

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036650.D
 Acq On : 2 Apr 2021 18:25
 Operator : SY/AP
 Sample : M1841-05DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 03 02:57:45 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	5.65	49	1410215	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3654973	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3235207	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	2474766	9.60	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.00%	

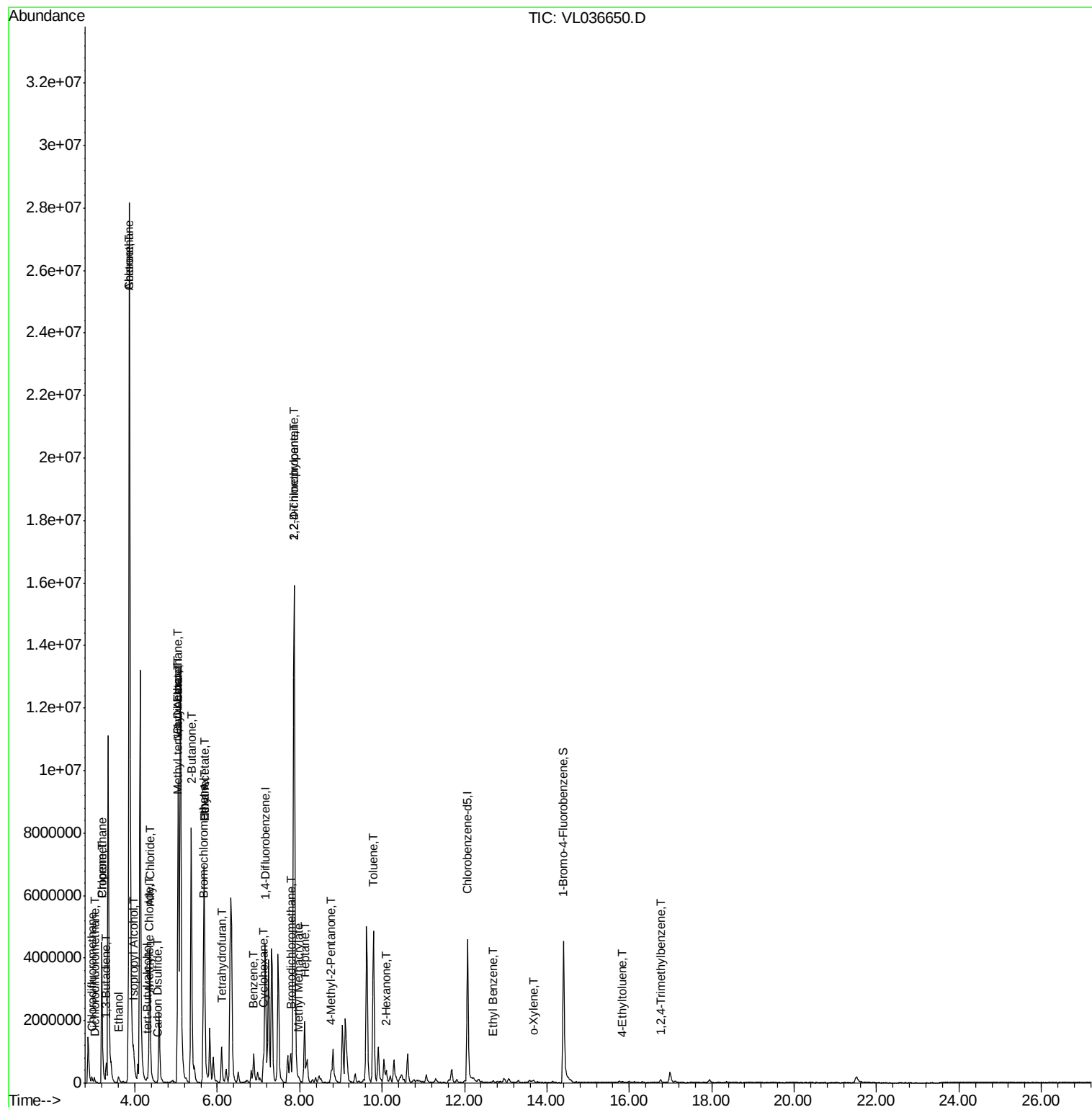
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	9202	0.040	ppbv #	86
3) Chlorodifluoromethane	2.95	51	161413	0.613	ppbv #	60
4) Chloromethane	3.20	50	40628	0.437	ppbv #	65
7) Chloroethane	3.85	64	1530	0.047	ppbv	91
9) Propene	3.20	41	1703883	20.285	ppbv	92
10) Heptane	8.12	43	914082	4.272	ppbv #	28
13) Ethanol	3.60	45	278932	27.886	ppbv	94
15) Acetone	3.86	43	15515315	111.783	ppbv #	62
16) 1,3-Butadiene	3.30	39	198469	2.054	ppbv #	18
17) tert-Butyl alcohol	4.30	59	34588	0.286	ppbv #	72
19) Isopropyl Alcohol	3.97	45	1017257	13.323	ppbv #	1
20) Methylene Chloride	4.33	84	268689	4.135	ppbv	93
21) Allyl Chloride	4.36	41	811866	7.338	ppbv #	52
23) Vinyl Acetate	5.05	43	5375559	22.642	ppbv #	1
24) 1,1-Dichloroethane	5.05	63	22556	0.130	ppbv #	90
25) Ethyl Acetate	5.68	43	2217387	6.720	ppbv #	77
26) Hexane	5.68	57	2998462	19.581	ppbv #	47
27) Carbon Disulfide	4.54	76	3583	0.024	ppbv #	55
28) Methyl tert-Butyl Ether	5.03	73	10561	0.058	ppbv #	52
30) Cyclohexane	7.12	84	357015	2.875	ppbv	90
34) 2-Butanone	5.37	43	1371137	7.685	ppbv #	58
36) Benzene	6.88	78	746373	2.214	ppbv	99
39) 1,2-Dichloropropane	7.86	63	18584	0.136	ppbv #	1
41) Tetrahydrofuran	6.11	42	57377	0.697	ppbv #	41
42) Bromodichloromethane	7.79	83	117497	0.435	ppbv #	26
43) Methyl Methacrylate	7.98	69	31504	0.278	ppbv #	1
44) 2,2,4-Trimethylpentane	7.86	57	16920745	28.521	ppbv #	86
50) 4-Methyl-2-Pentanone	8.76	43	15587	0.060	ppbv #	61
51) 2-Hexanone	10.10	43	216248	1.660	ppbv #	35
53) Toluene	9.80	91	91204	0.254	ppbv	99
58) Ethyl Benzene	12.69	91	16178	0.034	ppbv	95
60) o-Xylene	13.68	91	16275	0.041	ppbv #	1
72) 4-Ethyltoluene	15.82	105	10544	0.024	ppbv #	26
74) 1,2,4-Trimethylbenzene	16.75	105	26911	0.062	ppbv #	69

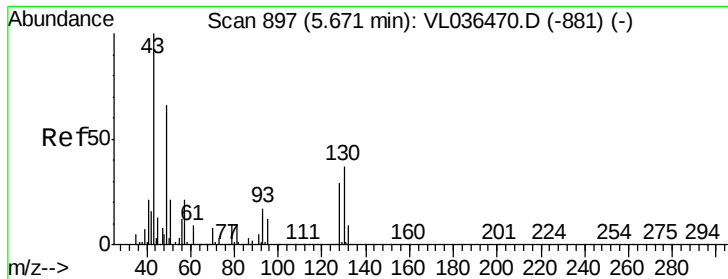
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.02 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

Instrument :

MSVOA_L

ClientSampled :

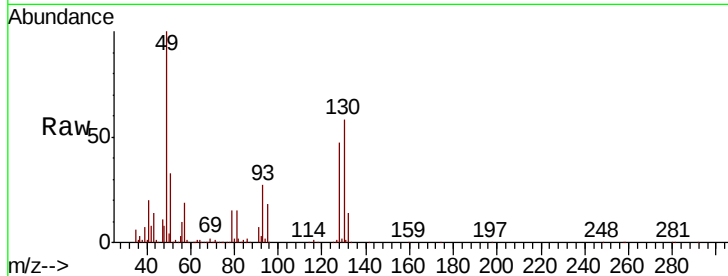
Tot Ion: 49 Resp: 1410215

Ion Ratio Lower Upper

49 100

128 46.5 23.5 70.6

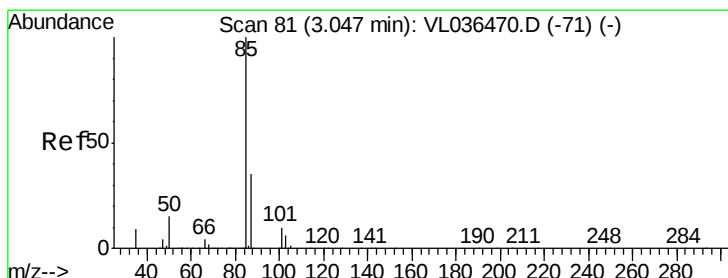
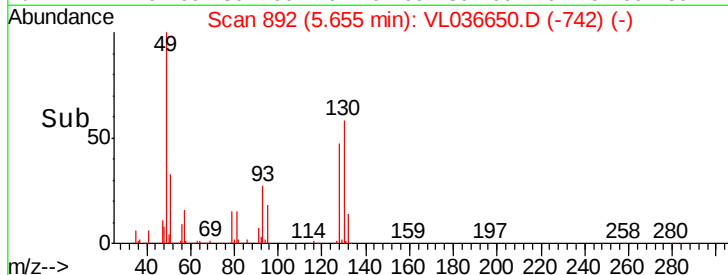
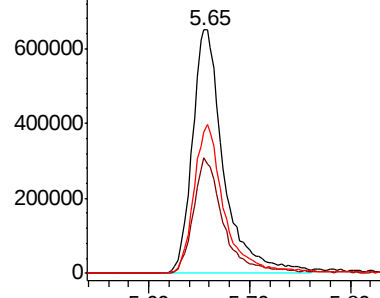
130 59.8 29.1 87.4



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: 0.040 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.01 min

Lab File: VL036650.D

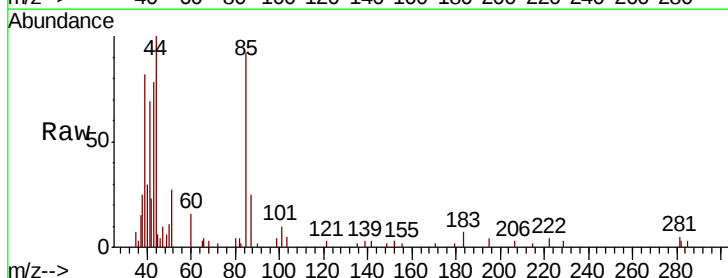
Acq: 2 Apr 2021 18:25

Tgt Ion: 85 Resp: 9202

Ion Ratio Lower Upper

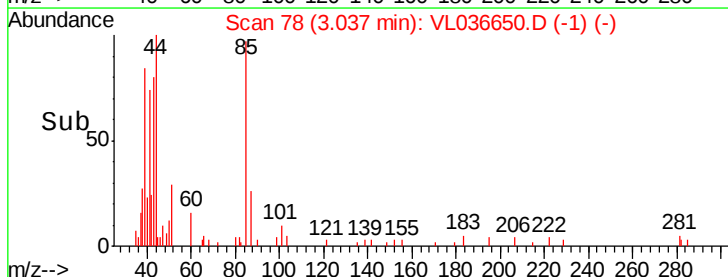
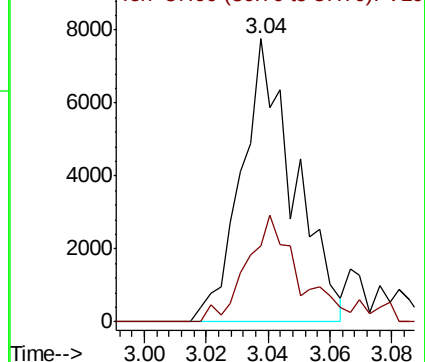
85 100

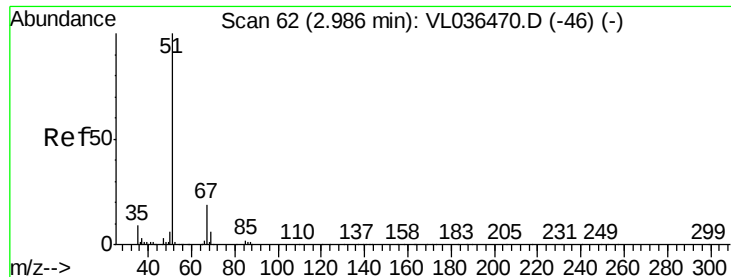
87 27.0 27.8 41.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.613 ppbv

RT: 2.95 min Scan# 52

Delta R.T. -0.03 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

Instrument :

MSVOA_L

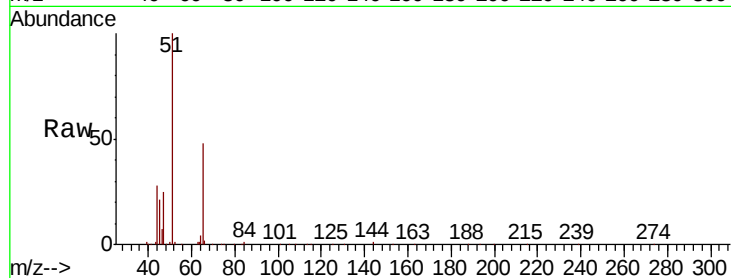
ClientSampleId :

Tot Ion: 51 Resp: 161413

Ion Ratio Lower Upper

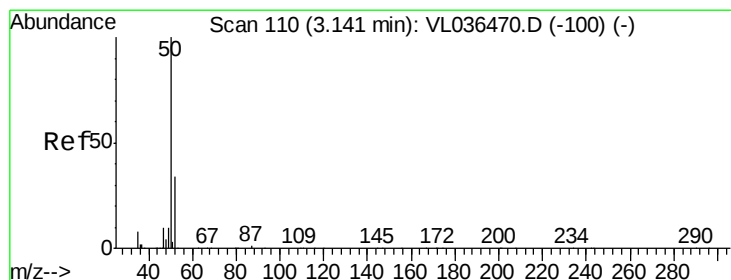
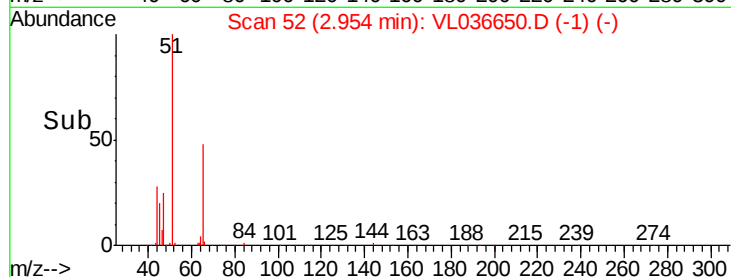
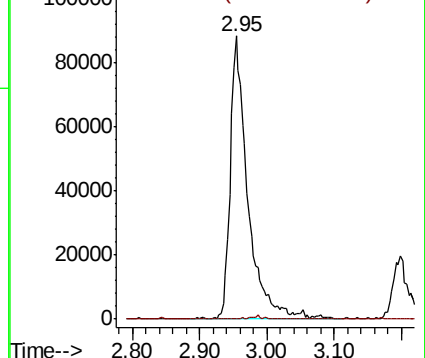
51 100

67 0.8 14.7 22.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.437 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.05 min

Lab File: VL036650.D

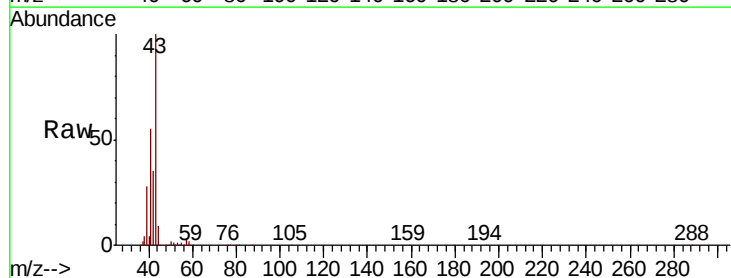
Acq: 2 Apr 2021 18:25

Tgt Ion: 50 Resp: 40628

Ion Ratio Lower Upper

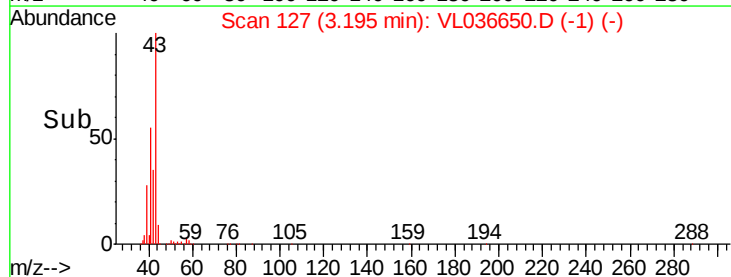
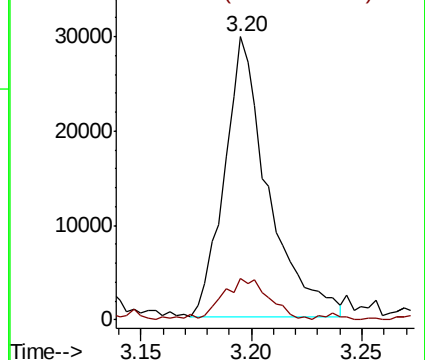
50 100

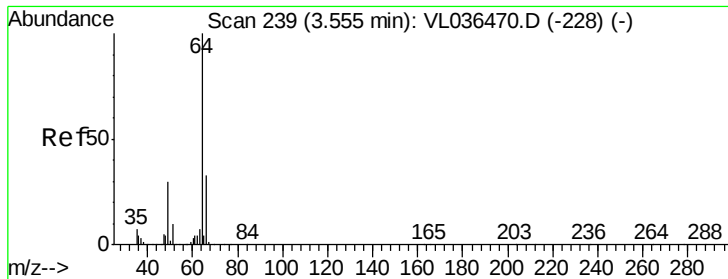
52 13.9 27.0 40.6#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.047 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.30 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

Instrument :

MSVOA_L

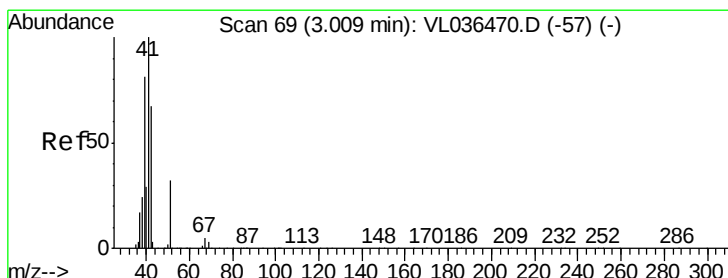
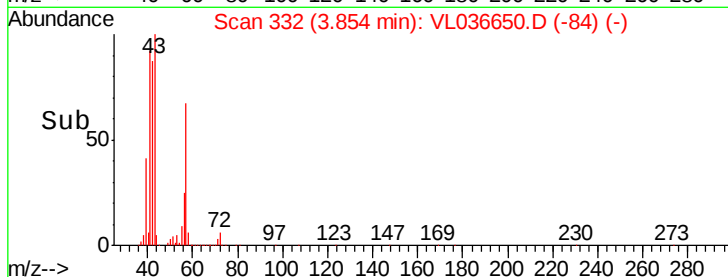
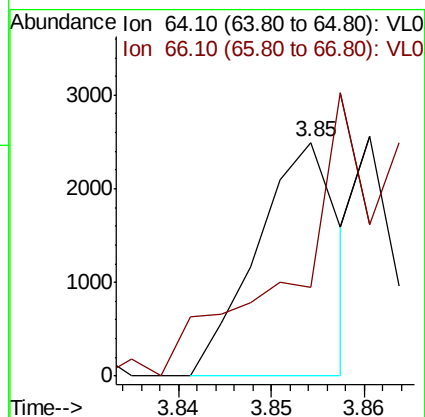
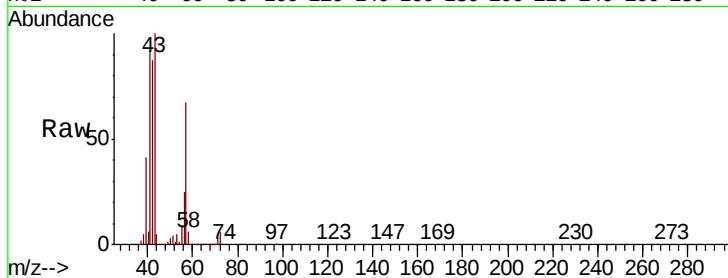
ClientSampleId :

Tot Ion: 64 Resp: 1530

Ion Ratio Lower Upper

64 100

66 38.0 26.2 39.2



#9

Propene

Concen: 20.285 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.19 min

Lab File: VL036650.D

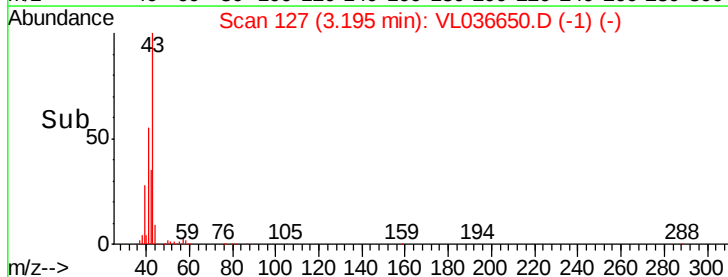
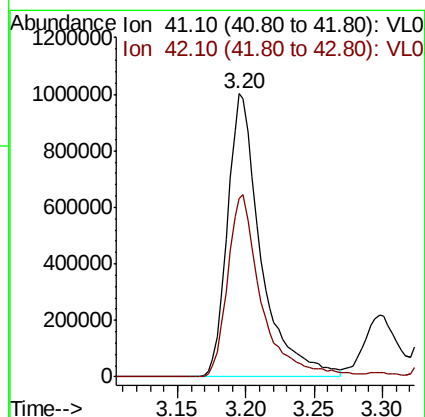
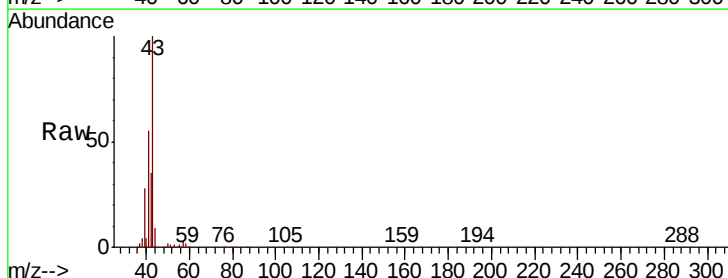
Acq: 2 Apr 2021 18:25

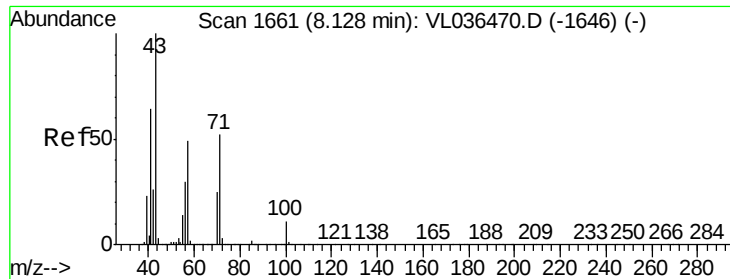
Tgt Ion: 41 Resp: 1703883

Ion Ratio Lower Upper

41 100

42 64.6 57.0 85.4

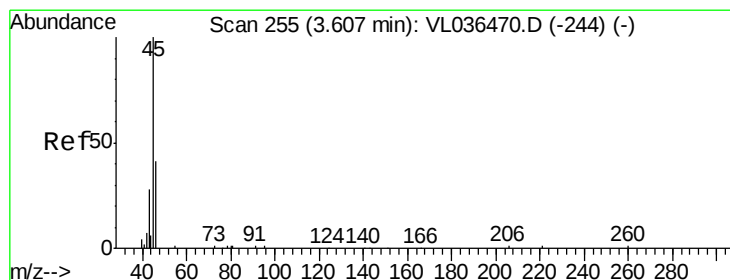
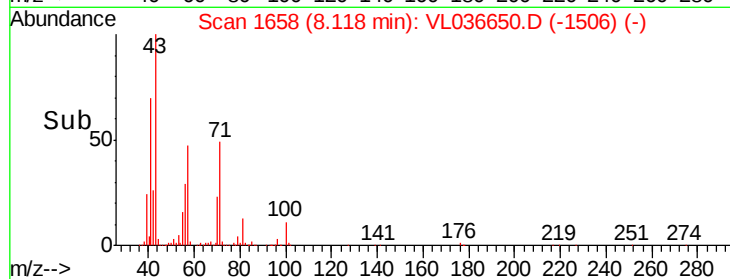
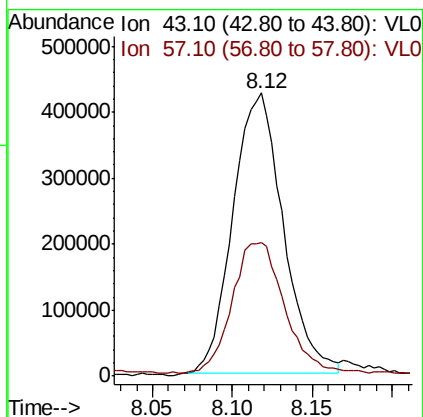
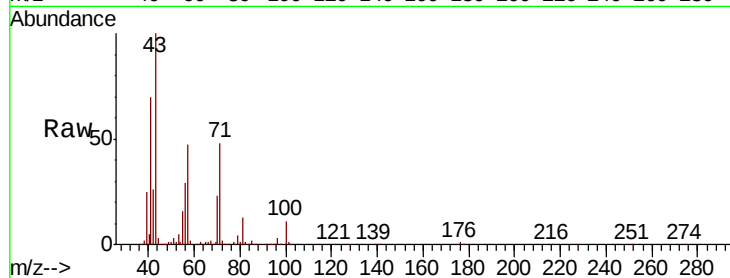




#10
Heptane
Concen: 4.272 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

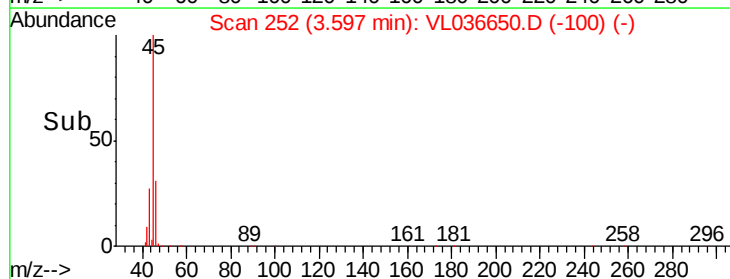
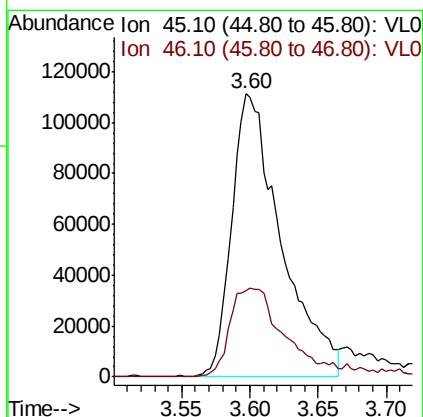
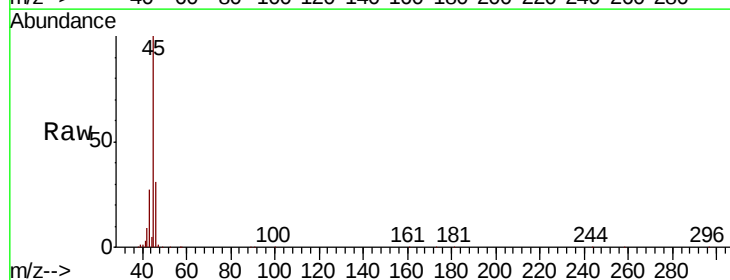
Instrument :
MSVOA_L
ClientSampleId :

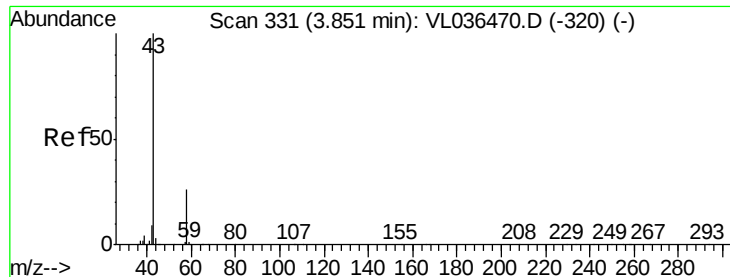
Tot Ion: 43 Resp: 914082
Ion Ratio Lower Upper
43 100
57 0.0 39.0 58.6#



#13
Ethanol
Concen: 27.886 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

Tgt Ion: 45 Resp: 278932
Ion Ratio Lower Upper
45 100
46 37.6 16.6 66.2





#15

Acetone

Concen: 111.783 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

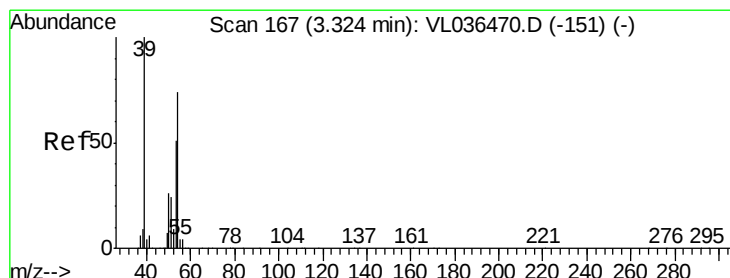
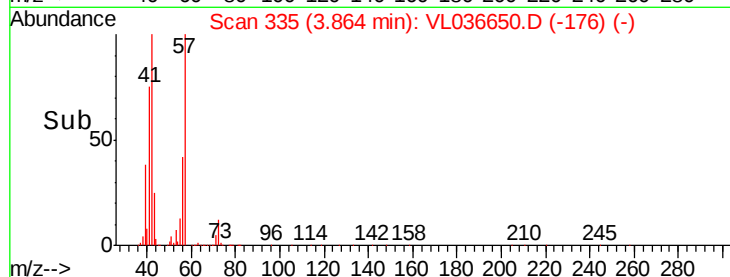
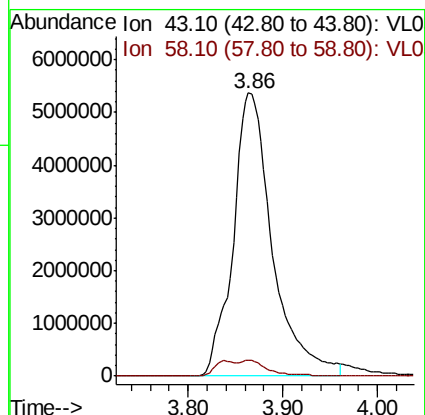
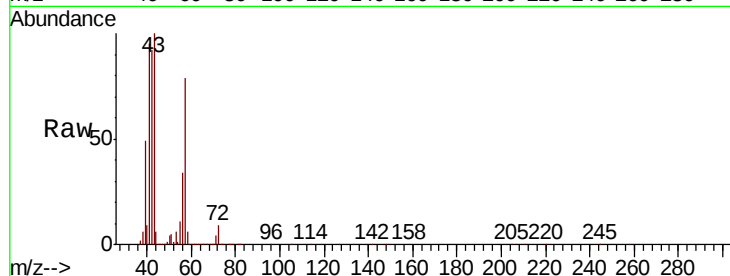
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 43 Resp:15515315

Ion Ratio Lower Upper

43 100

58 7.1 21.2 31.8#



#16

1,3-Butadiene

Concen: 2.054 ppbv

RT: 3.30 min Scan# 159

Delta R.T. -0.03 min

Lab File: VL036650.D

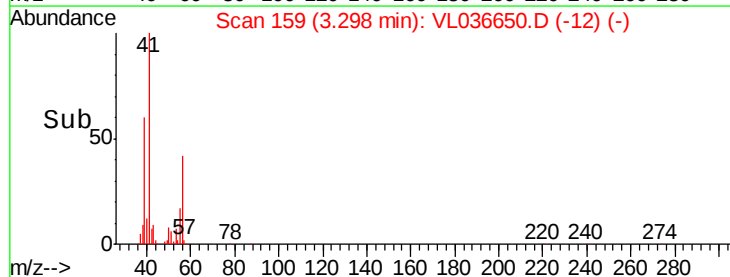
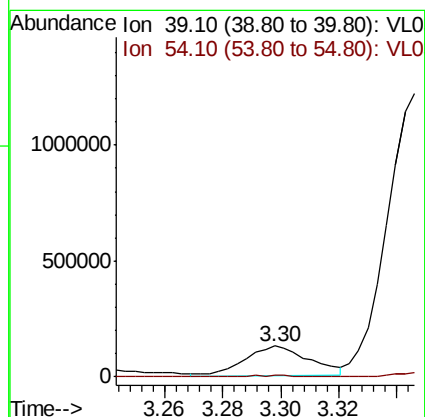
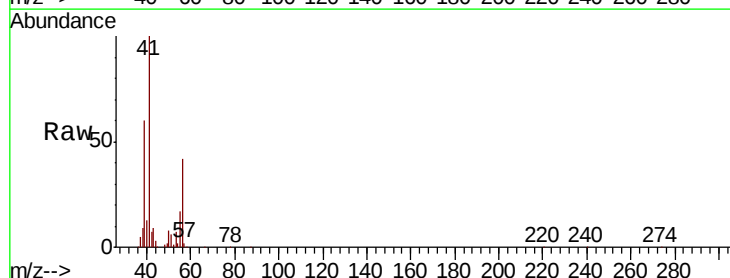
Acq: 2 Apr 2021 18:25

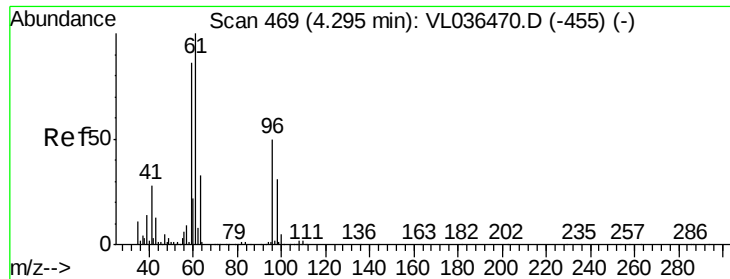
Tgt Ion: 39 Resp: 198469

Ion Ratio Lower Upper

39 100

54 4.5 58.8 88.2#



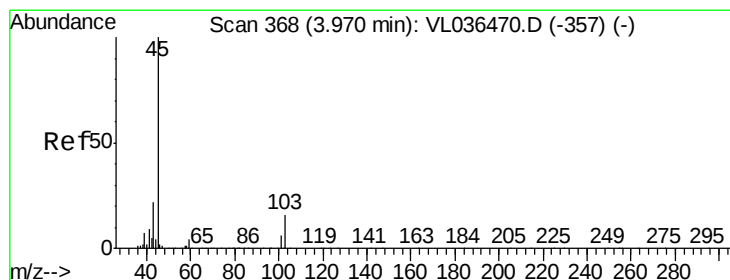
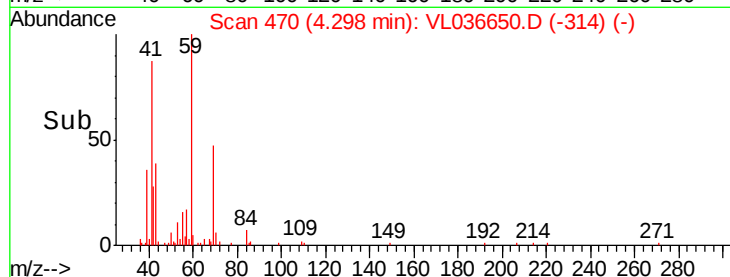
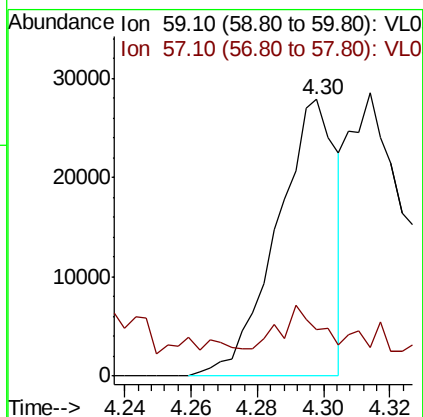
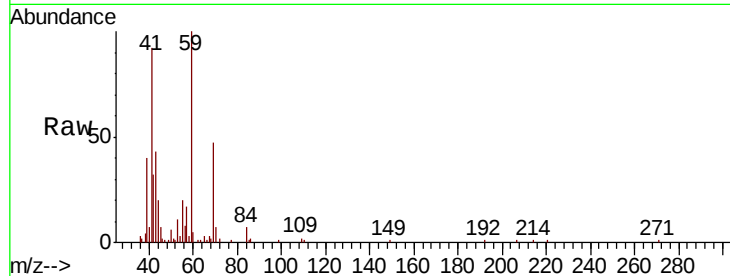


#17

tert-Butyl alcohol
 Concen: 0.286 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: VL036650.D
 Acq: 2 Apr 2021 18:25

Instrument :
 MSVOA_L
 ClientSampleId :

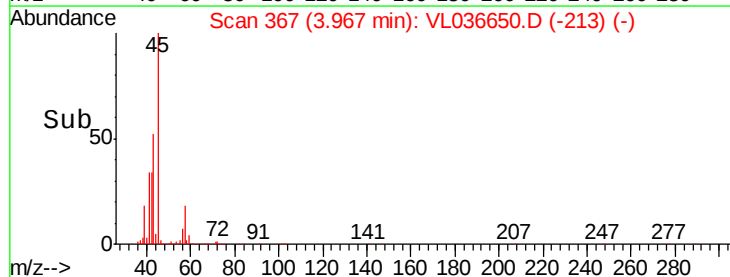
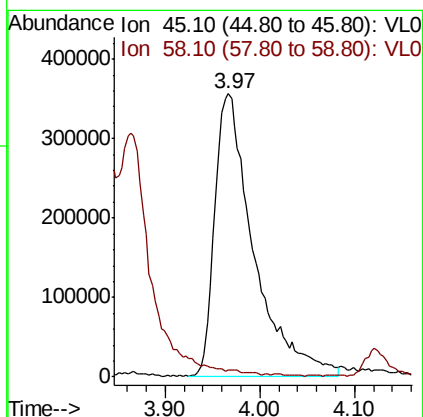
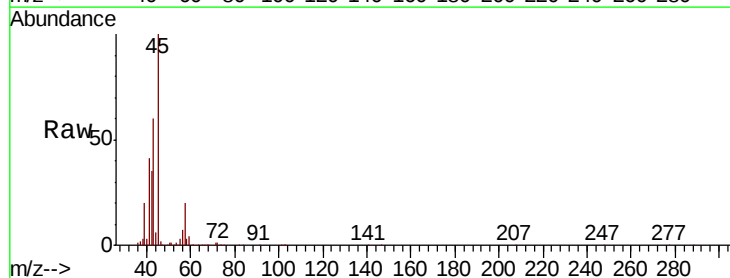
Tot Ion: 59 Resp: 34588
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

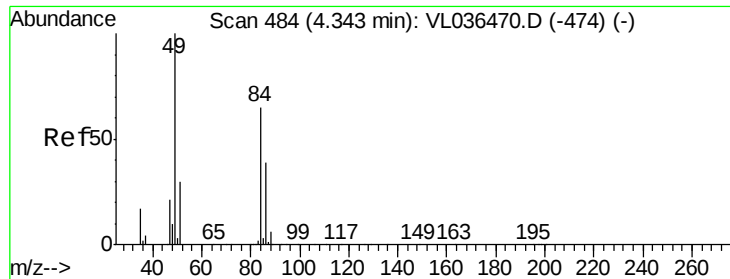


#19

Isopropyl Alcohol
 Concen: 13.323 ppbv
 RT: 3.97 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VL036650.D
 Acq: 2 Apr 2021 18:25

Tgt Ion: 45 Resp: 1017257
 Ion Ratio Lower Upper
 45 100
 58 108.8 2.9 4.3#

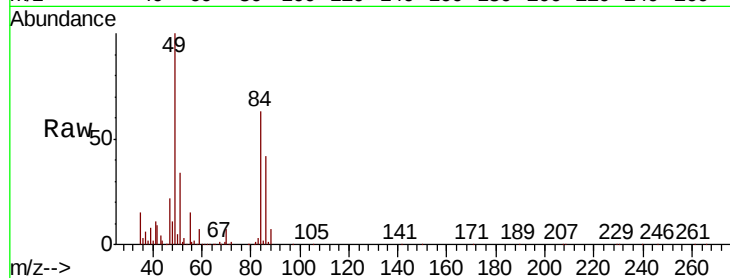




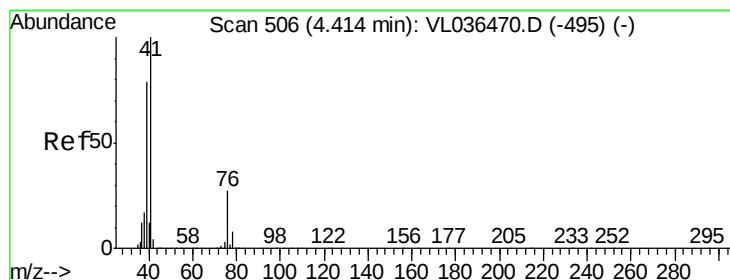
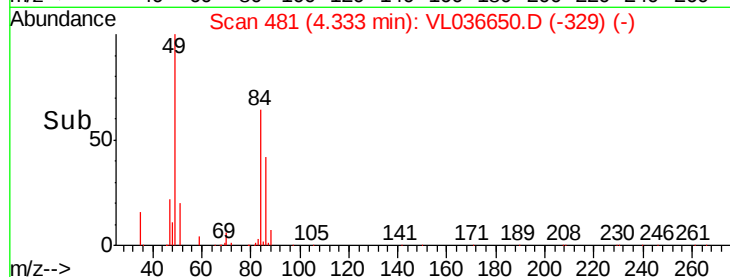
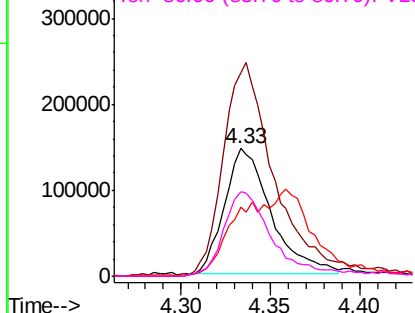
#20
Methylene Chloride
Concen: 4.135 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	84	Resp:	268689
Ion	Ratio	Lower	Upper
84	100		
49	161.4	122.9	184.3
51	54.0	36.9	55.3
86	66.1	48.2	72.4

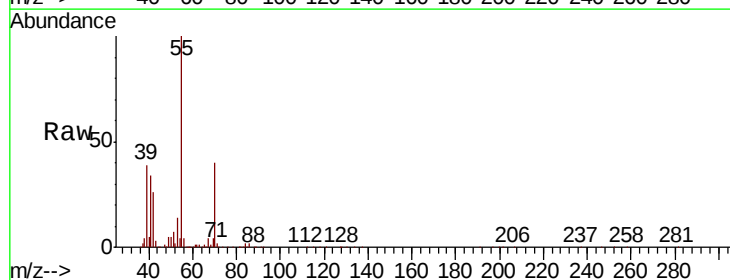


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

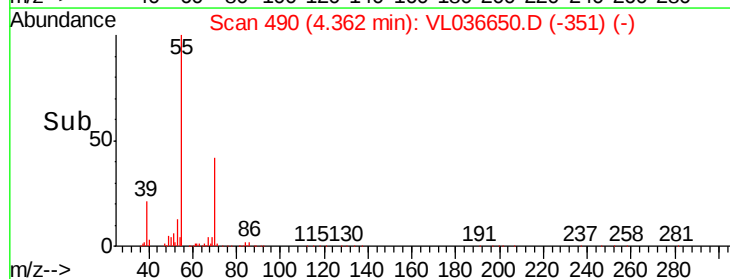
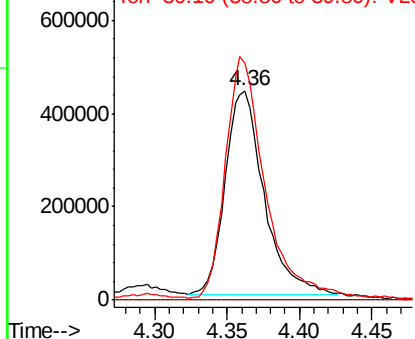


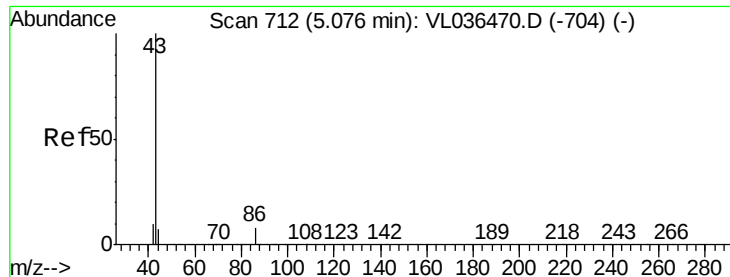
#21
Allyl Chloride
Concen: 7.338 ppbv
RT: 4.36 min Scan# 490
Delta R.T. -0.05 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

Tgt Ion:	41	Resp:	811866
Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.9	34.3#
39	125.6	67.3	100.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 22.642 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.03 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 5375559

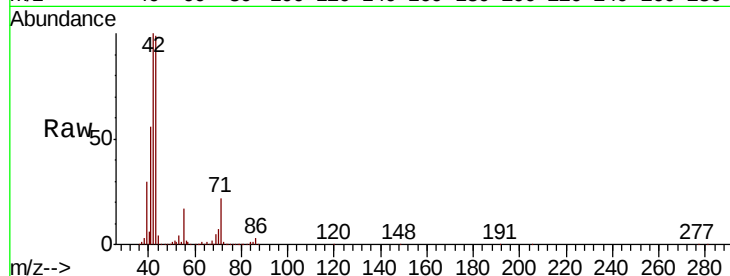
Ion Ratio Lower Upper

43 100

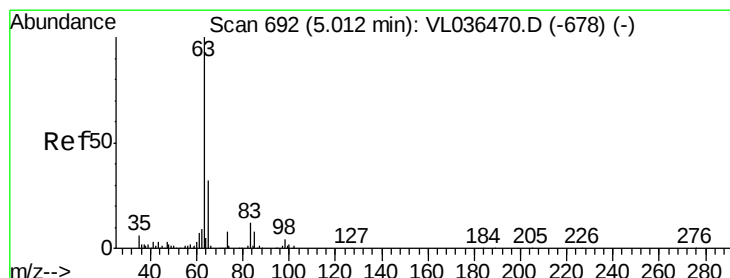
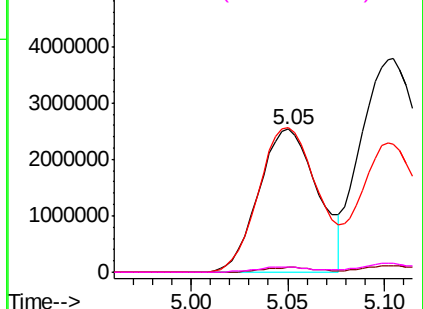
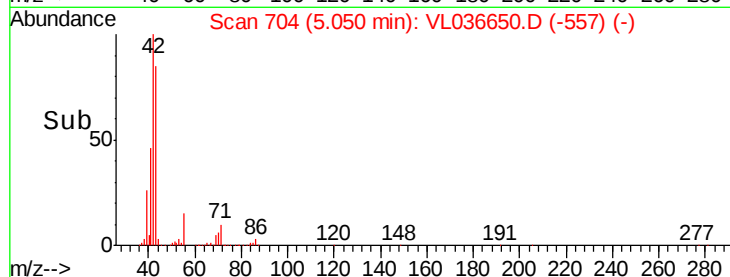
86 3.3 5.4 8.0#

42 101.1 8.5 12.7#

44 3.5 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



#24

1,1-Dichloroethane

Concen: 0.130 ppbv

RT: 5.05 min Scan# 704

Delta R.T. 0.04 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

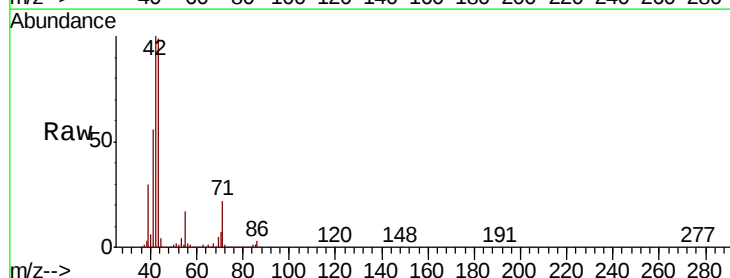
Tgt Ion: 63 Resp: 22556

Ion Ratio Lower Upper

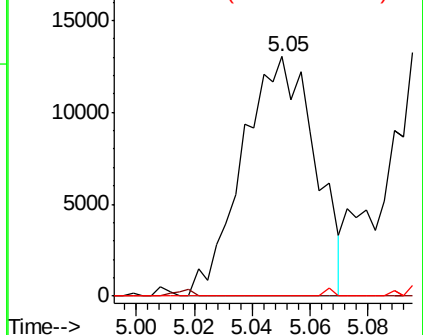
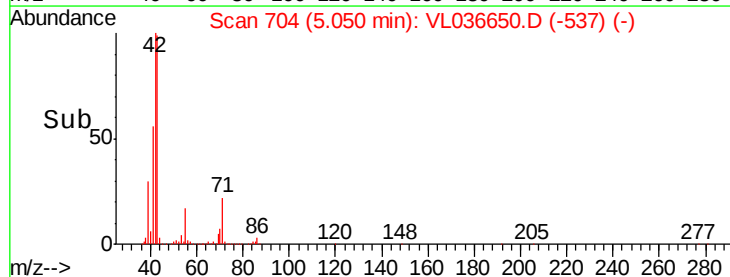
63 100

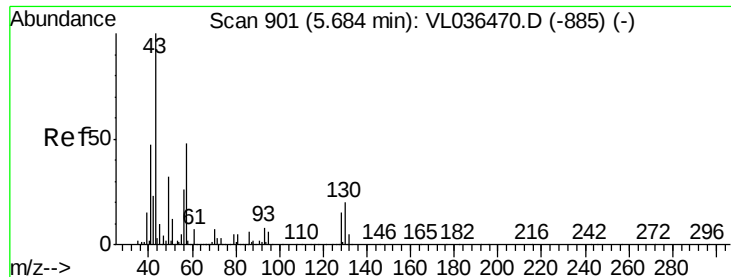
98 0.0 2.1 6.2#

100 0.0 0.9 2.8#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 6.720 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

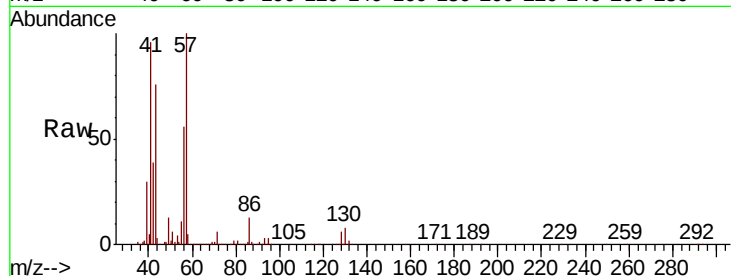
Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2217387

Ion	Ratio	Lower	Upper
43	100		
45	0.3	7.9	11.9#
61	0.2	7.4	11.2#
70	1.4	5.1	7.7#



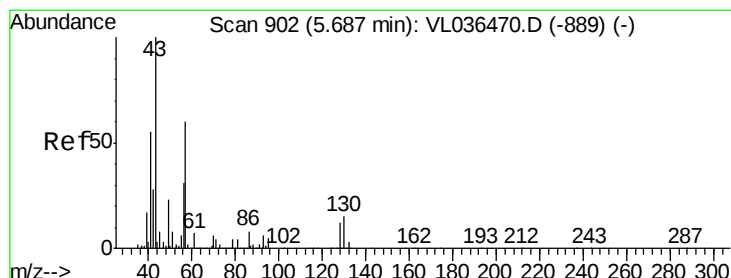
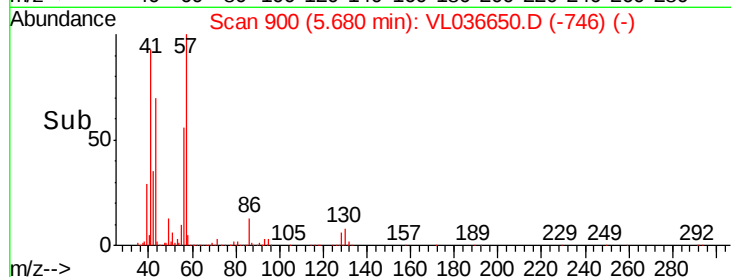
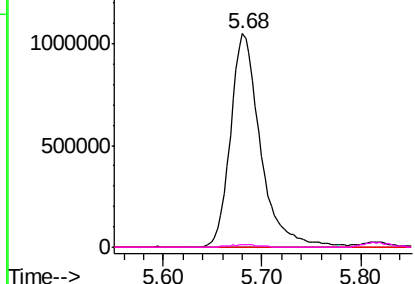
Abundance

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: 19.581 ppbv

RT: 5.68 min Scan# 901

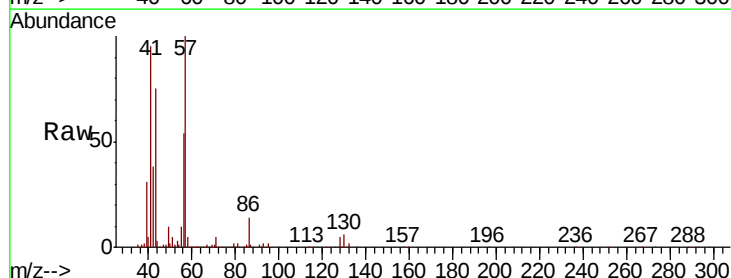
Delta R.T. -0.00 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

Tgt Ion: 57 Resp: 2998462

Ion	Ratio	Lower	Upper
57	100		
41	96.2	77.2	115.8
43	74.2	173.8	260.6#
56	54.4	43.8	65.6



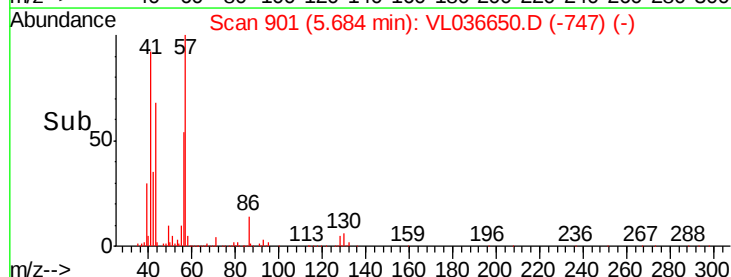
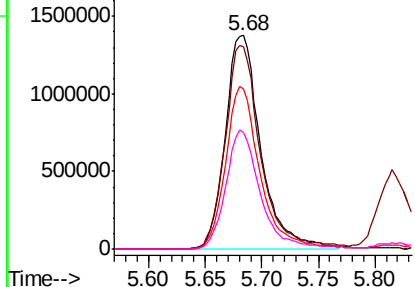
Abundance

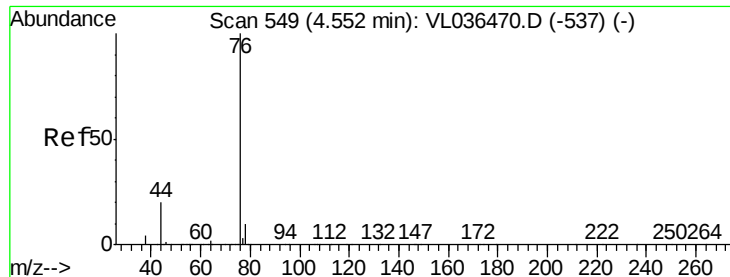
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 0.024 ppbv

RT: 4.54 min Scan# 544

Delta R.T. -0.02 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

Instrument :

MSVOA_L

ClientSampleId :

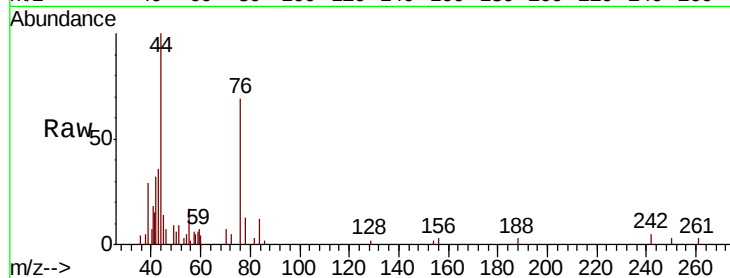
Tot Ion: 76 Resp: 3583

Ion Ratio Lower Upper

76 100

44 0.0 17.5 26.3#

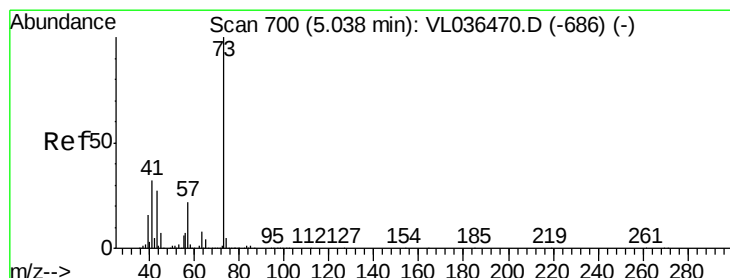
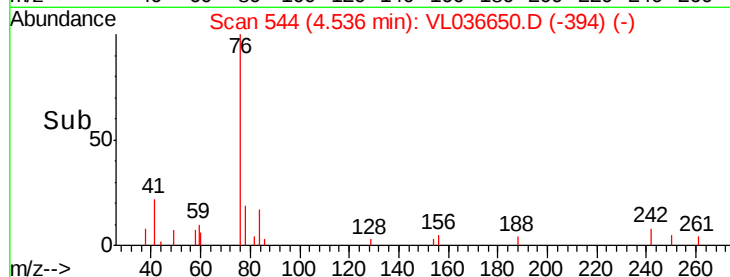
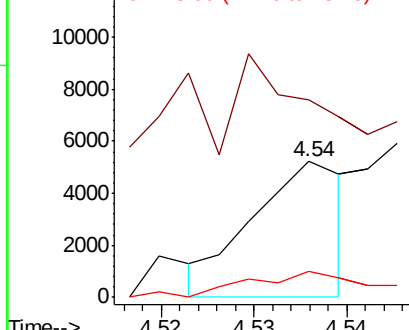
78 27.0 8.6 13.0#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 0.058 ppbv

RT: 5.03 min Scan# 698

Delta R.T. -0.01 min

Lab File: VL036650.D

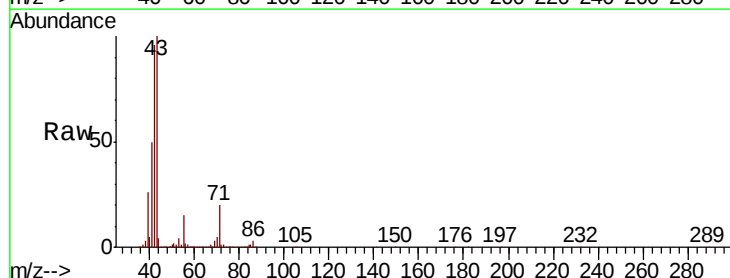
Acq: 2 Apr 2021 18:25

Tgt Ion: 73 Resp: 10561

Ion Ratio Lower Upper

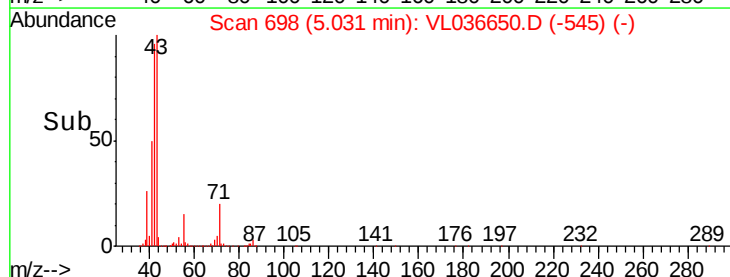
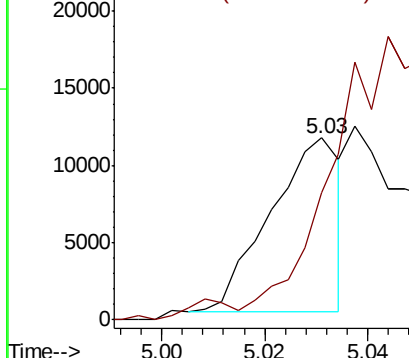
73 100

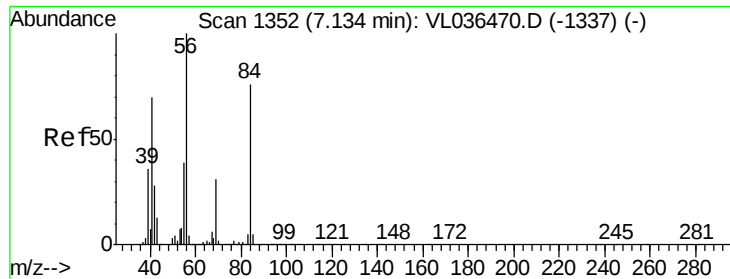
57 0.0 18.5 27.7#



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

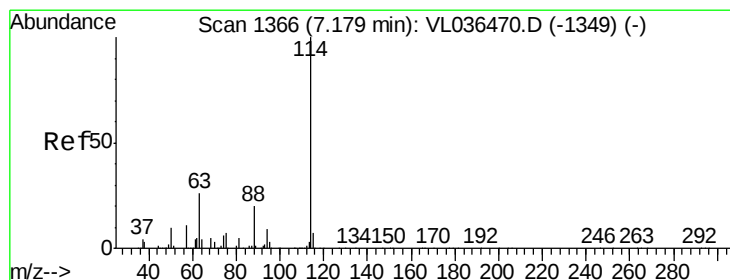
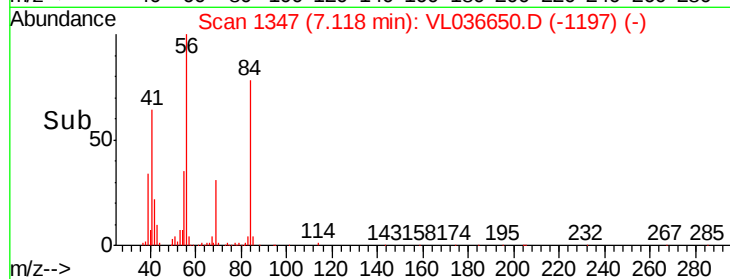
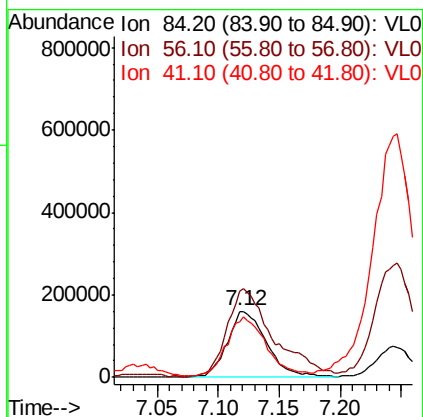
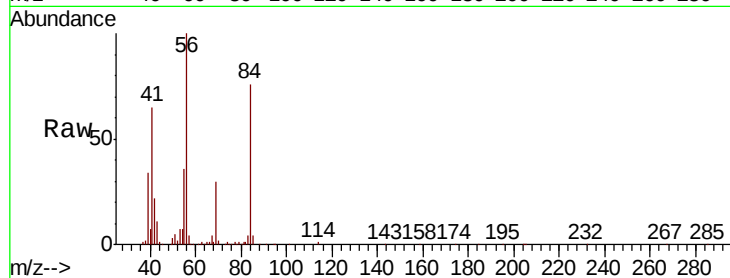




#30
Cvclohexane
Concen: 2.875 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.02 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

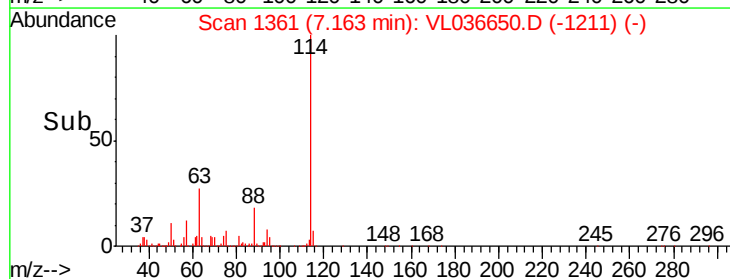
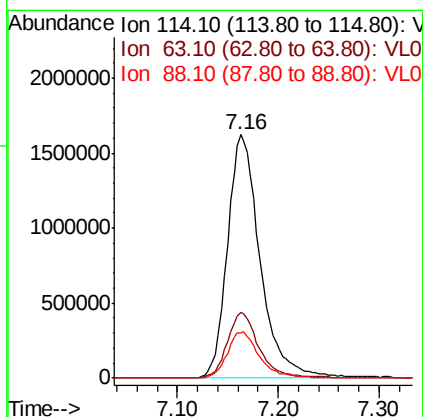
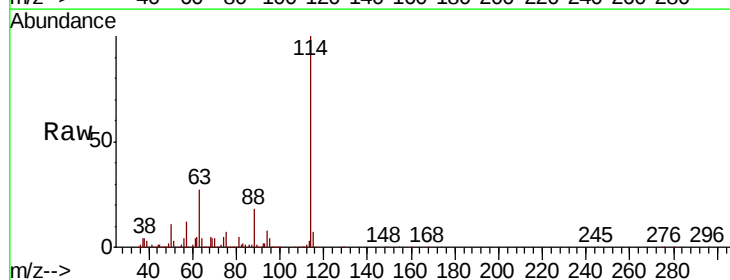
Instrument :
MSVOA_L
ClientSampleId :

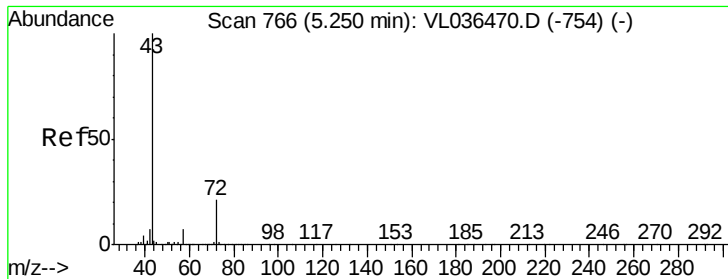
Tot Ion	Ratio	Lower	Upper
84	100		
56	158.5	114.6	171.8
41	87.3	75.3	112.9



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.6	22.4	33.6
88	18.9	15.4	23.0

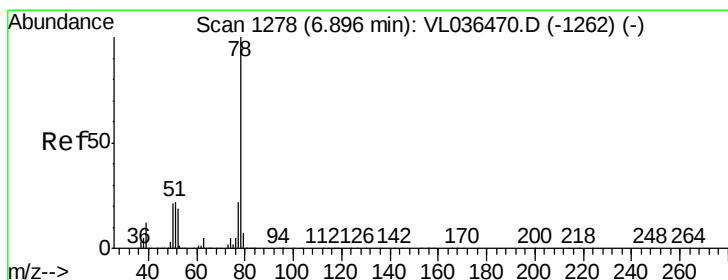
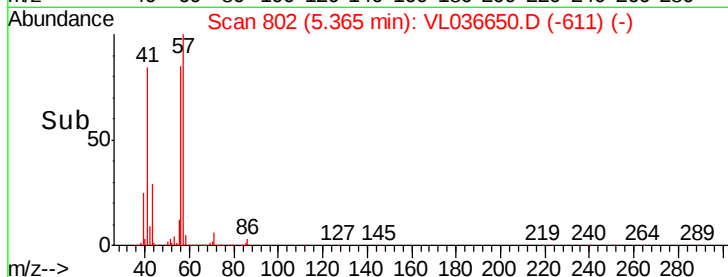
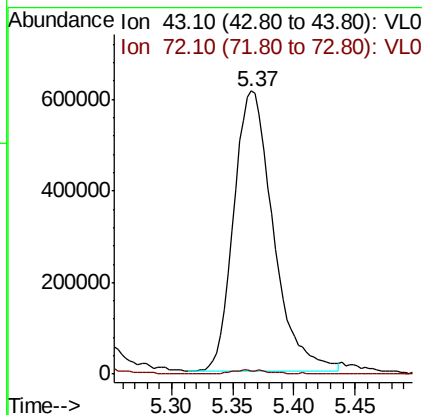
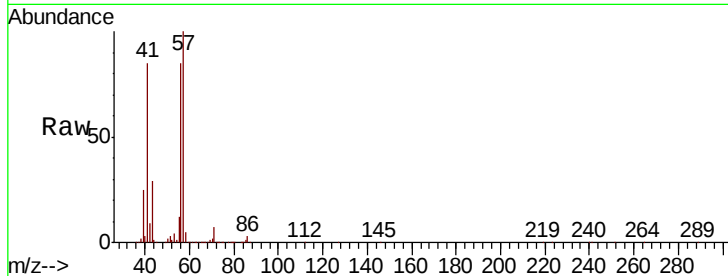




#34
2-Butanone
Concen: 7.685 ppbv
RT: 5.37 min Scan# 802
Delta R.T. 0.12 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

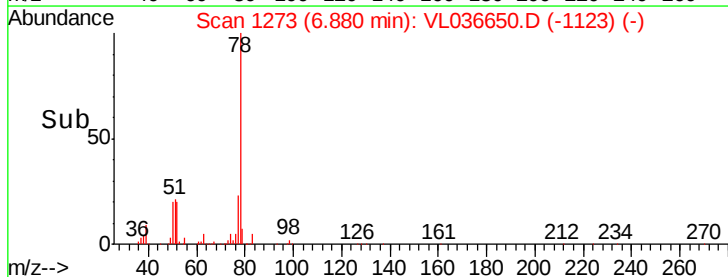
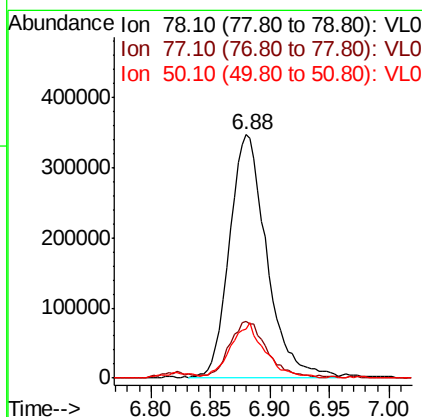
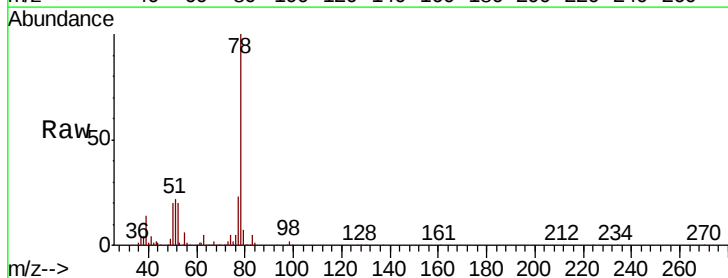
Instrument :
MSVOA_L
ClientSampleId :

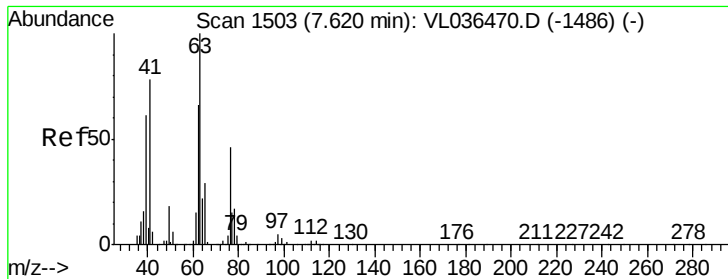
Tot Ion: 43 Resp: 1371137
Ion Ratio Lower Upper
43 100
72 1.3 17.0 25.6#



#36
Benzene
Concen: 2.214 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

Tgt Ion: 78 Resp: 746373
Ion Ratio Lower Upper
78 100
77 22.9 18.0 27.0
50 19.9 16.5 24.7

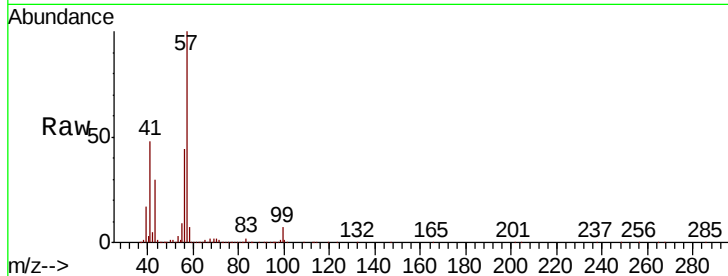




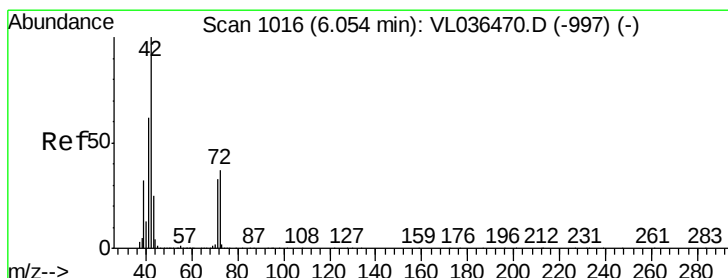
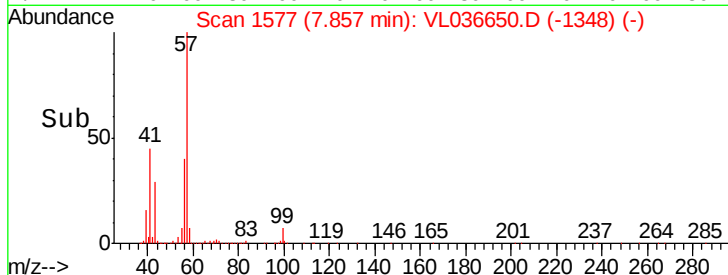
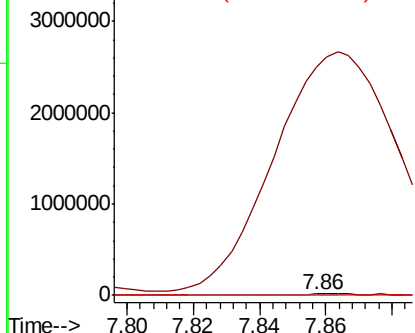
#39
 1,2-Dichloropropane
 Concen: 0.136 ppbv
 RT: 7.86 min Scan# 1577
 Delta R.T. 0.24 min
 Lab File: VL036650.D
 Acq: 2 Apr 2021 18:25

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 18584
 Ion Ratio Lower Upper
 63 100
 41 16874.7 62.4 93.6#
 62 20.2 52.8 79.2#

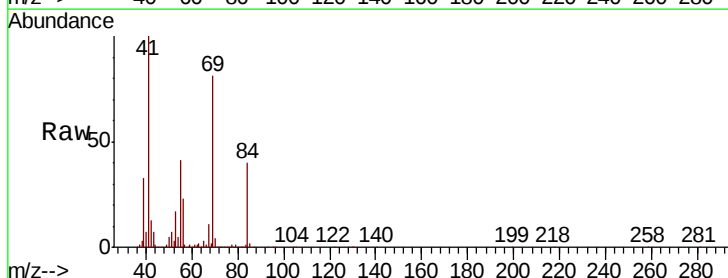


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

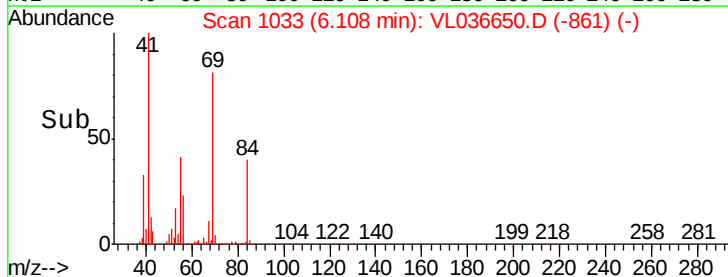
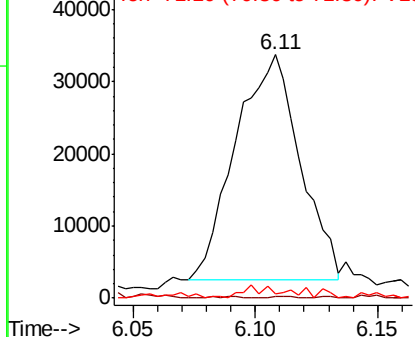


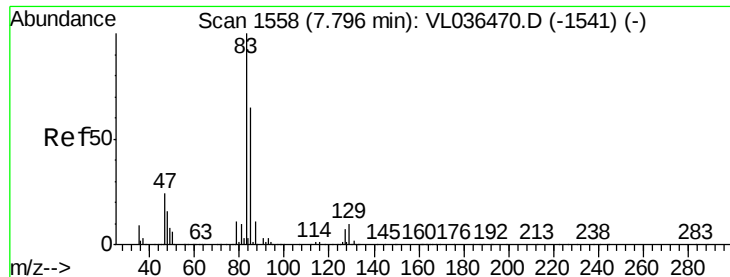
#41
 Tetrahydrofuran
 Concen: 0.697 ppbv
 RT: 6.11 min Scan# 1033
 Delta R.T. 0.05 min
 Lab File: VL036650.D
 Acq: 2 Apr 2021 18:25

Tgt Ion: 42 Resp: 57377
 Ion Ratio Lower Upper
 42 100
 72 1.0 27.6 41.4#
 71 0.0 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





#42

Bromodichloromethane

Concen: 0.435 ppbv

RT: 7.79 min Scan# 1556

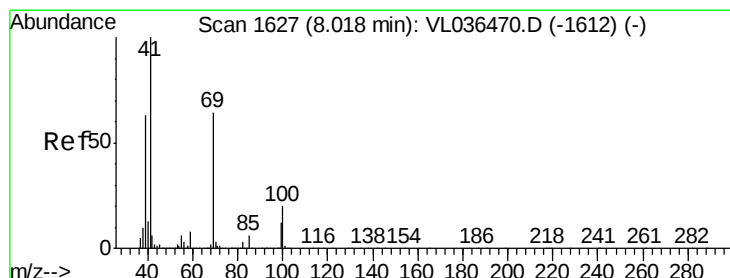
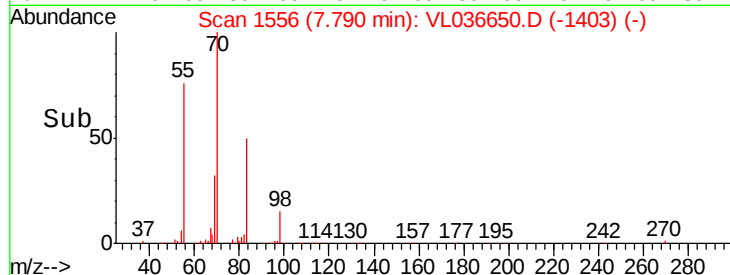
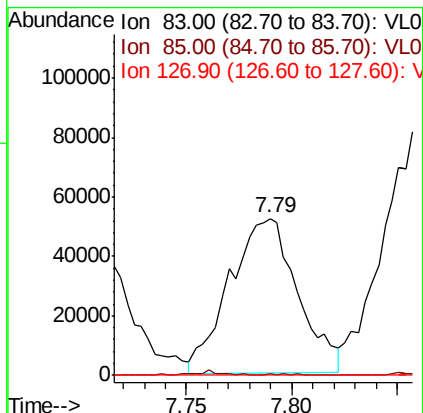
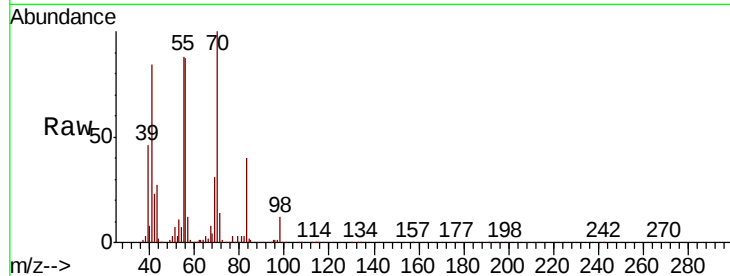
Delta R.T. -0.01 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	83	Resp:	117497
Ion	Ratio	Lower	Upper
83	100		
85	1.5	51.8	77.6#
127	0.0	5.8	8.8#



#43

Methyl Methacrylate

Concen: 0.278 ppbv

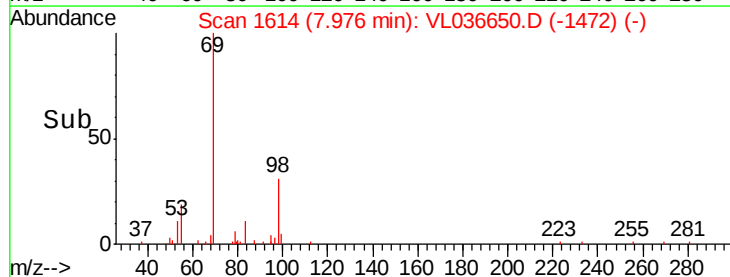
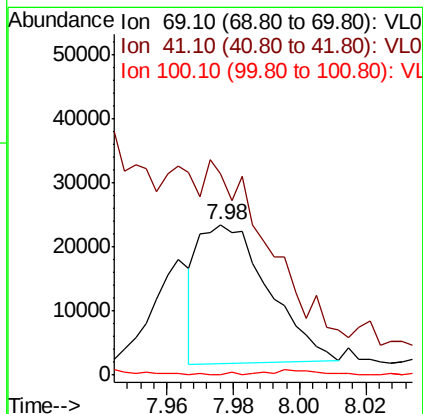
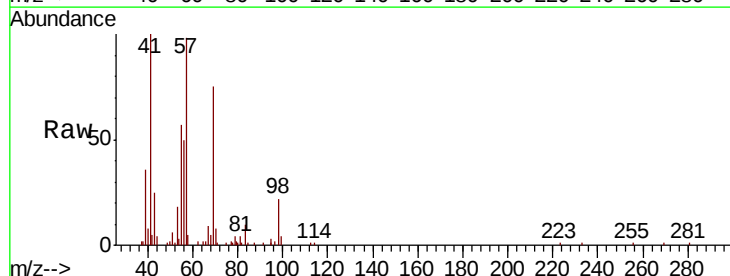
RT: 7.98 min Scan# 1614

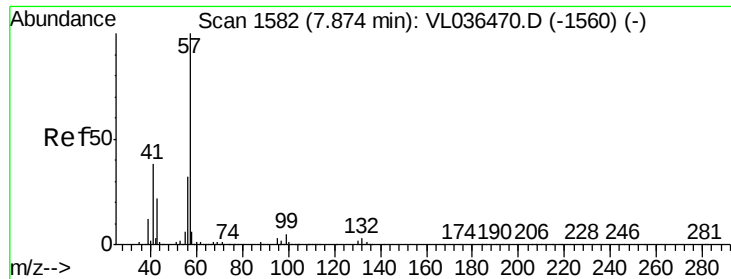
Delta R.T. -0.04 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

Tgt Ion:	69	Resp:	31504
Ion	Ratio	Lower	Upper
69	100		
41	0.0	126.8	190.2#
100	0.0	24.9	37.3#

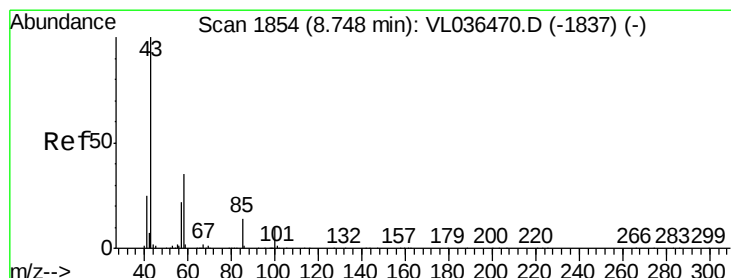
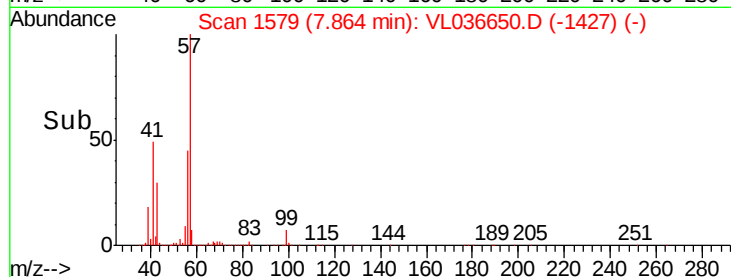
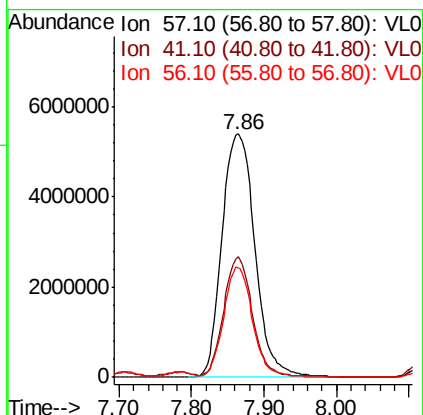
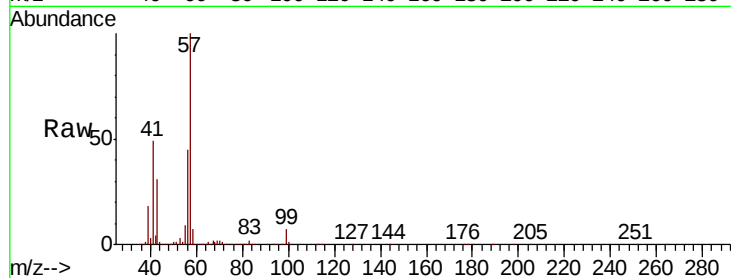




#44
 2,2,4-Trimethylpentane
 Concen: 28.521 ppbv
 RT: 7.86 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: VL036650.D
 Acq: 2 Apr 2021 18:25

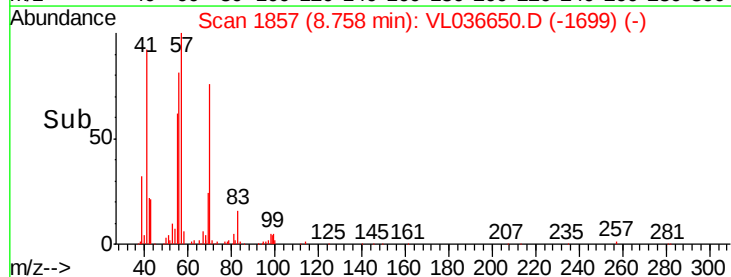
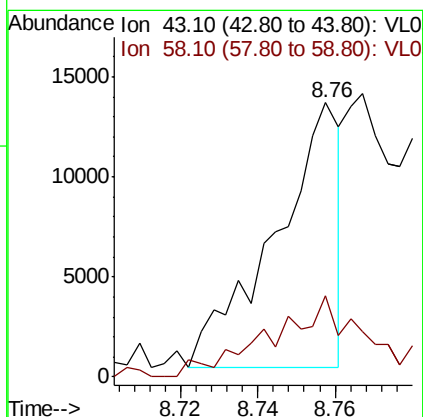
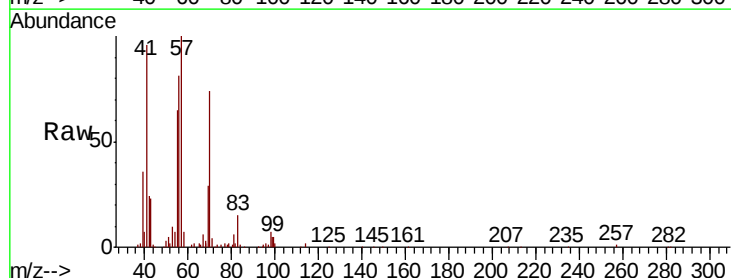
Instrument :
 MSVOA_L
 ClientSampleId :

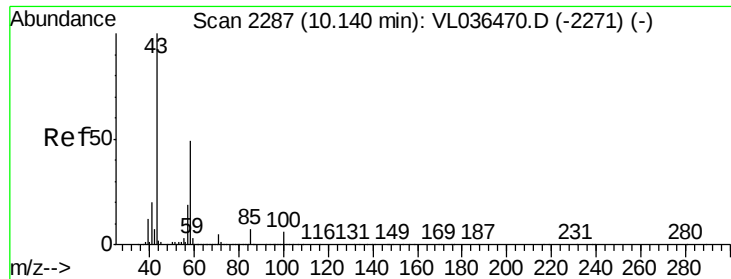
Tot Ion: 57 Resp:16920745
 Ion Ratio Lower Upper
 57 100
 41 44.1 28.8 43.2#
 56 40.2 26.1 39.1#



#50
 4-Methyl-2-Pentanone
 Concen: 0.060 ppbv
 RT: 8.76 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: VL036650.D
 Acq: 2 Apr 2021 18:25

Tgt Ion: 43 Resp: 15587
 Ion Ratio Lower Upper
 43 100
 58 58.0 28.2 42.2#





#51

2-Hexanone

Concen: 1.660 ppbv

RT: 10.10 min Scan# 2274

Delta R.T. -0.04 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

Instrument :

MSVOA_L

ClientSampled :

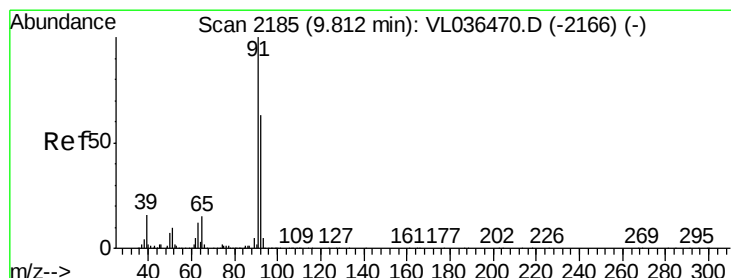
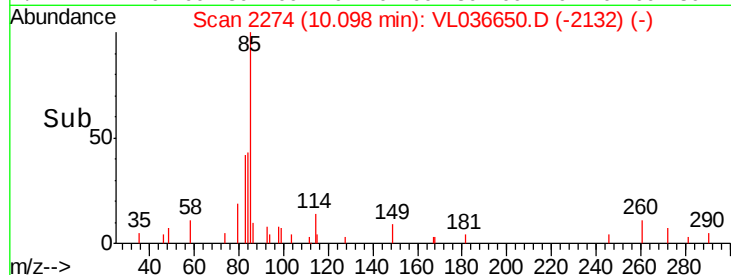
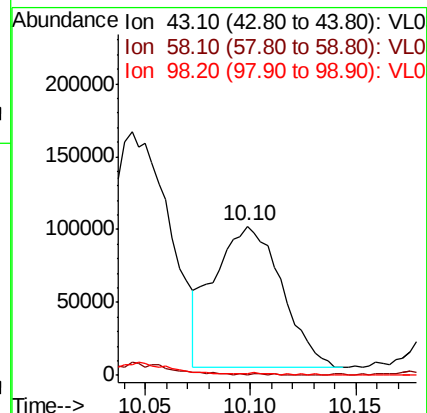
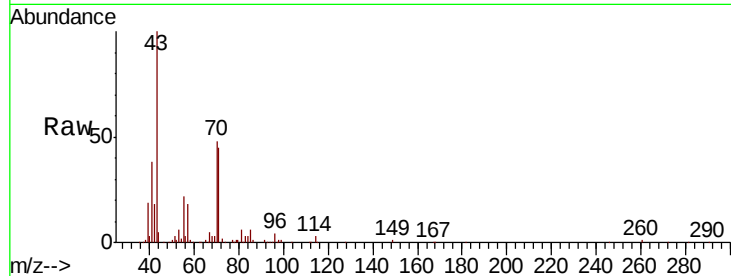
Tot Ion: 43 Resp: 216248

Ion Ratio Lower Upper

43 100

58 3.1 37.7 56.5#

98 1.2 0.2 0.2#



#53

Toluene

Concen: 0.254 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.02 min

Lab File: VL036650.D

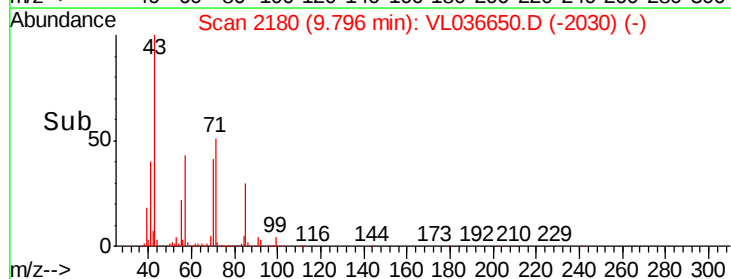
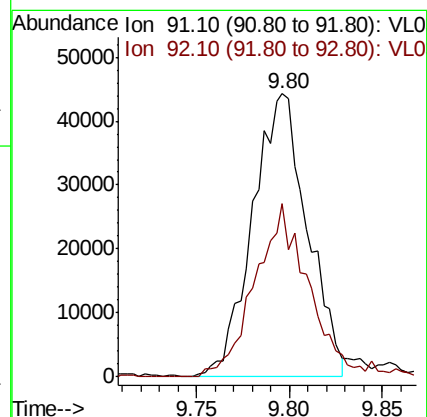
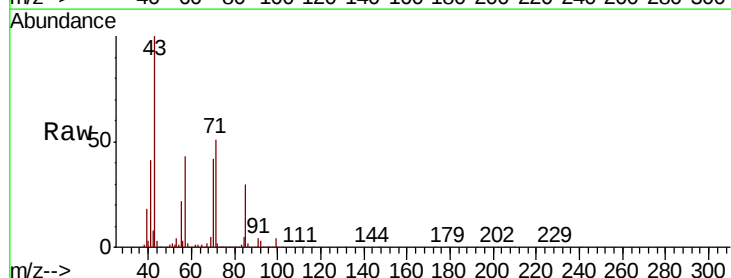
Acq: 2 Apr 2021 18:25

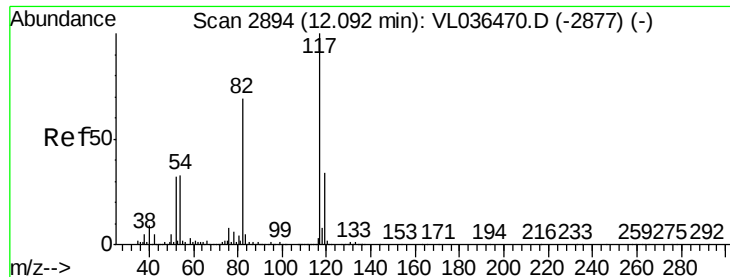
Tgt Ion: 91 Resp: 91204

Ion Ratio Lower Upper

91 100

92 61.7 48.8 73.2

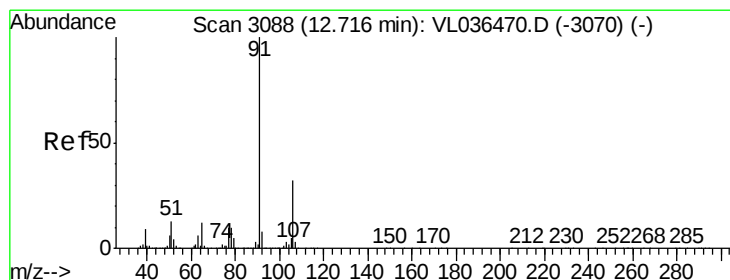
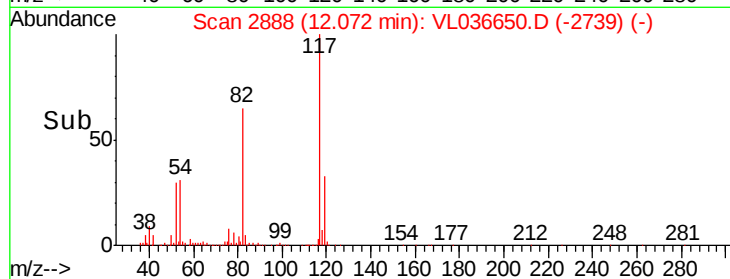
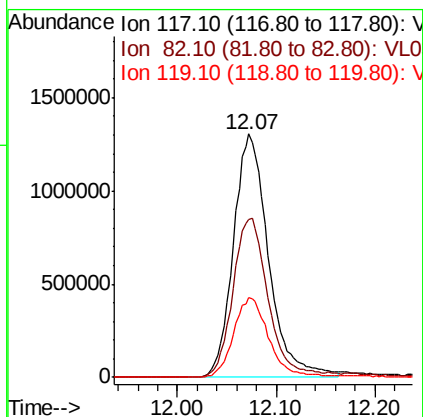
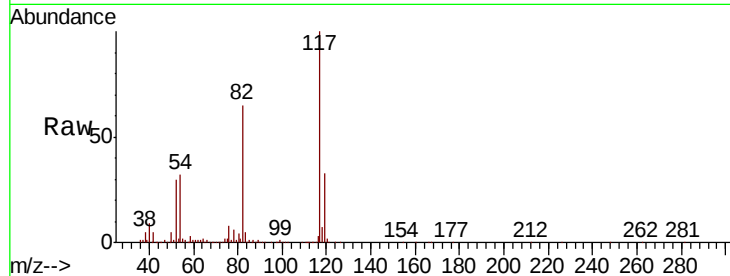




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

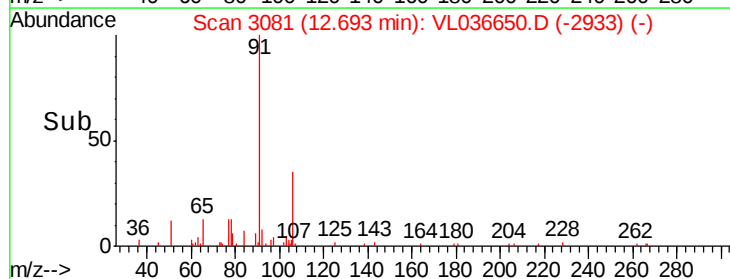
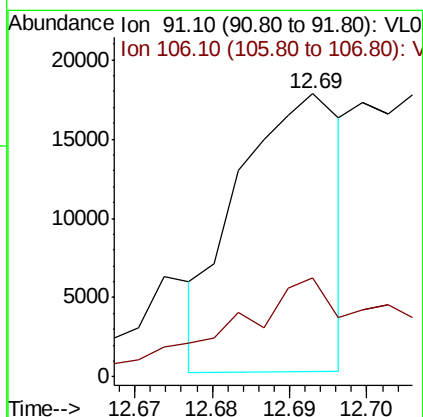
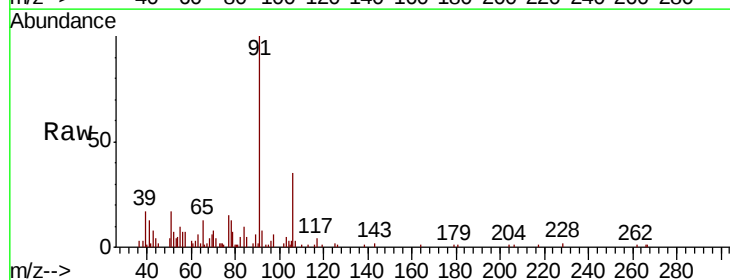
Instrument :
MSVOA_L
ClientSampleId :

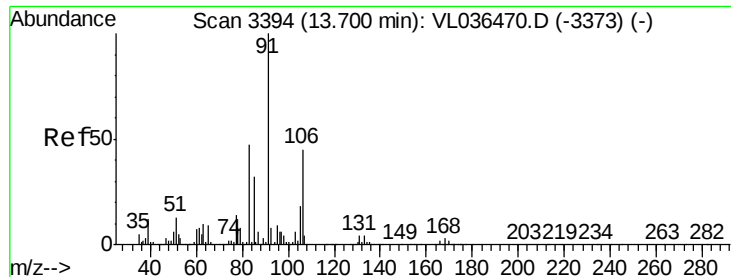
Tot Ion:117 Resp: 3235207
Ion Ratio Lower Upper
117 100
82 68.3 57.4 86.0
119 33.4 47.4 71.0#



#58
Ethyl Benzene
Concen: 0.034 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

Tgt Ion: 91 Resp: 16178
Ion Ratio Lower Upper
91 100
106 34.4 25.3 37.9

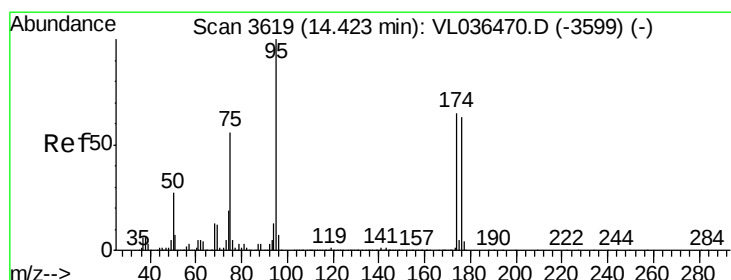
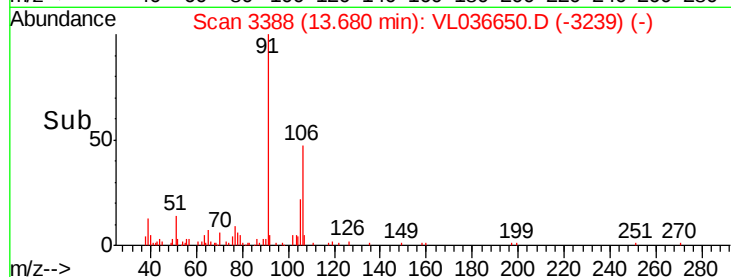
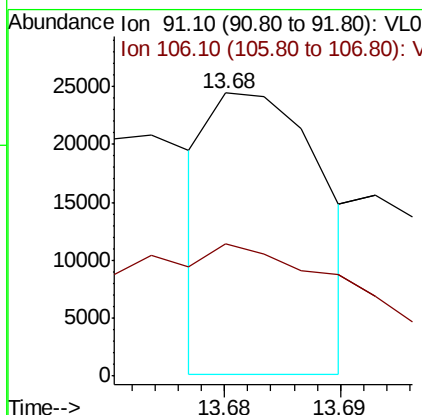
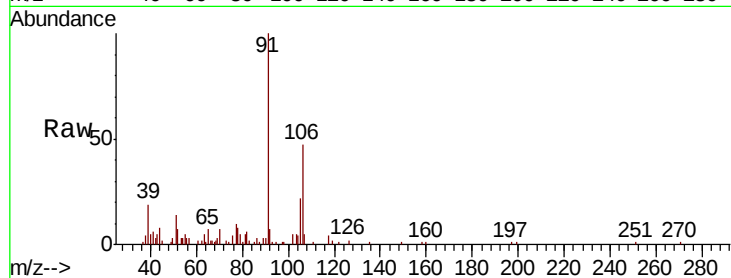




#60
o-Xylene
Concen: 0.041 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.02 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

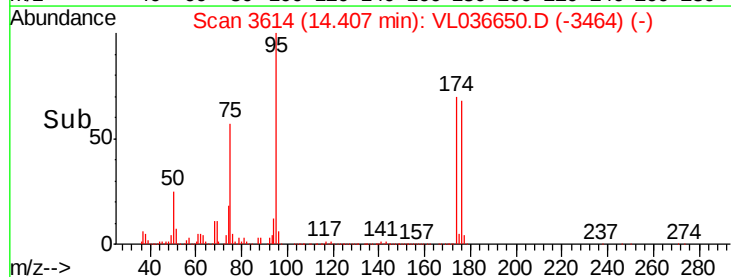
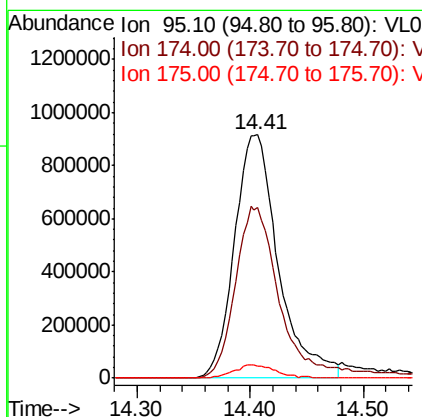
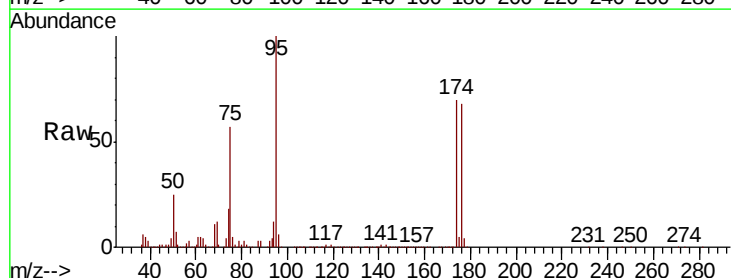
Instrument :
MSVOA_L
ClientSampled :

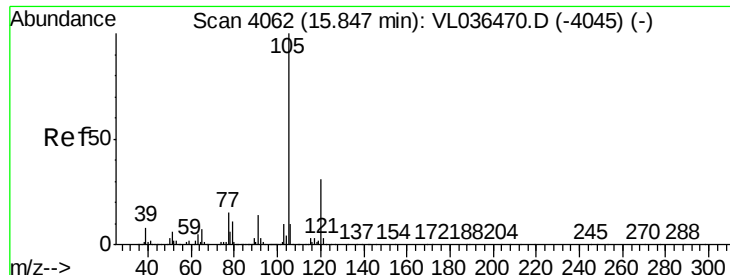
Tot Ion: 91 Resp: 16275
Ion Ratio Lower Upper
91 100
106 164.7 22.3 66.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.598 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.02 min
Lab File: VL036650.D
Acq: 2 Apr 2021 18:25

Tgt Ion: 95 Resp: 2474766
Ion Ratio Lower Upper
95 100
174 74.8 51.0 76.6
175 5.7 3.9 5.9





#72

4-Ethyltoluene

Concen: 0.024 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. -0.02 min

Lab File: VL036650.D

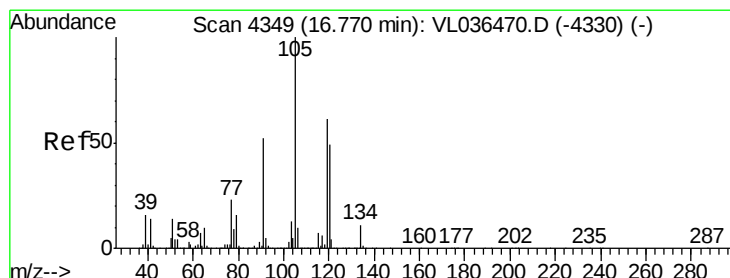
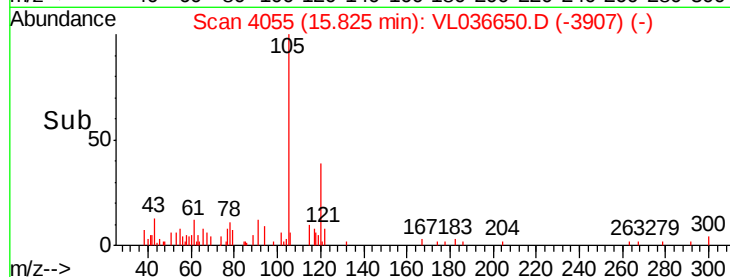
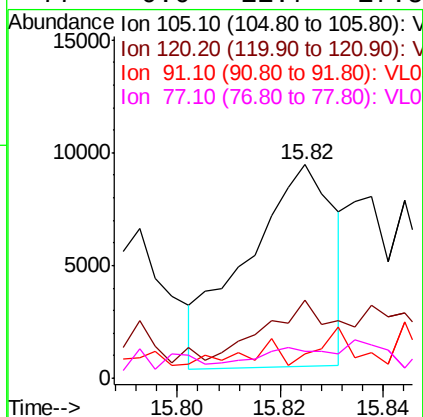
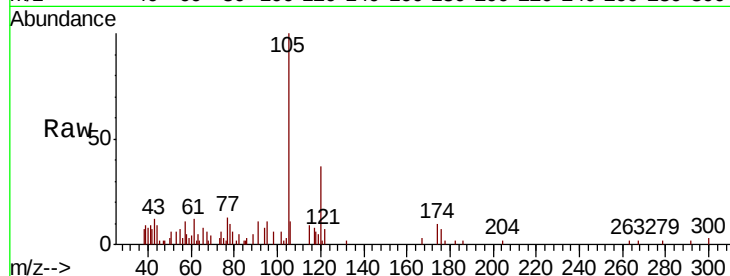
Acq: 2 Apr 2021 18:25

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	10544
Ion	Ratio	Lower	Upper
105	100		
120	90.1	24.0	36.0#
91	0.0	11.0	16.4#
77	0.0	11.7	17.5#



#74

1,2,4-Trimethylbenzene

Concen: 0.062 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.02 min

Lab File: VL036650.D

Acq: 2 Apr 2021 18:25

Tgt Ion:	105	Resp:	26911
Ion	Ratio	Lower	Upper
105	100		
120	43.9	39.2	58.8
91	14.2	42.6	64.0#
77	11.0	18.6	28.0#

