

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035542.D
 Acq On : 3 Sep 2020 22:32
 Operator : SY/AP
 Sample : L3898-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-5

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:12:56 PM

Quant Time: Sep 05 15:13:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1040636	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	4478263	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.13	117	4469346	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3325340	10.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	63137	0.350	ppbv	97
3) Chlorodifluoromethane	3.00	51	85251m	0.741	ppbv	
4) Chloromethane	3.15	50	37072	0.601	ppbv	100
9) Propene	3.03	41	444785	10.024	ppbv #	64
10) Heptane	8.16	43	47153	0.396	ppbv	99
11) Trichlorofluoromethane	3.96	101	969875	3.688	ppbv	97
13) Ethanol	3.64	45	1327580	120.676	ppbv	97
15) Acetone	3.88	43	17856539	155.582	ppbv #	48
19) Isopropyl Alcohol	4.00	45	660431	9.646	ppbv #	93
20) Methylene Chloride	4.38	84	1323886	15.487	ppbv	96
26) Hexane	5.71	57	704088	6.129	ppbv #	54
29) Chloroform	5.79	83	47239	0.202	ppbv	93
30) Cyclohexane	7.16	84	42053	0.342	ppbv	96
32) 1,1,1-Trichloroethane	6.55	97	39880	0.176	ppbv	96
34) 2-Butanone	5.28	43	324732	2.443	ppbv	99
35) Carbon Tetrachloride	7.05	117	17238	0.077	ppbv #	76
36) Benzene	6.93	78	158146	0.546	ppbv	98
37) 1,2-Dichloroethane	6.34	62	19727	0.143	ppbv #	92
38) Trichloroethene	7.87	130	5446m	0.032	ppbv	
41) Tetrahydrofuran	6.09	42	16277	0.231	ppbv #	91
44) 2,2,4-Trimethylpentane	7.90	57	229007	0.600	ppbv #	84
50) 4-Methyl-2-Pentanone	8.79	43	47160	0.245	ppbv	99
52) Tetrachloroethene	11.26	164	23642	0.140	ppbv	88
53) Toluene	9.84	91	2710932	7.437	ppbv	99
58) Ethyl Benzene	12.75	91	259954	0.564	ppbv	93
59) m/p-Xylene	13.01	91	887775	2.305	ppbv	97
60) o-Xylene	13.73	91	303014	0.781	ppbv	99
69) p-Isopropyltoluene	17.70	119	219948	0.325	ppbv	94
72) 4-Ethyltoluene	15.88	105	80489	0.163	ppbv #	87
73) 1,3,5-Trimethylbenzene	16.04	105	95474	0.209	ppbv	90
74) 1,2,4-Trimethylbenzene	16.81	105	286096	0.571	ppbv #	72
76) 1,4-Dichlorobenzene	17.18	146	135331	0.370	ppbv	96
79) Naphthalene	22.27	128	293541	0.528	ppbv	95
80) Naphthalene,2-methyl-	25.01	142	7501	0.040	ppbv #	87

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

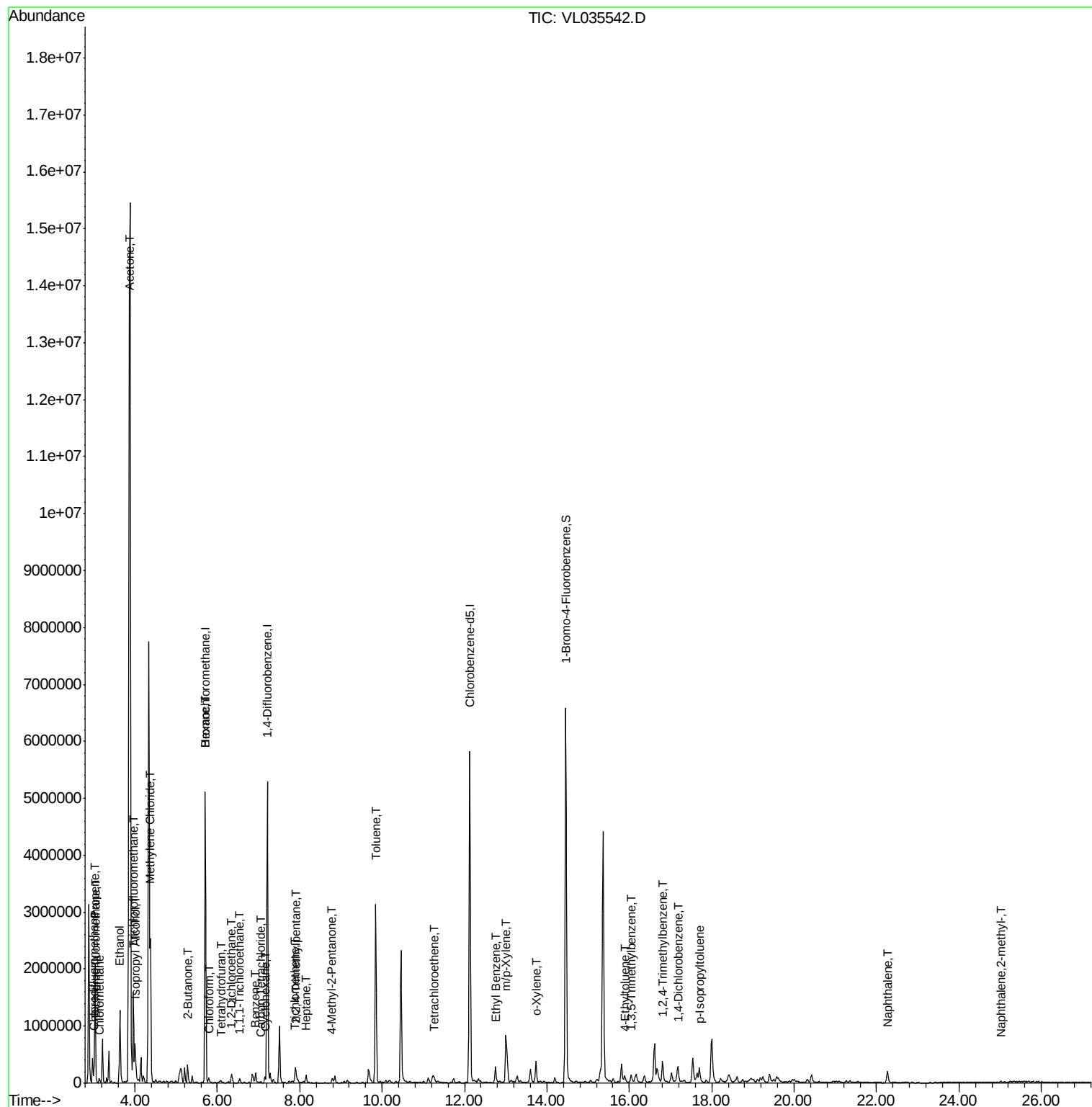
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090320\
Data File : VL035542.D
Acq On : 3 Sep 2020 22:32
Operator : SY/AP
Sample : L3898-05
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

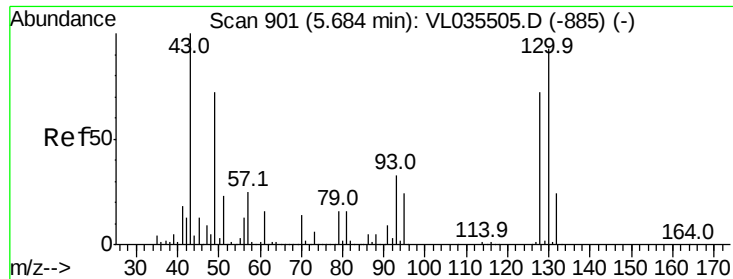
Instrument :
MSVOA_L
ClientSampleId :
IA-5

Manual Integrations
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9/8/2020 5:12:56 PM

Quant Time: Sep 05 15:13:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 908

Delta R.T. 0.02 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

Instrument :

MSVOA_L

ClientSampled :

IA-5

Tot Ion: 49 Resp: 1040636

Ion Ratio Lower Upper

49 100

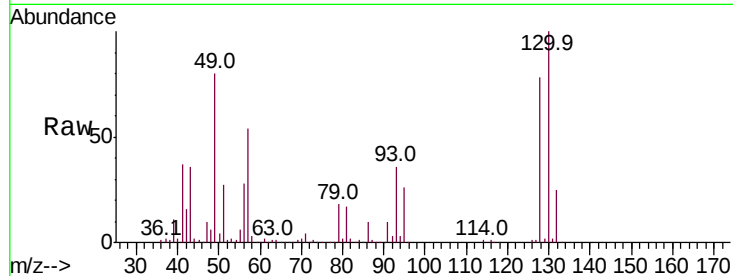
128 96.7 50.0 150.1

130 123.9 64.4 193.2

Manual Integrations
APPROVED

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9/8/2020 5:12:56 PM



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

800000

600000

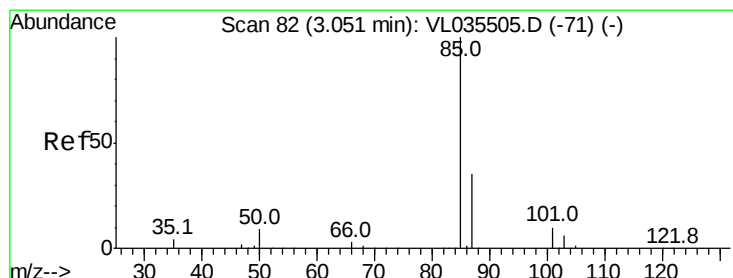
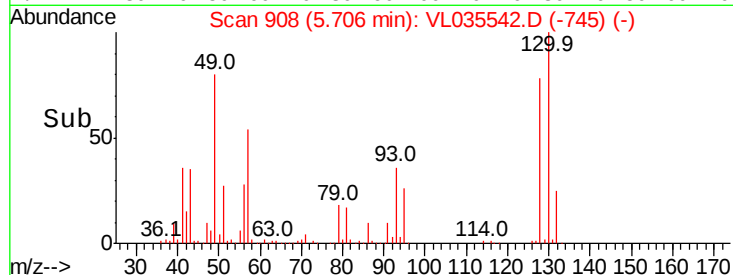
400000

200000

0

5.65 5.70 5.75

Time-->



#2

Dichlorodifluoromethane

Concen: 0.350 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL035542.D

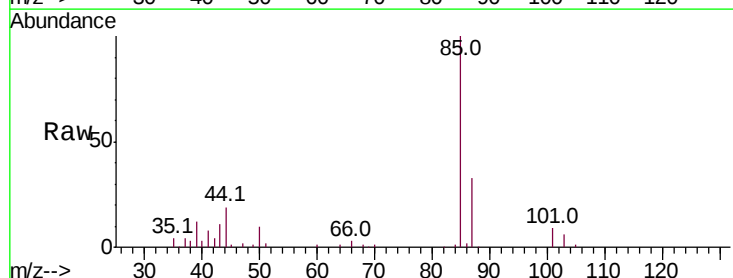
Acq: 3 Sep 2020 22:32

Tgt Ion: 85 Resp: 63137

Ion Ratio Lower Upper

85 100

87 33.3 28.0 42.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

60000

50000

40000

30000

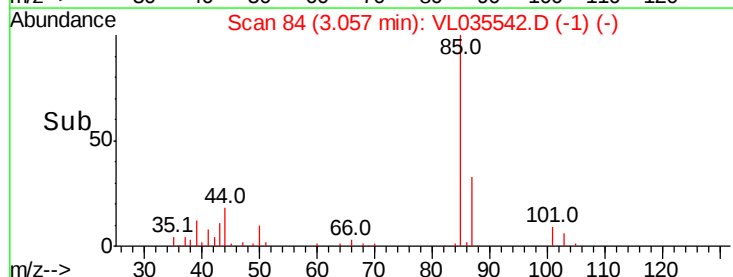
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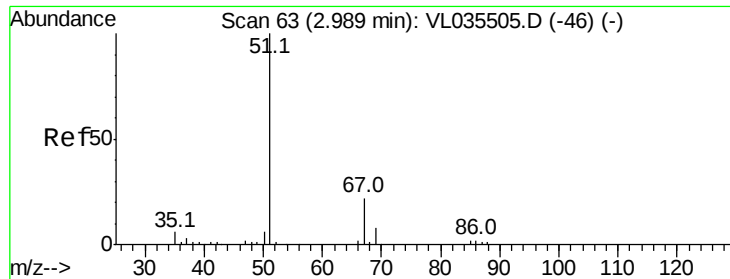
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0

3.00 3.05 3.10

Time-->





#3

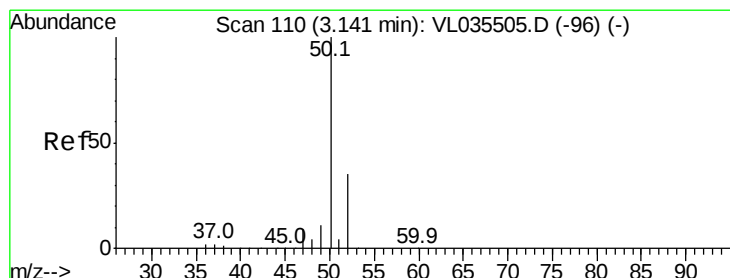
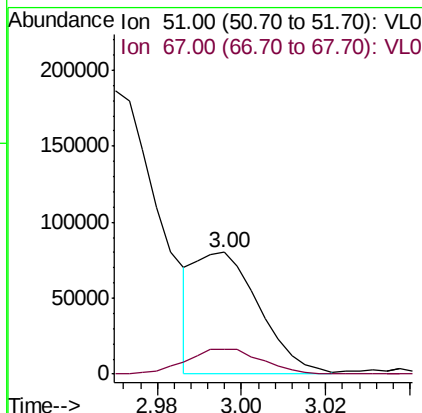
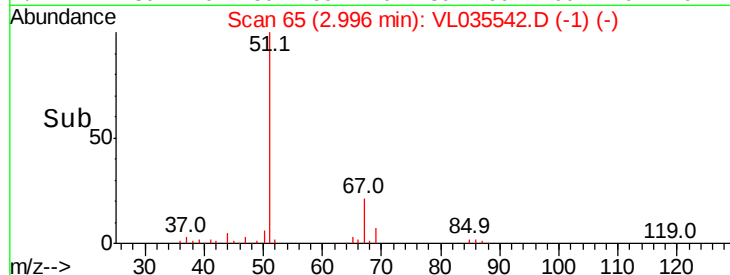
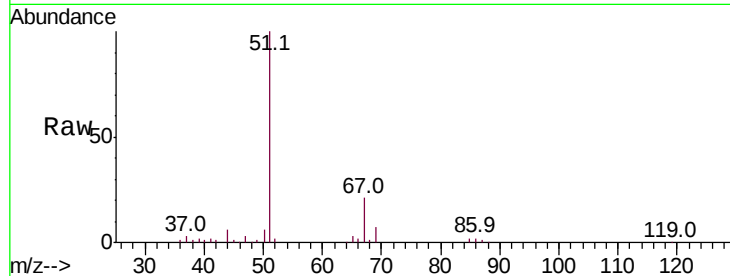
Chlorodifluoromethane
 Concen: 0.741 ppbv
 RT: 3.00 min Scan# 65
 Delta R.T. 0.01 min
 Lab File: VL035542.D
 Acq: 3 Sep 2020 22:32

Instrument :
 MSVOA_L
 ClientSampled :
 IA-5

Tot Ion	Ratio	Lower	Upper
51	100		
67	24.9	17.8	26.8

Manual Integrations
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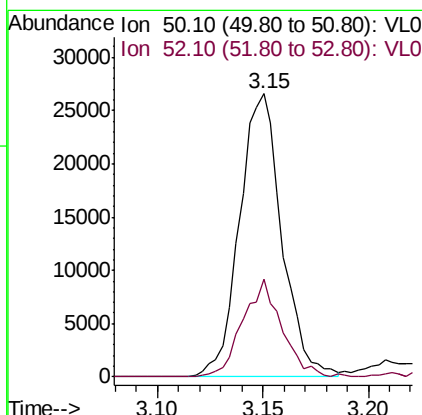
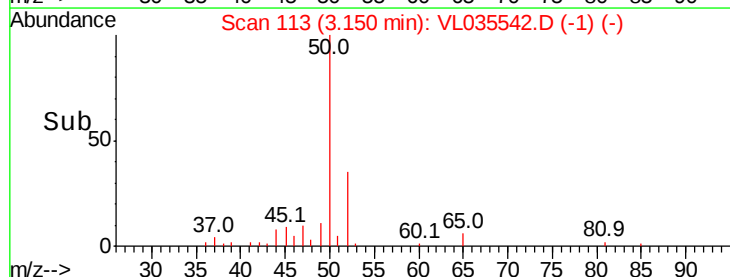
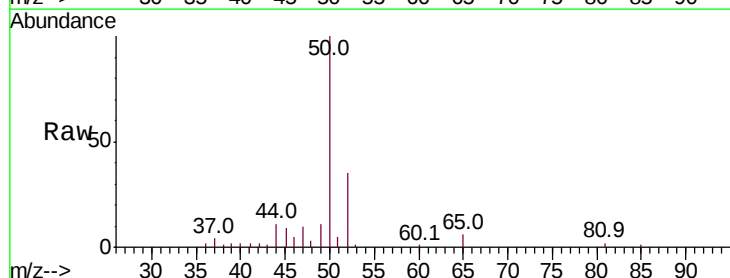
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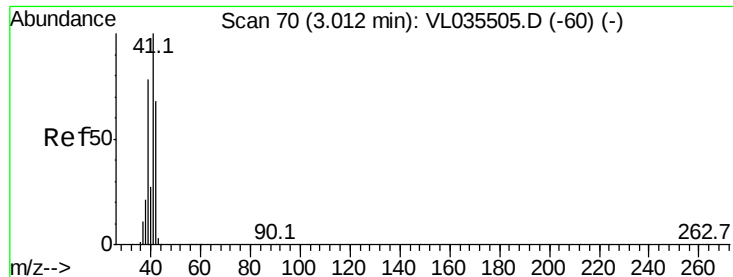


#4

Chloromethane
 Concen: 0.601 ppbv
 RT: 3.15 min Scan# 113
 Delta R.T. 0.01 min
 Lab File: VL035542.D
 Acq: 3 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
50	100		
52	34.7	27.7	41.5





#9

Propene

Concen: 10.024 ppbv

RT: 3.03 min Scan# 76

Delta R.T. 0.02 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

Instrument :

MSVOA_L

ClientSampled :

IA-5

Tot Ion: 41 Resp: 444785

Ion Ratio Lower Upper

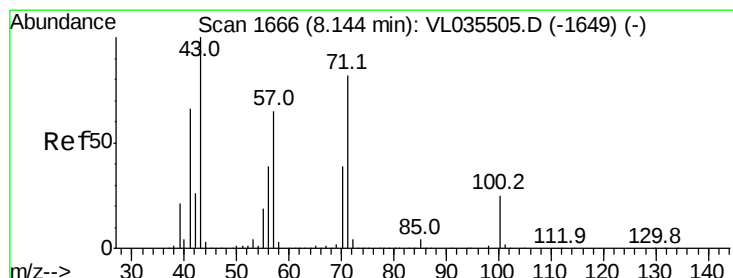
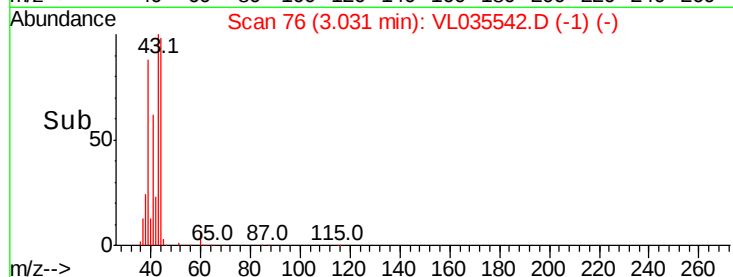
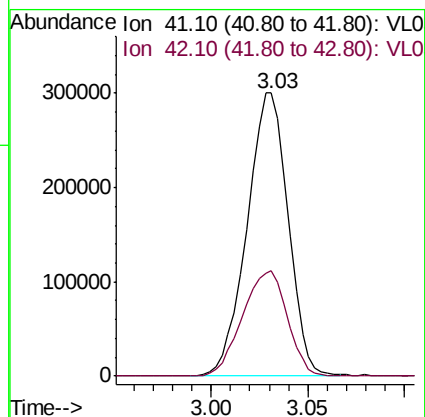
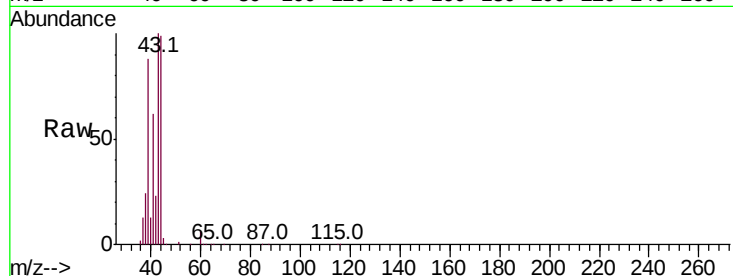
41 100

42 40.8 56.3 84.5#

Manual Integrations
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#10

Heptane

Concen: 0.396 ppbv

RT: 8.16 min Scan# 1670

Delta R.T. 0.01 min

Lab File: VL035542.D

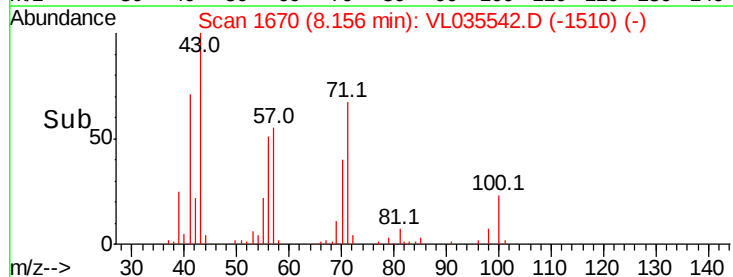
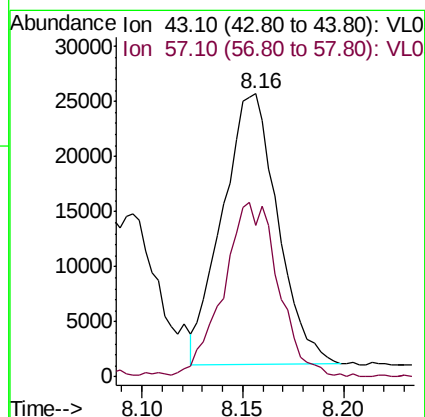
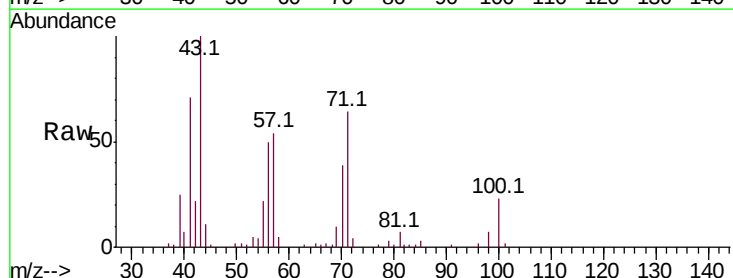
Acq: 3 Sep 2020 22:32

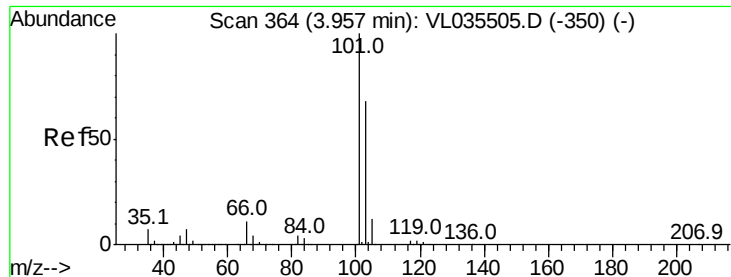
Tgt Ion: 43 Resp: 47153

Ion Ratio Lower Upper

43 100

57 64.9 51.4 77.0





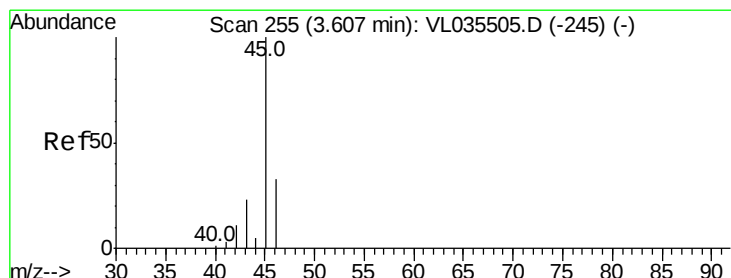
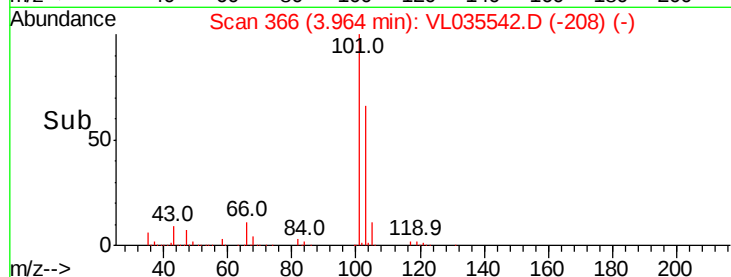
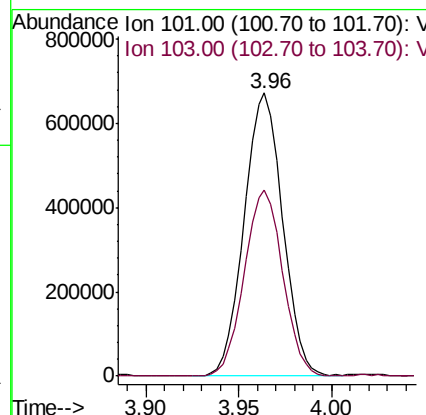
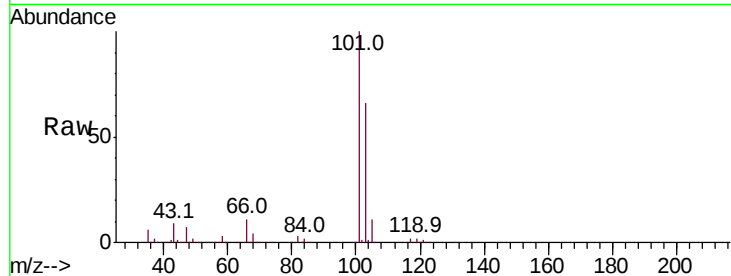
#11
 Trichlorofluoromethane
 Concen: 3.688 ppbv
 RT: 3.96 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VL035542.D
 Acq: 3 Sep 2020 22:32

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-5

Tot Ion	Ratio	Resp	Lower	Upper
101	100	969875		
103	65.5		54.5	81.7

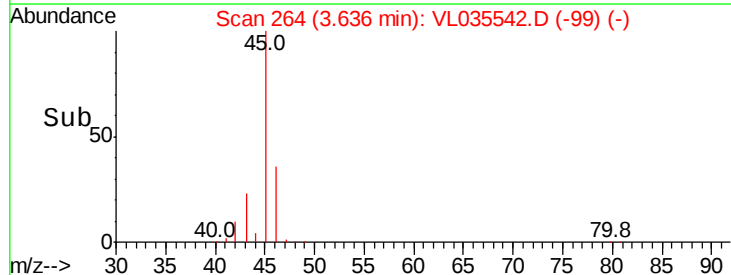
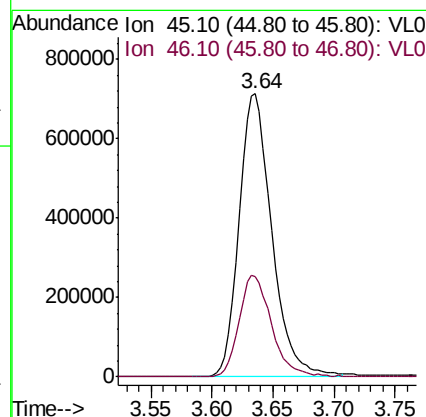
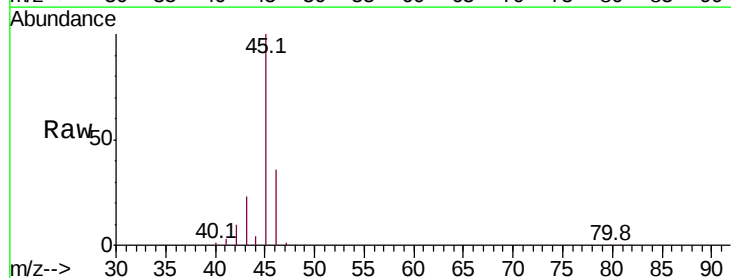
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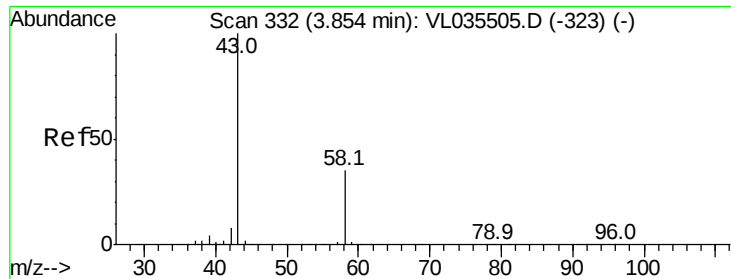
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#13
 Ethanol
 Concen: 120.676 ppbv
 RT: 3.64 min Scan# 264
 Delta R.T. 0.03 min
 Lab File: VL035542.D
 Acq: 3 Sep 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	1327580		
46	35.9		15.2	60.6





#15

Acetone

Concen: 155.582 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.02 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

Instrument :

MSVOA_L

ClientSampled :

IA-5

Tot Ion: 43 Resp:17856539

Ion Ratio Lower Upper

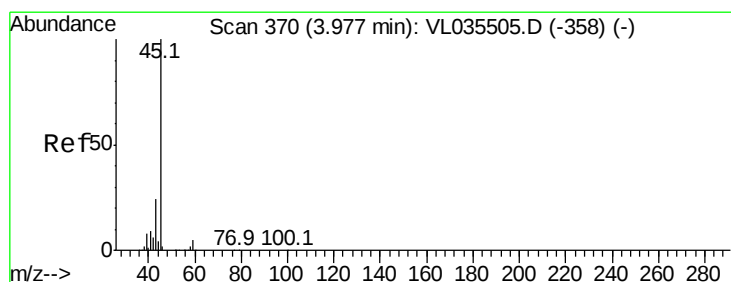
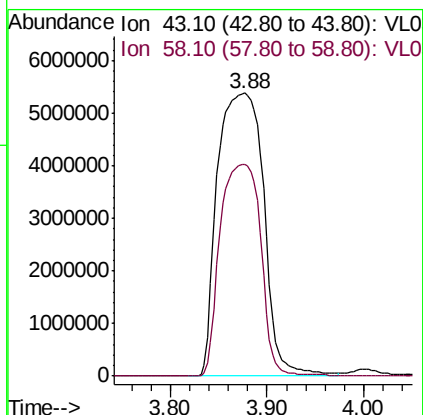
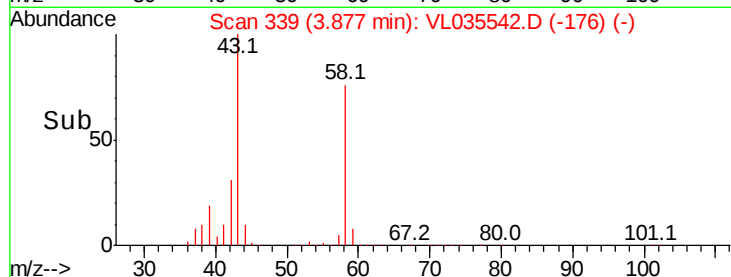
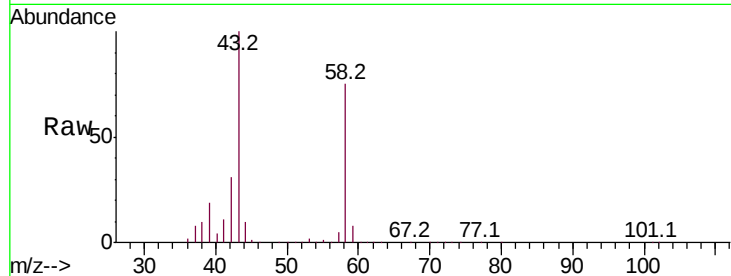
43 100

58 65.7 28.4 42.6#

Manual Integrations
APPROVED

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#19

Isopropyl Alcohol

Concen: 9.646 ppbv

RT: 4.00 min Scan# 378

Delta R.T. 0.03 min

Lab File: VL035542.D

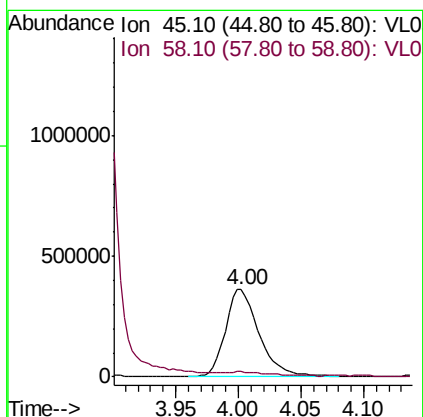
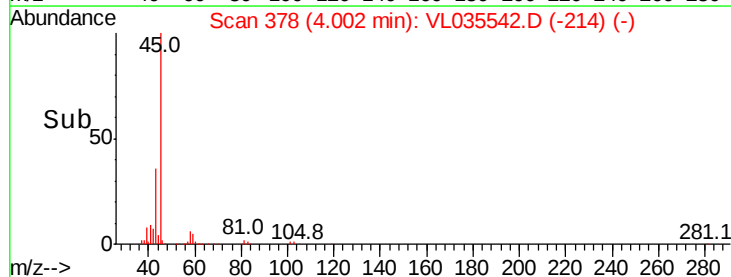
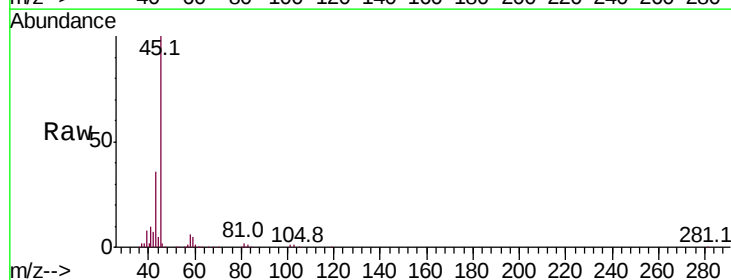
Acq: 3 Sep 2020 22:32

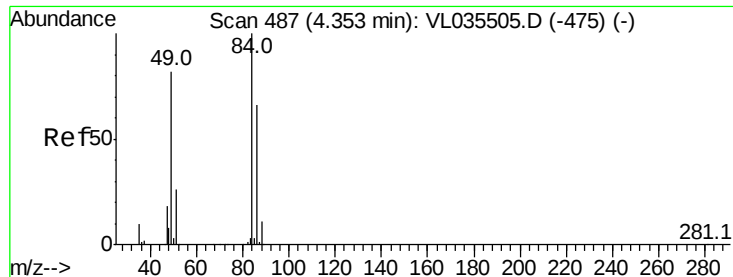
Tgt Ion: 45 Resp: 660431

Ion Ratio Lower Upper

45 100

58 0.0 2.0 3.0#





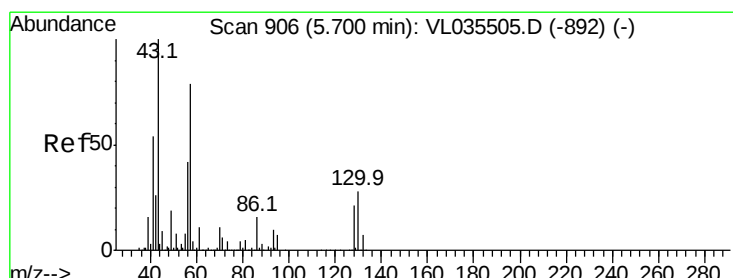
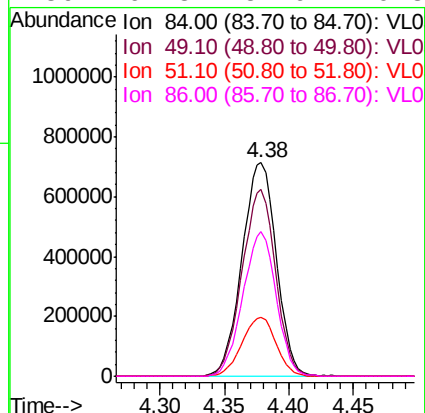
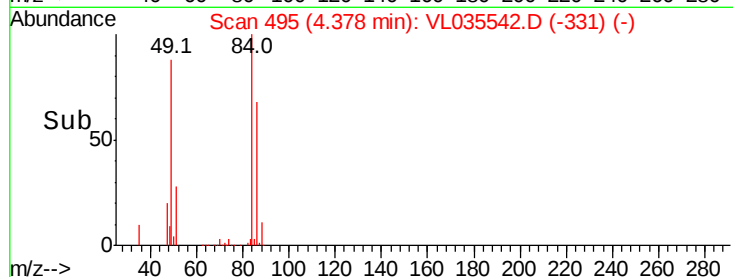
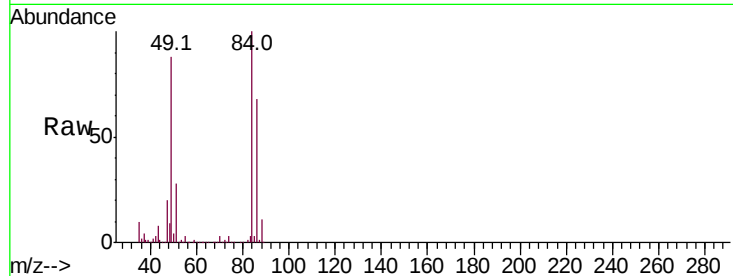
#20
Methvlene Chloride
Concen: 15.487 ppbv
RT: 4.38 min Scan# 495
Delta R.T. 0.03 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Instrument :
MSVOA_L
ClientSampled :
IA-5

Tot Ion	84	Resp	1323886
Ion	Ratio	Lower	Upper
84	100		
49	87.5	65.4	98.0
51	27.8	21.5	32.3
86	67.8	52.9	79.3

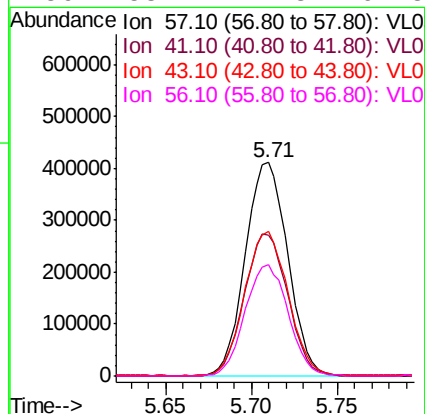
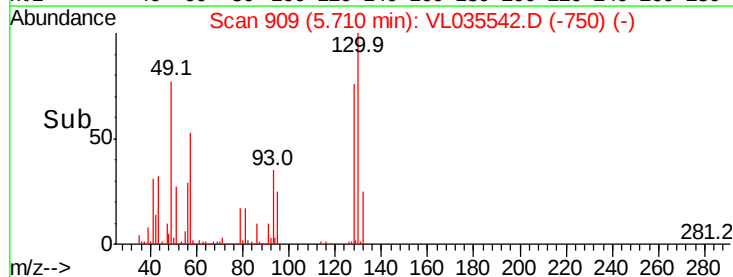
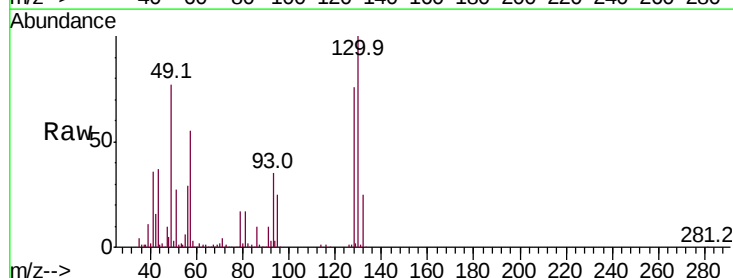
Manual Integrations
APPROVED

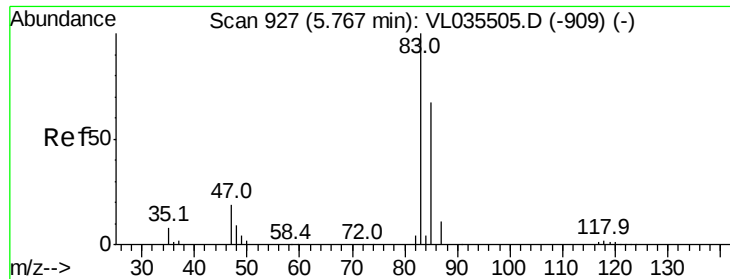
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#26
Hexane
Concen: 6.129 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.01 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Tgt Ion	57	Resp	704088
Ion	Ratio	Lower	Upper
57	100		
41	68.4	55.9	83.9
43	69.3	141.8	212.8#
56	53.1	41.8	62.8





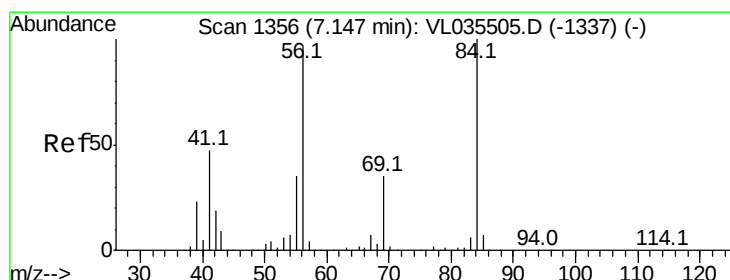
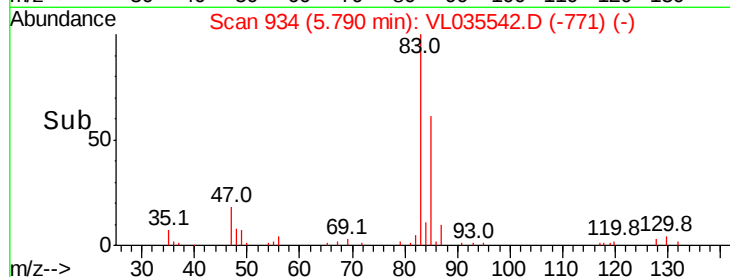
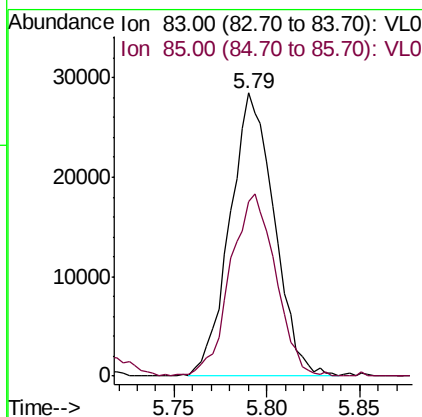
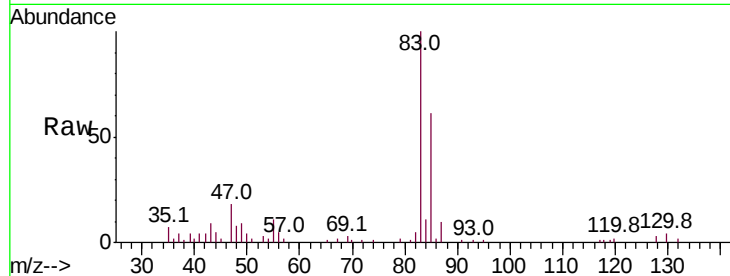
#29
Chloroform
Concen: 0.202 ppbv
RT: 5.79 min Scan# 934
Delta R.T. 0.02 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Instrument :
MSVOA_L
ClientSampleId :
IA-5

Tot Ion	83	85	Ratio	Lower	Upper	Resp
83	100					47239
85	61.5			53.9	80.9	

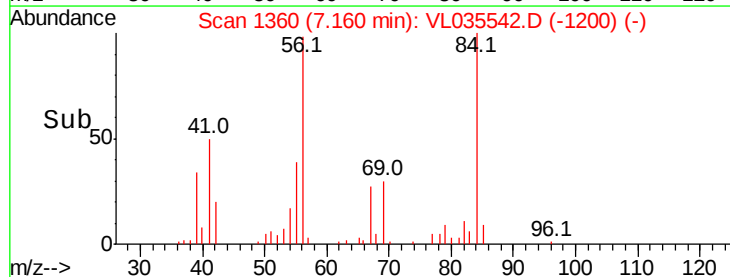
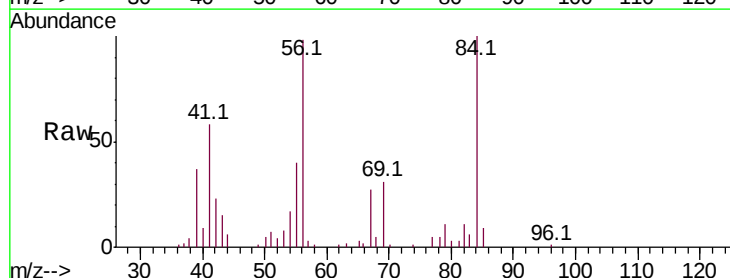
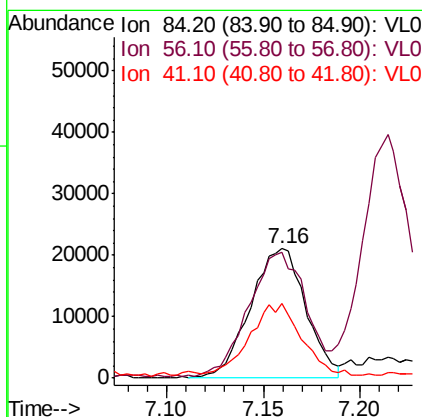
Manual Integrations
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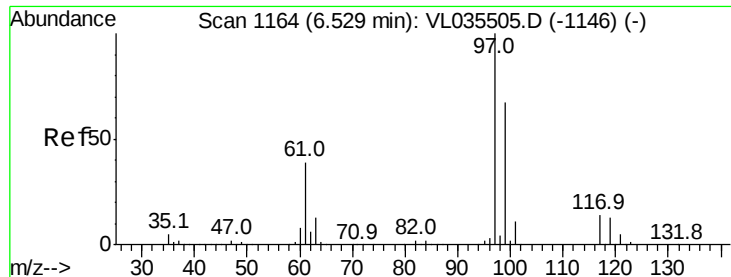
MMDadoda
9/8/2020 5:12:56 PM



#30
Cyclohexane
Concen: 0.342 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Tgt Ion	84	56	41	Ratio	Lower	Upper	Resp
84	100						42053
56	100.9				80.1	120.1	
41	54.8				38.1	57.1	





#32

1,1,1-Trichloroethane

Concen: 0.176 ppbv

RT: 6.55 min Scan# 1170

Delta R.T. 0.02 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

Instrument :

MSVOA_L

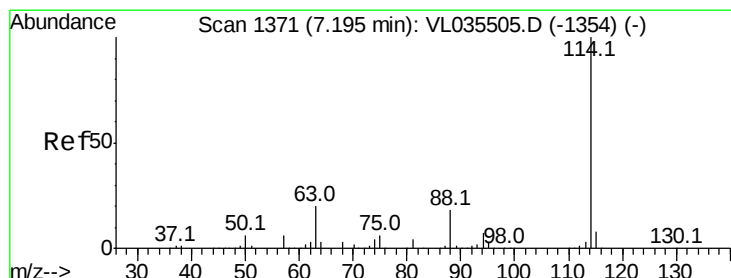
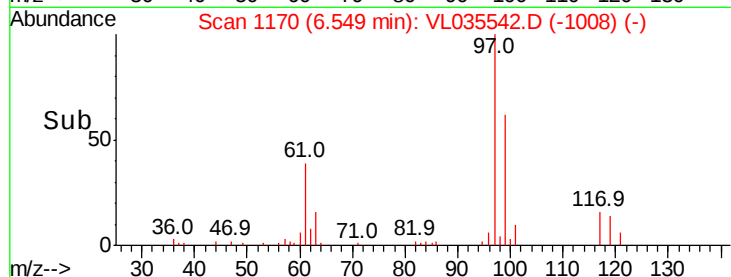
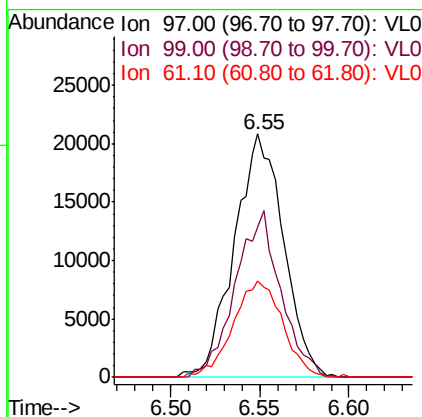
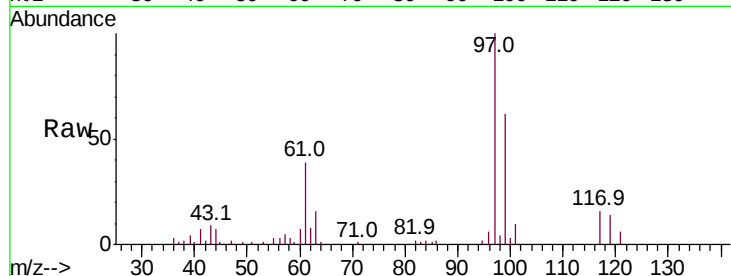
ClientSampled :

IA-5

Tot Ion:	97	Resp:	39880
Ion	Ratio	Lower	Upper
97	100		
99	63.3	53.3	79.9
61	40.1	30.6	46.0

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

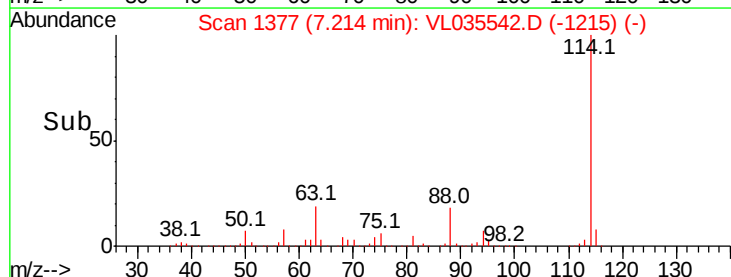
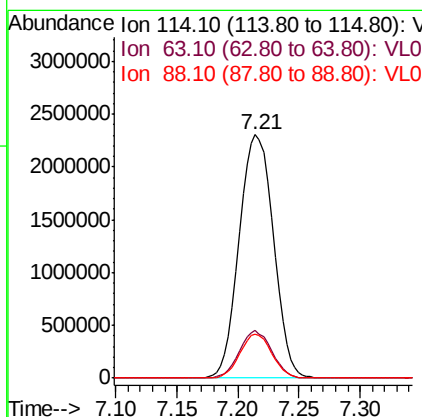
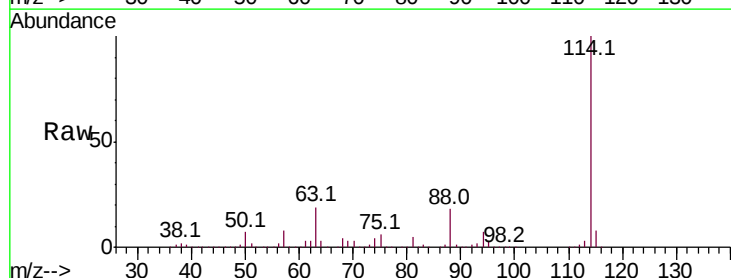
RT: 7.21 min Scan# 1377

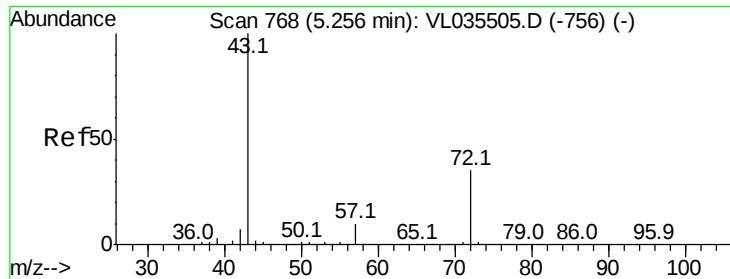
Delta R.T. 0.02 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

Tgt Ion:	114	Resp:	4478263
Ion	Ratio	Lower	Upper
114	100		
63	18.4	14.7	22.1
88	16.8	13.4	20.2





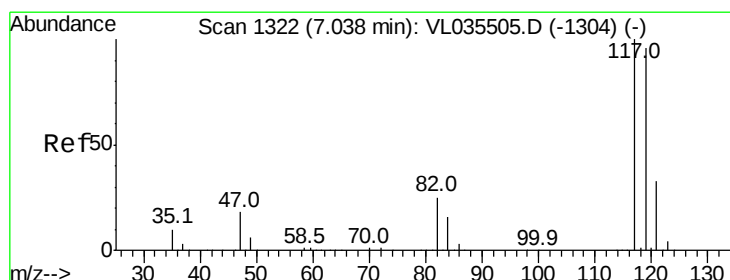
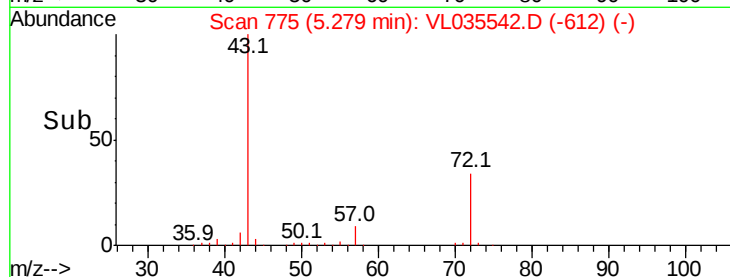
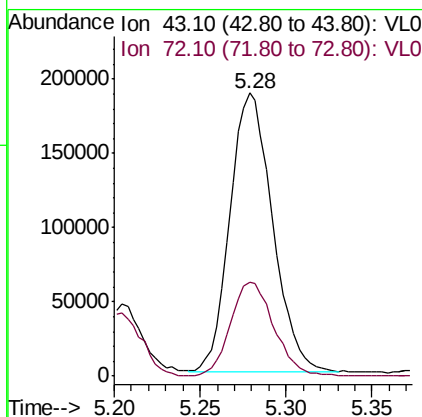
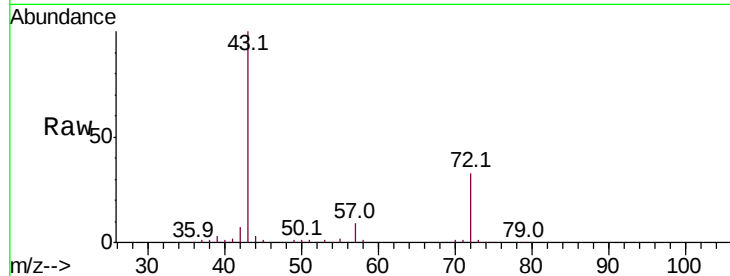
#34
2-Butanone
Concen: 2.443 ppbv
RT: 5.28 min Scan# 775
Delta R.T. 0.02 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Instrument :
MSVOA_L
ClientSampleId :
IA-5

Tot Ion: 43 Resp: 324732
Ion Ratio Lower Upper
43 100
72 34.2 27.7 41.5

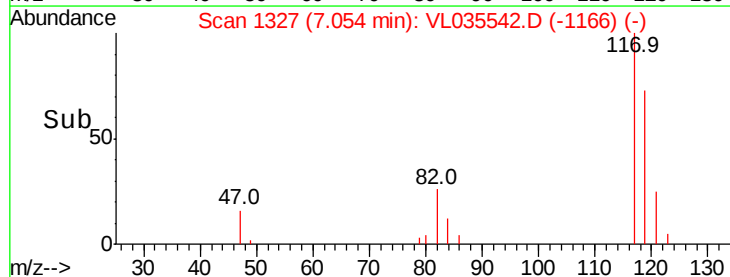
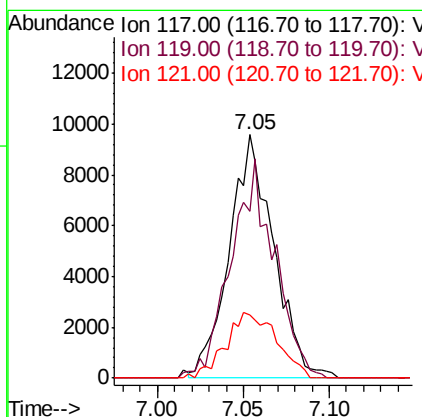
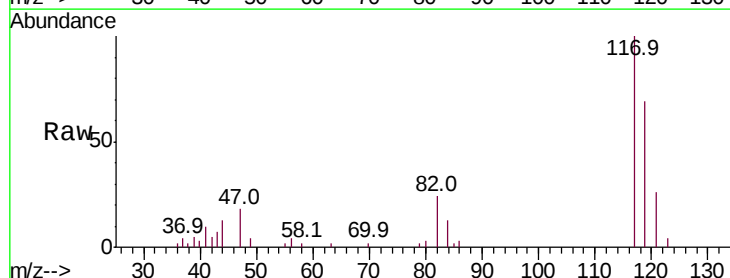
Manual Integrations
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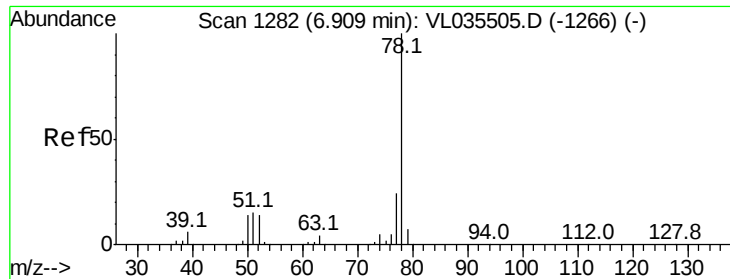
MMDadoda
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#35
Carbon Tetrachloride
Concen: 0.077 ppbv
RT: 7.05 min Scan# 1327
Delta R.T. 0.02 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Tgt Ion: 117 Resp: 17238
Ion Ratio Lower Upper
117 100
119 68.6 77.2 115.8#
121 26.1 26.1 39.1#





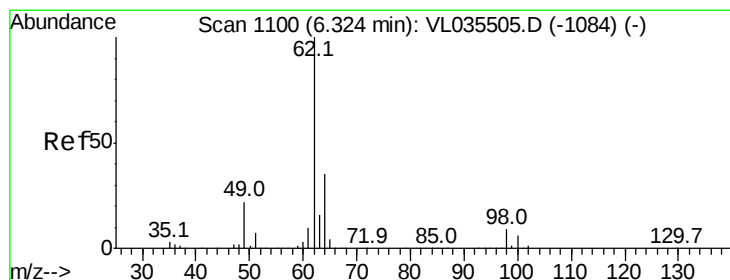
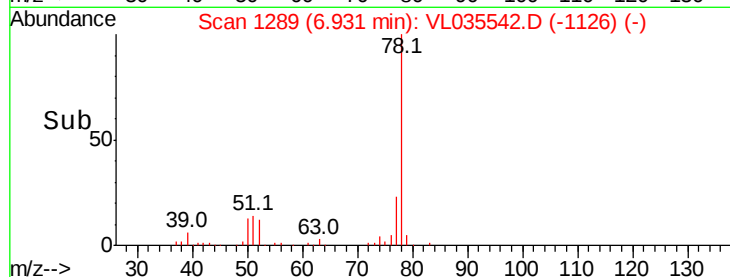
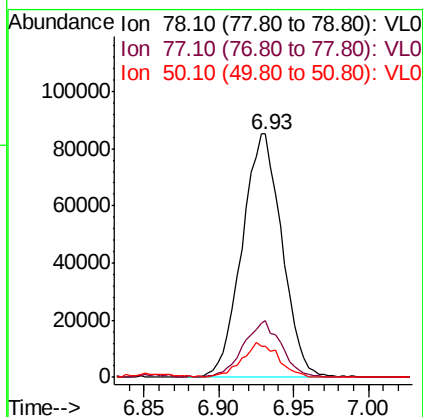
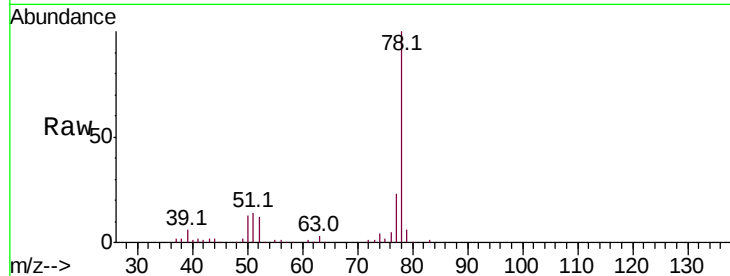
#36
Benzene
Concen: 0.546 ppbv
RT: 6.93 min Scan# 1289
Delta R.T. 0.02 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Instrument :
MSVOA_L
ClientSampled :
IA-5

Tot Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9
50	12.7	11.0	16.6

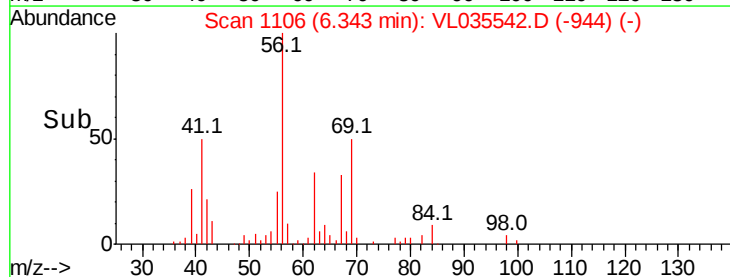
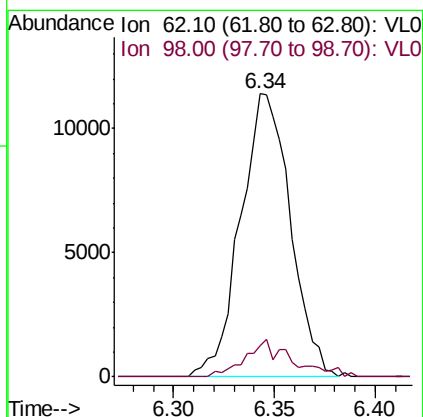
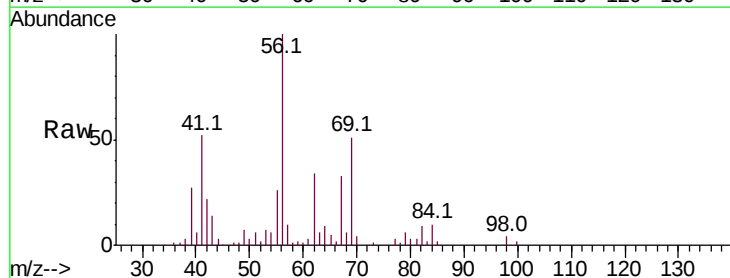
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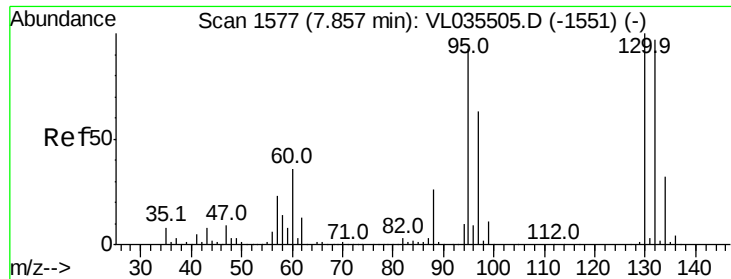
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#37
1,2-Dichloroethane
Concen: 0.143 ppbv
RT: 6.34 min Scan# 1106
Delta R.T. 0.02 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.3	7.4	11.0#





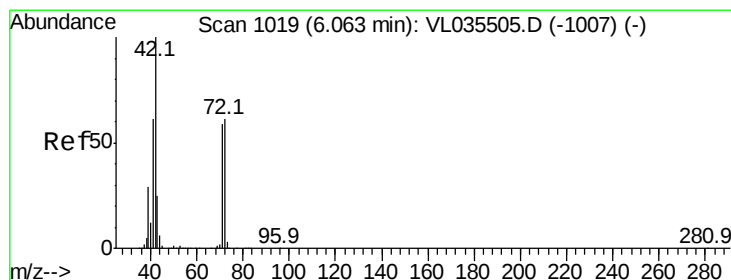
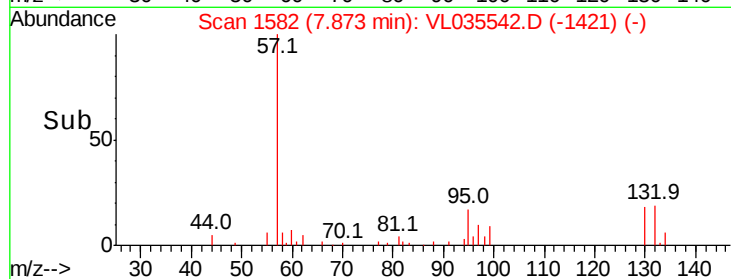
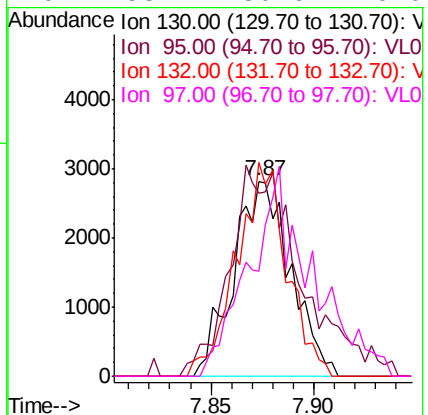
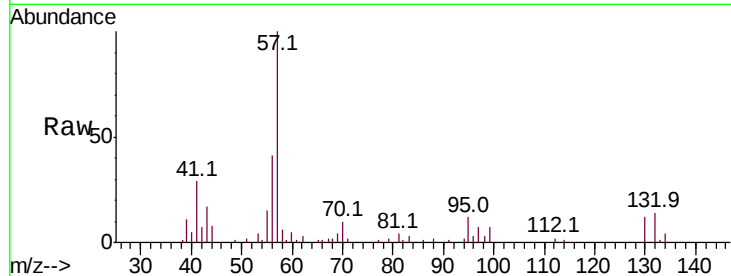
#38
 Trichloroethene
 Concen: 0.032 ppbv m
 RT: 7.87 min Scan# 1582
 Delta R.T. 0.02 min
 Lab File: VL035542.D
 Acq: 3 Sep 2020 22:32

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-5

Tot Ion:	130	Resp:	5446
Ion Ratio	Lower	Upper	
130	100		
95	93.8	74.6	112.0
132	109.5	77.6	116.4
97	53.7	50.6	76.0

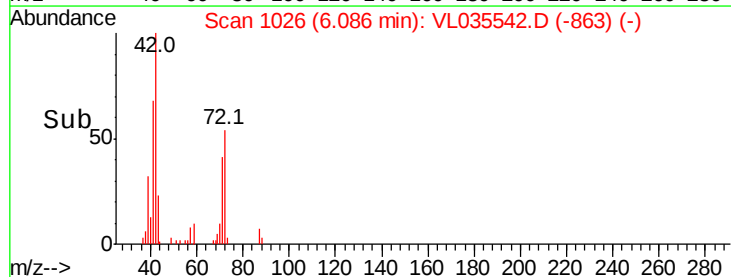
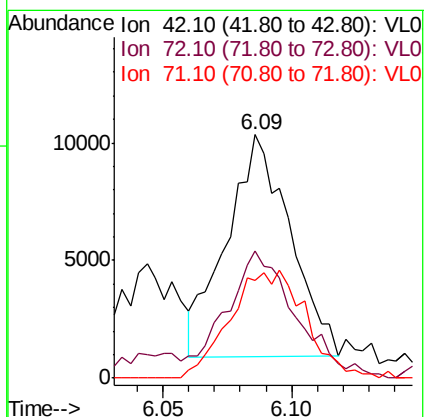
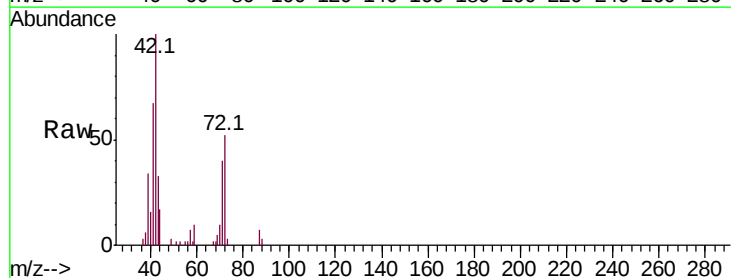
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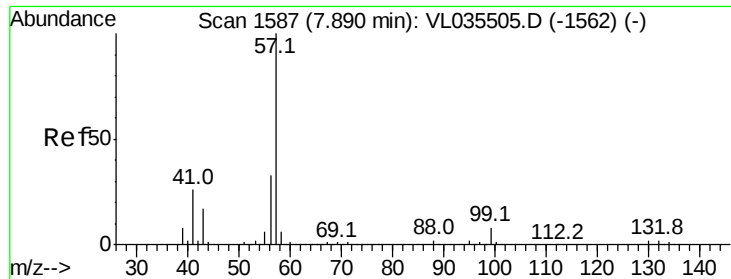
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#41
 Tetrahydrofuran
 Concen: 0.231 ppbv
 RT: 6.09 min Scan# 1026
 Delta R.T. 0.02 min
 Lab File: VL035542.D
 Acq: 3 Sep 2020 22:32

Tgt Ion:	42	Resp:	16277
Ion Ratio	Lower	Upper	
42	100		
72	73.5	48.6	73.0#
71	57.5	46.1	69.1





#44

2,2,4-Trimethylpentane

Concen: 0.600 ppbv

RT: 7.90 min Scan# 1591

Delta R.T. 0.01 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

Instrument :

MSVOA_L

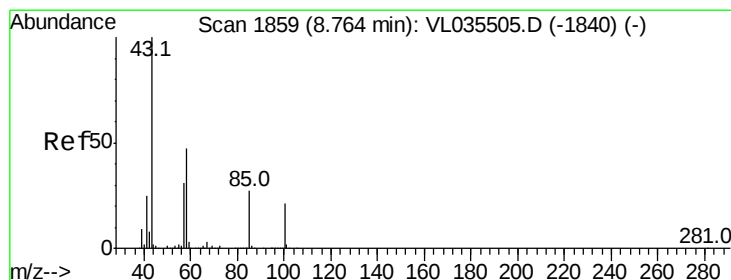
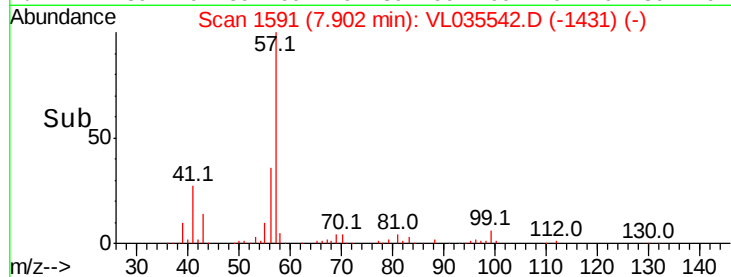
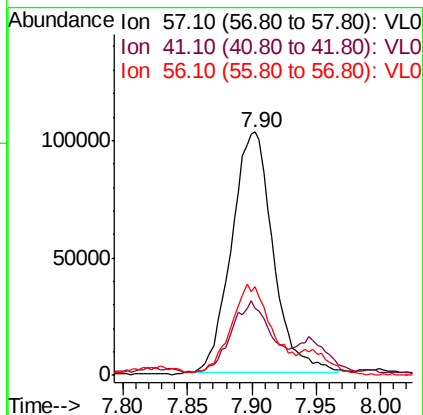
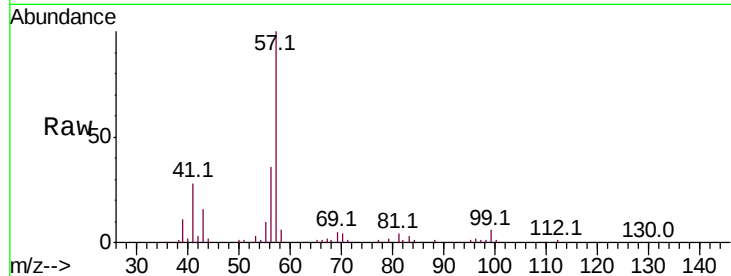
ClientSampled :

IA-5

Tot Ion:	57	Resp:	229007
Ion Ratio	Lower	Upper	
57	100		
41	29.7	20.5	30.7
56	44.4	25.3	37.9#

Manual Integrations
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#50

4-Methyl-2-Pentanone

Concen: 0.245 ppbv

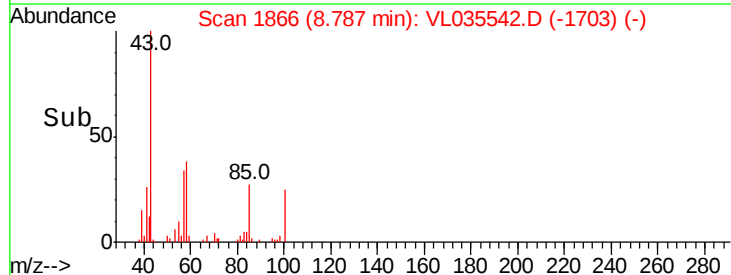
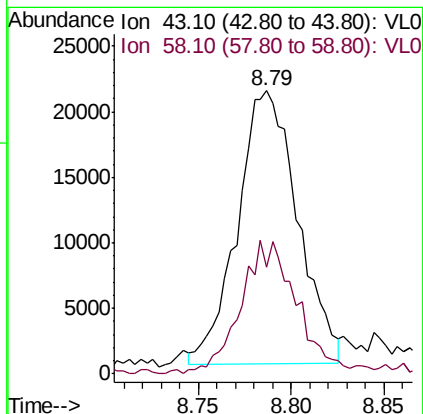
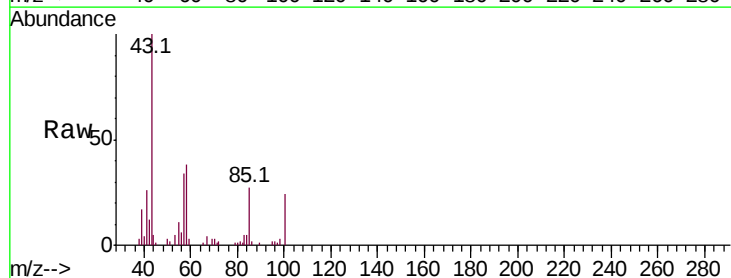
RT: 8.79 min Scan# 1866

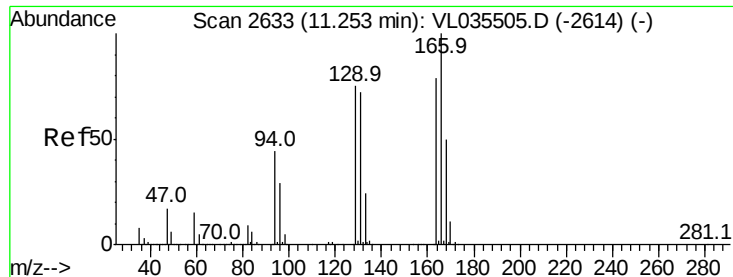
Delta R.T. 0.02 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

Tgt Ion:	43	Resp:	47160
Ion Ratio	Lower	Upper	
43	100		
58	47.0	37.4	56.0





#52

Tetrachloroethene

Concen: 0.140 ppbv

RT: 11.26 min Scan# 2636

Delta R.T. 0.01 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

Instrument :

MSVOA_L

ClientSampled :

IA-5

Tot Ion:164 Resp: 23642

Ion Ratio Lower Upper

164 100

166 108.3 100.9 151.3

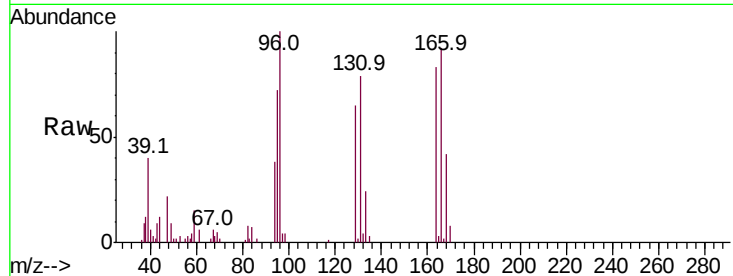
129 78.3 75.3 112.9

131 94.5 73.0 109.4

Manual Integrations
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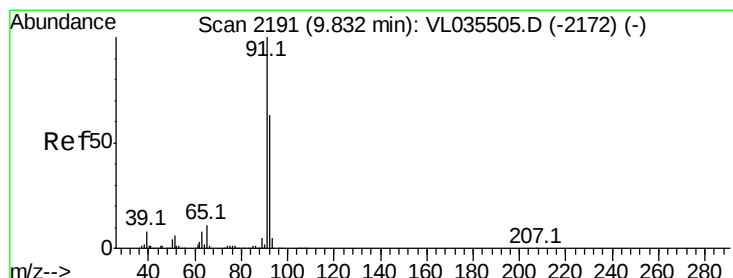
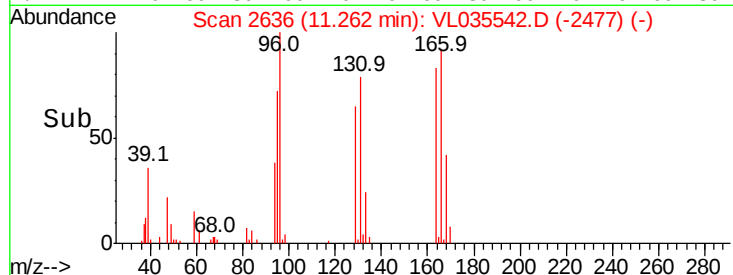
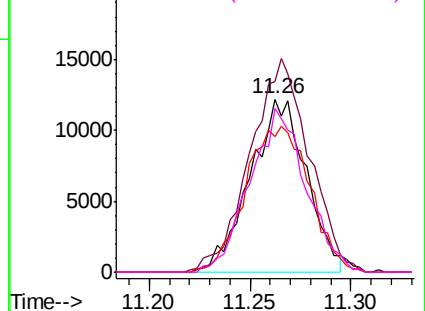


Abundance Ion 163.90 (163.60 to 164.60): V

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: 7.437 ppbv

RT: 9.84 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VL035542.D

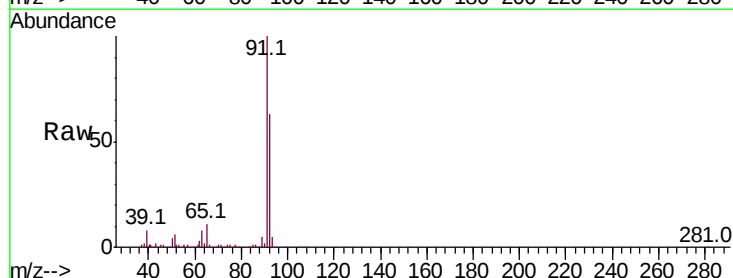
Acq: 3 Sep 2020 22:32

Tgt Ion: 91 Resp: 2710932

Ion Ratio Lower Upper

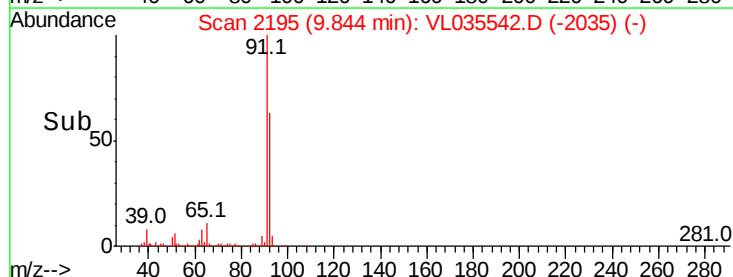
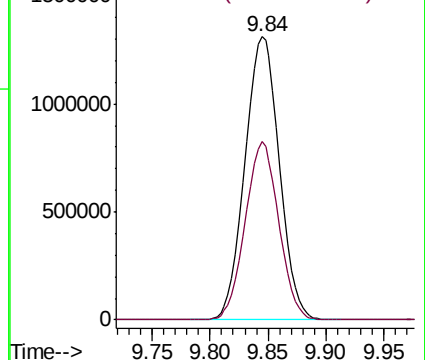
91 100

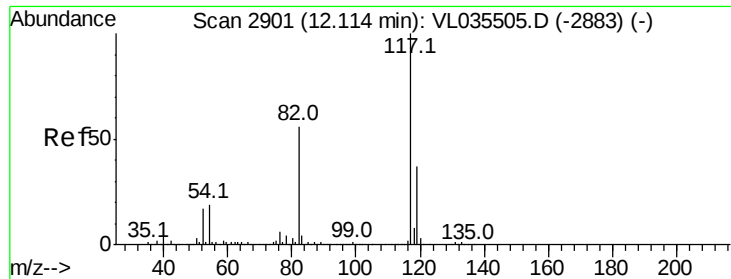
92 61.5 49.8 74.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





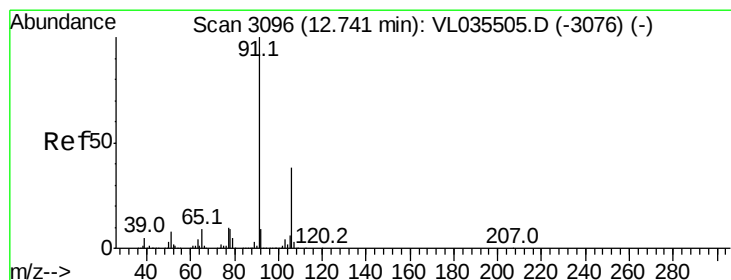
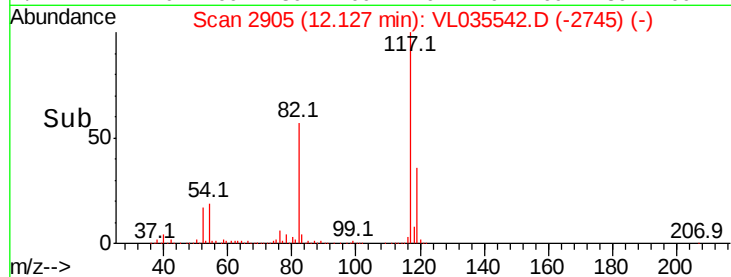
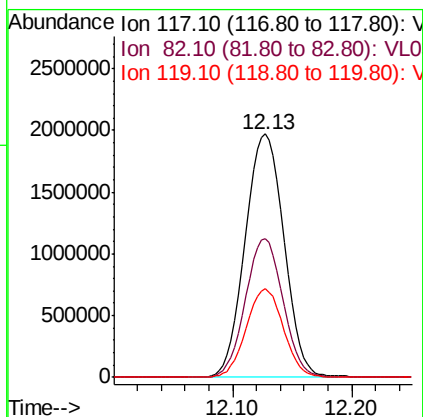
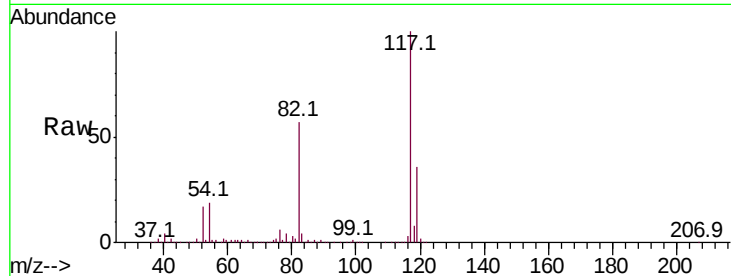
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Instrument :
MSVOA_L
ClientSampled :
IA-5

Tot Ion:117 Resp: 4469346
Ion Ratio Lower Upper
117 100
82 55.1 41.6 62.4
119 34.8 29.3 43.9

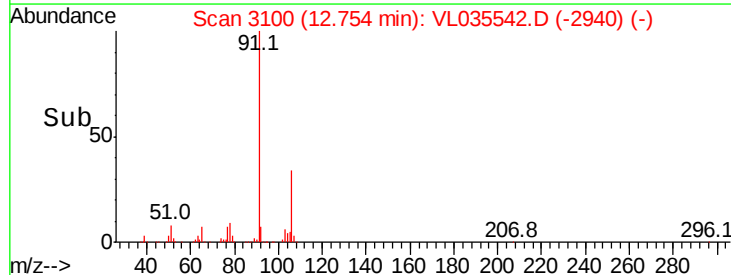
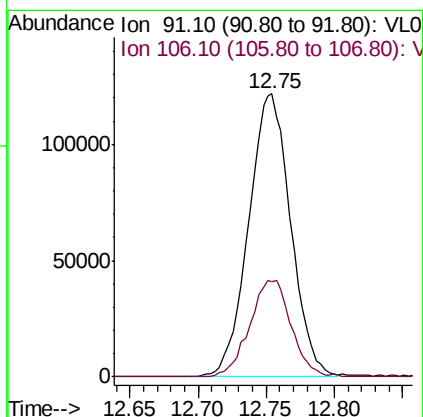
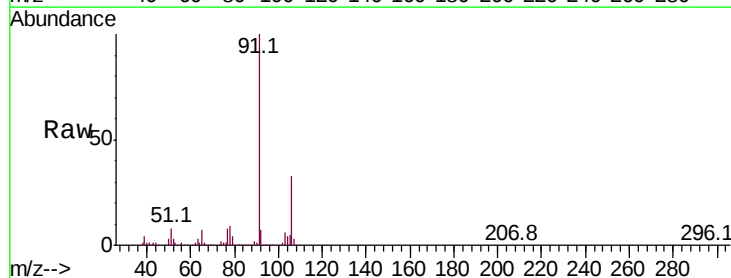
Manual Integrations
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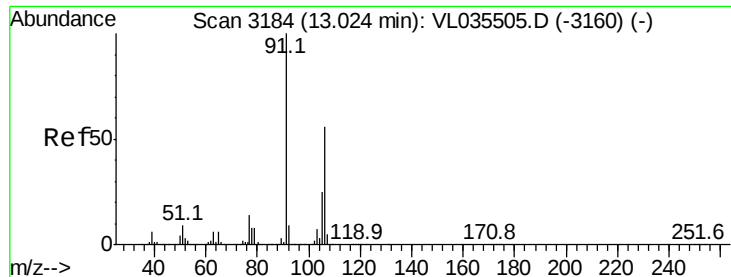
MMDadoda
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#58
Ethyl Benzene
Concen: 0.564 ppbv
RT: 12.75 min Scan# 3100
Delta R.T. 0.01 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Tgt Ion: 91 Resp: 259954
Ion Ratio Lower Upper
91 100
106 33.5 30.3 45.5





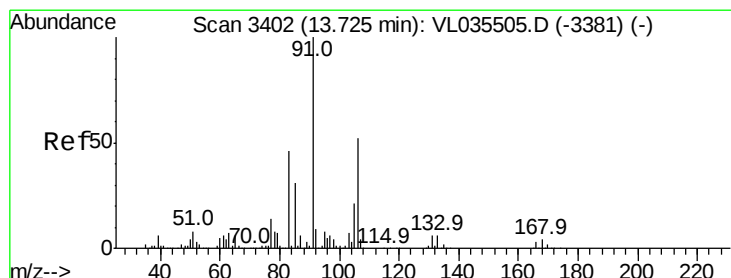
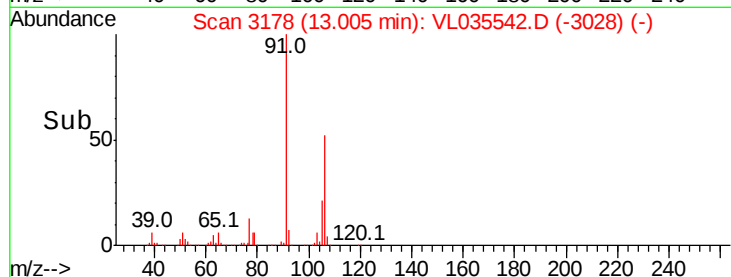
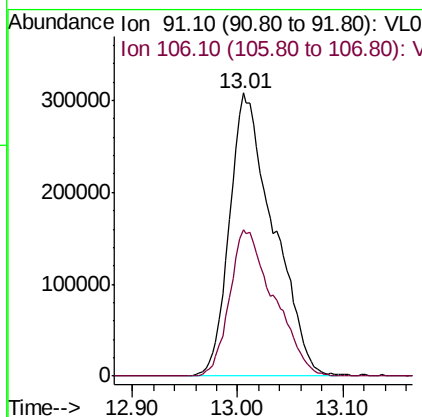
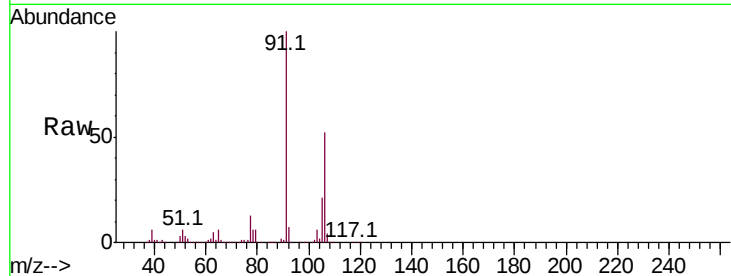
#59
m/p-Xylene
Concen: 2.305 ppbv
RT: 13.01 min Scan# 3178
Delta R.T. -0.02 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Instrument :
MSVOA_L
ClientSampled :
IA-5

Tot Ion: 91 Resp: 887775
Ion Ratio Lower Upper
91 100
106 52.3 43.4 65.2

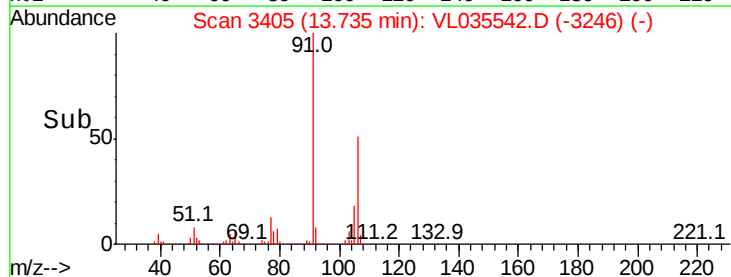
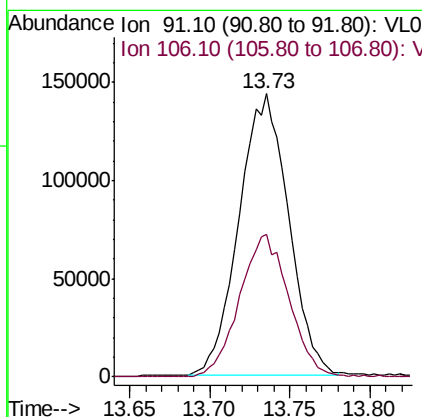
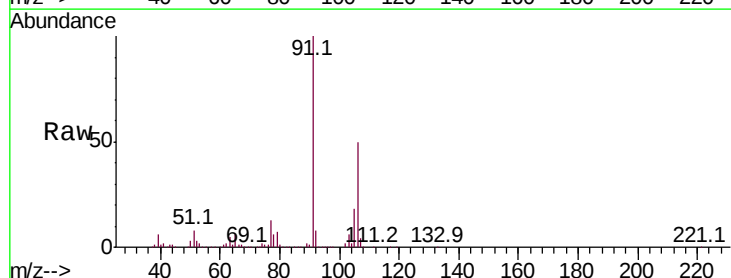
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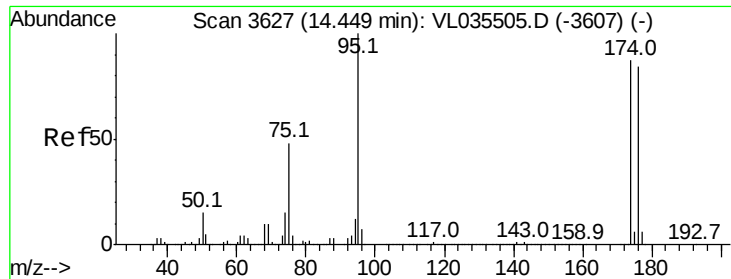
MMDadoda
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#60
o-Xylene
Concen: 0.781 ppbv
RT: 13.73 min Scan# 3405
Delta R.T. 0.01 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Tgt Ion: 91 Resp: 303014
Ion Ratio Lower Upper
91 100
106 50.7 25.8 77.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.477 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.01 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

Instrument :

MSVOA_L

ClientSampleId :

IA-5

Tot Ion: 95 Resp: 3325340

Ion Ratio Lower Upper

95 100

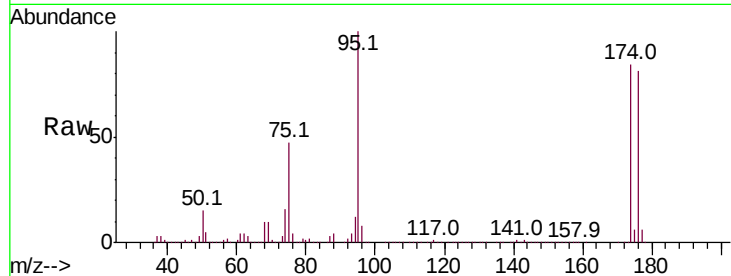
174 83.6 69.6 104.4

175 6.0 5.1 7.7

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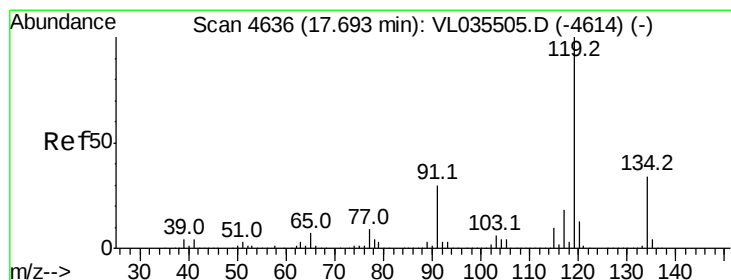
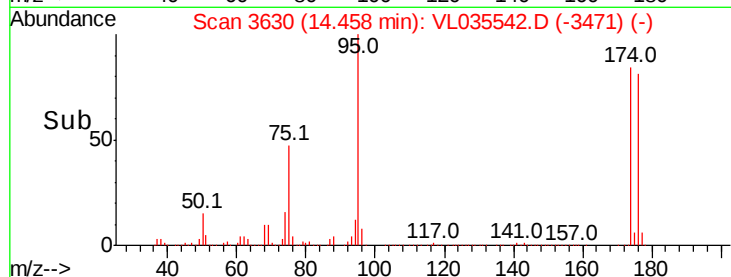
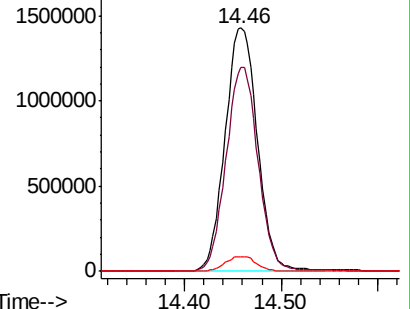
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Abundance Ion 95.10 (94.80 to 95.80): VL035505.D (-3607) (-)

Ion 174.00 (173.70 to 174.70): VL035505.D (-3607) (-)

Ion 175.00 (174.70 to 175.70): VL035505.D (-3607) (-)



#69

p-Isopropyltoluene

Concen: 0.325 ppbv

RT: 17.70 min Scan# 4639

Delta R.T. 0.01 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

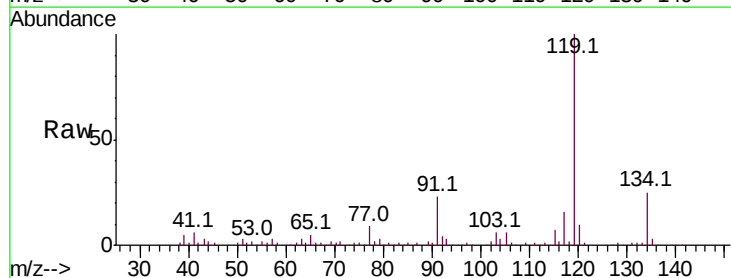
Tgt Ion: 119 Resp: 219948

Ion Ratio Lower Upper

119 100

134 27.0 25.0 37.4

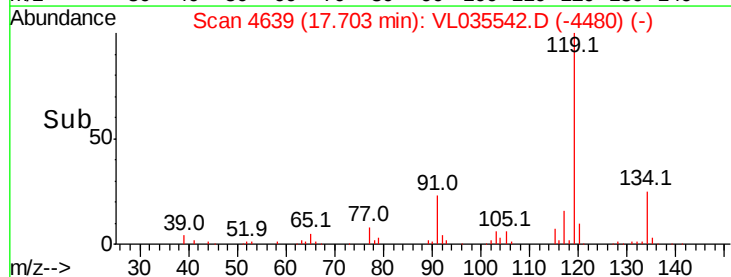
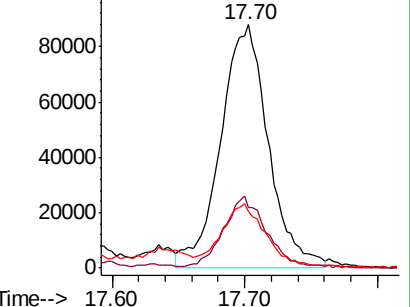
91 25.8 22.3 33.5

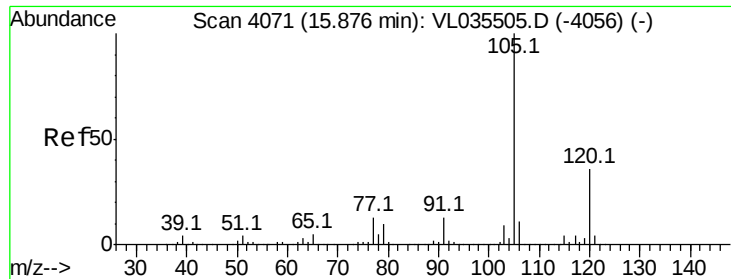


Abundance Ion 119.10 (118.80 to 119.80): VL035505.D (-4614) (-)

Ion 134.20 (133.90 to 134.90): VL035505.D (-4614) (-)

Ion 91.10 (90.80 to 91.80): VL035505.D (-4614) (-)





#72

4-Ethyltoluene

Concen: 0.163 ppbv

RT: 15.88 min Scan# 4073

Delta R.T. 0.01 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

Instrument :

MSVOA_L

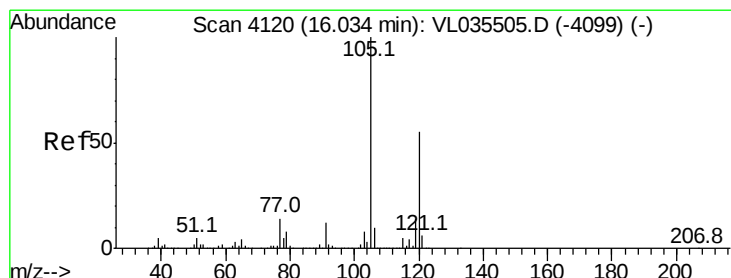
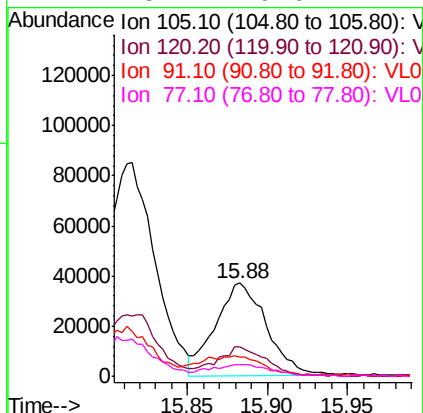
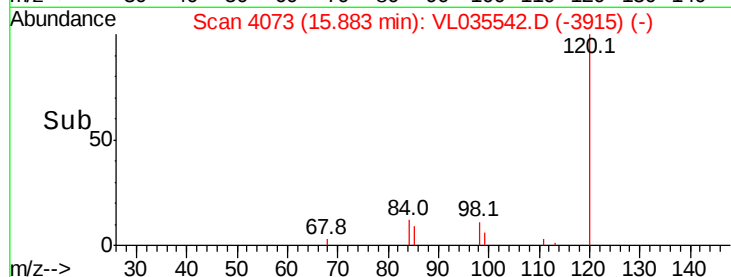
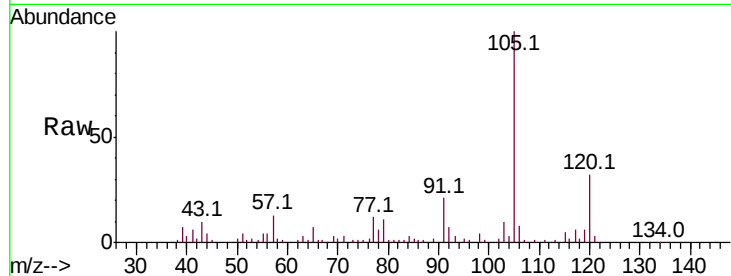
ClientSampled :

IA-5

Tot Ion	Ratio	Lower	Upper
105	100		
120	30.2	27.4	41.2
91	27.5	9.7	14.5
77	13.2	9.6	14.4

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#73

1,3,5-Trimethylbenzene

Concen: 0.209 ppbv

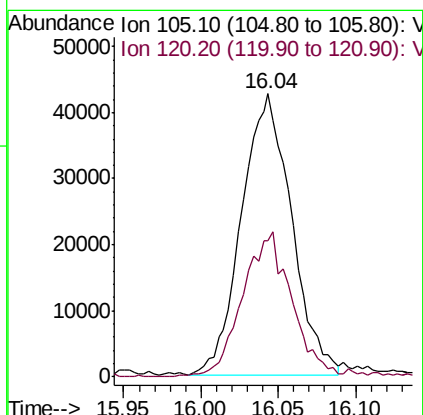
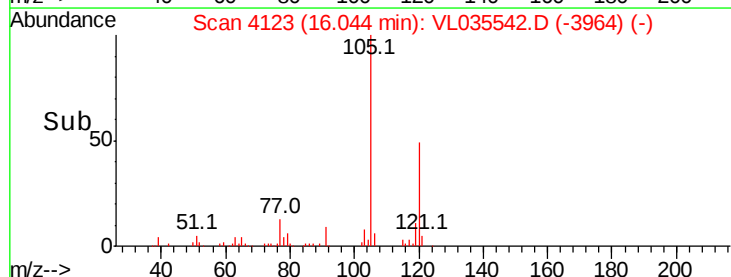
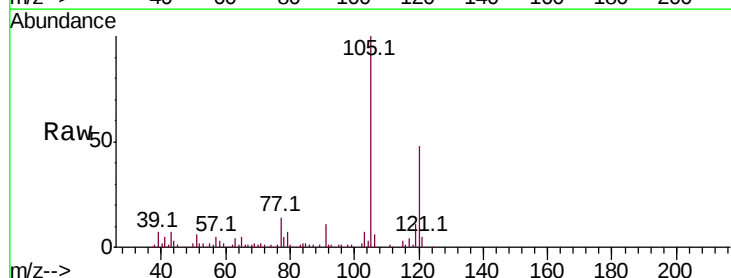
RT: 16.04 min Scan# 4123

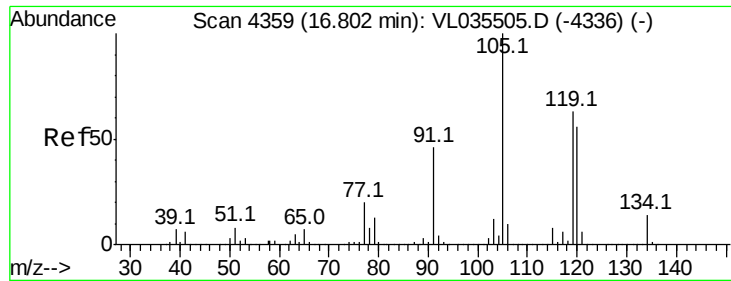
Delta R.T. 0.01 min

Lab File: VL035542.D

Acq: 3 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.2	44.2	66.2





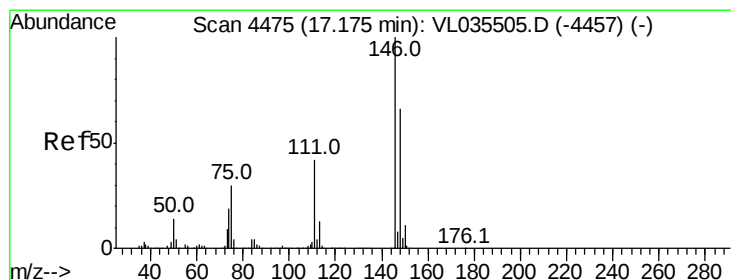
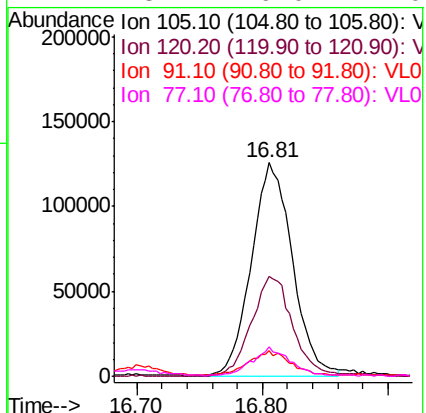
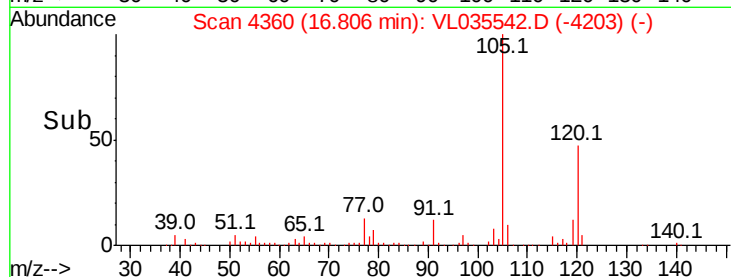
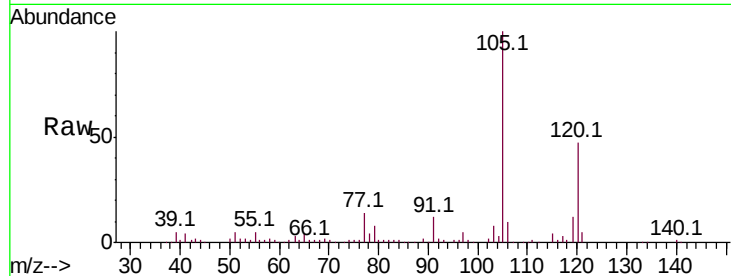
#74
 1,2,4-Trimethylbenzene
 Concen: 0.571 ppbv
 RT: 16.81 min Scan# 4360
 Delta R.T. 0.00 min
 Lab File: VL035542.D
 Acq: 3 Sep 2020 22:32

Instrument :
 MSVOA_L
 ClientSampled :
 IA-5

Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	46.6	44.4	66.6
91	11.5	37.1	55.7#
77	13.2	16.0	24.0#

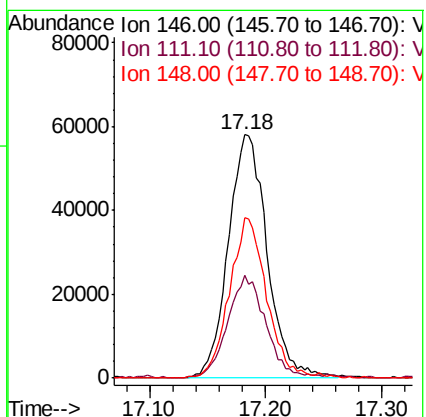
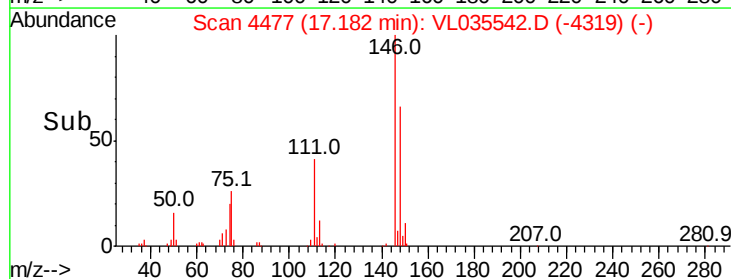
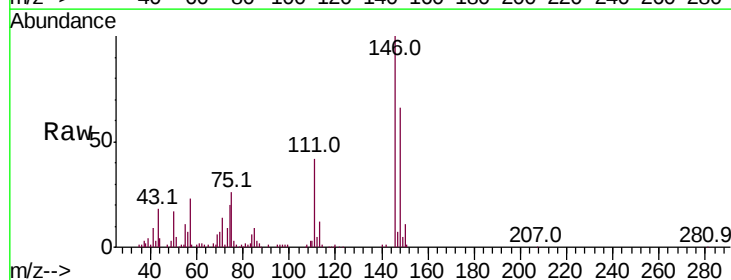
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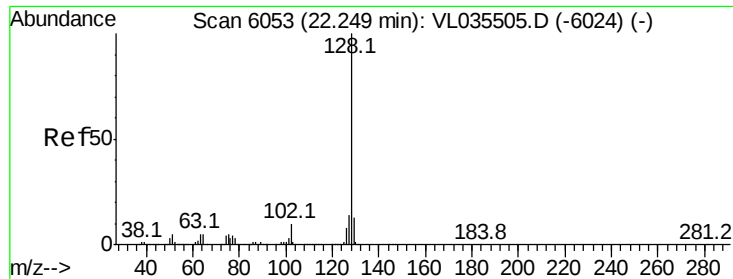
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#76
 1,4-Dichlorobenzene
 Concen: 0.370 ppbv
 RT: 17.18 min Scan# 4477
 Delta R.T. 0.01 min
 Lab File: VL035542.D
 Acq: 3 Sep 2020 22:32

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	42.2	20.0	60.0
148	63.3	33.2	99.6





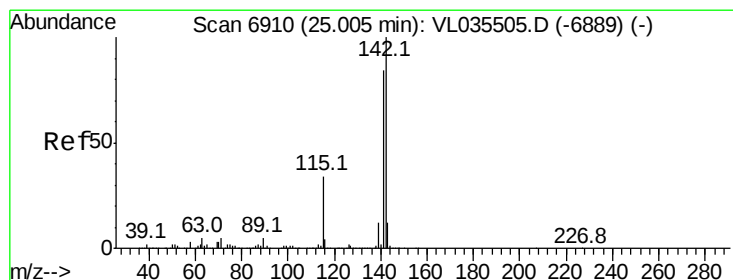
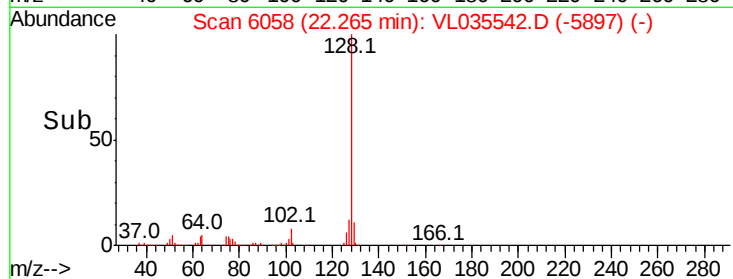
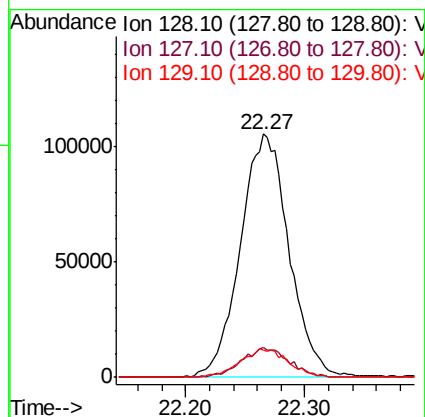
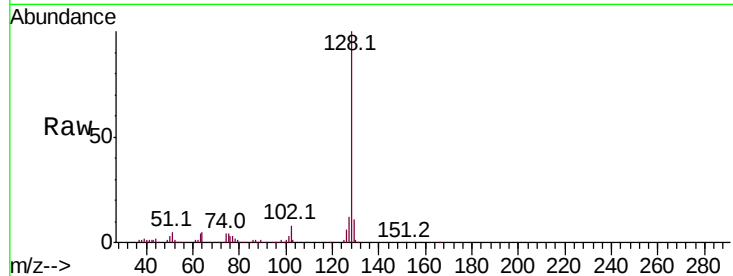
#79
Naphthalene
Concen: 0.528 ppbv
RT: 22.27 min Scan# 6058
Delta R.T. 0.02 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Instrument :
MSVOA_L
ClientSampled :
IA-5

Tot Ion	Ratio	Resp	Lower	Upper
128	100	293541		
127	12.2		11.4	17.2
129	11.5		10.5	15.7

Manual Integrations
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#80
Naphthalene, 2-methyl-
Concen: 0.040 ppbv
RT: 25.01 min Scan# 6913
Delta R.T. 0.01 min
Lab File: VL035542.D
Acq: 3 Sep 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	7501		
141	94.6		67.6	101.4
115	43.4		25.8	38.8#

