

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082020\
 Data File : VL035476.D
 Acq On : 20 Aug 2020 15:49
 Operator : SY/AP
 Sample : L3743-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-2

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:24:20 AM

Quant Time: Aug 21 09:41:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1092112	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5036232	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4887882	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	3524418	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	60037	0.297	ppbv	96
3) Chlorodifluoromethane	2.98	51	250643m	1.830	ppbv	
4) Chloromethane	3.13	50	27589	0.387	ppbv	96
9) Propene	3.01	41	1837621	33.387	ppbv #	77
10) Heptane	8.14	43	110851	0.768	ppbv #	80
11) Trichlorofluoromethane	3.95	101	129095	0.406	ppbv	97
13) Ethanol	3.61	45	1031036	51.129	ppbv	99
15) Acetone	3.84	43	3633417	28.905	ppbv #	73
17) tert-Butyl alcohol	4.31	59	103542	0.637	ppbv	100
19) Isopropyl Alcohol	3.98	45	331234m	3.823	ppbv	
20) Methylene Chloride	4.34	84	699211	6.894	ppbv #	64
26) Hexane	5.69	57	438477	3.177	ppbv #	32
27) Carbon Disulfide	4.55	76	89520	0.449	ppbv #	90
29) Chloroform	5.76	83	741049	2.672	ppbv	99
30) Cyclohexane	7.14	84	73200	0.478	ppbv #	60
32) 1,1,1-Trichloroethane	6.52	97	64605	0.249	ppbv #	90
34) 2-Butanone	5.26	43	705506	4.193	ppbv #	72
35) Carbon Tetrachloride	7.02	117	43375	0.162	ppbv	93
36) Benzene	6.90	78	456776	1.236	ppbv #	90
38) Trichloroethene	7.84	130	14100214m	68.577	ppbv	
41) Tetrahydrofuran	6.07	42	198993	2.144	ppbv #	53
44) 2,2,4-Trimethylpentane	7.89	57	312696	0.648	ppbv	93
50) 4-Methyl-2-Pentanone	8.76	43	273568	1.133	ppbv #	83
52) Tetrachloroethene	11.24	164	11040191m	48.966	ppbv	
53) Toluene	9.82	91	2613653	5.490	ppbv	100
58) Ethyl Benzene	12.73	91	607823	1.030	ppbv	91
59) m/p-Xylene	12.99	91	1940210	3.890	ppbv #	84
60) o-Xylene	13.71	91	762466	1.573	ppbv	90
61) Styrene	13.55	104	86386	0.221	ppbv #	88
64) n-propylbenzene	15.59	120	86354m	0.353	ppbv	
65) tert-Butylbenzene	16.79	119	268615	0.348	ppbv #	87
69) p-Isopropyltoluene	17.68	119	120715	0.134	ppbv #	86
70) n-Butylbenzene	18.58	91	329497	0.387	ppbv #	30
72) 4-Ethyltoluene	15.86	105	539165	0.847	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.02	105	550871	0.931	ppbv	94
74) 1,2,4-Trimethylbenzene	16.79	105	2188850	3.403	ppbv #	71
76) 1,4-Dichlorobenzene	17.16	146	17733	0.036	ppbv #	55
79) Naphthalene	22.23	128	1138464	1.257	ppbv	96
80) Naphthalene,2-methyl-	25.00	142	395525	1.057	ppbv	96

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8/21/2020 11:24:20 AM

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

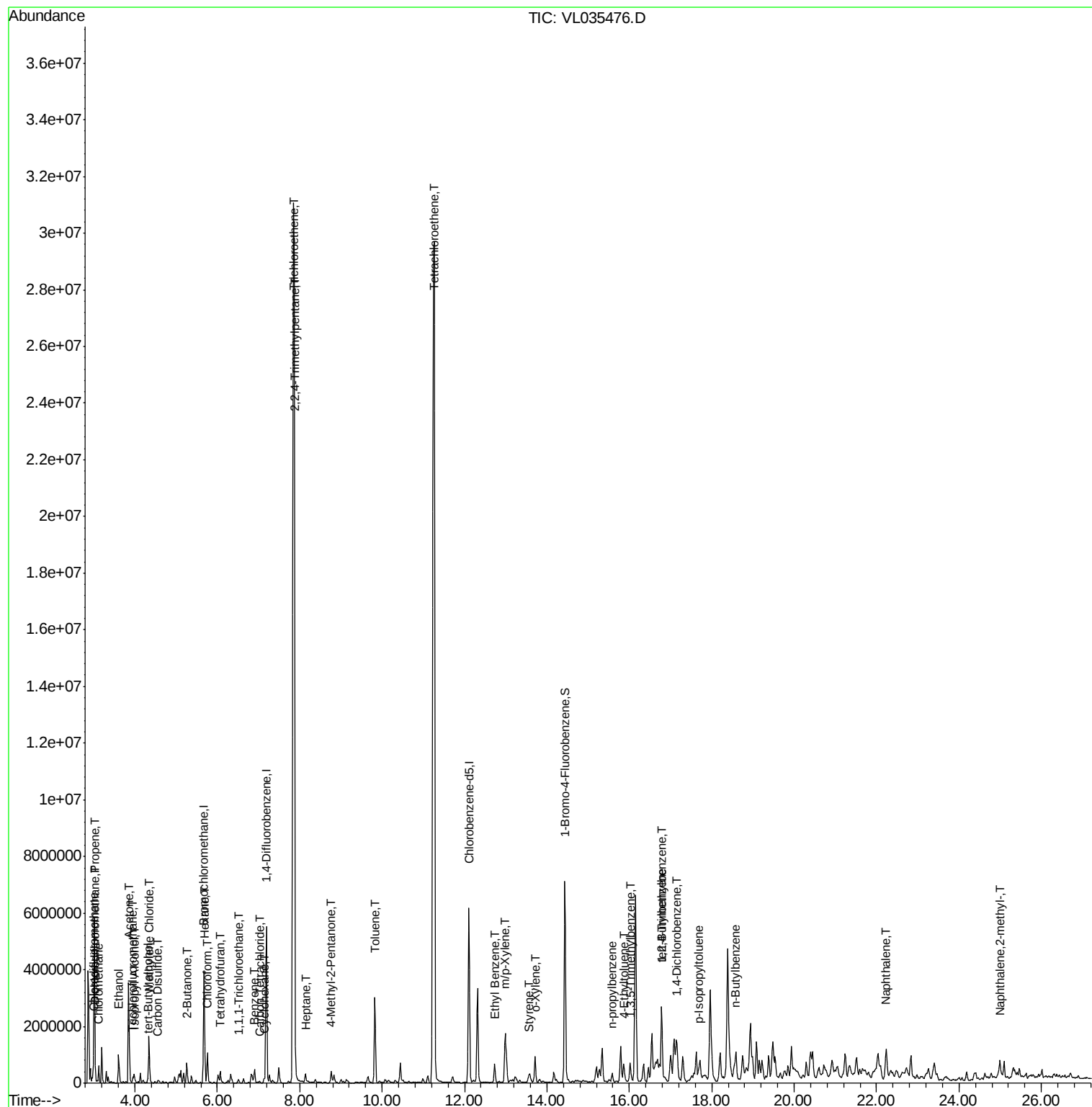
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL082020\
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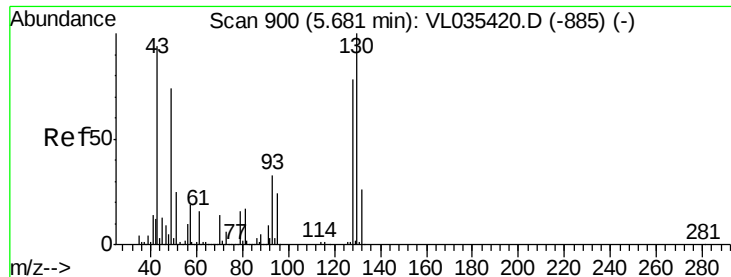
Instrument :
MSVOA_L
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

ClientSampleId :

SSMP-2

Tot Ion: 49 Resp: 1092112

Ion Ratio Lower Upper

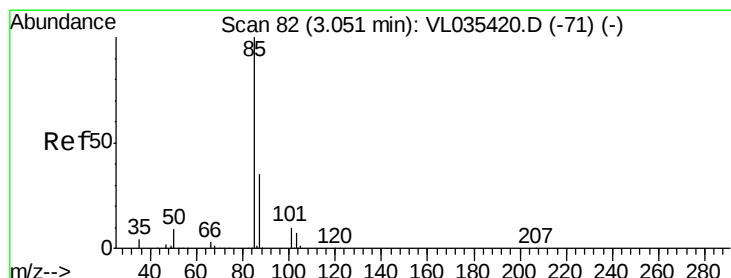
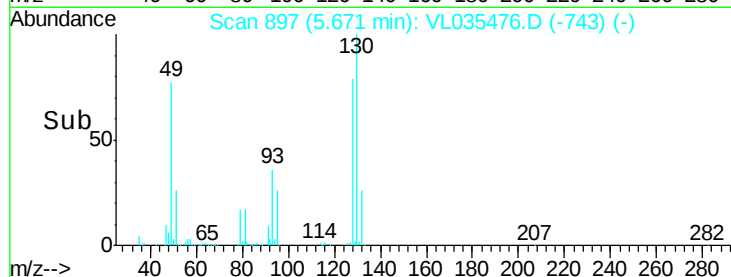
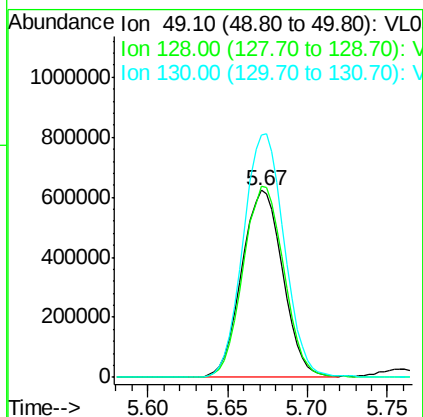
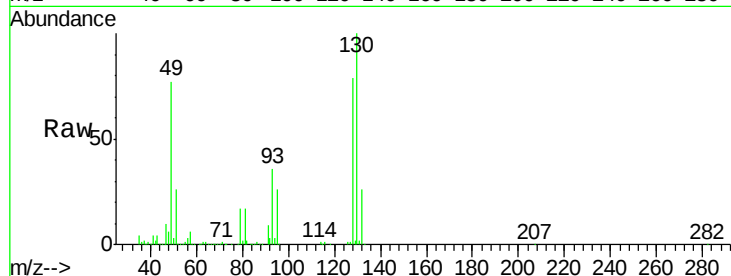
49 100

128 102.3 20.9 62.7#

130 131.0 26.7 80.1#

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 0.297 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL035476.D

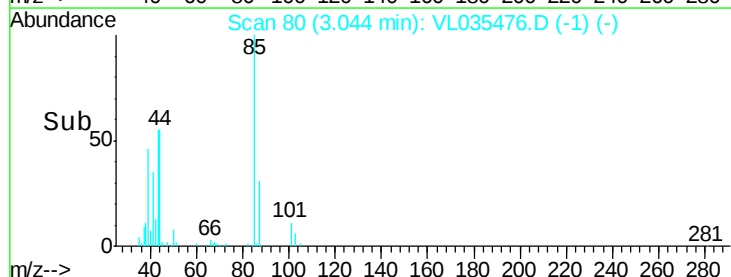
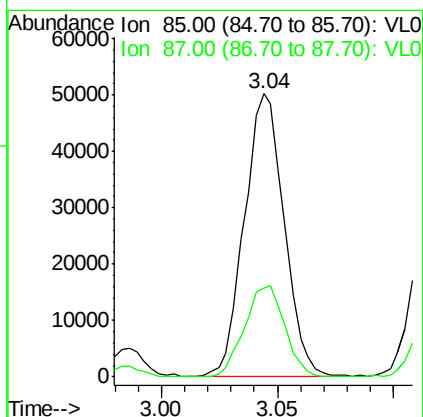
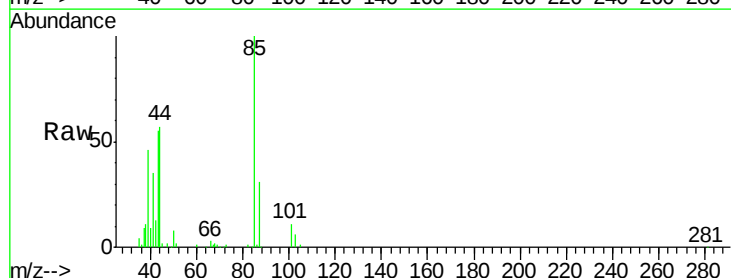
Acq: 20 Aug 2020 15:49

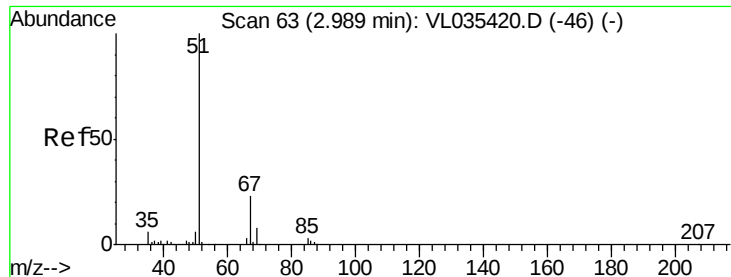
Tgt Ion: 85 Resp: 60037

Ion Ratio Lower Upper

85 100

87 31.3 27.1 40.7





#3

Chlorodifluoromethane

Concen: 1.830 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

ClientSampled :

SSMP-2

Tot Ion: 51 Resp: 250643

Ion Ratio Lower Upper

51 100

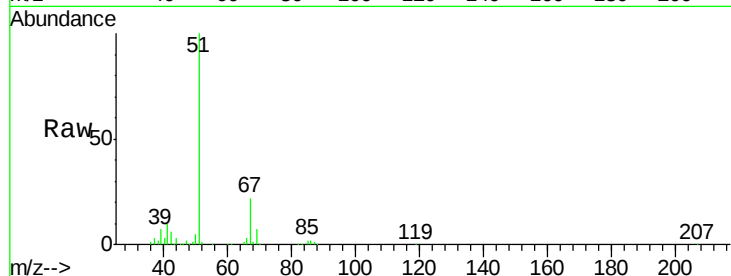
67 22.4 15.0 22.6

Manual Integrations

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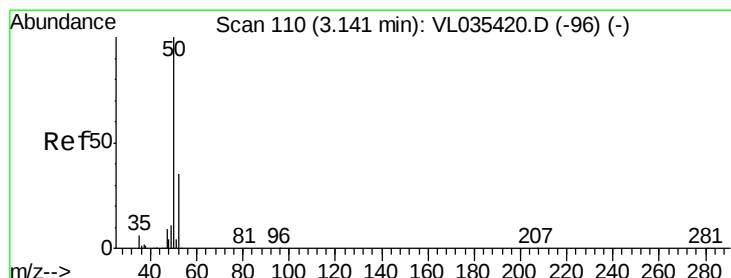
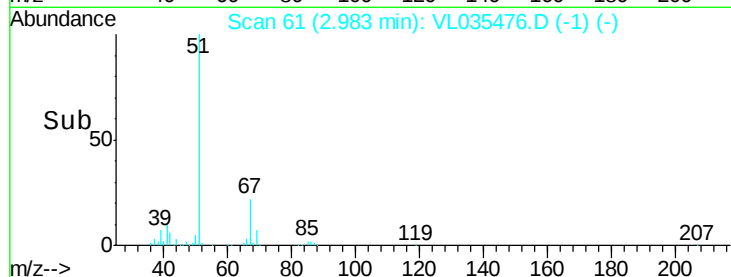
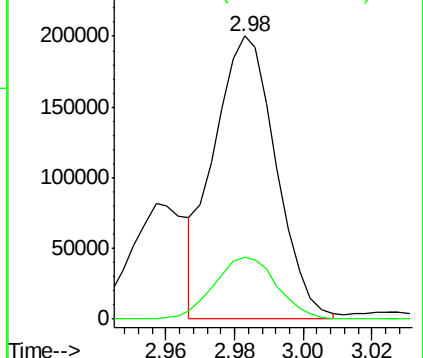
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.387 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL035476.D

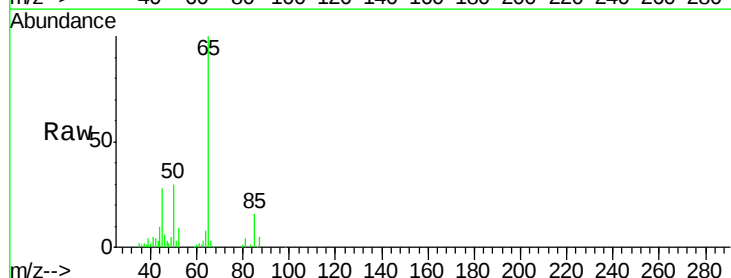
Acq: 20 Aug 2020 15:49

Tgt Ion: 50 Resp: 27589

Ion Ratio Lower Upper

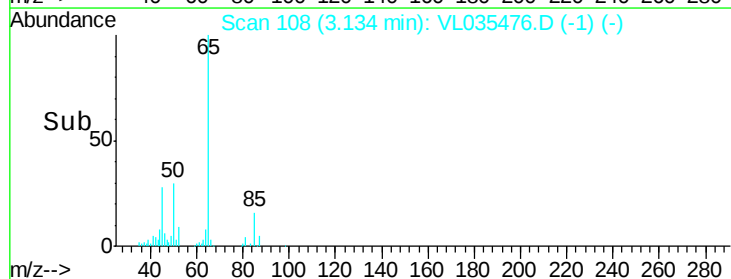
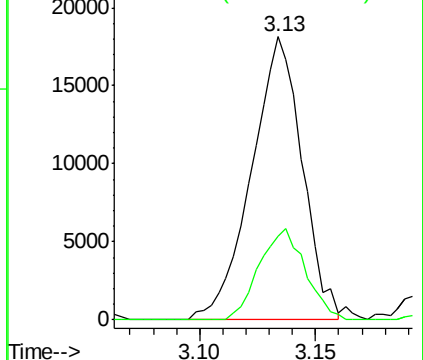
50 100

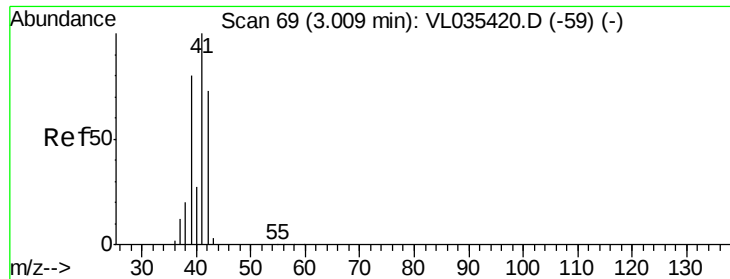
52 30.1 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 33.387 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

ClientSampleId :

SSMP-2

Tot Ion: 41 Resp: 1837621

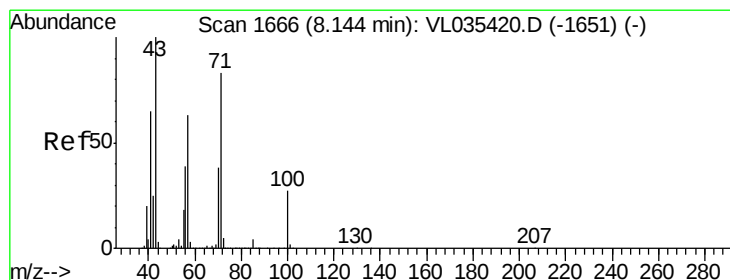
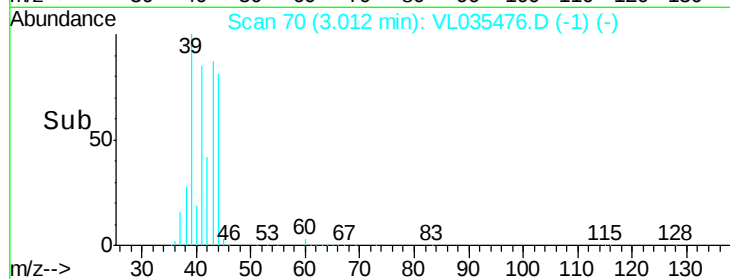
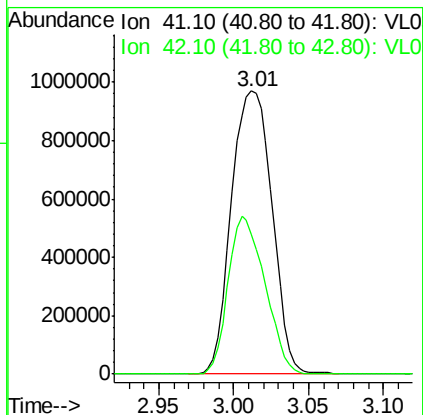
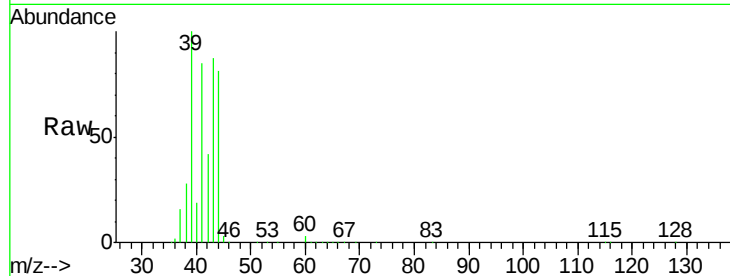
Ion Ratio Lower Upper

41 100

42 50.7 55.5 83.3#

Manual Integrations
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#10

Heptane

Concen: 0.768 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VL035476.D

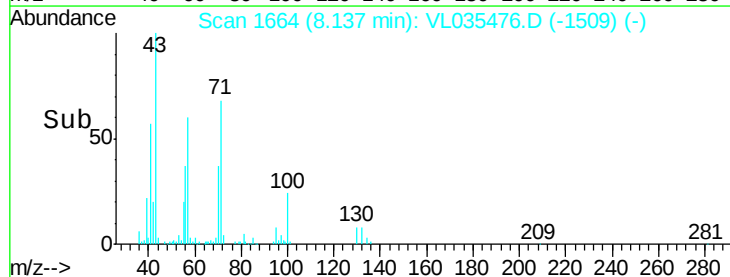
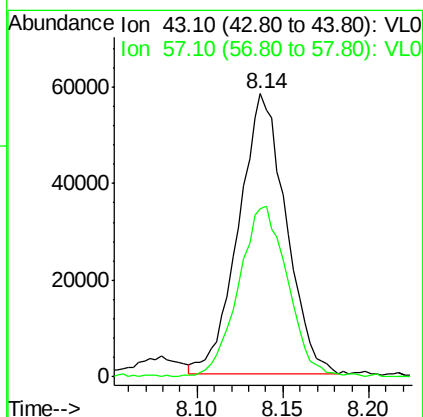
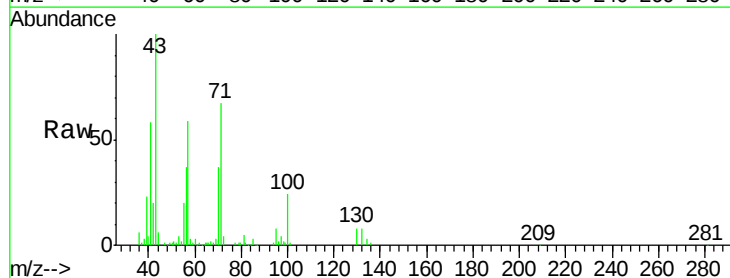
Acq: 20 Aug 2020 15:49

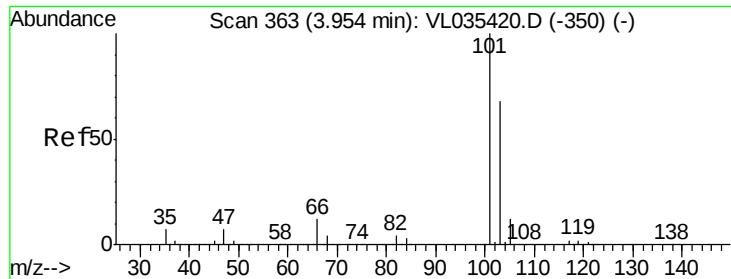
Tgt Ion: 43 Resp: 110851

Ion Ratio Lower Upper

43 100

57 63.6 39.8 59.6#





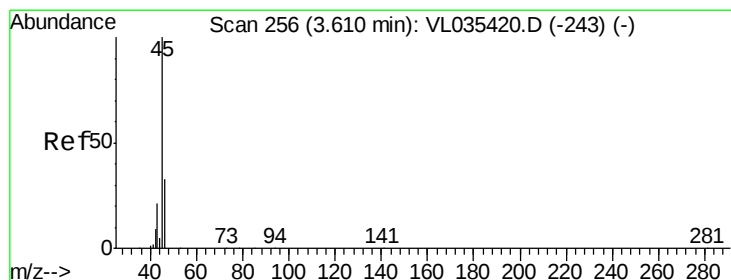
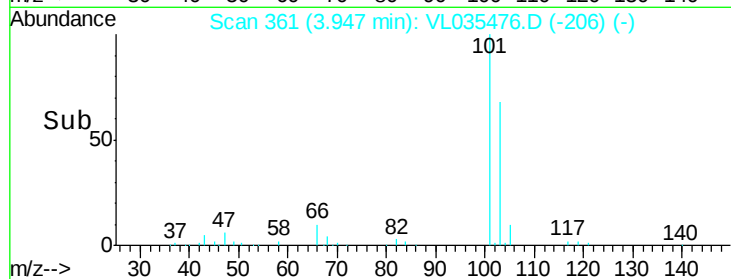
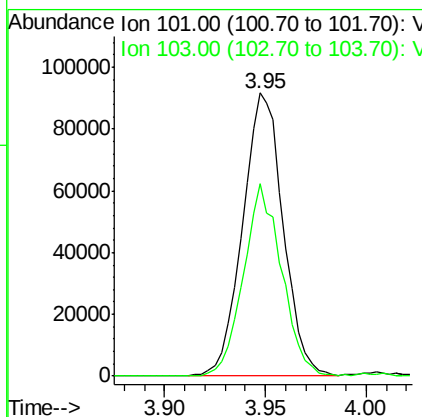
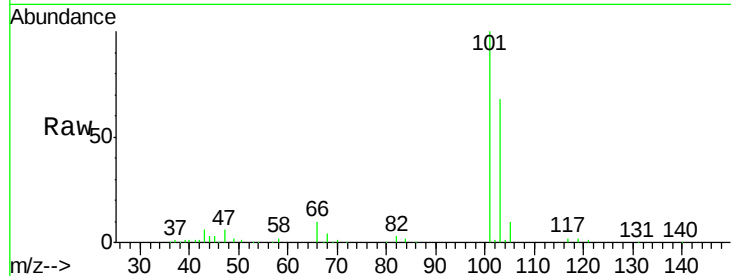
#11
 Trichlorofluoromethane
 Concen: 0.406 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. -0.00 min
 Lab File: VL035476.D
 Acq: 20 Aug 2020 15:49

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-2

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.9	52.6	78.8

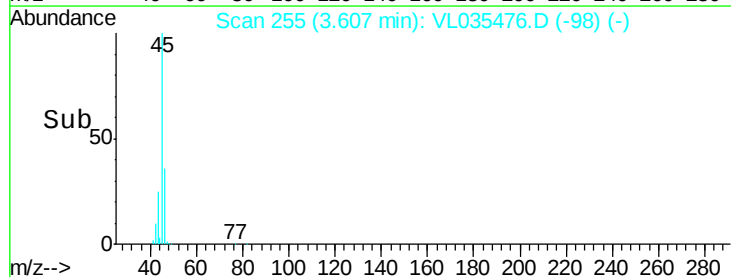
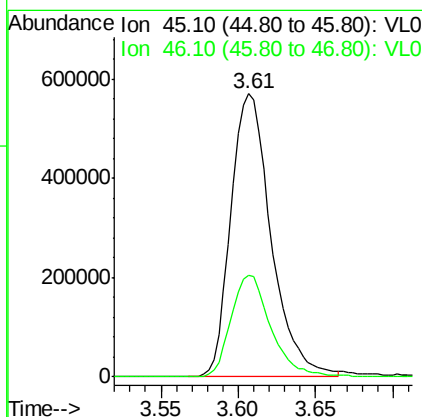
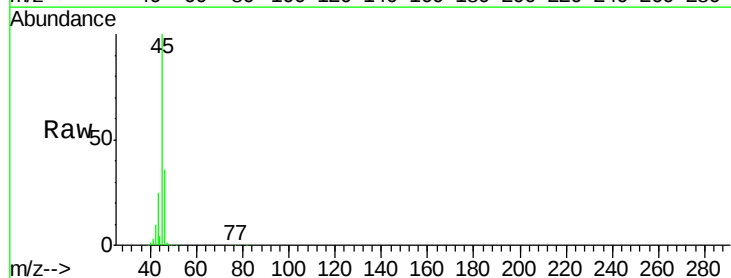
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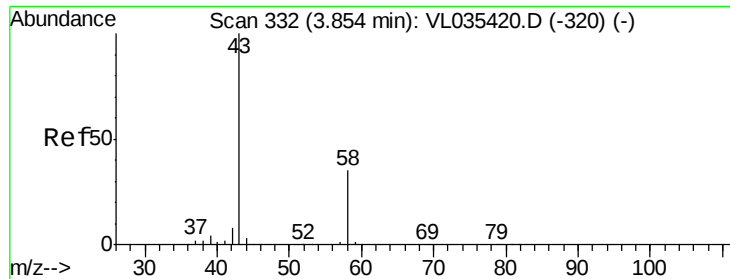
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#13
 Ethanol
 Concen: 51.129 ppbv
 RT: 3.61 min Scan# 255
 Delta R.T. 0.01 min
 Lab File: VL035476.D
 Acq: 20 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.3	14.2	56.6





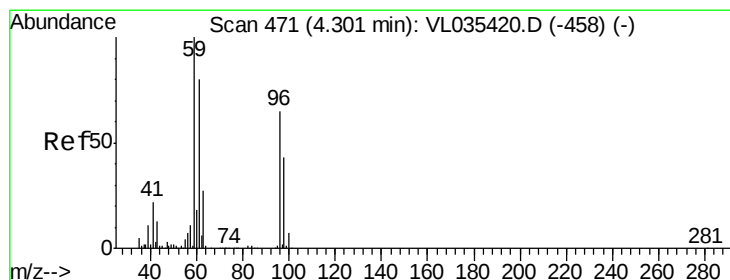
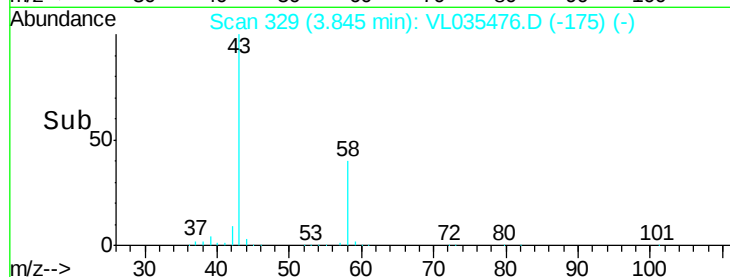
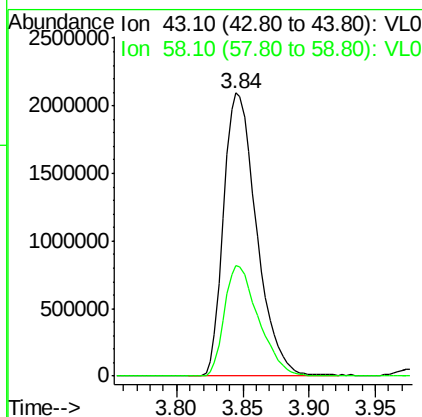
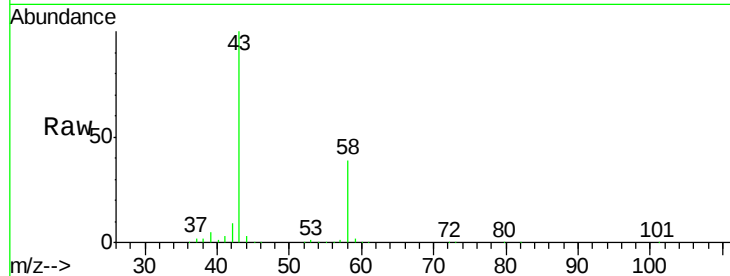
#15
Acetone
Concen: 28.905 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.00 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Instrument :
MSVOA_L
ClientSampleId :
SSMP-2

Tot Ion: 43 Resp: 3633417
Ion Ratio Lower Upper
43 100
58 40.3 21.0 31.6#

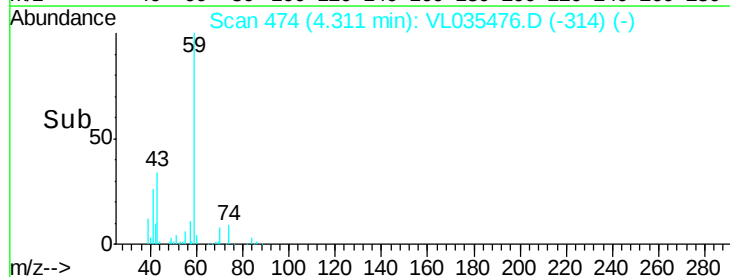
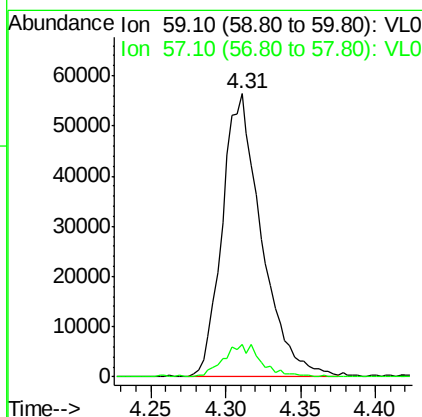
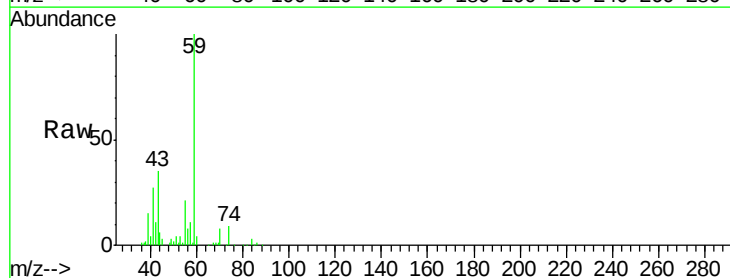
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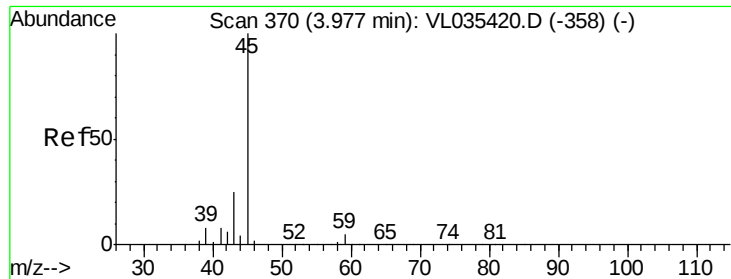
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#17
tert-Butyl alcohol
Concen: 0.637 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.02 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Tgt Ion: 59 Resp: 103542
Ion Ratio Lower Upper
59 100
57 11.2 8.9 13.3





#19

Isopropyl Alcohol

Concen: 3.823 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.01 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

ClientSampled :

SSMP-2

Tot Ion: 45 Resp: 331234

Ion Ratio Lower Upper

45 100

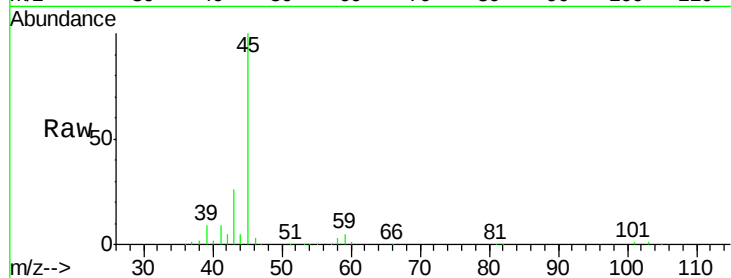
58 0.0 1.0 1.6#

Manual Integrations

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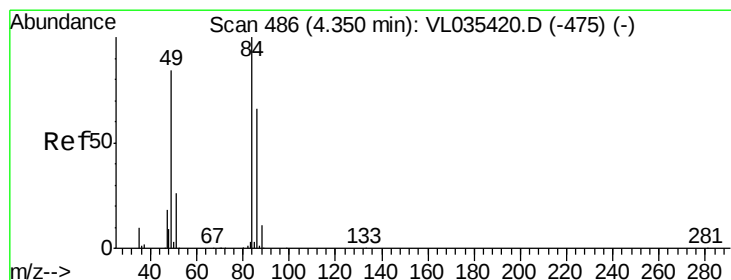
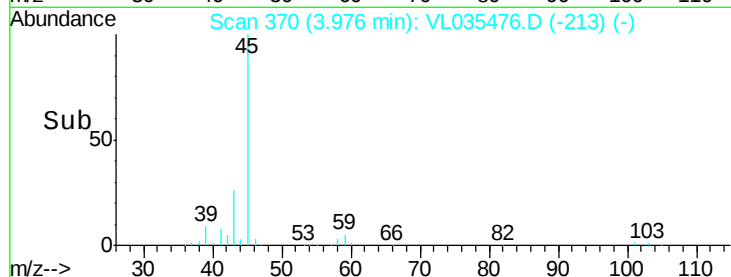
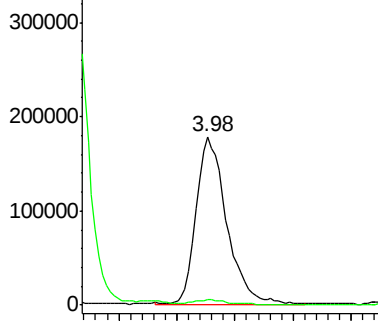
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 6.894 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Tgt Ion: 84 Resp: 699211

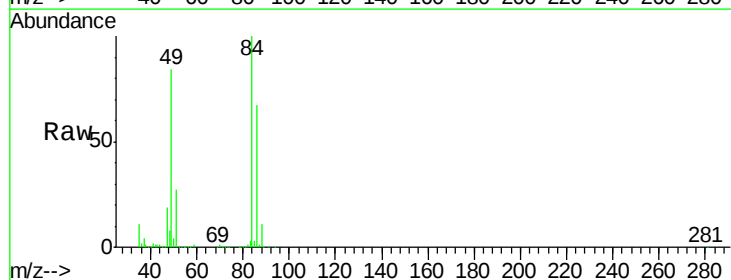
Ion Ratio Lower Upper

84 100

49 83.5 118.6 177.8#

51 26.9 36.4 54.6#

86 67.4 50.2 75.4

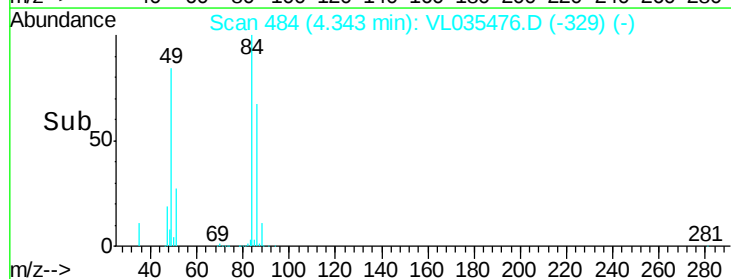
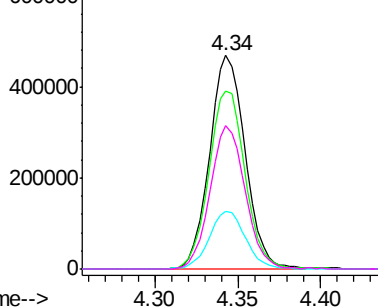


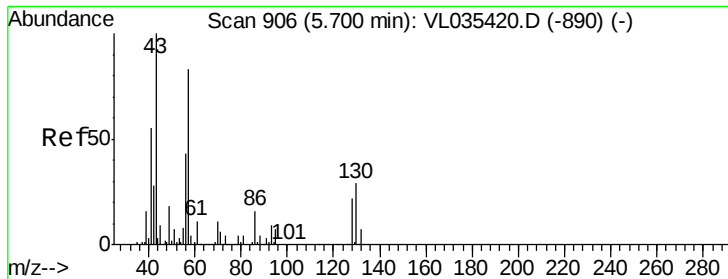
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#26

Hexane

Concen: 3.177 ppbv

RT: 5.69 min Scan# 903

Delta R.T. -0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

ClientSampleId :

SSMP-2

Tot Ion: 57 Resp: 438477
Ion Ratio Lower Upper

57 100

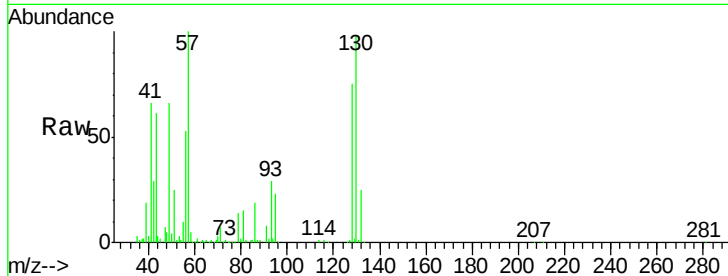
41 67.7 75.5 113.3#

43 62.9 181.7 272.5#

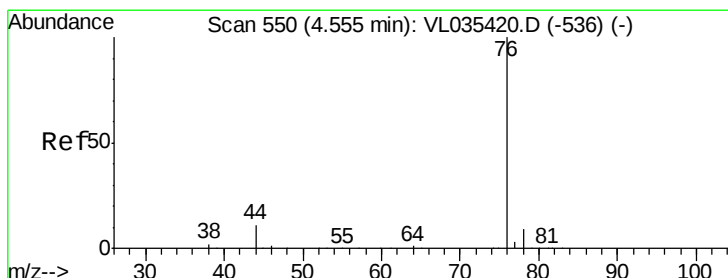
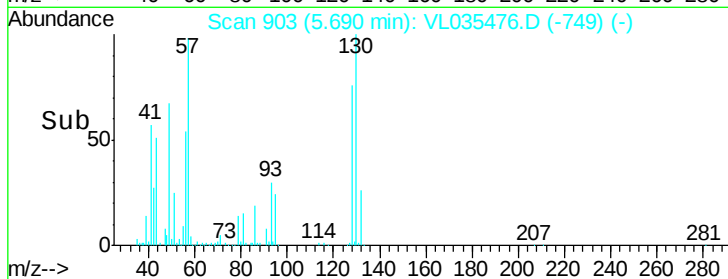
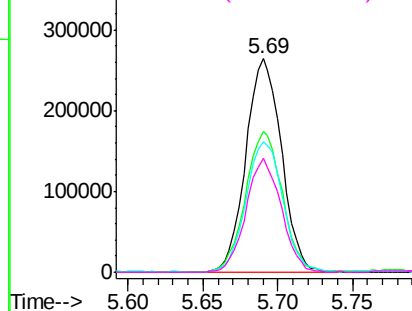
56 53.0 42.4 63.6

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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: 0.449 ppbv

RT: 4.55 min Scan# 548

Delta R.T. -0.00 min

Lab File: VL035476.D

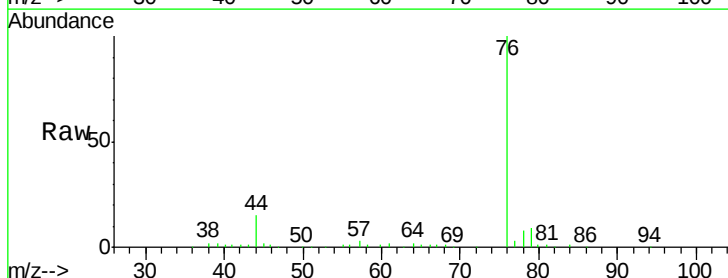
Acq: 20 Aug 2020 15:49

Tgt Ion: 76 Resp: 89520
Ion Ratio Lower Upper

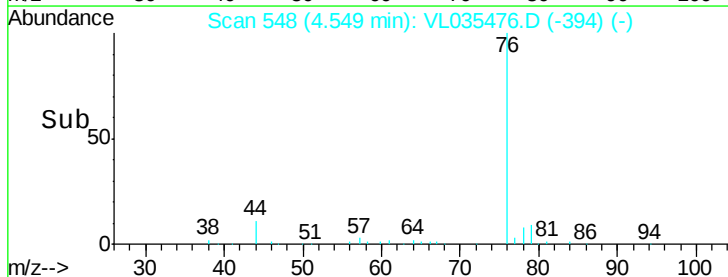
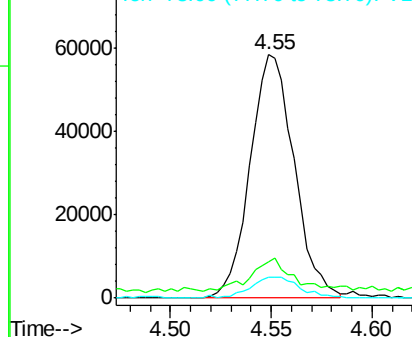
76 100

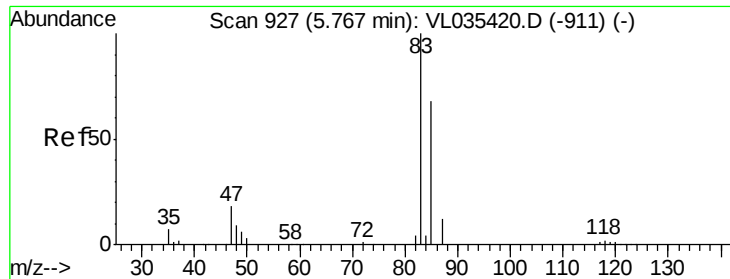
44 14.5 16.8 25.2#

78 9.9 7.3 10.9



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





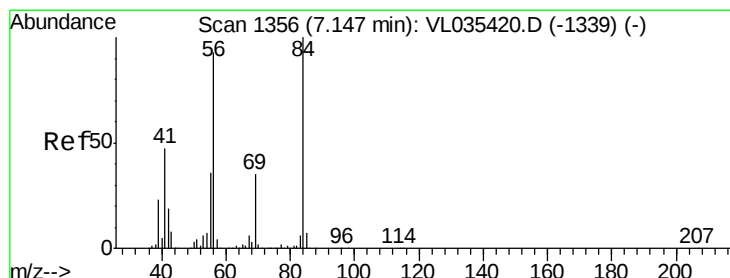
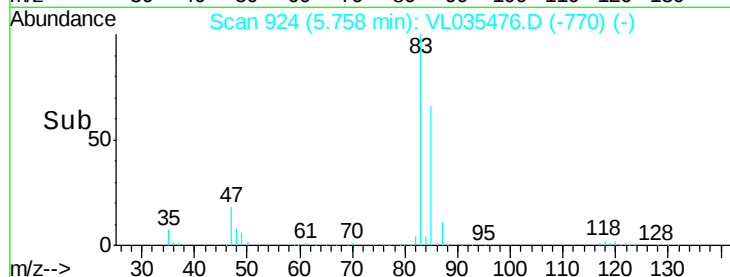
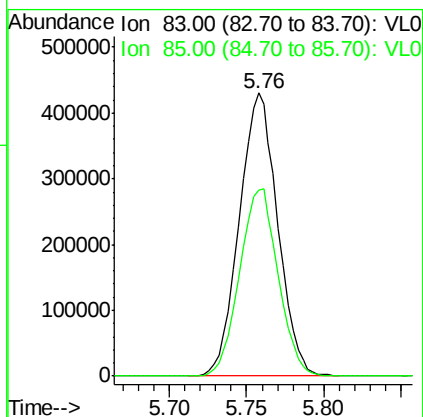
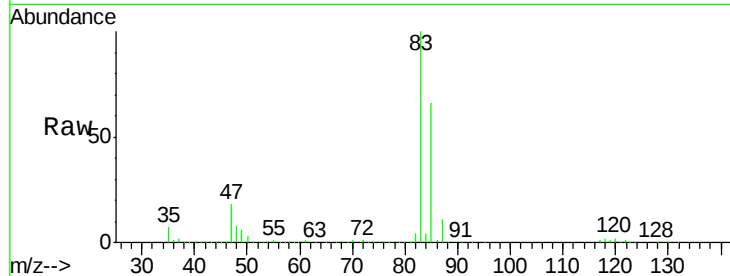
#29
Chloroform
Concen: 2.672 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.00 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Instrument :
MSVOA_L
ClientSampled :
SSMP-2

Tot Ion: 83 Resp: 741049
Ion Ratio Lower Upper
83 100
85 65.5 52.7 79.1

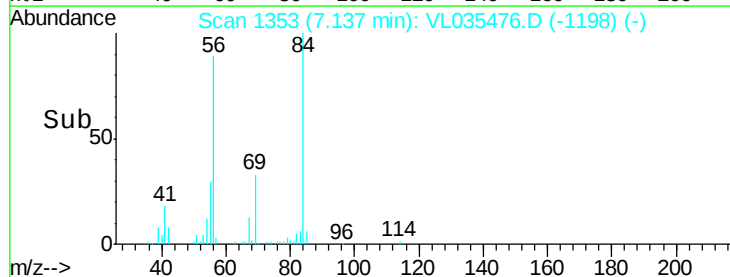
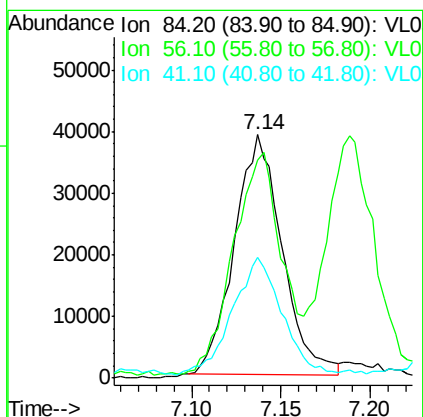
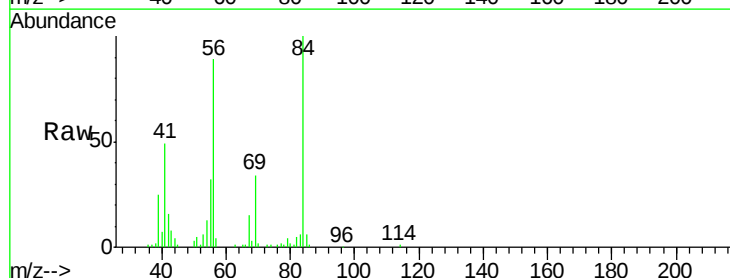
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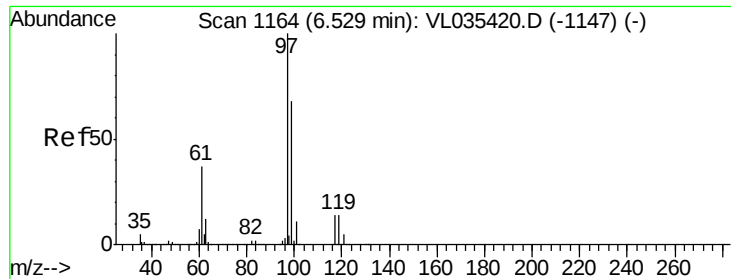
MMDadoda
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#30
Cyclohexane
Concen: 0.478 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Tgt Ion: 84 Resp: 73200
Ion Ratio Lower Upper
84 100
56 94.2 114.9 172.3#
41 51.7 72.3 108.5#





#32

1,1,1-Trichloroethane

Concen: 0.249 ppbv

RT: 6.52 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

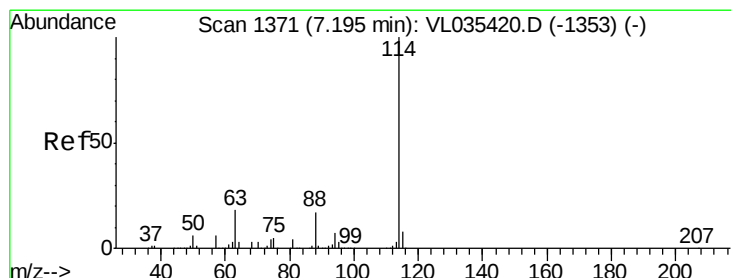
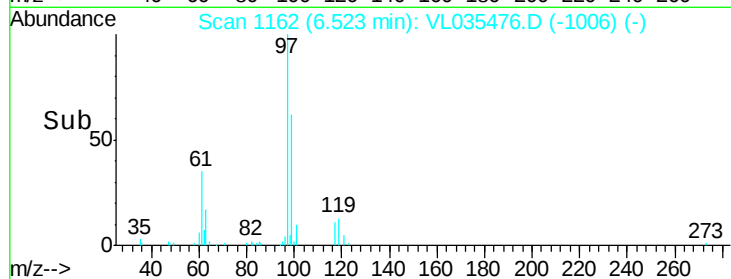
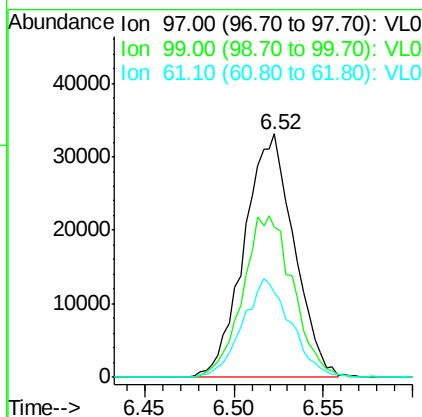
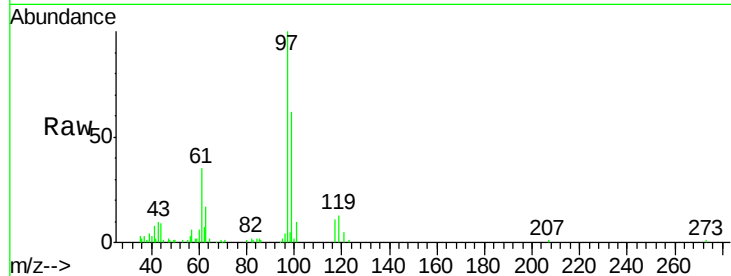
ClientSampled :

SSMP-2

Tot Ion:	97	Resp:	64605
Ion Ratio	Lower	Upper	
97	100		
99	66.9	51.4	77.0
61	39.1	41.0	61.6#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

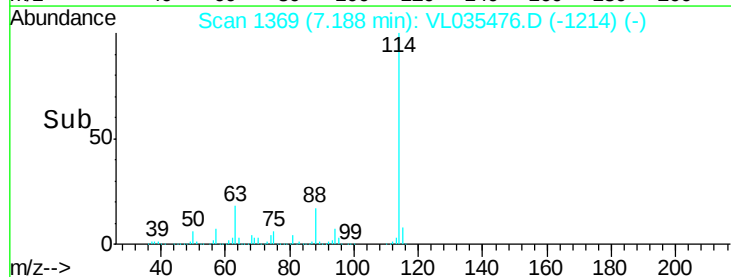
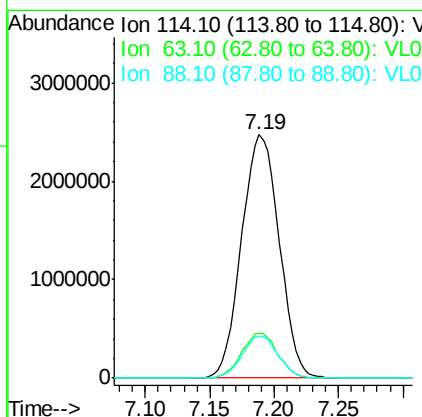
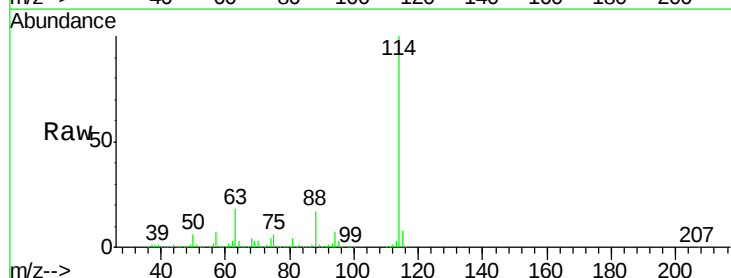
RT: 7.19 min Scan# 1369

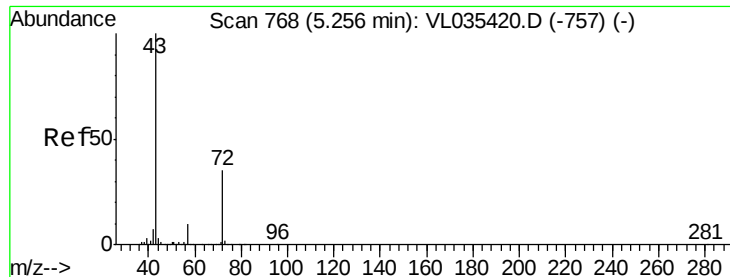
Delta R.T. -0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Tgt Ion:	114	Resp:	5036232
Ion Ratio	Lower	Upper	
114	100		
63	17.7	23.1	34.7#
88	16.5	15.9	23.9





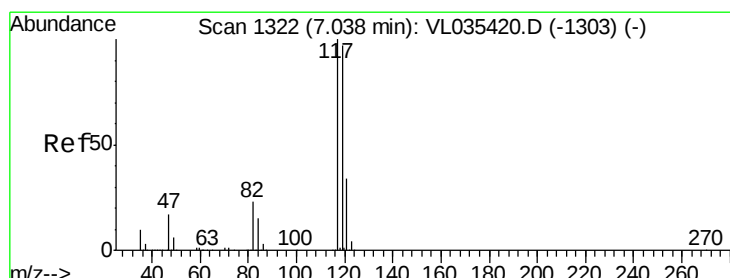
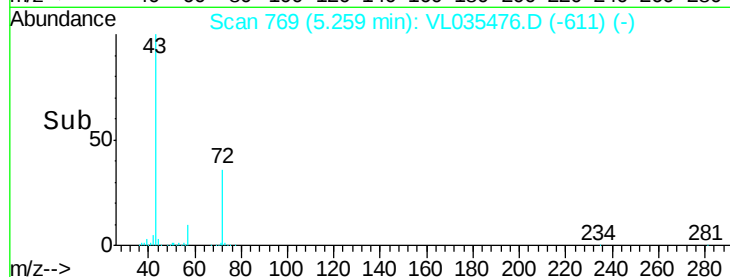
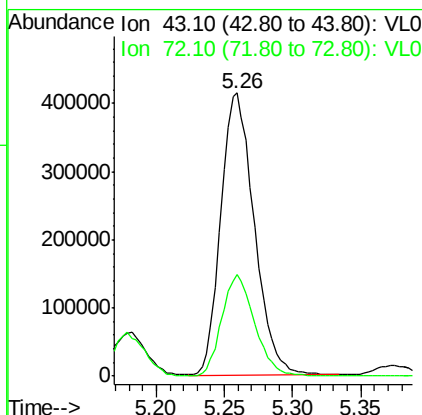
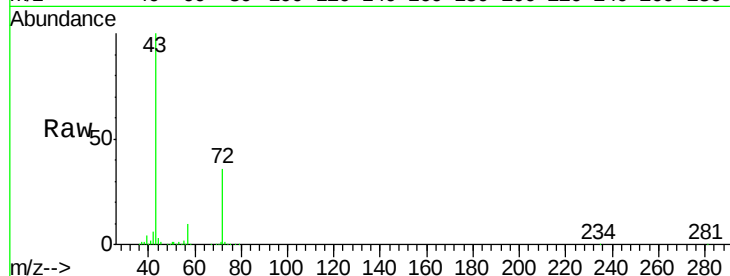
#34
2-Butanone
Concen: 4.193 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Instrument :
MSVOA_L
ClientSampleId :
SSMP-2

Tot Ion: 43 Resp: 705506
Ion Ratio Lower Upper
43 100
72 35.1 17.6 26.4#

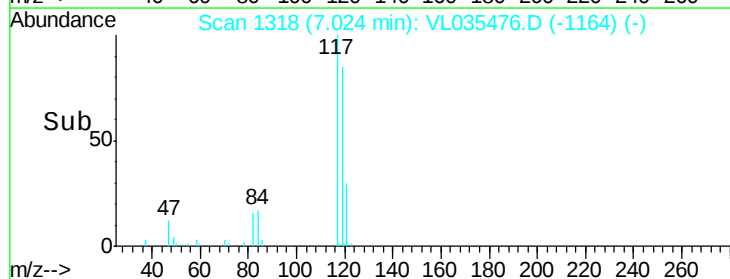
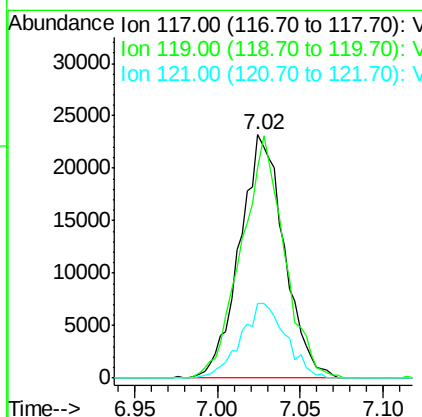
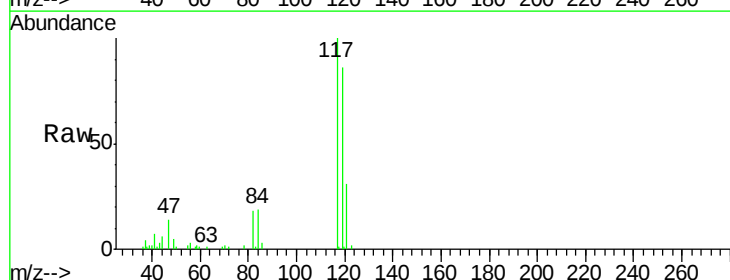
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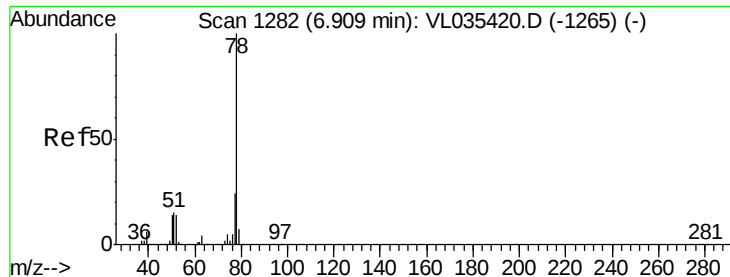
MMDadoda
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#35
Carbon Tetrachloride
Concen: 0.162 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Tgt Ion: 117 Resp: 43375
Ion Ratio Lower Upper
117 100
119 86.2 76.1 114.1
121 30.6 25.5 38.3





#36

Benzene

Concen: 1.236 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

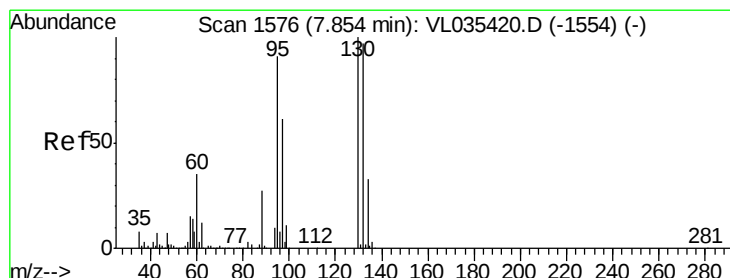
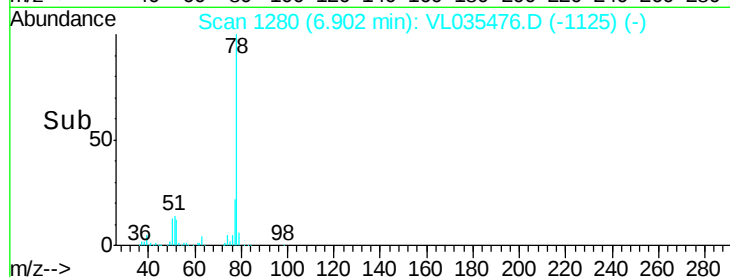
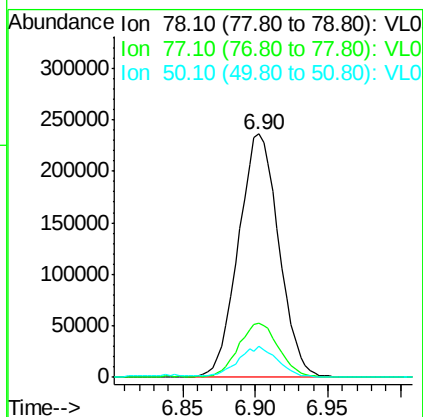
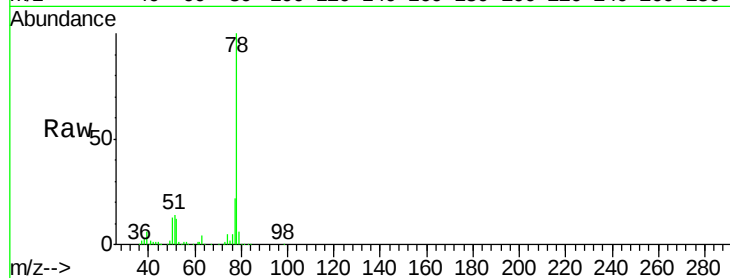
ClientSampleId :

SSMP-2

Tot Ion:	78	Resp:	456776
Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.6	29.4
50	12.9	16.3	24.5#

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#38

Trichloroethene

Concen: 68.577 ppbv m

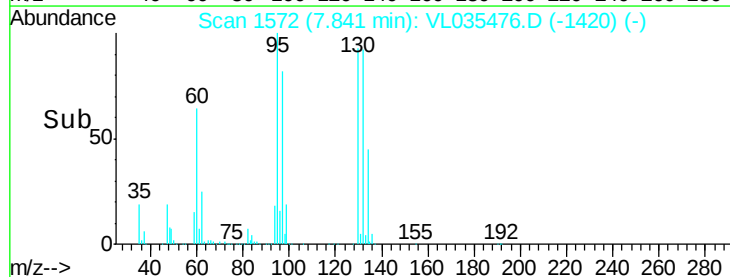
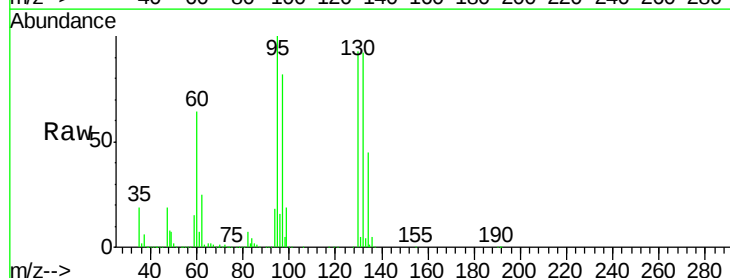
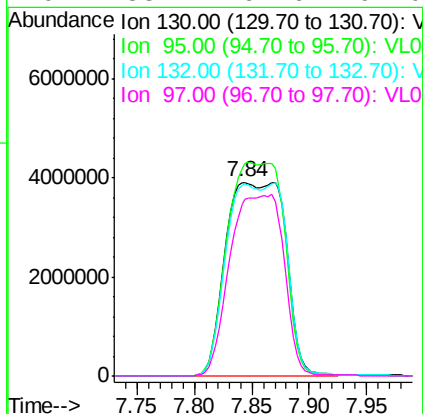
RT: 7.84 min Scan# 1572

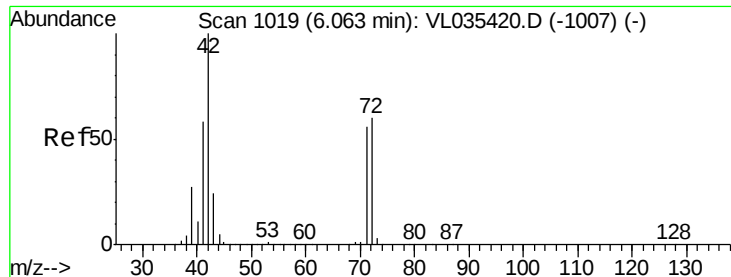
Delta R.T. -0.01 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Tgt Ion:	130	Resp:	14100214
Ion	Ratio	Lower	Upper
130	100		
95	107.1	95.8	143.8
132	98.6	74.3	111.5
97	88.2	62.6	94.0





#41

Tetrahydrofuran

Concen: 2.144 ppbv

RT: 6.07 min Scan# 1022

Delta R.T. 0.02 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

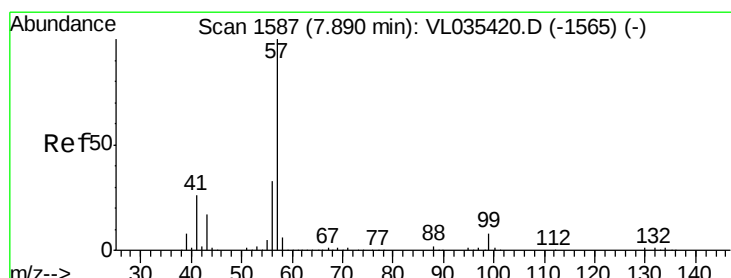
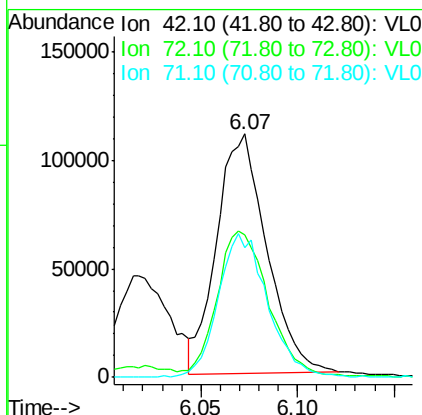
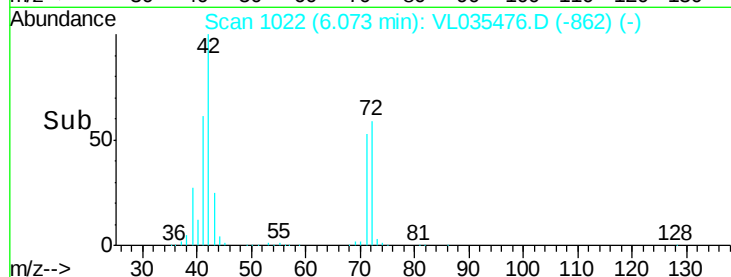
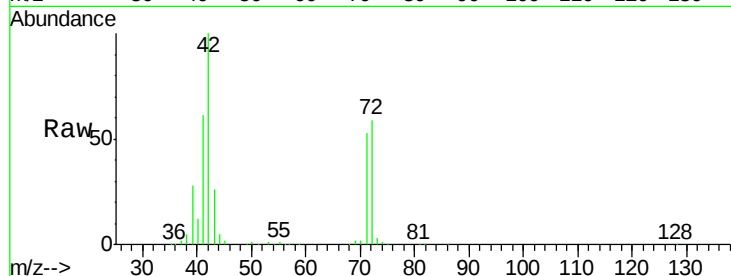
ClientSampled :

SSMP-2

Tot Ion	Ratio	Lower	Upper
42	100		
72	69.0	29.4	44.2#
71	59.5	28.9	43.3#

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#44

2,2,4-Trimethylpentane

Concen: 0.648 ppbv

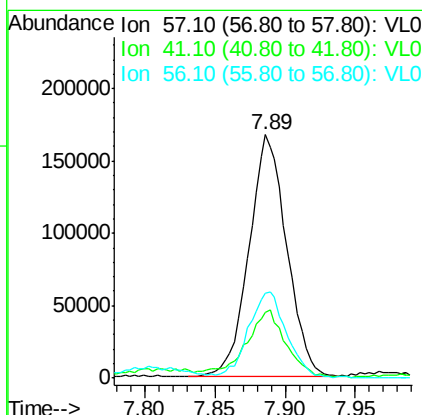
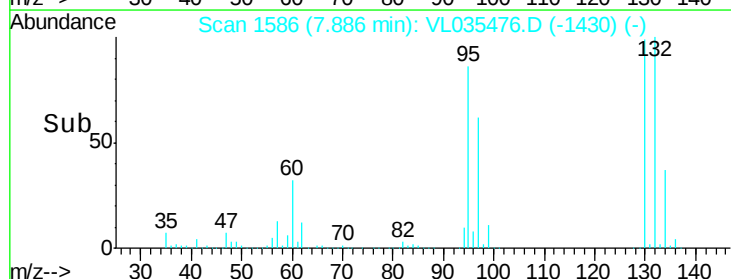
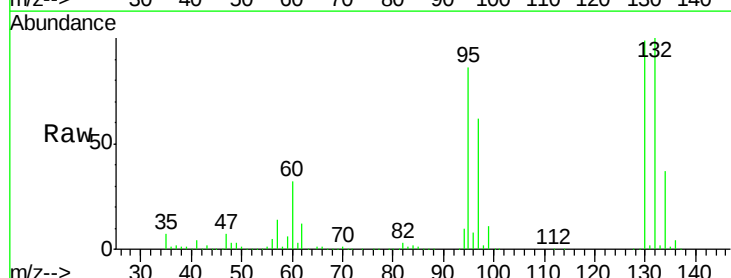
RT: 7.89 min Scan# 1586

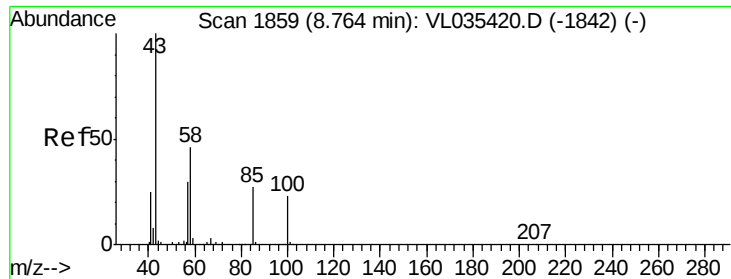
Delta R.T. 0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
57	100		
41	30.6	27.2	40.8
56	36.2	25.4	38.0





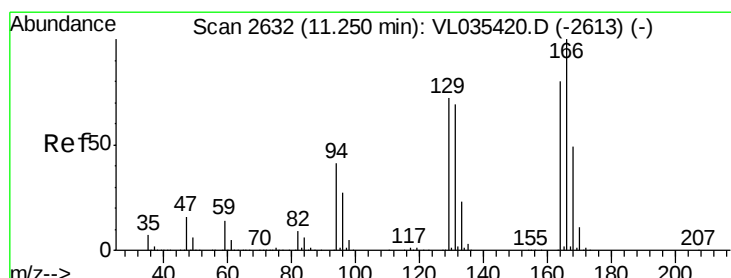
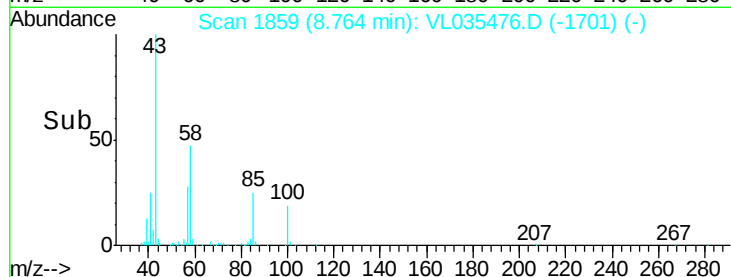
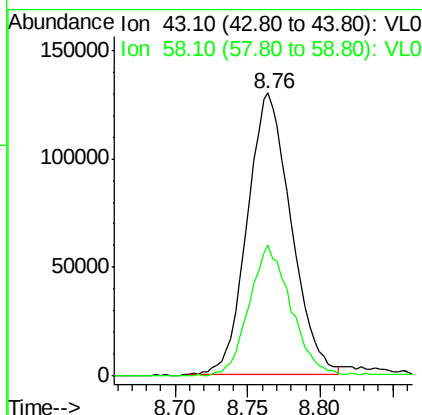
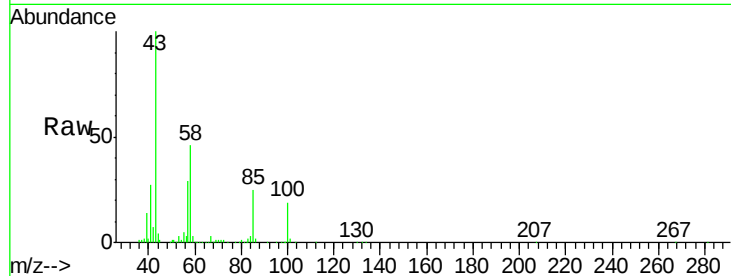
#50
4-Methyl-2-Pentanone
Concen: 1.133 ppbv
RT: 8.76 min Scan# 1859
Delta R.T. 0.01 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Instrument :
MSVOA_L
ClientSampleId :
SSMP-2

Tot Ion: 43 Resp: 273568
Ion Ratio Lower Upper
43 100
58 45.7 28.7 43.1#

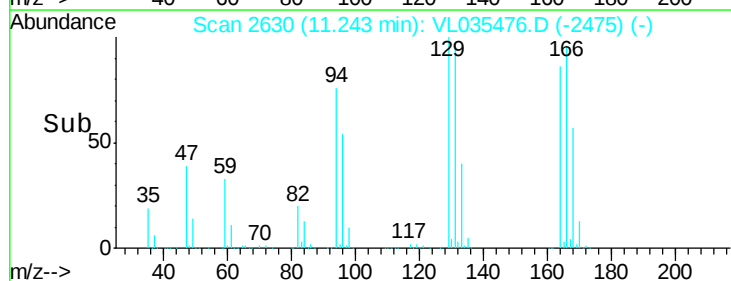
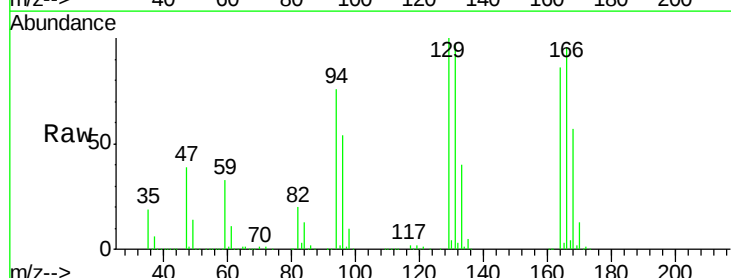
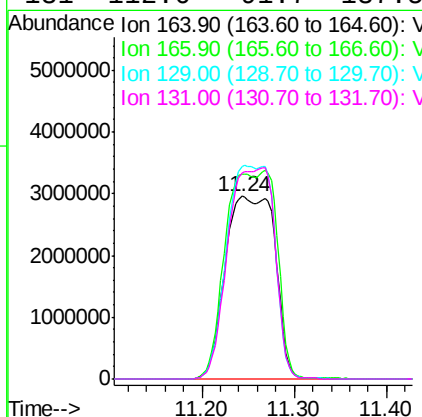
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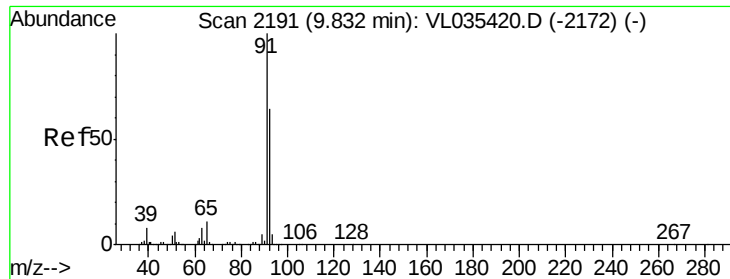
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#52
Tetrachloroethene
Concen: 48.966 ppbv m
RT: 11.24 min Scan# 2630
Delta R.T. -0.00 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Tgt Ion: 164 Resp: 11040191
Ion Ratio Lower Upper
164 100
166 112.3 103.4 155.0
129 116.5 90.2 135.4
131 112.6 91.7 137.5





#53

Toluene

Concen: 5.490 ppbv

RT: 9.82 min Scan# 2189

Delta R.T. 0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

ClientSampleId :

SSMP-2

Tot Ion: 91 Resp: 2613653

Ion Ratio Lower Upper

91 100

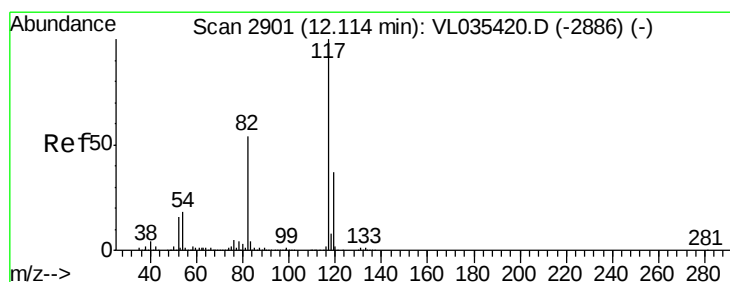
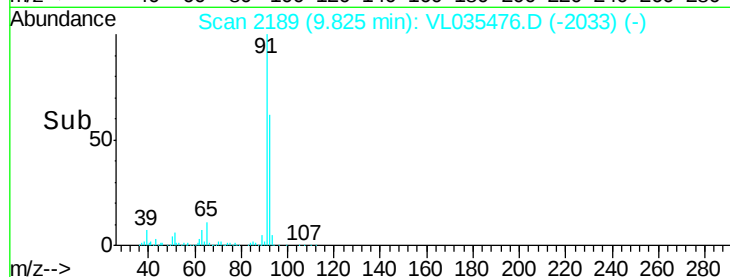
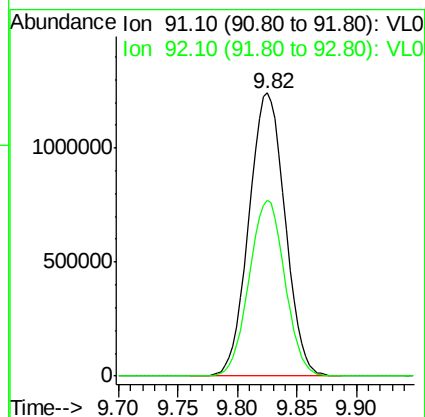
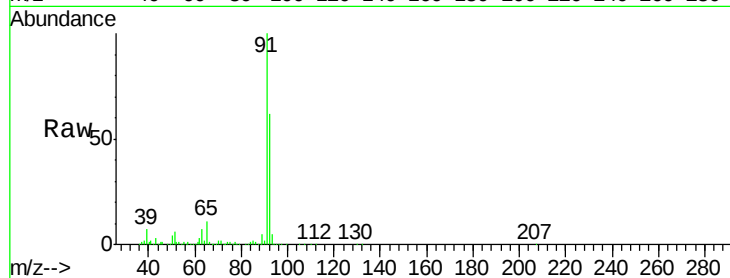
92 61.6 49.1 73.7

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

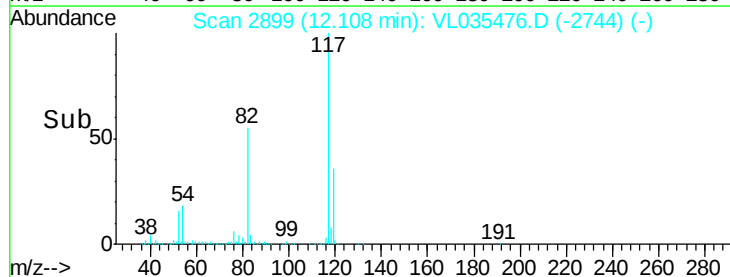
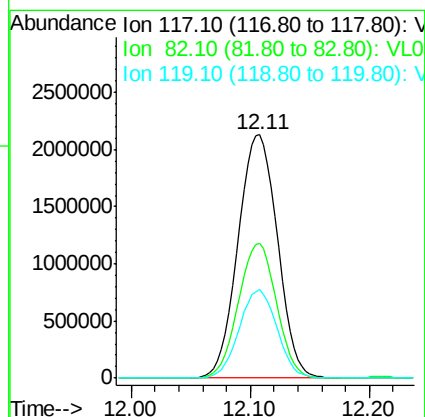
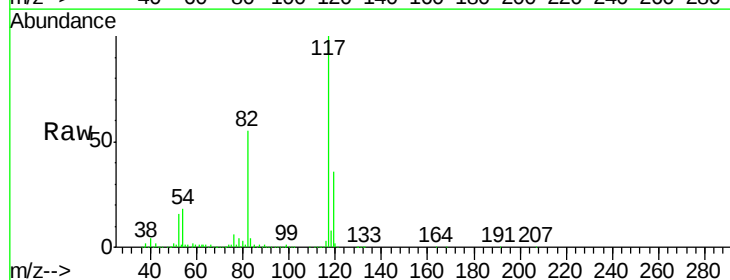
Tgt Ion: 117 Resp: 4887882

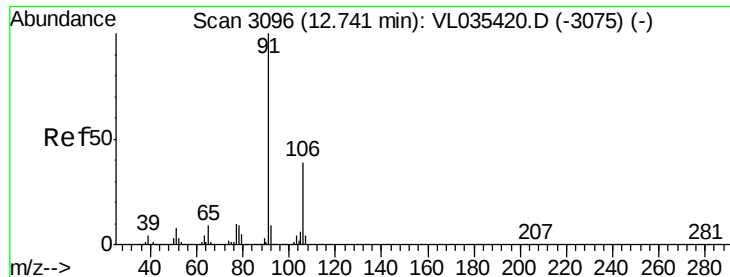
Ion Ratio Lower Upper

117 100

82 53.6 57.4 86.0#

119 35.0 28.4 42.6





#58

Ethyl Benzene

Concen: 1.030 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. -0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

ClientSampleId :

SSMP-2

Tot Ion: 91 Resp: 607823

Ion Ratio Lower Upper

91 100

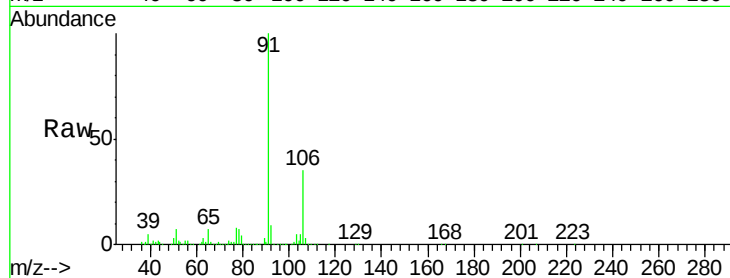
106 34.9 24.1 36.1

Manual Integrations

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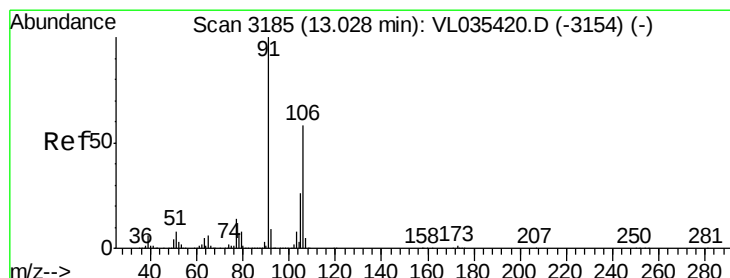
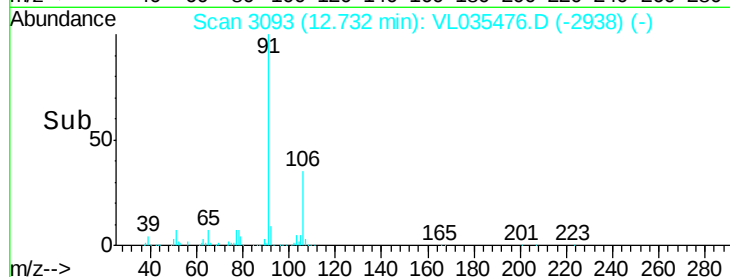
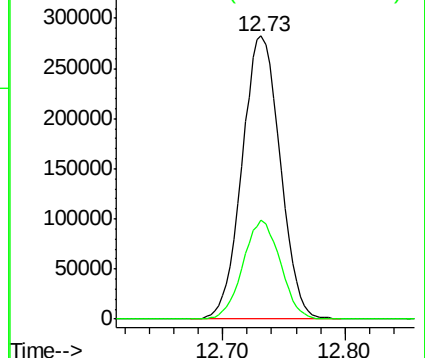
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 3.890 ppbv

RT: 12.99 min Scan# 3172

Delta R.T. -0.04 min

Lab File: VL035476.D

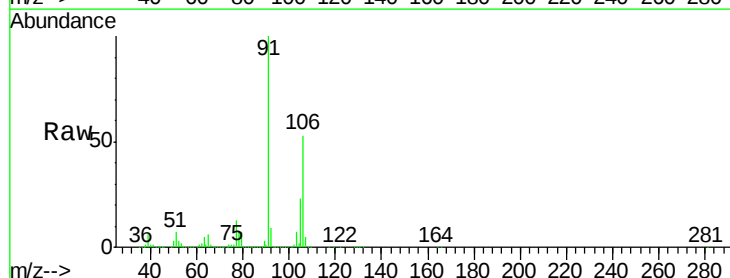
Acq: 20 Aug 2020 15:49

Tgt Ion: 91 Resp: 1940210

Ion Ratio Lower Upper

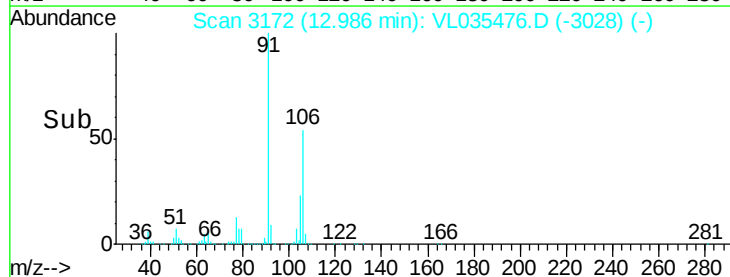
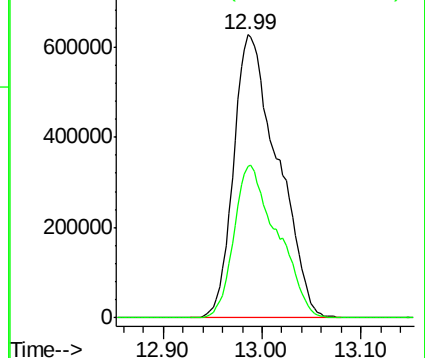
91 100

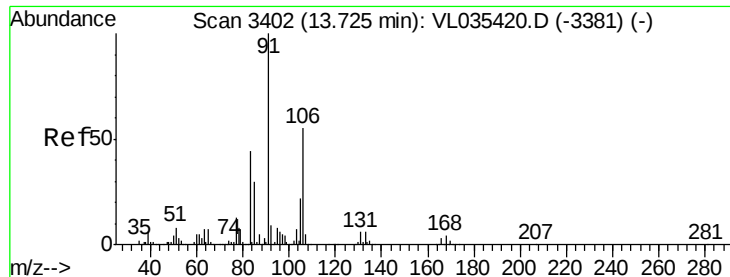
106 53.0 34.0 51.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#60

o-Xylene

Concen: 1.573 ppbv

RT: 13.71 min Scan# 3398

Delta R.T. -0.00 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

ClientSampleId :

SSMP-2

Tot Ion: 91 Resp: 762466

Ion Ratio Lower Upper

91 100

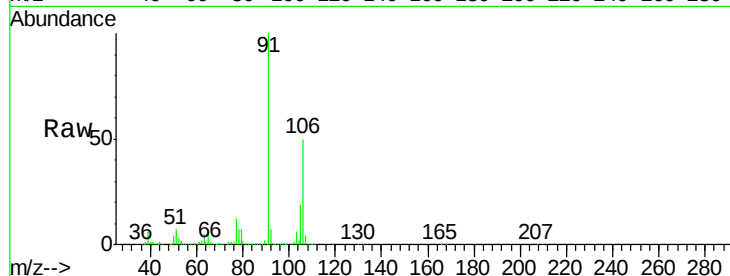
106 50.2 21.8 65.3

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.71

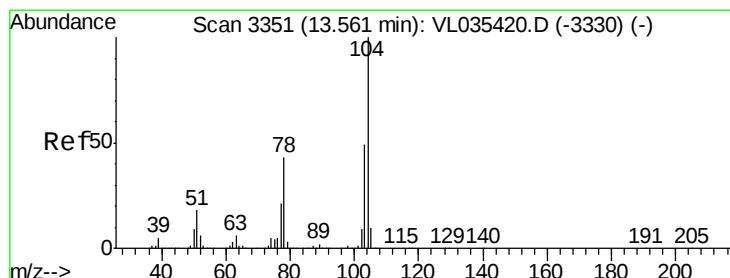
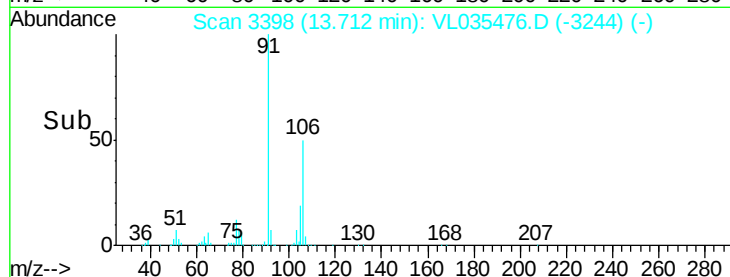
300000

200000

100000

0

Time-->



#61

Styrene

Concen: 0.221 ppbv

RT: 13.55 min Scan# 3346

Delta R.T. -0.01 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

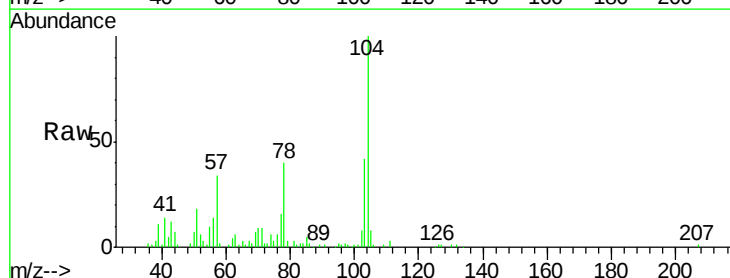
Tgt Ion: 104 Resp: 86386

Ion Ratio Lower Upper

104 100

78 42.2 45.4 68.2#

103 45.9 37.8 56.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V

13.55

50000

40000

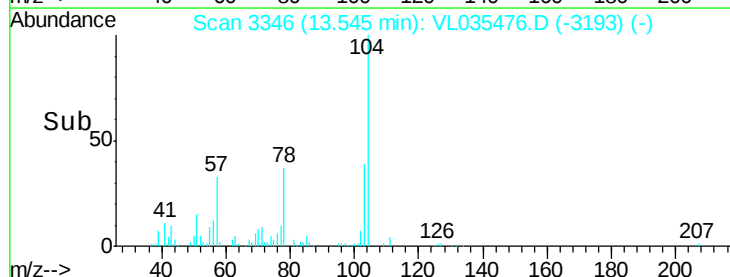
30000

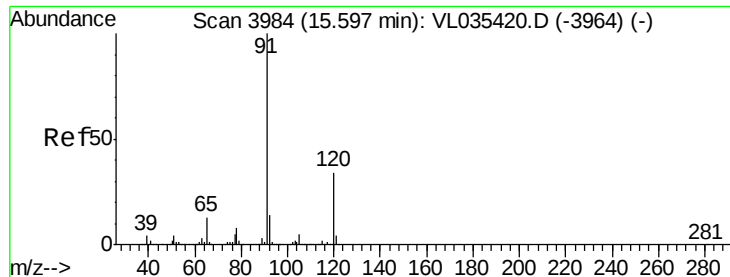
20000

10000

0

Time-->





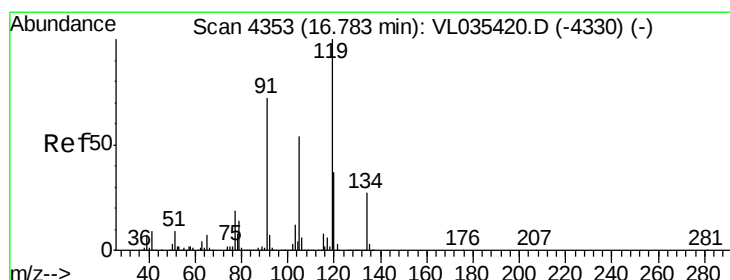
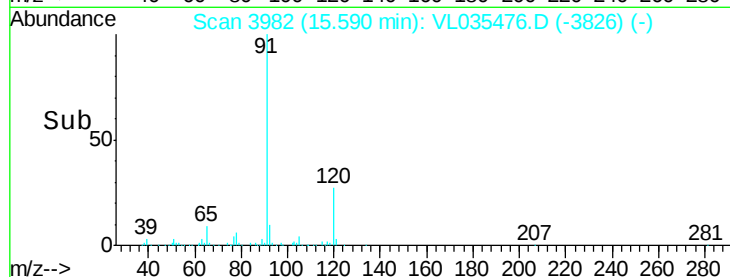
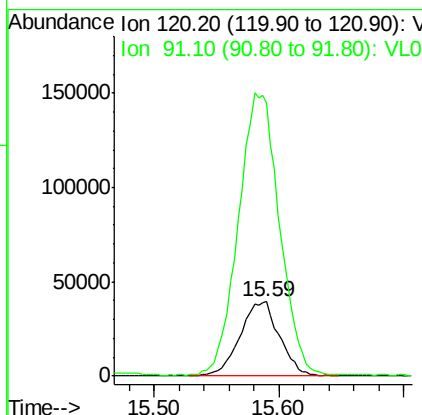
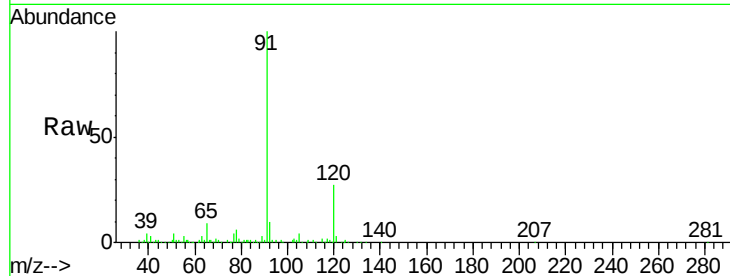
#64
n-propylbenzene
Concen: 0.353 ppbv m
RT: 15.59 min Scan# 3982
Delta R.T. 0.00 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Instrument :
MSVOA_L
ClientSampleId :
SSMP-2

Tot Ion:120 Resp: 86354
Ion Ratio Lower Upper
120 100
91 0.0 385.5 578.3#

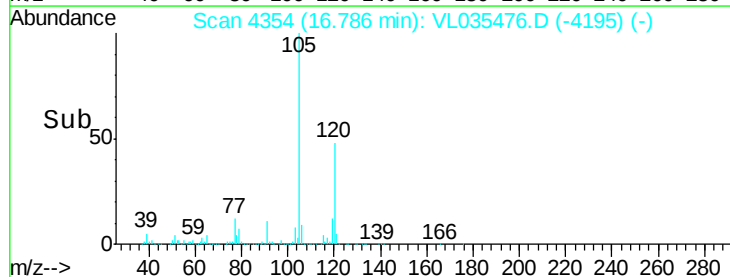
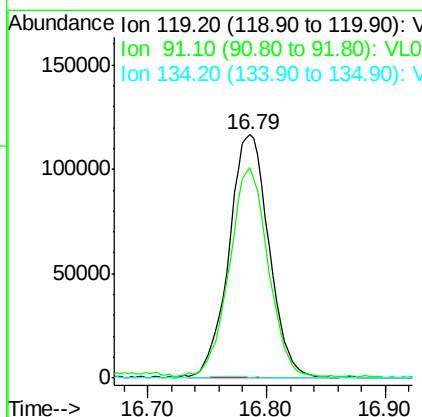
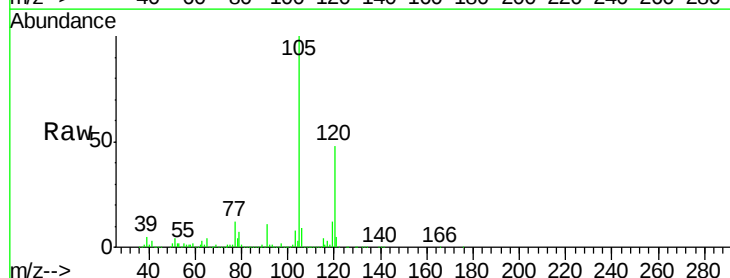
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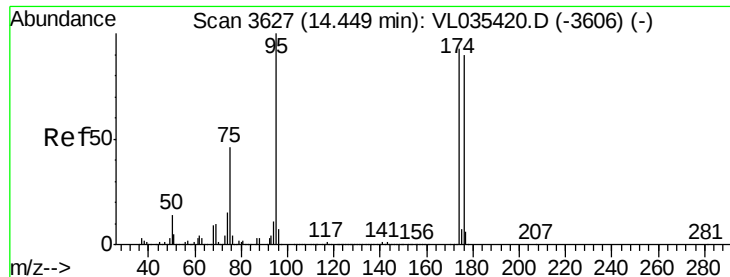
MMDadoda
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#65
tert-Butylbenzene
Concen: 0.348 ppbv
RT: 16.79 min Scan# 4354
Delta R.T. 0.01 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Tgt Ion:119 Resp: 268615
Ion Ratio Lower Upper
119 100
91 83.8 72.0 108.0
134 1.0 15.7 23.5#





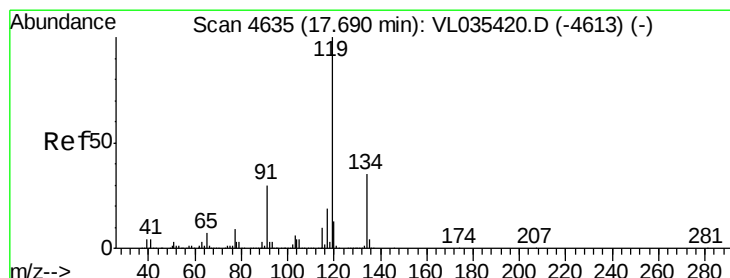
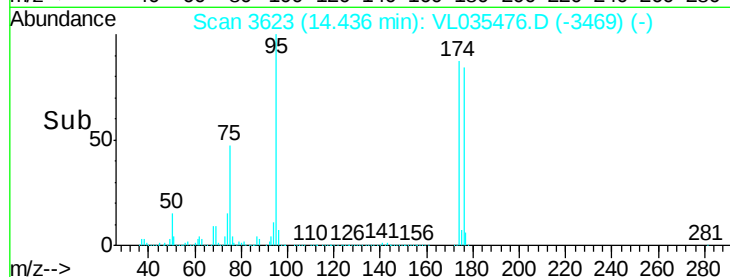
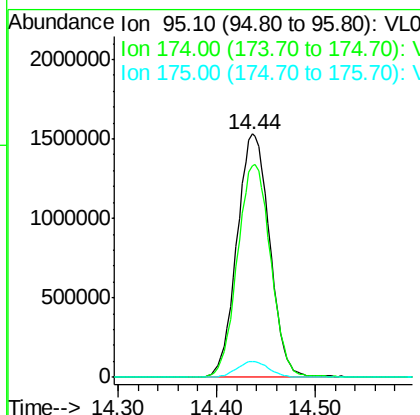
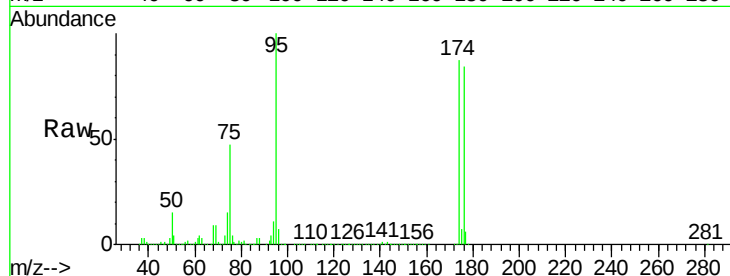
#68
1-Bromo-4-Fluorobenzene
Concen: 10.300 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Instrument :
MSVOA_L
ClientSampled :
SSMP-2

Tot Ion: 95 Resp: 3524418
Ion Ratio Lower Upper
95 100
174 89.1 44.0 66.0#
175 6.4 3.2 4.8#

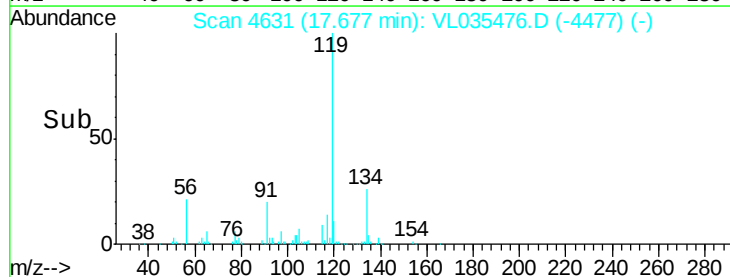
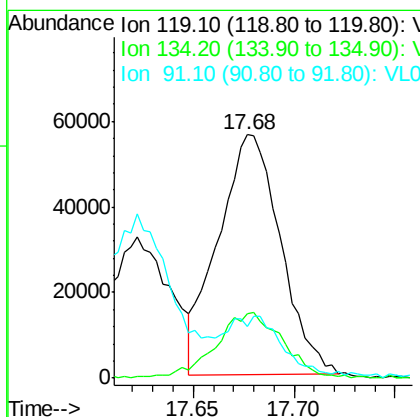
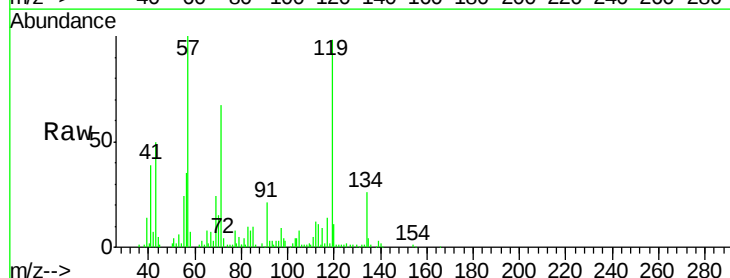
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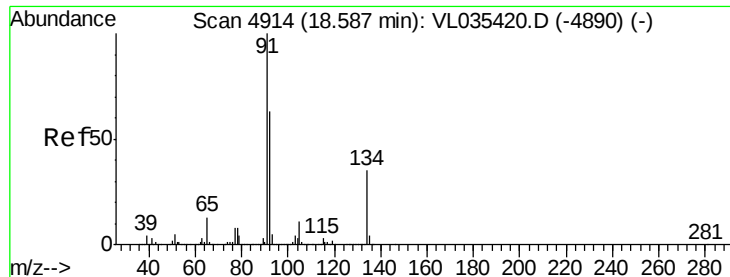
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#69
p-Isopropyltoluene
Concen: 0.134 ppbv
RT: 17.68 min Scan# 4631
Delta R.T. -0.00 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Tgt Ion: 119 Resp: 120715
Ion Ratio Lower Upper
119 100
134 29.4 20.6 30.8
91 22.0 26.6 39.8#





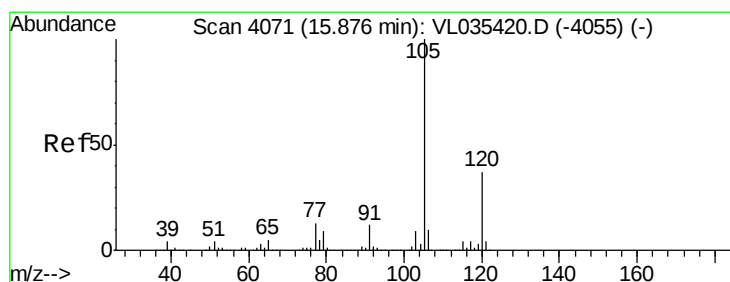
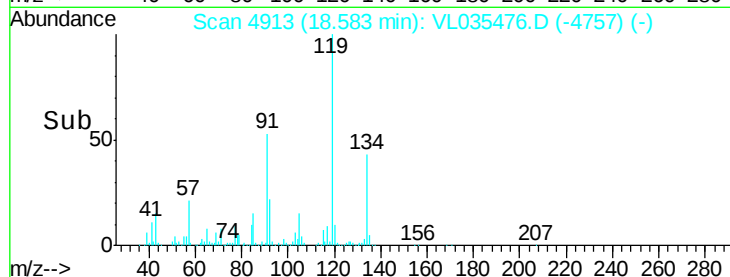
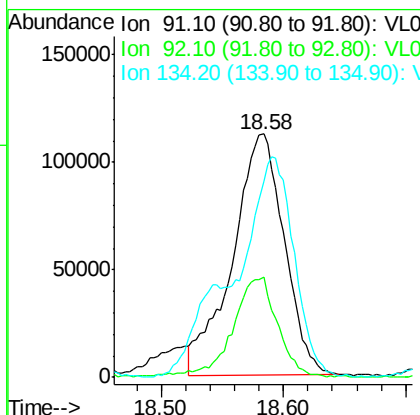
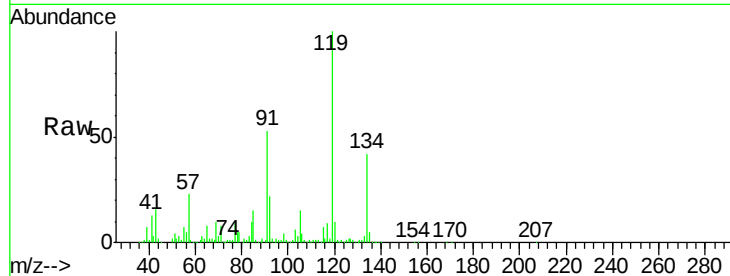
#70
n-Butylbenzene
Concen: 0.387 ppbv
RT: 18.58 min Scan# 4913
Delta R.T. 0.00 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Instrument :
MSVOA_L
ClientSampled :
SSMP-2

Tot Ion	Ratio	Lower	Upper
91	100		
92	35.9	44.8	67.2#
134	107.3	17.3	25.9#

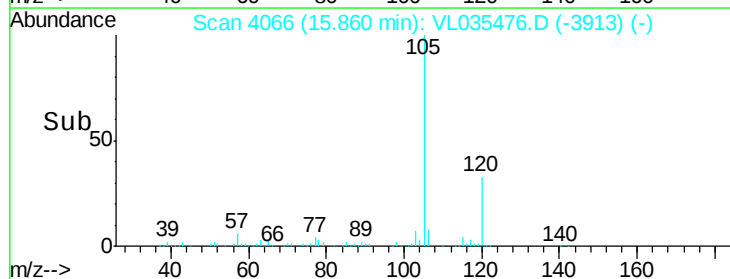
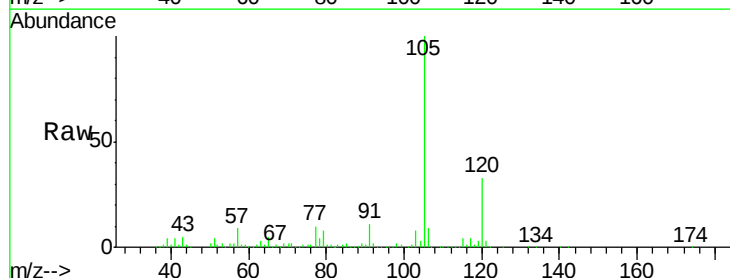
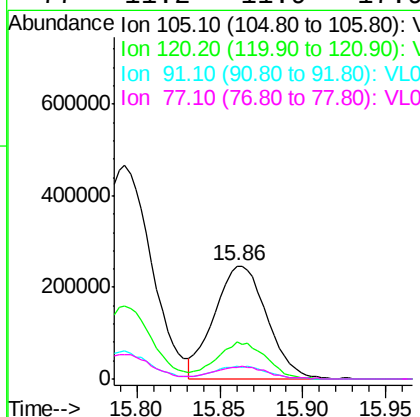
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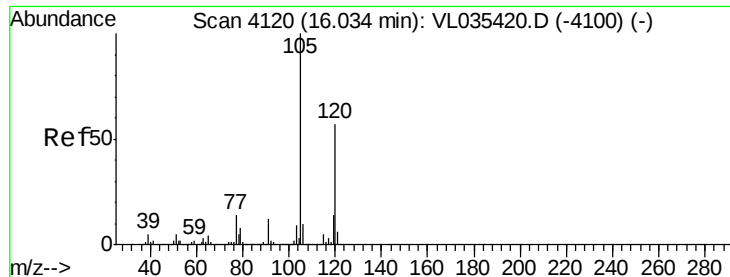
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#72
4-Ethyltoluene
Concen: 0.847 ppbv
RT: 15.86 min Scan# 4066
Delta R.T. -0.01 min
Lab File: VL035476.D
Acq: 20 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	32.2	22.7	34.1
91	11.8	10.8	16.2
77	11.2	11.9	17.9#





#73

1,3,5-Trimethylbenzene

Concen: 0.931 ppbv

RT: 16.02 min Scan# 4116

Delta R.T. -0.01 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Instrument :

MSVOA_L

ClientSampled :

SSMP-2

Tot Ion:105 Resp: 550871

Ion Ratio Lower Upper

105 100

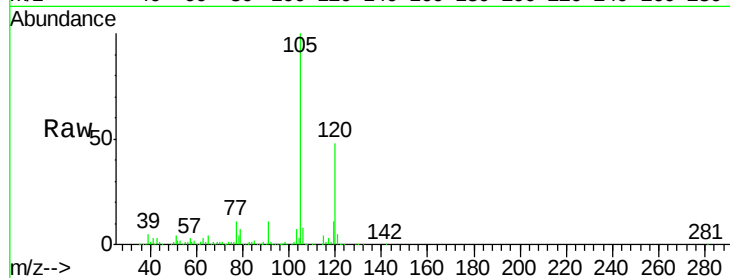
120 48.5 35.6 53.4

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

300000

250000

200000

150000

100000

50000

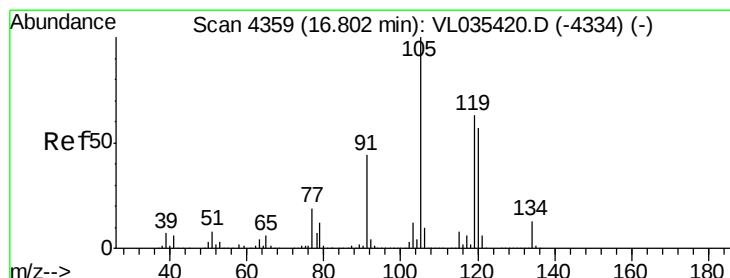
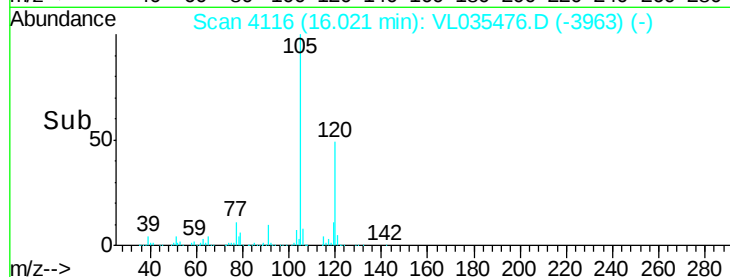
0

16.02

16.00

16.10

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 3.403 ppbv

RT: 16.79 min Scan# 4354

Delta R.T. -0.01 min

Lab File: VL035476.D

Acq: 20 Aug 2020 15:49

Tgt Ion:105 Resp: 2188850

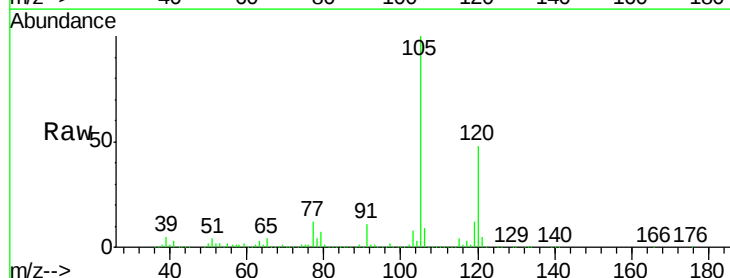
Ion Ratio Lower Upper

105 100

120 48.4 37.8 56.8

91 10.5 40.0 60.0#

77 12.1 18.8 28.2#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

1500000

1000000

500000

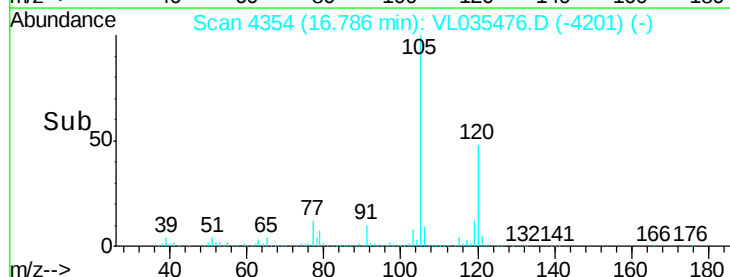
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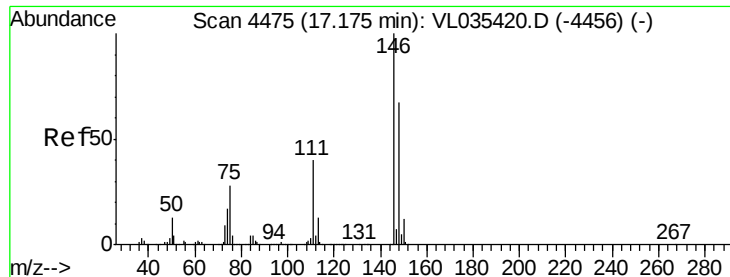
16.79

16.70

16.80

Time-->





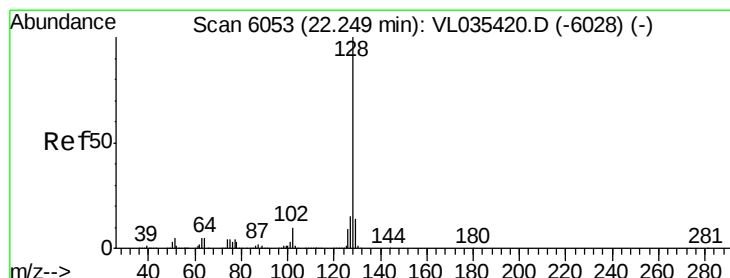
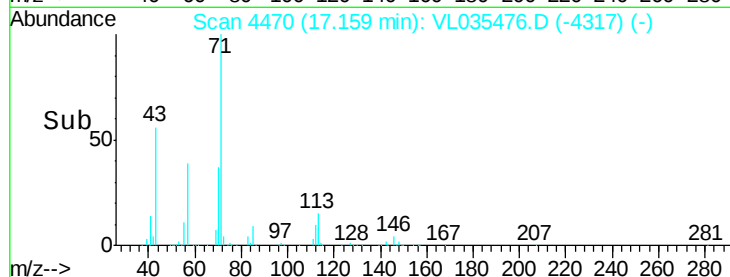
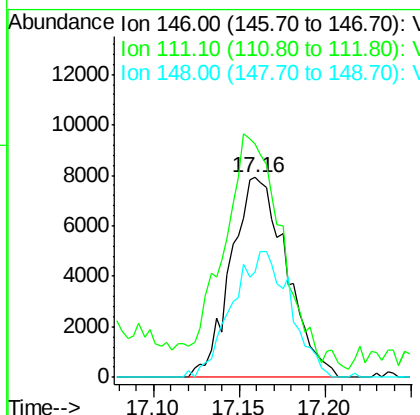
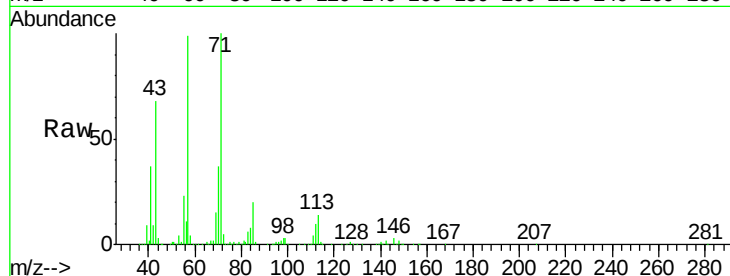
#76
 1,4-Dichlorobenzene
 Concen: 0.036 ppbv
 RT: 17.16 min Scan# 4470
 Delta R.T. -0.01 min
 Lab File: VL035476.D
 Acq: 20 Aug 2020 15:49

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-2

Tot Ion	Ratio	Lower	Upper
146	100		
111	117.8	24.8	74.4#
148	65.9	32.1	96.3

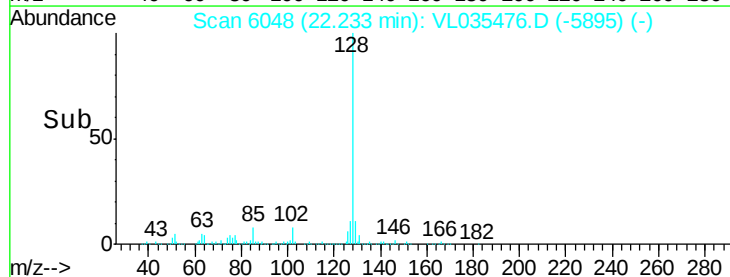
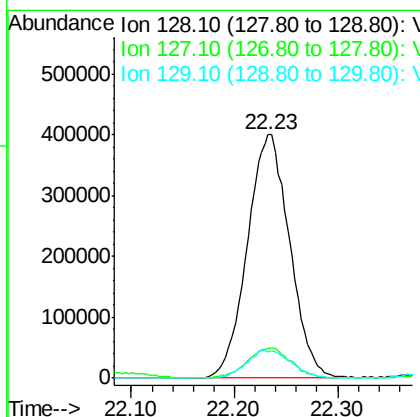
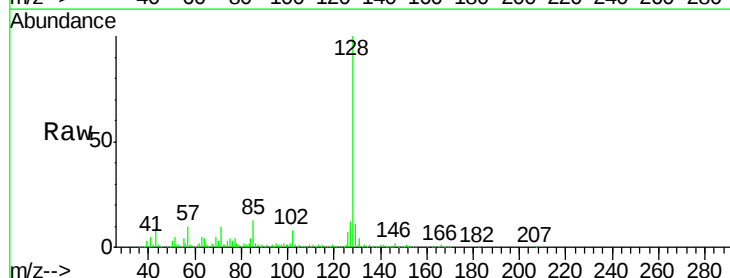
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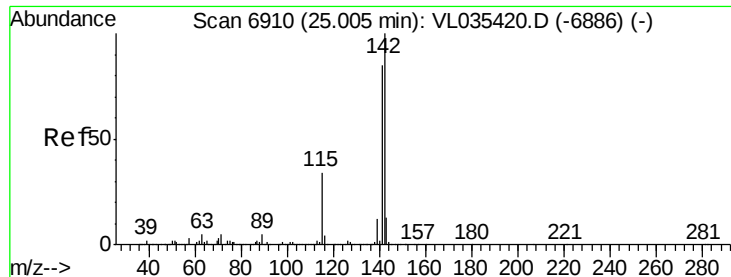
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#79
 Naphthalene
 Concen: 1.257 ppbv
 RT: 22.23 min Scan# 6048
 Delta R.T. -0.01 min
 Lab File: VL035476.D
 Acq: 20 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	11.4	17.0
129	10.8	9.5	14.3





#80
 Naphthalene, 2-methyl-
 Concen: 1.057 ppbv
 RT: 25.00 min Scan# 6908
 Delta R.T. -0.00 min
 Lab File: VL035476.D
 Acq: 20 Aug 2020 15:49

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-2

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	84.0	67.1	100.7
115	37.7	36.1	54.1

Manual Integrations
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