

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041221\
 Data File : VL036789.D
 Acq On : 12 Apr 2021 14:40
 Operator : SY/AP
 Sample : M1877-10 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-7(2021)

Manual Integrations
 APPROVED

apatel
 4/13/2021 10:43:01 AM

Quant Time: Apr 12 19:07:29 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 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	5.68	49	1574008	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3825100	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	3069207	10.00	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2039171	8.34	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	24256	0.094	ppbv	99
3) Chlorodifluoromethane	3.00	51	49118	0.167	ppbv	92
4) Chloromethane	3.15	50	22304	0.215	ppbv	92
9) Propene	3.01	41	158754	1.693	ppbv	97
10) Heptane	8.14	43	63620m	0.266	ppbv	
11) Trichlorofluoromethane	3.96	101	41362m	0.158	ppbv	
13) Ethanol	3.64	45	12268855	1098.933	ppbv	95
15) Acetone	3.85	43	7453271m	48.111	ppbv	
17) tert-Butyl alcohol	4.33	59	213842	1.586	ppbv #	72
19) Isopropyl Alcohol	4.01	45	4258622	49.972	ppbv #	95
20) Methylene Chloride	4.36	84	398718	5.497	ppbv	94
26) Hexane	5.70	57	693852	4.060	ppbv #	46
30) Cyclohexane	7.14	84	52955	0.382	ppbv #	1
34) 2-Butanone	5.27	43	95136m	0.510	ppbv	
35) Carbon Tetrachloride	7.03	117	14094m	0.048	ppbv	
36) Benzene	6.90	78	155498	0.441	ppbv #	86
44) 2,2,4-Trimethylpentane	7.88	57	2058085	3.315	ppbv	97
52) Tetrachloroethene	11.25	164	10250m	0.079	ppbv	
53) Toluene	9.82	91	164194	0.437	ppbv	100
58) Ethyl Benzene	12.73	91	68544	0.154	ppbv	92
59) m/p-Xylene	12.99	91	124451m	0.320	ppbv	
60) o-Xylene	13.72	91	67998m	0.181	ppbv	
61) Styrene	13.55	104	62870m	0.332	ppbv	
62) Isopropylbenzene	14.69	105	60412m	0.119	ppbv	
64) n-propylbenzene	15.58	120	24279m	0.196	ppbv	
65) tert-Butylbenzene	16.77	119	68922m	0.157	ppbv	
67) sec-Butylbenzene	17.32	105	68870	0.111	ppbv	93
69) p-Isopropyltoluene	17.67	119	114538m	0.236	ppbv	
72) 4-Ethyltoluene	15.86	105	97240	0.236	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	95695	0.248	ppbv	91
74) 1,2,4-Trimethylbenzene	16.78	105	242784	0.589	ppbv #	72
75) 1,3-Dichlorobenzene	17.00	146	28700m	0.124	ppbv	
78) Hexachloro-1,3-Butadiene	23.40	225	28361m	0.145	ppbv	
79) Naphthalene	22.23	128	30512m	0.127	ppbv	
81) 1,2,4-Trichlorobenzene	21.97	180	9438	0.064	ppbv #	1

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

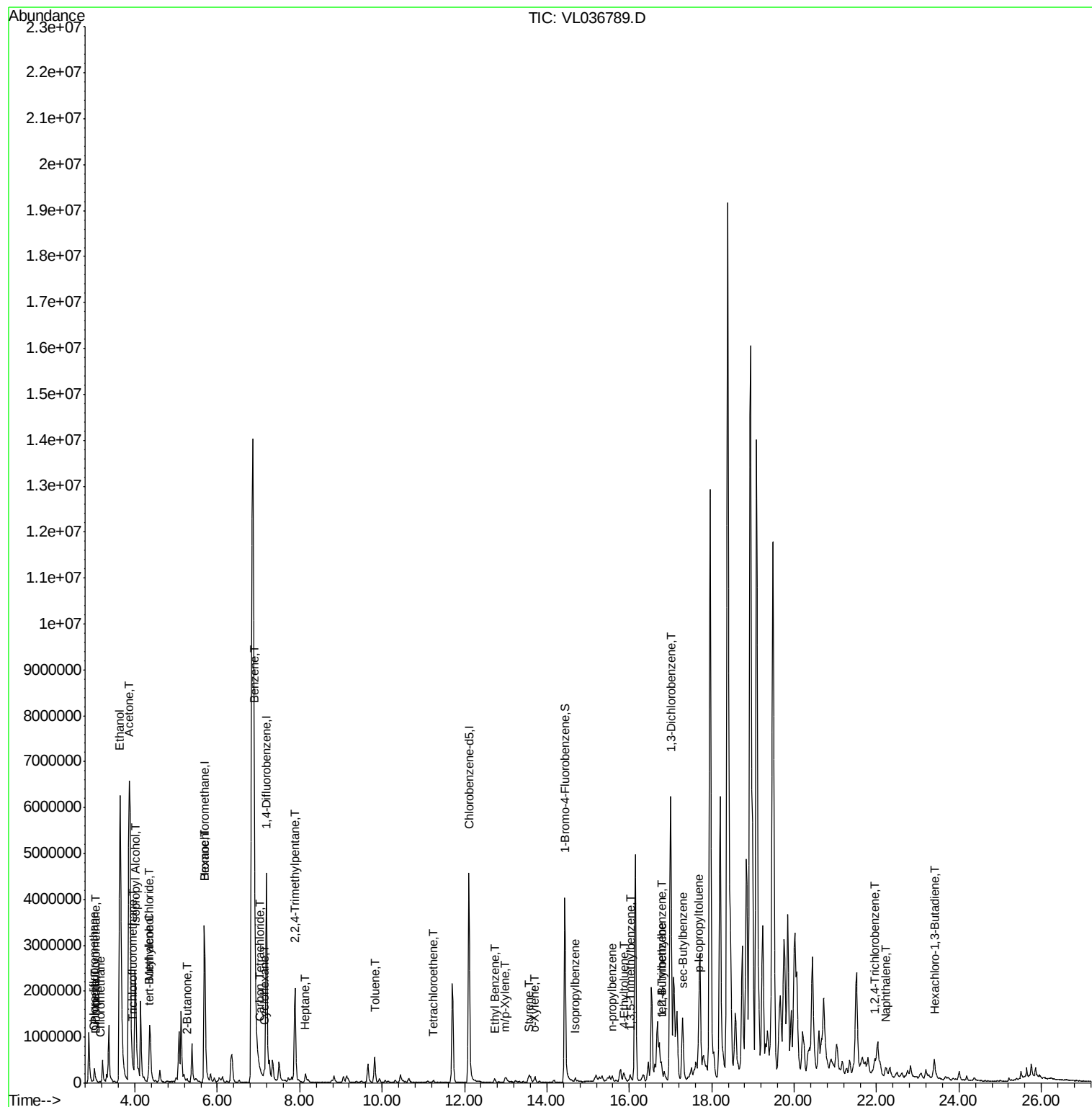
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041221\
Data File : VL036789.D
Acq On : 12 Apr 2021 14:40
Operator : SY/AP
Sample : M1877-10 2X
Misc : 400mL/MSVOA L
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Instrument :
MSVOA_L
ClientSampleId :
UP-SG-7(2021)

Manual Integrations
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Quant Time: Apr 12 19:07:29 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-7(2021)

Tot Ion: 49 Resp: 1574008

Ion Ratio Lower Upper

49 100

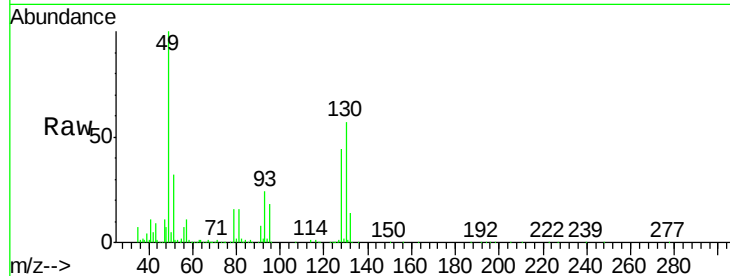
128 45.4 23.5 70.6

130 56.8 29.1 87.4

Manual Integrations
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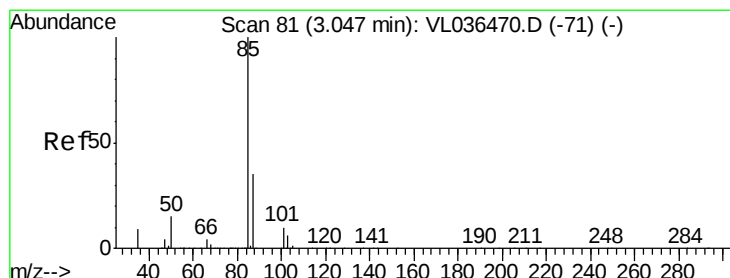
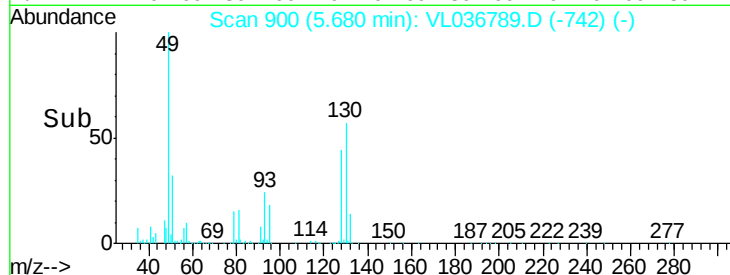
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 0.094 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL036789.D

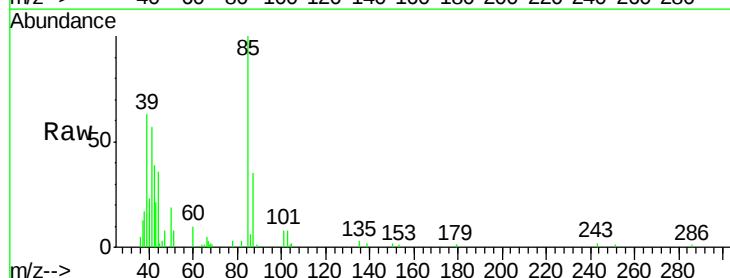
Acq: 12 Apr 2021 14:40

Tgt Ion: 85 Resp: 24256

Ion Ratio Lower Upper

85 100

87 35.4 27.8 41.8

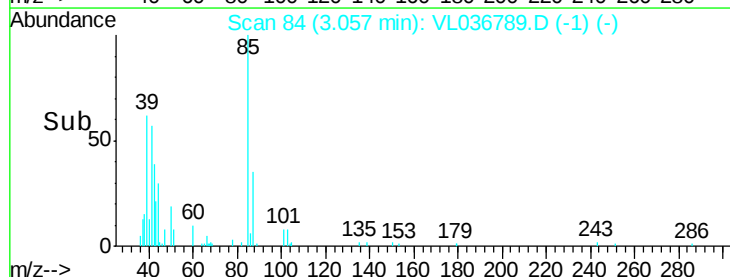


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.06

Time-->





#3

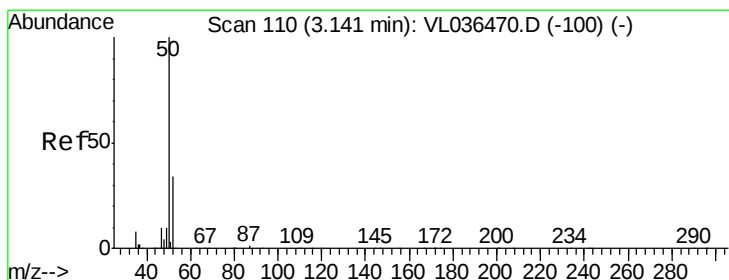
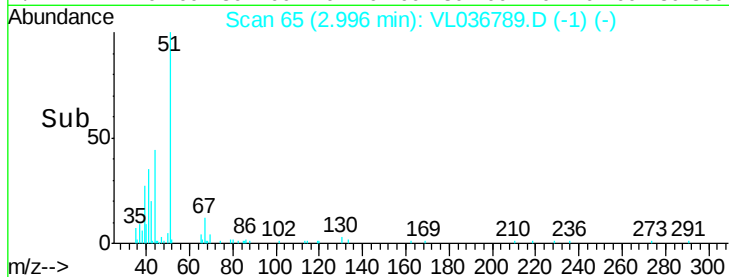
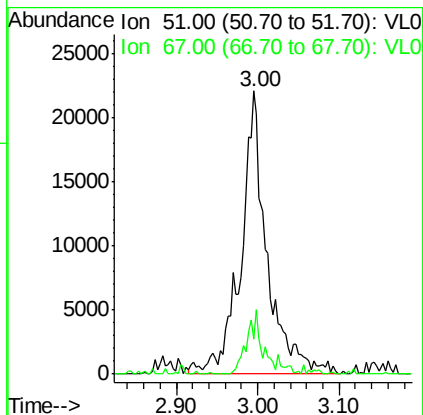
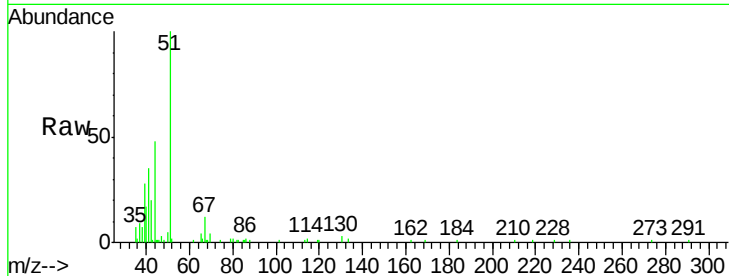
Chlorodifluoromethane
Concen: 0.167 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.01 min
Lab File: VL036789.D
Acq: 12 Apr 2021 14:40

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-7(2021)

Tot Ion	Ratio	Lower	Upper
51	100		
67	15.0	14.7	22.1

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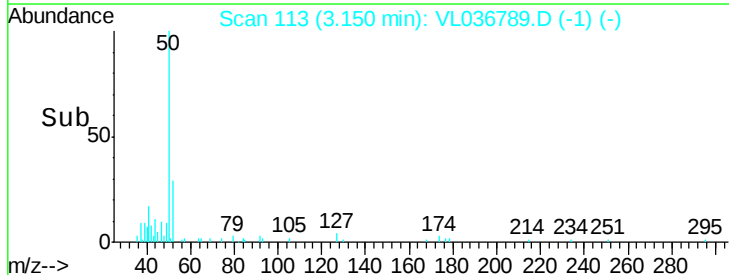
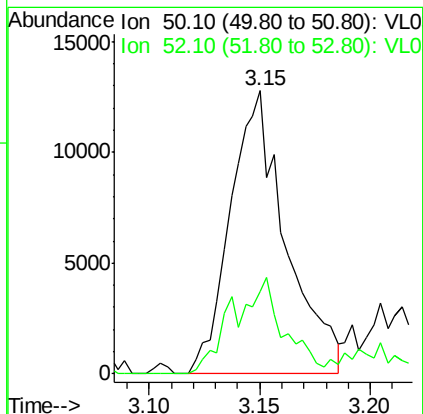
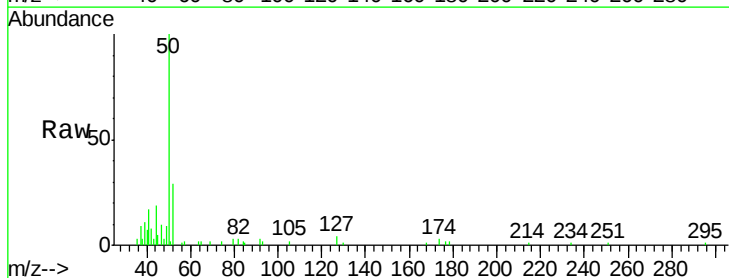
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#4

Chloromethane
Concen: 0.215 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.01 min
Lab File: VL036789.D
Acq: 12 Apr 2021 14:40

Tgt Ion	Ratio	Lower	Upper
50	100		
52	29.0	27.0	40.6





#9

Propene

Concen: 1.693 ppbv

RT: 3.01 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-7(2021)

Tot Ion: 41 Resp: 158754

Ion Ratio Lower Upper

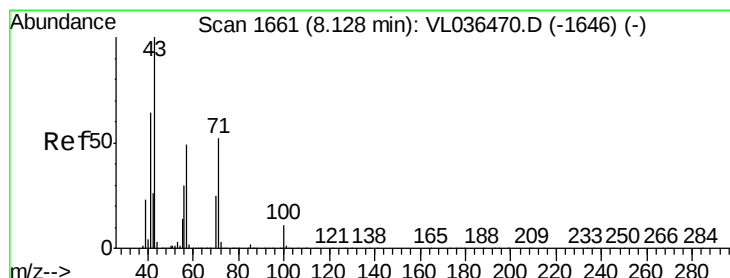
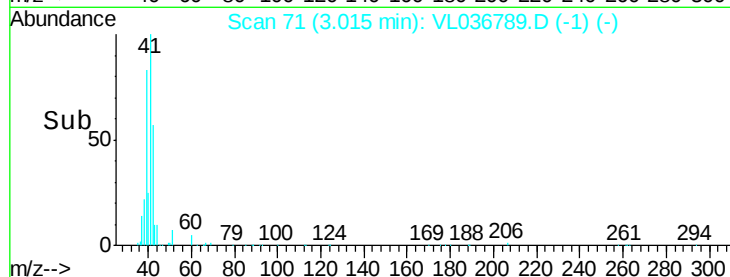
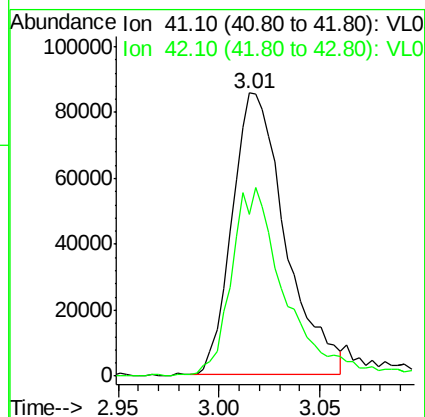
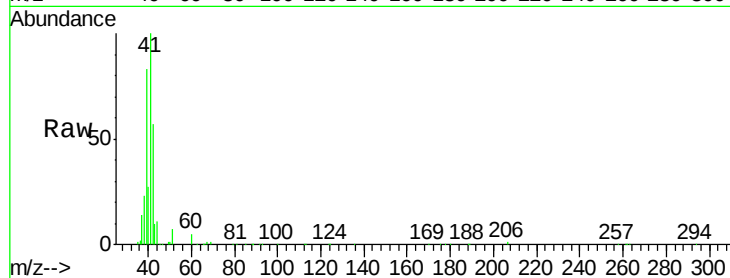
41 100

42 68.4 57.0 85.4

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#10

Heptane

Concen: 0.266 ppbv m

RT: 8.14 min Scan# 1666

Delta R.T. 0.02 min

Lab File: VL036789.D

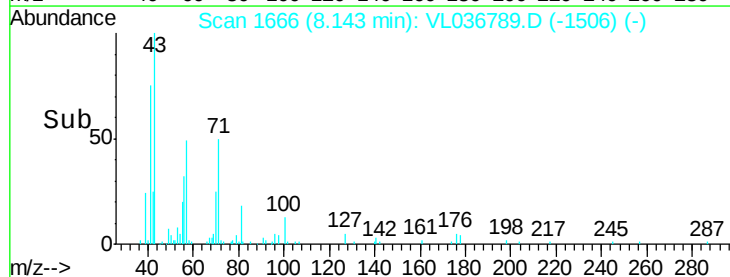
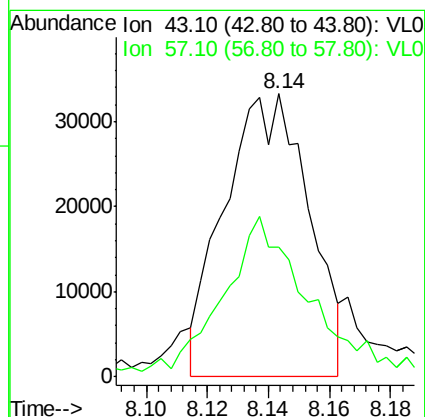
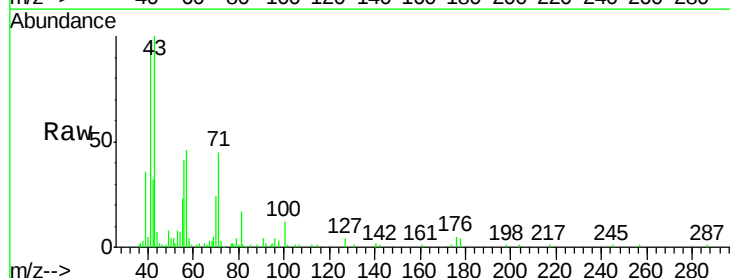
Acq: 12 Apr 2021 14:40

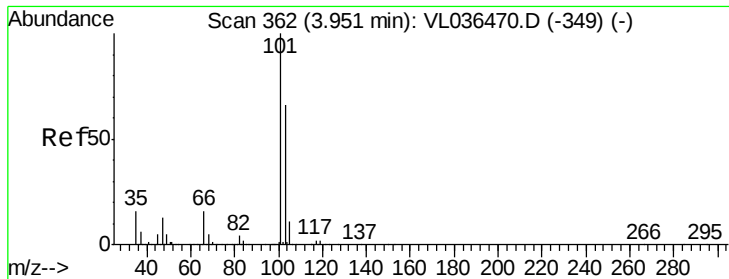
Tgt Ion: 43 Resp: 63620

Ion Ratio Lower Upper

43 100

57 0.0 39.0 58.6#





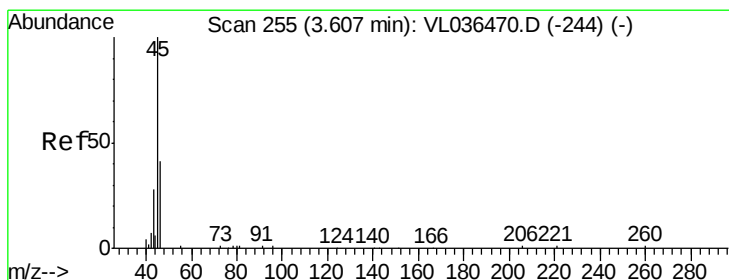
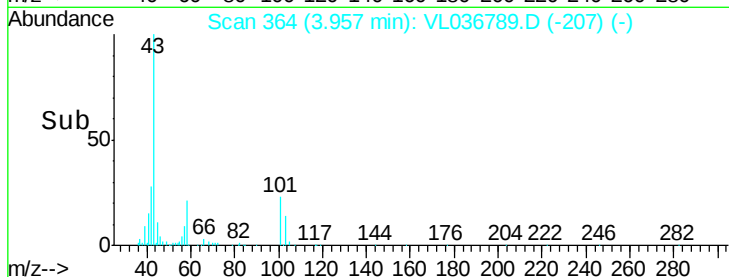
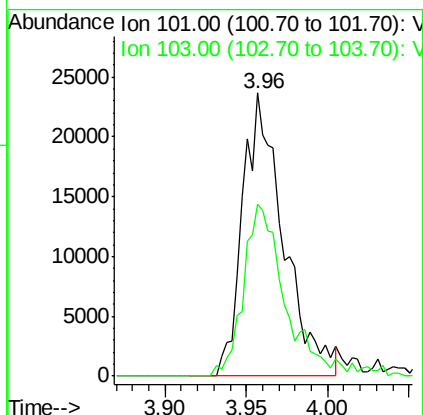
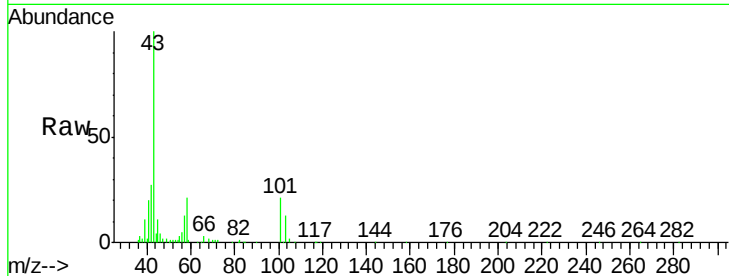
#11
 Trichlorofluoromethane
 Concen: 0.158 ppbv m
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VL036789.D
 Acq: 12 Apr 2021 14:40

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-7(2021)

Tot Ion:101 Resp: 41362
 Ion Ratio Lower Upper
 101 100
 103 60.8 52.5 78.7

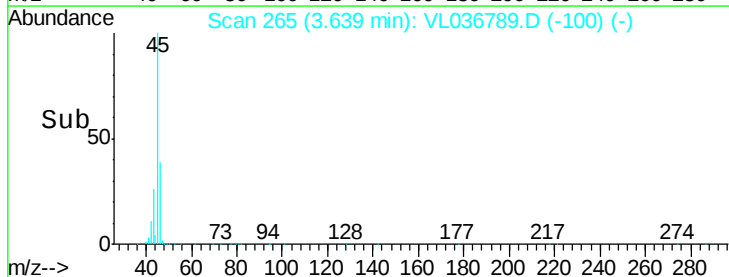
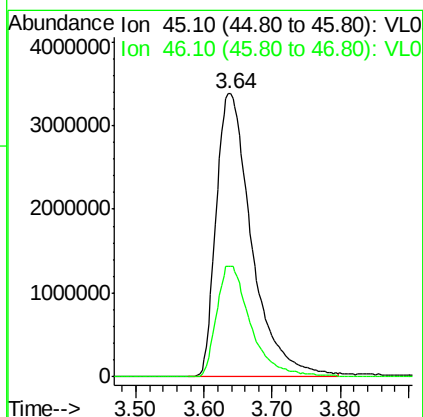
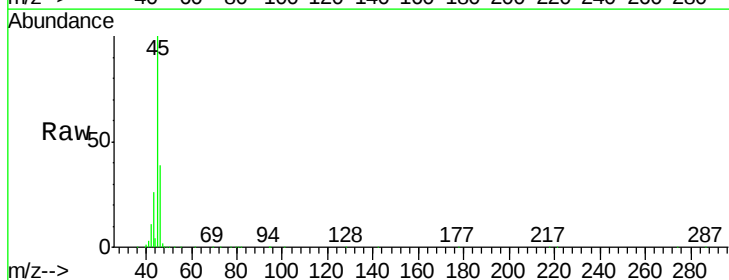
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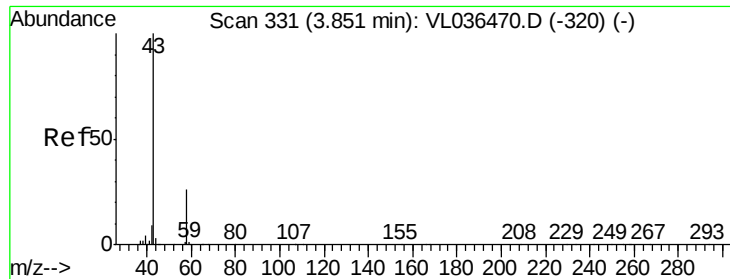
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#13
 Ethanol
 Concen: 1098.933 ppbv
 RT: 3.64 min Scan# 265
 Delta R.T. 0.03 min
 Lab File: VL036789.D
 Acq: 12 Apr 2021 14:40

Tgt Ion: 45 Resp:12268855
 Ion Ratio Lower Upper
 45 100
 46 38.1 16.6 66.2





#15

Acetone

Concen: 48.111 ppbv m

RT: 3.85 min Scan# 331

Delta R.T. -0.00 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-7(2021)

Tot Ion: 43 Resp: 7453271

Ion Ratio Lower Upper

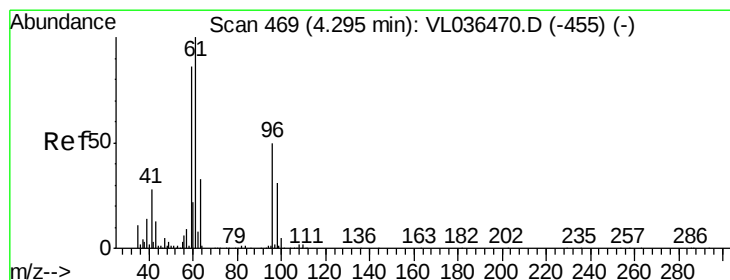
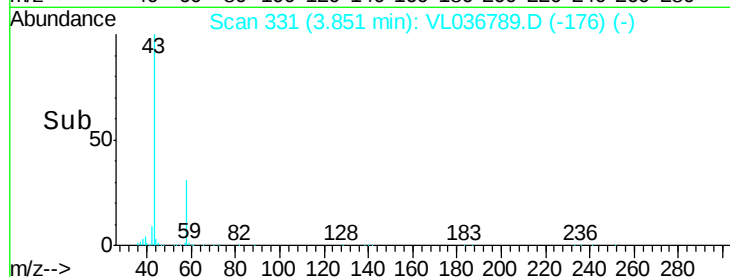
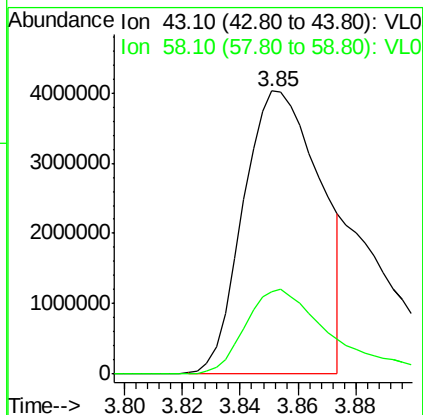
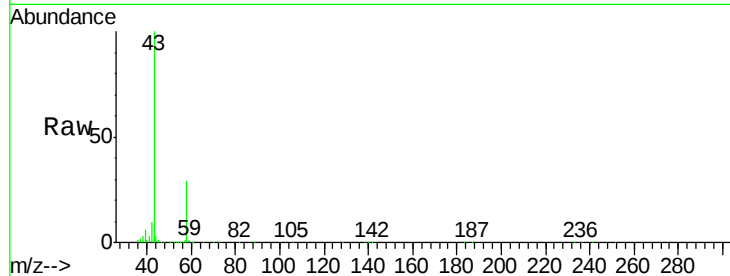
43 100

58 35.7 21.2 31.8#

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#17

tert-Butyl alcohol

Concen: 1.586 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.04 min

Lab File: VL036789.D

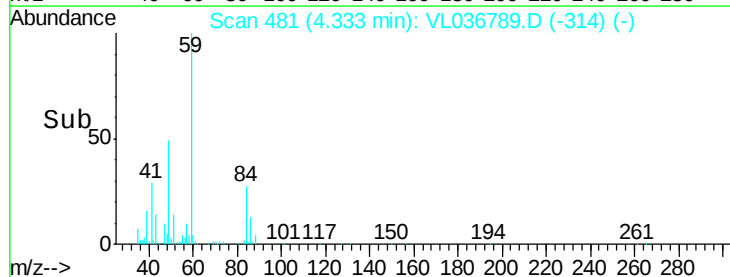
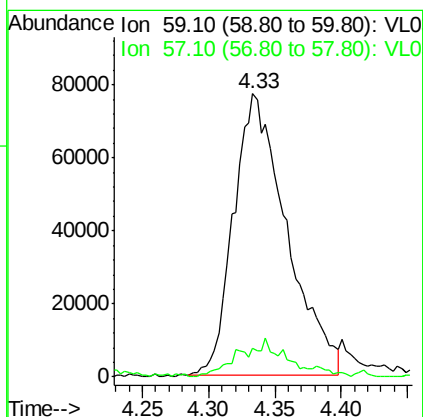
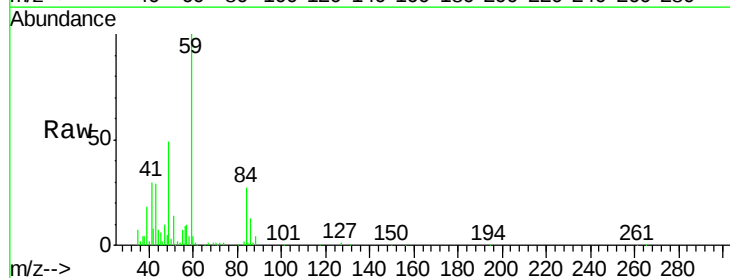
Acq: 12 Apr 2021 14:40

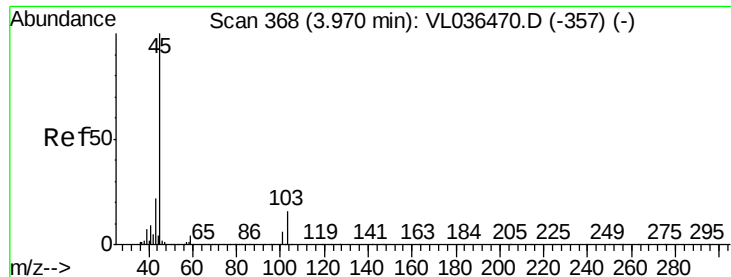
Tgt Ion: 59 Resp: 213842

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 49.972 ppbv

RT: 4.01 min Scan# 379

Delta R.T. 0.04 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-7(2021)

Tot Ion: 45 Resp: 4258622

Ion Ratio Lower Upper

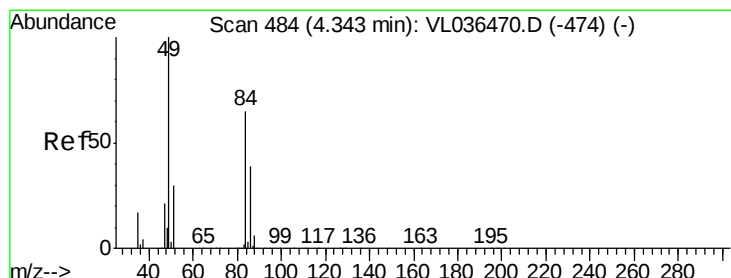
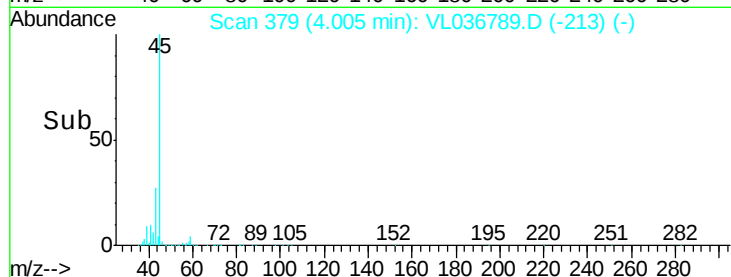
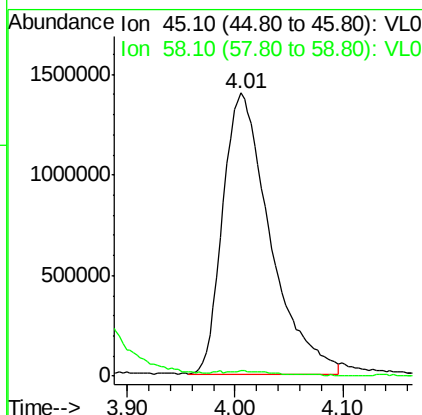
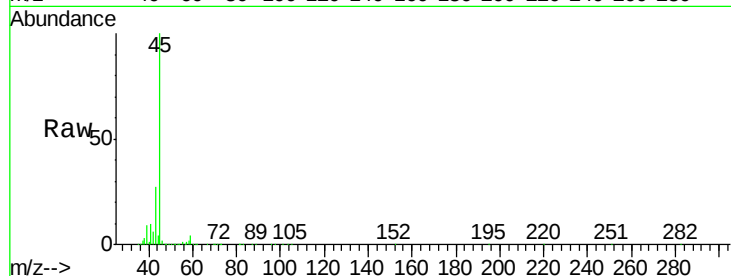
45 100

58 2.1 2.9 4.3#

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#20

Methylene Chloride

Concen: 5.497 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.01 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Tgt Ion: 84 Resp: 398718

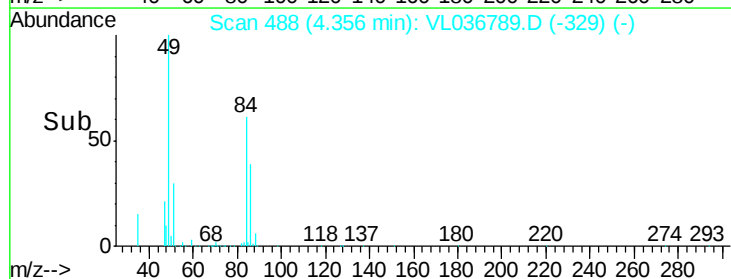
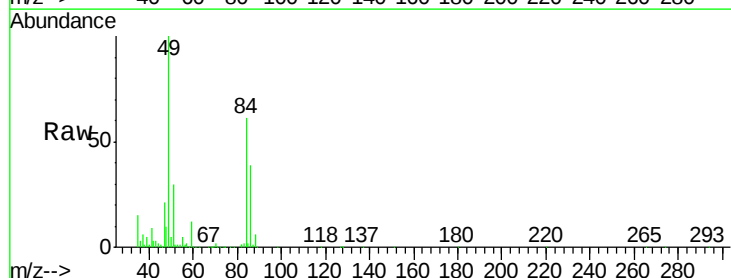
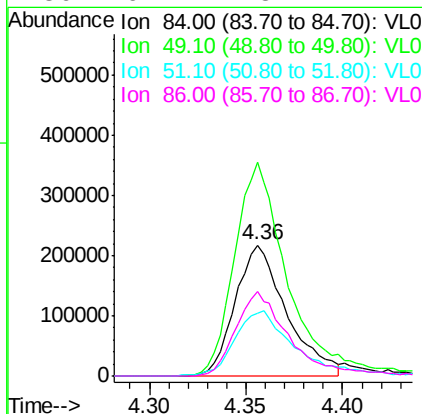
Ion Ratio Lower Upper

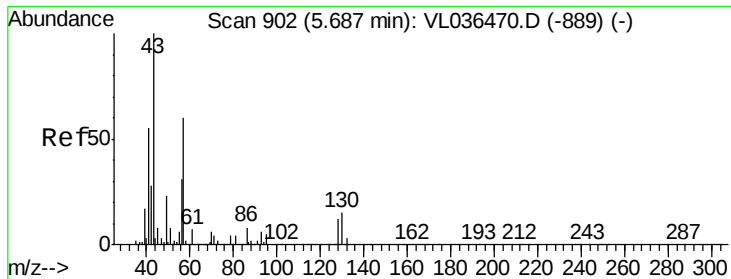
84 100

49 162.3 122.9 184.3

51 47.7 36.9 55.3

86 64.1 48.2 72.4





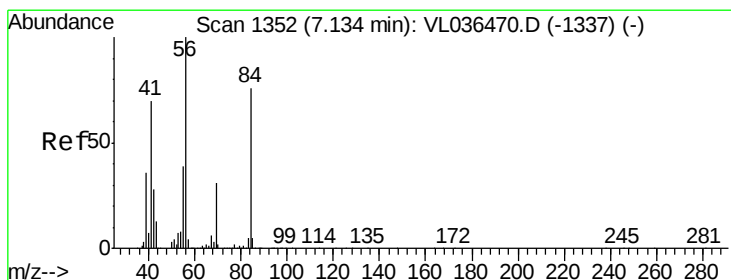
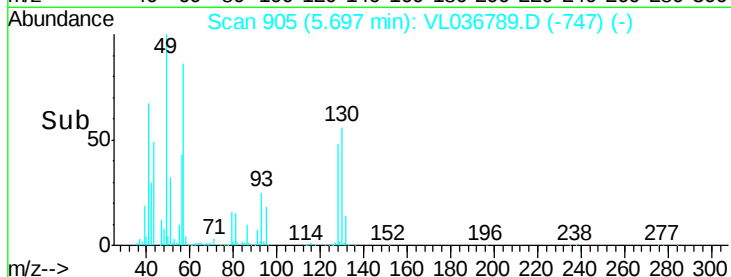
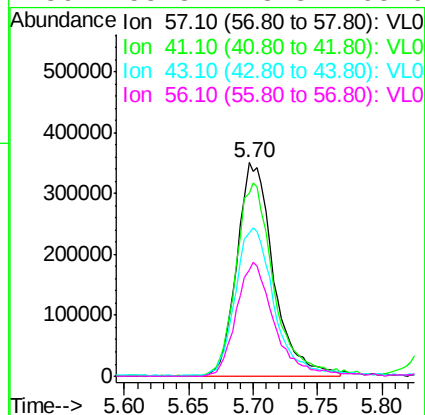
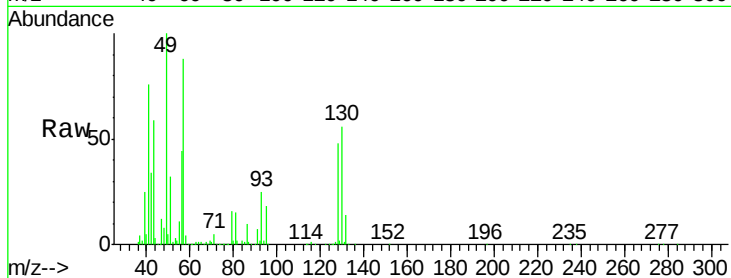
#26
Hexane
Concen: 4.060 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL036789.D
Acq: 12 Apr 2021 14:40

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-7(2021)

Tot Ion	57	Resp	693852
Ion	Ratio	Lower	Upper
57	100		
41	94.2	77.2	115.8
43	74.6	173.8	260.6#
56	55.8	43.8	65.6

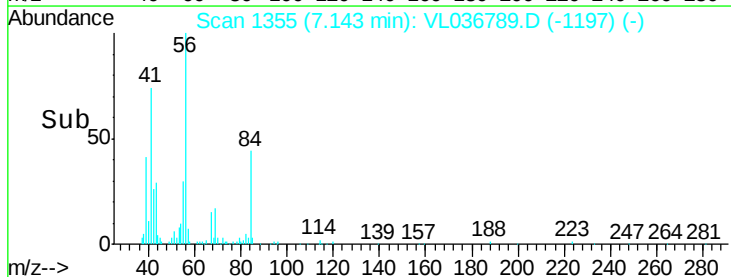
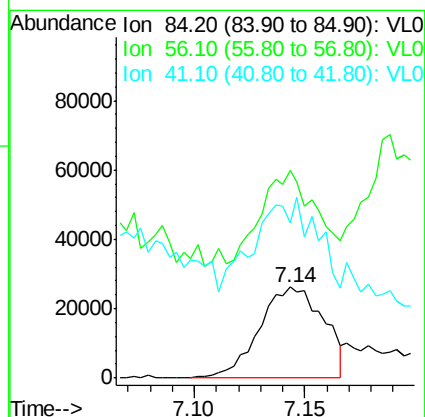
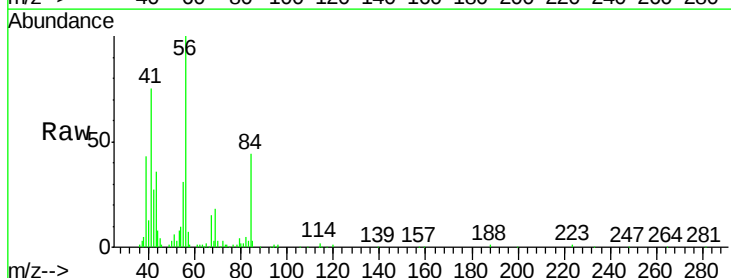
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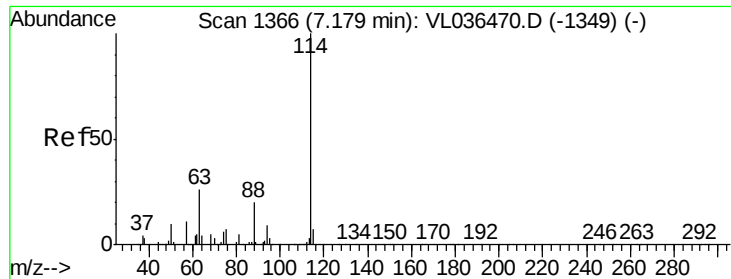
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#30
Cyclohexane
Concen: 0.382 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL036789.D
Acq: 12 Apr 2021 14:40

Tgt Ion	84	Resp	52955
Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.6	171.8#
41	0.0	75.3	112.9#





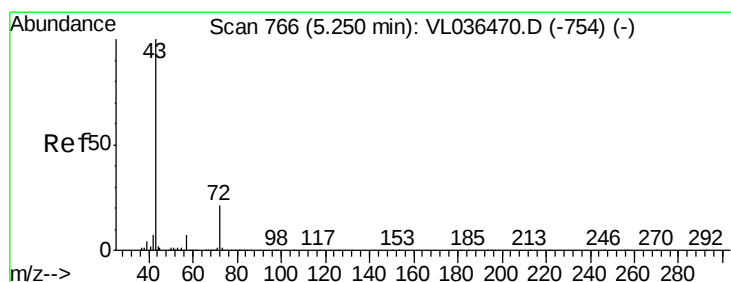
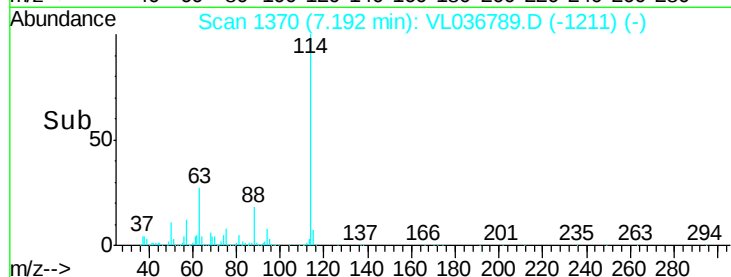
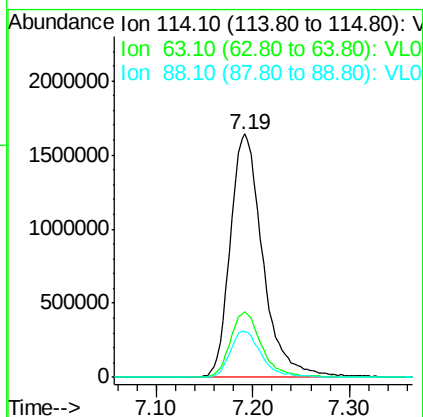
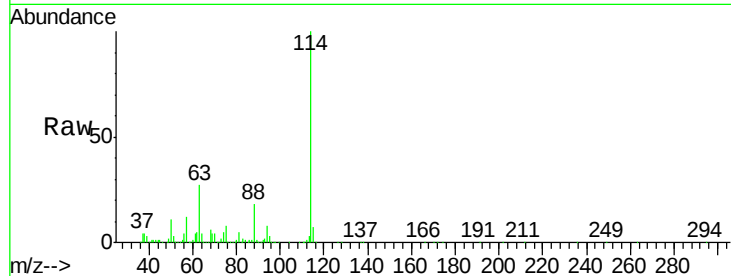
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VL036789.D
 Acq: 12 Apr 2021 14:40

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-7(2021)

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.3	22.4	33.6
88	18.5	15.4	23.0

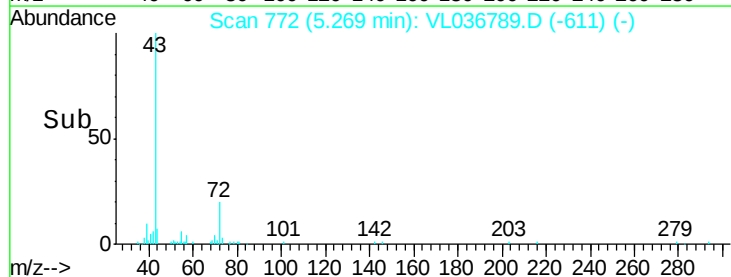
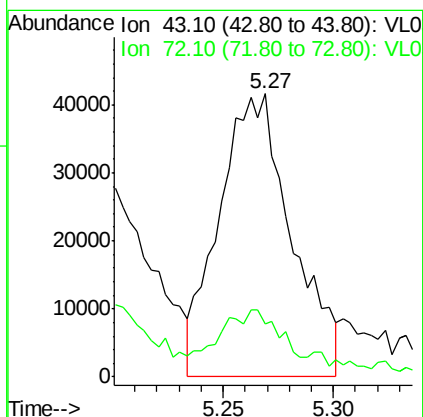
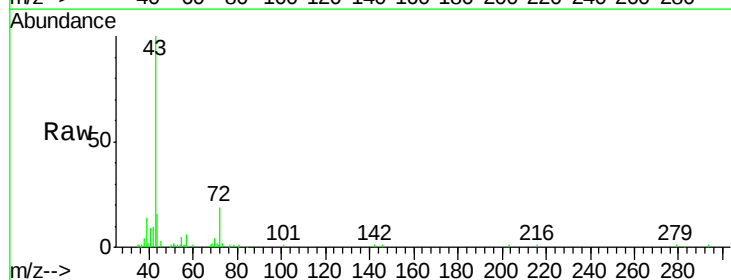
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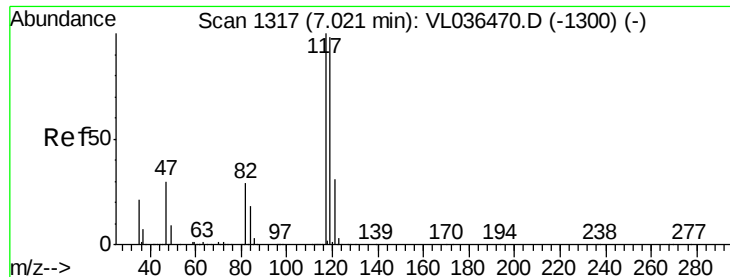
apatel
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#34
 2-Butanone
 Concen: 0.510 ppbv m
 RT: 5.27 min Scan# 772
 Delta R.T. 0.02 min
 Lab File: VL036789.D
 Acq: 12 Apr 2021 14:40

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.6#





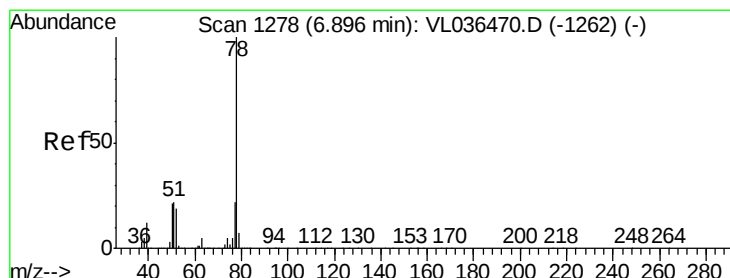
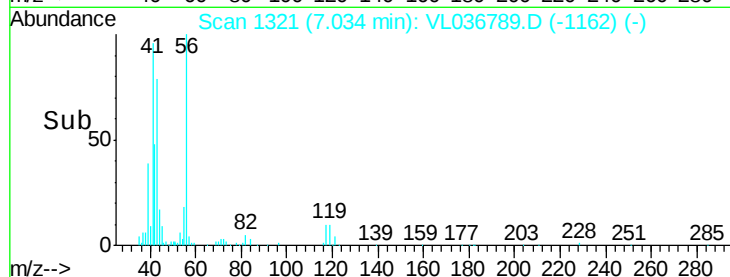
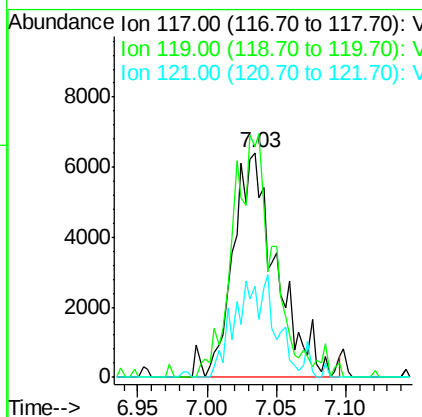
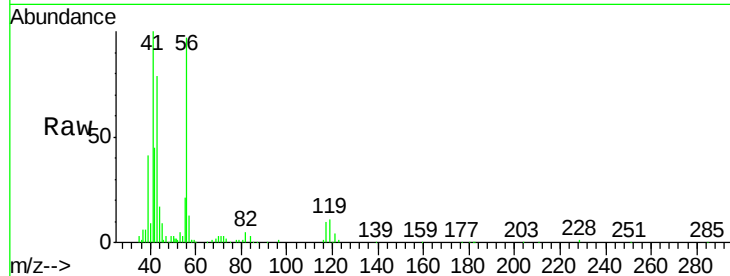
#35
Carbon Tetrachloride
Concen: 0.048 ppbv m
RT: 7.03 min Scan# 1321
Delta R.T. 0.01 min
Lab File: VL036789.D
Acq: 12 Apr 2021 14:40

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-7(2021)

Tot Ion	Ratio	Lower	Upper
117	100		
119	102.8	78.2	117.2
121	40.6	24.5	36.7#

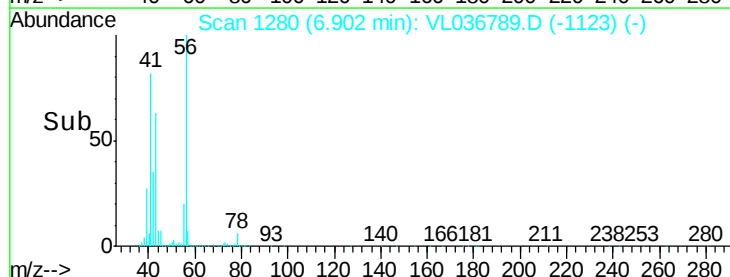
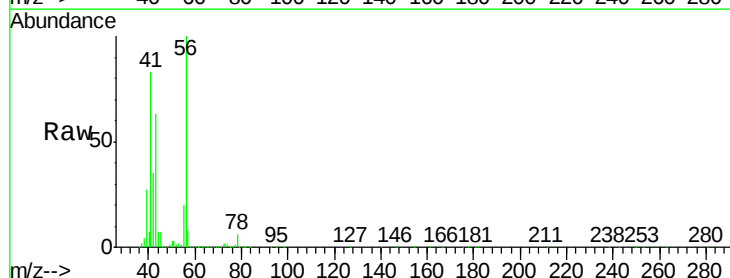
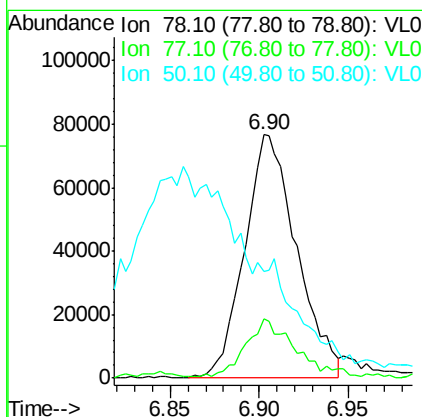
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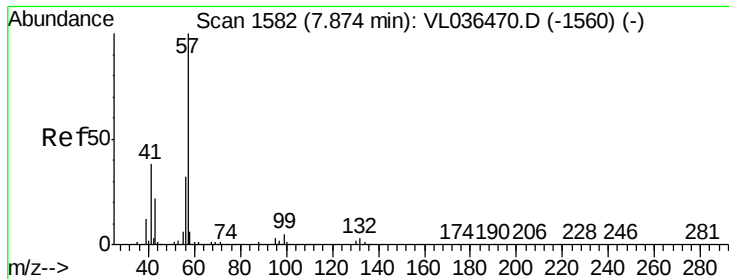
apatel
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#36
Benzene
Concen: 0.441 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.01 min
Lab File: VL036789.D
Acq: 12 Apr 2021 14:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.0	27.0
50	33.1	16.5	24.7#





#44

2,2,4-Trimethylpentane

Concen: 3.315 ppbv

RT: 7.88 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-7(2021)

Tot Ion: 57 Resp: 2058085

Ion Ratio Lower Upper

57 100

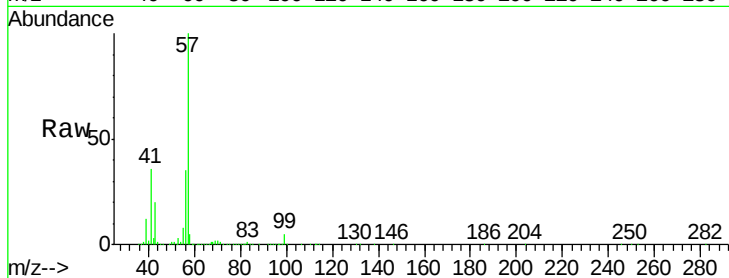
41 35.4 28.8 43.2

56 35.0 26.1 39.1

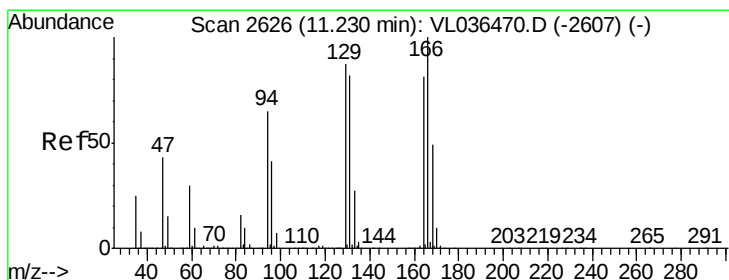
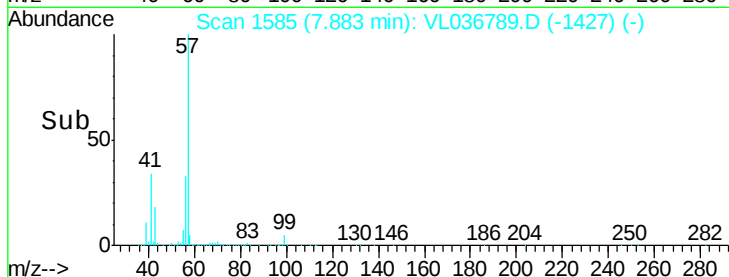
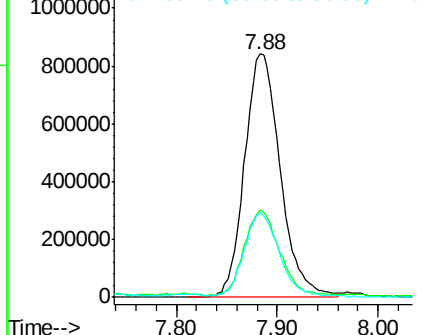
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Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0



#52

Tetrachloroethene

Concen: 0.079 ppbv m

RT: 11.25 min Scan# 2631

Delta R.T. 0.02 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Tgt Ion: 164 Resp: 10250

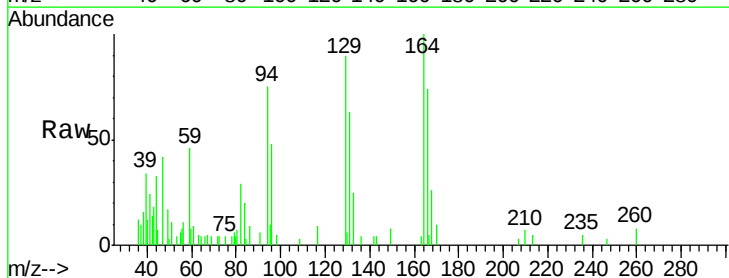
Ion Ratio Lower Upper

164 100

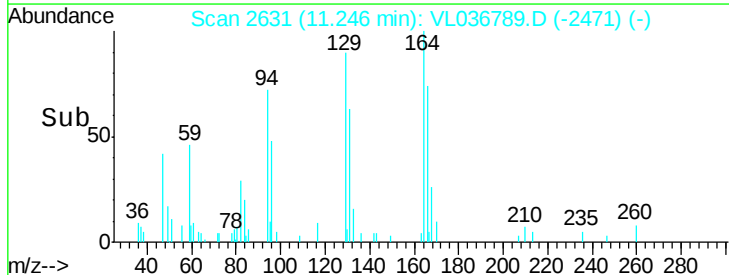
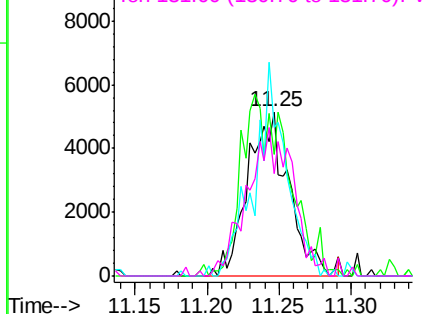
166 73.7 98.3 147.5#

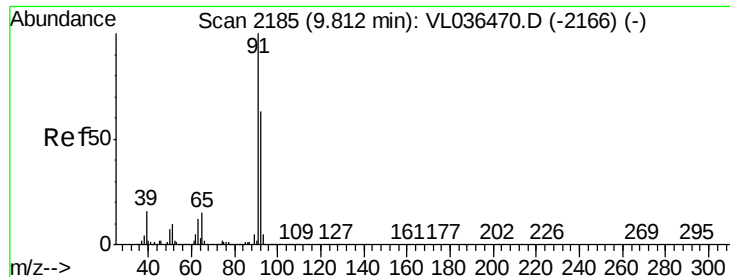
129 90.3 85.8 128.8

131 62.6 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: 0.437 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.01 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-7(2021)

Tot Ion: 91 Resp: 164194

Ion Ratio Lower Upper

91 100

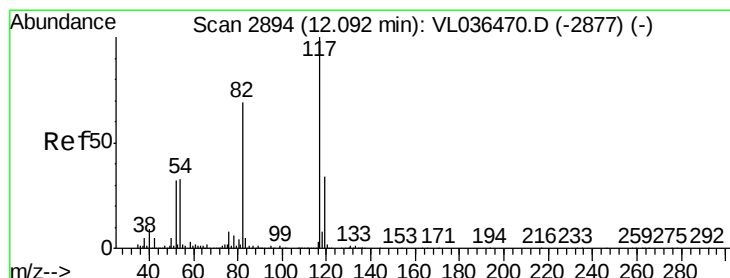
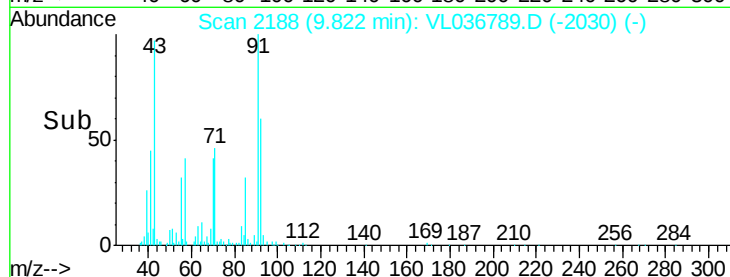
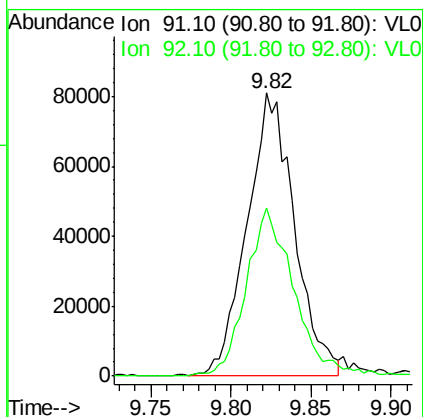
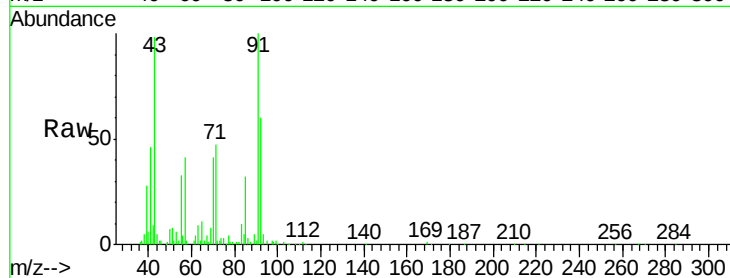
92 60.7 48.8 73.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. 0.01 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

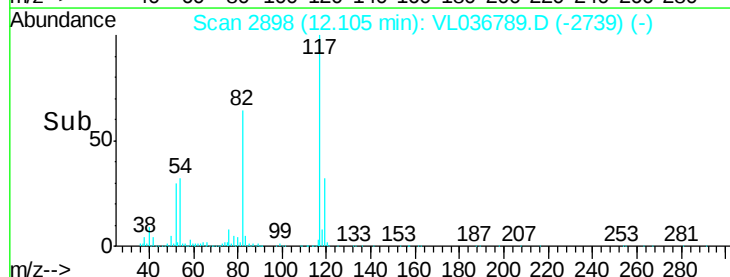
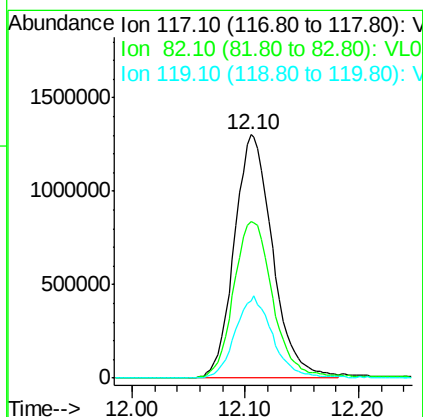
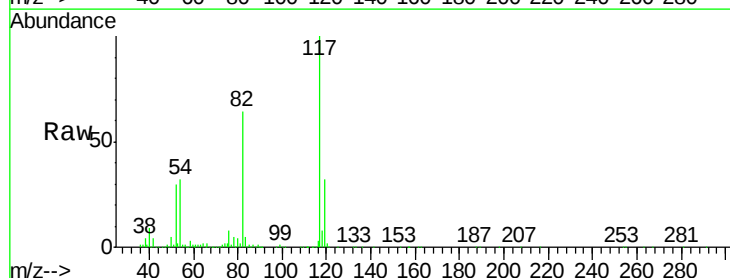
Tgt Ion: 117 Resp: 3069207

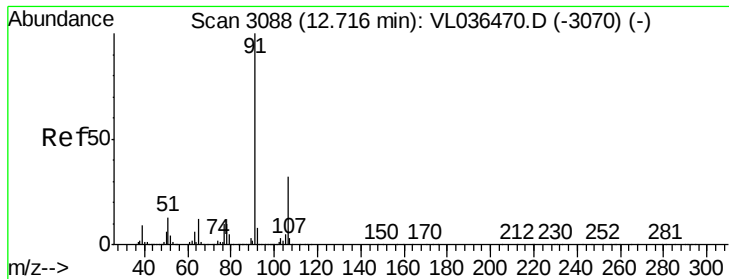
Ion Ratio Lower Upper

117 100

82 67.4 57.4 86.0

119 33.3 47.4 71.0#





#58

Ethyl Benzene

Concen: 0.154 ppbv

RT: 12.73 min Scan# 3092

Delta R.T. 0.01 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-7(2021)

Tot Ion: 91 Resp: 68544

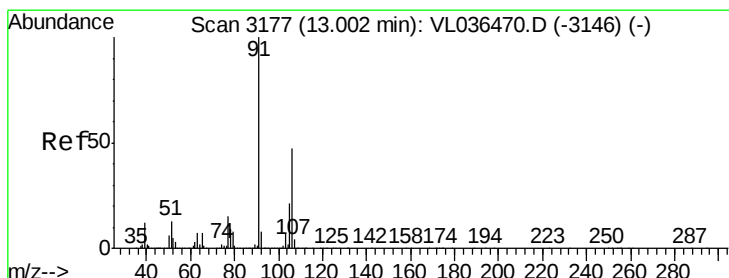
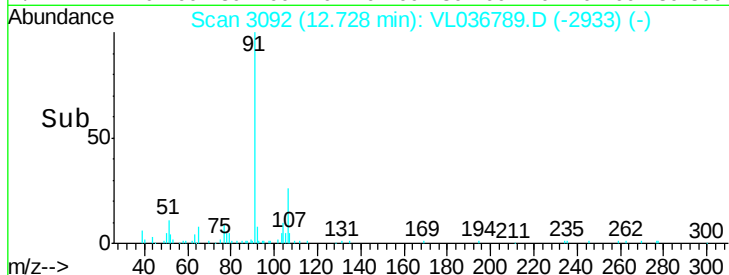
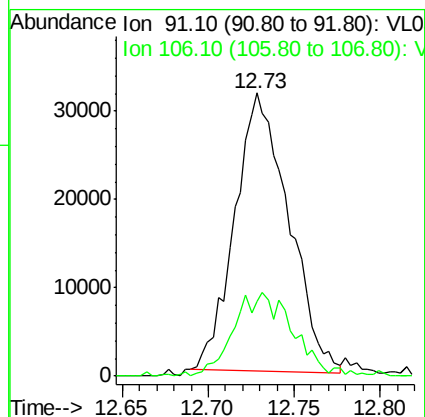
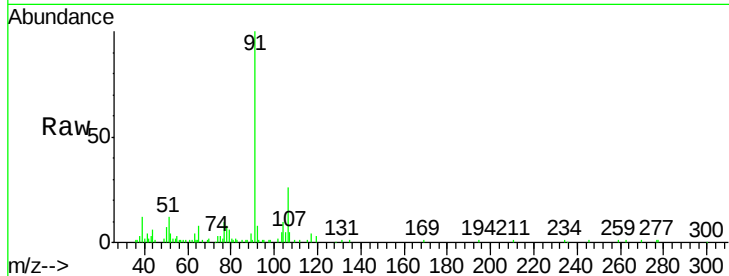
Ion Ratio Lower Upper

91 100

106 26.9 25.3 37.9

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#59

m/p-Xylene

Concen: 0.320 ppbv m

RT: 12.99 min Scan# 3172

Delta R.T. -0.02 min

Lab File: VL036789.D

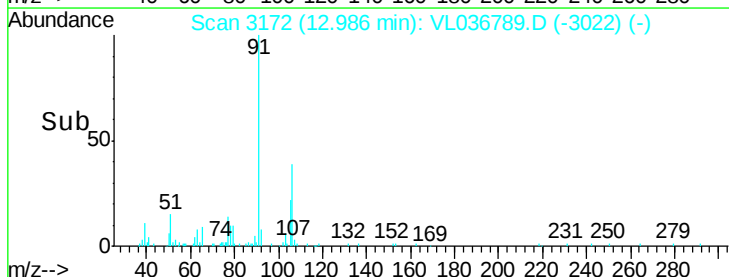
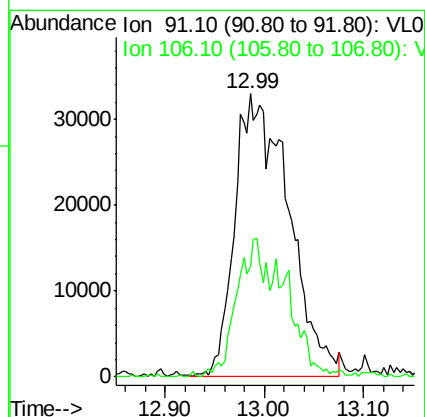
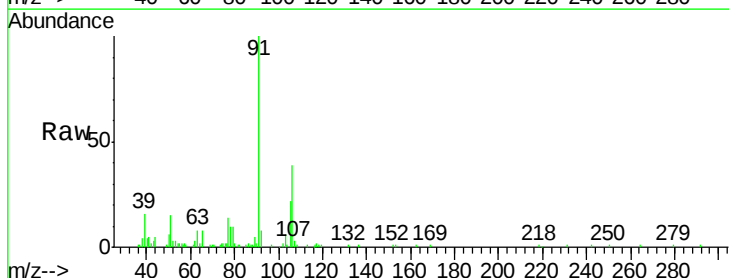
Acq: 12 Apr 2021 14:40

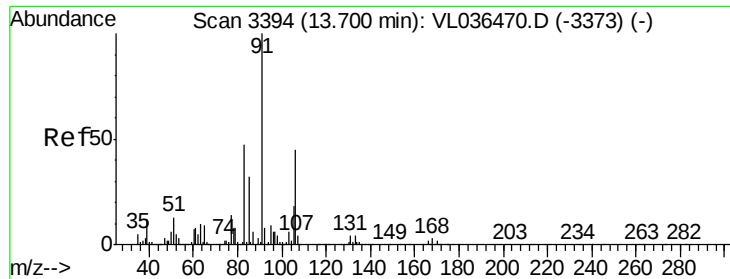
Tgt Ion: 91 Resp: 124451

Ion Ratio Lower Upper

91 100

106 0.0 35.3 52.9#





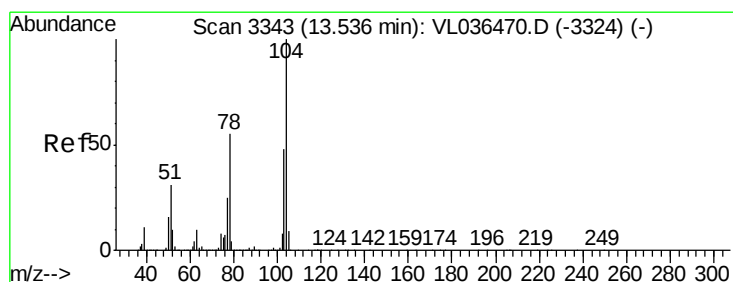
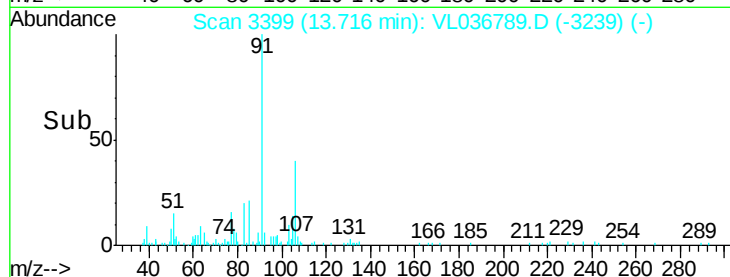
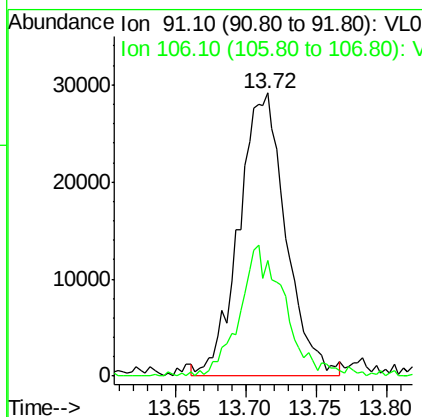
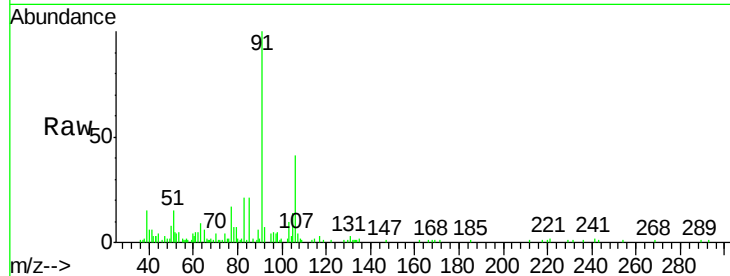
#60
o-Xylene
Concen: 0.181 ppbv m
RT: 13.72 min Scan# 3399
Delta R.T. 0.02 min
Lab File: VL036789.D
Acq: 12 Apr 2021 14:40

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-7(2021)

Tot Ion: 91 Resp: 67998
Ion Ratio Lower Upper
91 100
106 0.0 22.3 66.9#

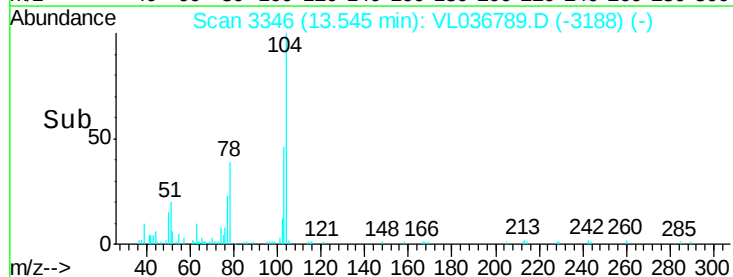
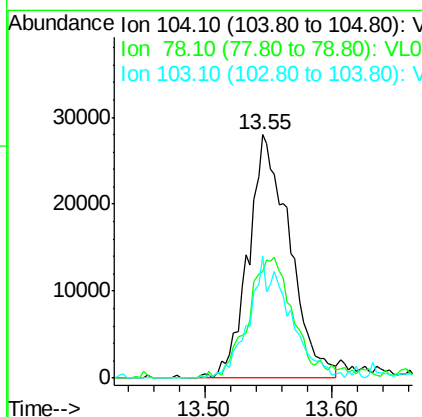
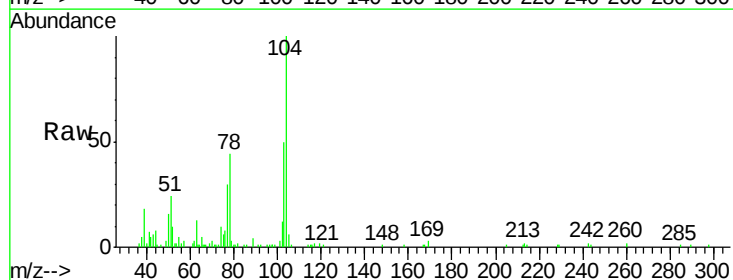
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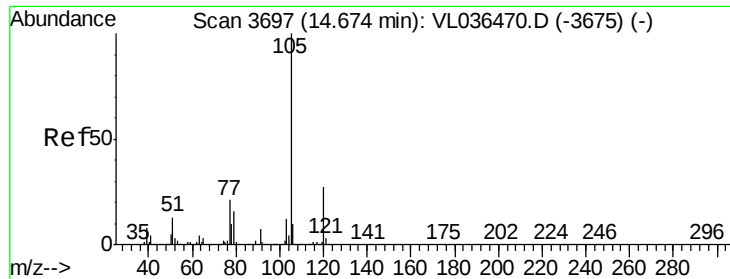
apatel
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#61
Styrene
Concen: 0.332 ppbv m
RT: 13.55 min Scan# 3346
Delta R.T. 0.01 min
Lab File: VL036789.D
Acq: 12 Apr 2021 14:40

Tgt Ion: 104 Resp: 62870
Ion Ratio Lower Upper
104 100
78 0.0 43.8 65.8#
103 48.5 38.3 57.5





#62

Isopropylbenzene

Concen: 0.119 ppbv m

RT: 14.69 min Scan# 3701

Delta R.T. 0.01 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-7(2021)

Tot Ion:105 Resp: 60412

Ion Ratio Lower Upper

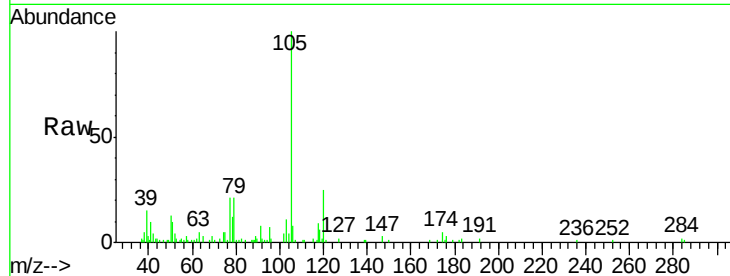
105 100

120 26.3 20.6 31.0

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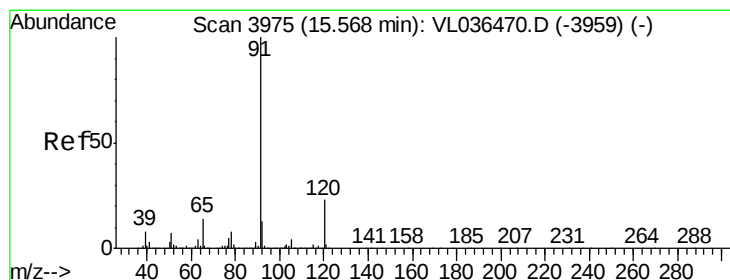
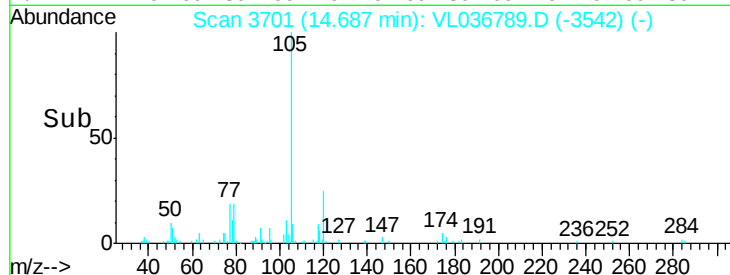
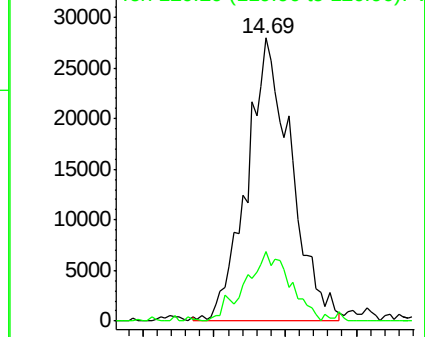
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.196 ppbv m

RT: 15.58 min Scan# 3979

Delta R.T. 0.01 min

Lab File: VL036789.D

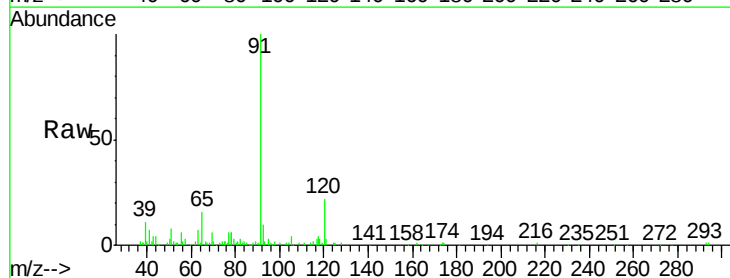
Acq: 12 Apr 2021 14:40

Tgt Ion:120 Resp: 24279

Ion Ratio Lower Upper

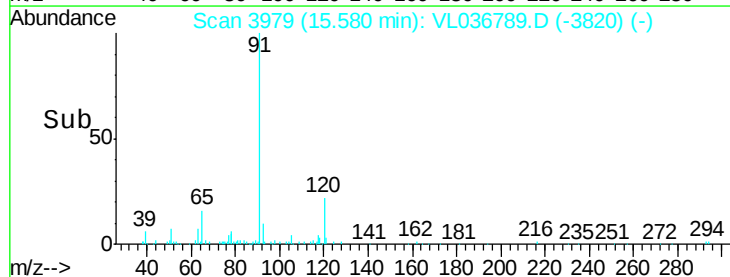
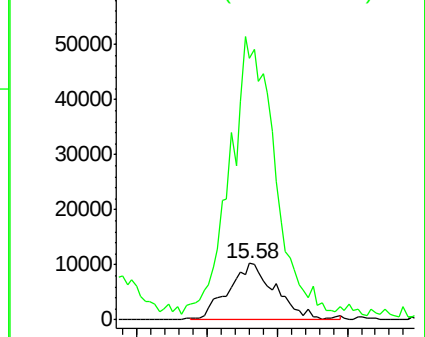
120 100

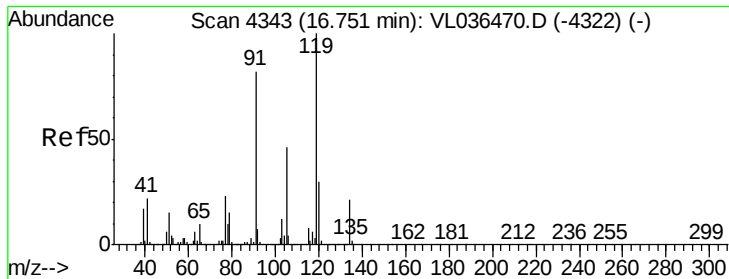
91 471.9 377.4 566.2



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): V





#65

tert-Butylbenzene

Concen: 0.157 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. 0.02 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Instrument :

MSVOA_L

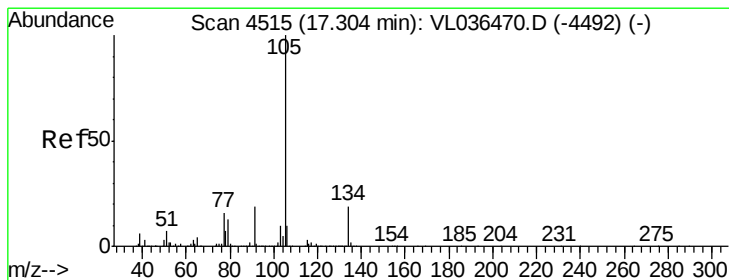
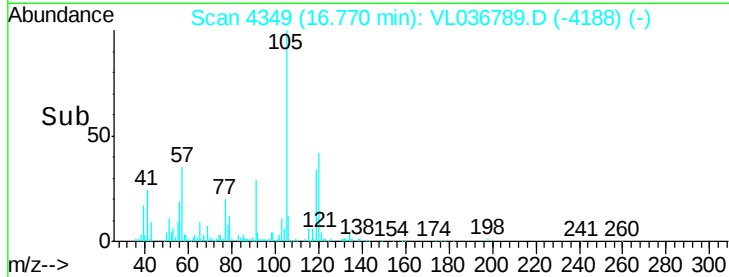
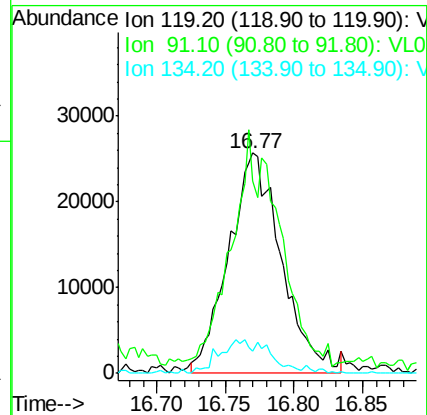
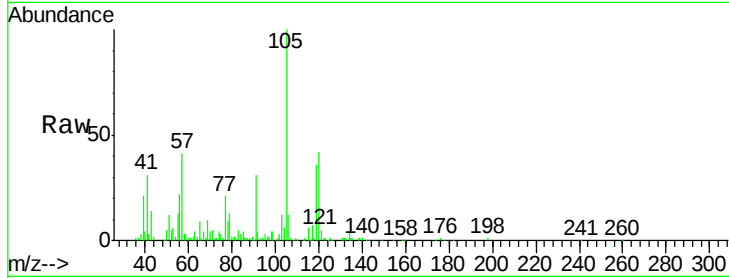
ClientSampleId :

UP-SG-7(2021)

Tot Ion	Ratio	Lower	Upper
119	100		
91	100.0	67.5	101.3
134	15.1	15.8	23.8

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#67

sec-Butylbenzene

Concen: 0.111 ppbv

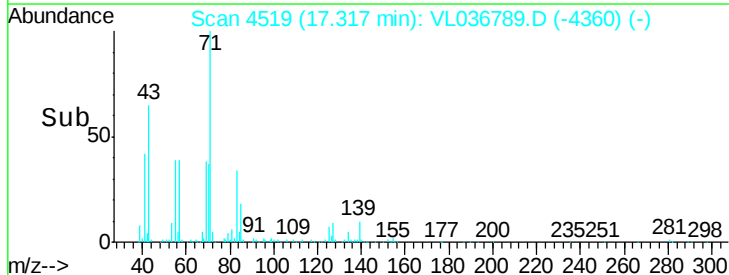
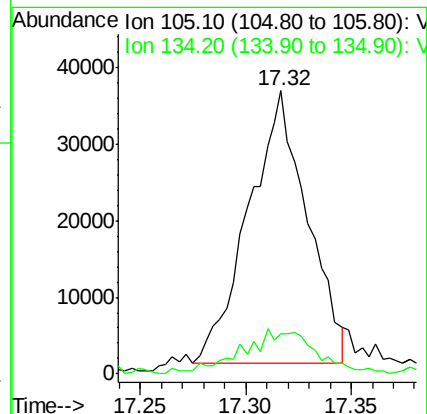
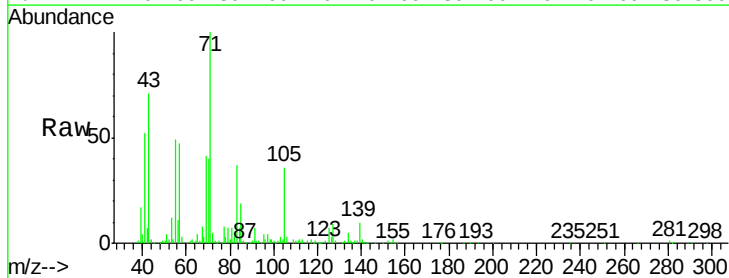
RT: 17.32 min Scan# 4519

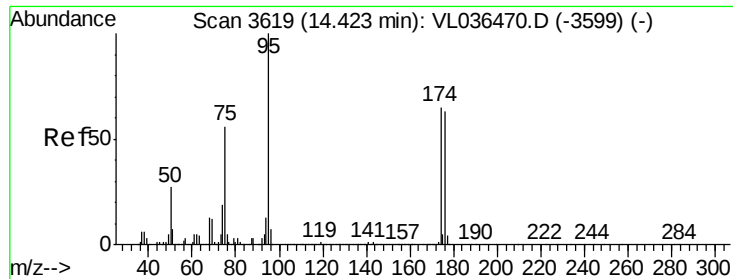
Delta R.T. 0.01 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.6	14.7	22.1





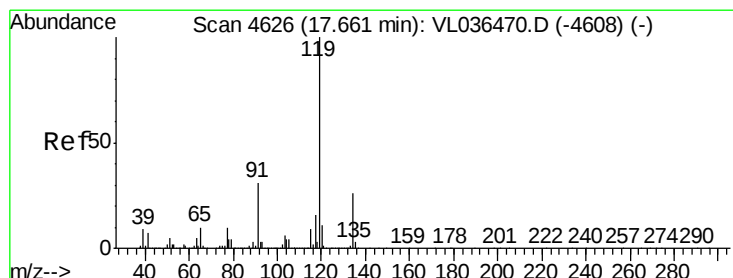
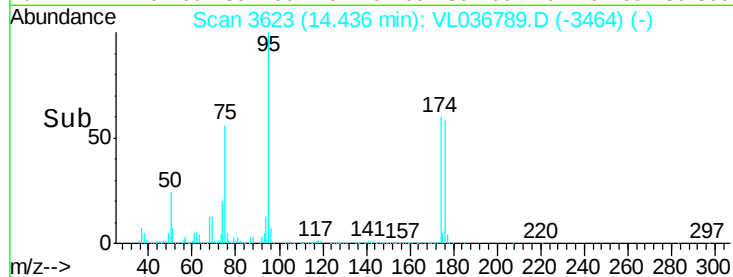
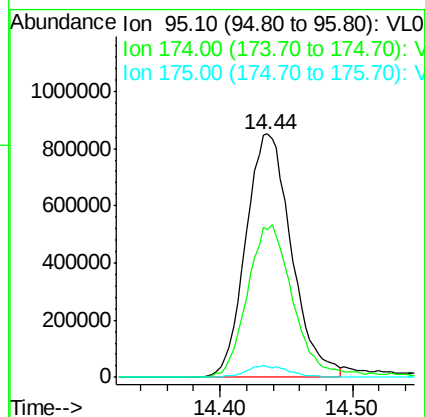
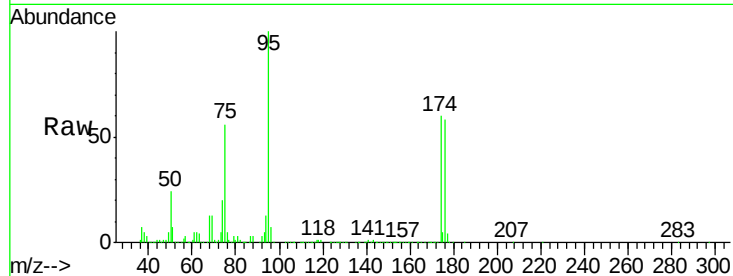
#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.336 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. 0.01 min
 Lab File: VL036789.D
 Acq: 12 Apr 2021 14:40

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-7(2021)

Tot Ion: 95 Resp: 2039171
 Ion Ratio Lower Upper
 95 100
 174 65.2 51.0 76.6
 175 4.9 3.9 5.9

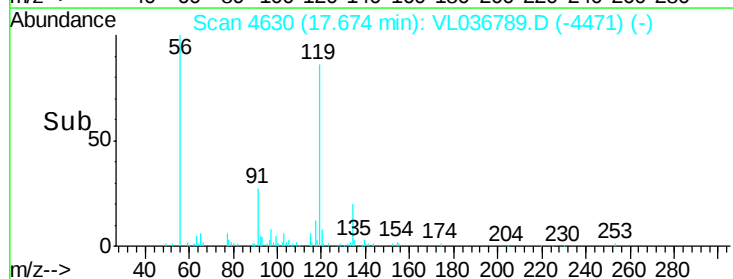
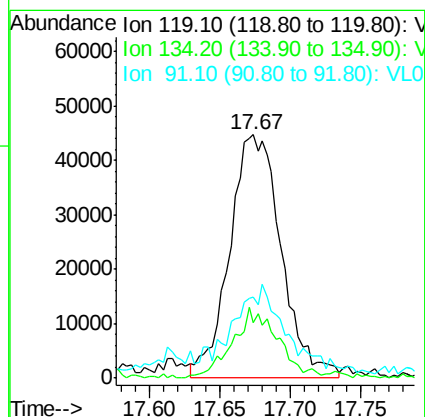
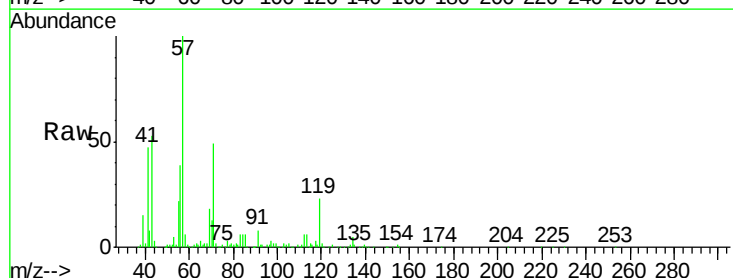
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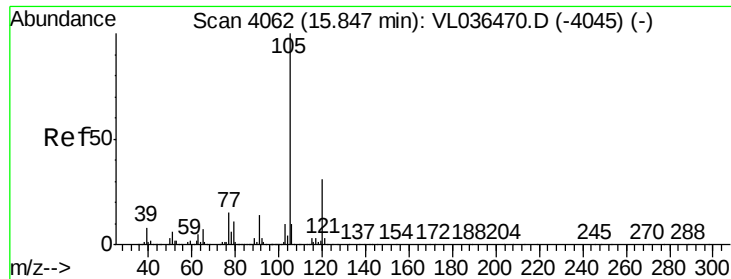
apatel
 4/13/2021 10:43:01 AM



#69
 p-Isopropyltoluene
 Concen: 0.236 ppbv m
 RT: 17.67 min Scan# 4630
 Delta R.T. 0.01 min
 Lab File: VL036789.D
 Acq: 12 Apr 2021 14:40

Tgt Ion: 119 Resp: 114538
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.6 30.8#
 91 38.3 25.0 37.6#





#72

4-Ethyltoluene

Concen: 0.236 ppbv

RT: 15.86 min Scan# 4065

Delta R.T. 0.01 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Instrument :

MSVOA_L

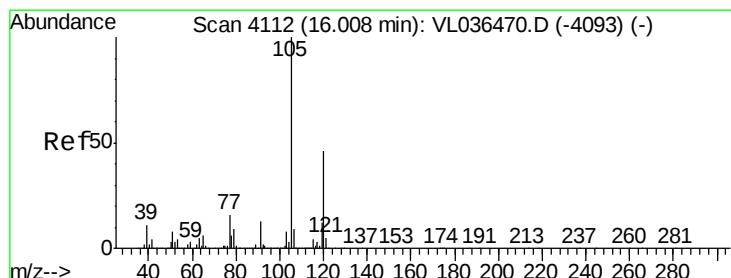
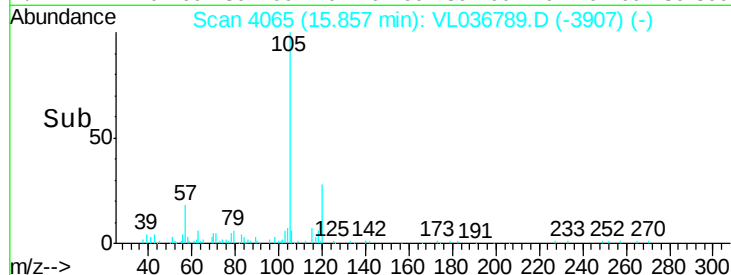
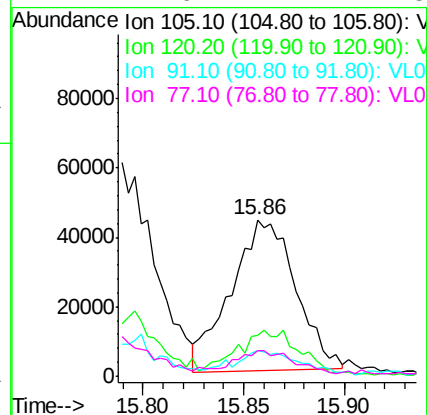
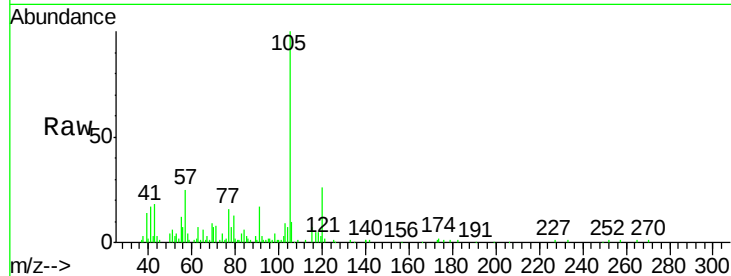
ClientSampleId :

UP-SG-7(2021)

Tot Ion:	105	Resp:	97240
Ion Ratio	Lower	Upper	
105	100		
120	31.3	24.0	36.0
91	15.8	11.0	16.4
77	14.6	11.7	17.5

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#73

1,3,5-Trimethylbenzene

Concen: 0.248 ppbv

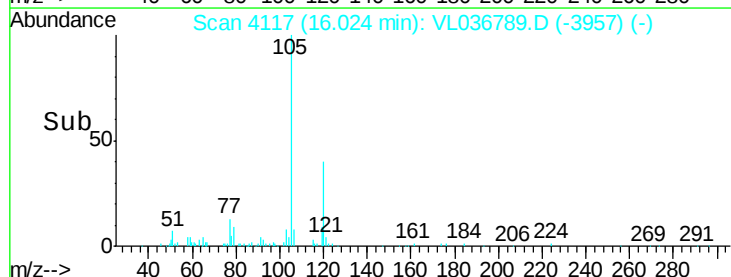
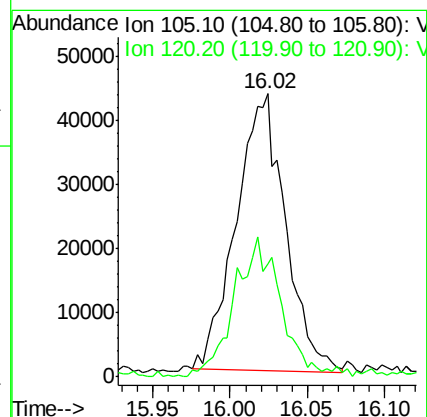
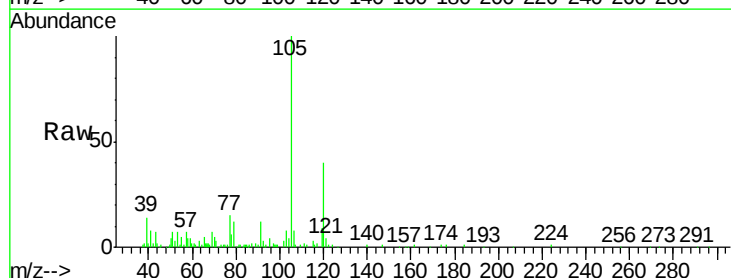
RT: 16.02 min Scan# 4117

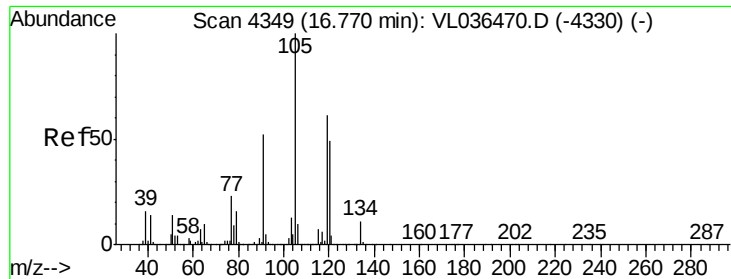
Delta R.T. 0.02 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Tgt Ion:	105	Resp:	95695
Ion Ratio	Lower	Upper	
105	100		
120	39.7	36.6	54.8





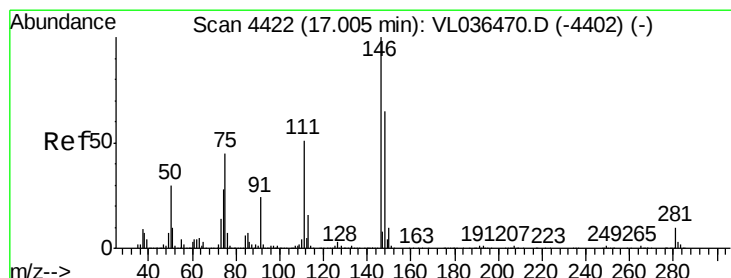
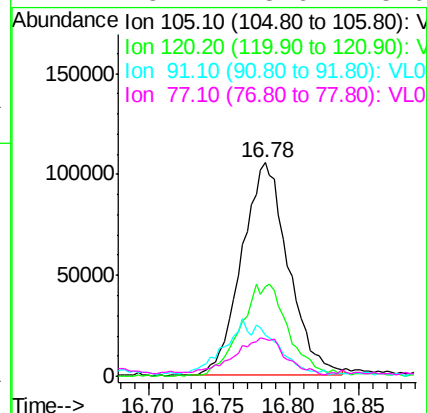
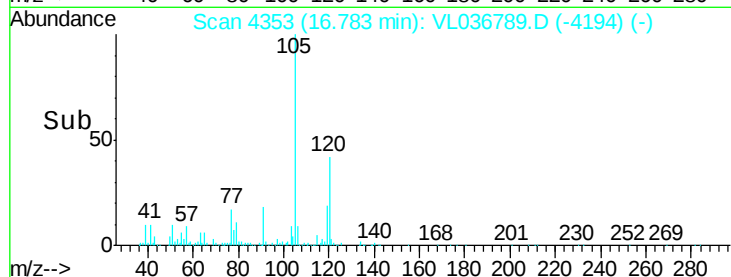
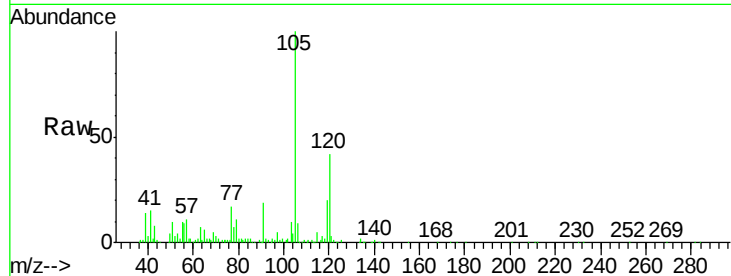
#74
 1,2,4-Trimethylbenzene
 Concen: 0.589 ppbv
 RT: 16.78 min Scan# 4353
 Delta R.T. 0.01 min
 Lab File: VL036789.D
 Acq: 12 Apr 2021 14:40

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-7(2021)

Tot Ion	Ratio	Lower	Upper
105	100		
120	41.7	39.2	58.8
91	17.7	42.6	64.0#
77	15.4	18.6	28.0#

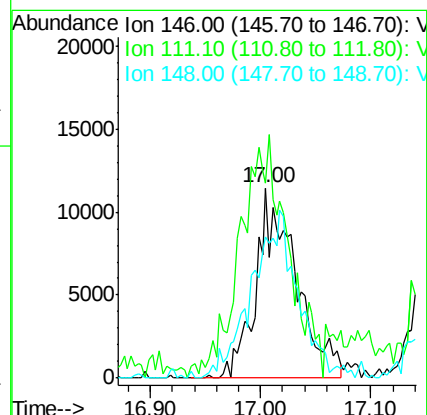
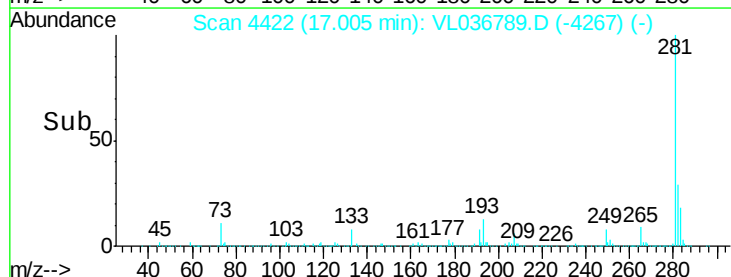
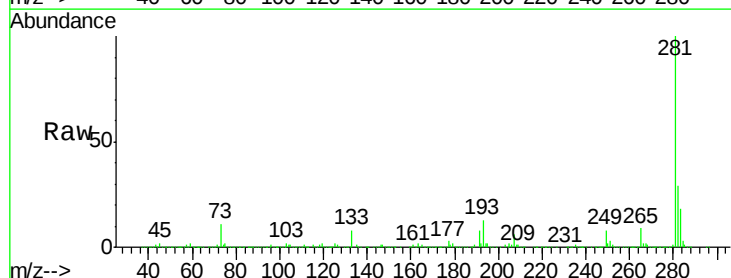
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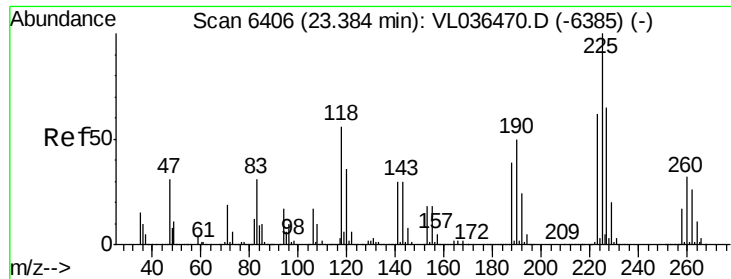
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#75
 1,3-Dichlorobenzene
 Concen: 0.124 ppbv m
 RT: 17.00 min Scan# 4422
 Delta R.T. -0.00 min
 Lab File: VL036789.D
 Acq: 12 Apr 2021 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.5	73.5#
148	95.8	32.3	96.9





#78

Hexachloro-1,3-Butadiene

Concen: 0.145 ppbv m

RT: 23.40 min Scan# 6411

Delta R.T. 0.02 min

Lab File: VL036789.D

Acq: 12 Apr 2021 14:40

Instrument :

MSVOA_L

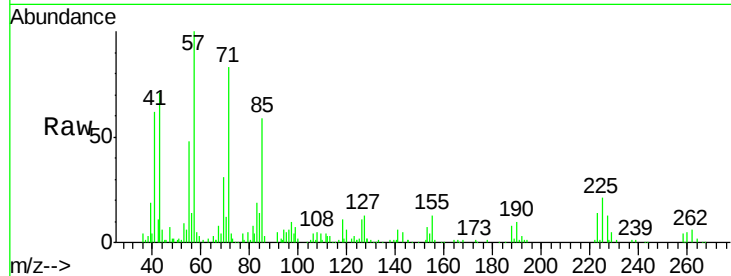
ClientSampleId :

UP-SG-7(2021)

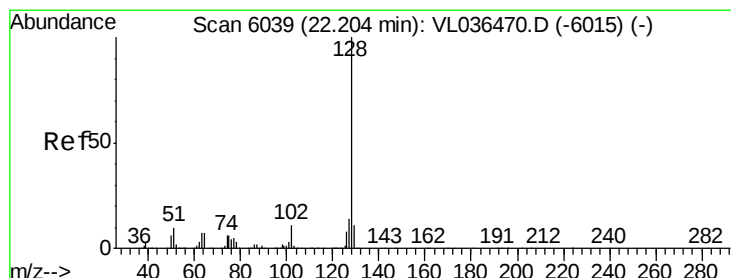
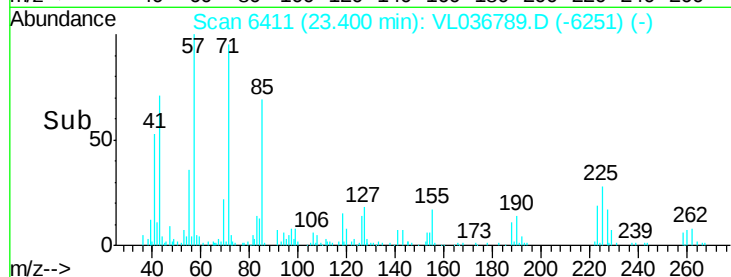
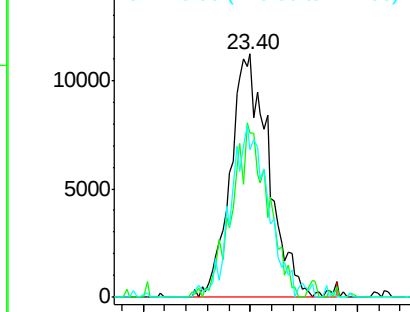
Tot Ion:	225	Resp:	28361
Ion Ratio	Lower	Upper	
225	100		
223	0.0	50.6	75.8#
227	0.0	52.2	78.2#

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Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V



#79

Naphthalene

Concen: 0.127 ppbv m

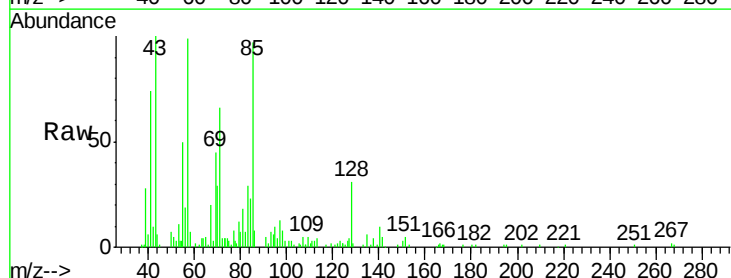
RT: 22.23 min Scan# 6047

Delta R.T. 0.03 min

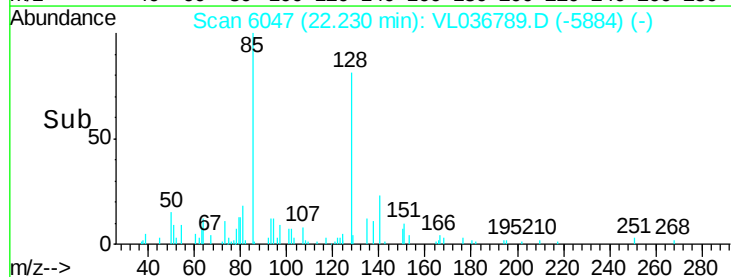
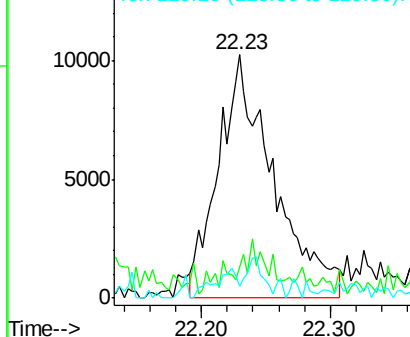
Lab File: VL036789.D

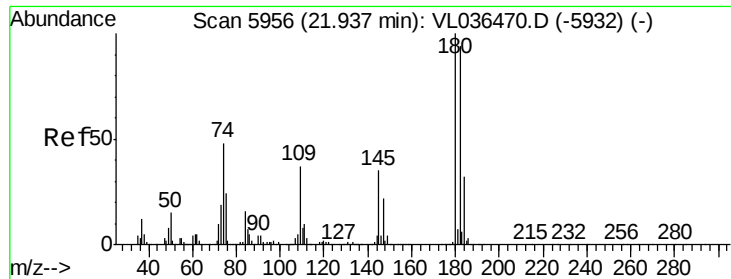
Acq: 12 Apr 2021 14:40

Tgt Ion:	128	Resp:	30512
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.9	16.3
129	5.0	9.0	13.4#



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.064 ppbv
 RT: 21.97 min Scan# 5965
 Delta R.T. 0.03 min
 Lab File: VL036789.D
 Acq: 12 Apr 2021 14:40

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-7(2021)

Tot Ion	Ratio	Lower	Upper
180	100		
182	253.0	80.8	121.2#
184	61.3	25.0	37.4#

Manual Integrations
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