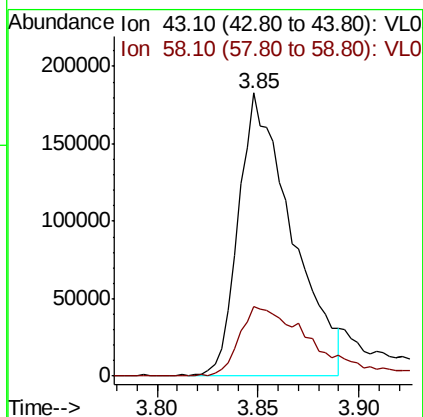
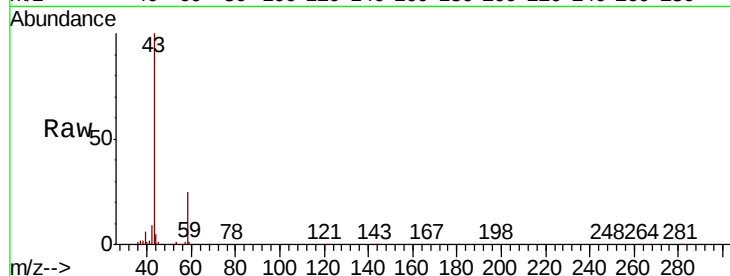
Acq: 25 Mar 2021 16:12

Tot Ion: 43 Resp: 337240

Ion Ratio Lower Upper

43 100

58 35.4 21.2 31.8#



#16

1,3-Butadiene

Concen: 0.020 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.01 min

Lab File: VL036488.D

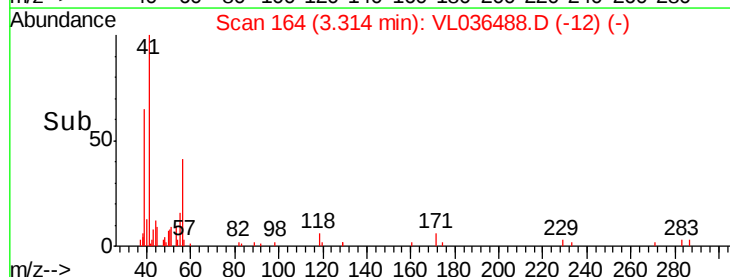
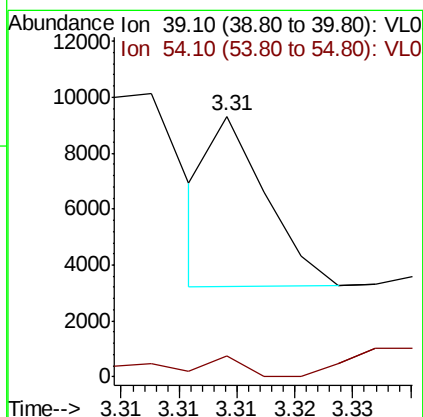
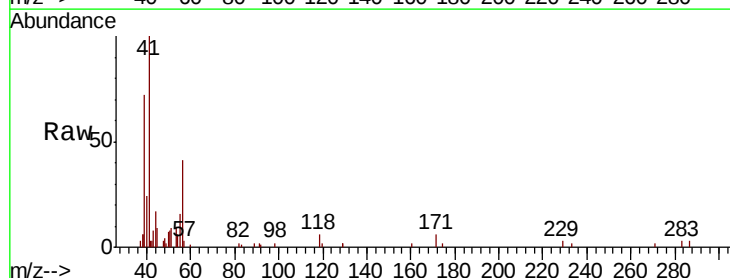
Acq: 25 Mar 2021 16:12

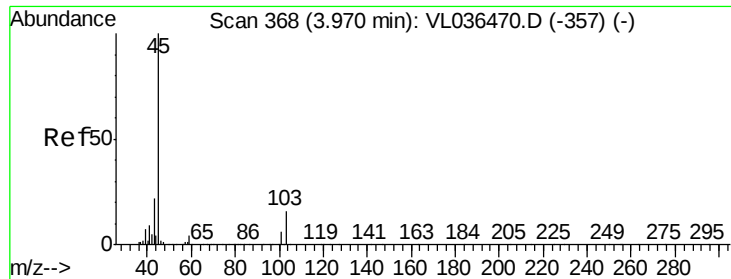
Tgt Ion: 39 Resp: 2037

Ion Ratio Lower Upper

39 100

54 0.0 58.8 88.2#





#19

Isopropyl Alcohol

Concen: 0.056 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

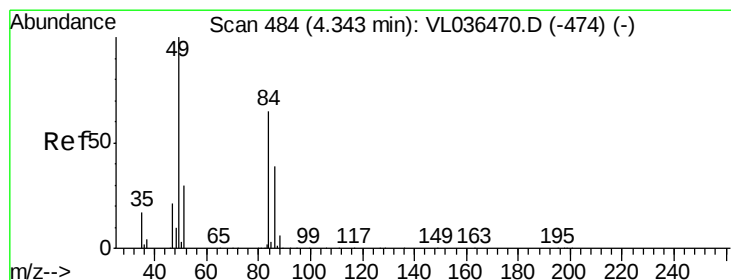
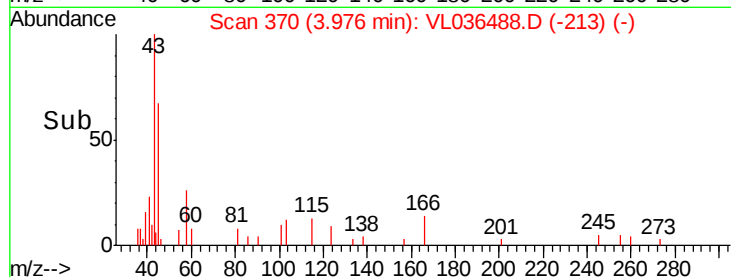
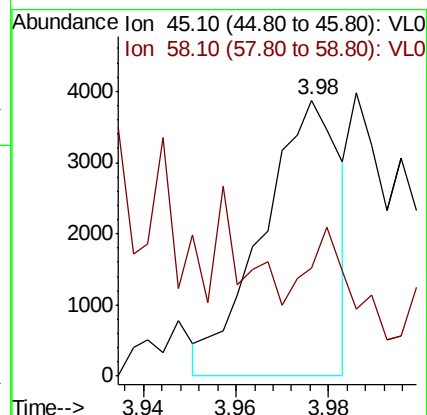
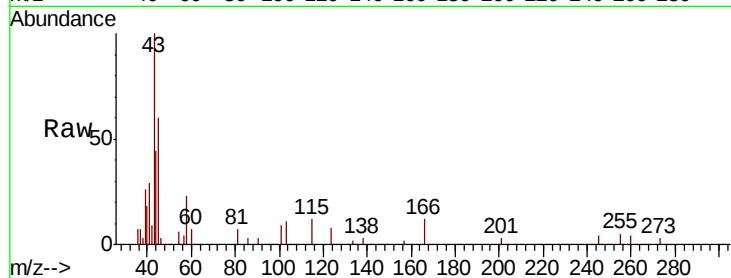
Acq: 25 Mar 2021 16:12

Tot Ion: 45 Resp: 4458

Ion Ratio Lower Upper

45 100

58 0.0 2.9 4.3#



#20

Methylene Chloride

Concen: 1.126 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL036488.D

Acq: 25 Mar 2021 16:12

Tgt Ion: 84 Resp: 76832

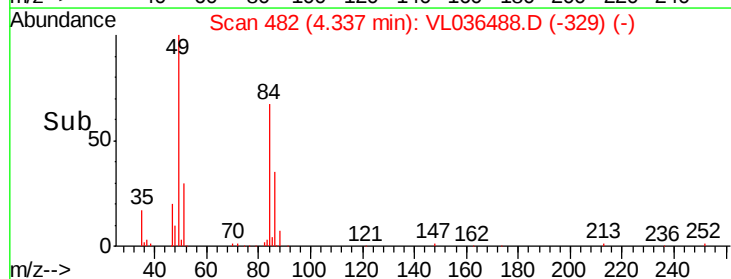
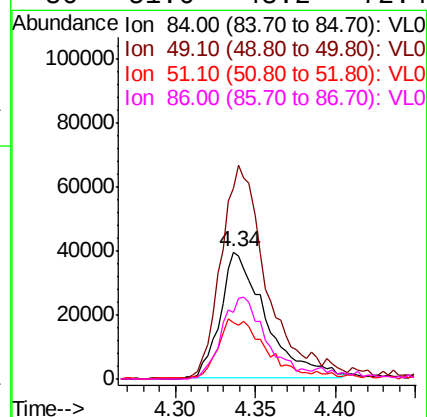
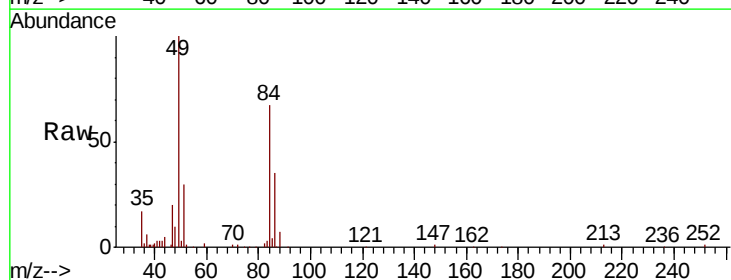
Ion Ratio Lower Upper

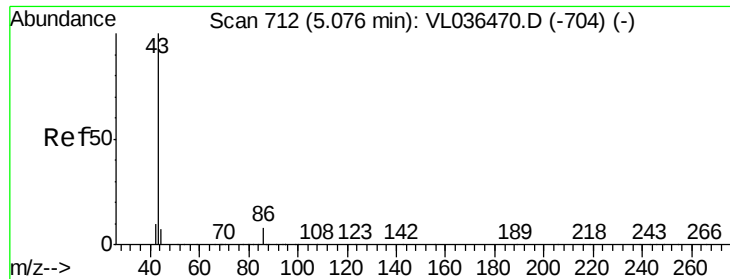
84 100

49 148.0 122.9 184.3

51 43.5 36.9 55.3

86 51.6 48.2 72.4





#23

Vinyl Acetate

Concen: 0.020 ppbv

RT: 5.07 Instrument:

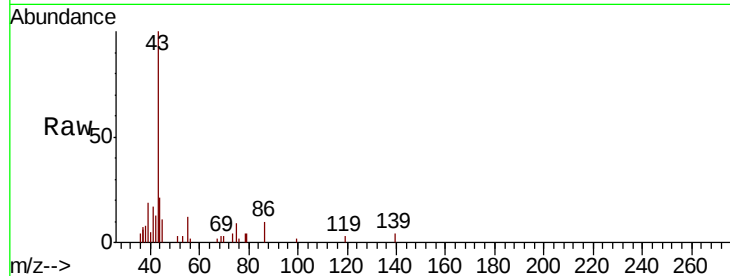
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 16:12

Tot Ion: 43 Resp: 5032

Ion	Ratio	Lower	Upper
43	100		
86	8.2	5.4	8.0#
42	4.9	8.5	12.7#
44	0.7	4.6	7.0#

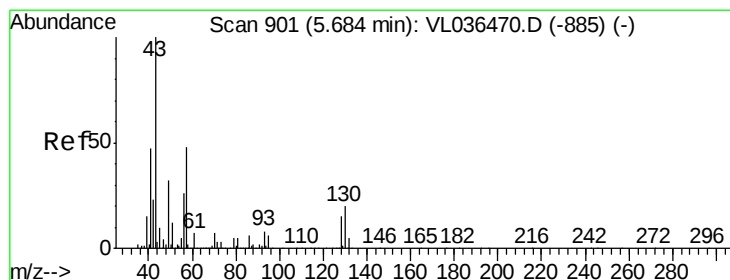
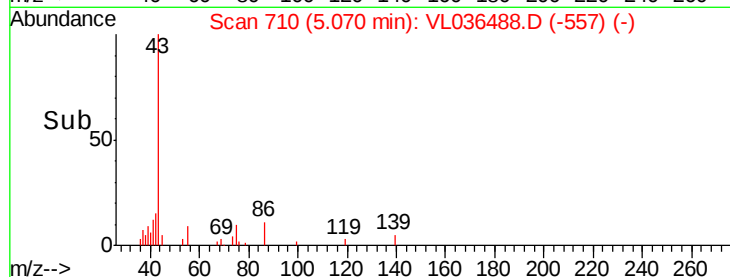
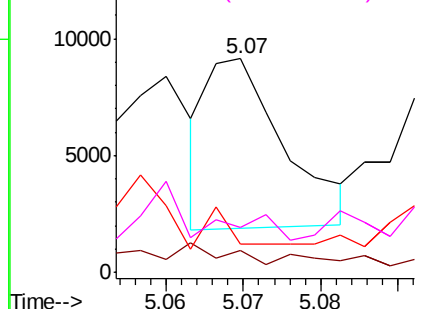


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.849 ppbv

RT: 5.68 min Scan# 900

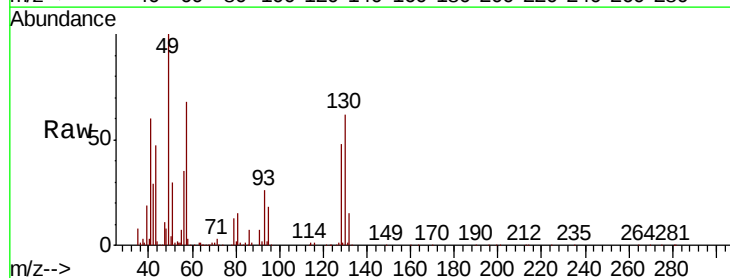
Delta R.T. -0.00 min

Lab File: VL036488.D

Acq: 25 Mar 2021 16:12

Tgt Ion: 43 Resp: 294091

Ion	Ratio	Lower	Upper
43	100		
45	1.3	7.9	11.9#
61	0.2	7.4	11.2#
70	1.5	5.1	7.7#

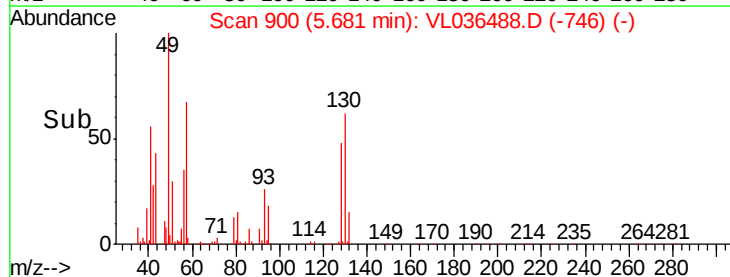
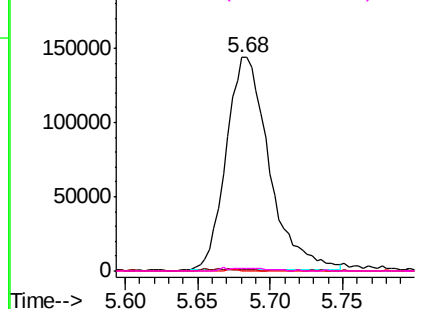


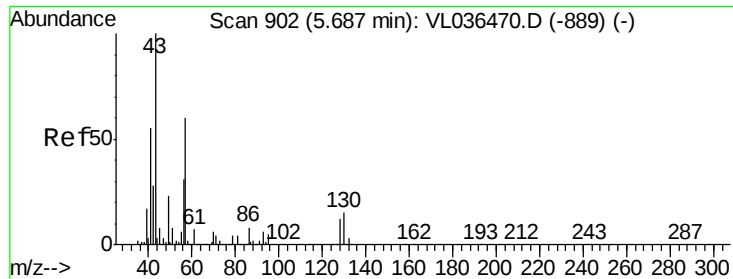
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

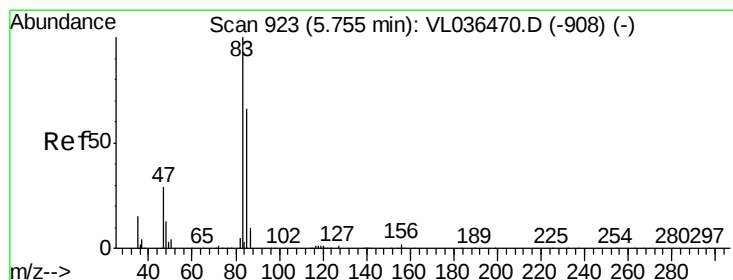
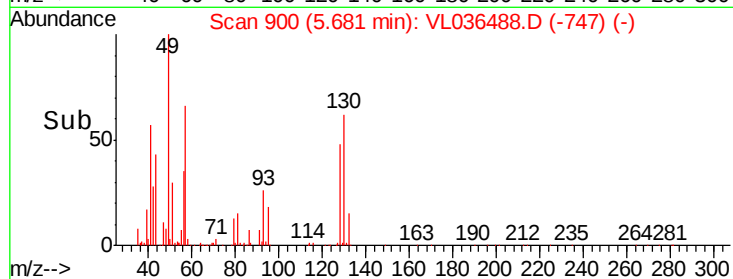
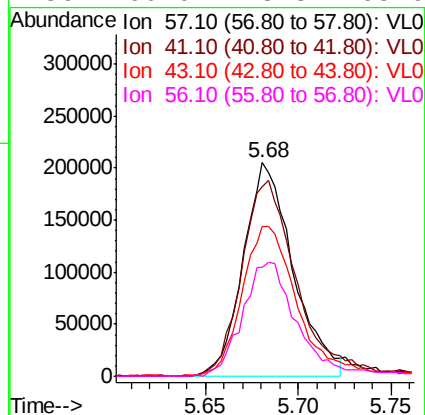
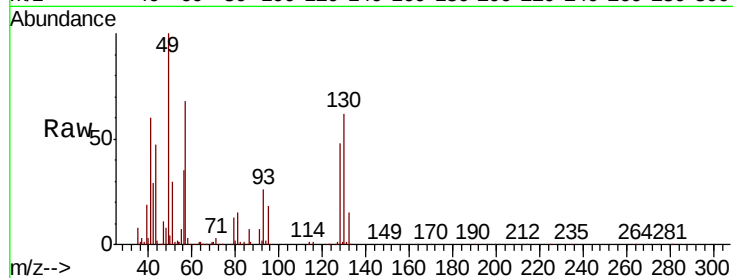
Ion 70.10 (69.80 to 70.80): VL0





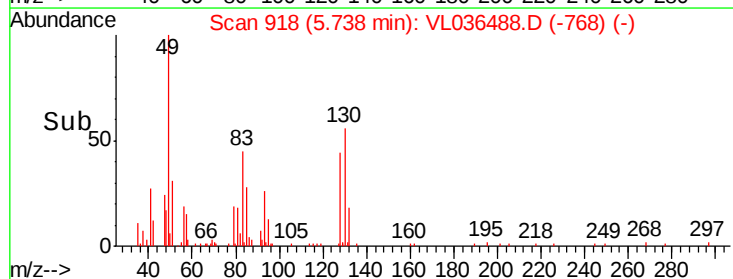
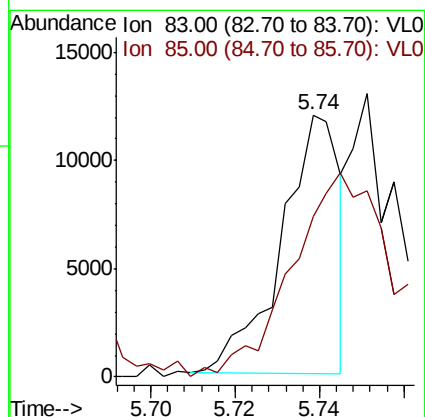
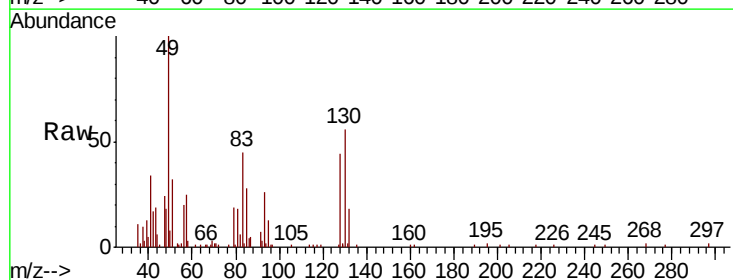
#26
Hexane
Concen: 2.383 ppbv
RT: 5.68
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 16:12

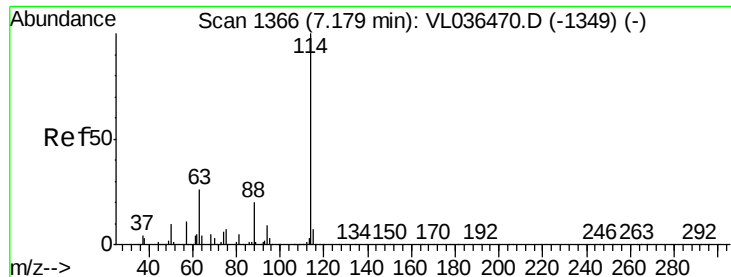
Tot Ion	57	Resp	383133
Ion	Ratio	Lower	Upper
57	100		
41	104.2	77.2	115.8
43	79.5	173.8	260.6#
56	60.0	43.8	65.6



#29
Chloroform
Concen: 0.045 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.02 min
Lab File: VL036488.D
Acq: 25 Mar 2021 16:12

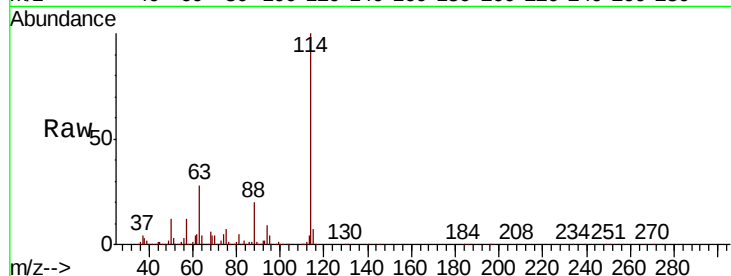
Tgt Ion	83	Resp	11538
Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.6	78.8



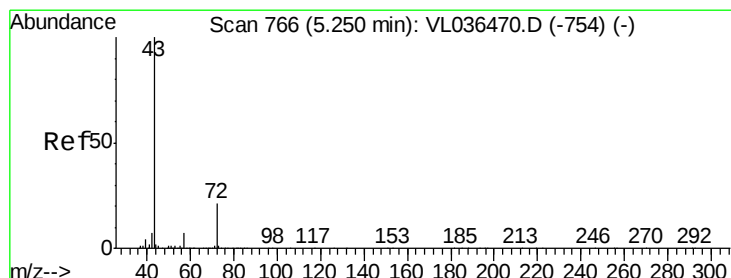
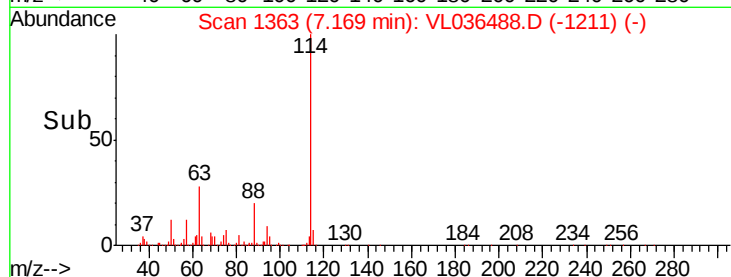
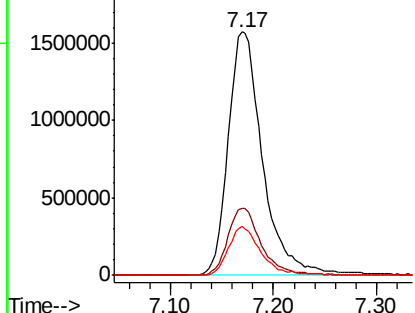


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 16:12

Tot Ion:114 Resp: 3636101
 Ion Ratio Lower Upper
 114 100
 63 27.3 22.4 33.6
 88 19.4 15.4 23.0

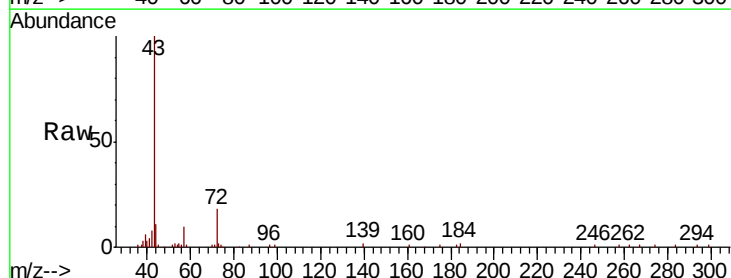


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

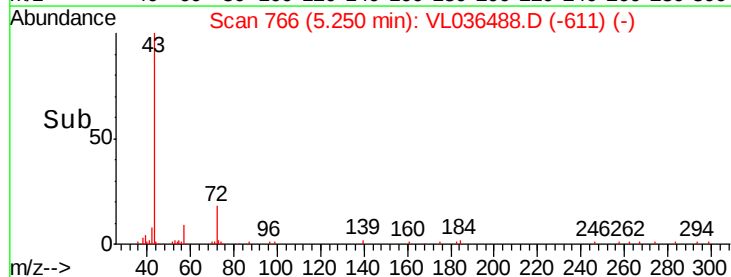
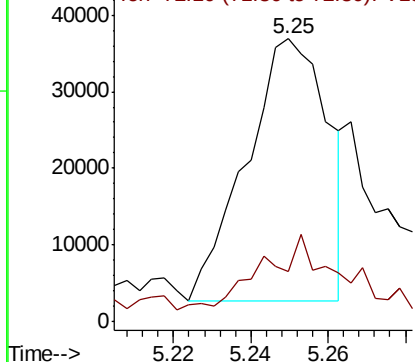


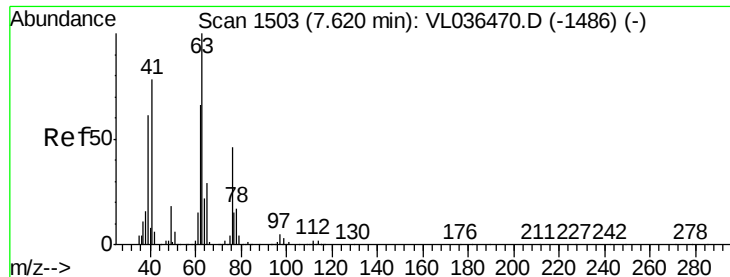
#34
 2-Butanone
 Concen: 0.282 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VL036488.D
 Acq: 25 Mar 2021 16:12

Tgt Ion: 43 Resp: 50004
 Ion Ratio Lower Upper
 43 100
 72 51.6 17.0 25.6#



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





#39

1,2-Dichloropropane

Concen: 7.185 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 16:12

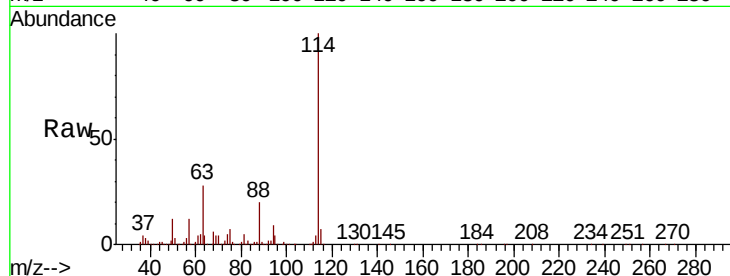
Tot Ion: 63 Resp: 977460

Ion Ratio Lower Upper

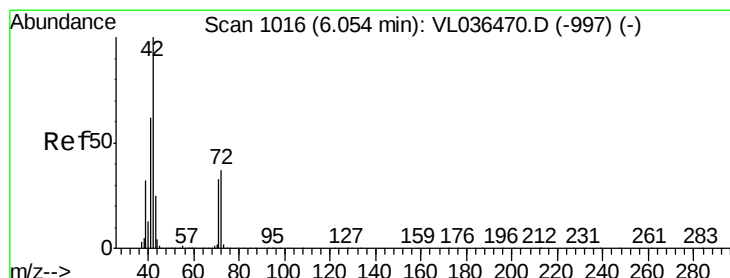
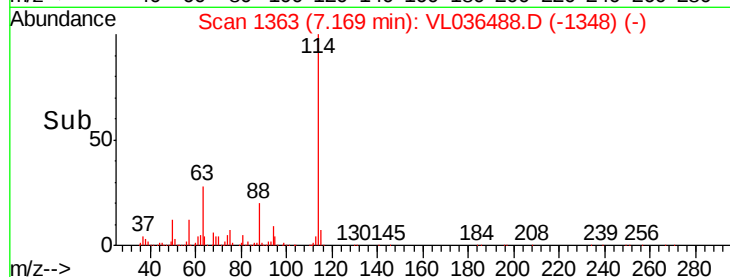
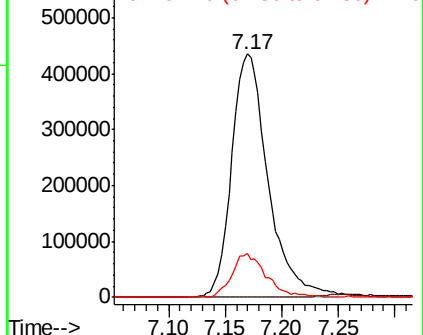
63 100

41 0.0 62.4 93.6#

62 17.8 52.8 79.2#



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



#41

Tetrahydrofuran

Concen: 0.050 ppbv

RT: 6.08 min Scan# 1023

Delta R.T. 0.02 min

Lab File: VL036488.D

Acq: 25 Mar 2021 16:12

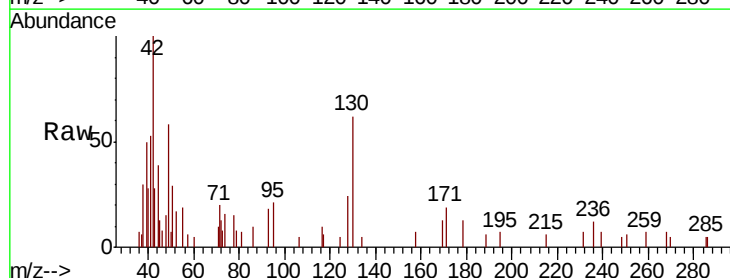
Tgt Ion: 42 Resp: 4051

Ion Ratio Lower Upper

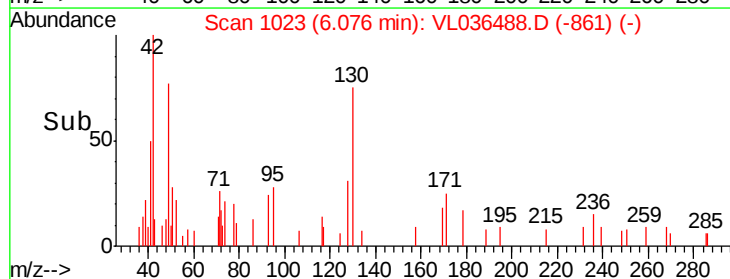
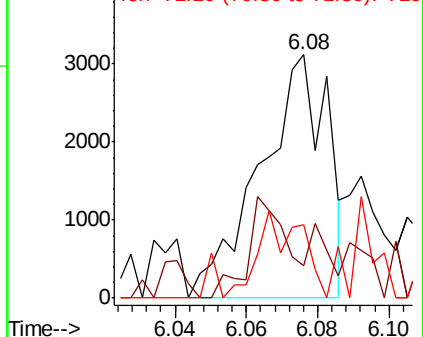
42 100

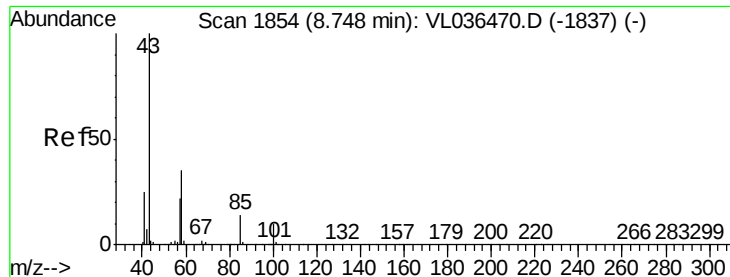
72 53.9 27.6 41.4#

71 39.8 27.0 40.4



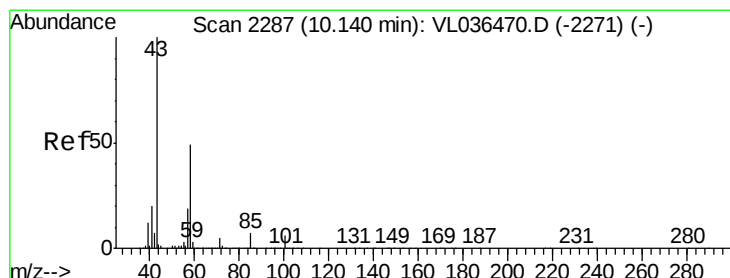
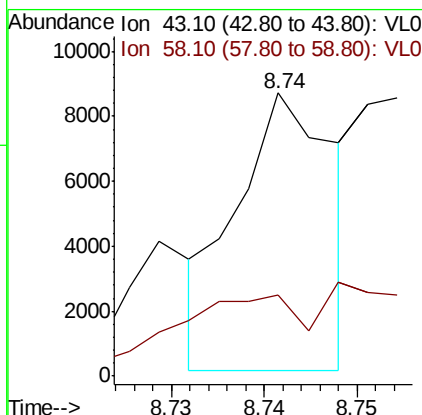
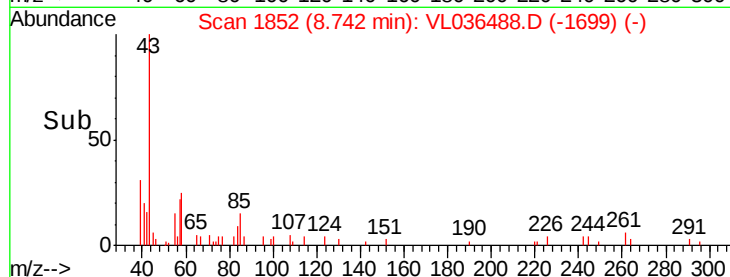
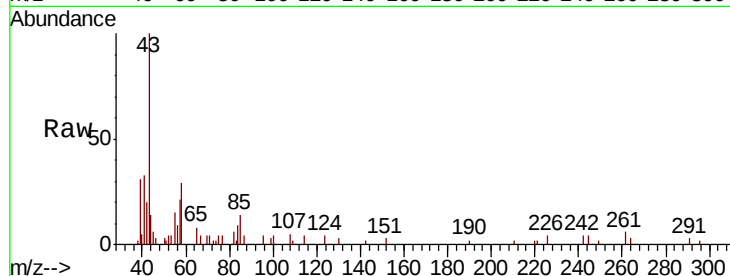
Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0





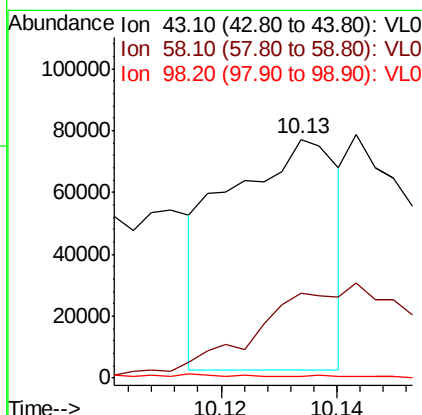
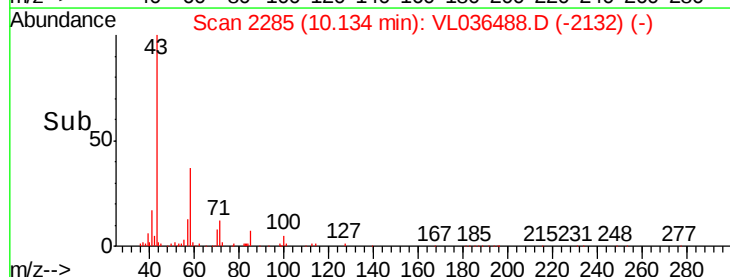
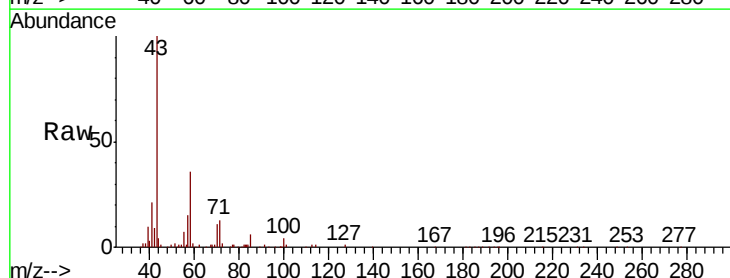
#50
 4-Methyl-2-Pentanone
 Concen: 0.024 ppbv
 RT: 8.74 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 16:12

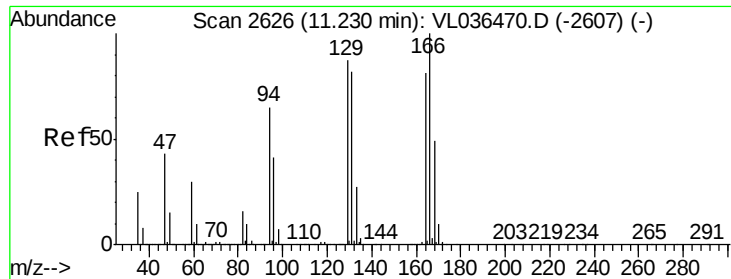
Tot Ion: 43 Resp: 6259
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.2 42.2#



#51
 2-Hexanone
 Concen: 0.765 ppbv
 RT: 10.13 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: VL036488.D
 Acq: 25 Mar 2021 16:12

Tgt Ion: 43 Resp: 99146
 Ion Ratio Lower Upper
 43 100
 58 0.0 37.7 56.5#
 98 0.0 0.2 0.2#





#52

Tetrachloroethene

Concen: 0.447 ppbv

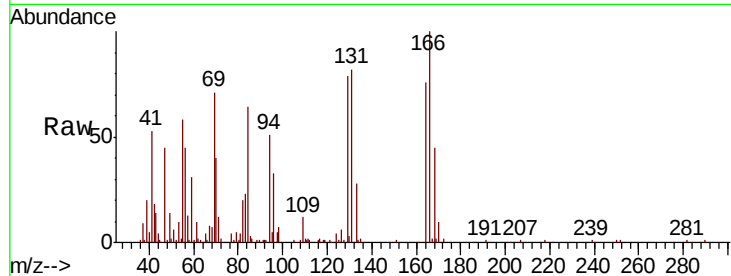
RT: 11.22

Delta R.T. MSVOA_L

Lab File:

Acq: 25 Mar 2021 16:12

Tot Ion:	164	Resp:	55145
Ion	Ratio	Lower	Upper
164	100		
166	131.9	98.3	147.5
129	104.8	85.8	128.8
131	108.5	80.9	121.3

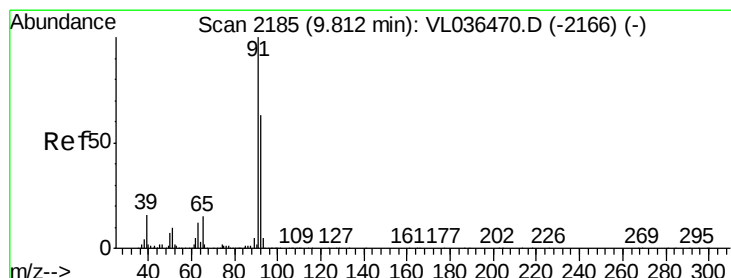
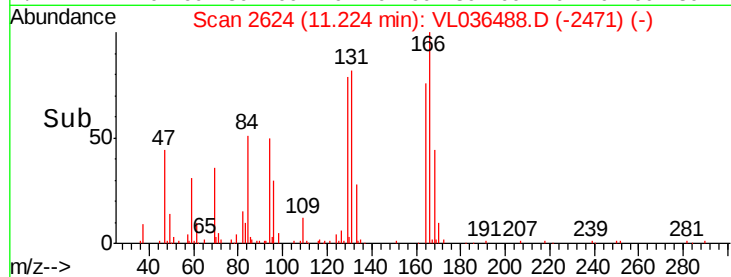
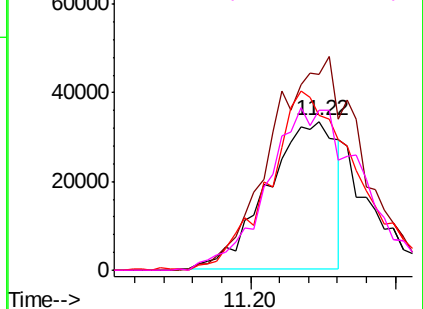


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.290 ppbv

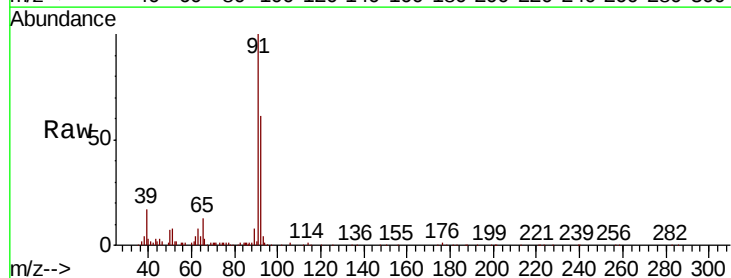
RT: 9.80 min Scan# 2181

Delta R.T. -0.01 min

Lab File: VL036488.D

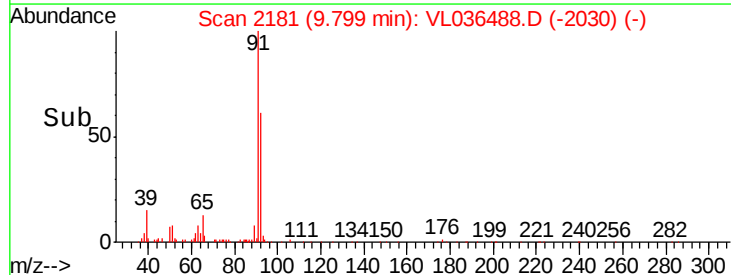
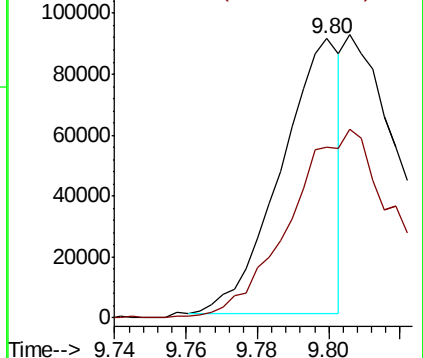
Acq: 25 Mar 2021 16:12

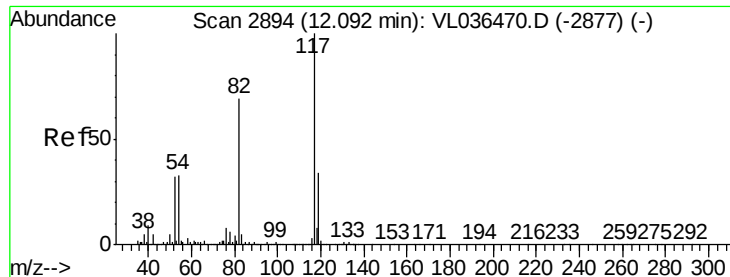
Tgt Ion:	91	Resp:	103736
Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.8	73.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

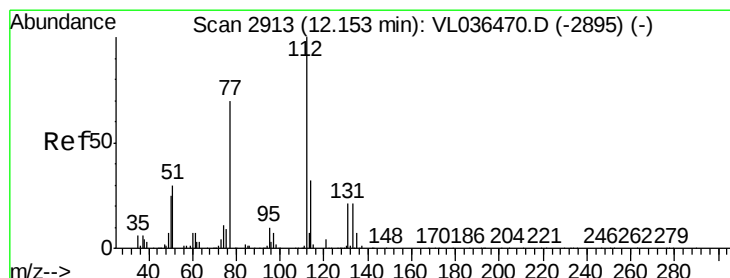
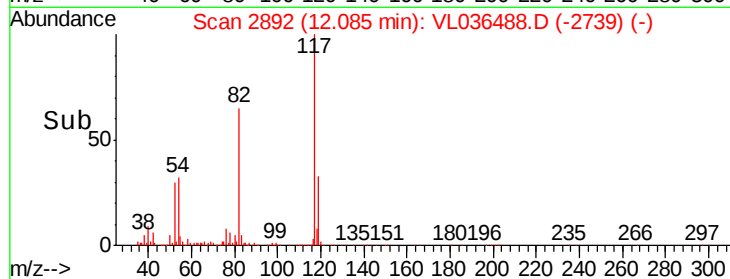
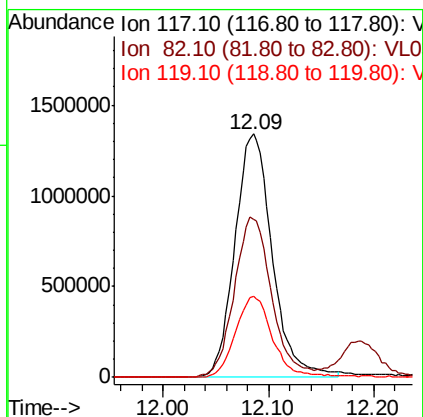
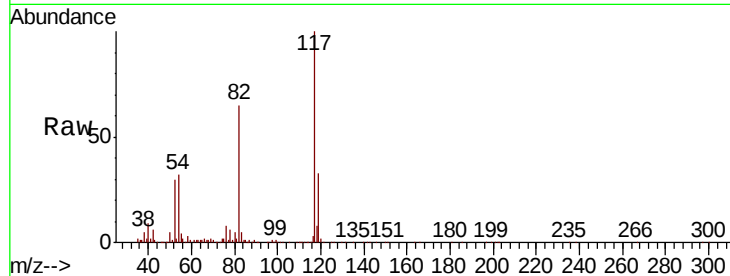
Ion 92.10 (91.80 to 92.80): VL0





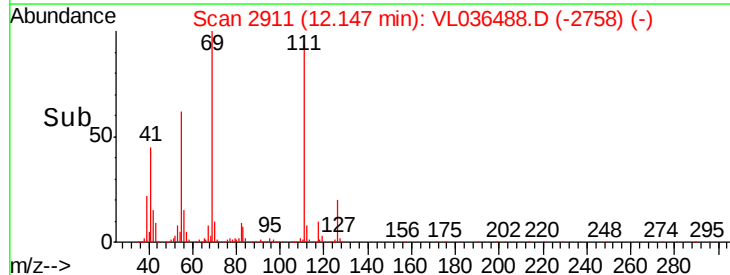
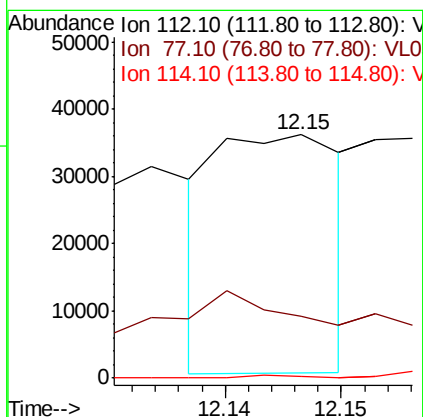
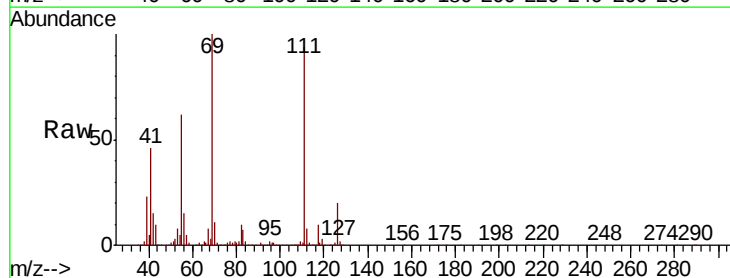
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 16:12

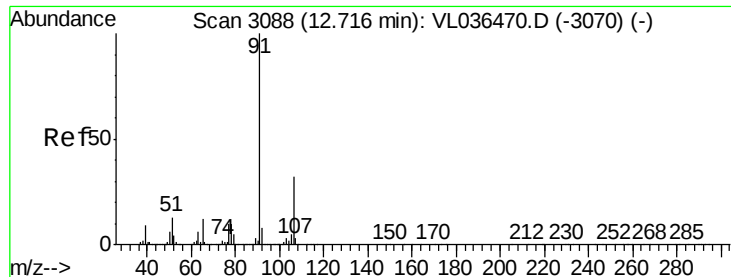
Tot Ion:117 Resp: 3303348
Ion Ratio Lower Upper
117 100
82 66.1 57.4 86.0
119 33.1 47.4 71.0#



#57
Chlorobenzene
Concen: 0.094 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL036488.D
Acq: 25 Mar 2021 16:12

Tgt Ion:112 Resp: 26472
Ion Ratio Lower Upper
112 100
77 20.2 56.0 84.0#
114 3.0 29.0 35.4#





#58

Ethyl Benzene

Concen: 0.598 ppbv

RT: 12.71 min

Delta R.T. MSVOA_L

Lab File:

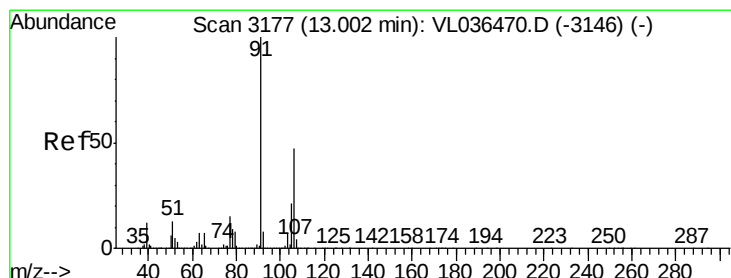
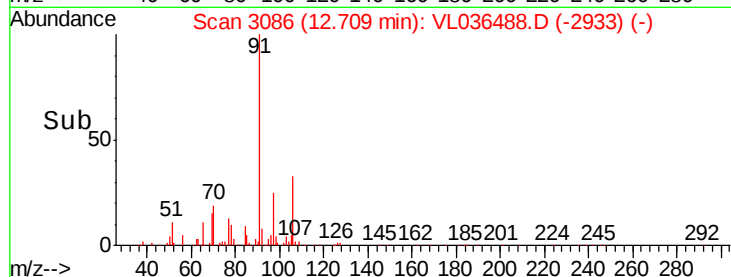
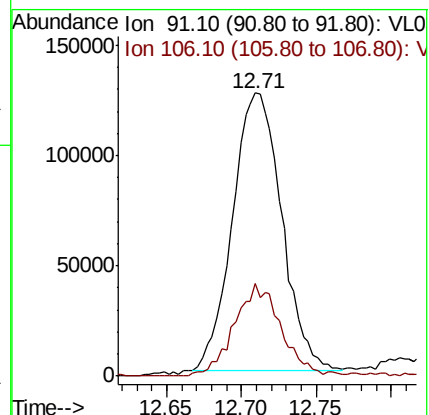
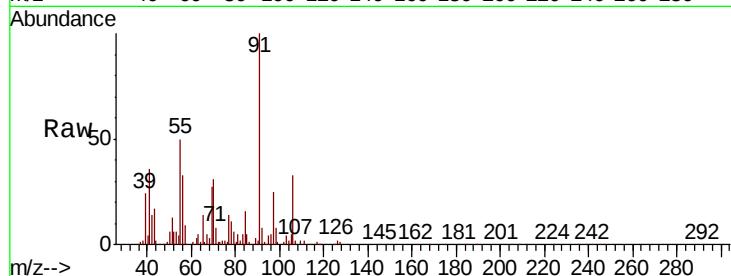
Acq: 25 Mar 2021 16:12

Tot Ion: 91 Resp: 287259

Ion Ratio Lower Upper

91 100

106 33.0 25.3 37.9



#59

m/p-Xylene

Concen: 1.476 ppbv

RT: 12.97 min Scan# 3167

Delta R.T. -0.03 min

Lab File: VL036488.D

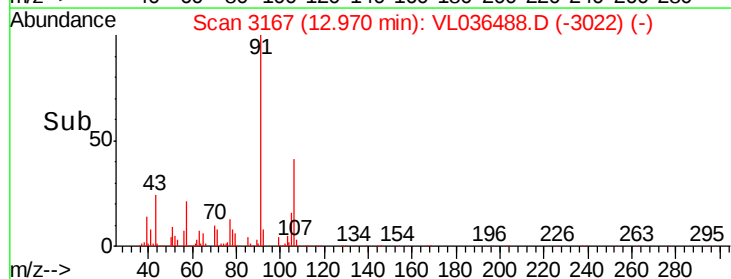
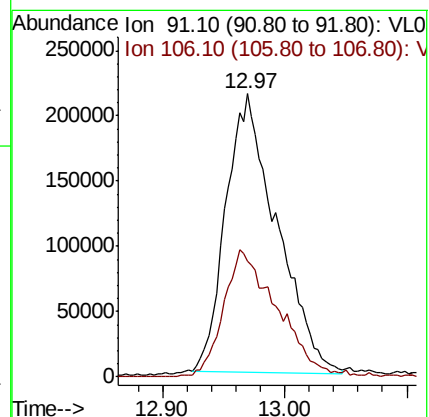
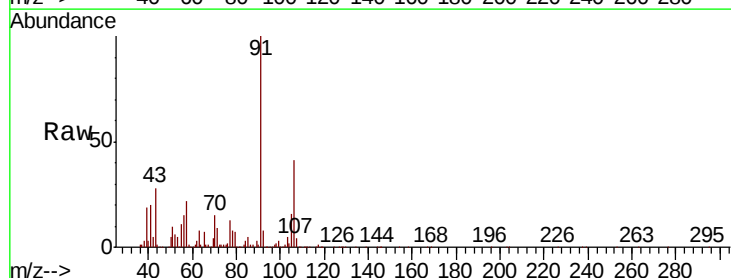
Acq: 25 Mar 2021 16:12

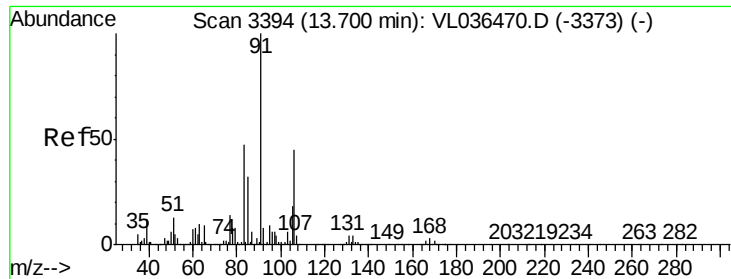
Tgt Ion: 91 Resp: 618873

Ion Ratio Lower Upper

91 100

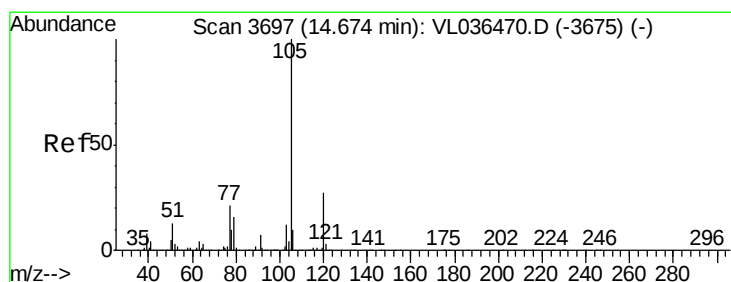
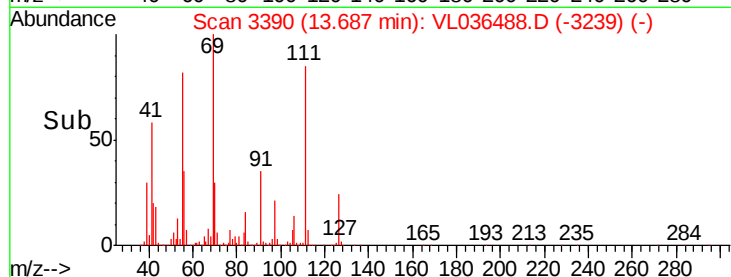
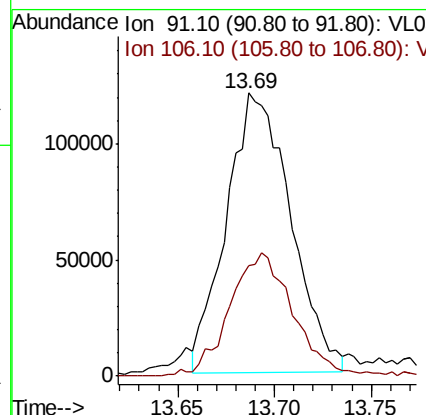
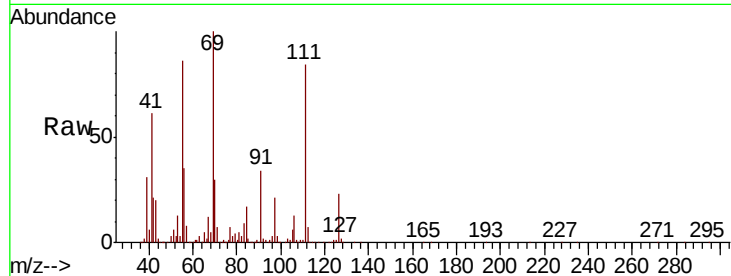
106 48.7 35.3 52.9





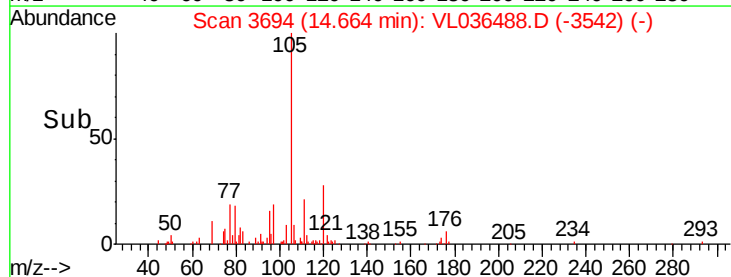
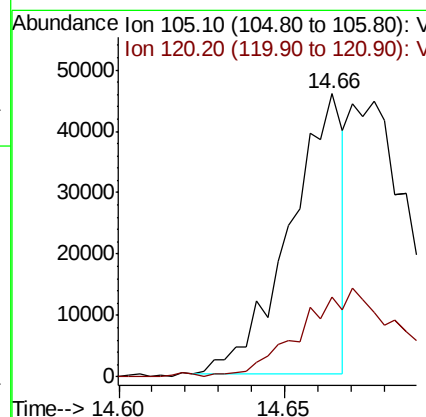
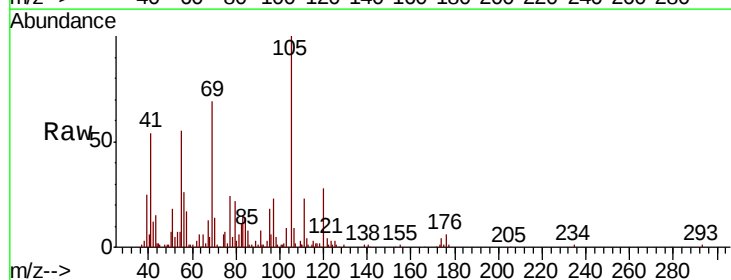
#60
o-Xylene
Concen: 0.686 ppbv
RT: 13.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 16:12

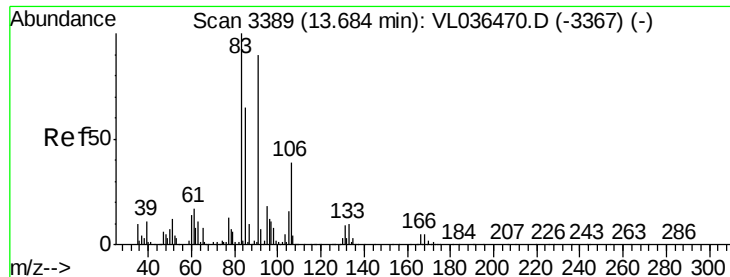
Tot Ion: 91 Resp: 278171
Ion Ratio Lower Upper
91 100
106 44.6 22.3 66.9



#62
Isopropylbenzene
Concen: 0.095 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. -0.01 min
Lab File: VL036488.D
Acq: 25 Mar 2021 16:12

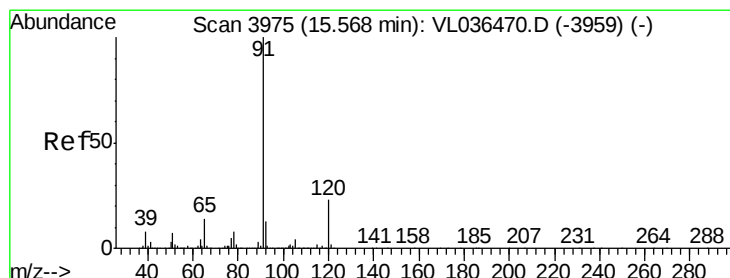
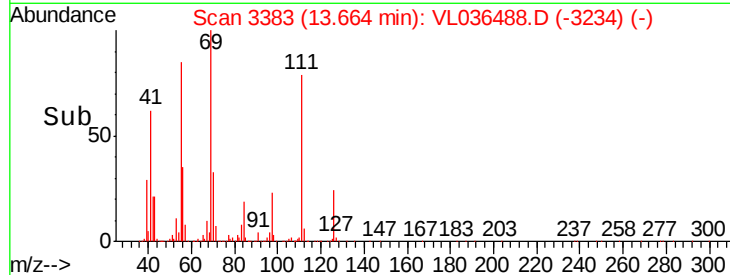
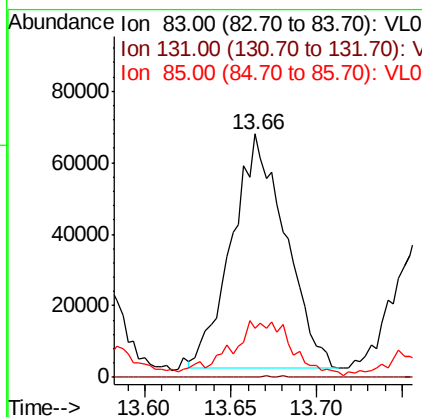
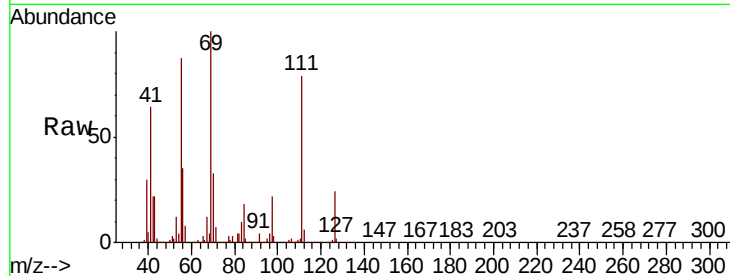
Tgt Ion: 105 Resp: 51686
Ion Ratio Lower Upper
105 100
120 57.9 20.6 31.0#





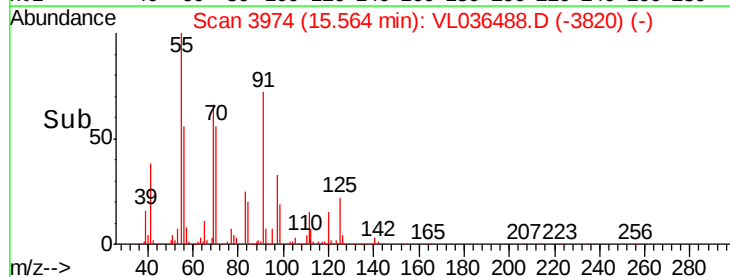
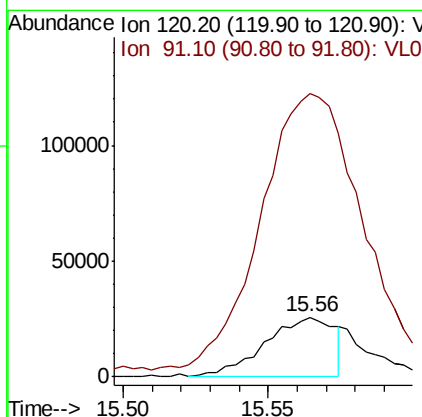
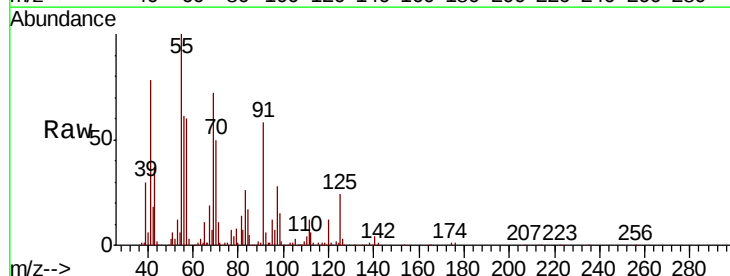
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.456 ppbv
 RT: 13.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 16:12

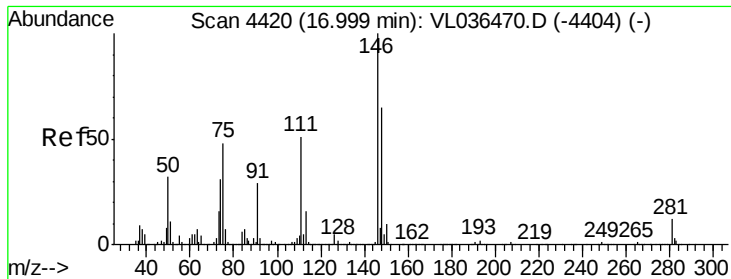
Tot Ion: 83 Resp: 141093
 Ion Ratio Lower Upper
 83 100
 131 0.1 4.7 14.0#
 85 26.0 33.1 99.3#



#64
 n-propylbenzene
 Concen: 0.314 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T. -0.00 min
 Lab File: VL036488.D
 Acq: 25 Mar 2021 16:12

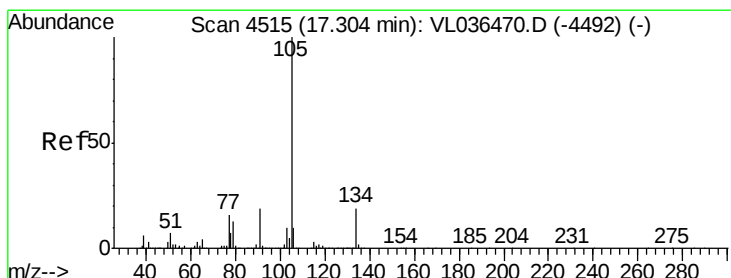
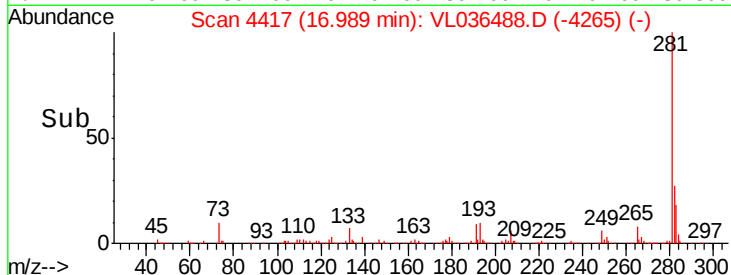
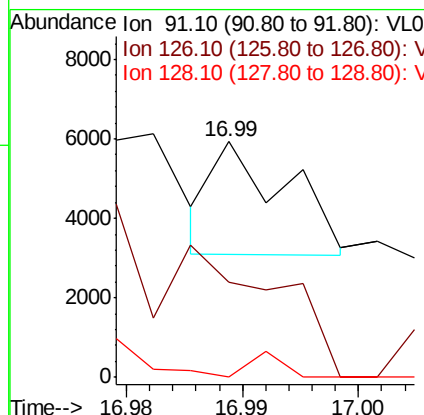
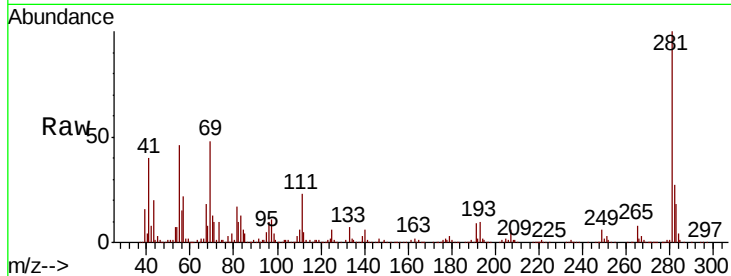
Tgt Ion:120 Resp: 41955
 Ion Ratio Lower Upper
 120 100
 91 727.3 377.4 566.2#





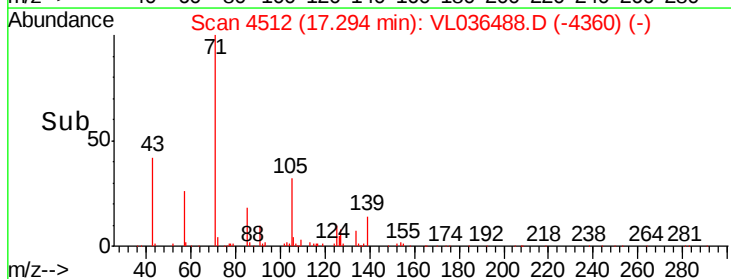
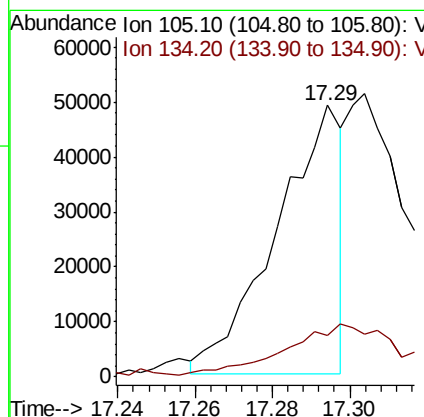
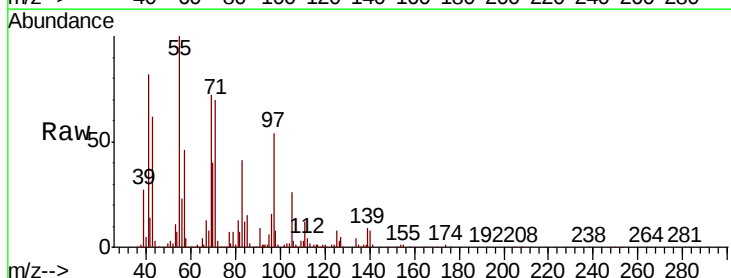
#66
Benzvl Chloride
Concen: 0.024 ppbv
RT: 16.99 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 16:12

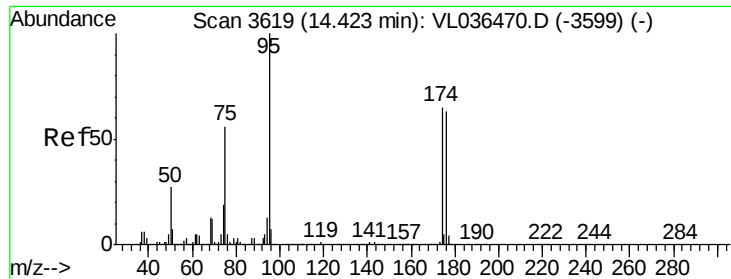
Tot Ion: 91 Resp: 1243
Ion Ratio Lower Upper
91 100
126 0.0 13.5 20.3#
128 42.4 4.2 6.4#



#67
sec-Butylbenzene
Concen: 0.086 ppbv
RT: 17.29 min Scan# 4512
Delta R.T. -0.01 min
Lab File: VL036488.D
Acq: 25 Mar 2021 16:12

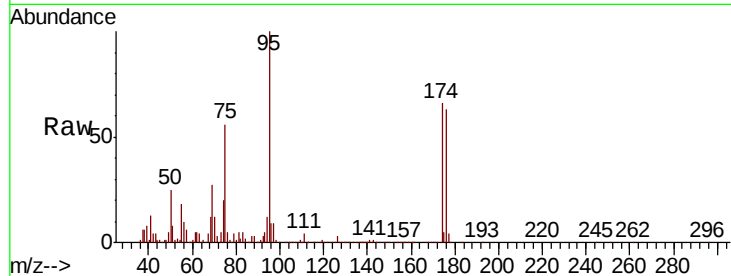
Tgt Ion: 105 Resp: 57542
Ion Ratio Lower Upper
105 100
134 37.6 14.7 22.1#



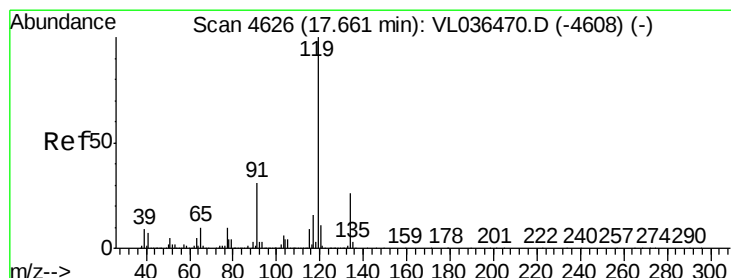
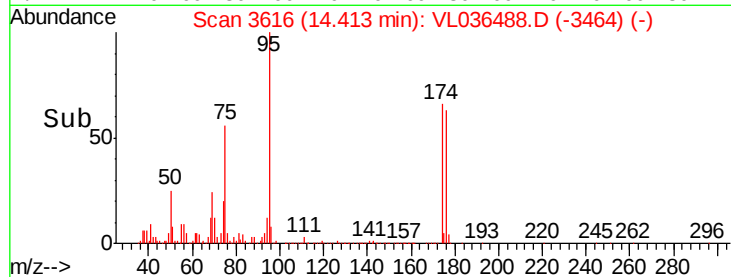
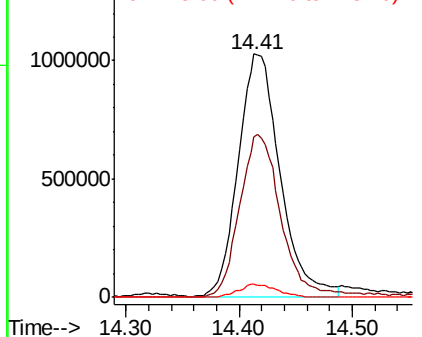


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.028 ppbv
 RT: 14.41 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 16:12

Tot Ion: 95 Resp: 2640214
 Ion Ratio Lower Upper
 95 100
 174 68.0 51.0 76.6
 175 5.2 3.9 5.9

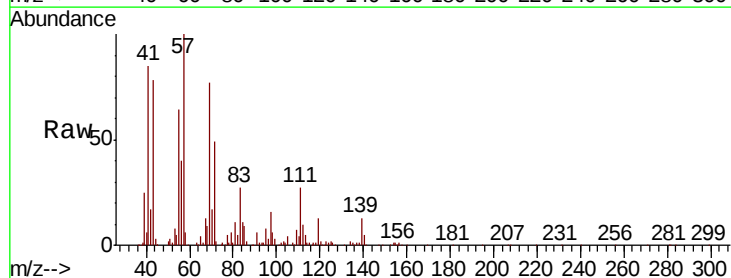


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

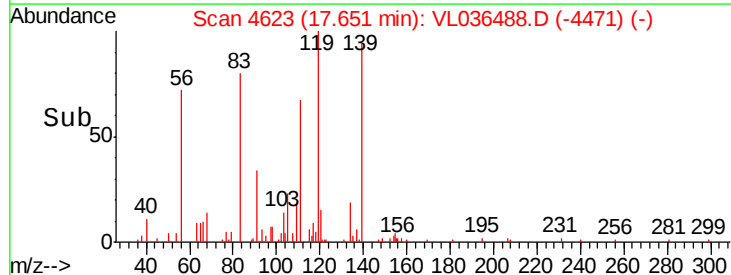
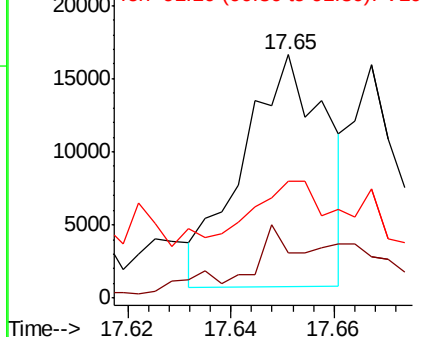


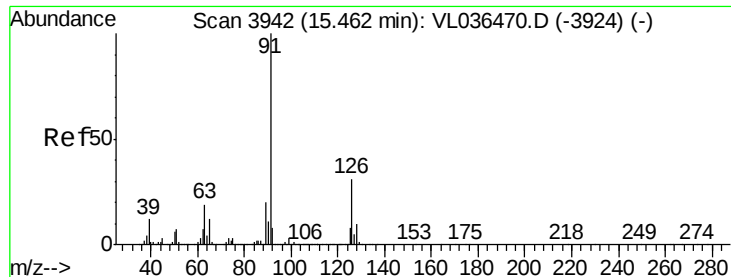
#69
 p-Isopropyltoluene
 Concen: 0.034 ppbv
 RT: 17.65 min Scan# 4623
 Delta R.T. -0.01 min
 Lab File: VL036488.D
 Acq: 25 Mar 2021 16:12

Tgt Ion: 119 Resp: 17857
 Ion Ratio Lower Upper
 119 100
 134 52.4 20.6 30.8#
 91 39.3 25.0 37.6#



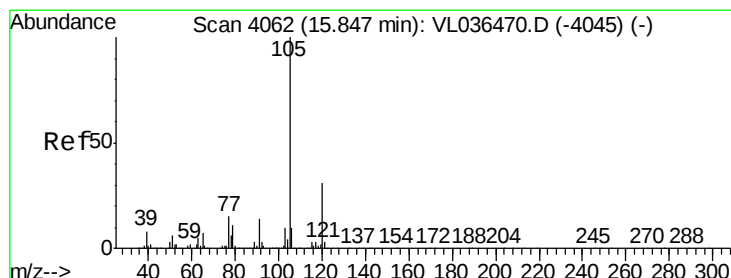
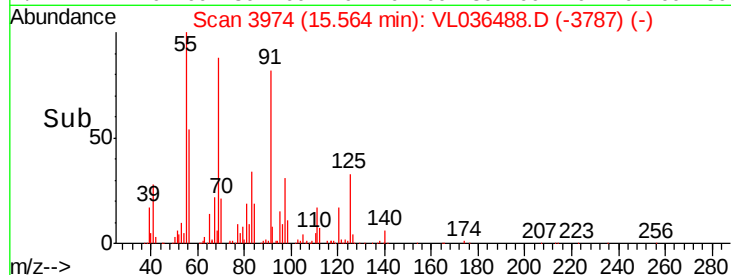
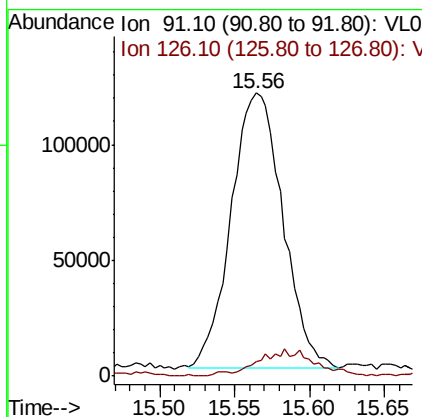
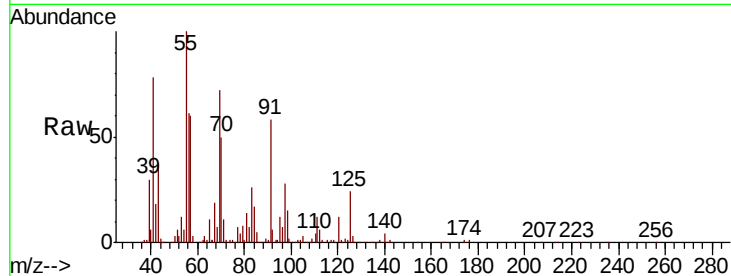
Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): VL0





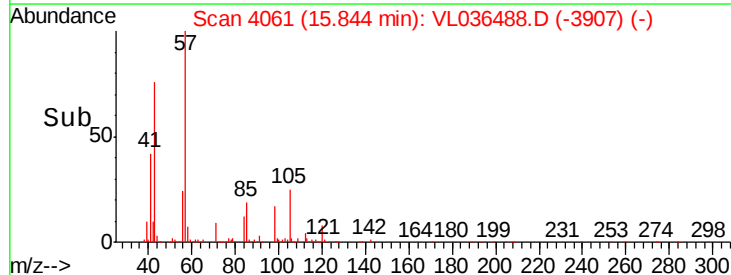
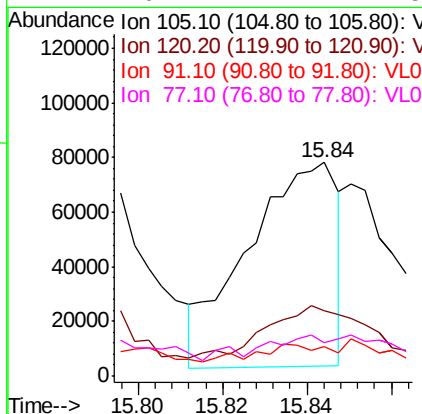
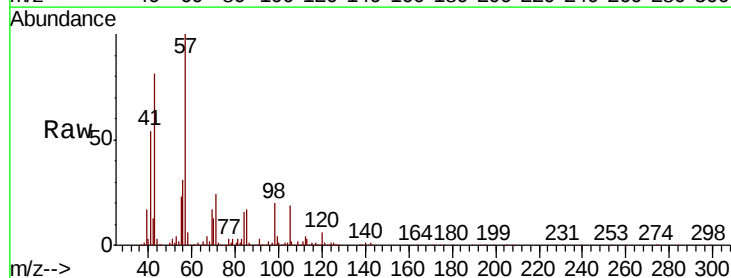
#71
 2-Chlorotoluene
 Concen: 0.697 ppbv
 RT: 15.56
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 16:12

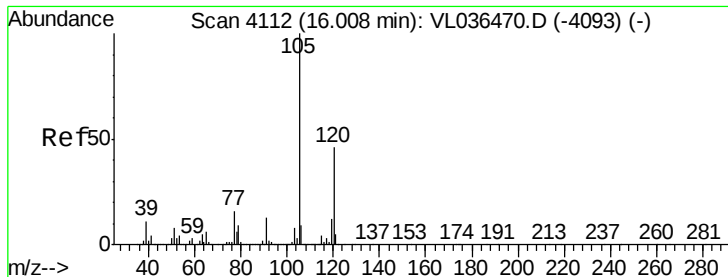
Tot Ion: 91 Resp: 285143
 Ion Ratio Lower Upper
 91 100
 126 10.7 12.1 48.5#



#72
 4-Ethyltoluene
 Concen: 0.250 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T. -0.00 min
 Lab File: VL036488.D
 Acq: 25 Mar 2021 16:12

Tgt Ion: 105 Resp: 111092
 Ion Ratio Lower Upper
 105 100
 120 52.4 24.0 36.0#
 91 0.0 11.0 16.4#
 77 40.4 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.361 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

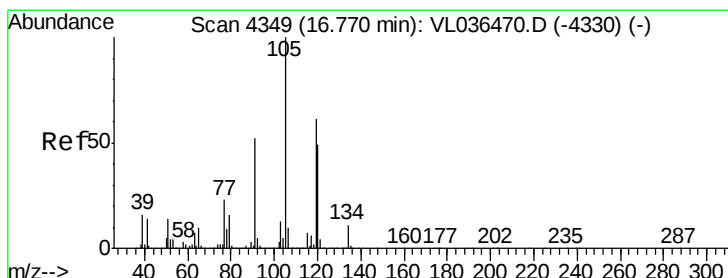
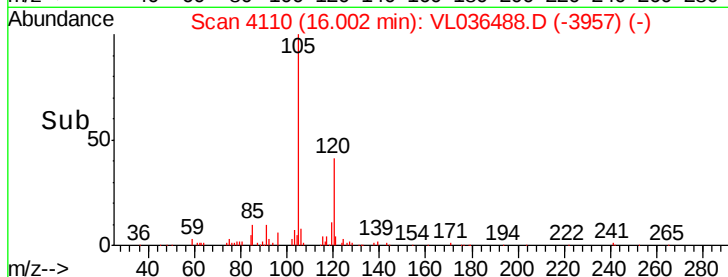
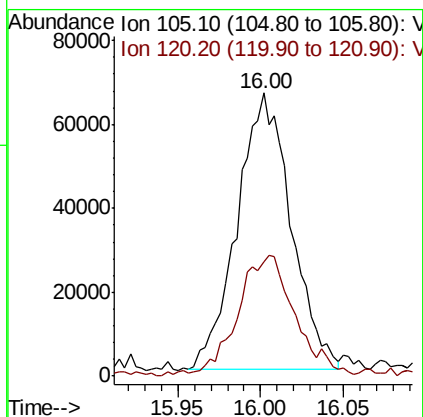
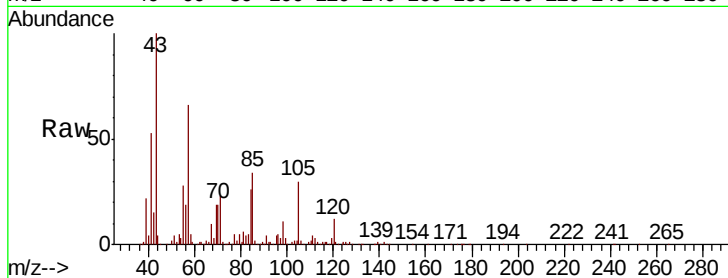
Acq: 25 Mar 2021 16:12

Tot Ion:105 Resp: 149437

Ion Ratio Lower Upper

105 100

120 40.3 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 0.438 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. -0.01 min

Lab File: VL036488.D

Acq: 25 Mar 2021 16:12

Tgt Ion:105 Resp: 194188

Ion Ratio Lower Upper

105 100

120 36.5 39.2 58.8#

91 12.6 42.6 64.0#

77 16.9 18.6 28.0#

