

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091720\
 Data File : VL035657.D
 Acq On : 17 Sep 2020 14:26
 Operator : SY/AP
 Sample : VL0917ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VL0917ABS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:11:17 PM

Quant Time: Sep 18 04:11:08 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 1

QLast Update : Mon Sep 14 15:19:50 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1142639	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4613146	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4915533m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3391772	9.72	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	1677806	8.473	ppbv 100
3) Chlorodifluoromethane	2.98	51	1178827	9.328	ppbv 99
4) Chloromethane	3.13	50	635864	9.392	ppbv 99
5) Vinyl Chloride	3.25	62	760617	9.112	ppbv 100
6) Bromomethane	3.47	94	659562	9.407	ppbv 99
7) Chloroethane	3.55	64	287458	9.740	ppbv 97
8) Dichlorotetrafluoroethane	3.18	85	2180415	9.092	ppbv 93
9) Propene	3.00	41	449661	9.230	ppbv 99
10) Heptane	8.13	43	1299434	9.930	ppbv 100
11) Trichlorofluoromethane	3.95	101	2580941	8.938	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1963628	9.009	ppbv 94
13) Ethanol	3.60	45	92138	7.628	ppbv 98
14) Bromoethene	3.74	108	880733	9.388	ppbv 99
15) Acetone	3.85	43	1021162	8.103	ppbv 99
16) 1,3-Butadiene	3.32	39	472065	10.063	ppbv 99
17) tert-Butyl alcohol	4.29	59	1277480	8.328	ppbv 100
18) 1,1-Dichloroethene	4.29	96	907483	9.455	ppbv 95
19) Isopropyl Alcohol	3.97	45	603646	8.029	ppbv # 98
20) Methylene Chloride	4.34	84	782333	8.335	ppbv 96
21) Allyl Chloride	4.41	41	630053	10.671	ppbv 99
22) trans-1,2-Dichloroethene	4.89	96	962133	9.416	ppbv 94
23) Vinyl Acetate	5.08	43	1612926	9.972	ppbv 99
24) 1,1-Dichloroethane	5.02	63	1589443	9.549	ppbv 100
25) Ethyl Acetate	5.68	43	2138907	9.607	ppbv 99
26) Hexane	5.69	57	1218146	9.657	ppbv 99
27) Carbon Disulfide	4.55	76	1981925	10.949	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	2123874	9.660	ppbv 99
29) Chloroform	5.76	83	2418408	9.410	ppbv 99
30) Cyclohexane	7.14	84	1342975	9.938	ppbv 97
31) cis-1,2-Dichloroethene	5.55	61	1284982	9.929	ppbv 96
32) 1,1,1-Trichloroethane	6.52	97	2361531	9.471	ppbv 98
34) 2-Butanone	5.25	43	1470119	10.738	ppbv 99
35) Carbon Tetrachloride	7.03	117	2454718	10.587	ppbv 99
36) Benzene	6.90	78	3084420	10.329	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1488479	10.455	ppbv 99
38) Trichloroethene	7.84	130	1555391	8.967	ppbv 96
39) 1,2-Dichloropropane	7.62	63	1049088	10.400	ppbv 97
40) 1,4-Dioxane	7.84	88	474089	9.408	ppbv # 62
41) Tetrahydrofuran	6.05	42	828136	11.407	ppbv 99
42) Bromodichloromethane	7.80	83	2535980	11.015	ppbv 99
43) Methyl Methacrylate	8.02	69	1299770	11.257	ppbv 97

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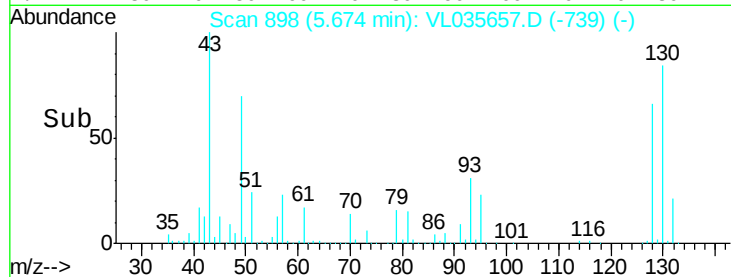
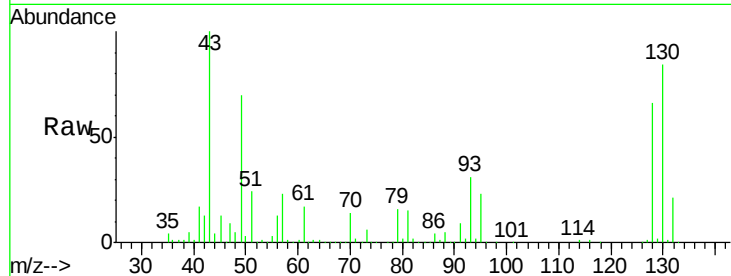
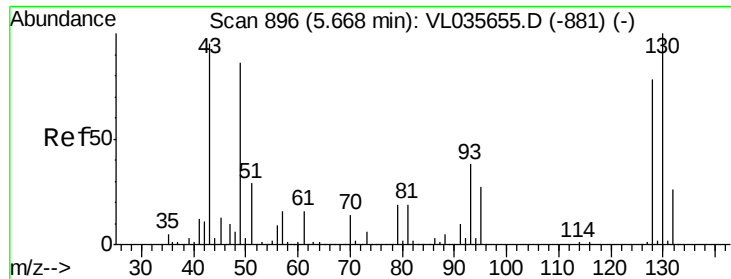
Manual Integrations
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 9/22/2020 2:11:17 PM

Quant Time: Sep 18 04:11:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	4054448	10.319	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1467179	12.543	ppbv	99
46) cis-1,3-Dichloropropene	8.72	75	1745086	12.016	ppbv	99
47) 1,1,2-Trichloroethane	9.49	97	1514696	10.176	ppbv	98
48) Dibromochloromethane	10.32	129	2559144	10.924	ppbv	100
49) Bromoform	13.06	173	2306746	10.865	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	2170133	10.947	ppbv	100
51) 2-Hexanone	10.15	43	1837798	11.301	ppbv #	99
52) Tetrachloroethene	11.24	164	1512323	8.669	ppbv	97
53) Toluene	9.82	91	3900948	10.388	ppbv	100
54) 1,2-Dibromoethane	10.63	107	2390938	10.166	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.15	131	1981347	9.906	ppbv	99
57) Chlorobenzene	12.17	112	3306513	9.140	ppbv	97
58) Ethyl Benzene	12.73	91	5069281	10.001	ppbv	98
59) m/p-Xylene	13.01	91	8414285m	19.866	ppbv	
60) o-Xylene	13.72	91	4212669	9.875	ppbv	99
61) Styrene	13.55	104	3393230	10.400	ppbv	98
62) Isopropylbenzene	14.69	105	6420207	9.369	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.70	83	3057841	9.246	ppbv	99
64) n-propylbenzene	15.59	120	1999311	9.561	ppbv	91
65) tert-Butylbenzene	16.77	119	5984131	9.394	ppbv	97
66) Benzyl Chloride	17.01	91	2295722	14.501	ppbv	97
67) sec-Butylbenzene	17.32	105	7964767	9.385	ppbv	97
69) p-Isopropyltoluene	17.68	119	6866495	9.224	ppbv	98
70) n-Butylbenzene	18.58	91	6817381	9.507	ppbv	98
71) 2-Chlorotoluene	15.48	91	4915351	9.850	ppbv	96
72) 4-Ethyltoluene	15.86	105	5317219	9.804	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	4919606	9.808	ppbv	98
74) 1,2,4-Trimethylbenzene	16.79	105	5127239	9.308	ppbv	98
75) 1,3-Dichlorobenzene	17.02	146	3508569	8.599	ppbv	98
76) 1,4-Dichlorobenzene	17.17	146	3517957	8.742	ppbv	98
77) 1,2-Dichlorobenzene	17.84	146	3449741	8.726	ppbv	98
78) Hexachloro-1,3-Butadiene	23.41	225	2015752	7.987	ppbv	100
79) Naphthalene	22.23	128	5803001	9.494	ppbv	99
80) Naphthalene, 2-methyl-	25.00	142	2129398	10.207	ppbv	99
81) 1,2,4-Trichlorobenzene	21.96	180	3013235	8.232	ppbv	100

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



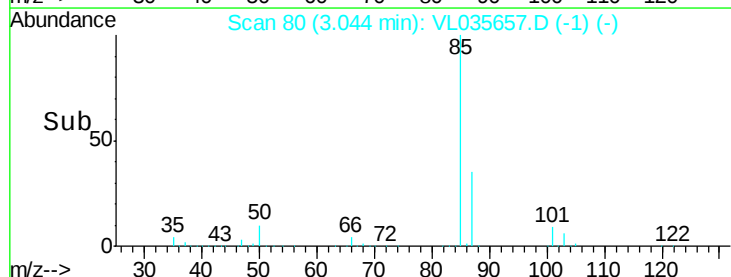
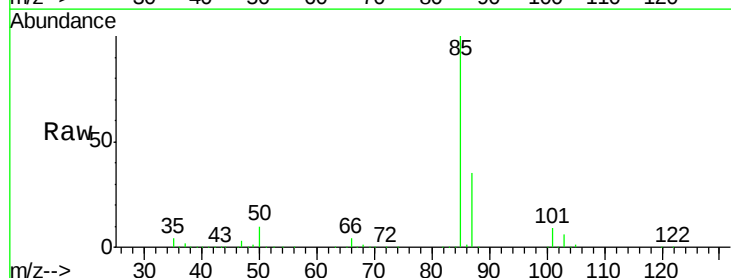
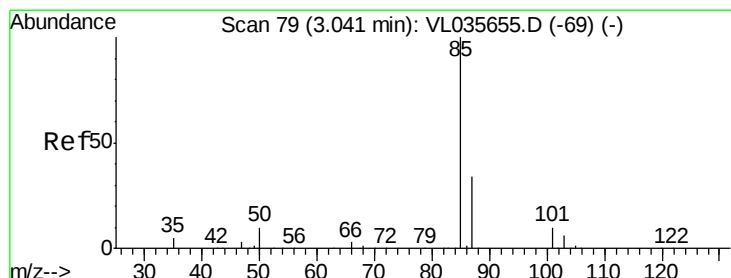
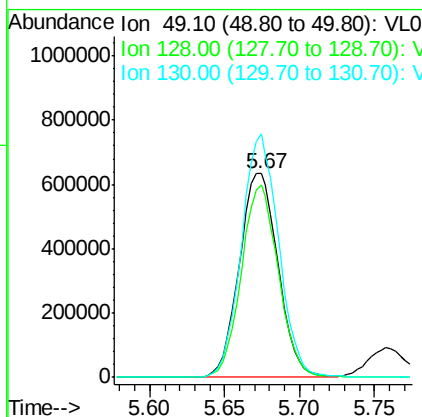
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tot Ion: 49 Resp: 1142639
Ion Ratio Lower Upper
49 100
128 90.6 50.0 150.1
130 115.2 64.4 193.2

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

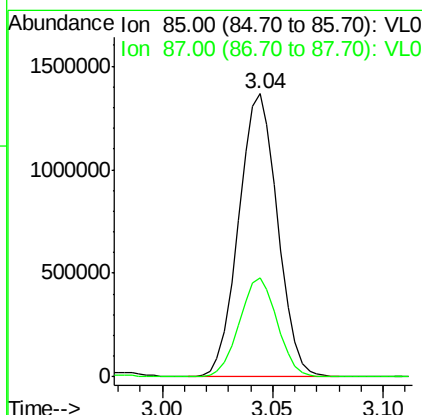
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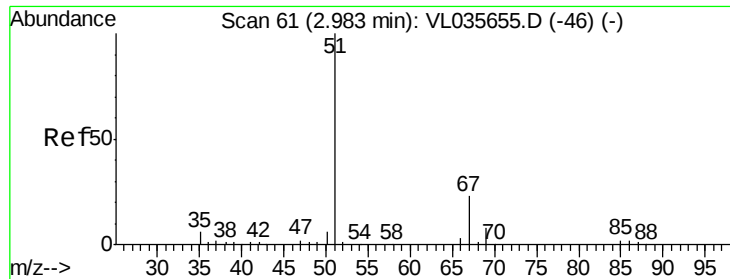
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#2
Dichlorodifluoromethane
Concen: 8.473 ppbv
RT: 3.04 min Scan# 80
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion: 85 Resp: 1677806
Ion Ratio Lower Upper
85 100
87 34.9 28.0 42.0





#3

Chlorodifluoromethane

Concen: 9.328 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Tot Ion: 51 Resp: 1178827

Ion Ratio Lower Upper

51 100

67 22.5 17.8 26.8

Instrument :

MSVOA_L

ClientSampleId :

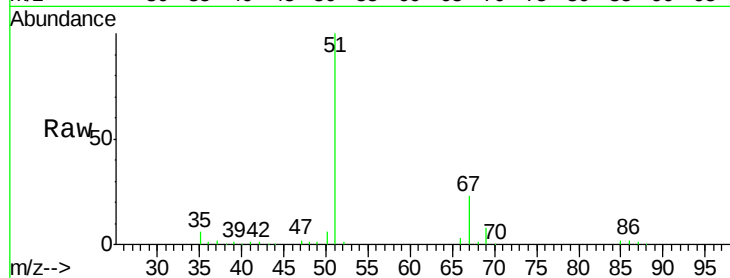
VL0917ABS01

Manual Integrations

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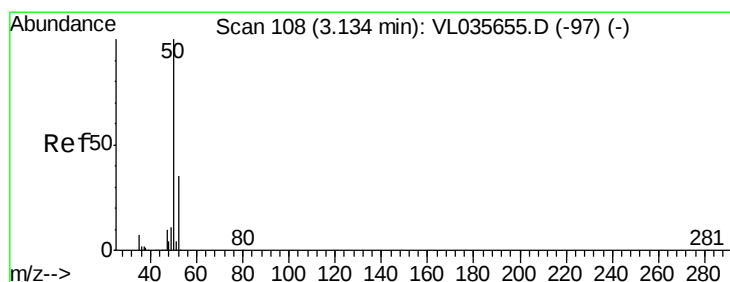
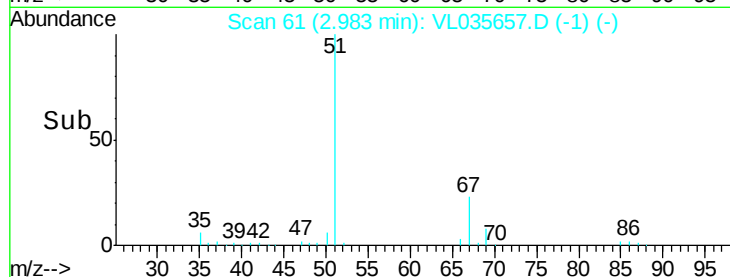
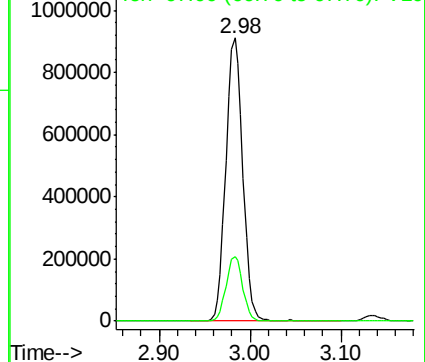
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.392 ppbv

RT: 3.13 min Scan# 108

Delta R.T. 0.01 min

Lab File: VL035657.D

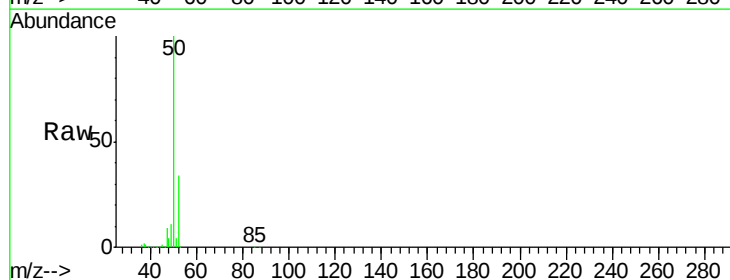
Acq: 17 Sep 2020 14:26

Tgt Ion: 50 Resp: 635864

Ion Ratio Lower Upper

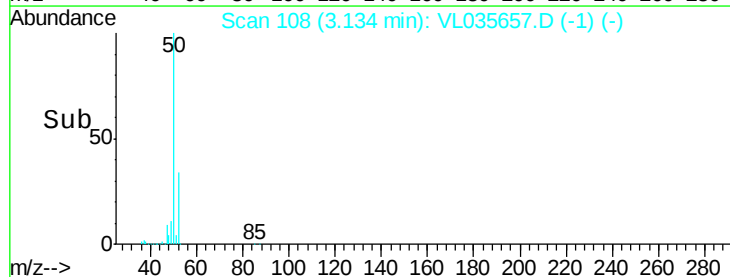
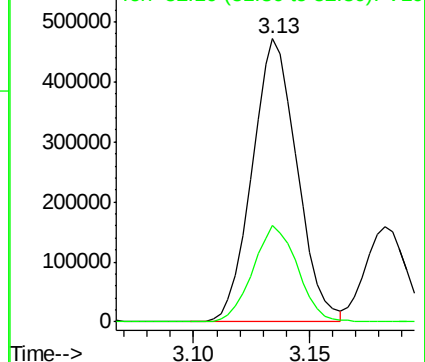
50 100

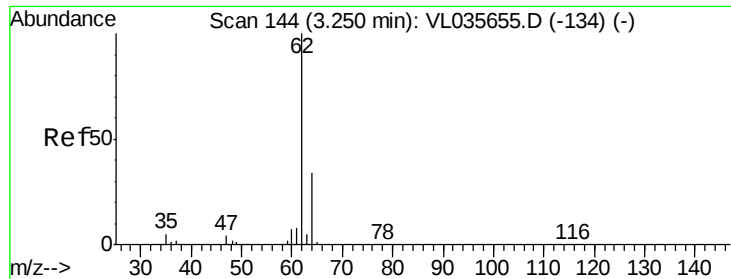
52 34.1 27.7 41.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.112 ppbv

RT: 3.25 min Scan# 145

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 62 Resp: 760617

Ion Ratio Lower Upper

62 100

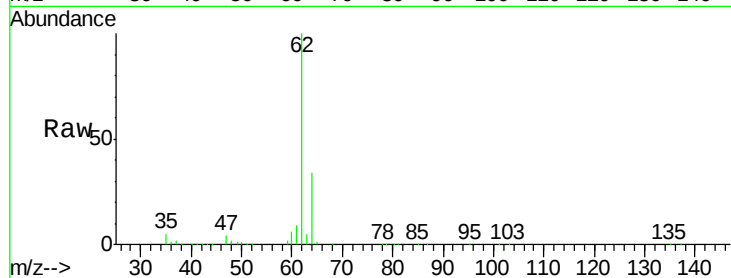
64 34.1 27.4 41.2

Manual Integrations

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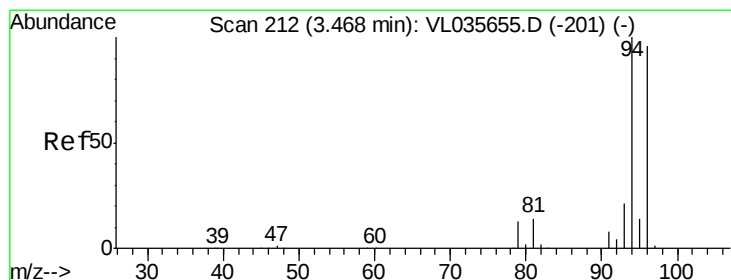
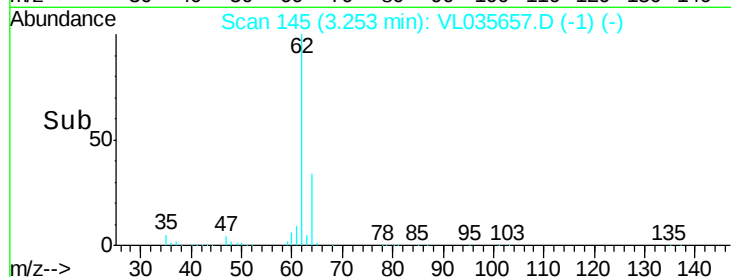
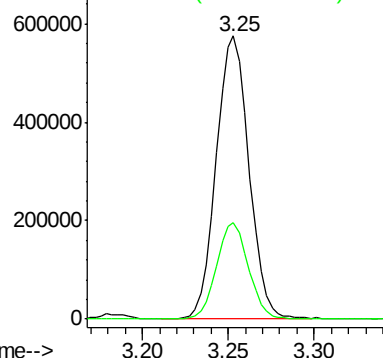
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.407 ppbv

RT: 3.47 min Scan# 212

Delta R.T. 0.01 min

Lab File: VL035657.D

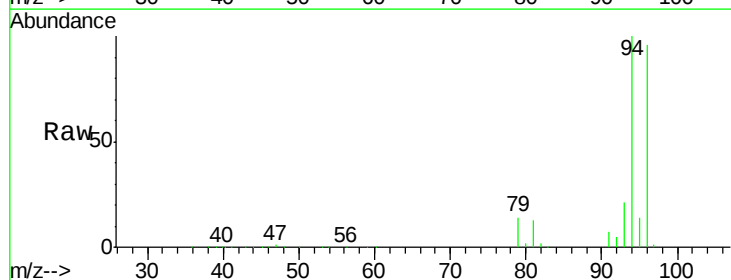
Acq: 17 Sep 2020 14:26

Tgt Ion: 94 Resp: 659562

Ion Ratio Lower Upper

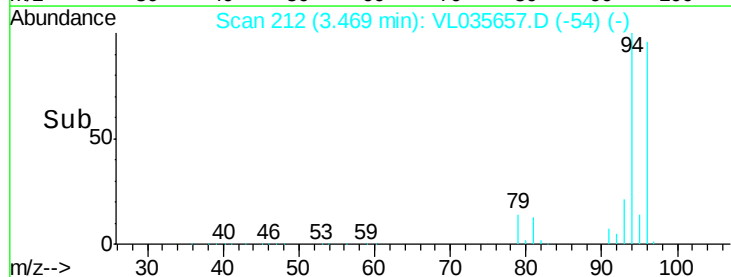
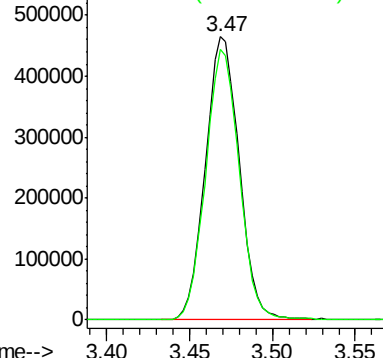
94 100

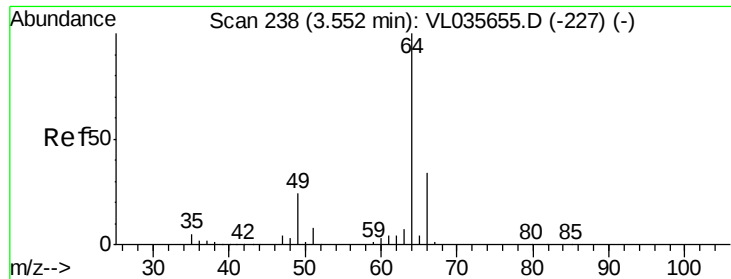
96 95.5 77.1 115.7



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.740 ppbv

RT: 3.55 min Scan# 238

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 64 Resp: 287458

Ion Ratio Lower Upper

64 100

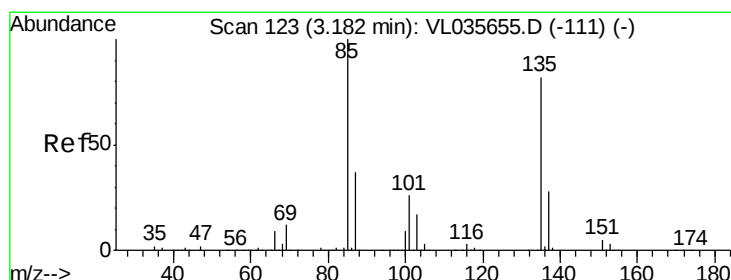
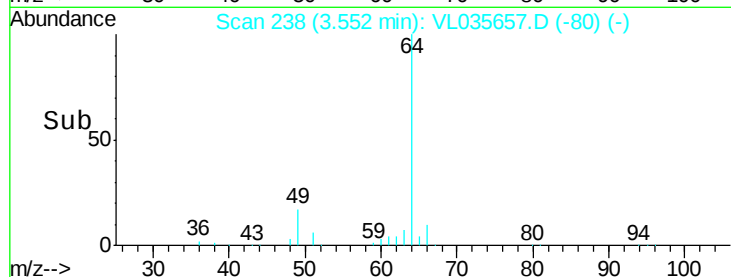
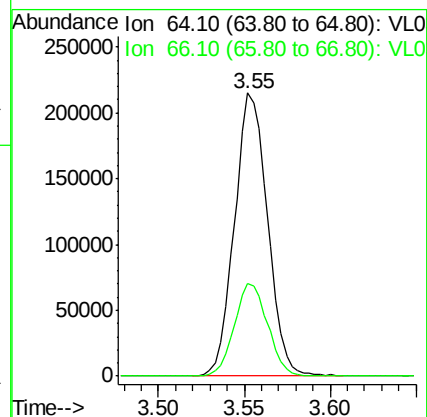
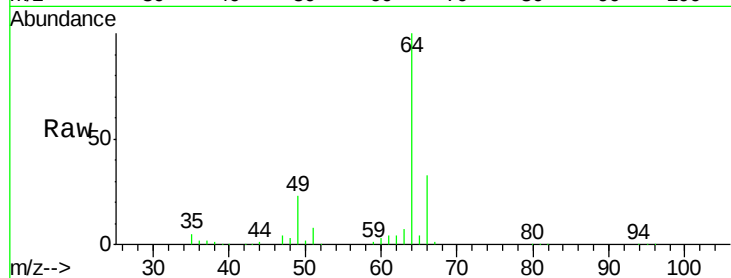
66 32.7 27.7 41.5

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 9.092 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.01 min

Lab File: VL035657.D

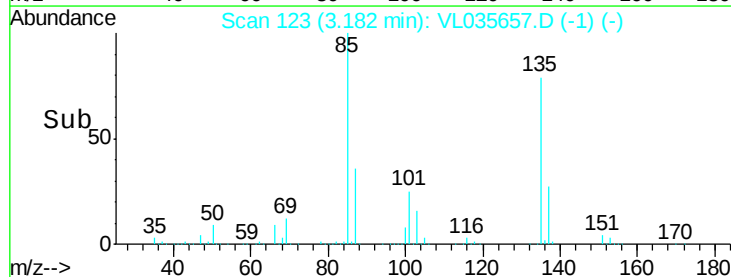
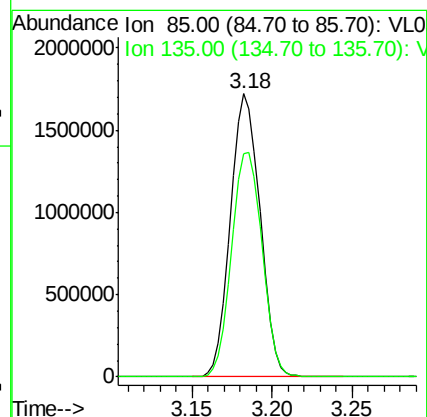
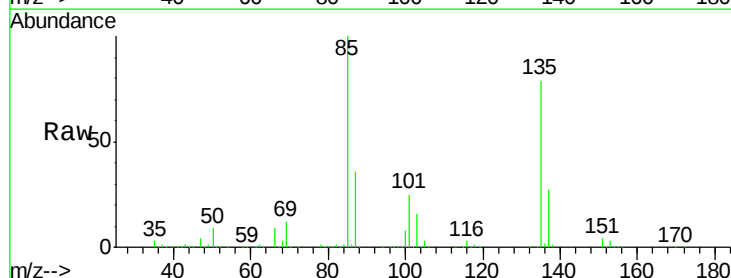
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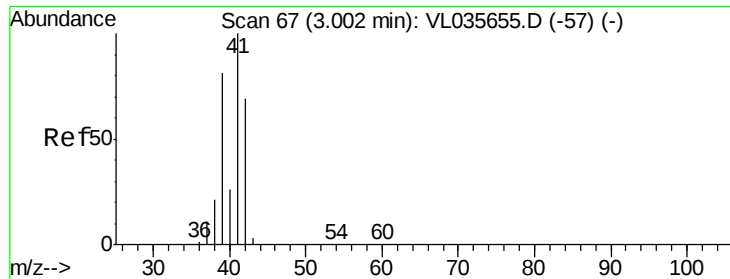
Tgt Ion: 85 Resp: 2180415

Ion Ratio Lower Upper

85 100

135 81.7 70.4 105.6





#9

Propene

Concen: 9.230 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 41 Resp: 449661

Ion Ratio Lower Upper

41 100

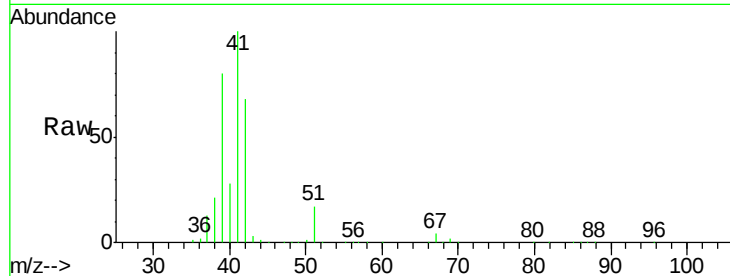
42 69.6 56.3 84.5

Manual Integrations

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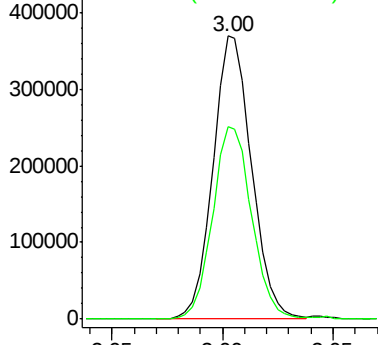
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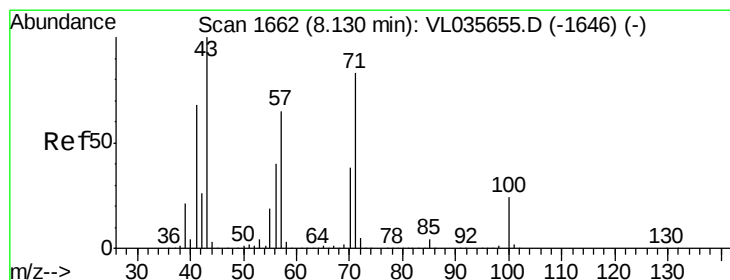
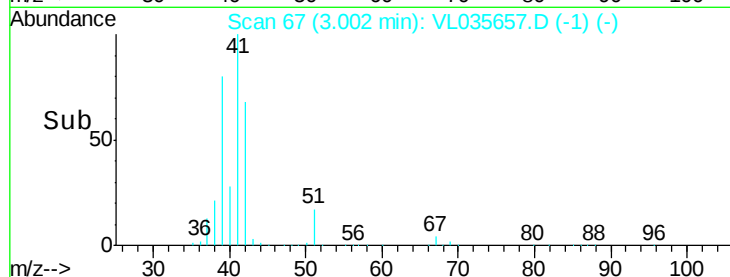


Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



Time-->



#10

Heptane

Concen: 9.930 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.01 min

Lab File: VL035657.D

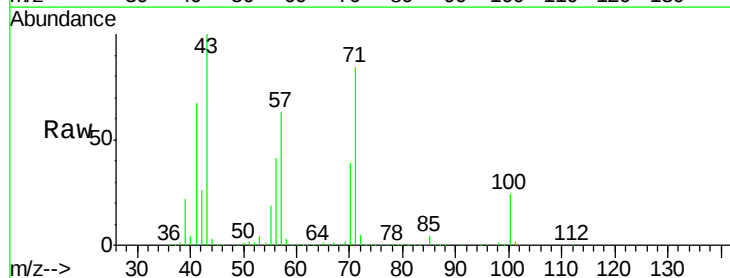
Acq: 17 Sep 2020 14:26

Tgt Ion: 43 Resp: 1299434

Ion Ratio Lower Upper

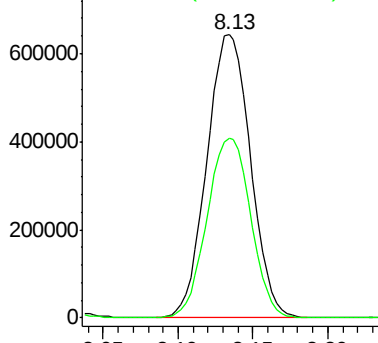
43 100

57 64.0 51.4 77.0

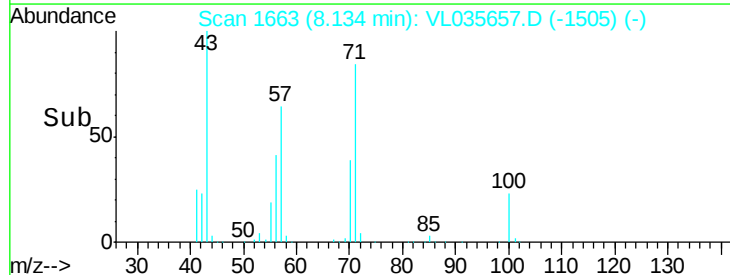


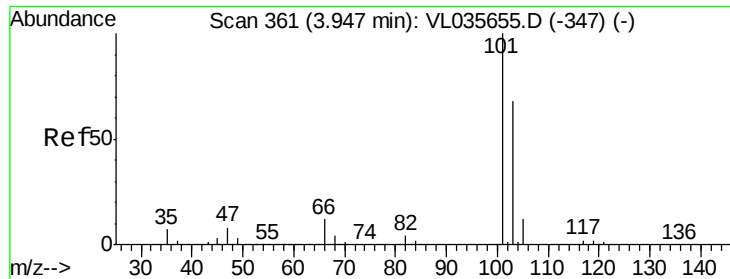
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



Time-->





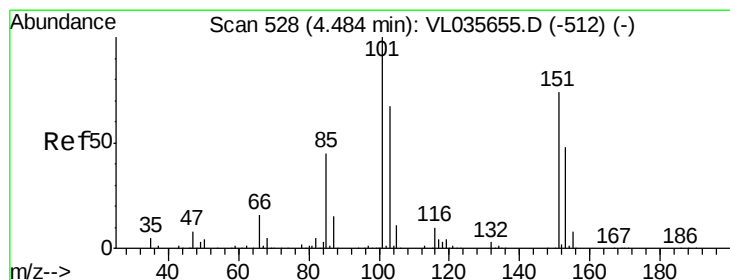
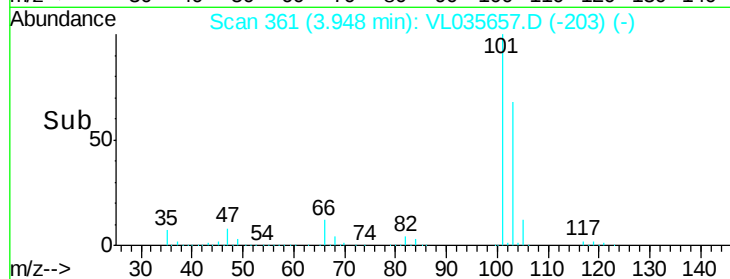
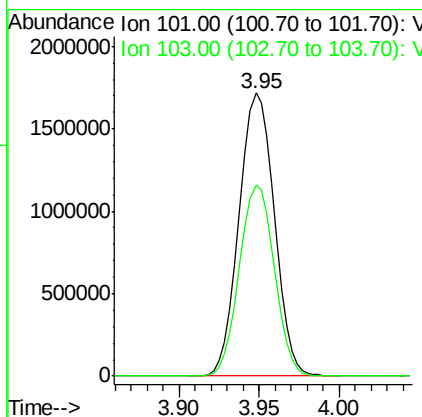
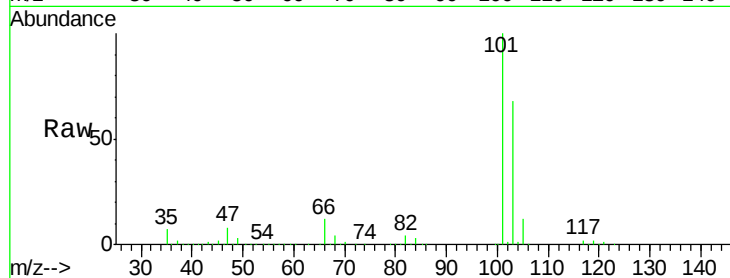
#11
 Trichlorofluoromethane
 Concen: 8.938 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion:101 Resp: 2580941
 Ion Ratio Lower Upper
 101 100
 103 67.7 54.5 81.7

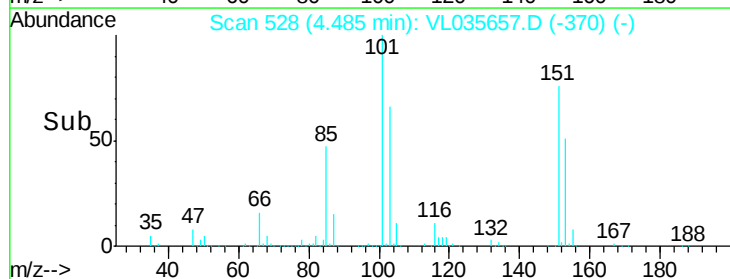
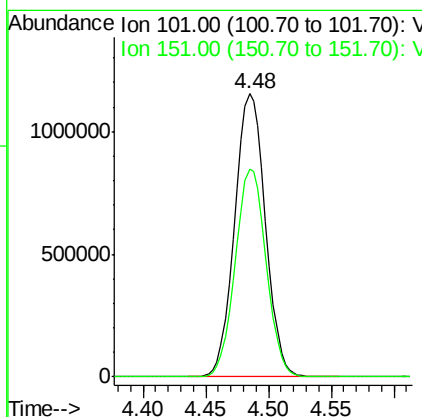
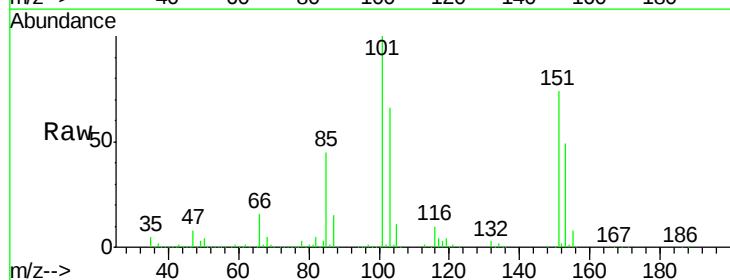
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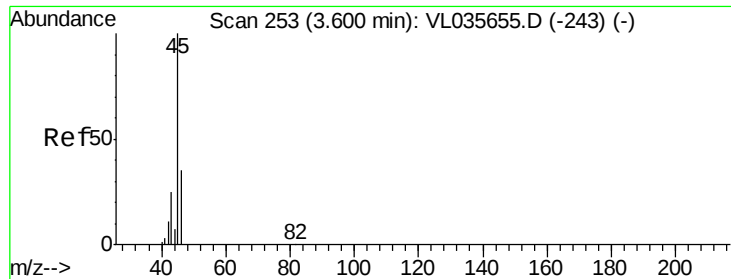
MMDadoda
 9/22/2020 2:11:17 PM



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.009 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion:101 Resp: 1963628
 Ion Ratio Lower Upper
 101 100
 151 74.0 63.5 95.3





#13

Ethanol

Concen: 7.628 ppbv

RT: 3.60 min Scan# 253

Delta R.T. 0.00 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 45 Resp: 92138

Ion Ratio Lower Upper

45 100

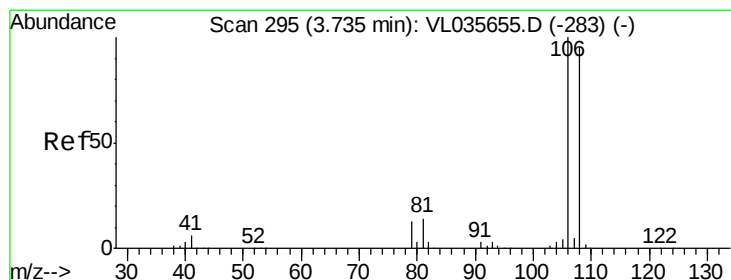
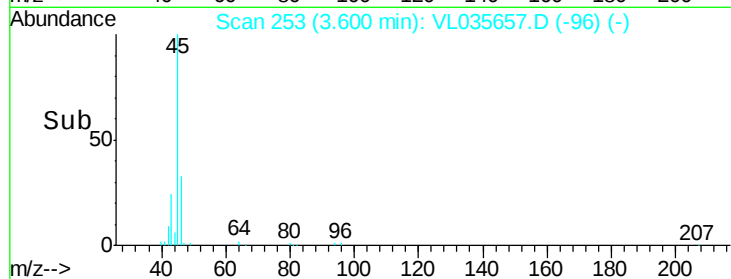
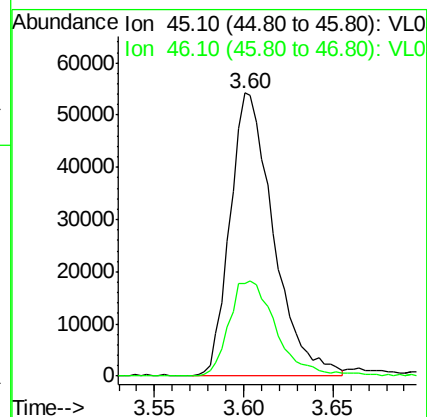
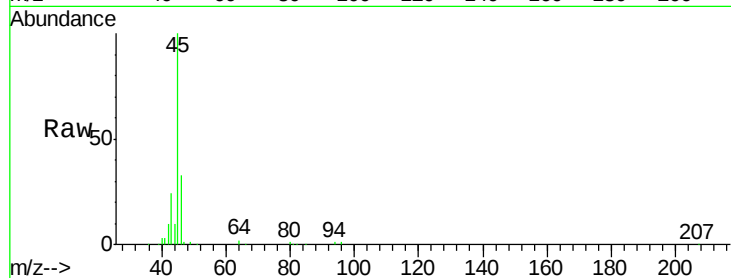
46 36.5 15.2 60.6

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#14

Bromoethene

Concen: 9.388 ppbv

RT: 3.74 min Scan# 295

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

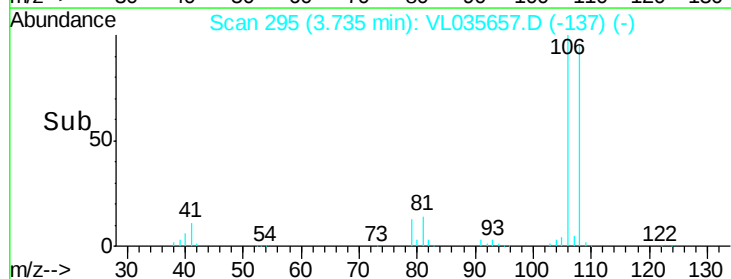
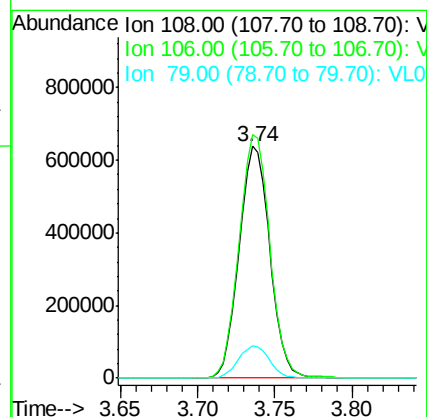
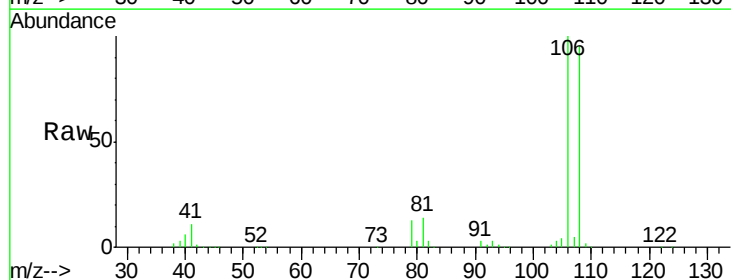
Tgt Ion: 108 Resp: 880733

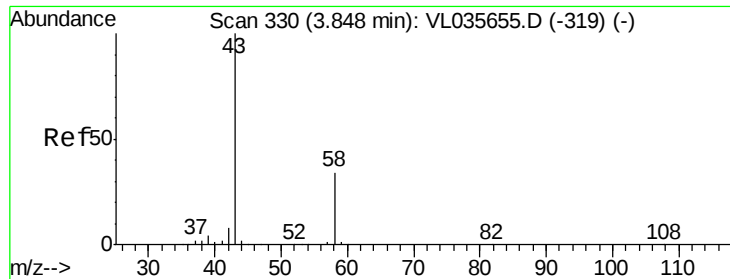
Ion Ratio Lower Upper

108 100

106 105.5 84.9 127.3

79 14.1 10.8 16.2





#15

Acetone

Concen: 8.103 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 43 Resp: 1021162

Ion Ratio Lower Upper

43 100

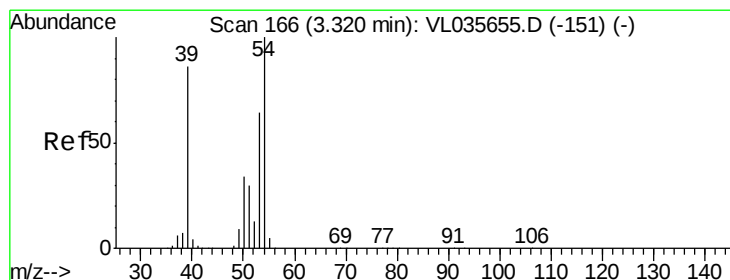
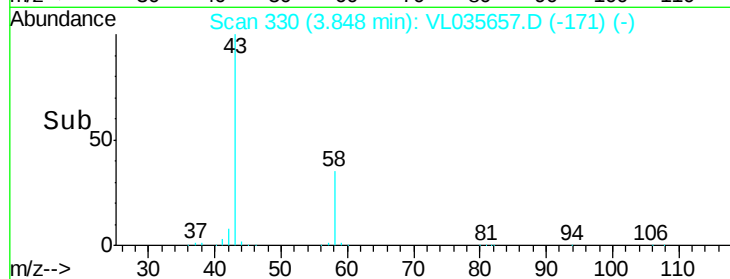
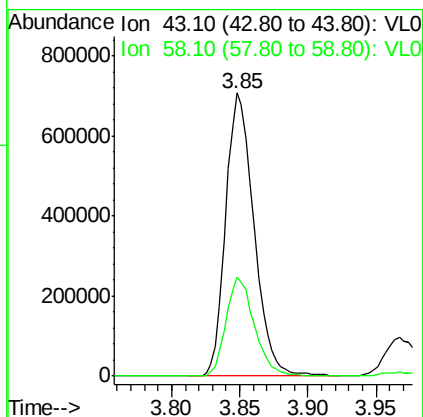
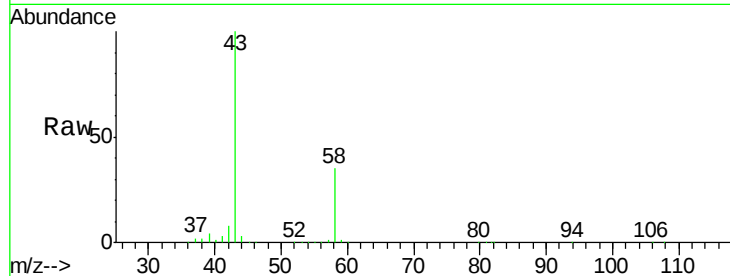
58 35.0 28.4 42.6

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#16

1,3-Butadiene

Concen: 10.063 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.01 min

Lab File: VL035657.D

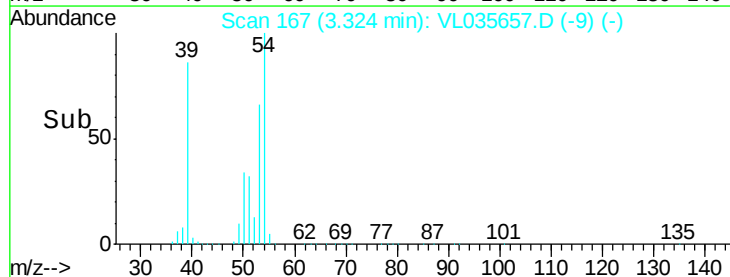
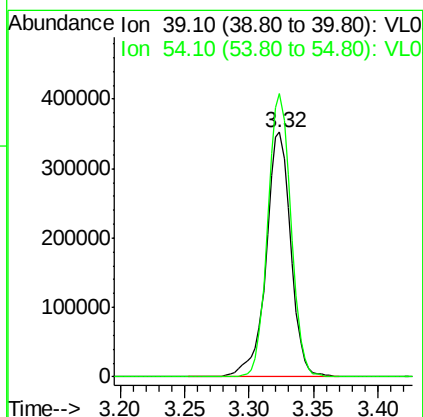
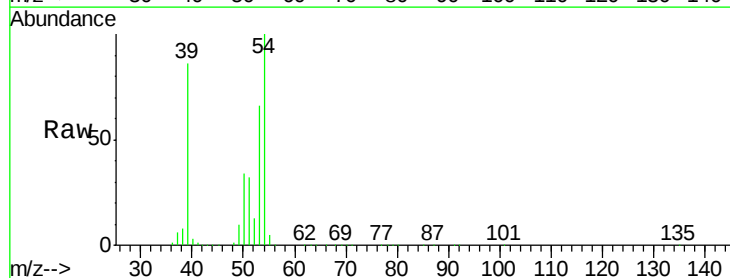
Acq: 17 Sep 2020 14:26

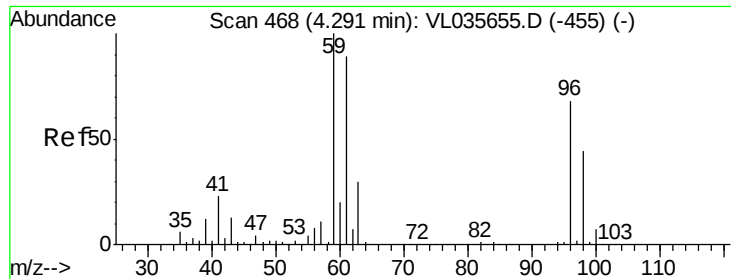
Tgt Ion: 39 Resp: 472065

Ion Ratio Lower Upper

39 100

54 109.3 88.4 132.6





#17

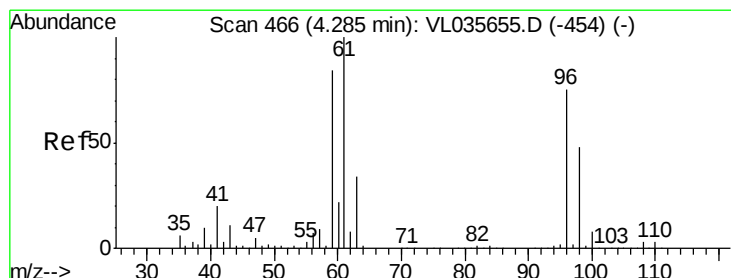
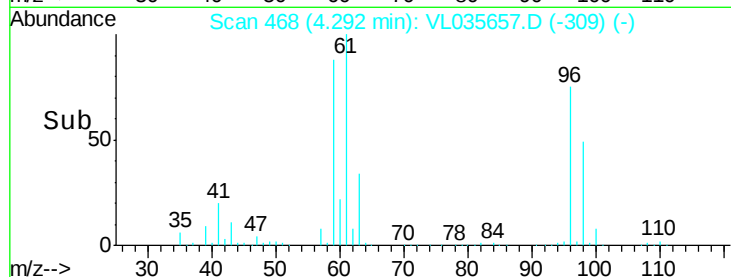
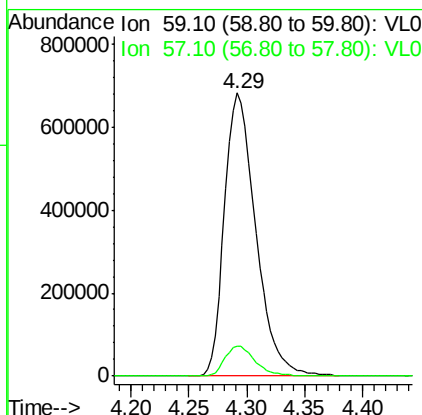
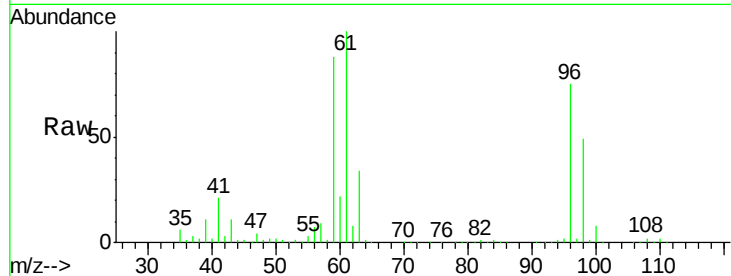
tert-Butyl alcohol
 Concen: 8.328 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion: 59 Resp: 1277480
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

Manual Integrations
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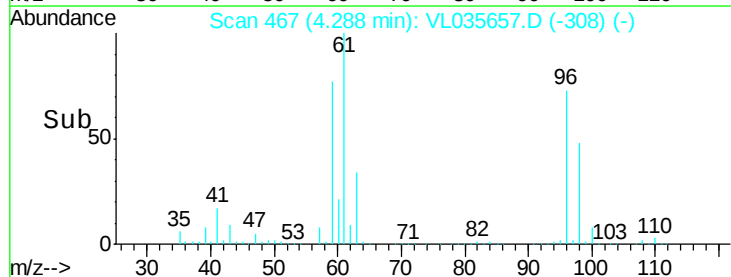
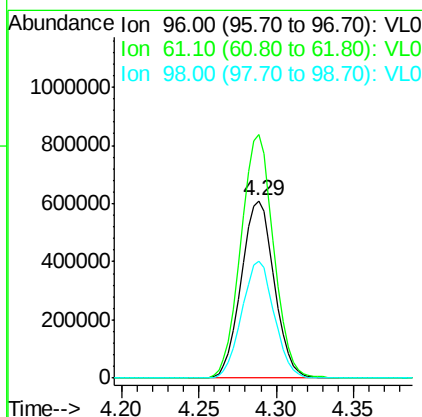
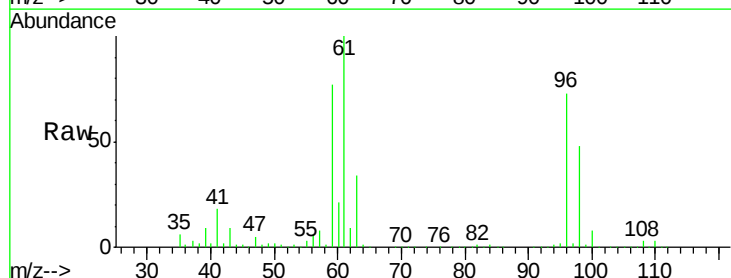
MMDadoda
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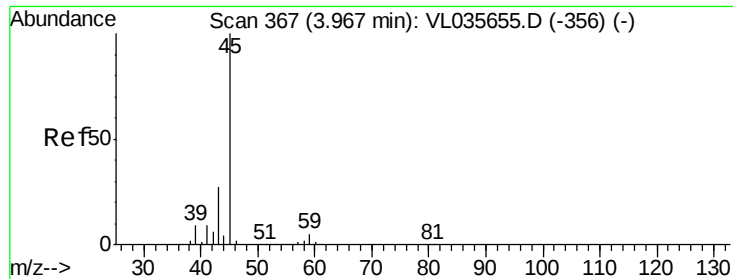


#18

1,1-Dichloroethene
 Concen: 9.455 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion: 96 Resp: 907483
 Ion Ratio Lower Upper
 96 100
 61 137.2 103.0 154.6
 98 66.0 52.8 79.2





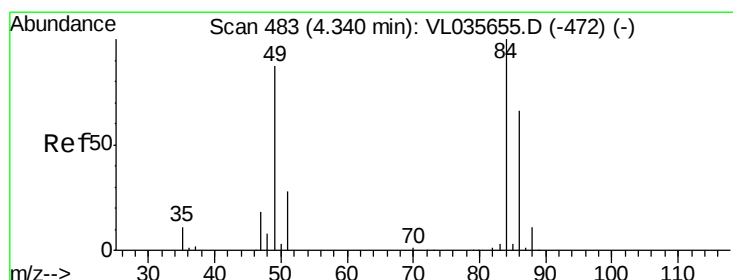
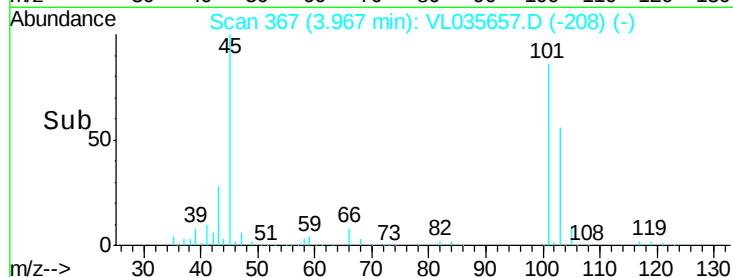
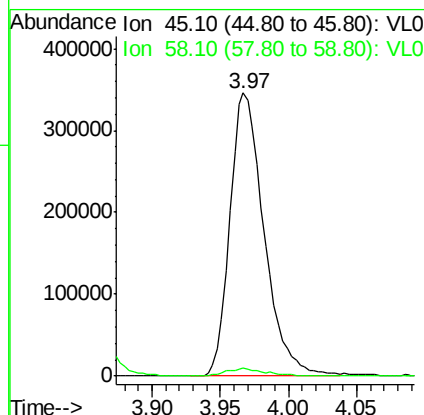
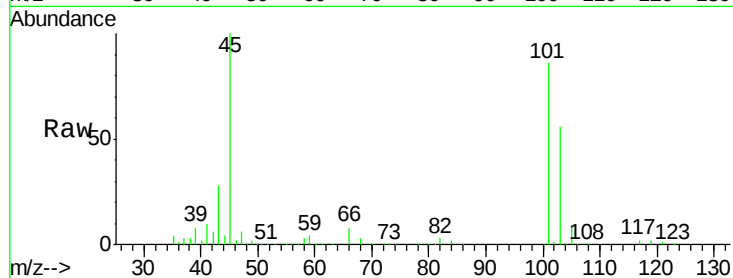
#19
Isopropyl Alcohol
Concen: 8.029 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion: 45 Resp: 603646
Ion Ratio Lower Upper
45 100
58 3.3 2.0 3.0#

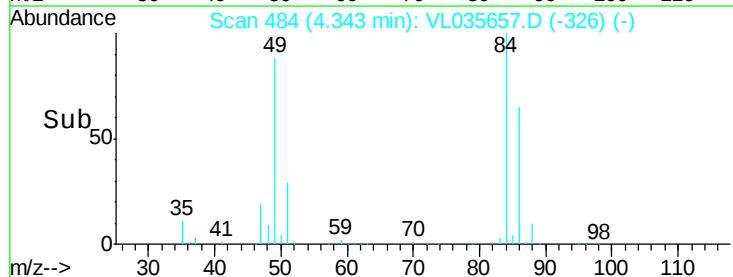
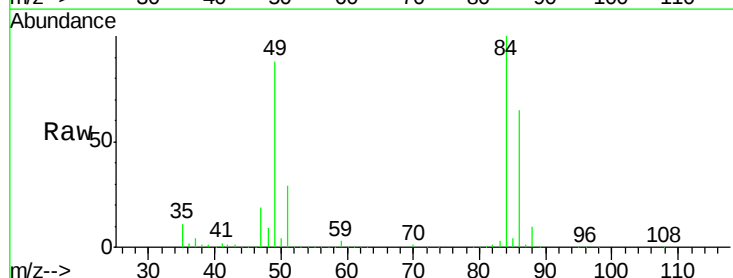
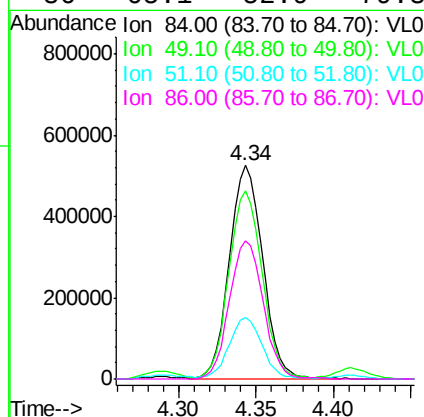
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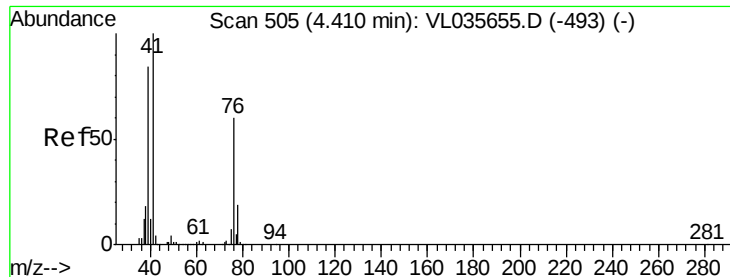
MMDadoda
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#20
Methylene Chloride
Concen: 8.335 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion: 84 Resp: 782333
Ion Ratio Lower Upper
84 100
49 87.2 65.4 98.0
51 27.5 21.5 32.3
86 65.1 52.9 79.3





#21

Allvl Chloride

Concen: 10.671 ppbv

RT: 4.41 min Scan# 505

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

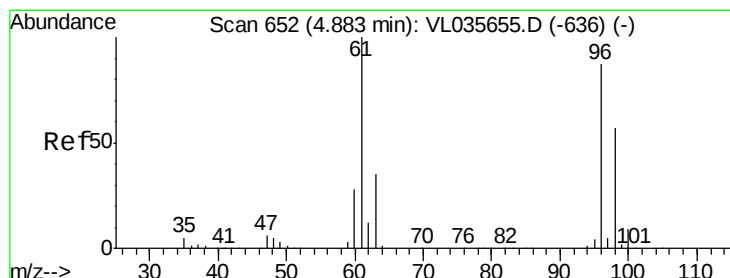
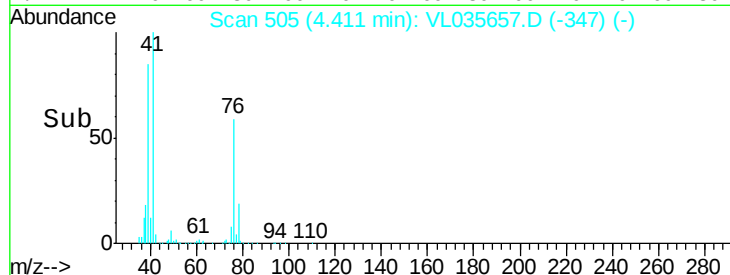
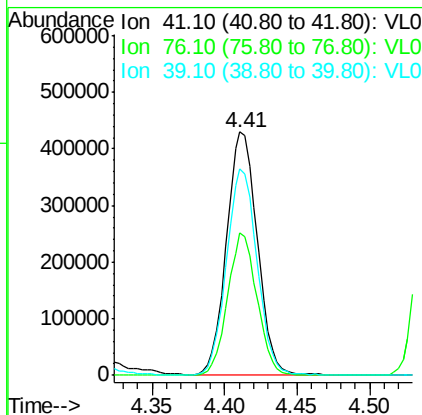
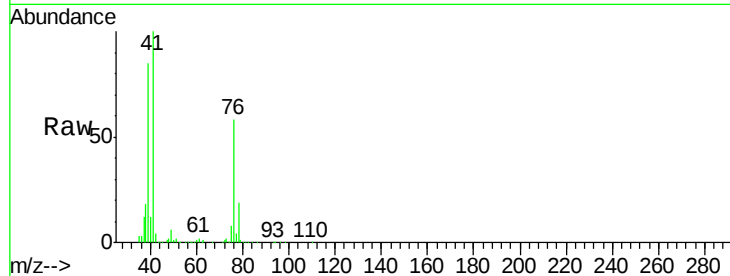
ClientSampleId :

VL0917ABS01

Tot Ion:	41	Resp:	630053
Ion	Ratio	Lower	Upper
41	100		
76	56.1	46.2	69.2
39	84.8	67.8	101.6

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#22

trans-1,2-Dichloroethene

Concen: 9.416 ppbv

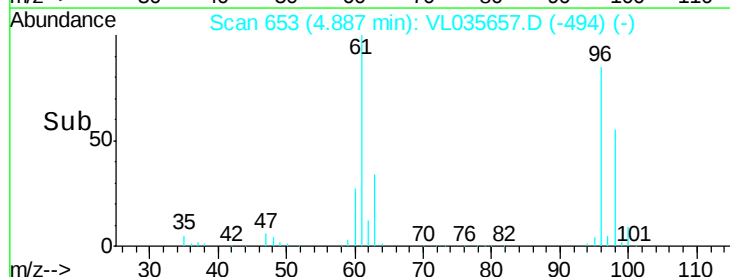
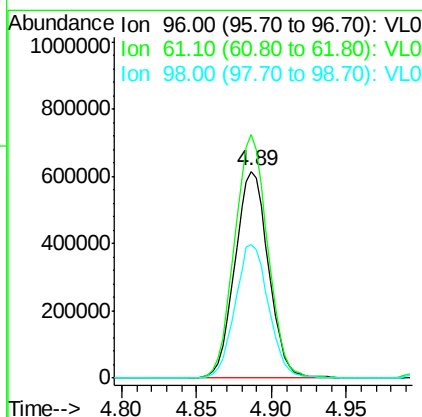
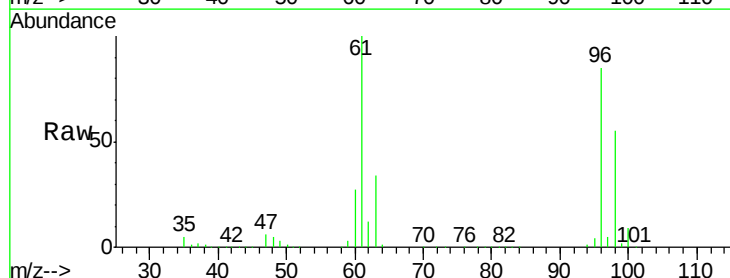
RT: 4.89 min Scan# 653

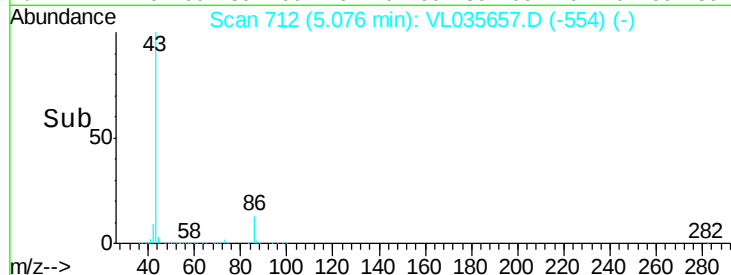
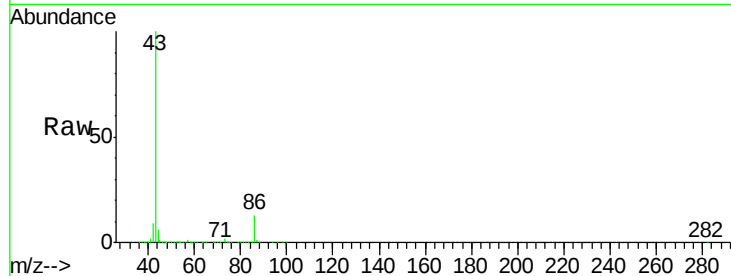
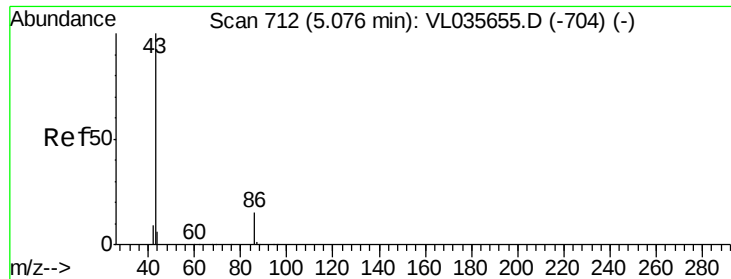
Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Tgt Ion:	96	Resp:	962133
Ion	Ratio	Lower	Upper
96	100		
61	117.6	86.0	129.0
98	64.5	52.3	78.5





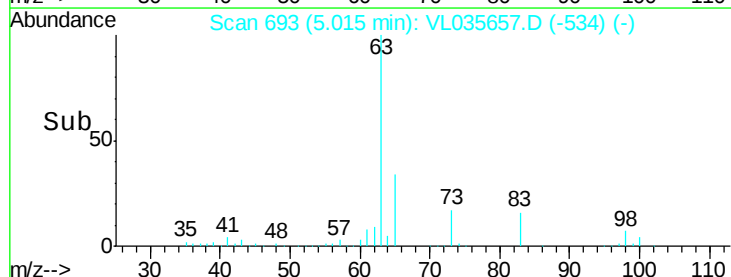
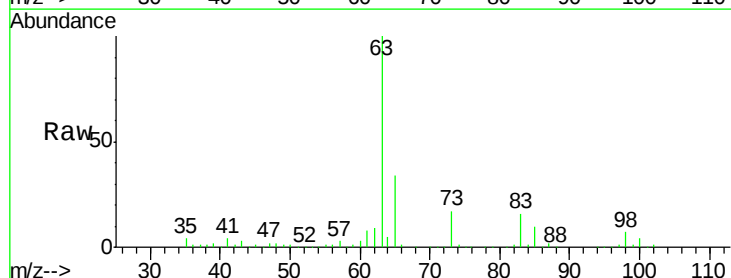
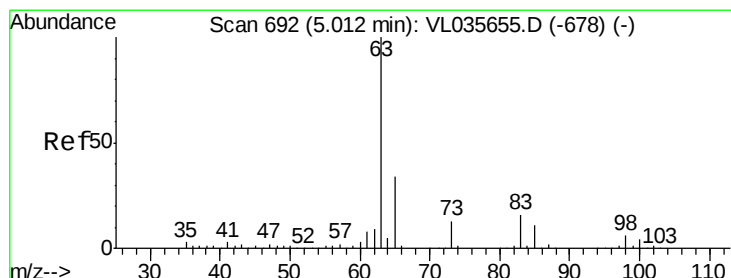
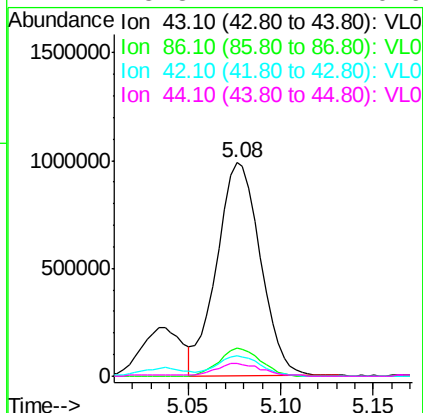
#23
 Vinyl Acetate
 Concen: 9.972 ppbv
 RT: 5.08 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
86	13.0	10.6	16.0	
42	9.4	7.5	11.3	
44	5.8	4.4	6.6	

Instrument :
 MSVOA_L
 ClientSampled :
 VL0917ABS01

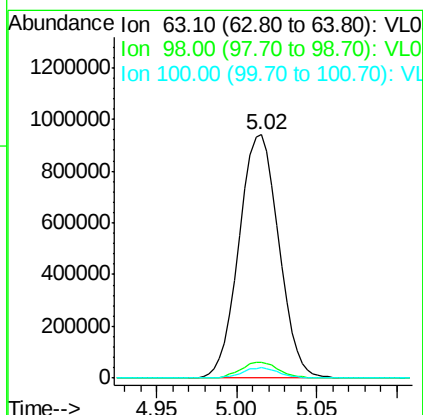
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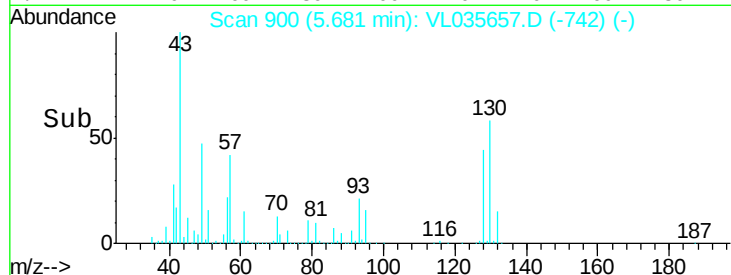
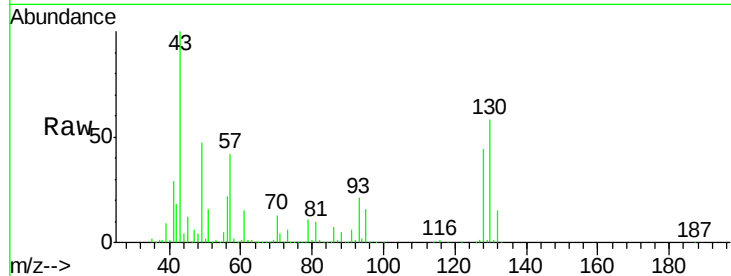
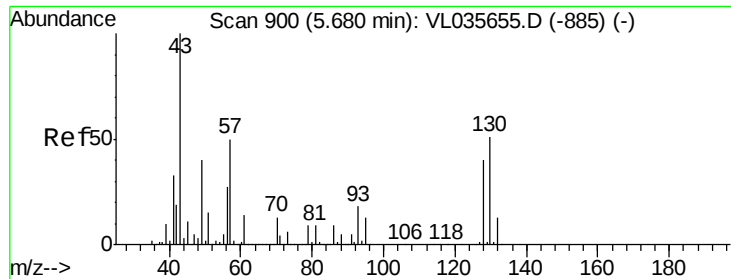
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#24
 1,1-Dichloroethane
 Concen: 9.549 ppbv
 RT: 5.02 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion	Ion	Ratio	Lower	Upper
63	100			
98	6.5	3.4	10.1	
100	4.3	2.1	6.5	





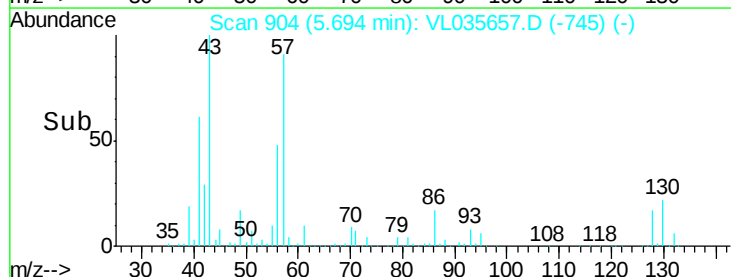
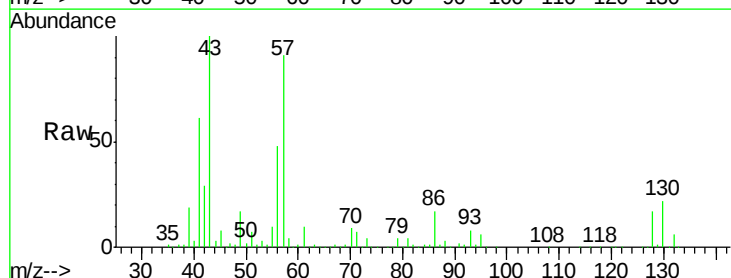
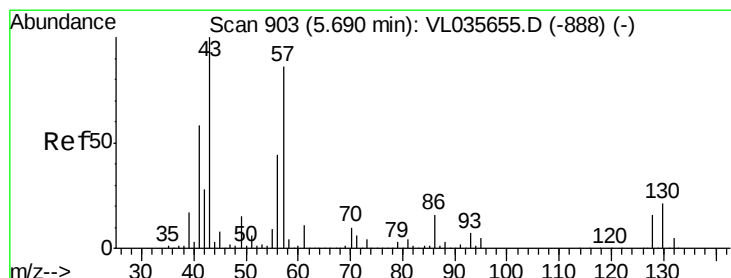
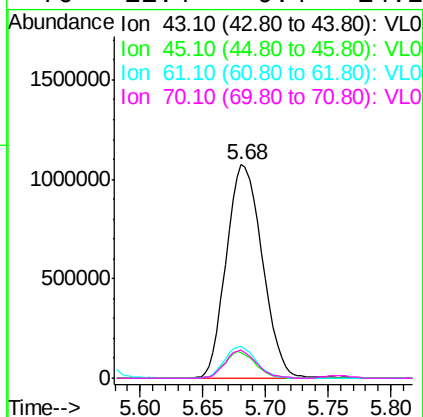
#25
Ethyl Acetate
Concen: 9.607 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tot Ion	43.10	Resp	2138907
Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.4	12.6
61	13.3	10.6	16.0
70	11.4	9.4	14.2

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

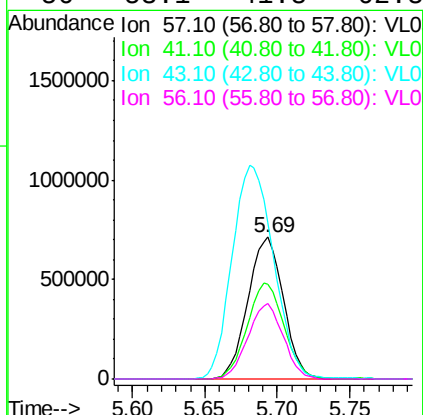
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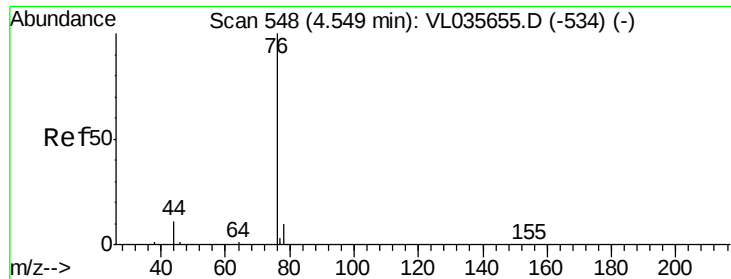
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#26
Hexane
Concen: 9.657 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion	57.10	Resp	1218146
Ion	Ratio	Lower	Upper
57	100		
41	71.1	55.9	83.9
43	176.3	141.8	212.8
56	53.1	41.8	62.8





#27

Carbon Disulfide

Concen: 10.949 ppbv

RT: 4.55 min Scan# 548

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 76 Resp: 1981925

Ion Ratio Lower Upper

76 100

44 11.9 9.3 13.9

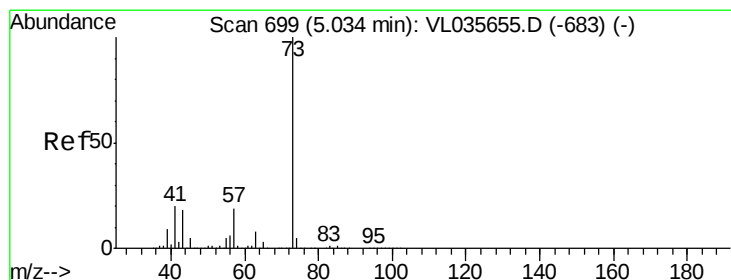
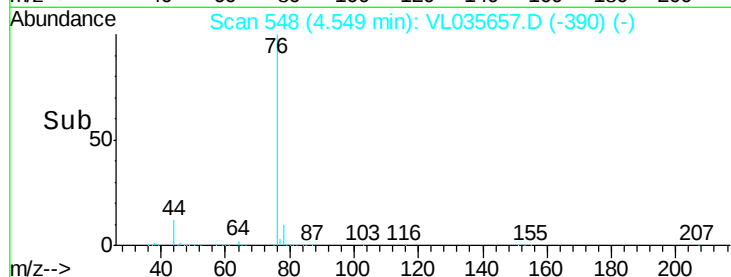
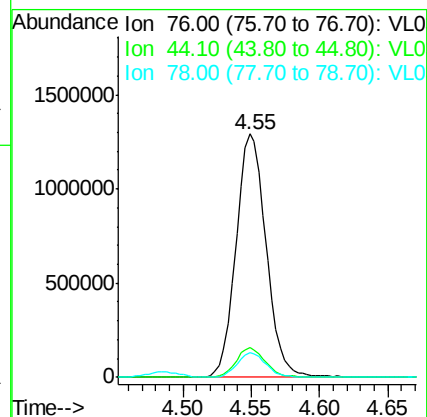
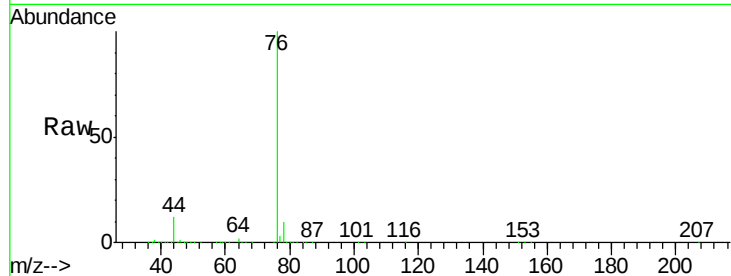
78 9.7 7.8 11.6

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#28

Methyl tert-Butyl Ether

Concen: 9.660 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.01 min

Lab File: VL035657.D

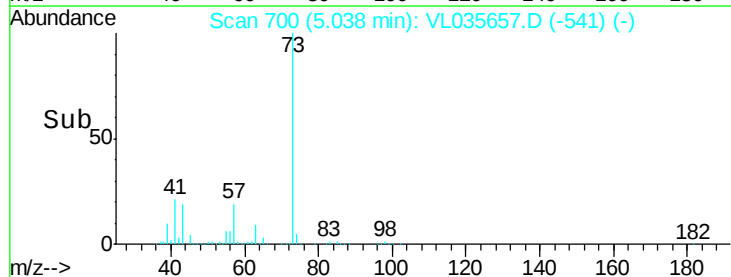
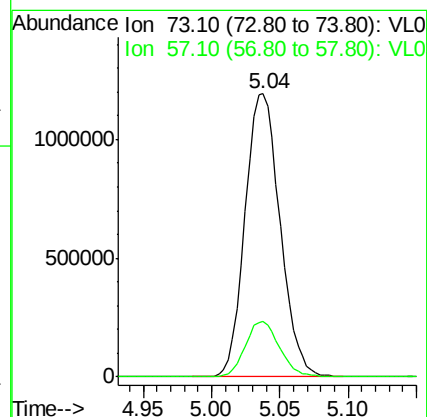
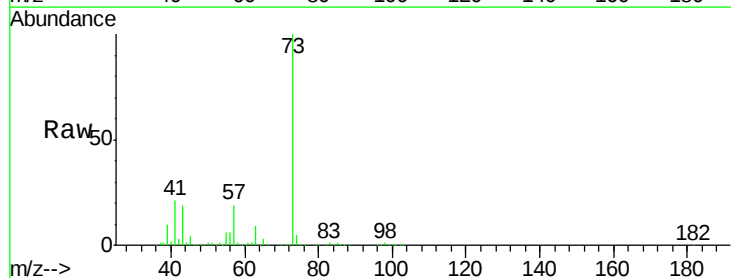
Acq: 17 Sep 2020 14:26

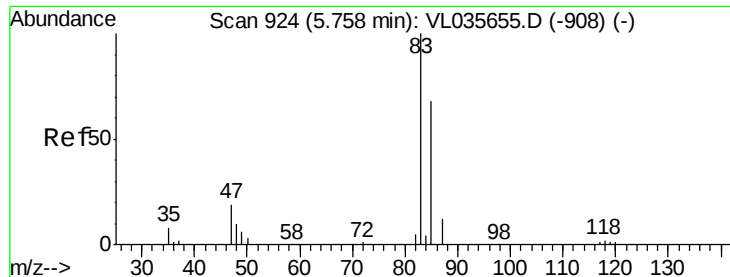
Tgt Ion: 73 Resp: 2123874

Ion Ratio Lower Upper

73 100

57 19.2 15.2 22.8





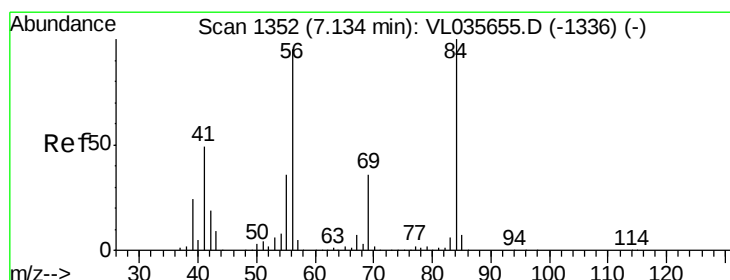
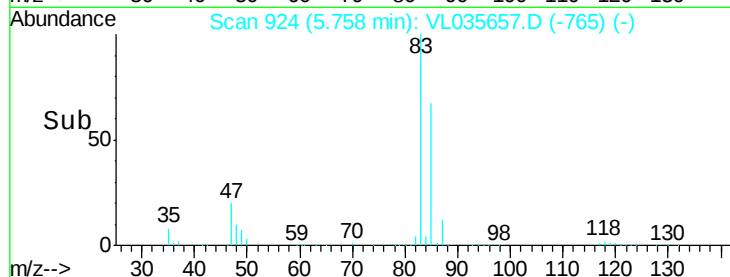
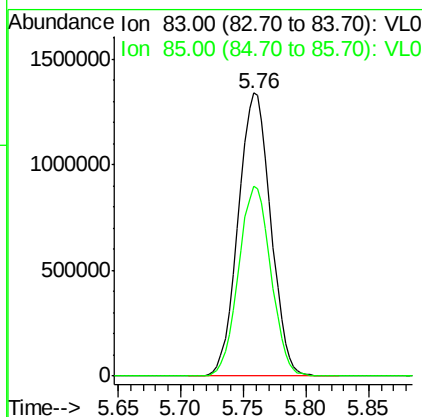
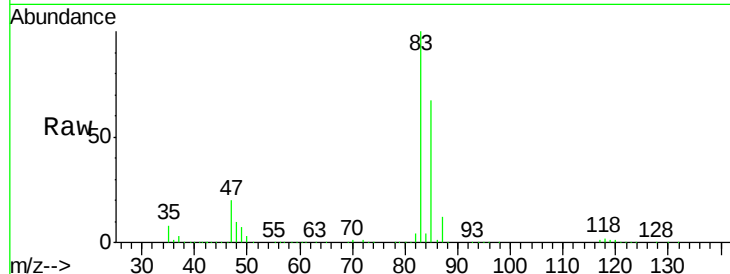
#29
Chloroform
Concen: 9.410 ppbv
RT: 5.76 min Scan# 924
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion: 83 Resp: 2418408
Ion Ratio Lower Upper
83 100
85 66.8 53.9 80.9

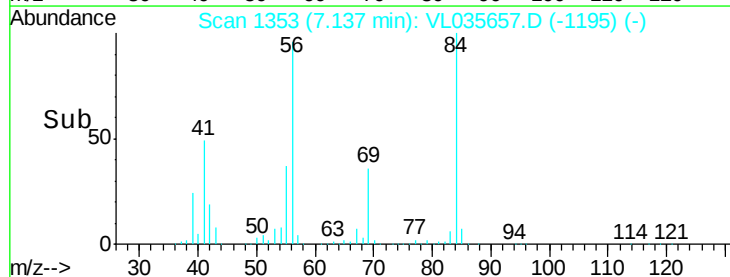
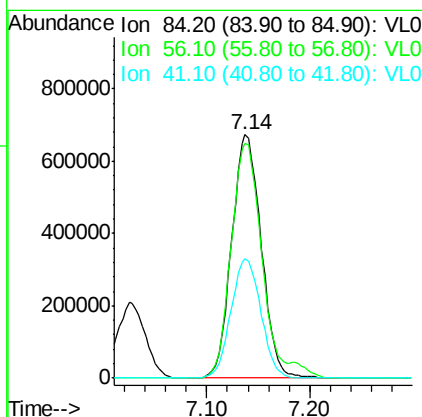
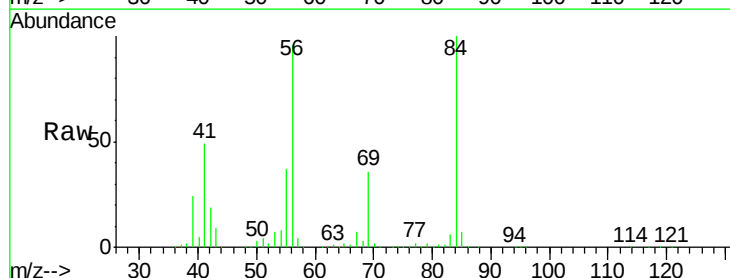
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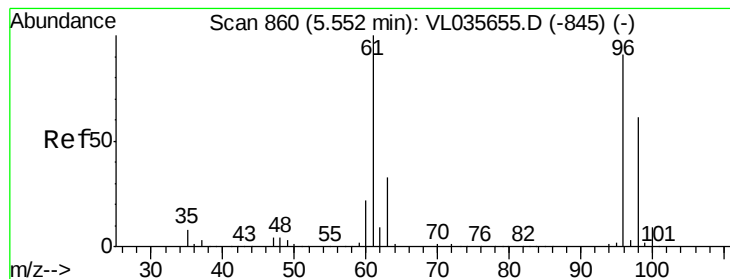
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#30
Cyclohexane
Concen: 9.938 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion: 84 Resp: 1342975
Ion Ratio Lower Upper
84 100
56 102.6 80.1 120.1
41 49.5 38.1 57.1





#31

cis-1,2-Dichloroethene

Concen: 9.929 ppbv

RT: 5.55 min Scan# 860

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 61 Resp: 1284982

Ion Ratio Lower Upper

61 100

96 89.5 74.4 111.6

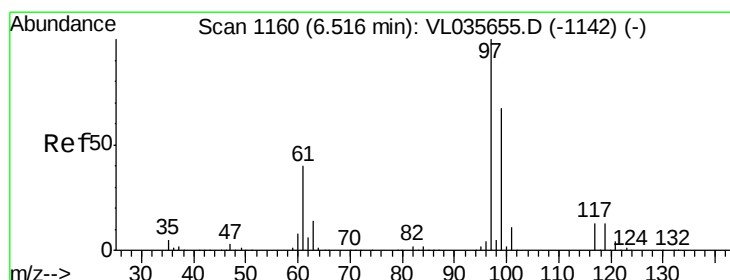
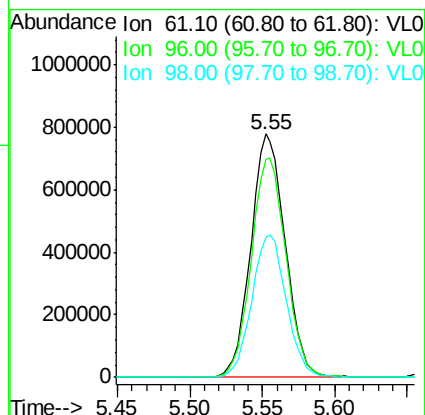
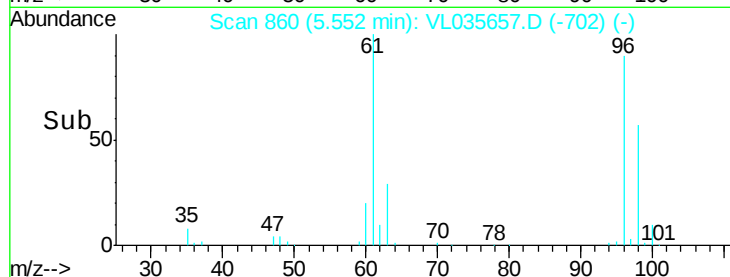
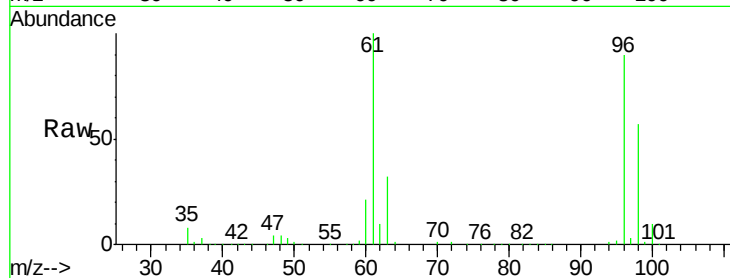
98 57.5 49.2 73.8

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#32

1,1,1-Trichloroethane

Concen: 9.471 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

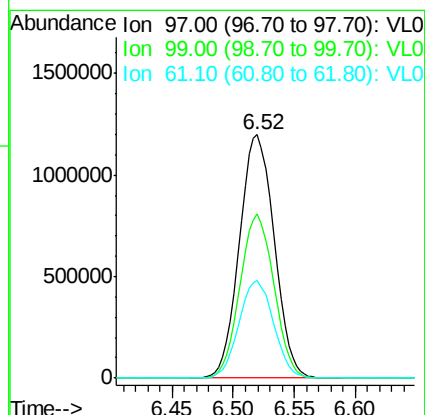
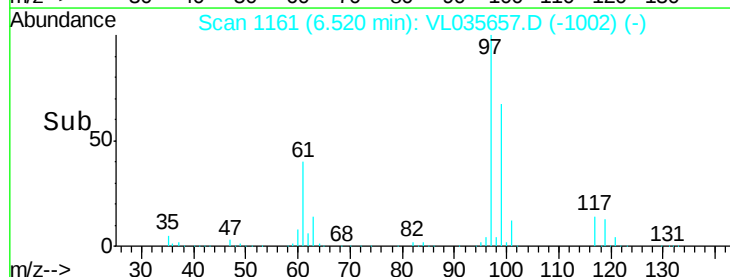
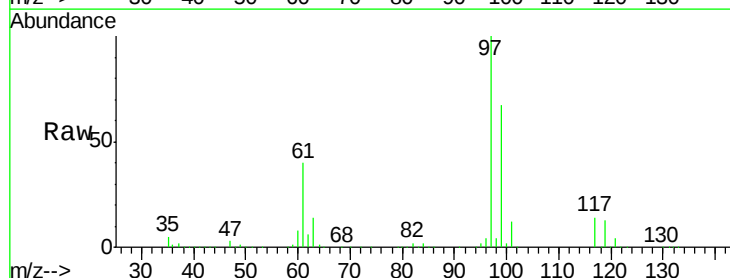
Tgt Ion: 97 Resp: 2361531

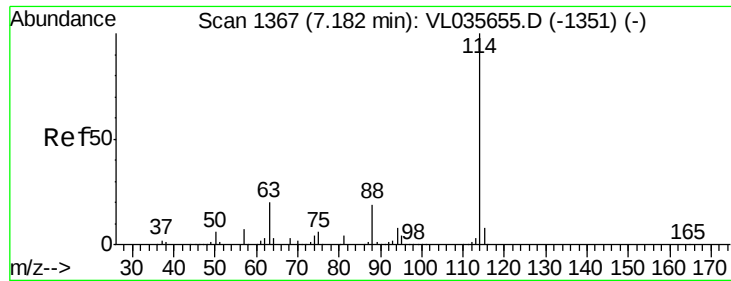
Ion Ratio Lower Upper

97 100

99 66.0 53.3 79.9

61 40.1 30.6 46.0





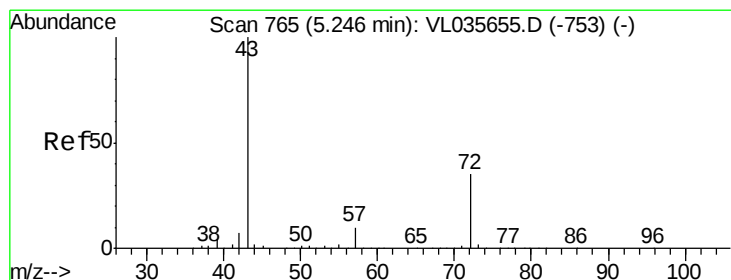
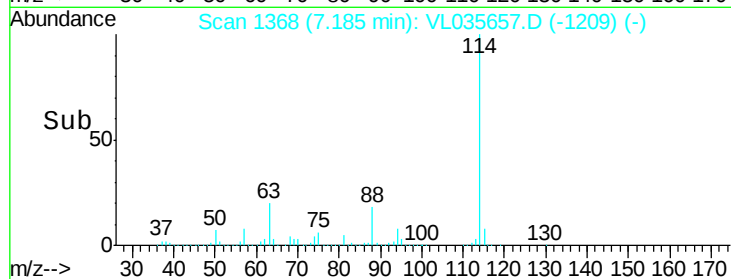
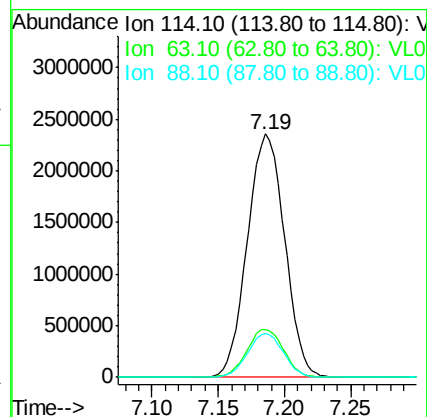
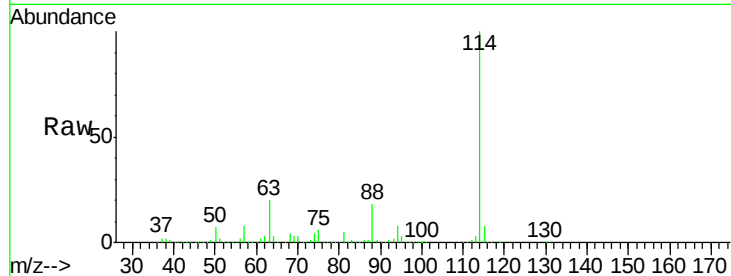
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion:114 Resp: 4613146
 Ion Ratio Lower Upper
 114 100
 63 19.6 14.7 22.1
 88 17.3 13.4 20.2

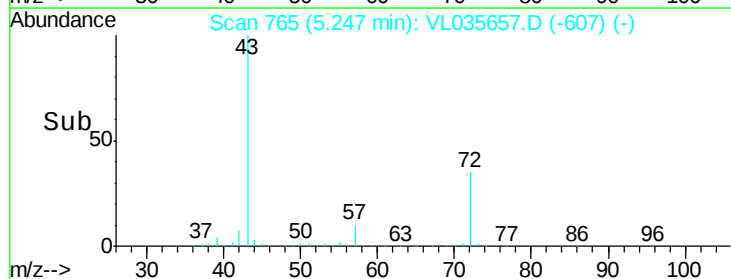
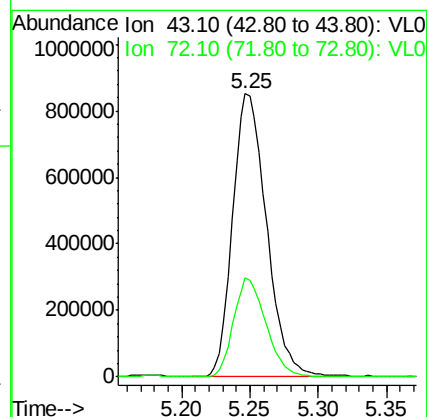
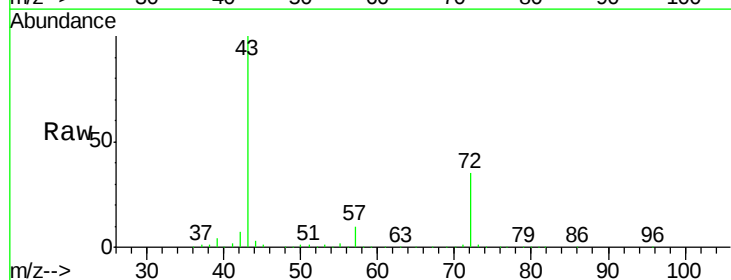
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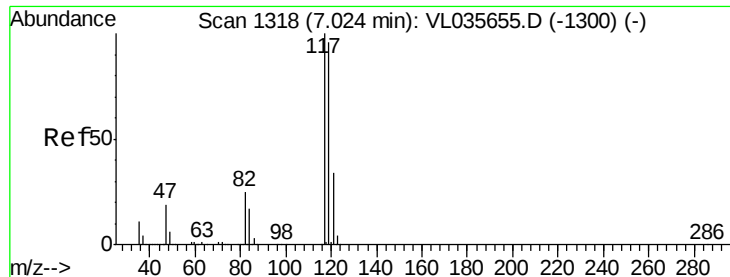
MMDadoda
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#34
 2-Butanone
 Concen: 10.738 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion: 43 Resp: 1470119
 Ion Ratio Lower Upper
 43 100
 72 33.8 27.7 41.5





#35

Carbon Tetrachloride

Concen: 10.587 ppbv

RT: 7.03 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion:117 Resp: 2454718

Ion Ratio Lower Upper

117 100

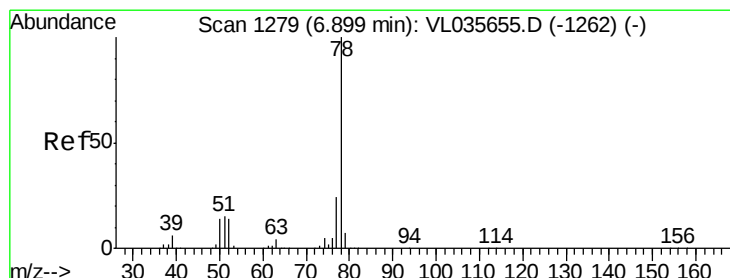
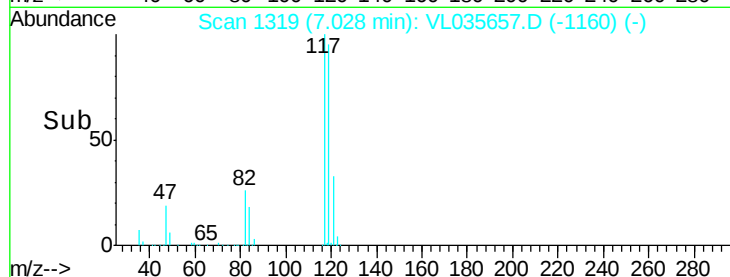
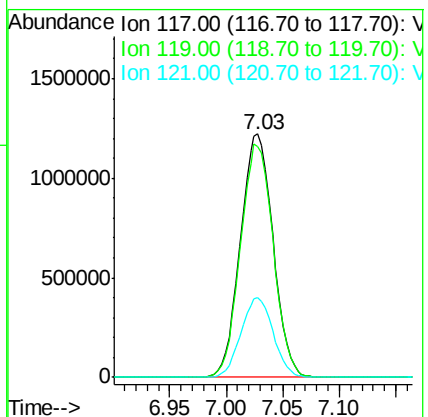
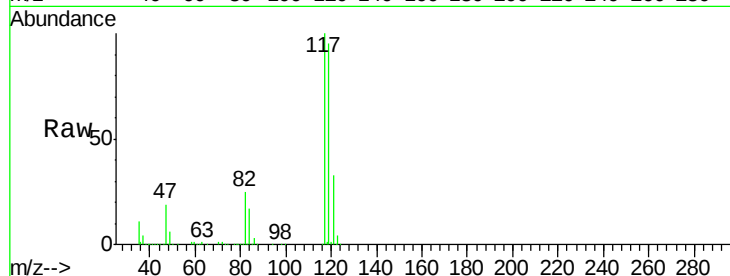
119 95.0 77.2 115.8

121 32.8 26.1 39.1

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#36

Benzene

Concen: 10.329 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

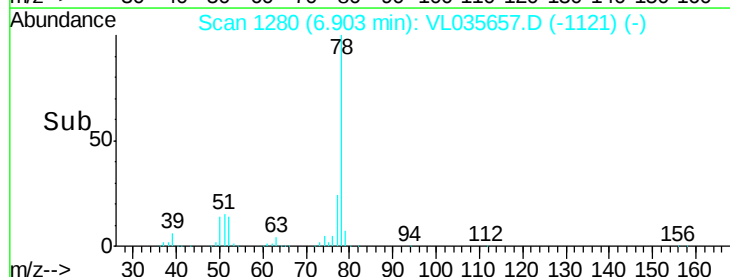
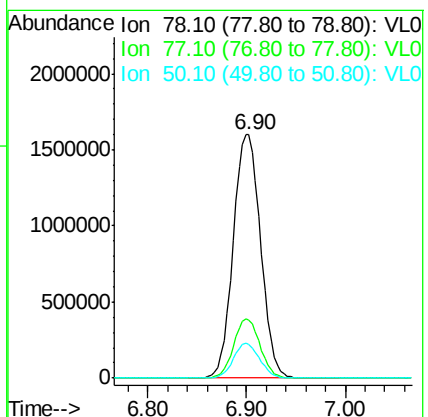
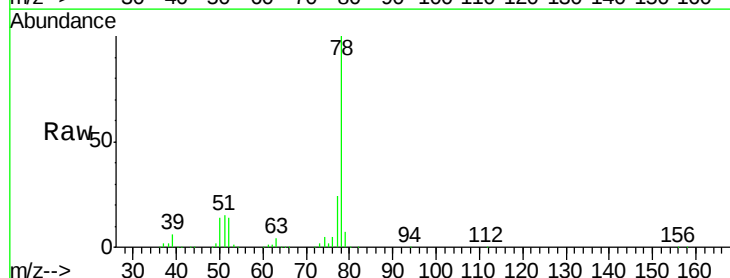
Tgt Ion: 78 Resp: 3084420

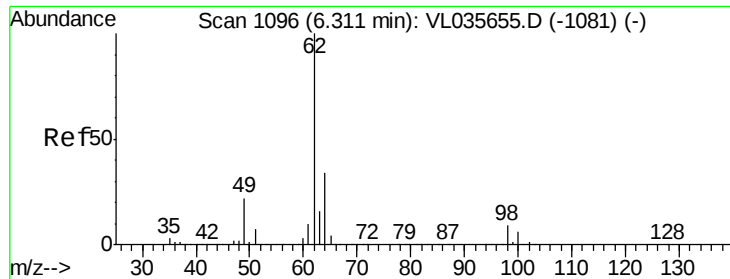
Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

50 14.1 11.0 16.6





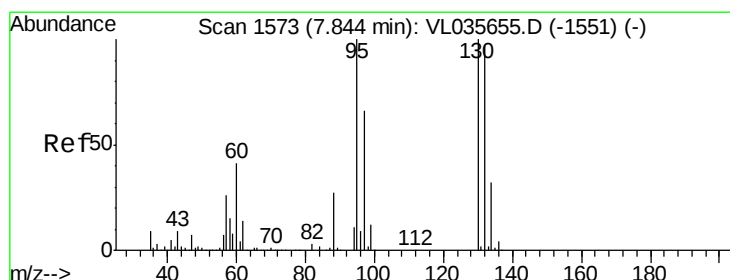
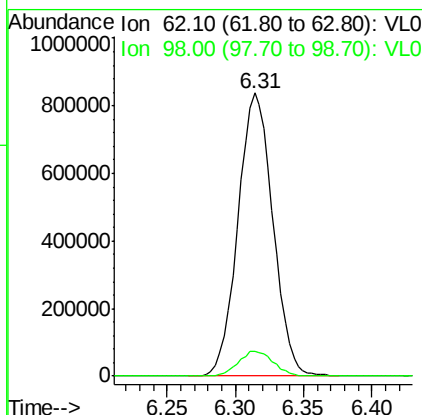
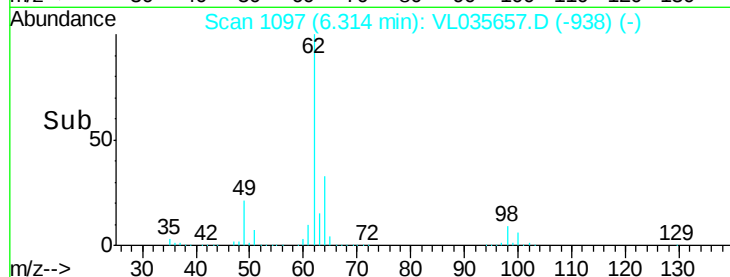
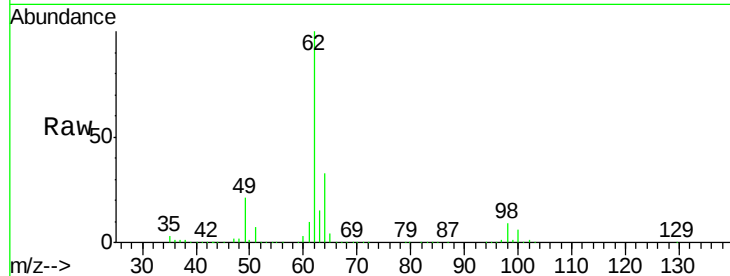
#37
 1,2-Dichloroethane
 Concen: 10.455 ppbv
 RT: 6.31 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion: 62 Resp: 1488479
 Ion Ratio Lower Upper
 62 100
 98 9.0 7.4 11.0

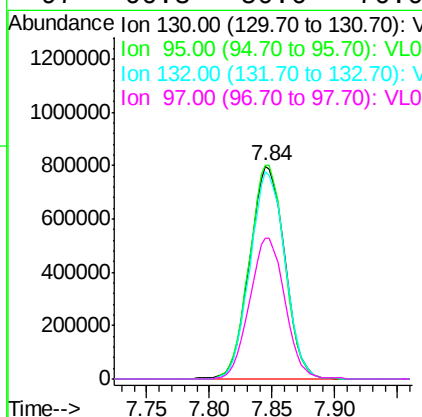
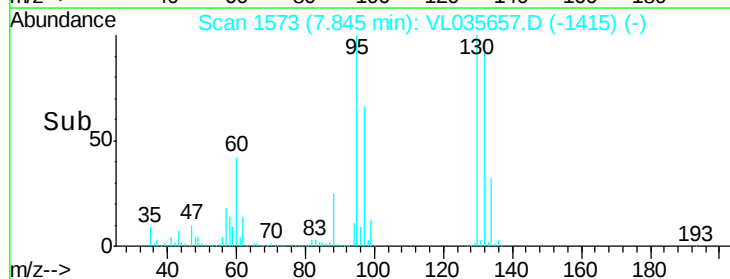
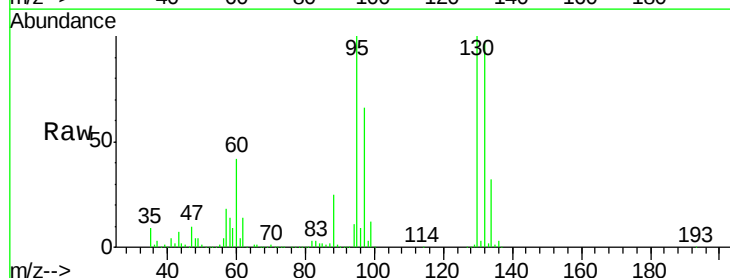
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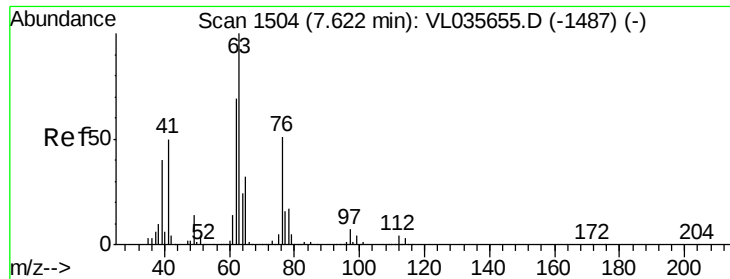
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#38
 Trichloroethene
 Concen: 8.967 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion:130 Resp: 1555391
 Ion Ratio Lower Upper
 130 100
 95 100.5 74.6 112.0
 132 97.9 77.6 116.4
 97 66.3 50.6 76.0





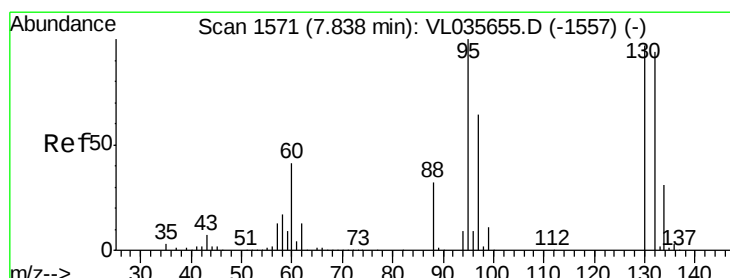
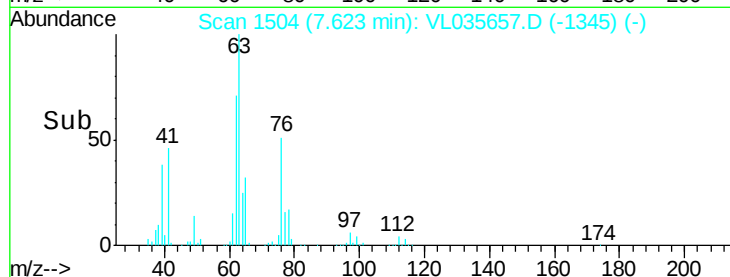
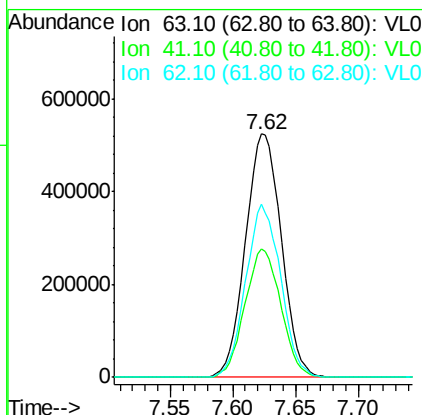
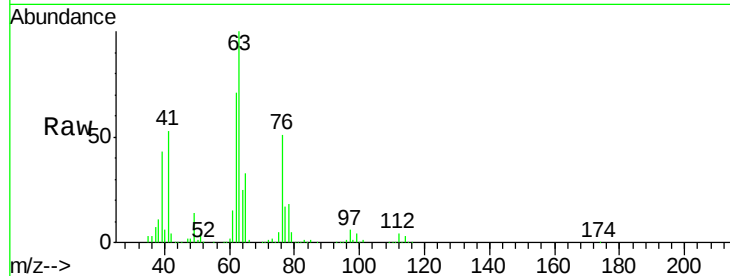
#39
 1,2-Dichloropropane
 Concen: 10.400 ppbv
 RT: 7.62 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion	Ratio	Lower	Upper
63	100		
41	53.0	40.0	60.0
62	71.3	55.4	83.0

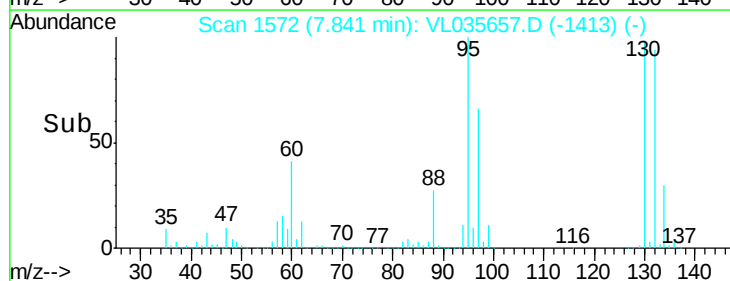
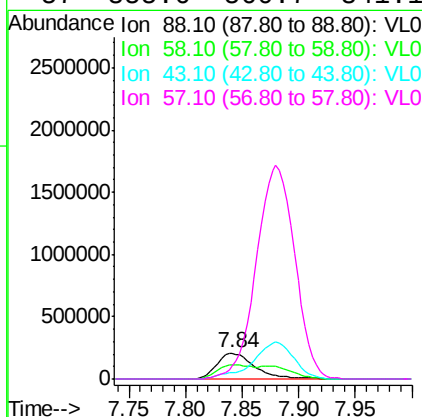
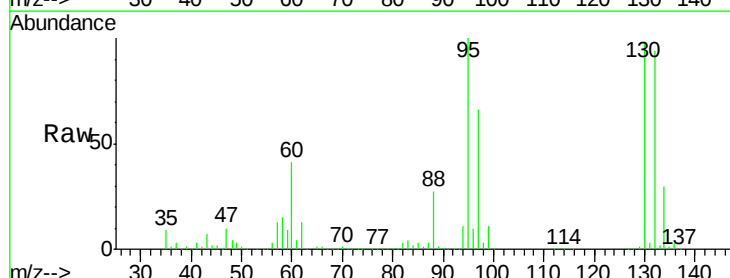
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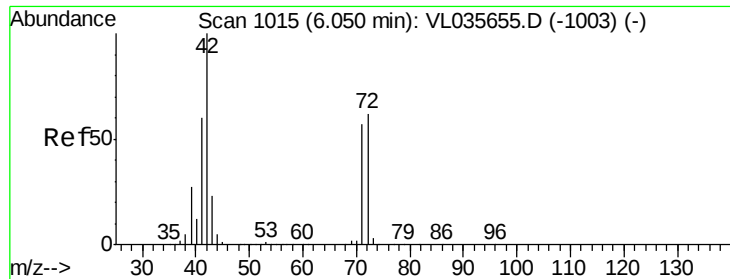
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#40
 1,4-Dioxane
 Concen: 9.408 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.2	68.7	103.1
43	156.8	104.3	156.5#
57	855.6	560.7	841.1#





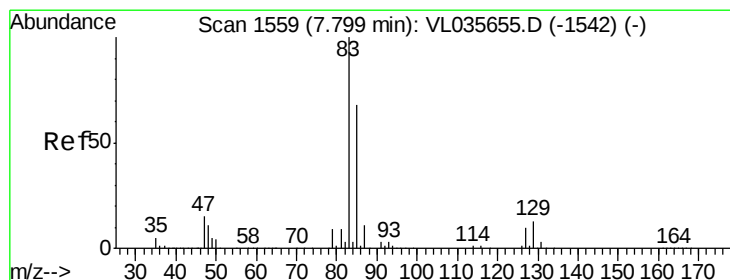
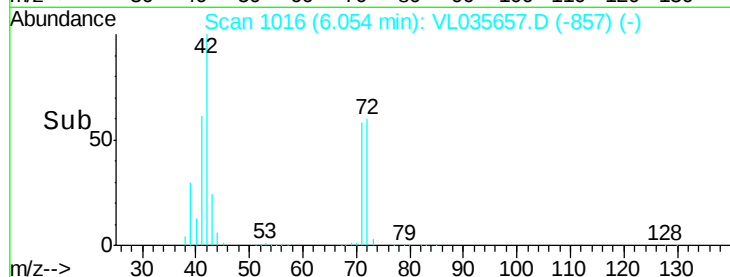
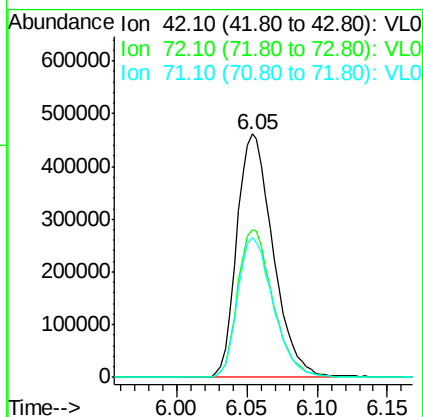
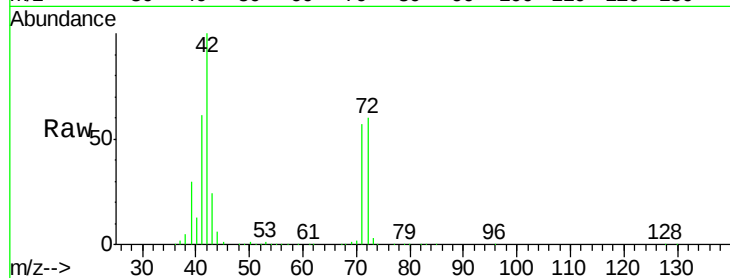
#41
Tetrahydrofuran
Concen: 11.407 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	59.9	48.6	73.0
71	56.9	46.1	69.1

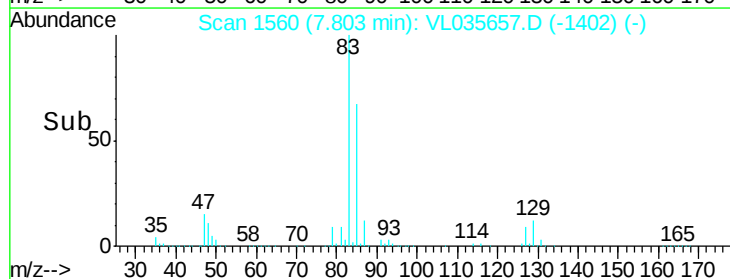
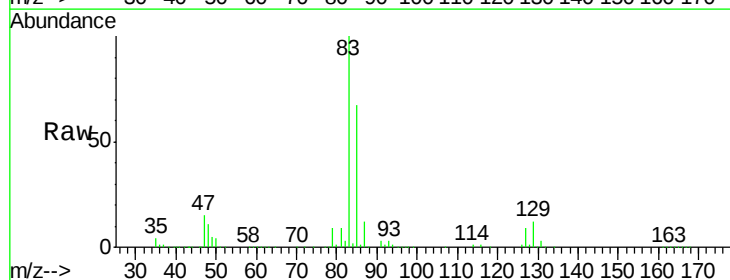
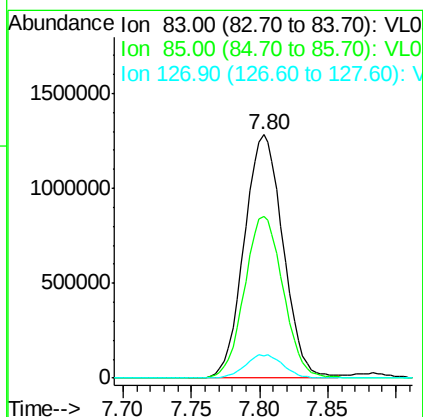
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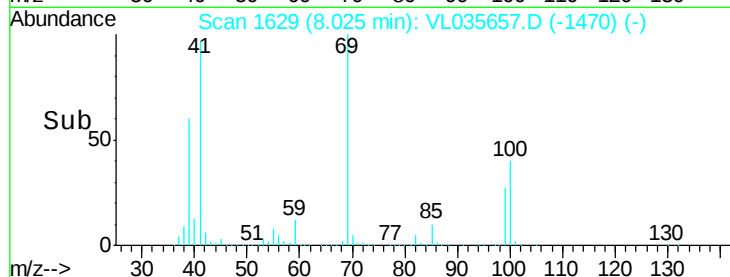
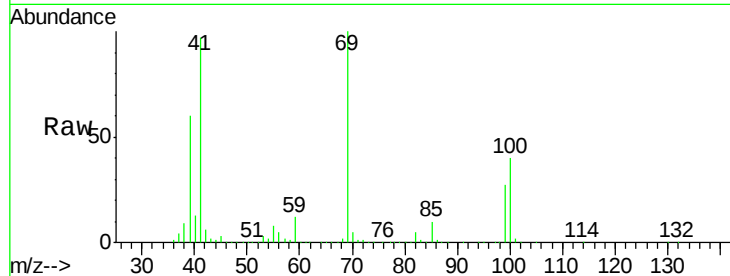
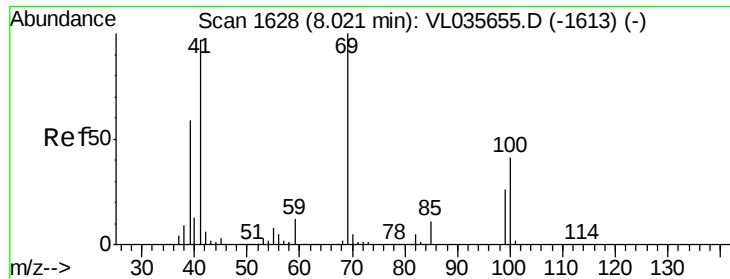
MMDadoda
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#42
Bromodichloromethane
Concen: 11.015 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.7	80.5
127	9.4	8.1	12.1





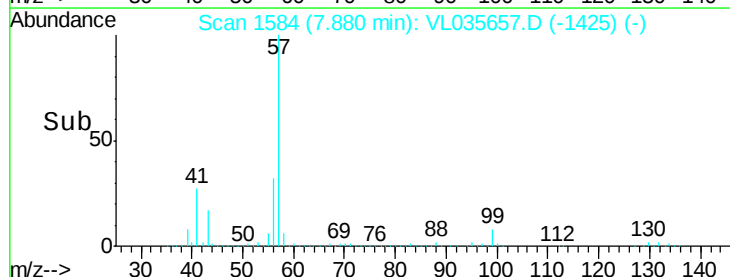
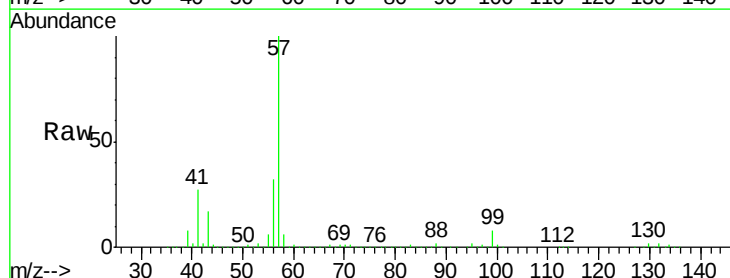
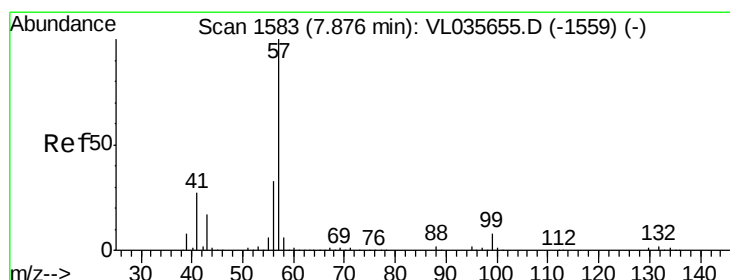
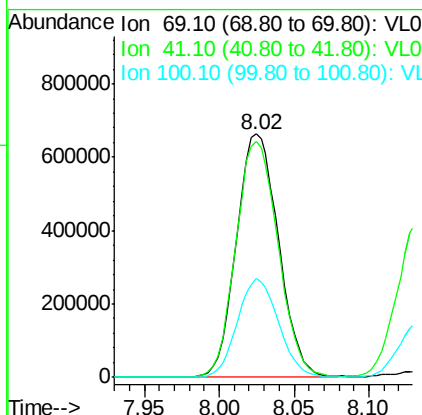
#43
Methvl Methacrilate
Concen: 11.257 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tot Ion: 69 Resp: 1299770
Ion Ratio Lower Upper
69 100
41 97.6 76.6 114.8
100 39.6 33.8 50.6

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

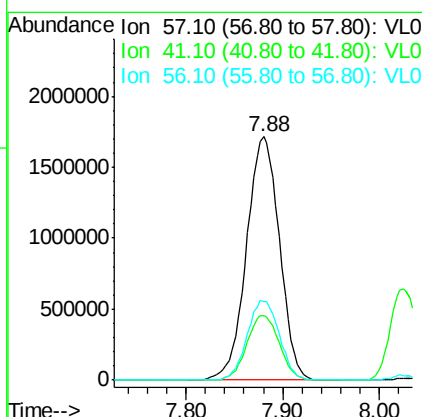
Manual Integrations
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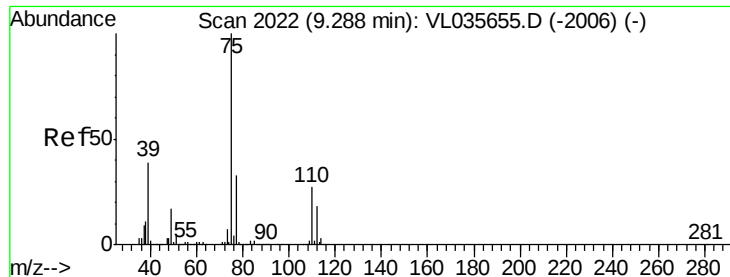
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#44
2,2,4-Trimethylpentane
Concen: 10.319 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion: 57 Resp: 4054448
Ion Ratio Lower Upper
57 100
41 26.1 20.5 30.7
56 31.9 25.3 37.9





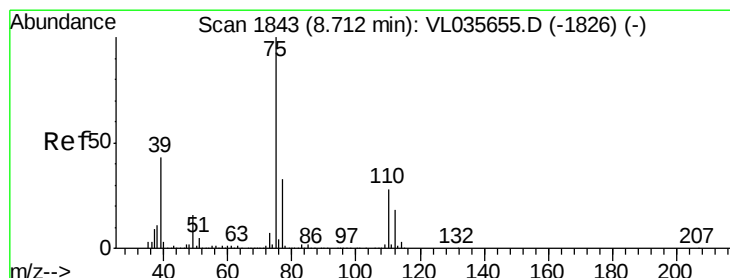
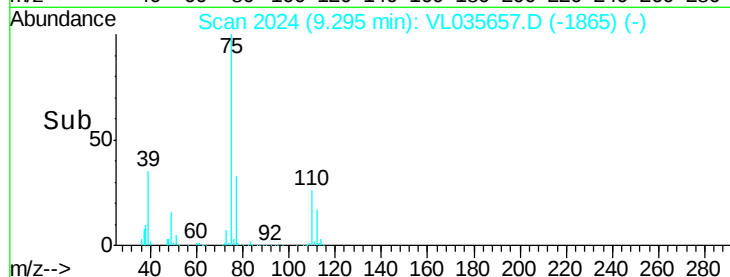
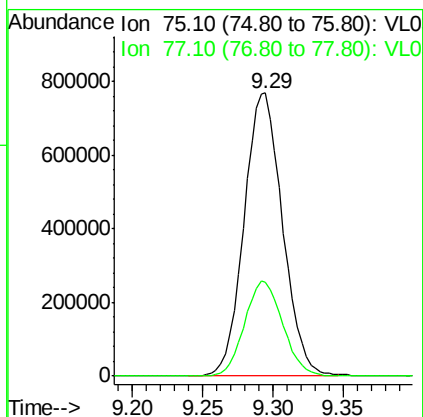
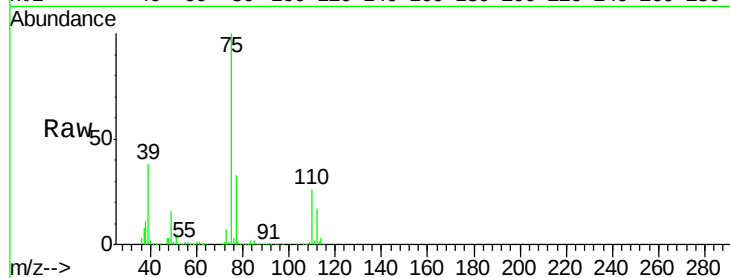
#45
t-1,3-Dichloropropene
Concen: 12.543 ppbv
RT: 9.29 min Scan# 2024
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion: 75 Resp: 1467179
Ion Ratio Lower Upper
75 100
77 33.4 26.5 39.7

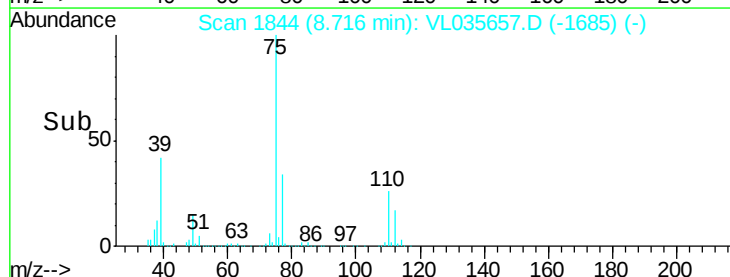
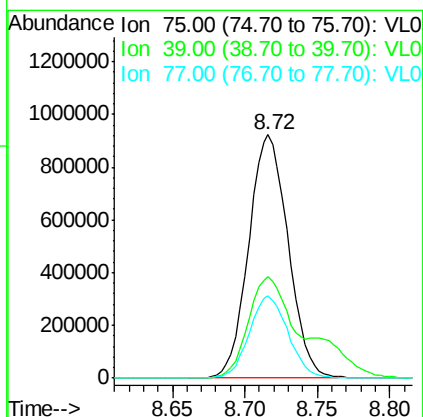
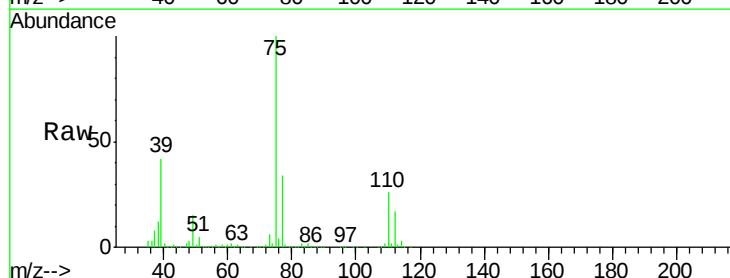
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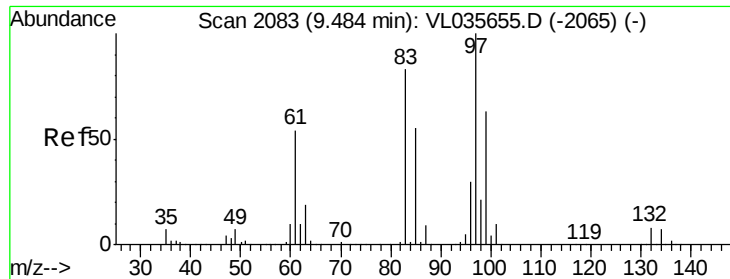
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#46
cis-1,3-Dichloropropene
Concen: 12.016 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion: 75 Resp: 1745086
Ion Ratio Lower Upper
75 100
39 41.8 33.7 50.5
77 33.7 27.8 41.6





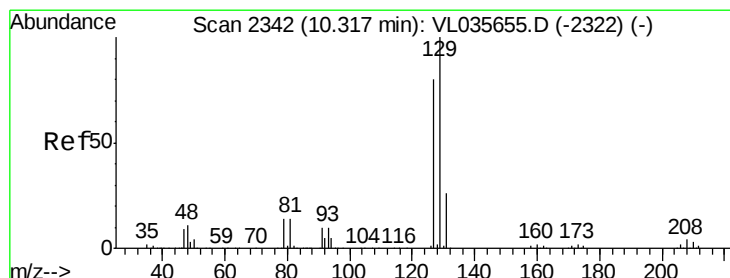
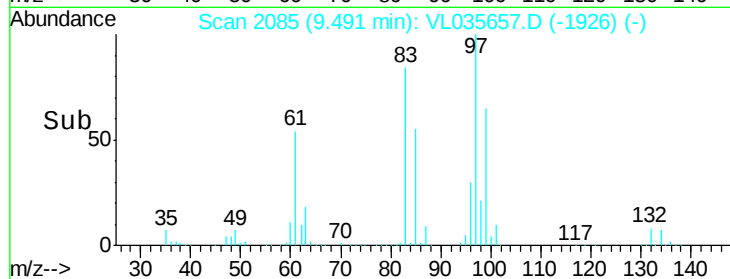
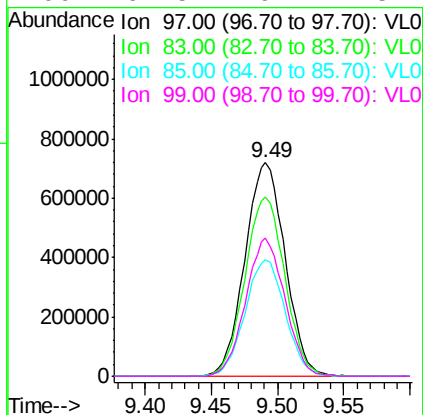
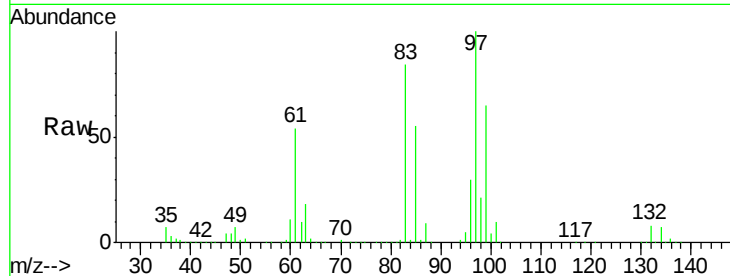
#47
 1,1,2-Trichloroethane
 Concen: 10.176 ppbv
 RT: 9.49 min Scan# 2085
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.4	98.2
85	54.6	43.7	65.5
99	64.5	49.1	73.7

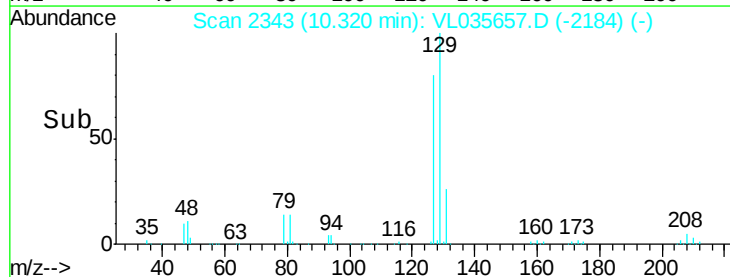
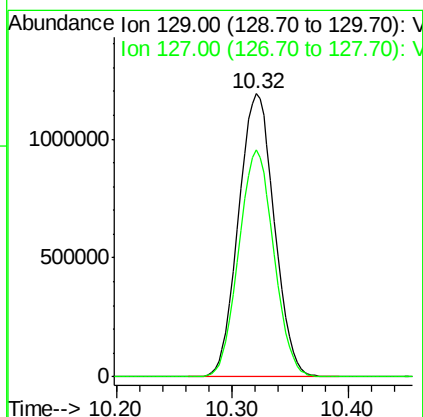
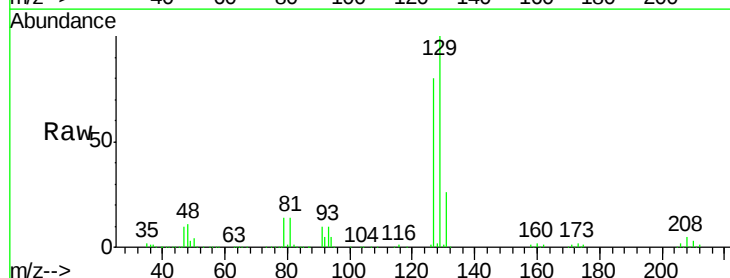
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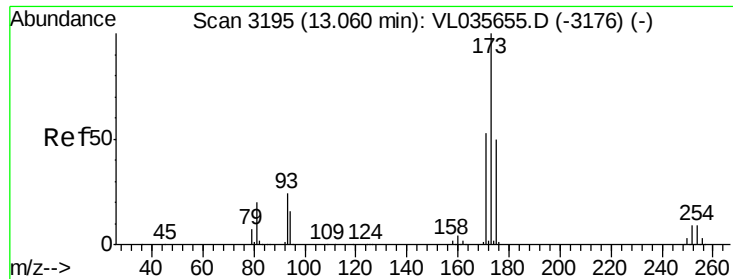
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#48
 Dibromochloromethane
 Concen: 10.924 ppbv
 RT: 10.32 min Scan# 2343
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.3	117.8





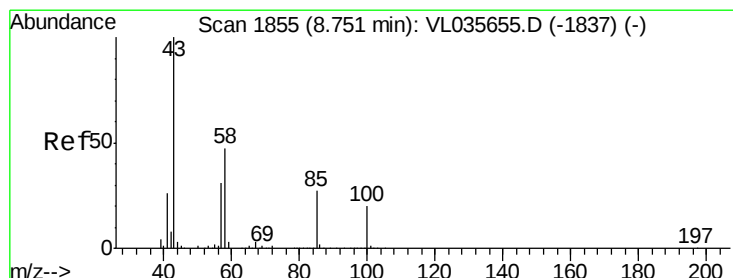
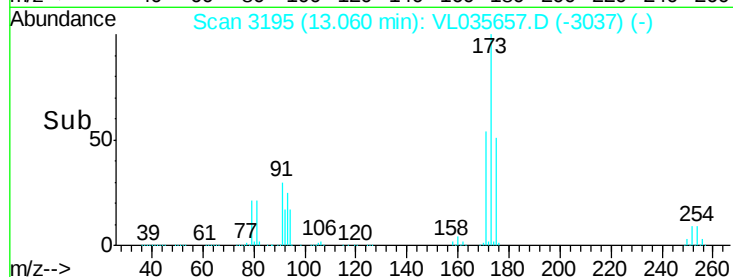
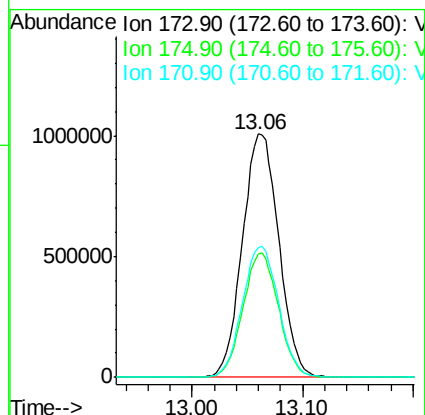
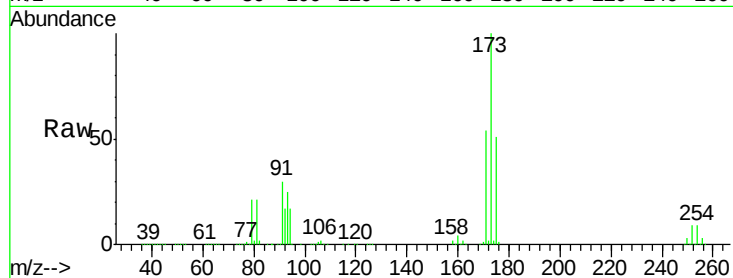
#49
Bromoform
Concen: 10.865 ppbv
RT: 13.06 min Scan# 3195
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion:173 Resp: 2306746
Ion Ratio Lower Upper
173 100
175 49.8 39.8 59.8
171 53.6 42.4 63.6

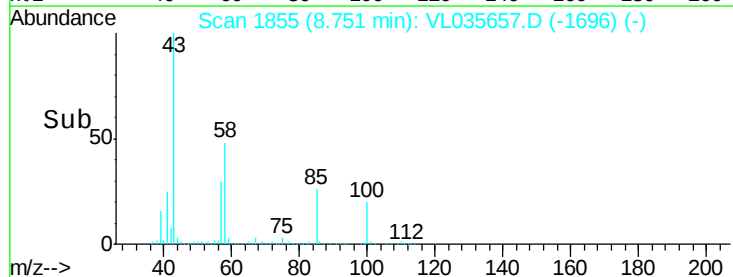
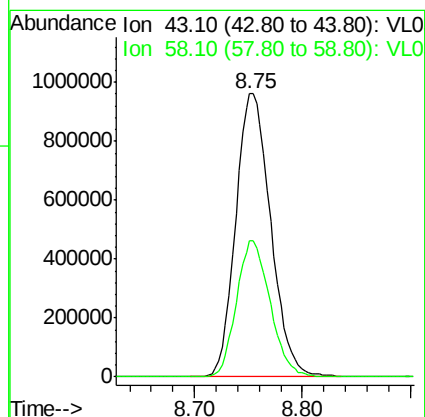
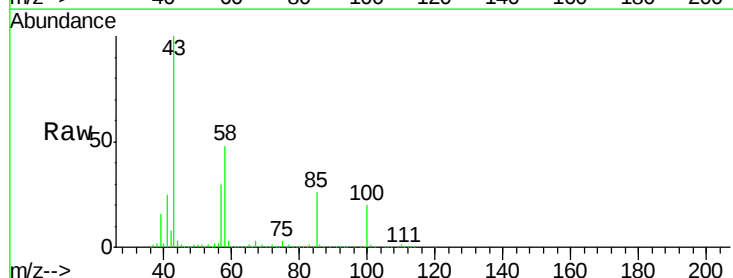
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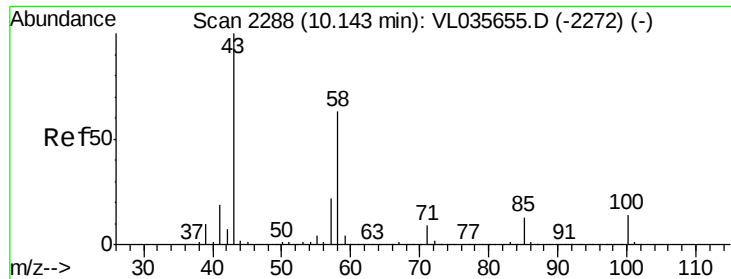
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#50
4-Methyl-2-Pentanone
Concen: 10.947 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion: 43 Resp: 2170133
Ion Ratio Lower Upper
43 100
58 46.5 37.4 56.0





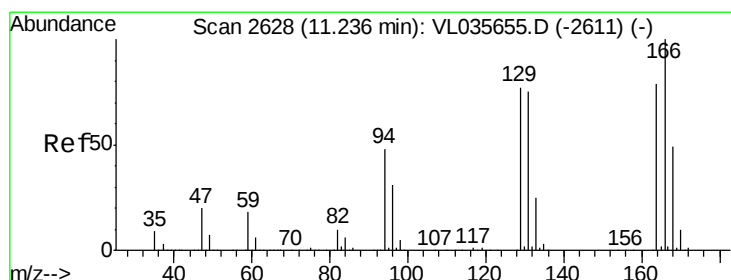
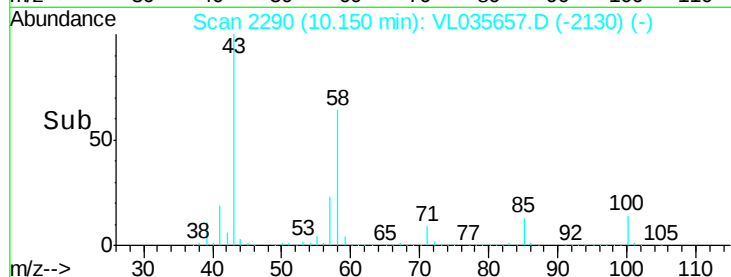
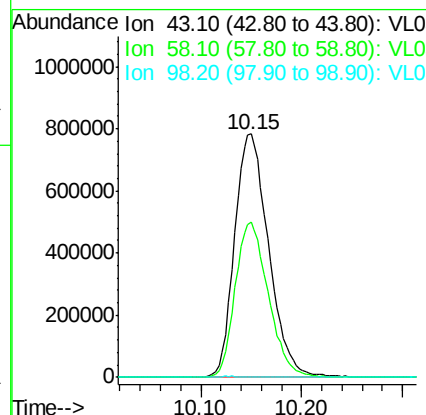
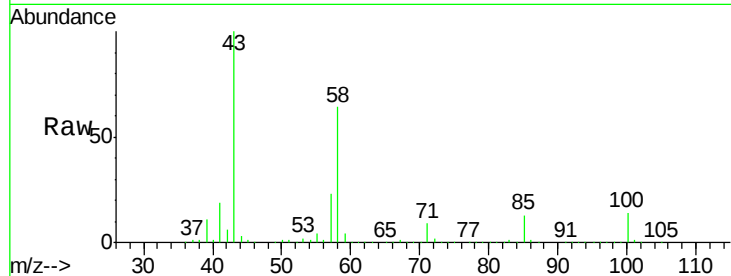
#51
2-Hexanone
Concen: 11.301 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion: 43 Resp: 1837798
Ion Ratio Lower Upper
43 100
58 62.2 50.2 75.4
98 0.6 0.4 0.6#

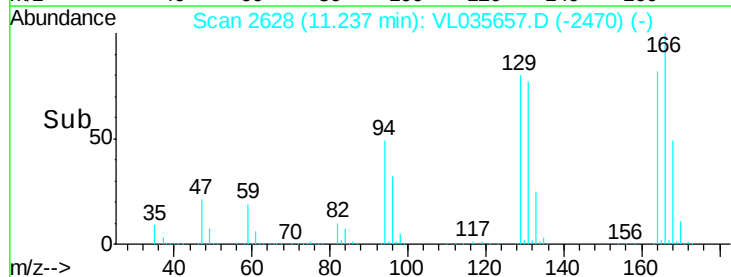
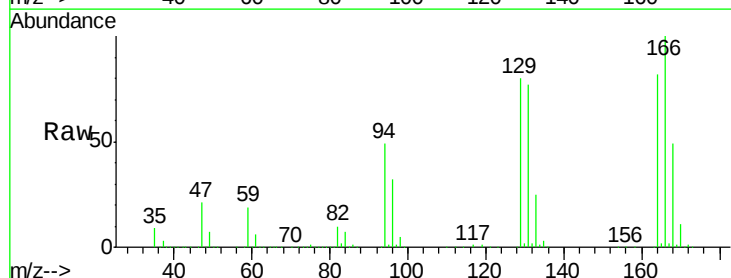
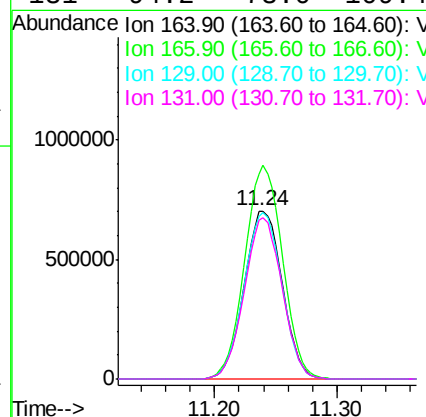
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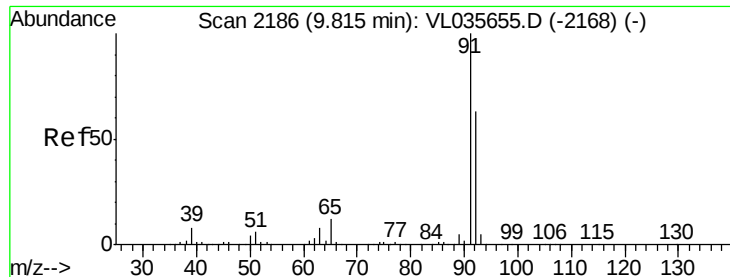
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#52
Tetrachloroethene
Concen: 8.669 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion: 164 Resp: 1512323
Ion Ratio Lower Upper
164 100
166 121.6 100.9 151.3
129 96.9 75.3 112.9
131 94.2 73.0 109.4





#53

Toluene

Concen: 10.388 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 91 Resp: 3900948

Ion Ratio Lower Upper

91 100

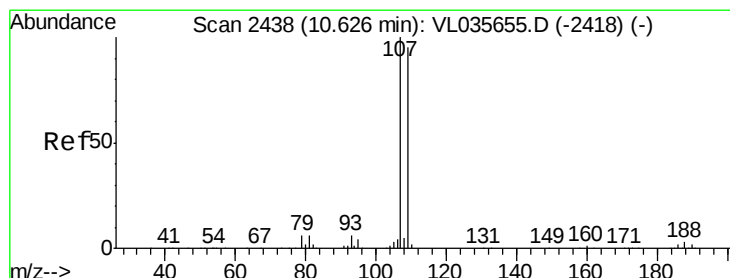
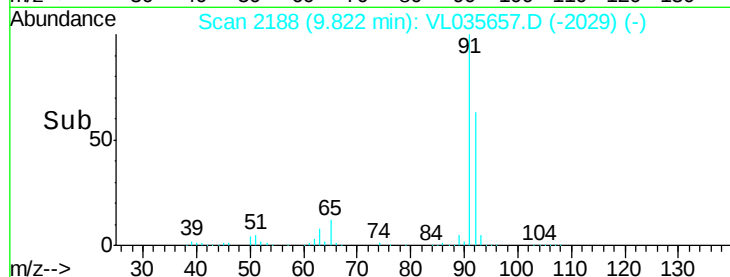
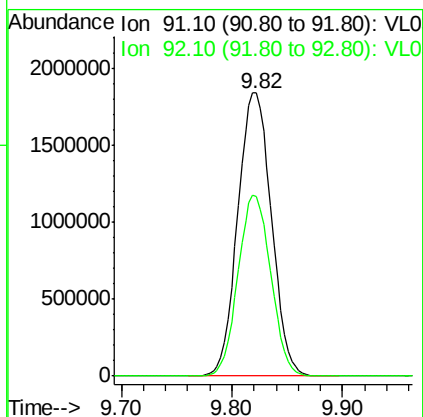
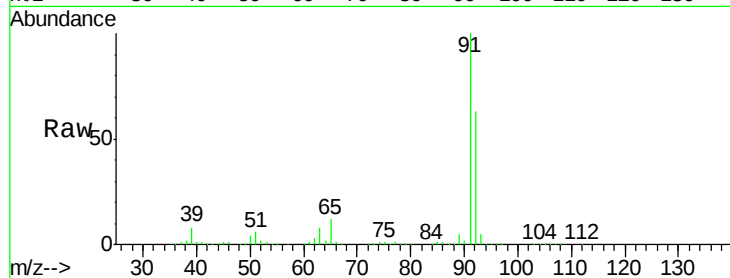
92 62.3 49.8 74.8

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#54

1,2-Dibromoethane

Concen: 10.166 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.01 min

Lab File: VL035657.D

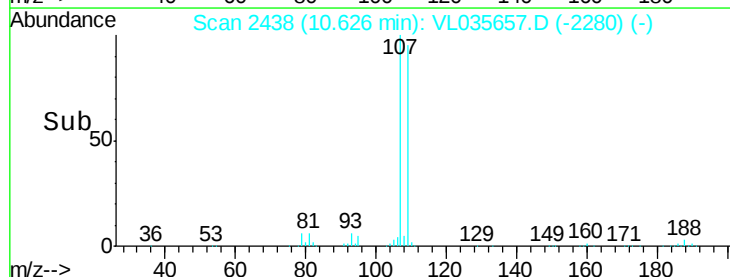
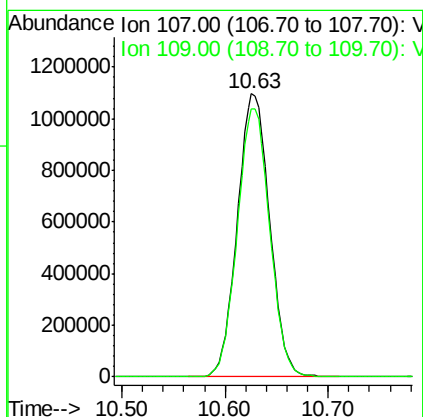
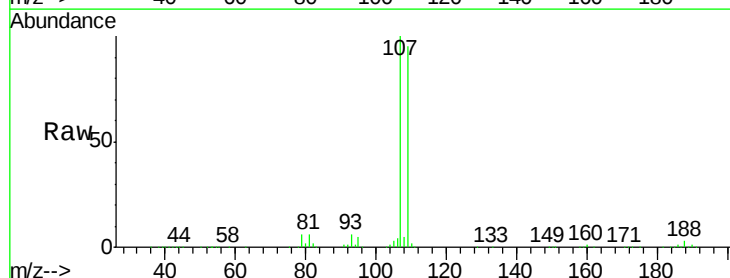
Acq: 17 Sep 2020 14:26

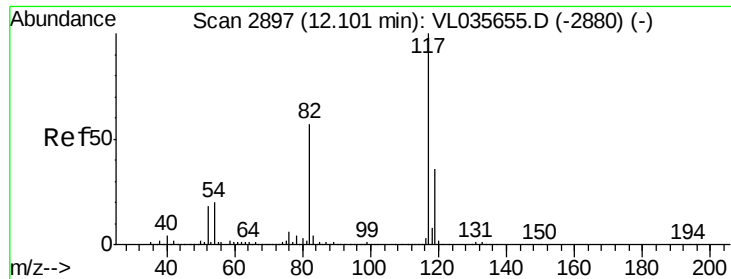
Tgt Ion: 107 Resp: 2390938

Ion Ratio Lower Upper

107 100

109 94.7 77.8 116.8





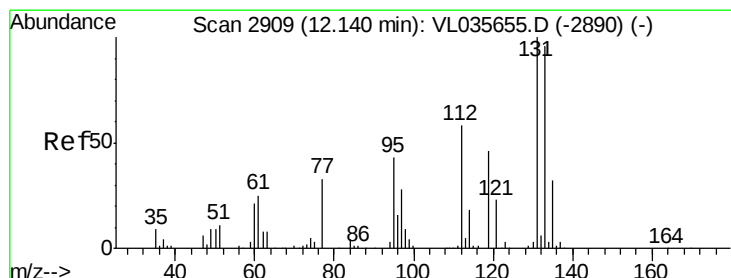
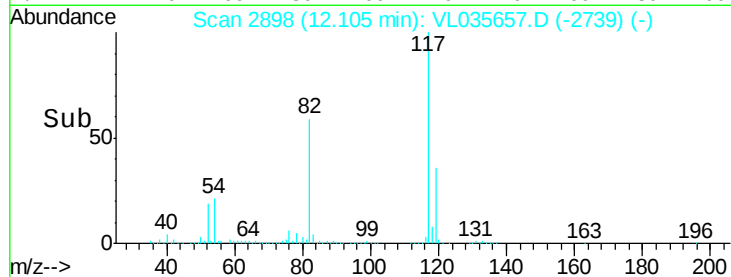
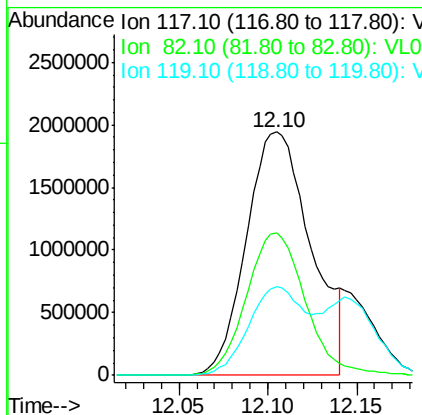
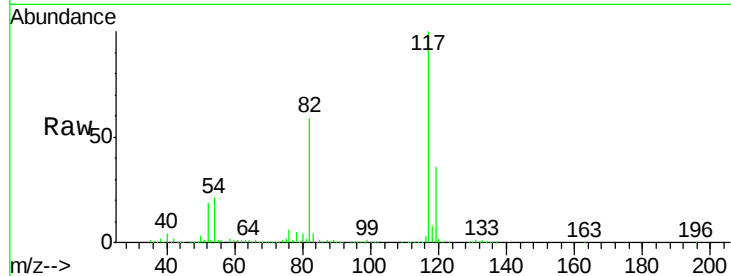
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10 min Scan# 2898
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion:117 Resp: 491533
Ion Ratio Lower Upper
117 100
82 53.7 41.6 62.4
119 34.8 29.3 43.9

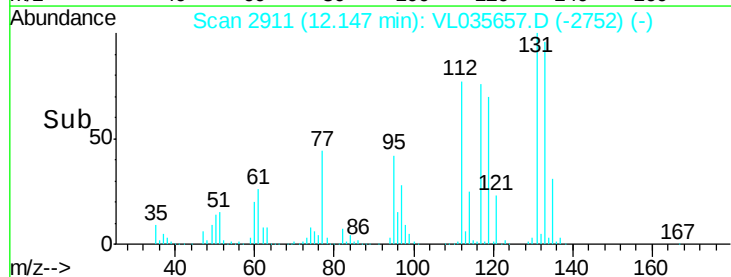
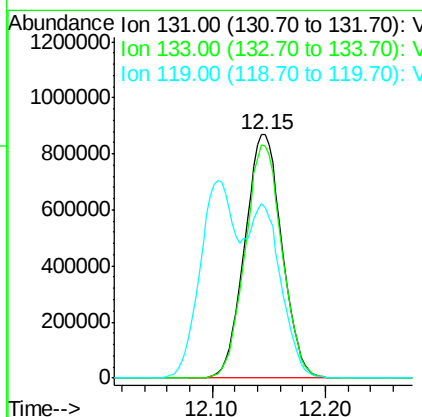
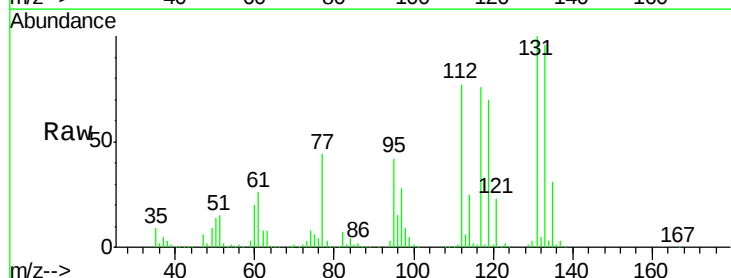
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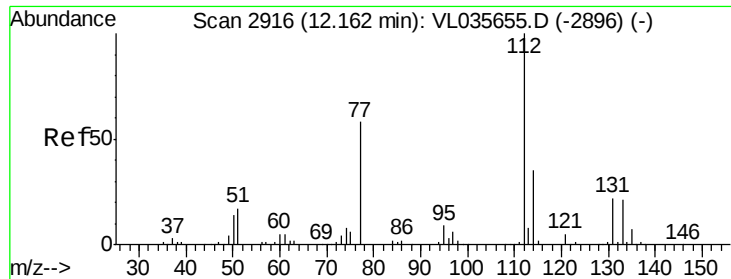
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.906 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion:131 Resp: 1981347
Ion Ratio Lower Upper
131 100
133 95.6 76.6 115.0
119 62.3 51.6 77.4





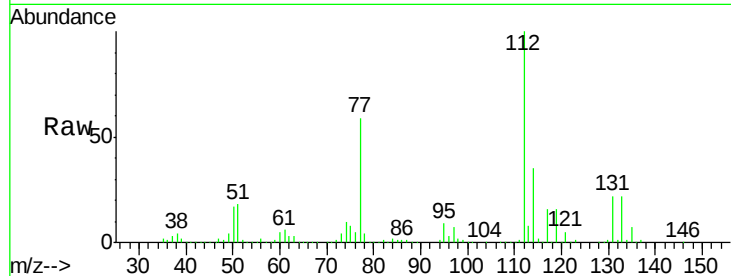
#57
Chlorobenzene
Concen: 9.140 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

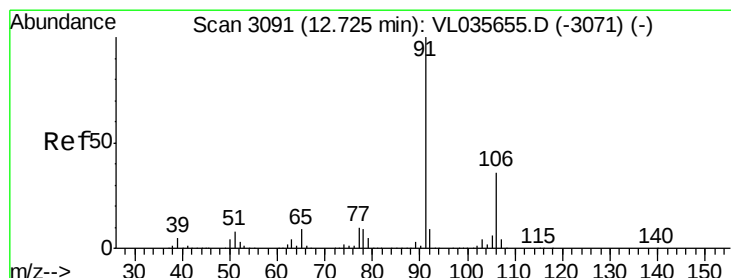
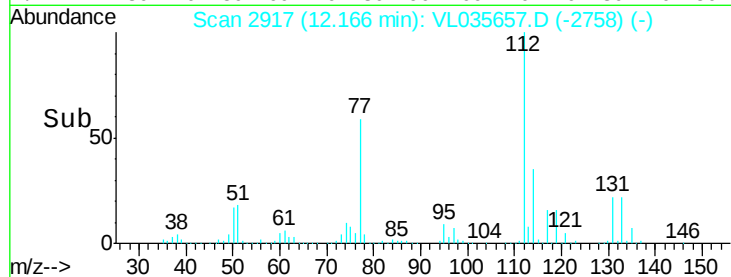
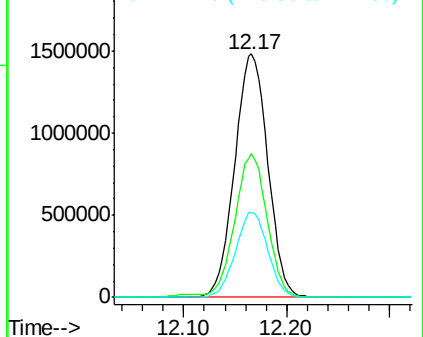
Tot Ion	Ratio	Lower	Upper
112	100		
77	59.0	44.2	66.4
114	34.7	31.6	38.6

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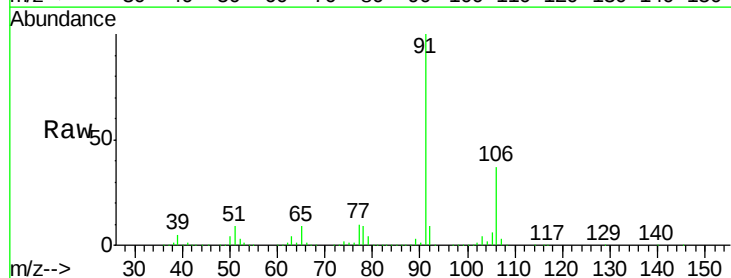


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

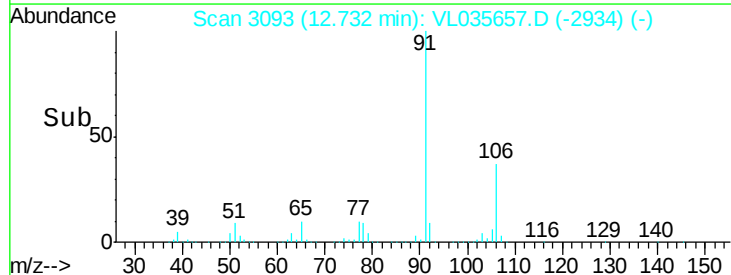
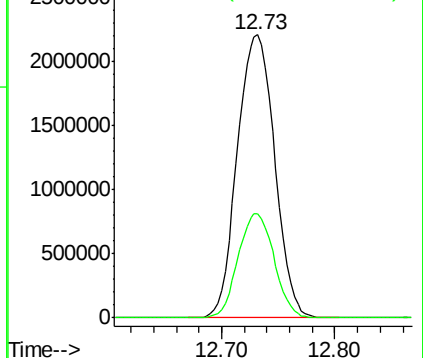


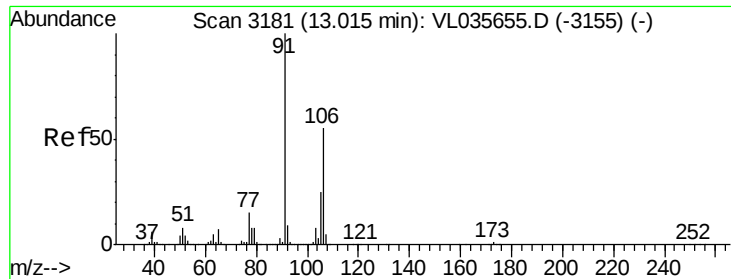
#58
Ethyl Benzene
Concen: 10.001 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion	Ratio	Lower	Upper
91	100		
106	36.7	30.3	45.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 19.866 ppbv m

RT: 13.01 min Scan# 3181

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 91 Resp: 8414285

Ion Ratio Lower Upper

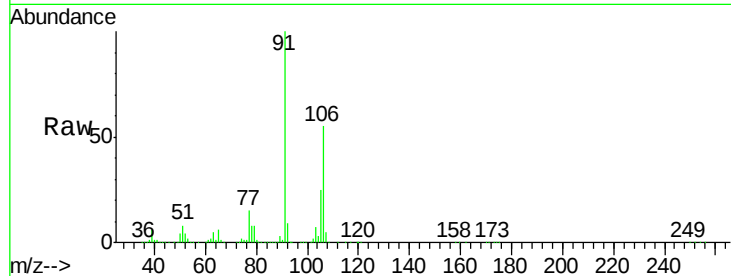
91 100

106 51.9 43.4 65.2

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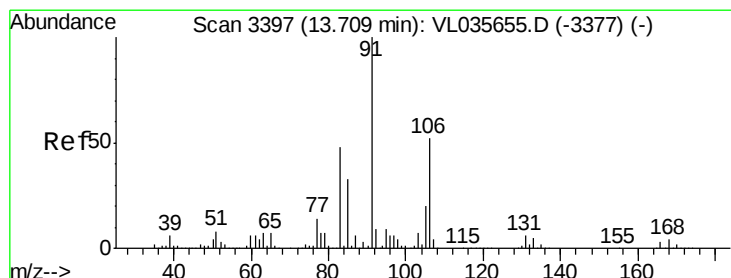
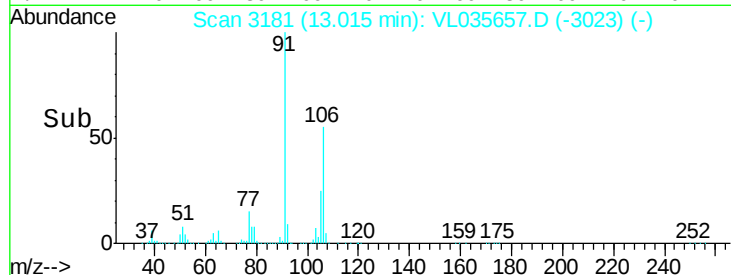
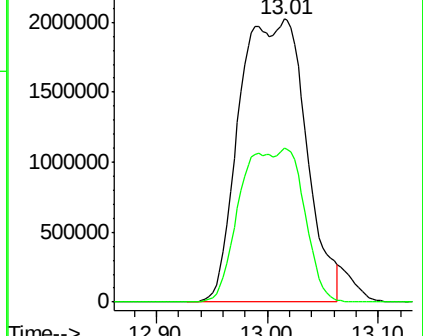
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 9.875 ppbv

RT: 13.72 min Scan# 3399

Delta R.T. 0.01 min

Lab File: VL035657.D

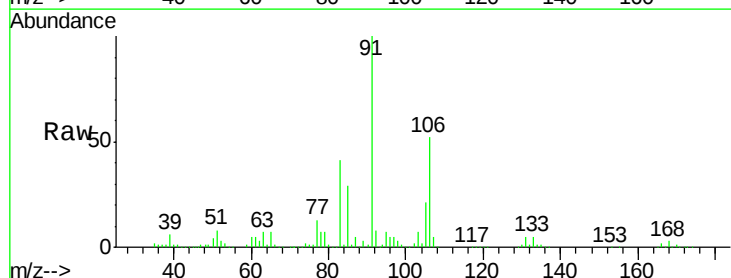
Acq: 17 Sep 2020 14:26

Tgt Ion: 91 Resp: 4212669

Ion Ratio Lower Upper

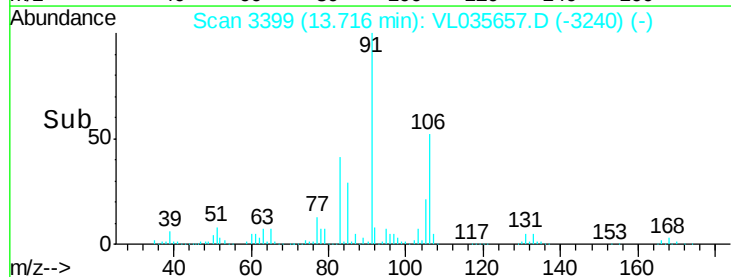
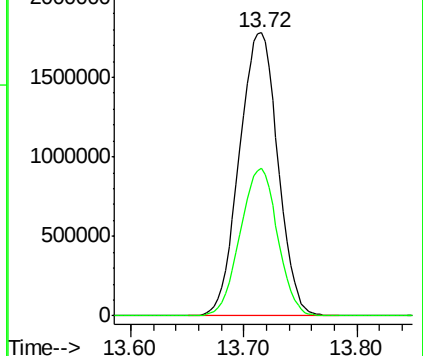
91 100

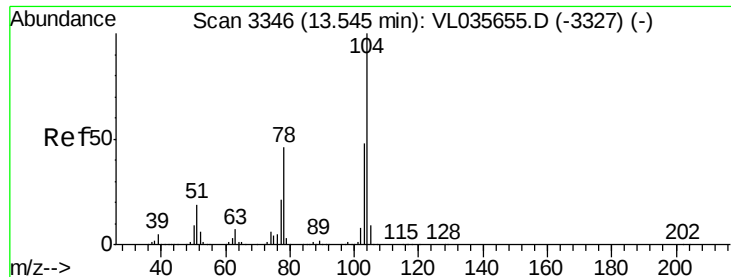
106 50.7 25.8 77.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 10.400 ppbv

RT: 13.55 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion:104 Resp: 3393230

Ion Ratio Lower Upper

104 100

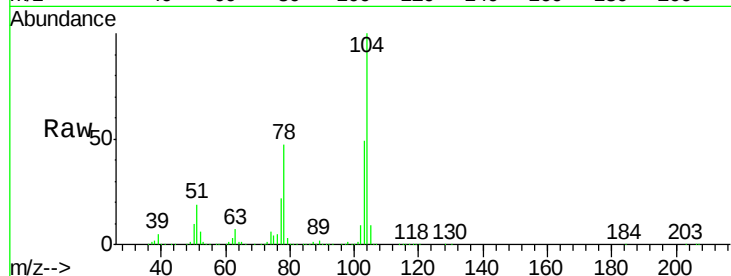
78 45.4 34.8 52.2

103 47.5 38.2 57.4

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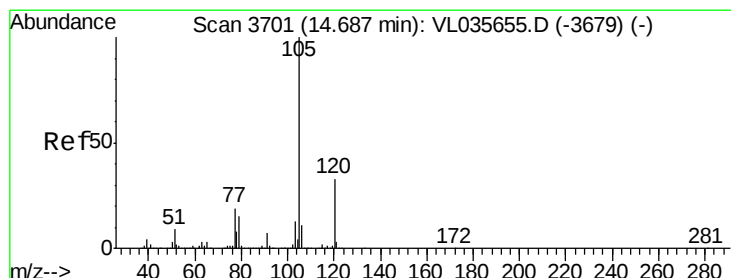
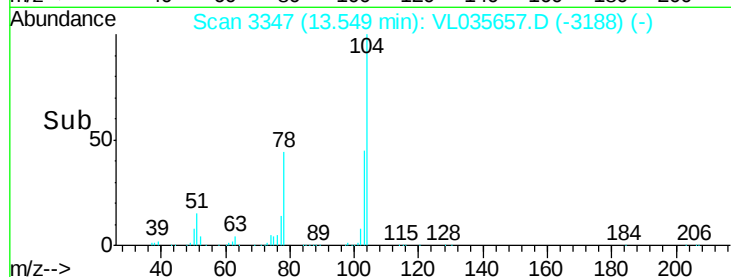
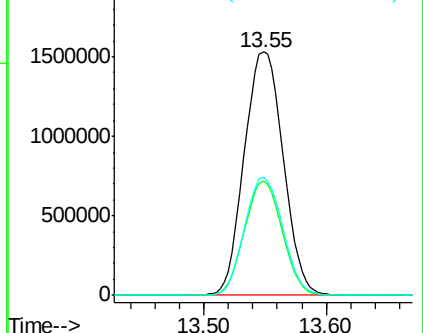
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Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.369 ppbv

RT: 14.69 min Scan# 3702

Delta R.T. 0.01 min

Lab File: VL035657.D

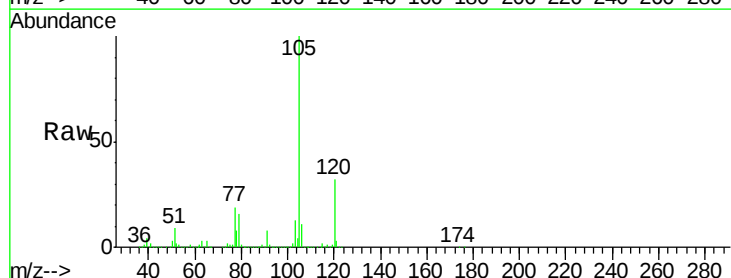
Acq: 17 Sep 2020 14:26

Tgt Ion:105 Resp: 6420207

Ion Ratio Lower Upper

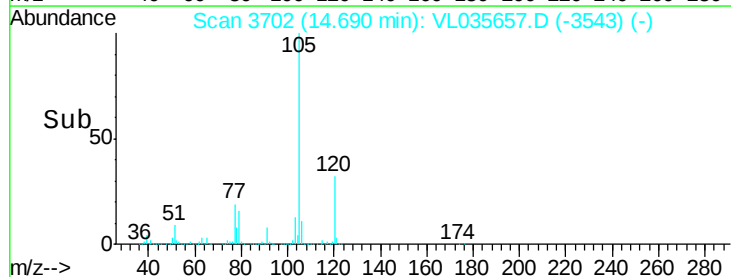
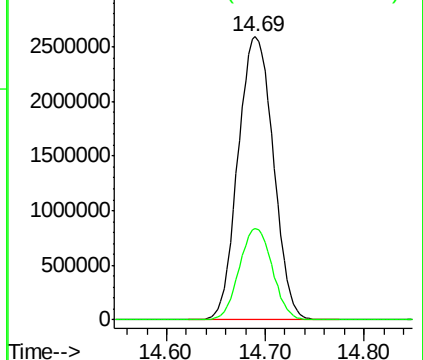
105 100

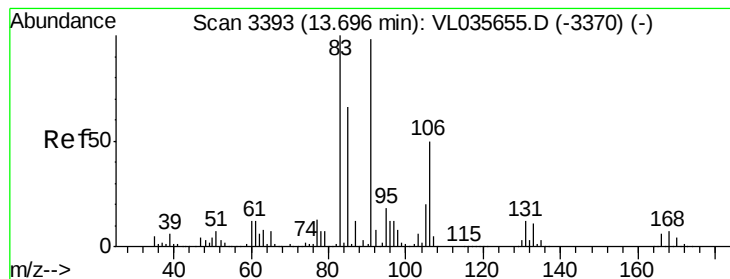
120 30.3 25.0 37.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 9.246 ppbv

RT: 13.70 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VL035657.D

Acq: 17 Sep 2020 14:26

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 83 Resp: 3057841

Ion Ratio Lower Upper

83 100

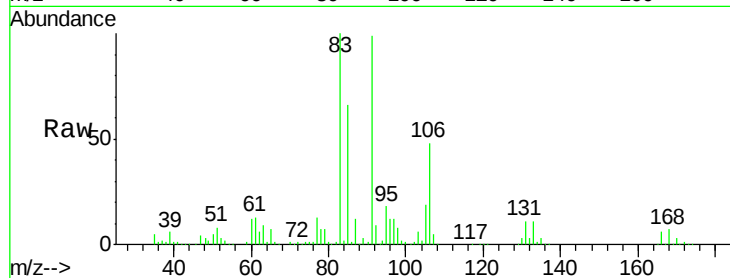
131 11.0 6.0 18.0

85 66.9 33.4 100.2

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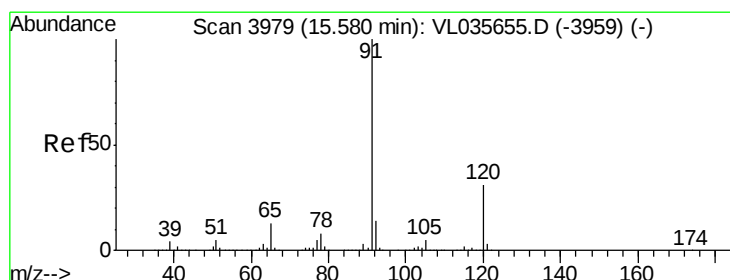
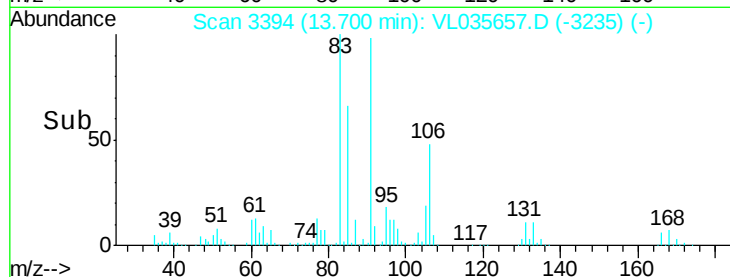
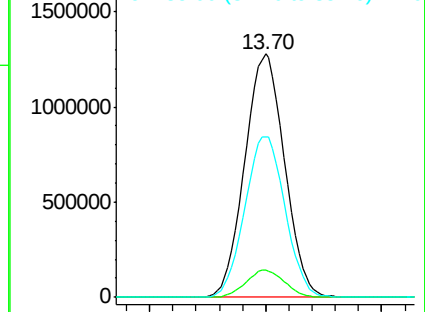
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Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 9.561 ppbv

RT: 15.59 min Scan# 3981

Delta R.T. 0.01 min

Lab File: VL035657.D

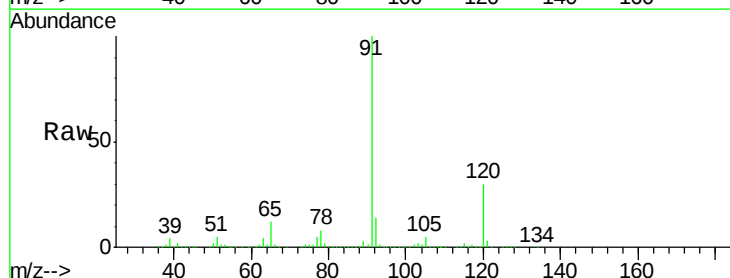
Acq: 17 Sep 2020 14:26

Tgt Ion: 120 Resp: 1999311

Ion Ratio Lower Upper

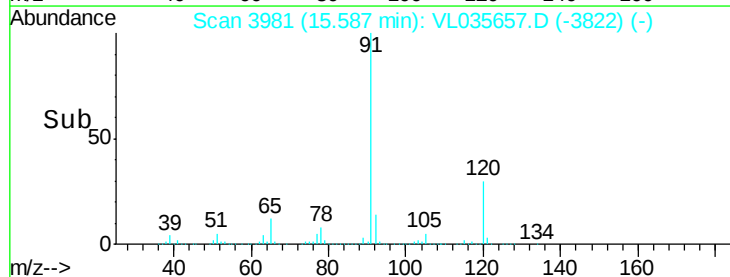
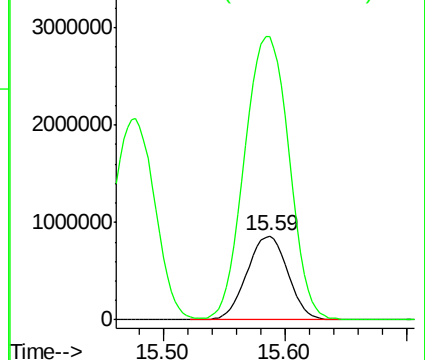
120 100

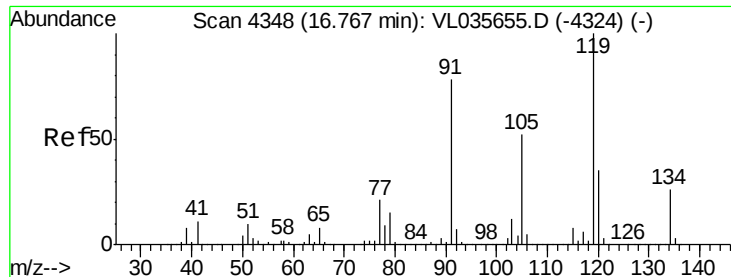
91 369.0 279.4 419.0



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





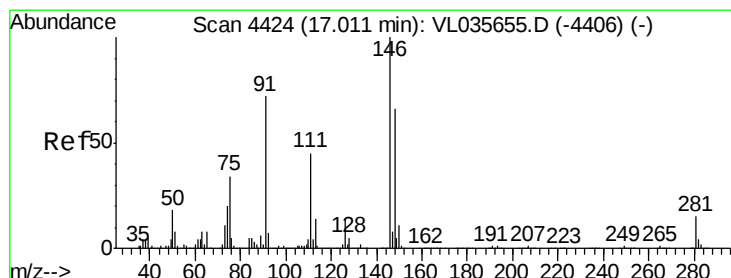
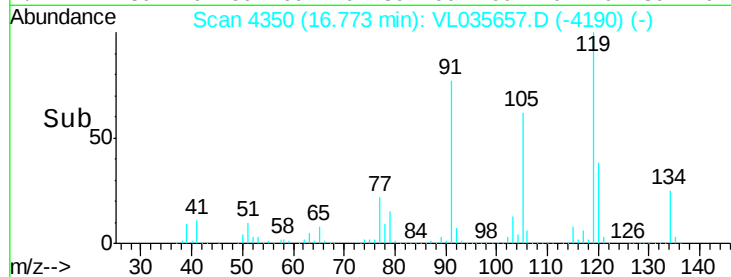
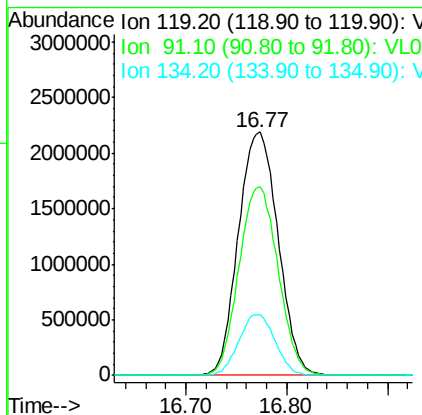
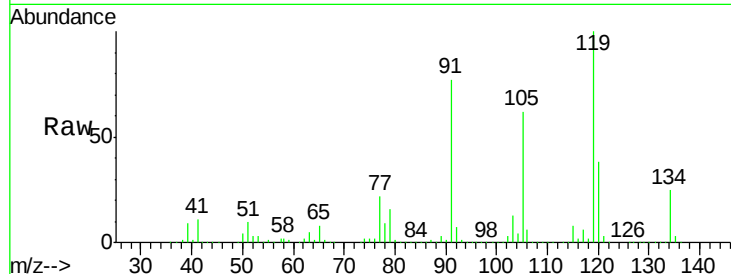
#65
 tert-Butylbenzene
 Concen: 9.394 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	76.5	58.6	87.8
134	22.8	18.9	28.3

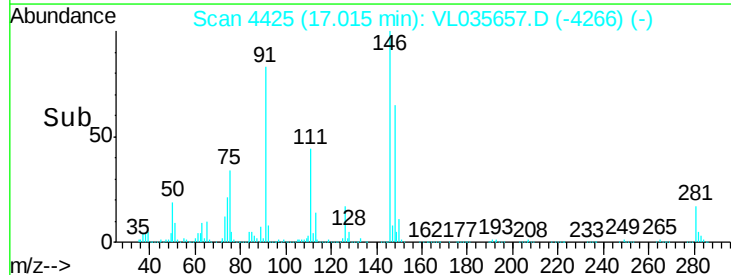
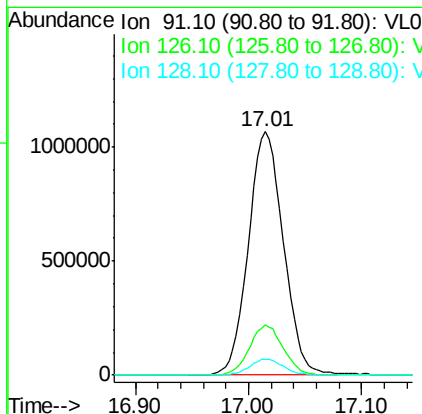
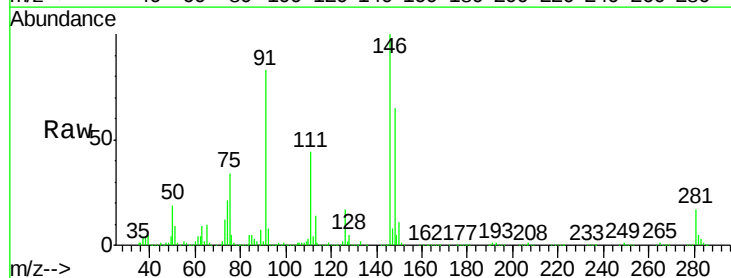
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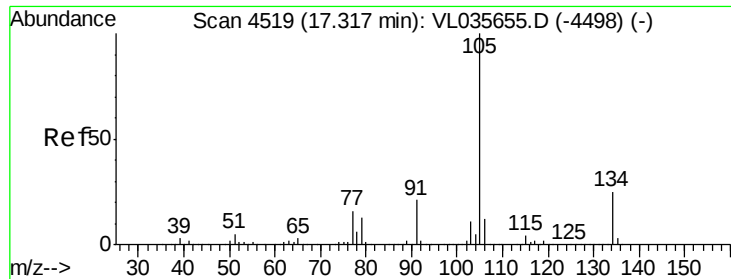
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#66
 Benzyl Chloride
 Concen: 14.501 ppbv
 RT: 17.01 min Scan# 4425
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	19.9	17.2	25.8
128	6.5	5.5	8.3





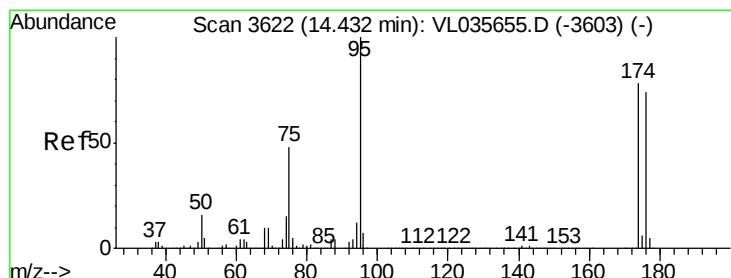
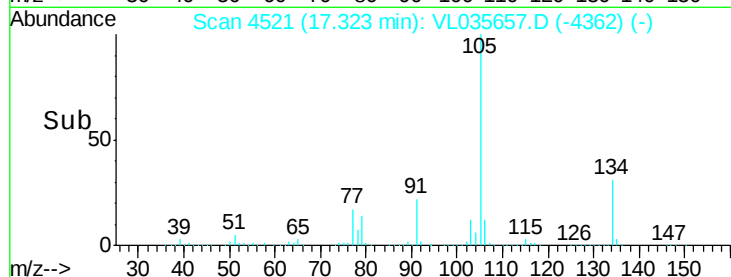
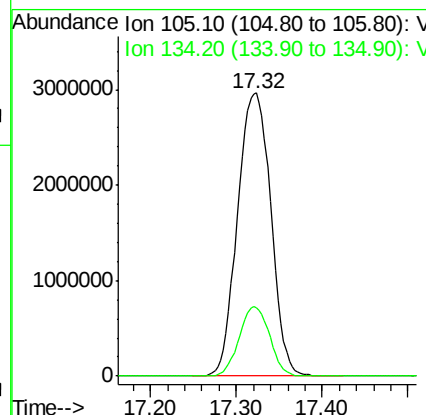
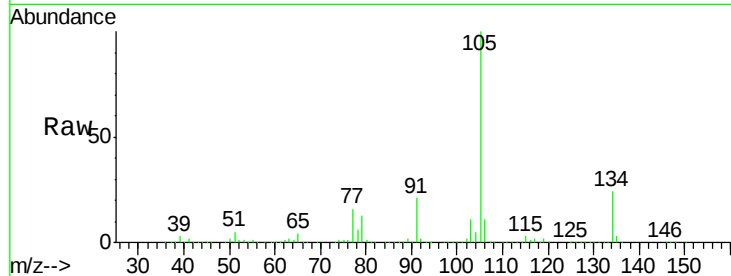
#67
 sec-Butylbenzene
 Concen: 9.385 ppbv
 RT: 17.32 min Scan# 4521
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion: 105 Resp: 7964767
 Ion Ratio Lower Upper
 105 100
 134 22.4 19.1 28.7

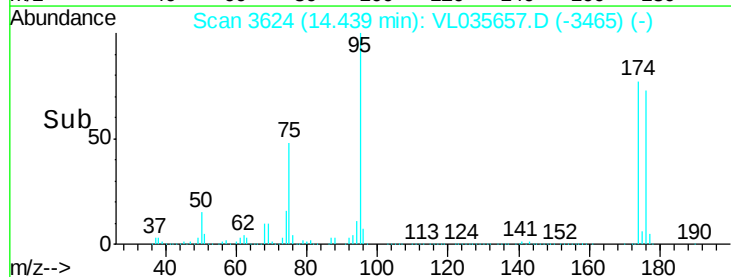
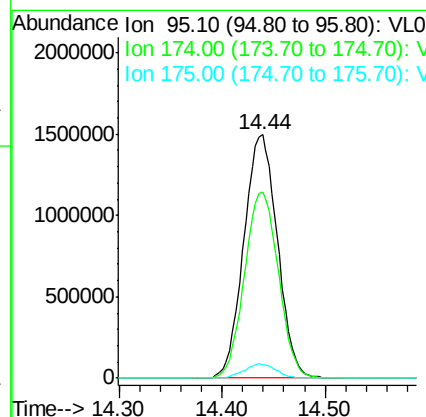
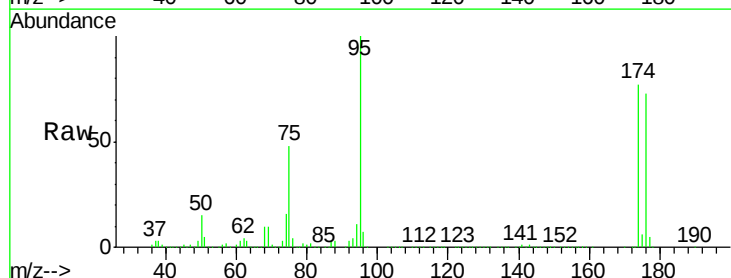
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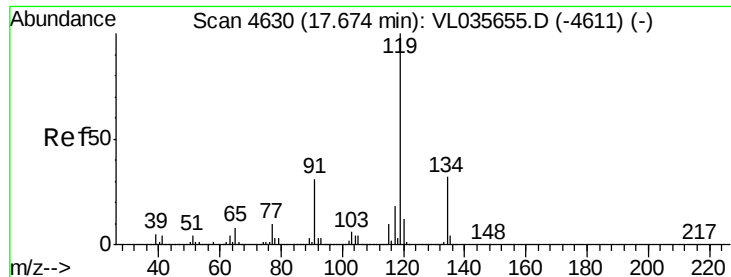
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.716 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion: 95 Resp: 3391772
 Ion Ratio Lower Upper
 95 100
 174 77.5 69.6 104.4
 175 5.6 5.1 7.7





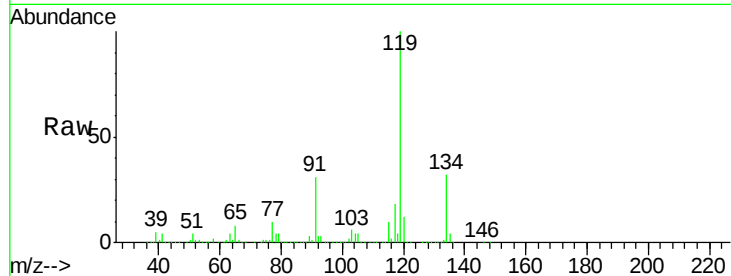
#69
p-Isopropyltoluene
Concen: 9.224 ppbv
RT: 17.68 min Scan# 4632
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

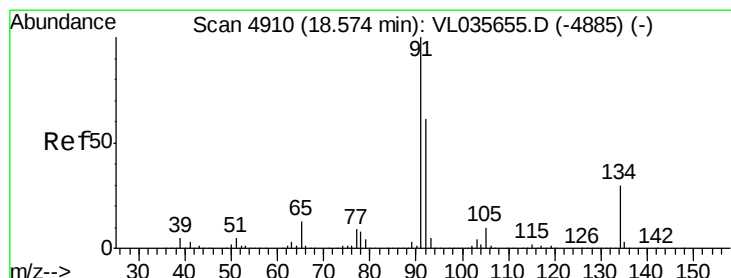
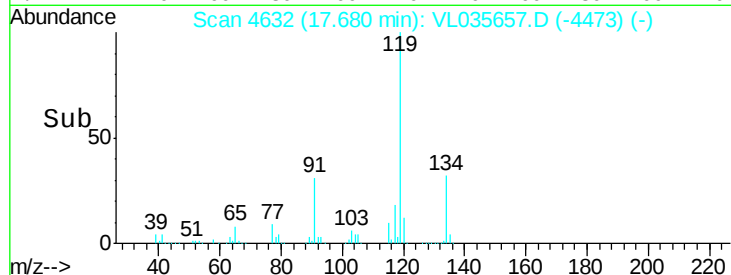
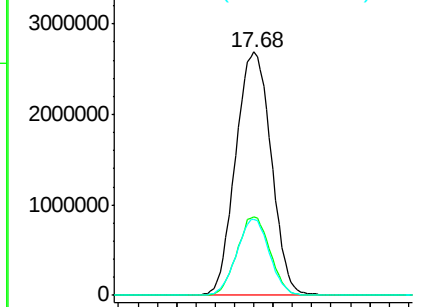
Tot Ion: 119 Resp: 6866495
Ion Ratio Lower Upper
119 100
134 30.0 25.0 37.4
91 28.8 22.3 33.5

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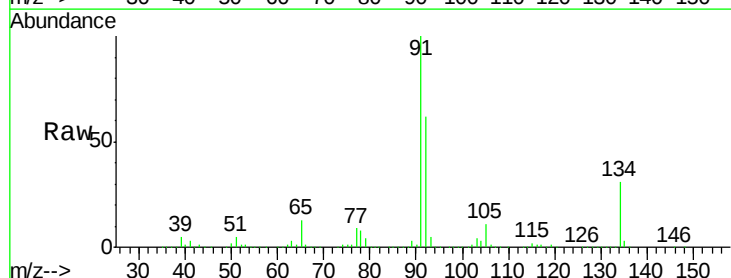


Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): V

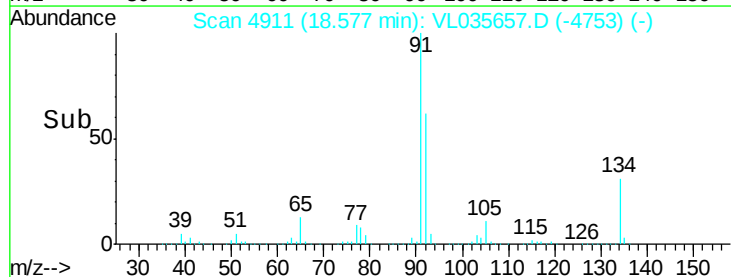
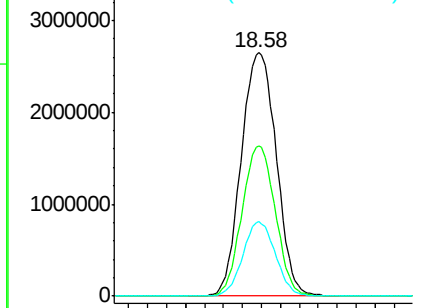


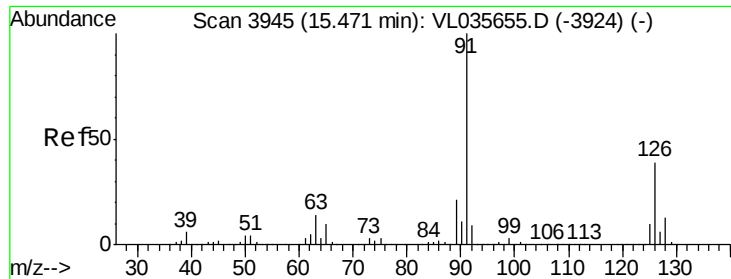
#70
n-Butylbenzene
Concen: 9.507 ppbv
RT: 18.58 min Scan# 4911
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion: 91 Resp: 6817381
Ion Ratio Lower Upper
91 100
92 58.7 47.3 70.9
134 28.3 24.6 37.0



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0
Ion 134.20 (133.90 to 134.90): V





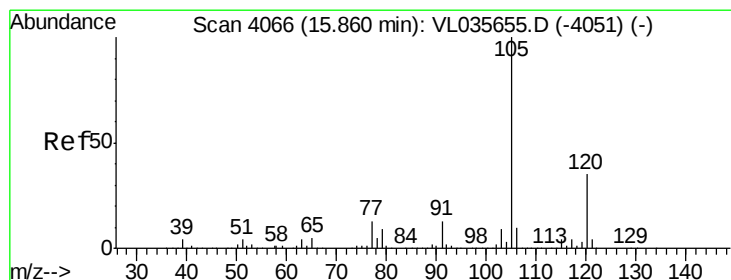
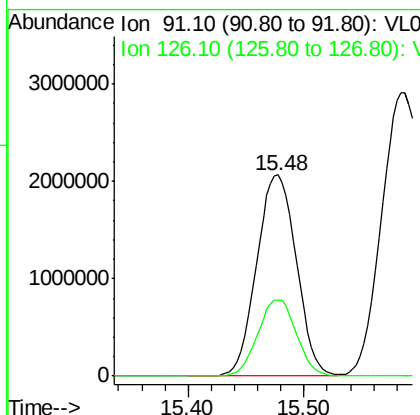
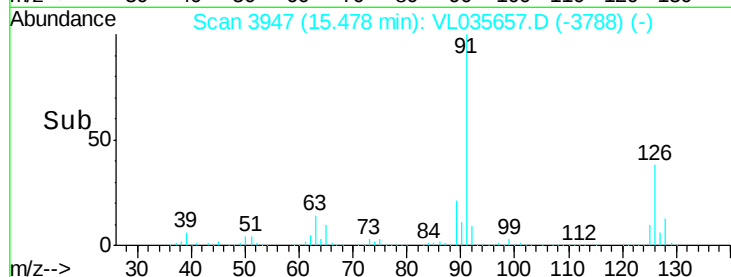
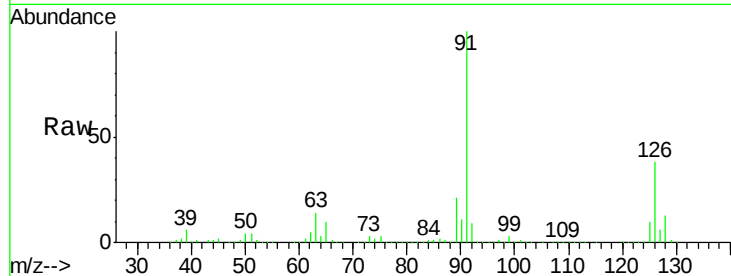
#71
 2-Chlorotoluene
 Concen: 9.850 ppbv
 RT: 15.48 min Scan# 3947
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion: 91 Resp: 4915351
 Ion Ratio Lower Upper
 91 100
 126 36.9 15.6 62.6

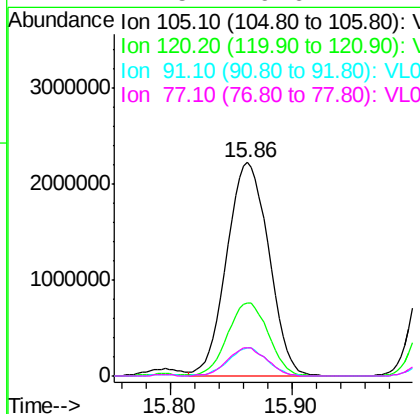
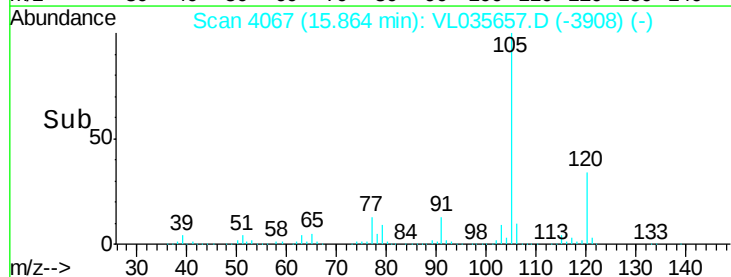
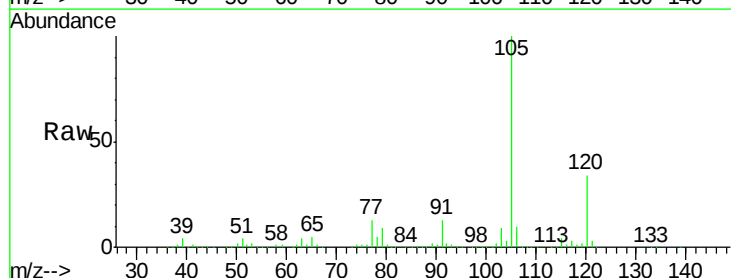
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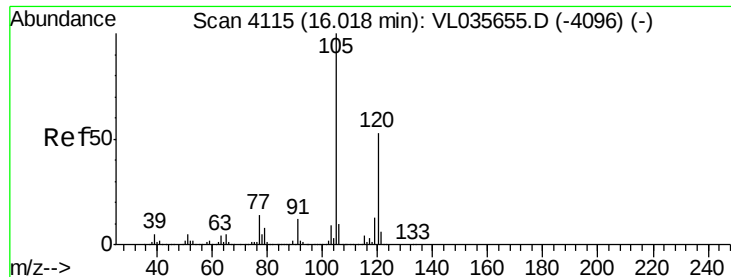
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#72
 4-Ethyltoluene
 Concen: 9.804 ppbv
 RT: 15.86 min Scan# 4067
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion:105 Resp: 5317219
 Ion Ratio Lower Upper
 105 100
 120 33.4 27.4 41.2
 91 12.4 9.7 14.5
 77 12.5 9.6 14.4





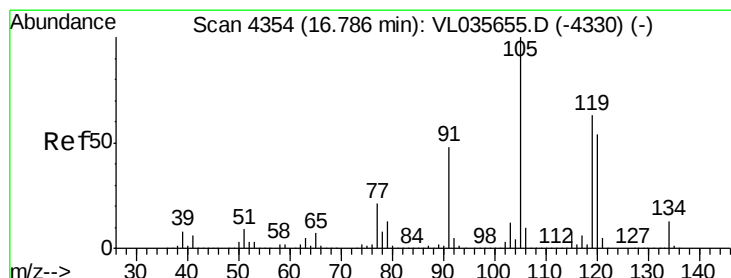
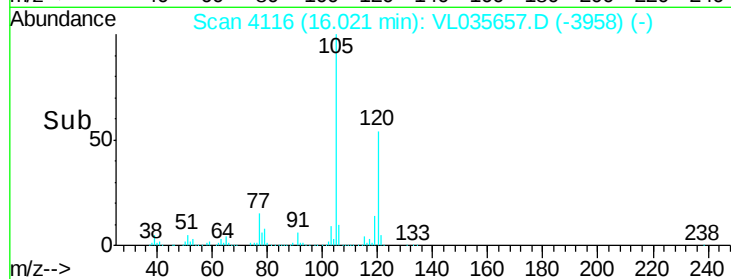
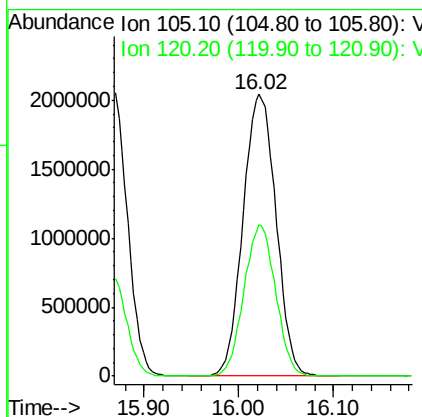
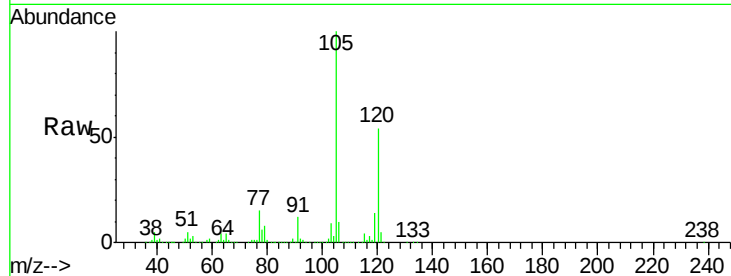
#73
 1,3,5-Trimethylbenzene
 Concen: 9.808 ppbv
 RT: 16.02 min Scan# 4116
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion:105 Resp: 4919606
 Ion Ratio Lower Upper
 105 100
 120 53.6 44.2 66.2

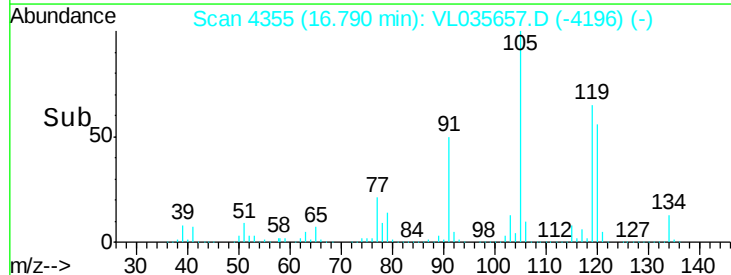
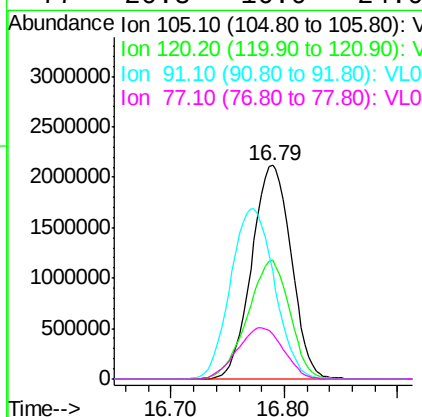
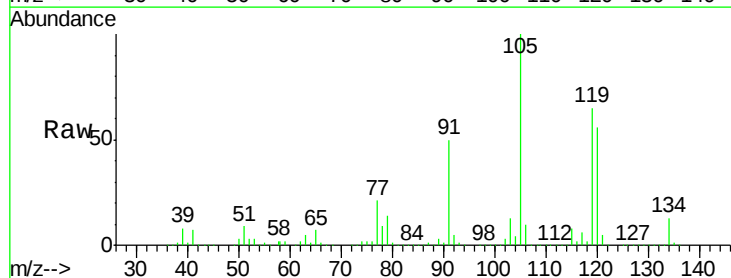
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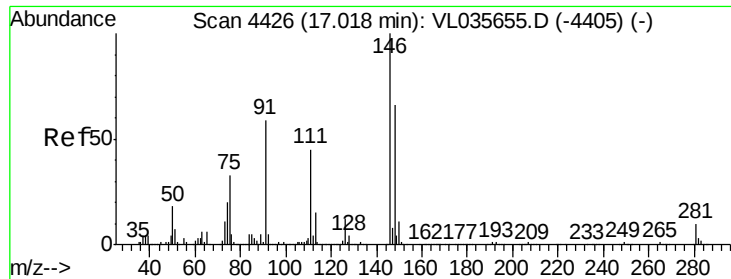
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#74
 1,2,4-Trimethylbenzene
 Concen: 9.308 ppbv
 RT: 16.79 min Scan# 4355
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion:105 Resp: 5127239
 Ion Ratio Lower Upper
 105 100
 120 55.6 44.4 66.6
 91 49.9 37.1 55.7
 77 20.8 16.0 24.0





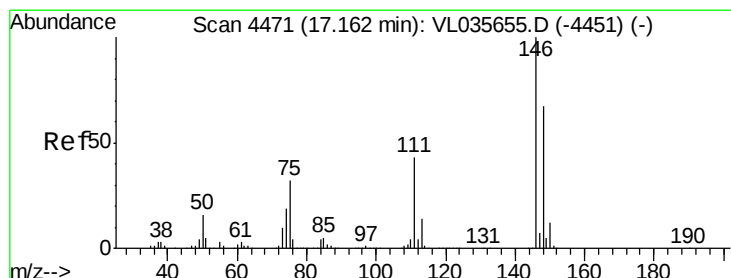
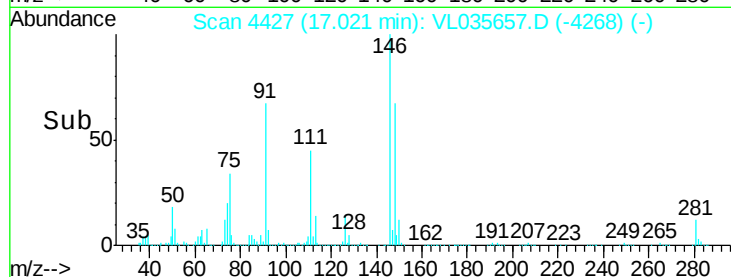
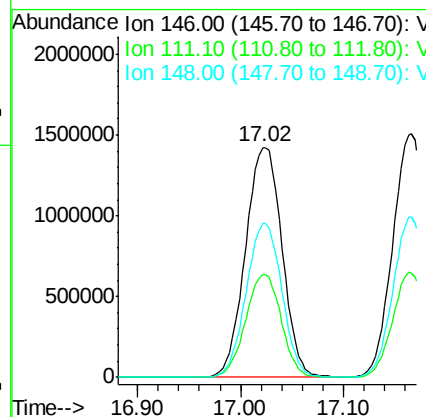
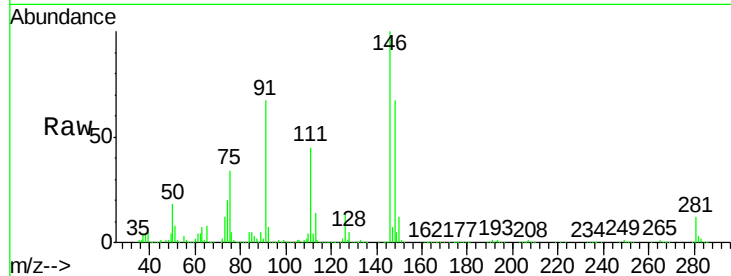
#75
 1,3-Dichlorobenzene
 Concen: 8.599 ppbv
 RT: 17.02 min Scan# 4427
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion:146 Resp: 3508569
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.7 62.1
 148 65.3 33.0 98.9

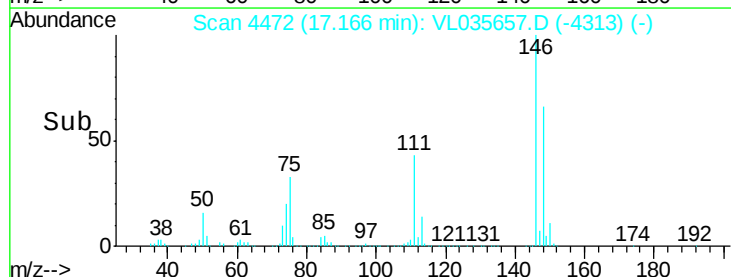
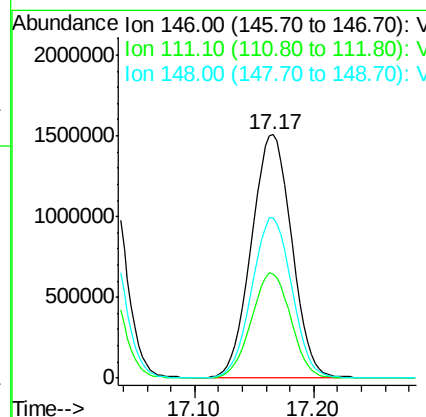
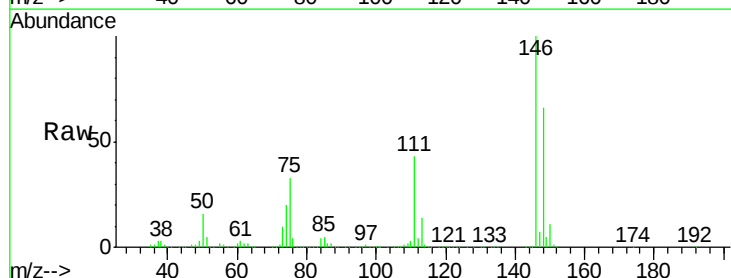
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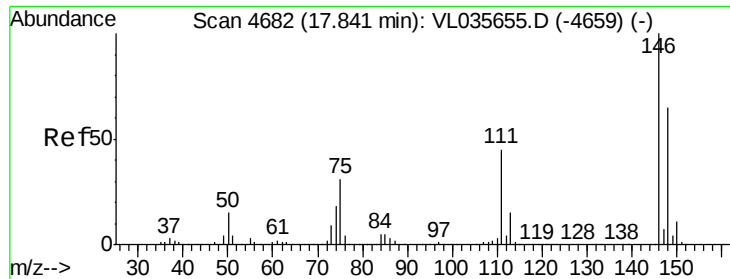
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#76
 1,4-Dichlorobenzene
 Concen: 8.742 ppbv
 RT: 17.17 min Scan# 4472
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion:146 Resp: 3517957
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.0 60.0
 148 66.0 33.2 99.6





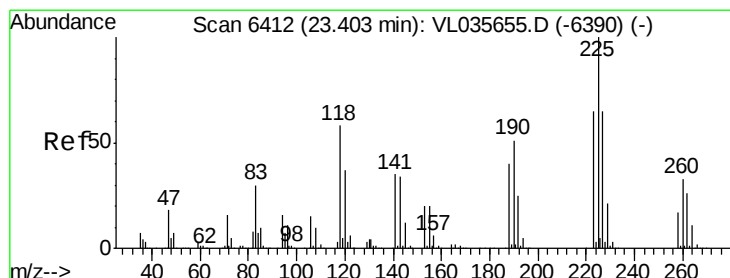
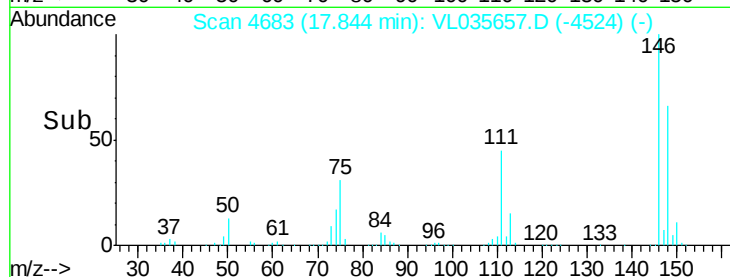
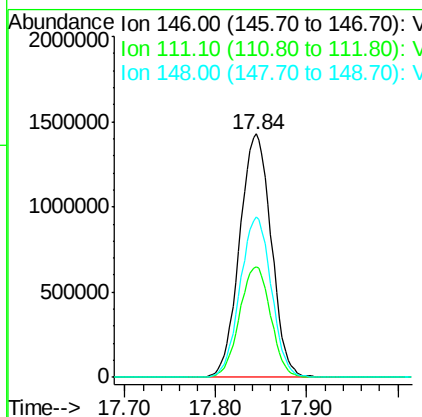
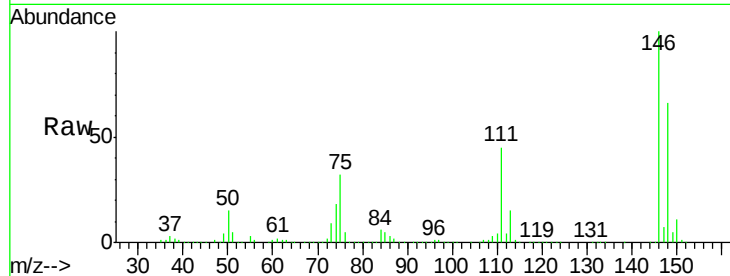
#77
 1,2-Dichlorobenzene
 Concen: 8.726 ppbv
 RT: 17.84 min Scan# 4683
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.1	63.3
148	65.2	32.9	98.7

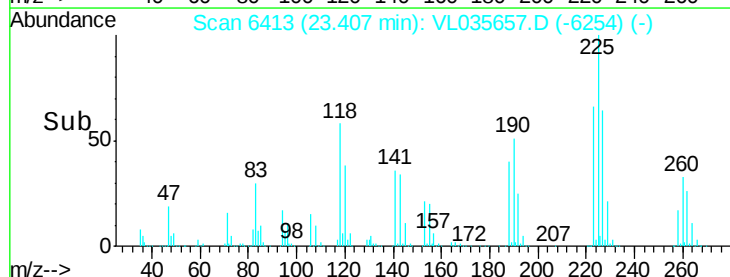
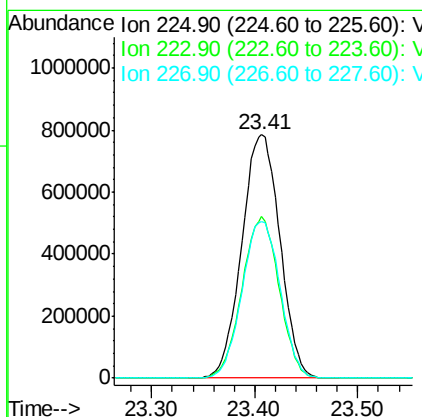
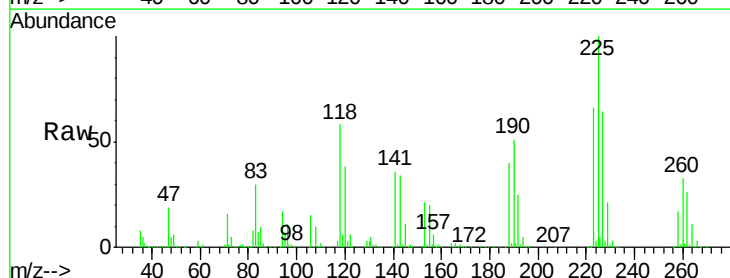
Manual Integrations
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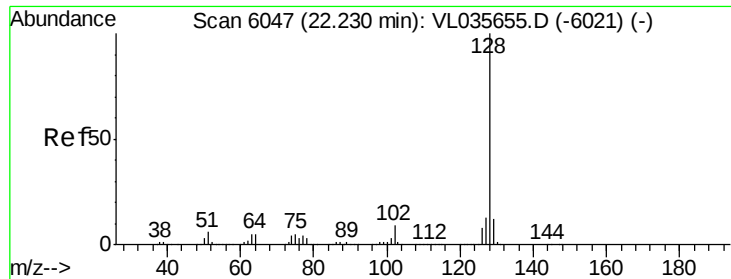
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#78
 Hexachloro-1,3-Butadiene
 Concen: 7.987 ppbv
 RT: 23.41 min Scan# 6413
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.7	77.5
227	64.5	51.5	77.3





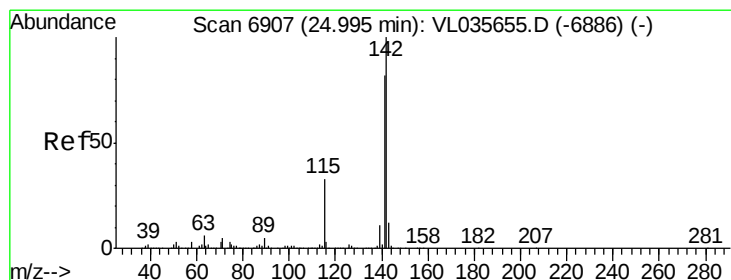
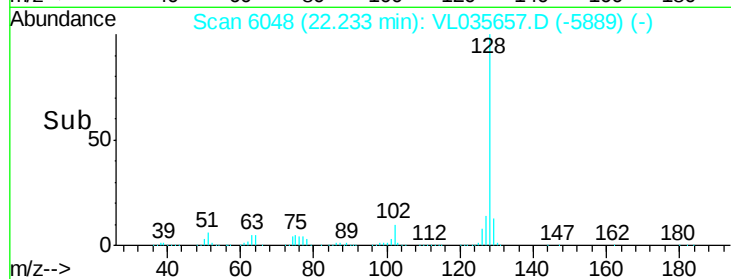
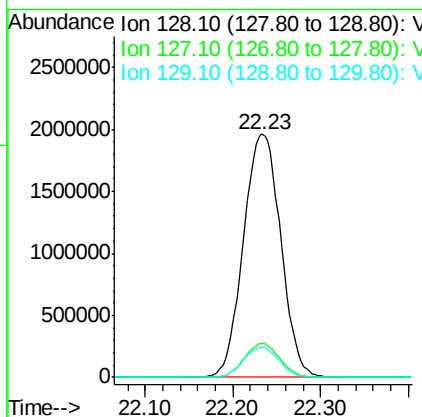
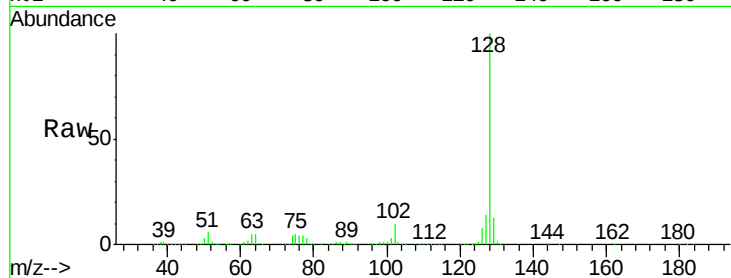
#79
Naphthalene
Concen: 9.494 ppbv
RT: 22.23 min Scan# 6048
Delta R.T. 0.01 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.4	17.2
129	12.5	10.5	15.7

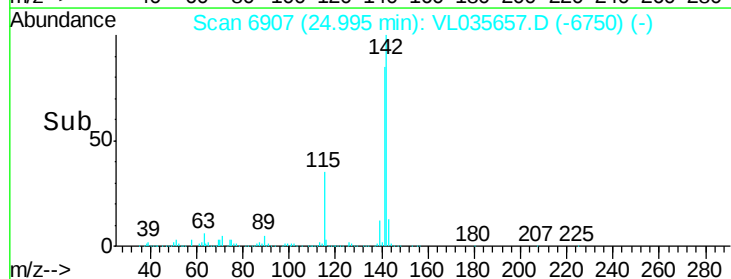
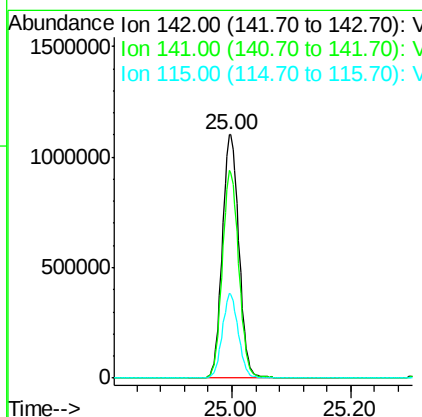
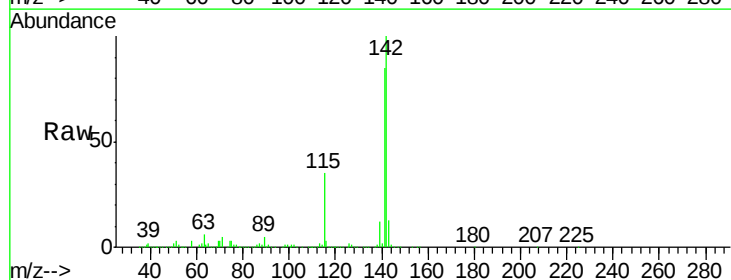
Manual Integrations
APPROVED

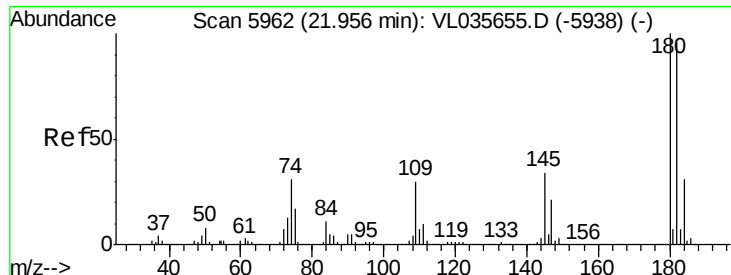
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#80
Naphthalene, 2-methyl-
Concen: 10.207 ppbv
RT: 25.00 min Scan# 6907
Delta R.T. 0.00 min
Lab File: VL035657.D
Acq: 17 Sep 2020 14:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.6	67.6	101.4
115	33.3	25.8	38.8





#81
 1,2,4-Trichlorobenzene
 Concen: 8.232 ppbv
 RT: 21.96 min Scan# 5964
 Delta R.T. 0.01 min
 Lab File: VL035657.D
 Acq: 17 Sep 2020 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.3	114.5
184	31.2	25.3	37.9

Manual Integrations
 APPROVED

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