

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036133.D
 Acq On : 10 Dec 2020 17:43
 Operator : SY/AP
 Sample : VL1210ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Manual Integrations
 APPROVED

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 12/15/2020 7:23:13 PM

Quant Time: Dec 14 22:45:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1257470	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	2575266	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	2554479m	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2140169	10.55	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	1128240	7.699	ppbv	98
3) Chlorodifluoromethane	2.97	51	1503547	10.480	ppbv	98
4) Chloromethane	3.12	50	720005	10.222	ppbv	98
5) Vinyl Chloride	3.24	62	704902	8.995	ppbv	94
6) Bromomethane	3.46	94	390006	9.646	ppbv	95
7) Chloroethane	3.54	64	246453	9.232	ppbv	97
8) Dichlorotetrafluoroethane	3.17	85	1605513	9.858	ppbv	88
9) Propene	2.99	41	699777	9.737	ppbv	97
10) Heptane	8.11	43	1790064	9.752	ppbv	99
11) Trichlorofluoromethane	3.93	101	1716081	9.960	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1115151	9.530	ppbv	93
13) Ethanol	3.59	45	99678	10.061	ppbv	99
14) Bromoethene	3.72	108	470695	9.805	ppbv	95
15) Acetone	3.84	43	1374241	9.093	ppbv	96
16) 1,3-Butadiene	3.31	39	707770	9.298	ppbv	97
17) tert-Butyl alcohol	4.28	59	1164272	7.953	ppbv	99
18) 1,1-Dichloroethene	4.27	96	469022	9.028	ppbv	95
19) Isopropyl Alcohol	3.95	45	768416	8.319	ppbv #	100
20) Methylene Chloride	4.33	84	453465m	7.322	ppbv	
21) Allyl Chloride	4.39	41	932035m	9.275	ppbv	
22) trans-1,2-Dichloroethene	4.87	96	485656m	9.337	ppbv	
23) Vinyl Acetate	5.06	43	1966749	9.775	ppbv #	97
24) 1,1-Dichloroethane	5.00	63	1336998	9.448	ppbv	98
25) Ethyl Acetate	5.66	43	2917768	9.664	ppbv	100
26) Hexane	5.67	57	1198124	8.818	ppbv	99
27) Carbon Disulfide	4.53	76	1251296	9.266	ppbv	96
28) Methyl tert-Butyl Ether	5.02	73	1710762	8.856	ppbv	98
29) Chloroform	5.74	83	1833078	10.273	ppbv	98
30) Cyclohexane	7.11	84	956660	9.584	ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	1265513	10.245	ppbv	97
32) 1,1,1-Trichloroethane	6.50	97	1818689	9.877	ppbv	97
34) 2-Butanone	5.23	43	1793611	10.500	ppbv	100
35) Carbon Tetrachloride	7.01	117	1762445	11.736	ppbv	99
36) Benzene	6.88	78	2419285	11.085	ppbv	96
37) 1,2-Dichloroethane	6.29	62	1566251	12.385	ppbv	98
38) Trichloroethene	7.82	130	753152	9.232	ppbv	90
39) 1,2-Dichloropropane	7.60	63	995886	11.555	ppbv	97
40) 1,4-Dioxane	7.82	88	283241	10.448	ppbv #	30
41) Tetrahydrofuran	6.03	42	1079838	10.641	ppbv	99
42) Bromodichloromethane	7.78	83	2061442	12.233	ppbv	99
43) Methyl Methacrylate	8.00	69	1099574	11.744	ppbv	99

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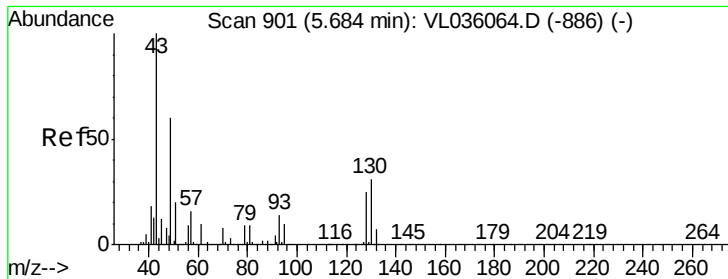
Manual Integrations
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Quant Time: Dec 14 22:45:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4368735	11.053	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	1152553	11.982	ppbv	96
46) cis-1,3-Dichloropropene	8.69	75	1405533	11.658	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	932807	11.250	ppbv	97
48) Dibromochloromethane	10.29	129	1409980	11.260	ppbv	99
49) Bromoform	13.03	173	1091186	11.072	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	2899890	11.383	ppbv	99
51) 2-Hexanone	10.12	43	2301774	11.559	ppbv #	97
52) Tetrachloroethene	11.21	164	694751	8.794	ppbv	95
53) Toluene	9.80	91	2702066	11.026	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1354529	10.898	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.12	131	1071519	10.116	ppbv	96
57) Chlorobenzene	12.14	112	1755868	9.791	ppbv	97
58) Ethyl Benzene	12.70	91	3633667	10.380	ppbv	98
59) m/p-Xylene	12.99	91	6078594m	20.616	ppbv	
60) o-Xylene	13.68	91	2842572	10.232	ppbv	96
61) Styrene	13.52	104	1838856	10.310	ppbv	96
62) Isopropylbenzene	14.66	105	4013788	9.747	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	1881670	10.057	ppbv	99
64) n-propylbenzene	15.55	120	955448	9.644	ppbv	85
65) tert-Butylbenzene	16.73	119	3179781	9.434	ppbv	93
66) Benzyl Chloride	16.98	91	768590	9.158	ppbv	96
67) sec-Butylbenzene	17.29	105	4594769	9.740	ppbv	97
69) p-Isopropyltoluene	17.64	119	3554227	9.473	ppbv	96
70) n-Butylbenzene	18.54	91	3849399	10.380	ppbv	99
71) 2-Chlorotoluene	15.44	91	3192037	10.255	ppbv	95
72) 4-Ethyltoluene	15.83	105	3074532	10.217	ppbv	97
73) 1,3,5-Trimethylbenzene	15.99	105	2854192	9.931	ppbv	96
74) 1,2,4-Trimethylbenzene	16.76	105	2826572	9.798	ppbv	95
75) 1,3-Dichlorobenzene	16.99	146	1385253	9.592	ppbv	97
76) 1,4-Dichlorobenzene	17.13	146	1375314	9.354	ppbv	97
77) 1,2-Dichlorobenzene	17.81	146	1272114	9.226	ppbv	98
78) Hexachloro-1,3-Butadiene	23.37	225	939713	8.503	ppbv	98
79) Naphthalene	22.19	128	1672714	11.406	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	664790	20.273	ppbv	92
81) 1,2,4-Trichlorobenzene	21.91	180	964698m	9.846	ppbv	

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



#1

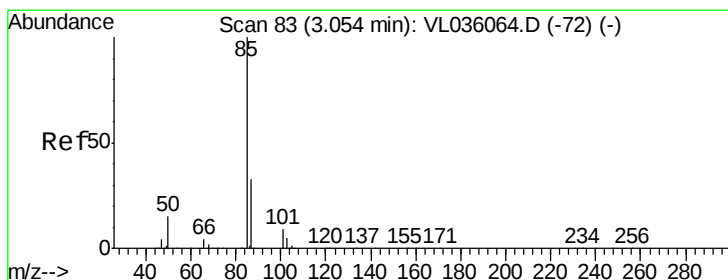
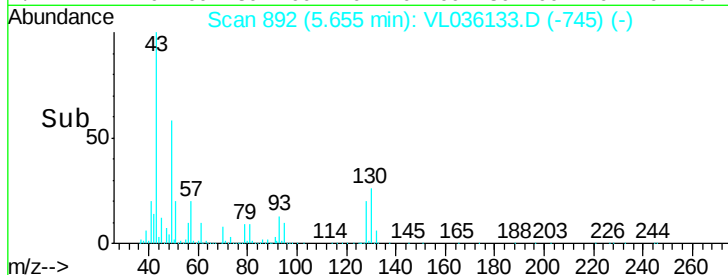
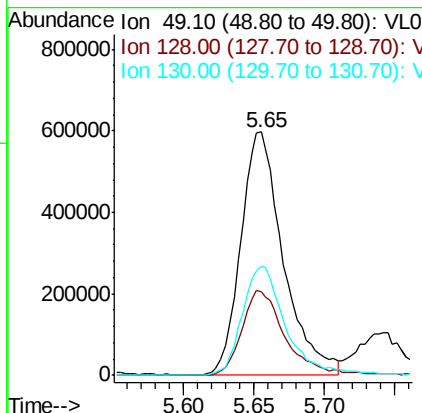
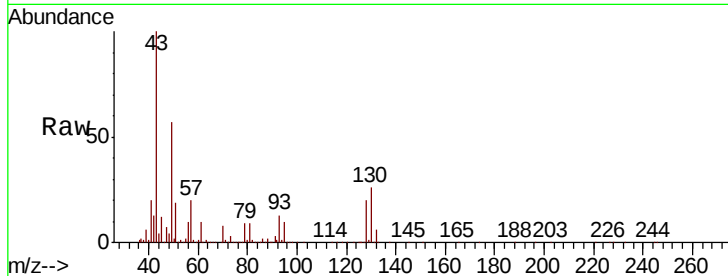
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion	Ratio	Lower	Upper
49	100		
128	36.7	21.1	63.1
130	46.7	27.1	81.3

Manual Integrations
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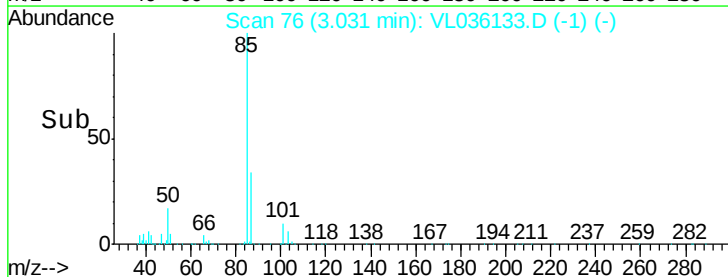
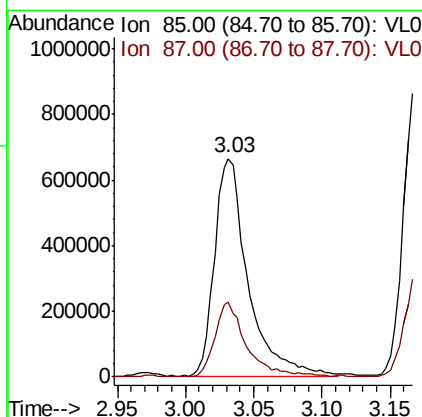
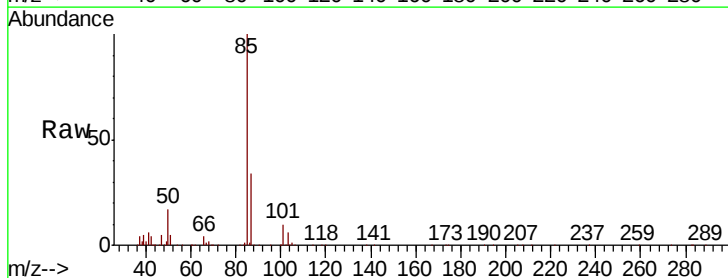
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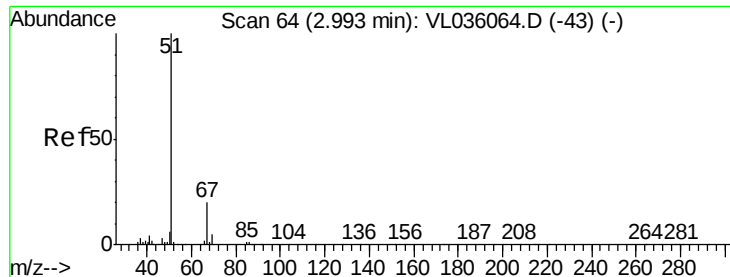


#2

Dichlorodifluoromethane
Concen: 7.699 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.4	26.5	39.7





#3

Chlorodifluoromethane

Concen: 10.480 ppbv

RT: 2.97 min Scan# 57

Delta R.T. -0.02 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Instrument :

MSVOA_L

ClientSampleId :

VL1210ABS01

Tot Ion: 51 Resp: 1503547

Ion Ratio Lower Upper

51 100

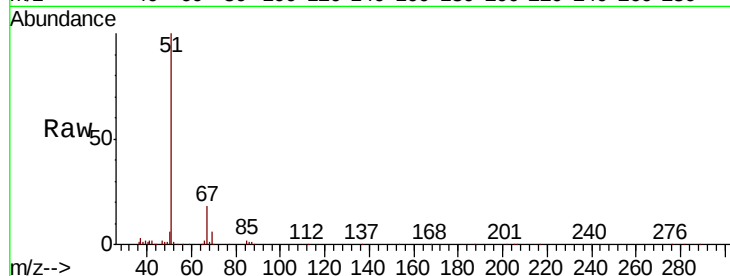
67 18.6 14.3 21.5

Manual Integrations

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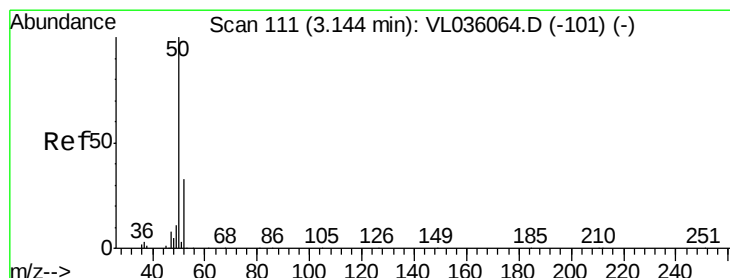
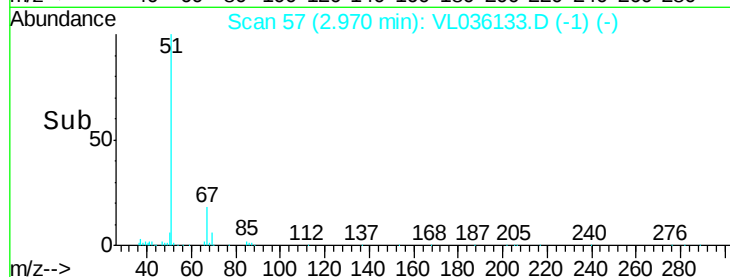
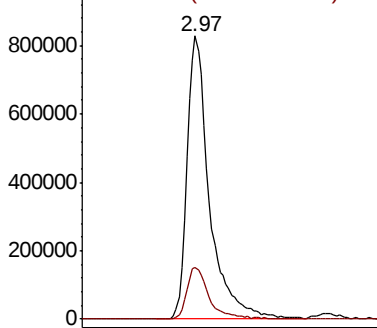
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 10.222 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.02 min

Lab File: VL036133.D

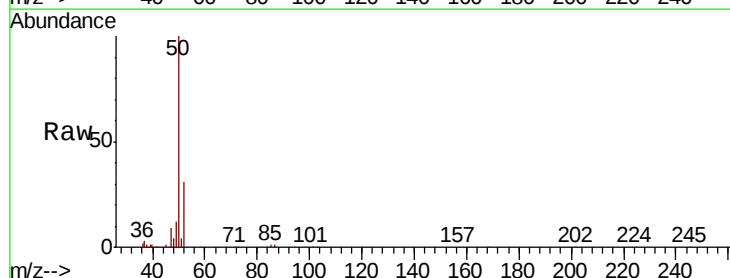
Acq: 10 Dec 2020 17:43

Tgt Ion: 50 Resp: 720005

Ion Ratio Lower Upper

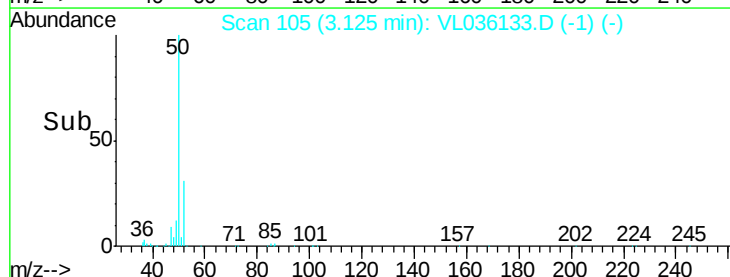
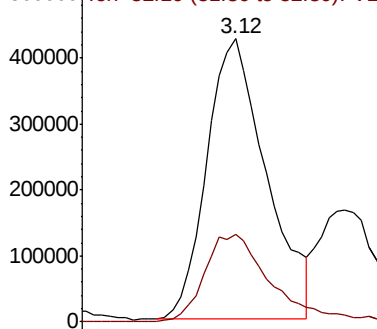
50 100

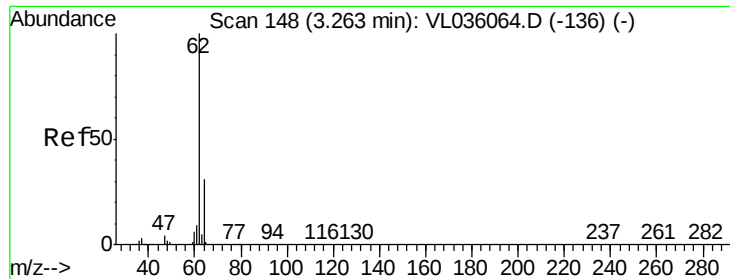
52 31.2 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 8.995 ppbv

RT: 3.24 min Scan# 141

Delta R.T. -0.02 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Instrument :

MSVOA_L

ClientSampleId :

VL1210ABS01

Tot Ion: 62 Resp: 704902

Ion Ratio Lower Upper

62 100

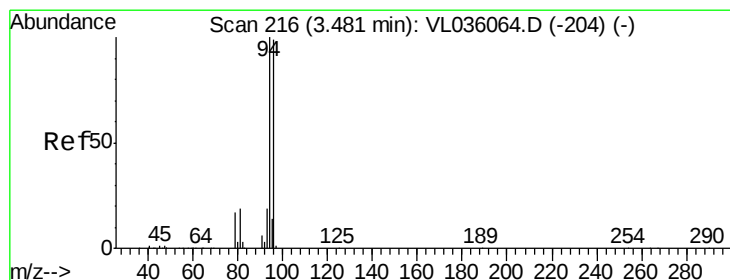
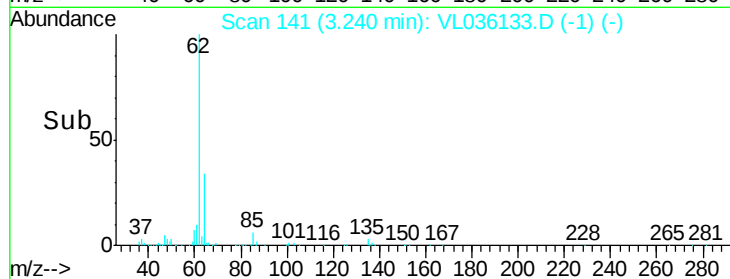
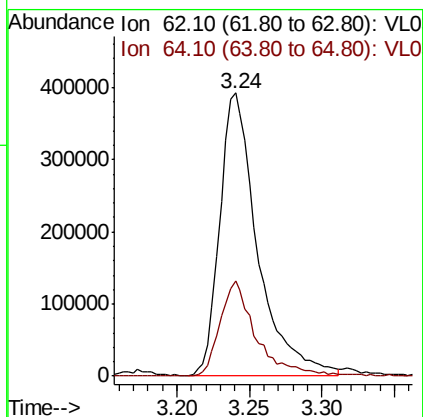
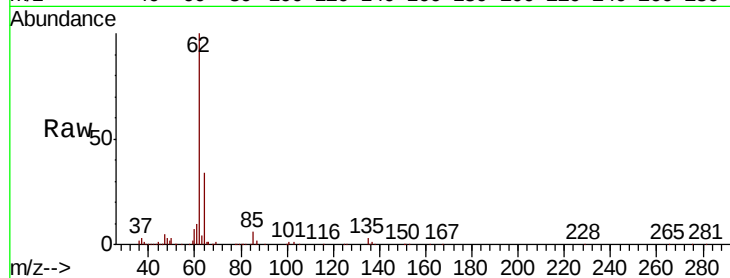
64 33.7 24.5 36.7

Manual Integrations

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#6

Bromomethane

Concen: 9.646 ppbv

RT: 3.46 min Scan# 209

Delta R.T. -0.02 min

Lab File: VL036133.D

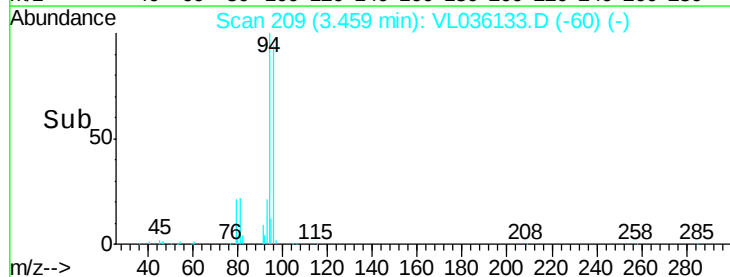
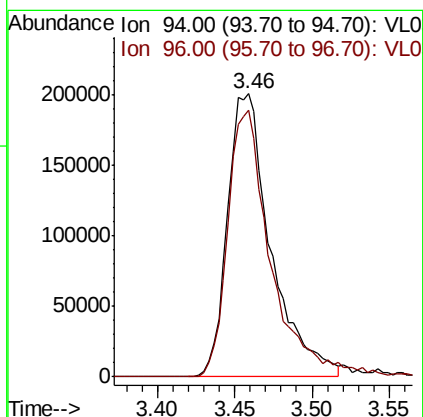
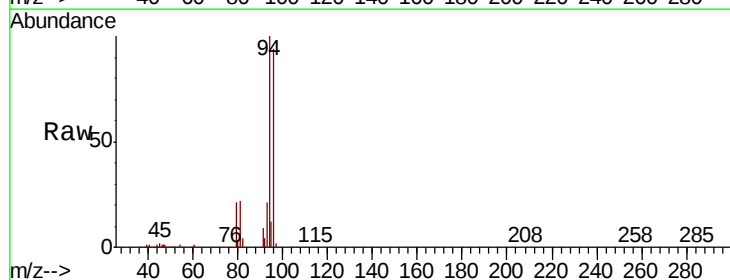
Acq: 10 Dec 2020 17:43

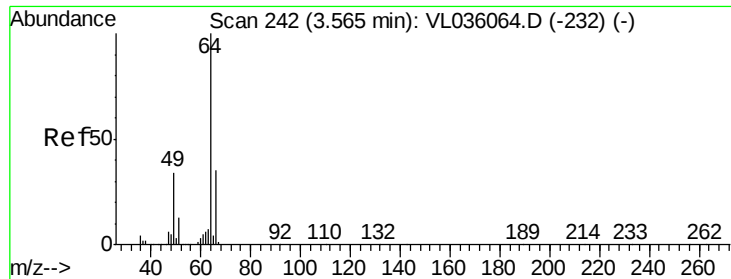
Tgt Ion: 94 Resp: 390006

Ion Ratio Lower Upper

94 100

96 94.2 79.4 119.0





#7

Chloroethane

Concen: 9.232 ppbv

RT: 3.54 min Scan# 234

Delta R.T. -0.03 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Instrument :

MSVOA_L

ClientSampleId :

VL1210ABS01

Tot Ion: 64 Resp: 246453

Ion Ratio Lower Upper

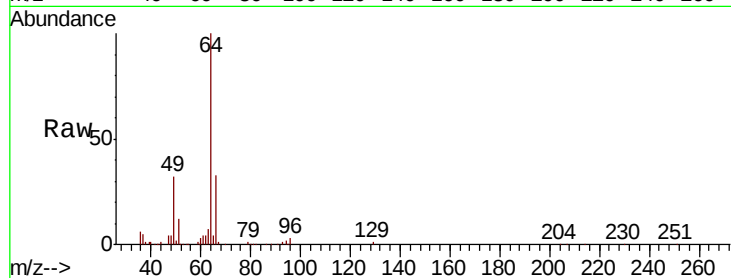
64 100

66 32.9 27.7 41.5

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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.54

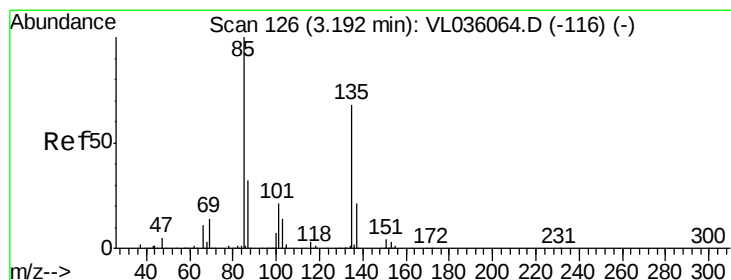
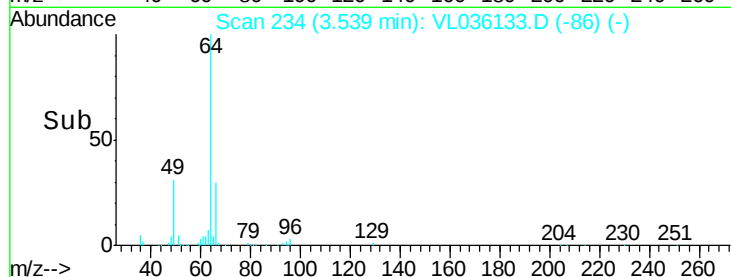
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100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.858 ppbv

RT: 3.17 min Scan# 119

Delta R.T. -0.02 min

Lab File: VL036133.D

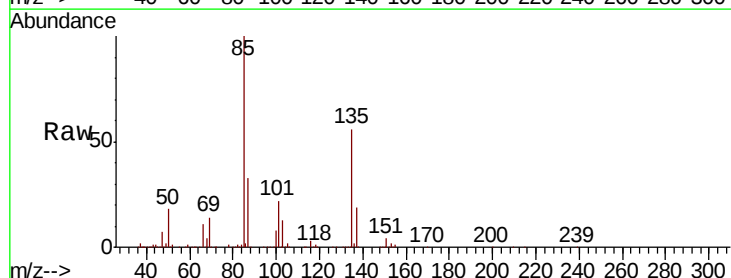
Acq: 10 Dec 2020 17:43

Tgt Ion: 85 Resp: 1605513

Ion Ratio Lower Upper

85 100

135 57.8 53.8 80.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.17

1000000

800000

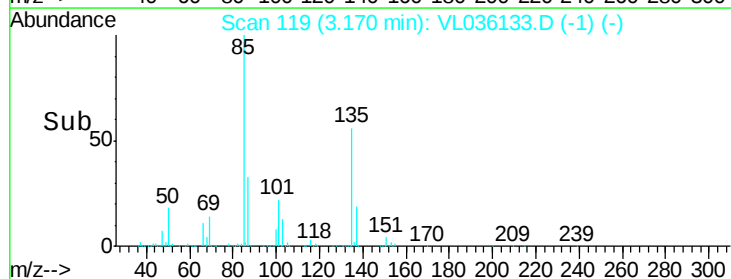
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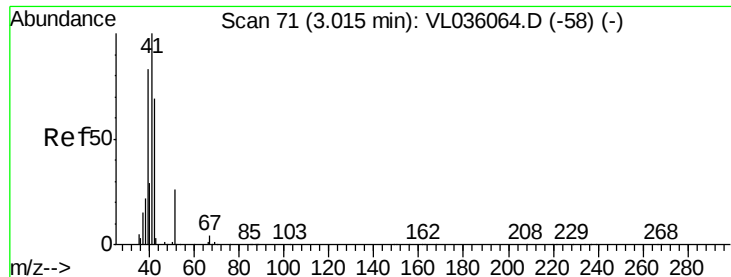
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Time-->





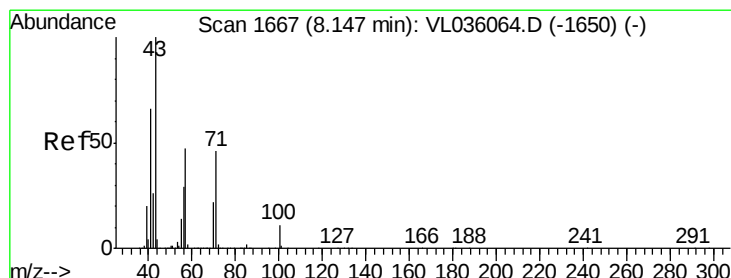
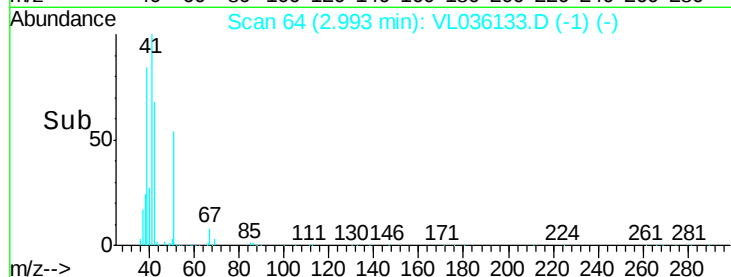
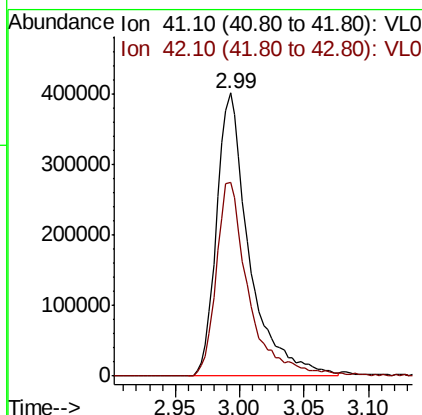
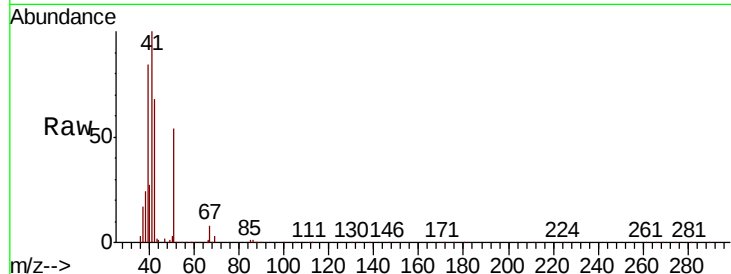
#9
Propene
Concen: 9.737 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion: 41 Resp: 699777
Ion Ratio Lower Upper
41 100
42 69.0 57.0 85.6

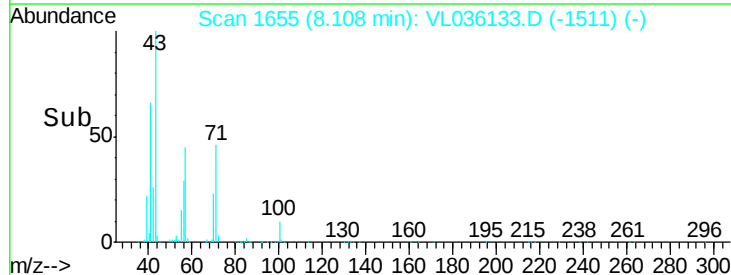
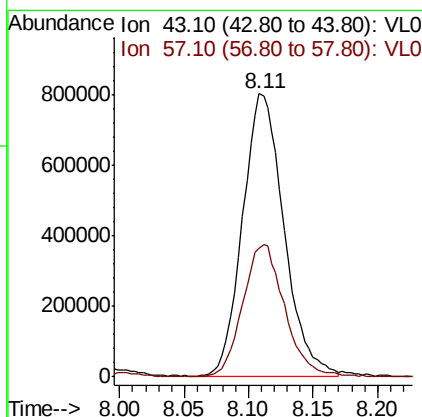
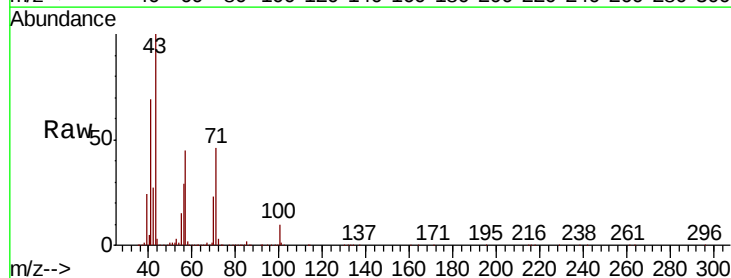
Manual Integrations
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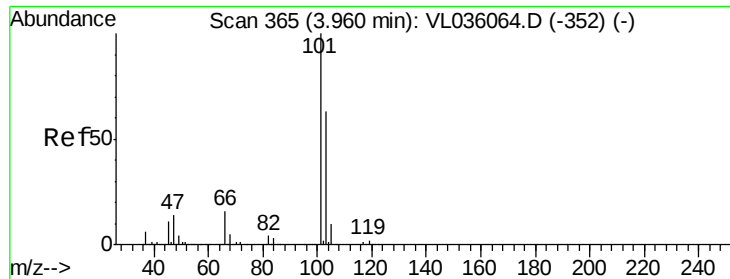
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#10
Heptane
Concen: 9.752 ppbv
RT: 8.11 min Scan# 1655
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 43 Resp: 1790064
Ion Ratio Lower Upper
43 100
57 47.8 37.9 56.9





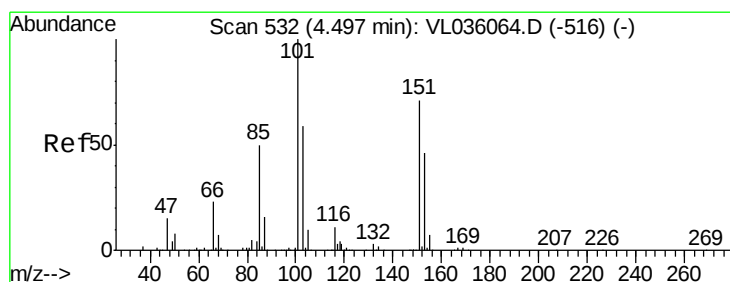
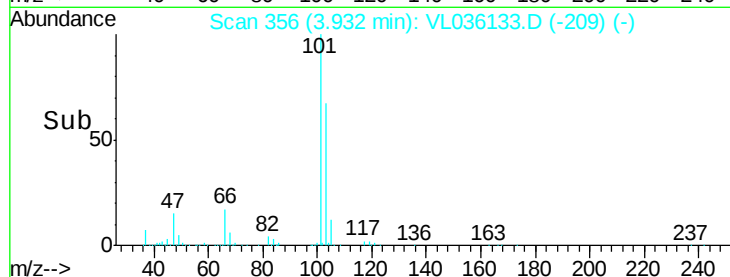
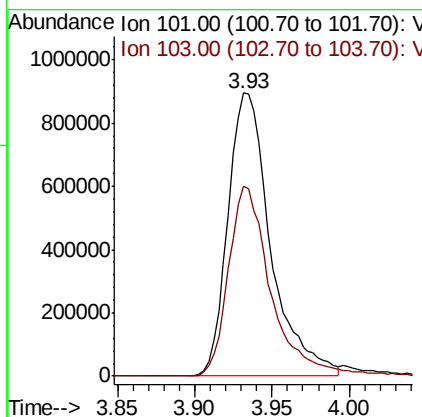
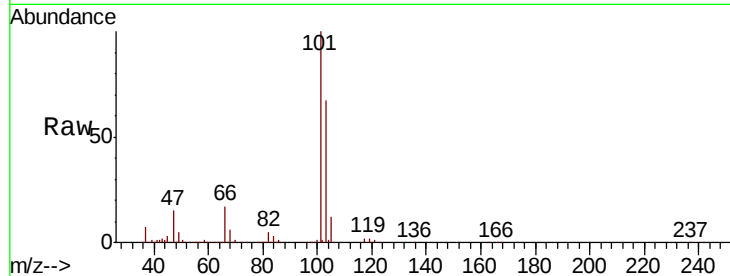
#11
 Trichlorofluoromethane
 Concen: 9.960 ppbv
 RT: 3.93 min Scan# 356
 Delta R.T. -0.03 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion:101 Resp: 1716081
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.3 75.5

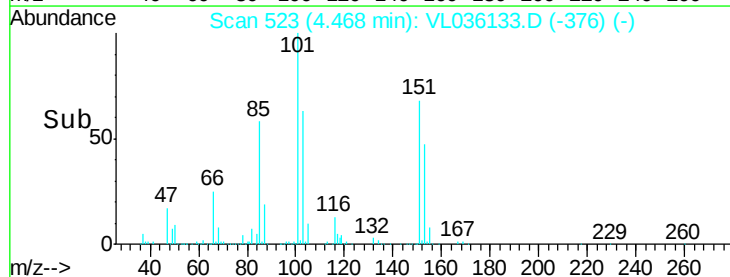
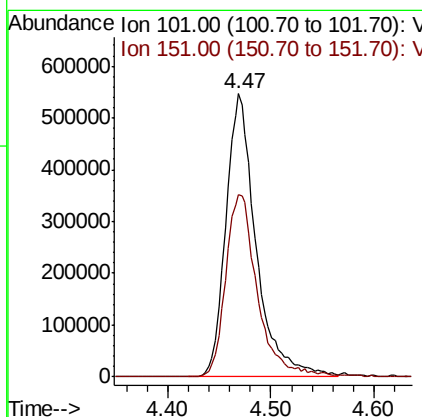
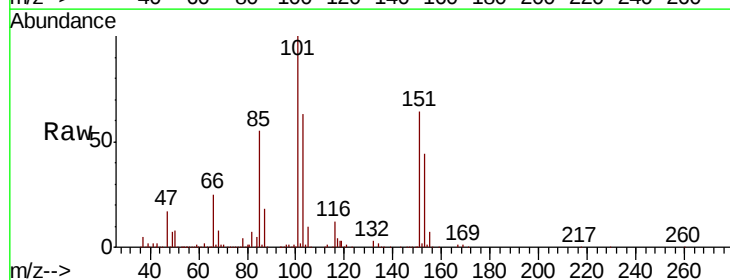
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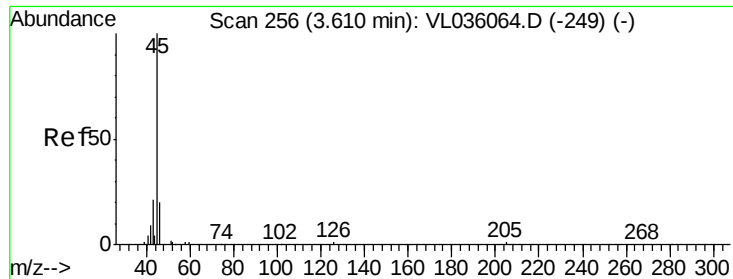
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.530 ppbv
 RT: 4.47 min Scan# 523
 Delta R.T. -0.03 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion:101 Resp: 1115151
 Ion Ratio Lower Upper
 101 100
 151 68.0 59.3 88.9





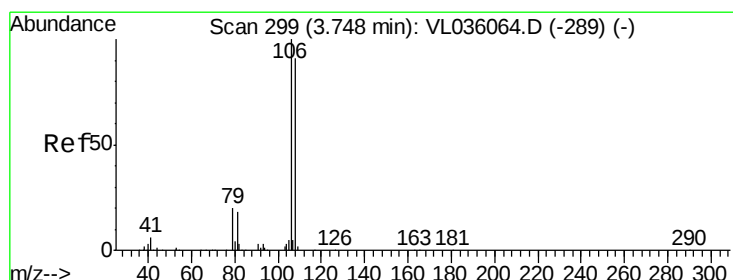
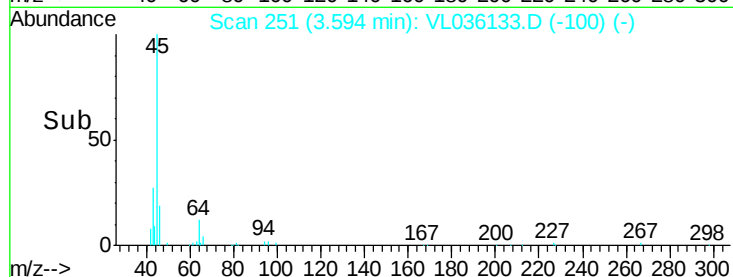
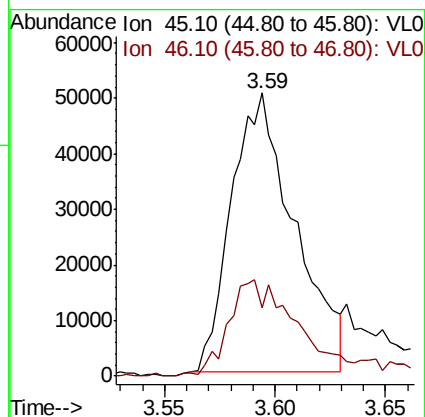
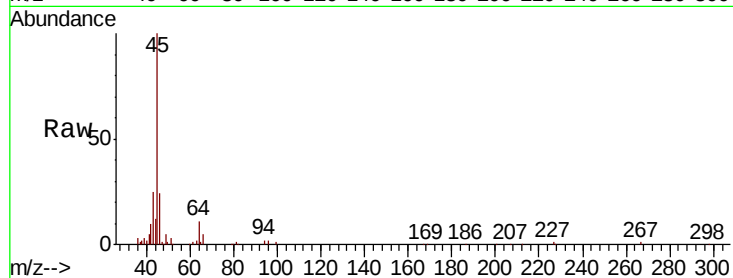
#13
Ethanol
Concen: 10.061 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion	45	Resp	99678
Ion Ratio	100	Lower	Upper
45	100		
46	47.7	19.0	75.8

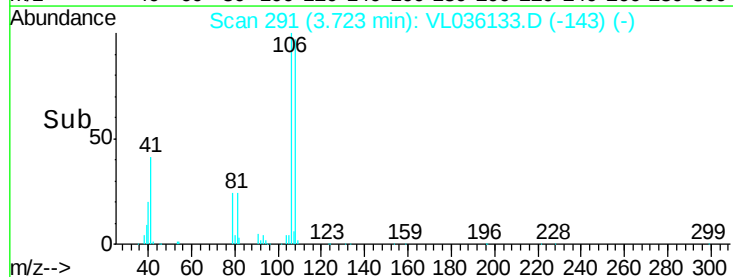
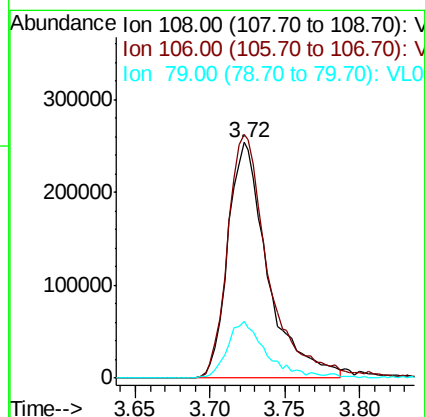
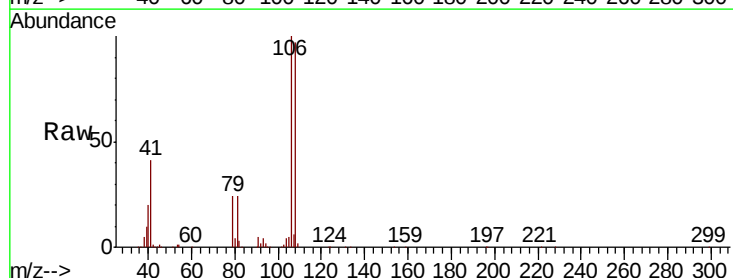
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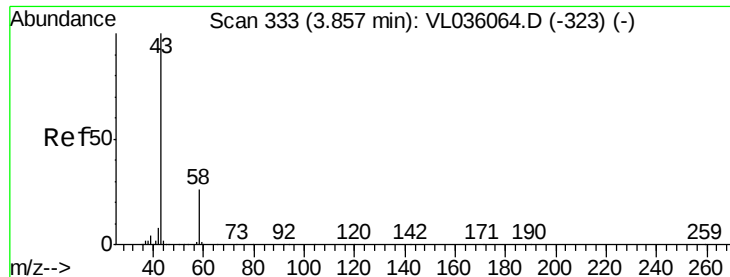
MMDadoda
12/15/2020 7:23:13 PM



#14
Bromoethene
Concen: 9.805 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion	108	Resp	470695
Ion Ratio	100	Lower	Upper
108	100		
106	107.8	91.0	136.4
79	24.8	19.3	28.9





#15

Acetone

Concen: 9.093 ppbv

RT: 3.84 min Scan# 326

Delta R.T. -0.02 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Instrument :

MSVOA_L

ClientSampleId :

VL1210ABS01

Tot Ion: 43 Resp: 1374241

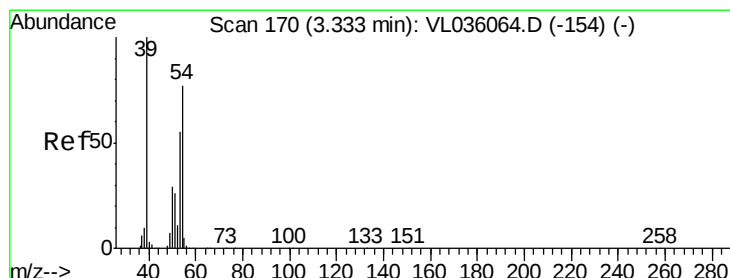
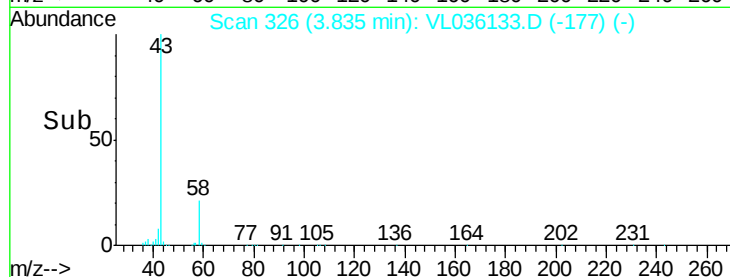
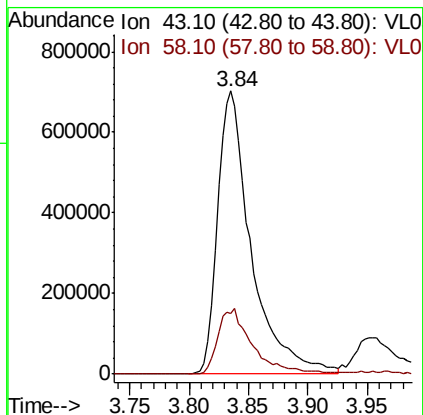
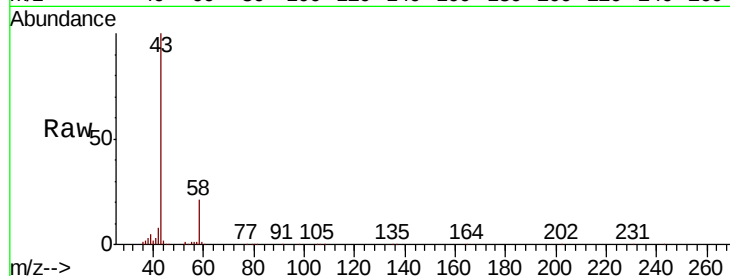
Ion Ratio Lower Upper

43 100

58 23.8 20.9 31.3

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#16

1,3-Butadiene

Concen: 9.298 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.03 min

Lab File: VL036133.D

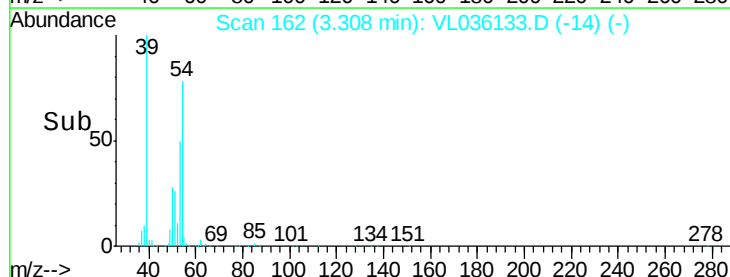
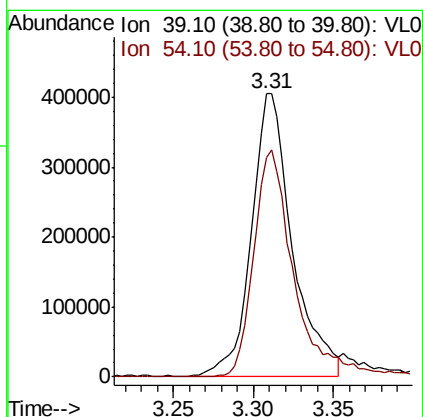
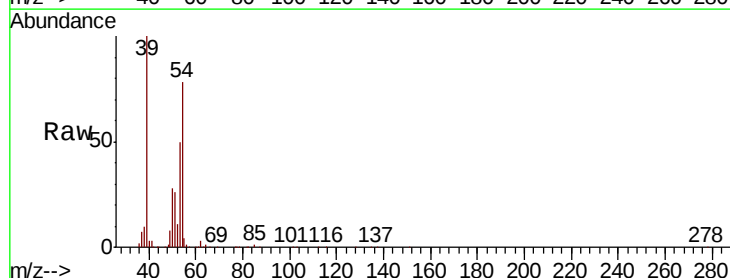
Acq: 10 Dec 2020 17:43

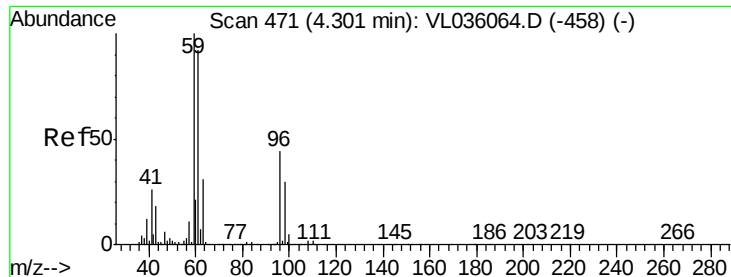
Tgt Ion: 39 Resp: 707770

Ion Ratio Lower Upper

39 100

54 80.5 62.1 93.1





#17

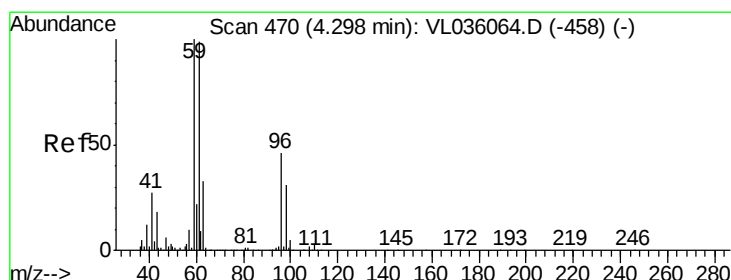
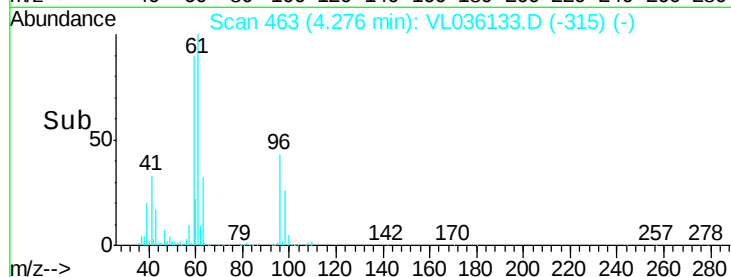
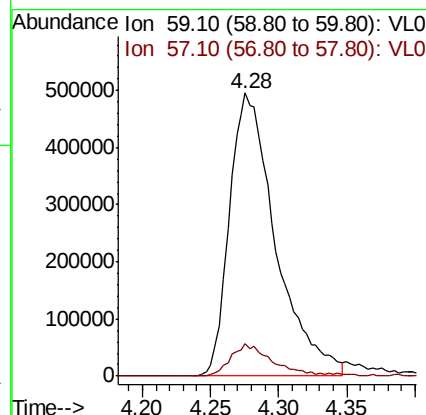
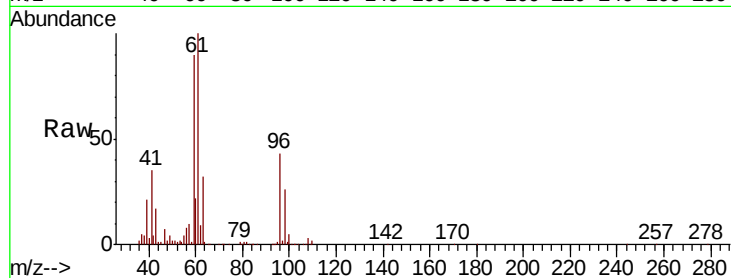
tert-Butyl alcohol
Concen: 7.953 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion: 59 Resp: 1164272
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

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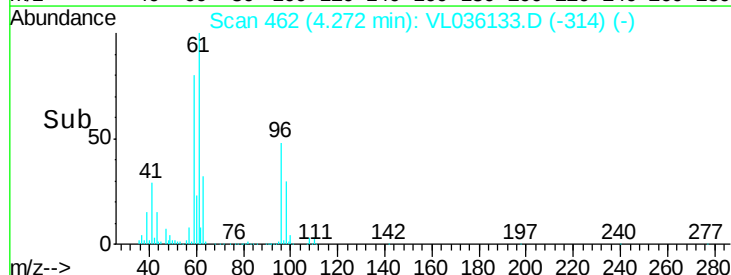
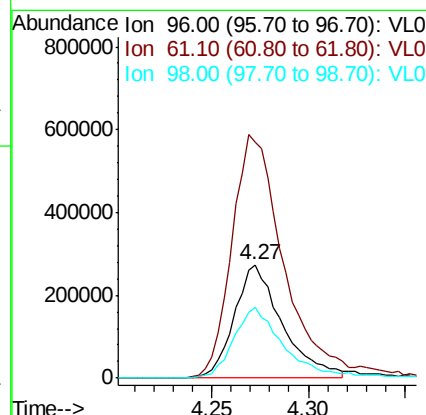
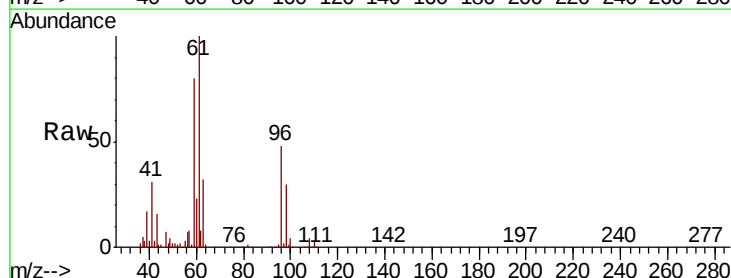
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12/15/2020 7:23:13 PM

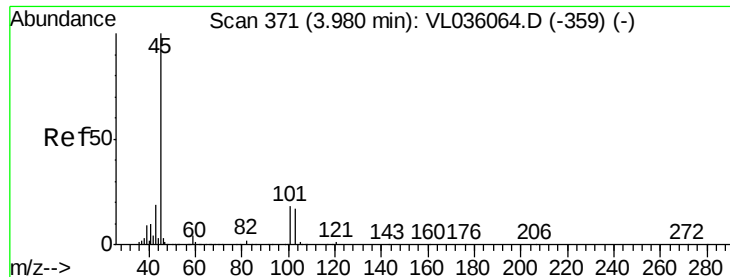


#18

1,1-Dichloroethene
Concen: 9.028 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 96 Resp: 469022
Ion Ratio Lower Upper
96 100
61 206.5 171.4 257.2
98 62.3 54.2 81.2





#19

Isopropyl Alcohol

Concen: 8.319 ppbv

RT: 3.95 min Scan# 362

Delta R.T. -0.03 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Instrument :

MSVOA_L

ClientSampleId :

VL1210ABS01

Tot Ion: 45 Resp: 768416

Ion Ratio Lower Upper

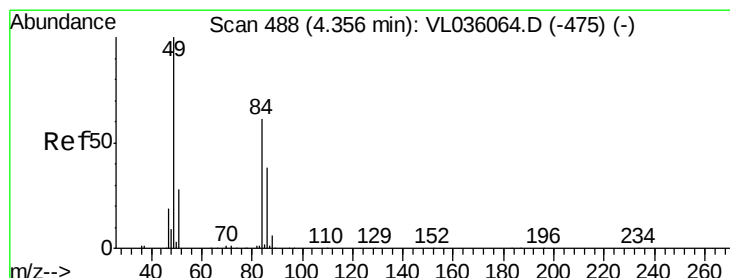
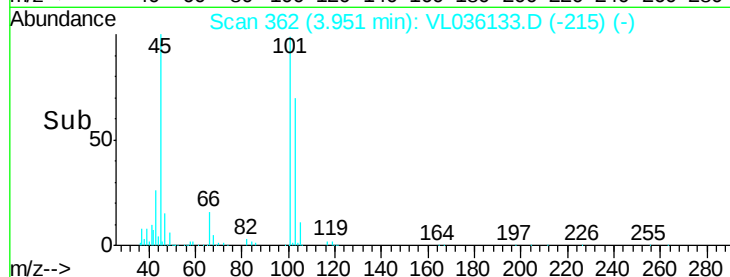
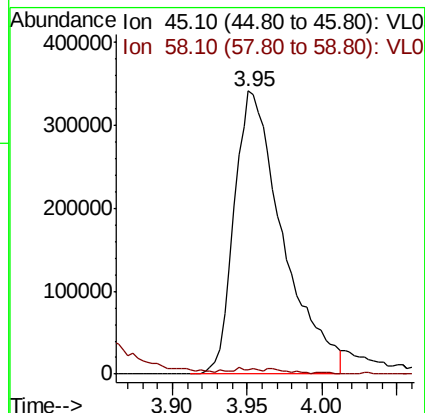
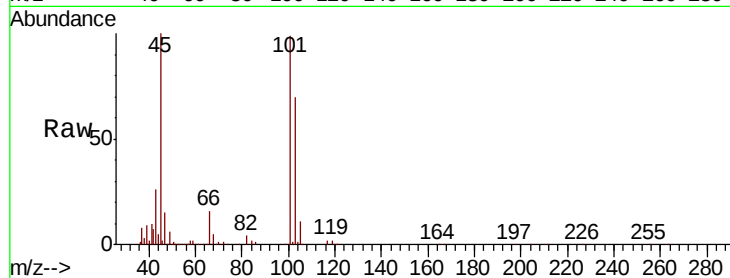
45 100

58 2.0 0.0 0.0#

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#20

Methylene Chloride

Concen: 7.322 ppbv m

RT: 4.33 min Scan# 479

Delta R.T. -0.03 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Tgt Ion: 84 Resp: 453465

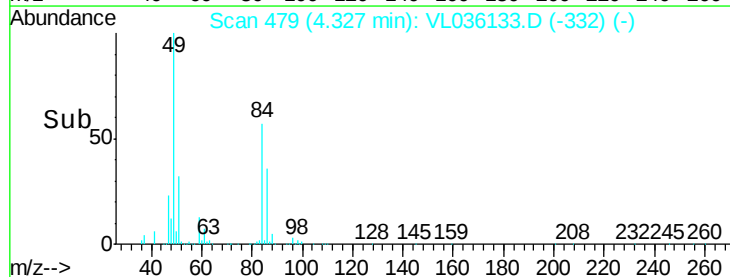
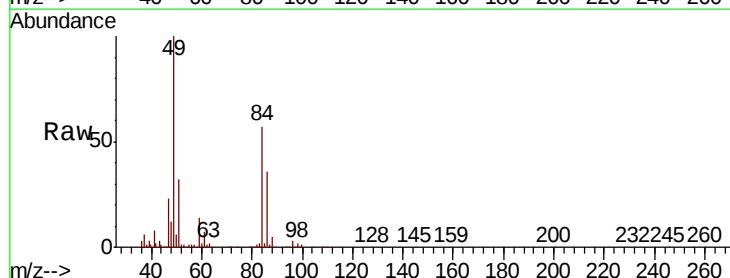
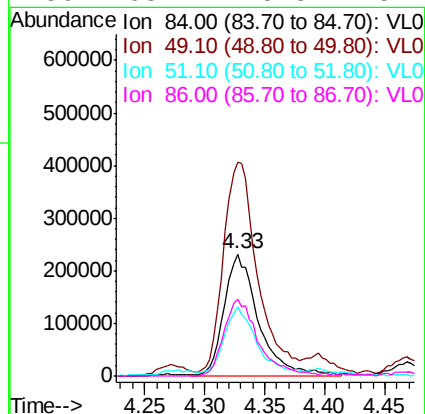
Ion Ratio Lower Upper

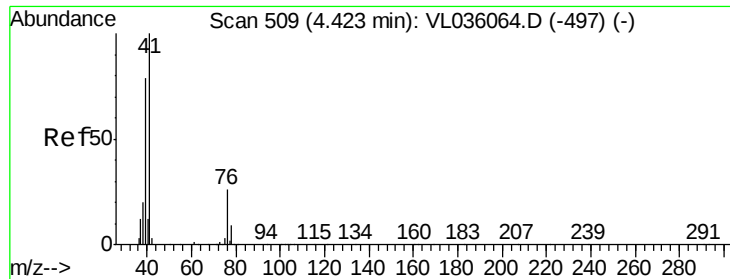
84 100

49 175.0 133.0 199.4

51 56.7 38.9 58.3

86 63.2 48.8 73.2





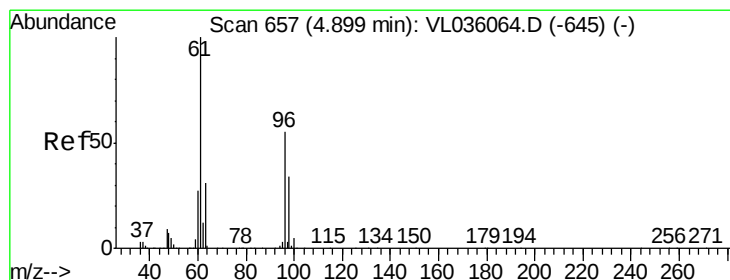
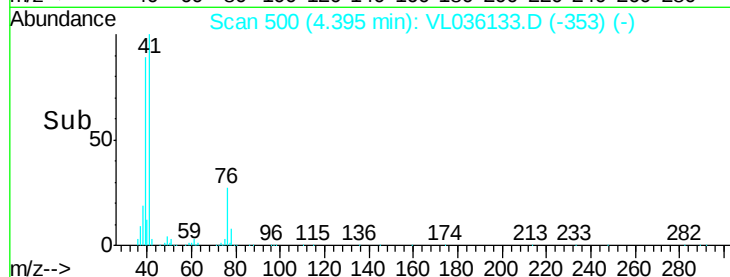
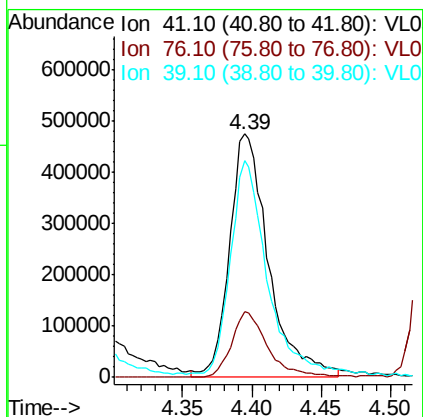
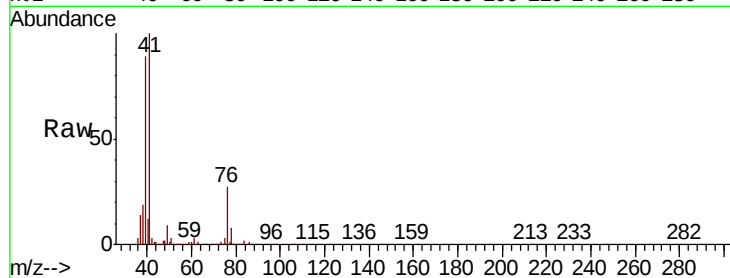
#21
Allvl Chloride
Concen: 9.275 ppbv m
RT: 4.39 min Scan# 500
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		932035		
76	25.4	21.0	31.4		
39	87.3	66.0	99.0		

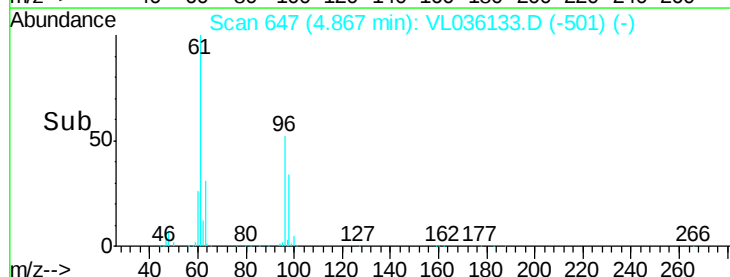
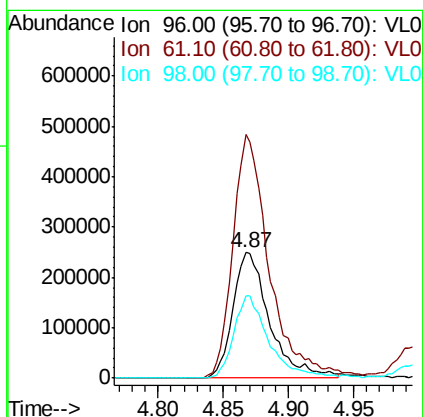
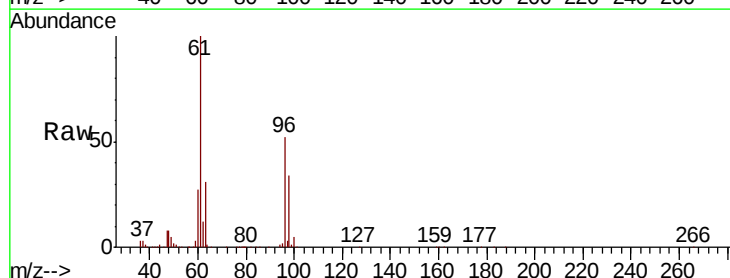
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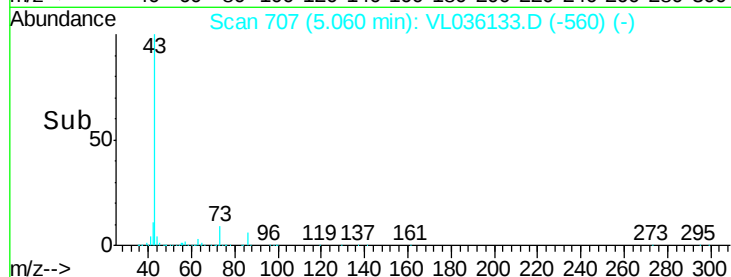
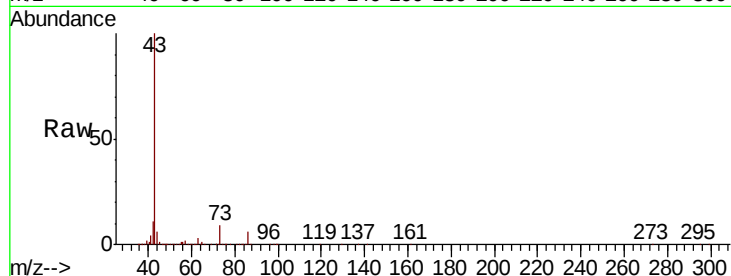
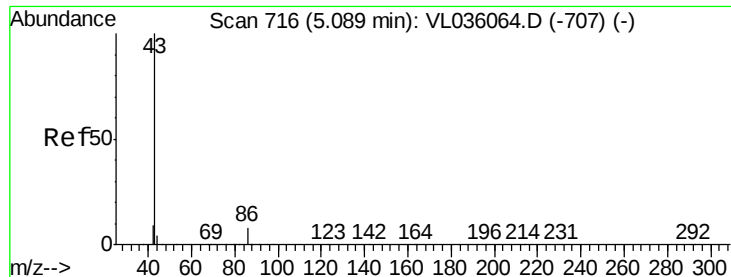
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#22
trans-1,2-Dichloroethene
Concen: 9.337 ppbv m
RT: 4.87 min Scan# 647
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		485656		
61	194.1	145.7	218.5		
98	65.3	49.2	73.8		





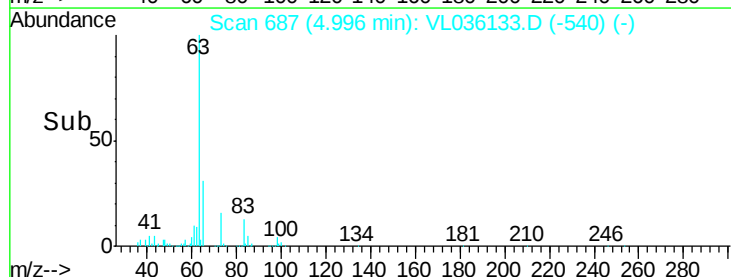
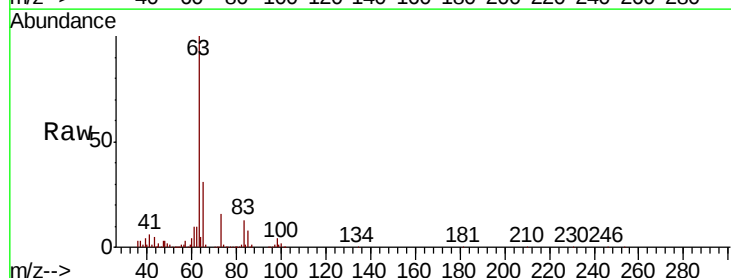
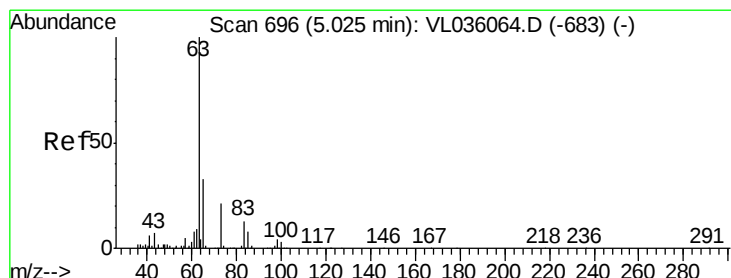
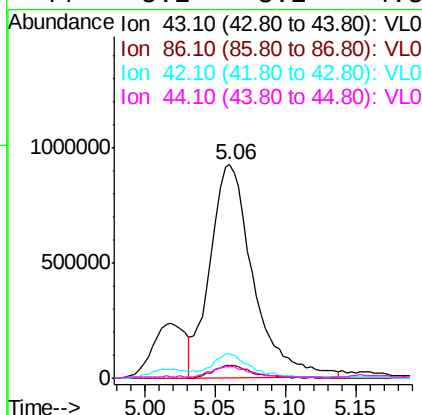
#23
 Vinyl Acetate
 Concen: 9.775 ppbv
 RT: 5.06 min Scan# 707
 Delta R.T. -0.03 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tot Ion	43	Resp	1966749
Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.0	7.4
42	11.0	7.8	11.6
44	5.2	3.2	4.8

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

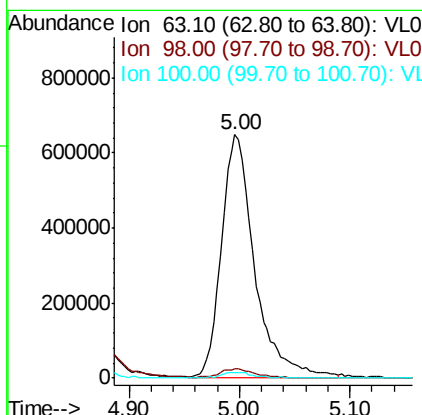
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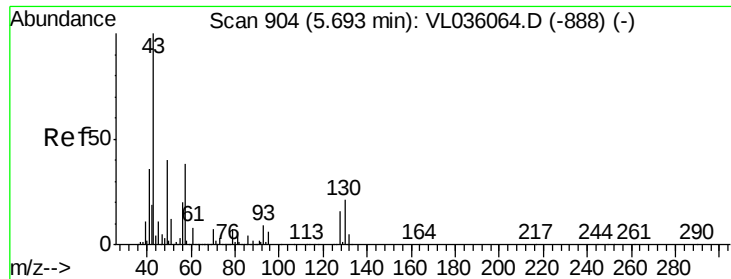
MMDadoda
 12/15/2020 7:23:13 PM



#24
 1,1-Dichloroethane
 Concen: 9.448 ppbv
 RT: 5.00 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion	63	Resp	1336998
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.2	6.6
100	2.3	1.5	4.4





#25

Ethyl Acetate

Concen: 9.664 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.03 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Instrument :

MSVOA_L

ClientSampleId :

VL1210ABS01

Tot Ion: 43 Resp: 2917768

Ion Ratio Lower Upper

43 100

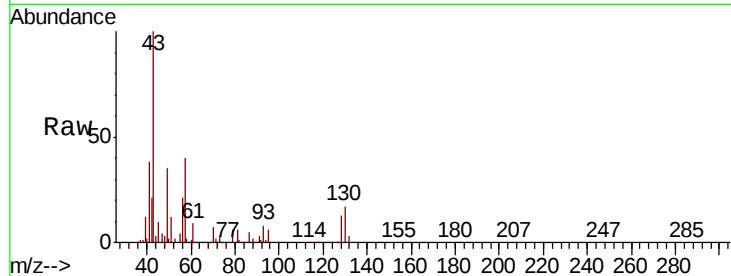
45 10.3 8.2 12.4

61 9.3 7.4 11.2

70 6.7 5.4 8.0

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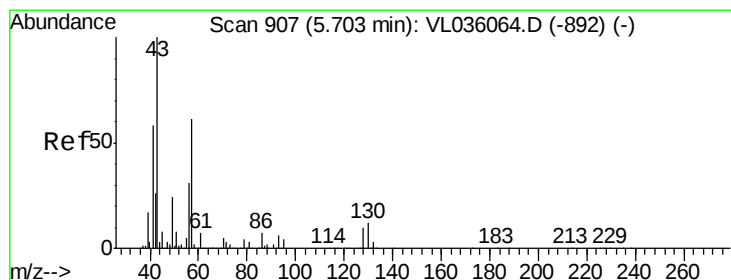
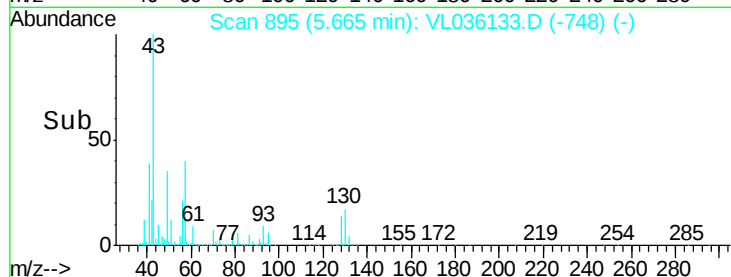
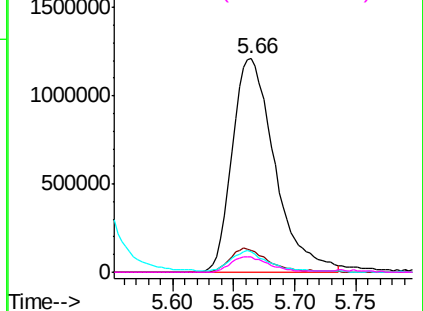


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 8.818 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.03 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Tgt Ion: 57 Resp: 1198124

Ion Ratio Lower Upper

57 100

41 106.2 82.9 124.3

43 250.1 199.9 299.9

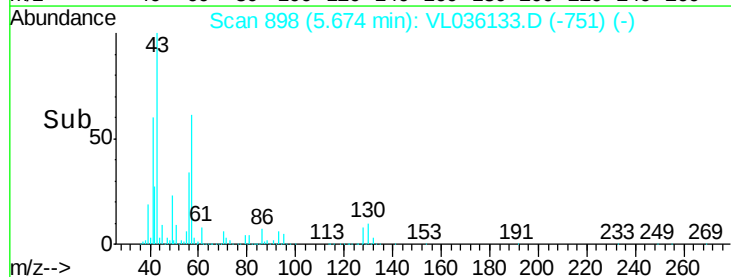
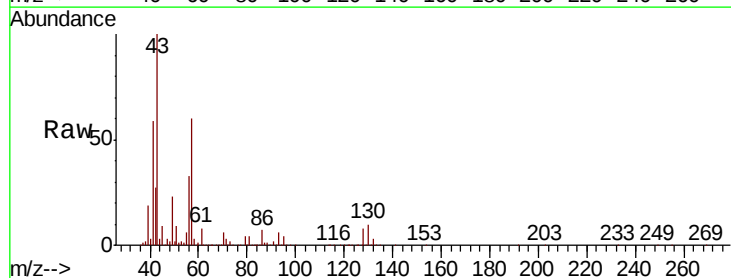
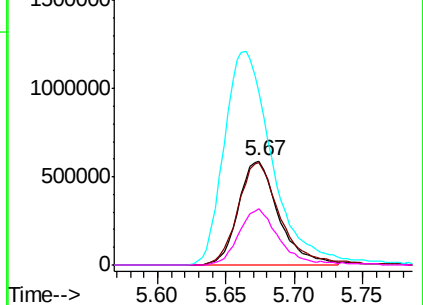
56 55.1 43.1 64.7

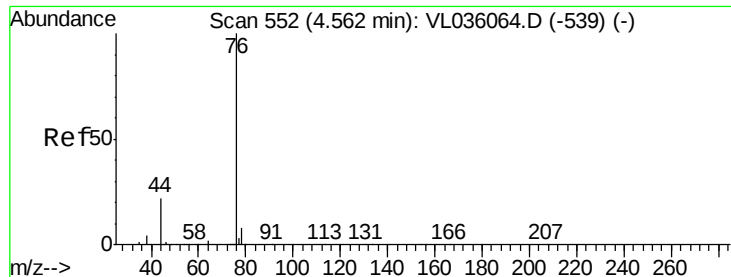
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





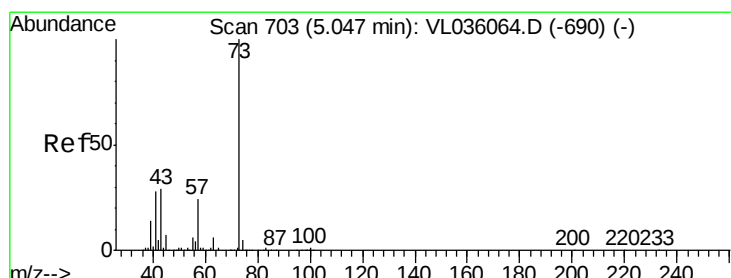
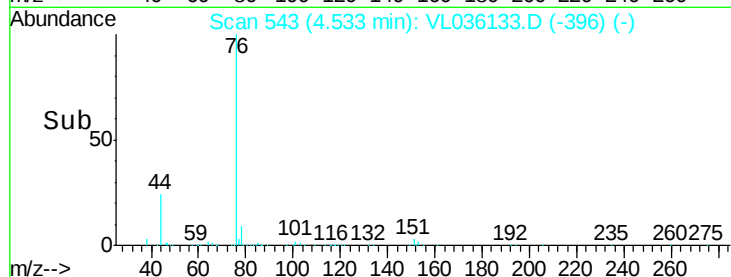
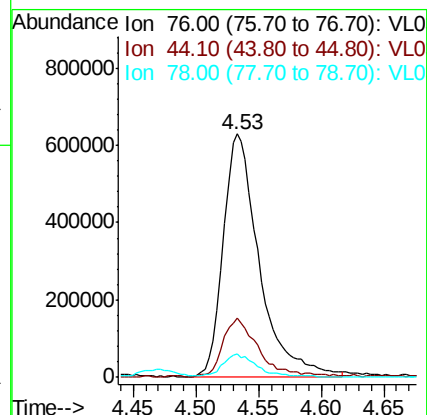
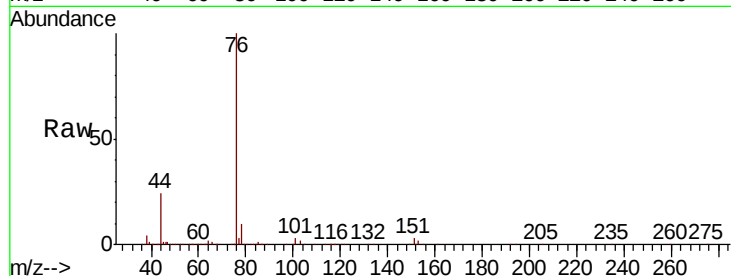
#27
Carbon Disulfide
Concen: 9.266 ppbv
RT: 4.53 min Scan# 543
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion	Ratio	Lower	Upper
76	100		
44	25.2	17.9	26.9
78	9.4	7.8	11.8

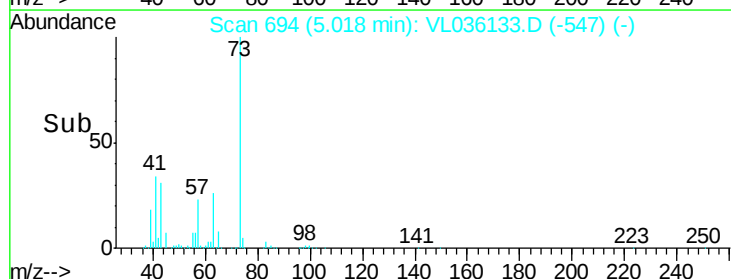
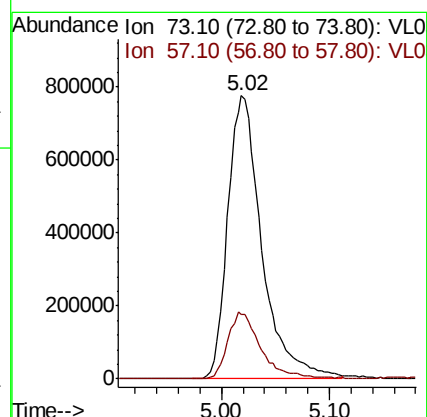
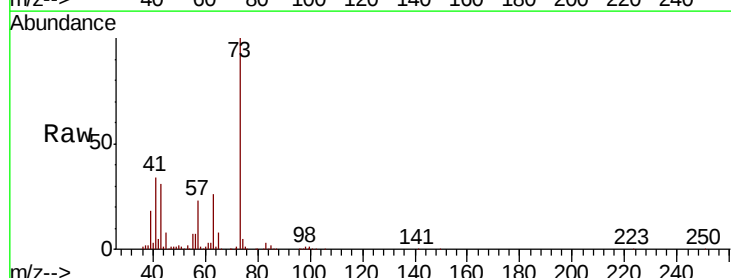
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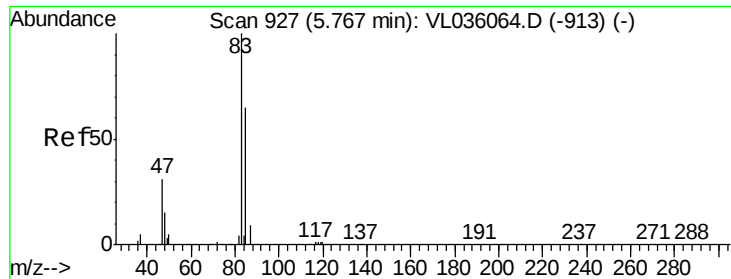
MMDadoda
12/15/2020 7:23:13 PM



#28
Methyl tert-Butyl Ether
Concen: 8.856 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.2	19.2	28.8





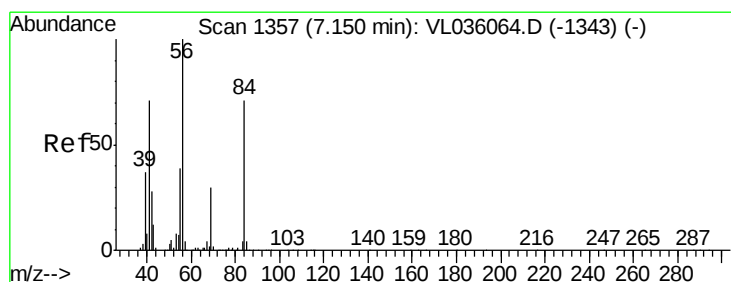
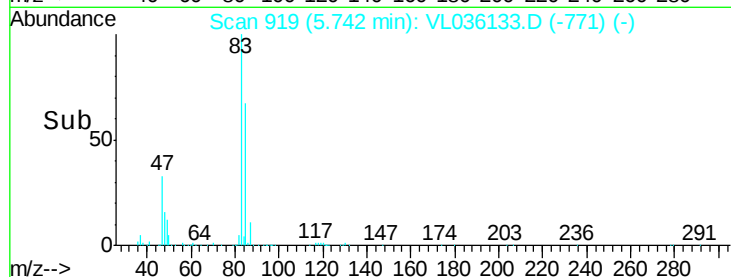
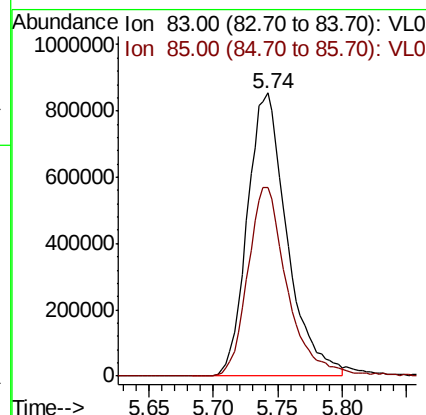
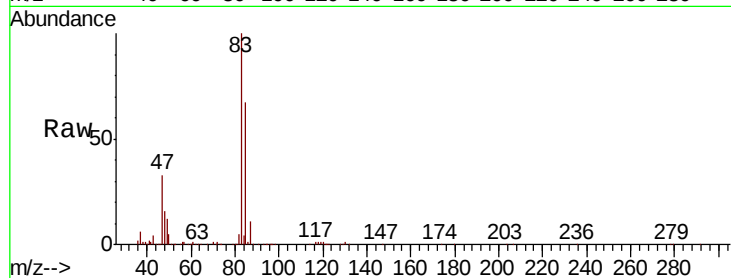
#29
Chloroform
Concen: 10.273 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion: 83 Resp: 1833078
Ion Ratio Lower Upper
83 100
85 66.6 51.8 77.6

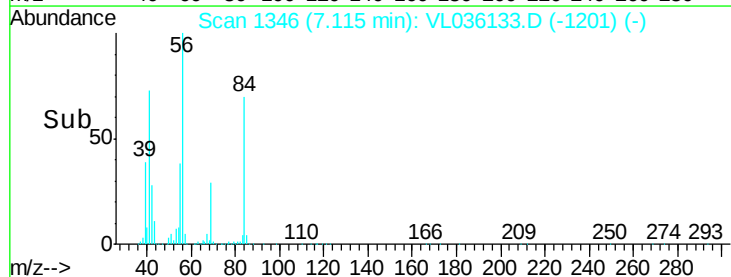
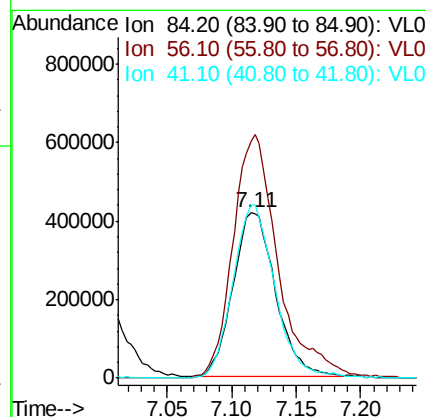
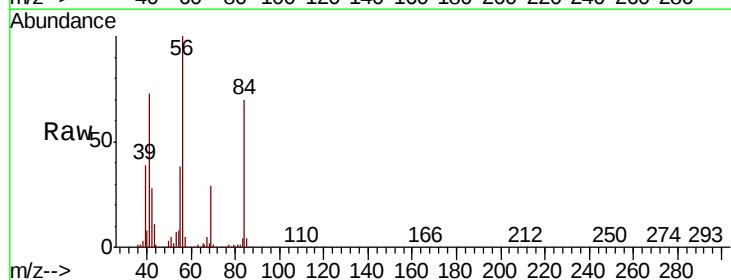
Manual Integrations
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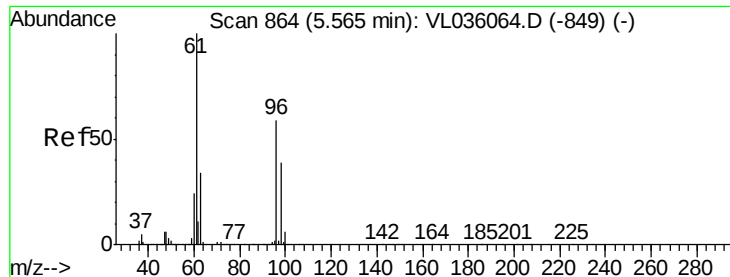
MMDadoda
12/15/2020 7:23:13 PM



#30
Cyclohexane
Concen: 9.584 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 84 Resp: 956660
Ion Ratio Lower Upper
84 100
56 159.5 128.0 192.0
41 105.6 81.3 121.9





#31

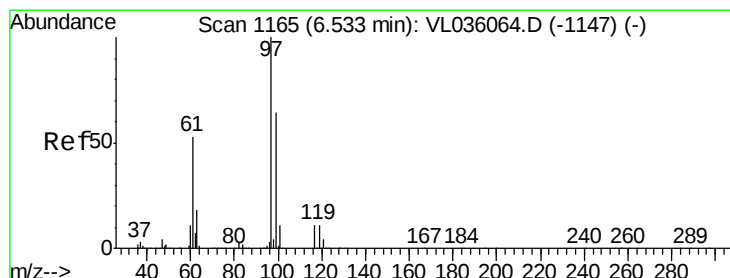
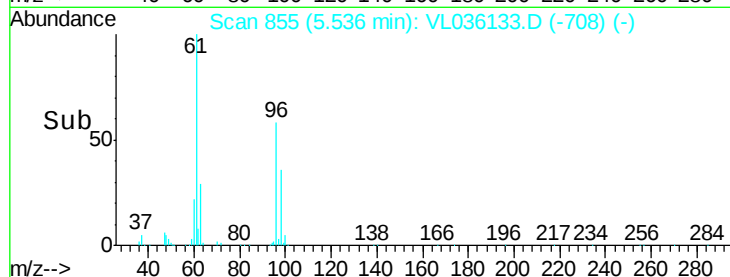
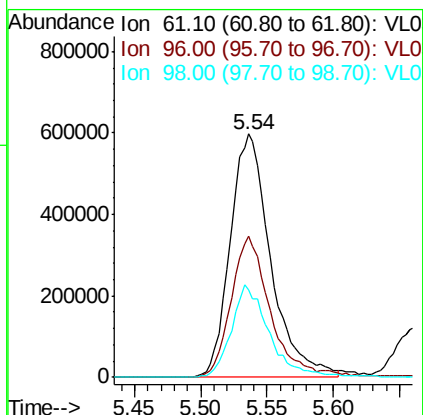
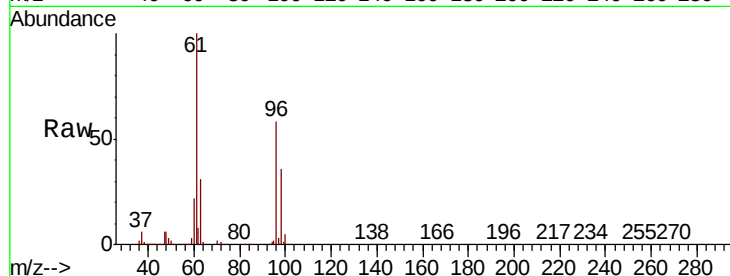
cis-1,2-Dichloroethene
 Concen: 10.245 ppbv
 RT: 5.54 min Scan# 855
 Delta R.T. -0.03 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion	Ratio	Lower	Upper
61	100		
96	57.9	47.3	70.9
98	35.8	31.4	47.0

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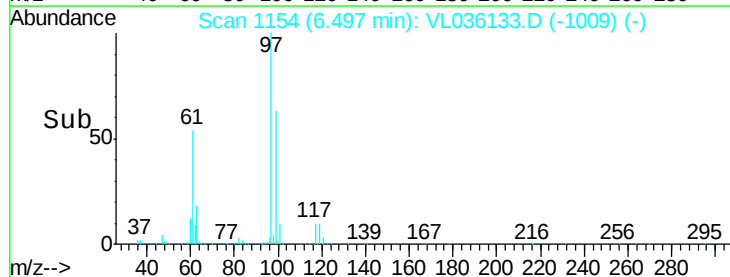
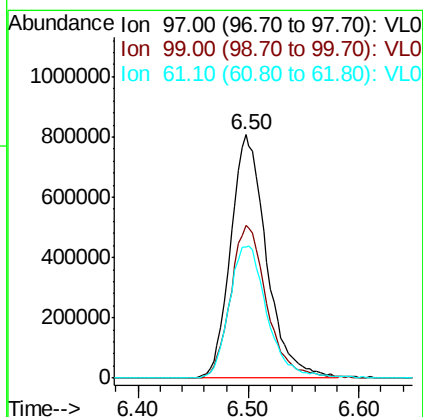
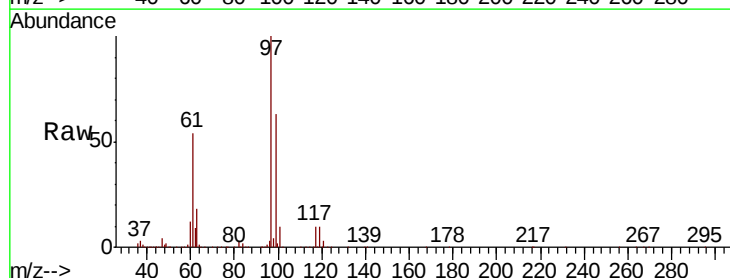
MMDadoda
 12/15/2020 7:23:13 PM

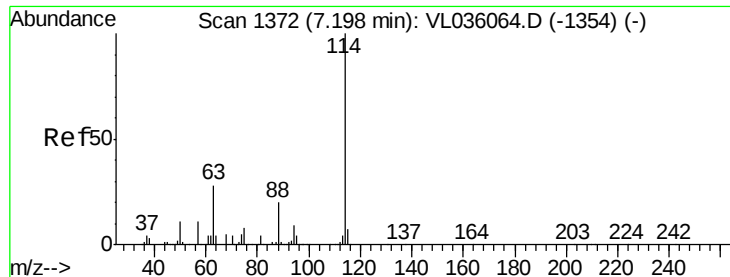


#32

1,1,1-Trichloroethane
 Concen: 9.877 ppbv
 RT: 6.50 min Scan# 1154
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.4	78.6
61	57.6	43.4	65.0





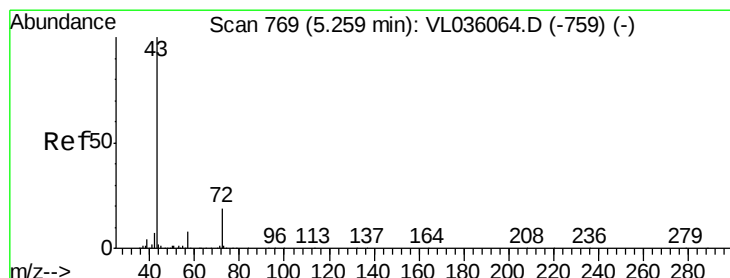
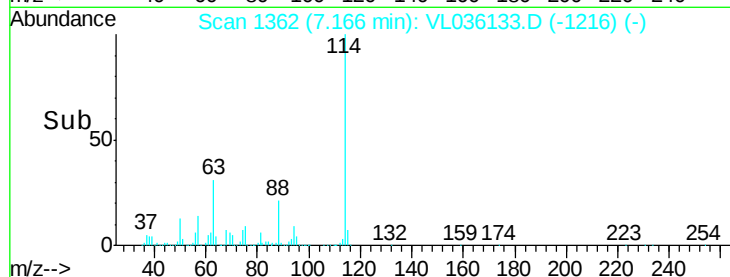
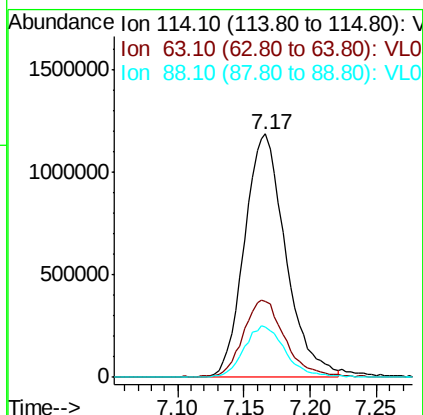
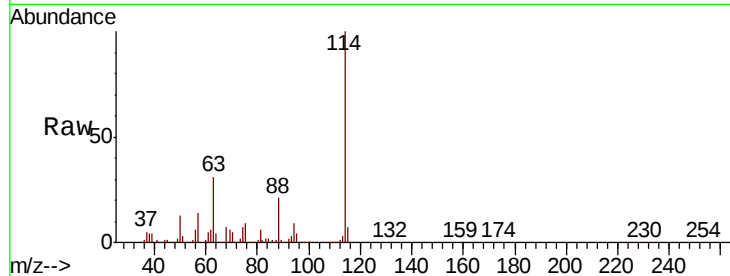
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.03 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion	Ratio	Lower	Upper
114	100		
63	32.7	23.6	35.4
88	21.4	15.8	23.6

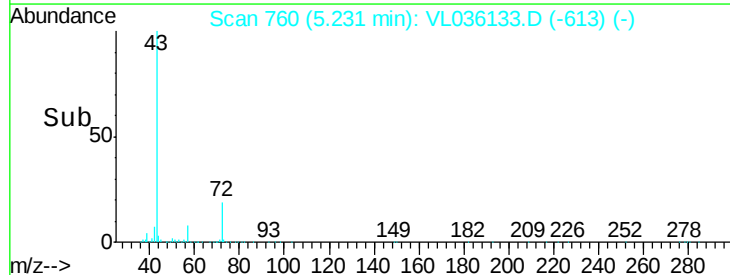
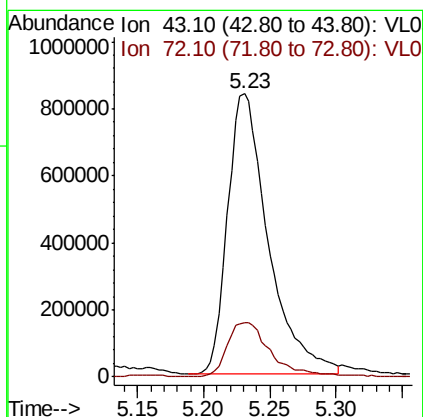
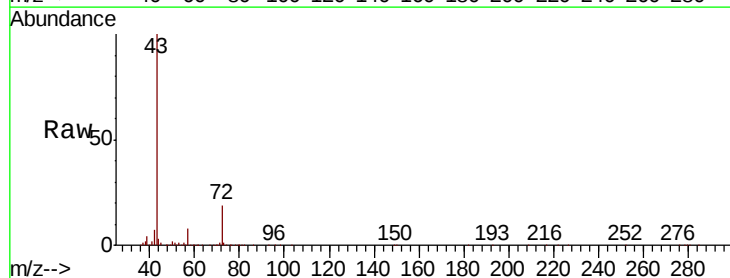
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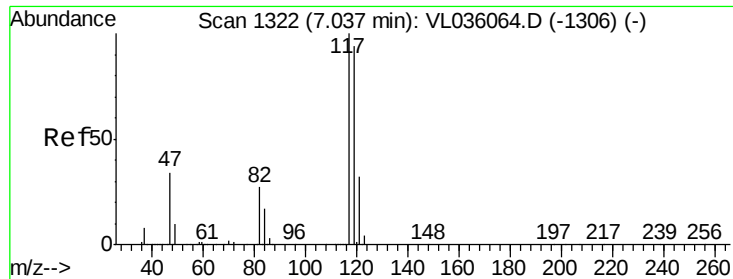
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 12/15/2020 7:23:13 PM



#34
 2-Butanone
 Concen: 10.500 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.7	16.5	24.7





#35

Carbon Tetrachloride

Concen: 11.736 ppbv

RT: 7.01 min Scan# 1312

Delta R.T. -0.03 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Instrument :

MSVOA_L

ClientSampleId :

VL1210ABS01

Tot Ion:117 Resp: 1762445

Ion Ratio Lower Upper

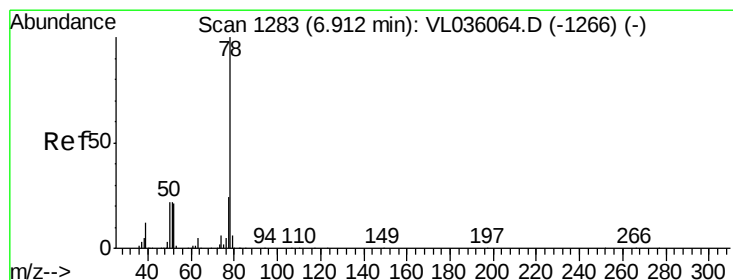
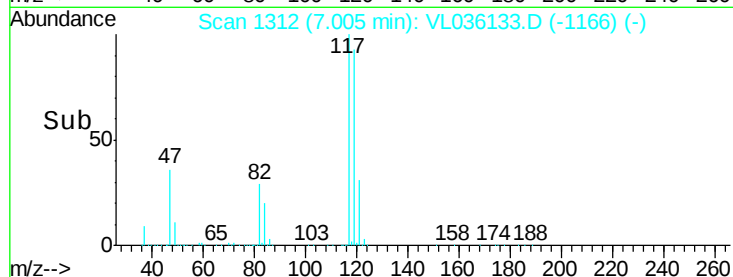
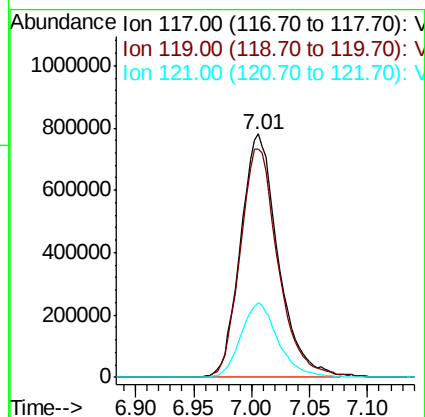
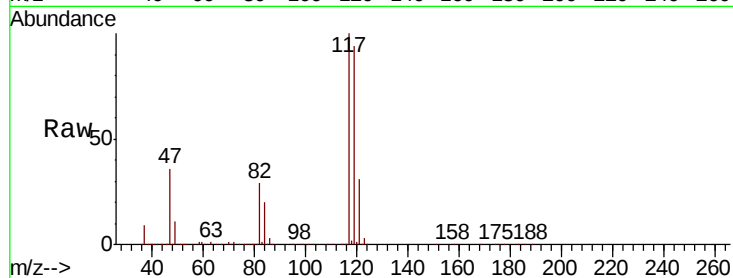
117 100

119 93.6 75.1 112.7

121 30.6 25.6 38.4

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#36

Benzene

Concen: 11.085 ppbv

RT: 6.88 min Scan# 1272

Delta R.T. -0.04 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

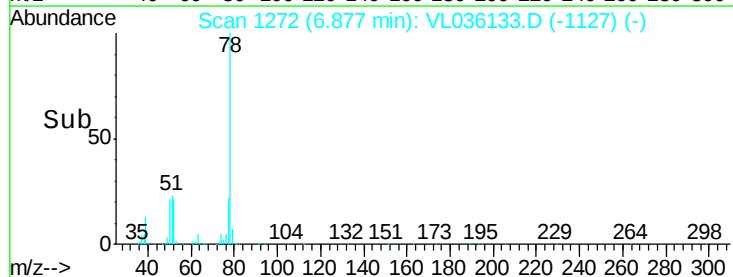
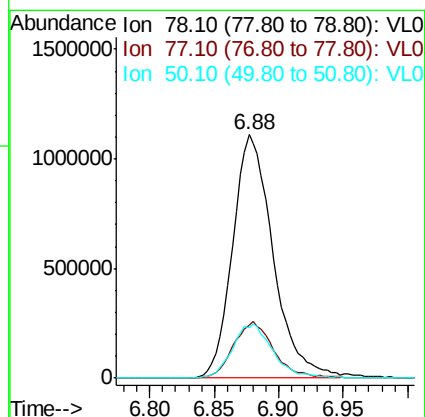
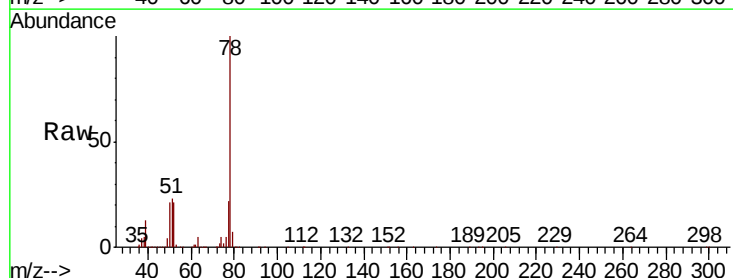
Tgt Ion: 78 Resp: 2419285

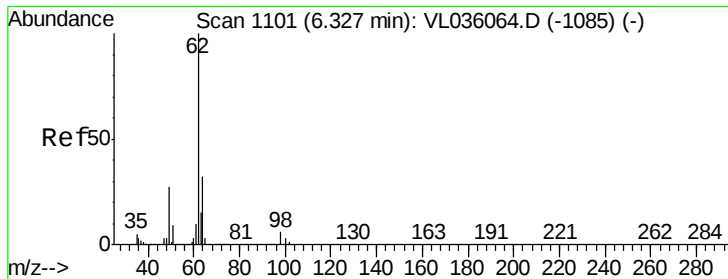
Ion Ratio Lower Upper

78 100

77 21.6 19.4 29.2

50 20.8 17.8 26.8





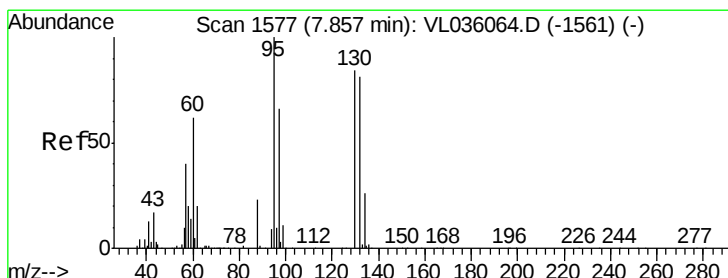
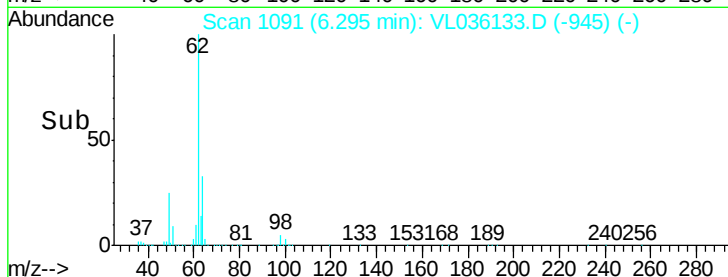
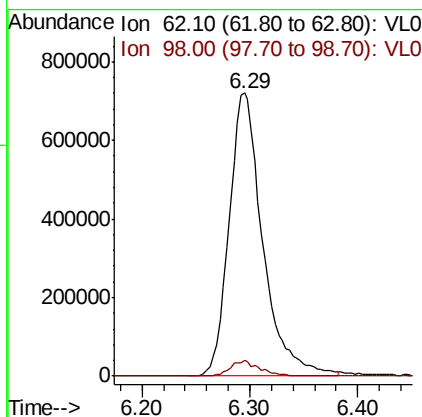
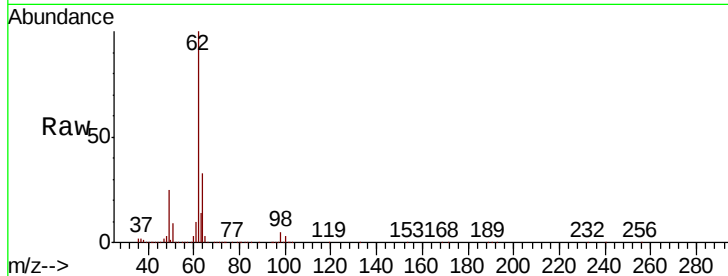
#37
 1,2-Dichloroethane
 Concen: 12.385 ppbv
 RT: 6.29 min Scan# 1091
 Delta R.T. -0.03 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion	Ratio	Lower	Upper
62	100		
98	5.2	4.6	7.0

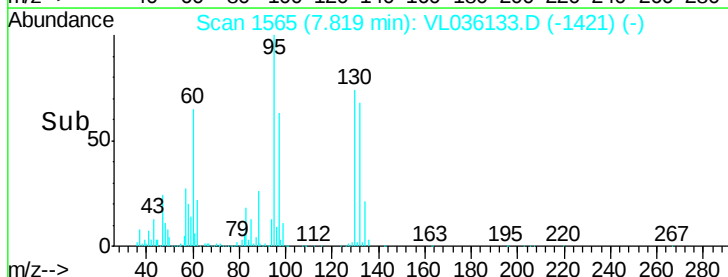
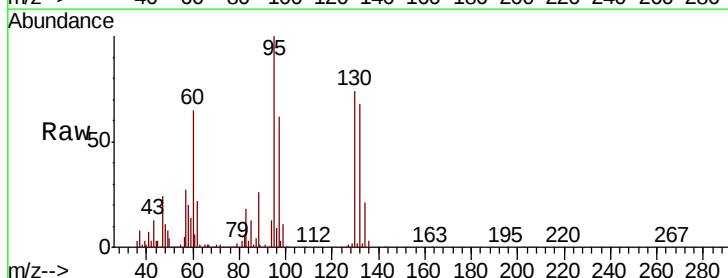
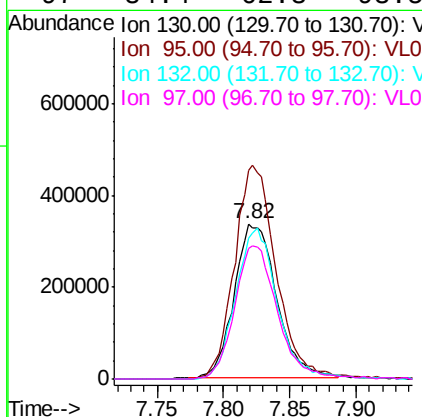
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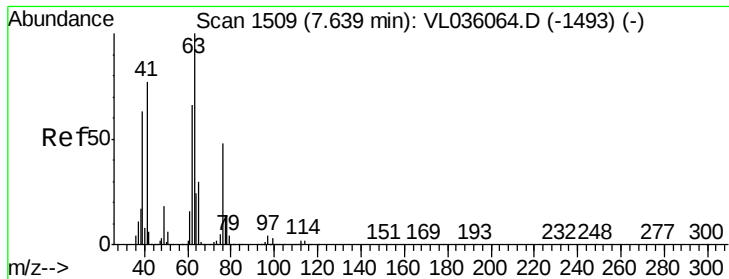
MMDadoda
 12/15/2020 7:23:13 PM



#38
 Trichloroethene
 Concen: 9.232 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	135.1	95.2	142.8
132	91.3	76.9	115.3
97	84.4	62.3	93.5





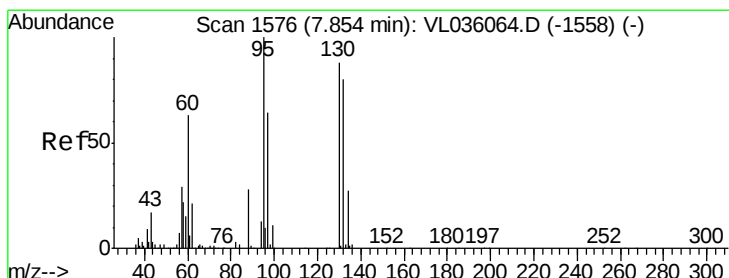
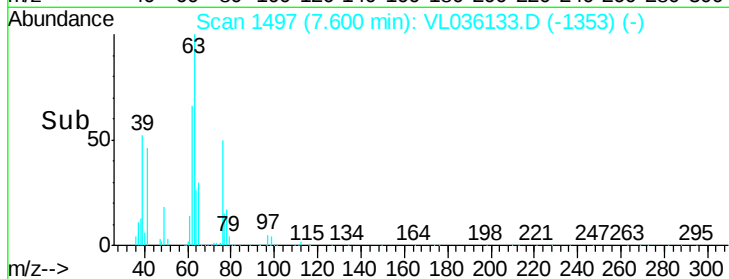
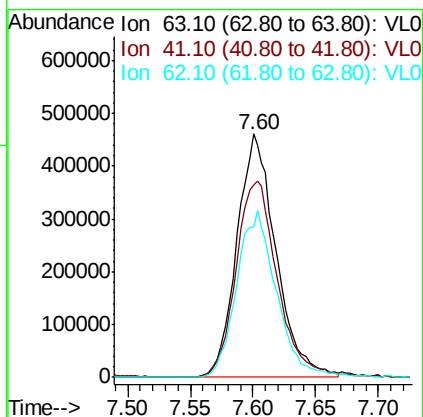
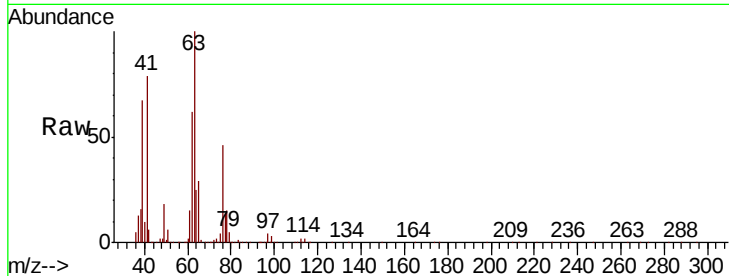
#39
 1,2-Dichloropropane
 Concen: 11.555 ppbv
 RT: 7.60 min Scan# 1497
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion:	63	Resp:	995886
Ion Ratio	Lower	Upper	
63	100		
41	78.7	61.9	92.9
62	61.8	52.5	78.7

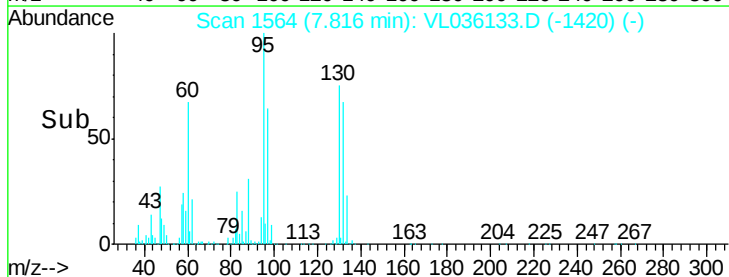
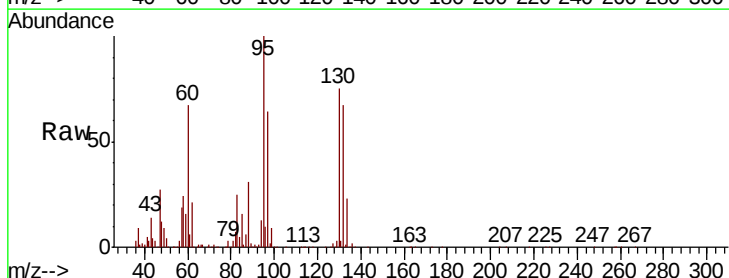
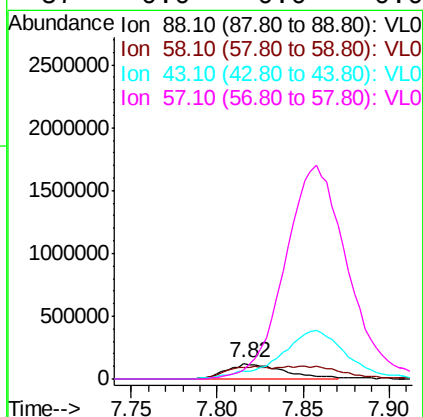
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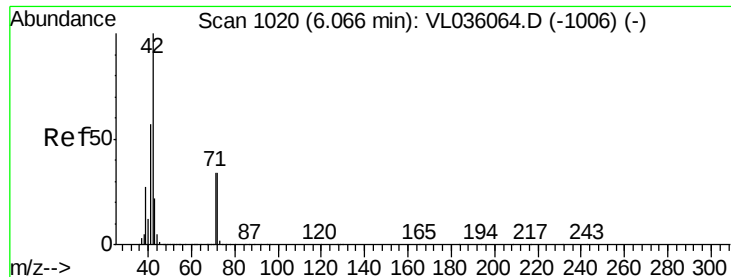
MMDadoda
 12/15/2020 7:23:13 PM



#40
 1,4-Dioxane
 Concen: 10.448 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion:	88	Resp:	283241
Ion Ratio	Lower	Upper	
88	100		
58	63.2	122.6	184.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





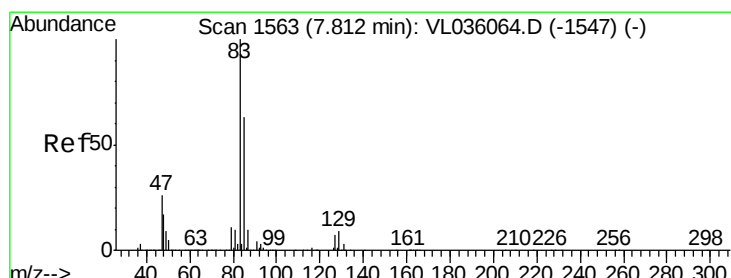
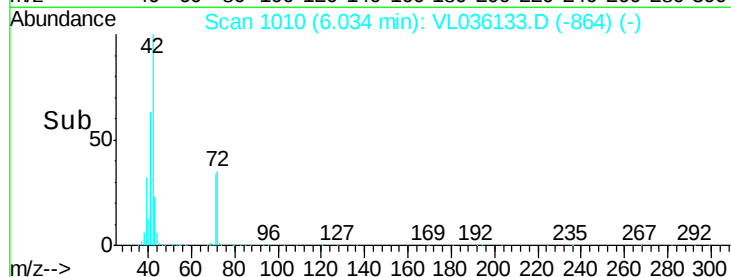
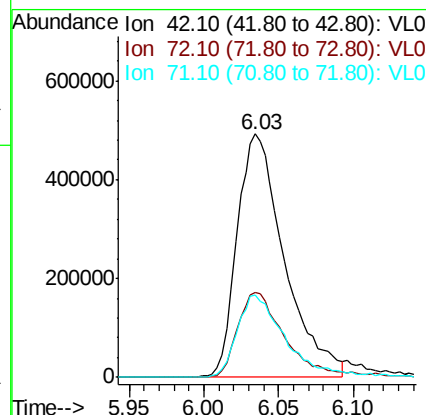
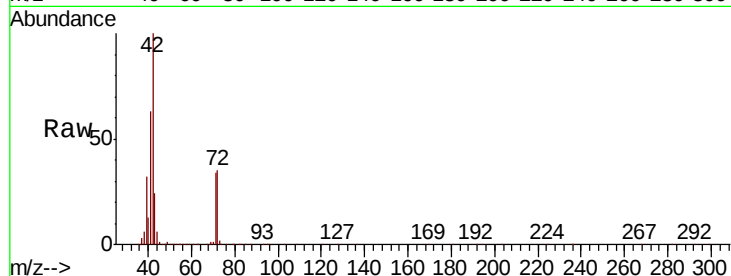
#41
Tetrahydrofuran
Concen: 10.641 ppbv
RT: 6.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.1	28.3	42.5
71	35.1	27.3	40.9

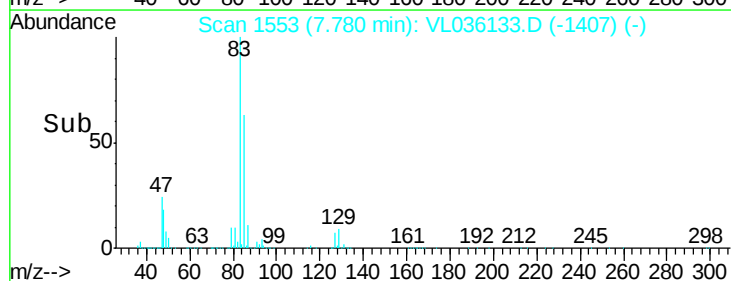
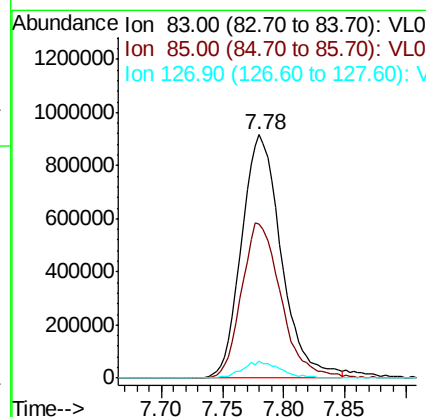
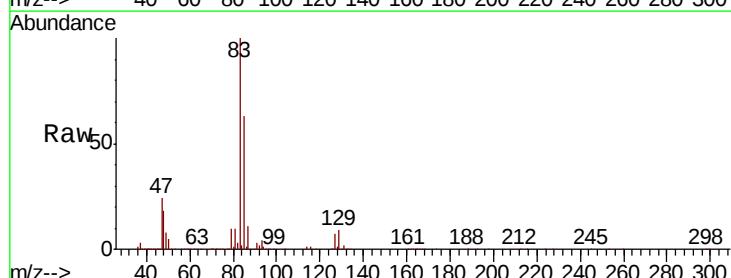
Manual Integrations
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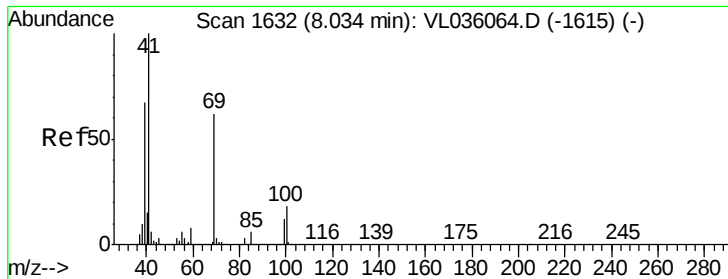
MMDadoda
12/15/2020 7:23:13 PM



#42
Bromodichloromethane
Concen: 12.233 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.2	75.2
127	6.8	5.5	8.3





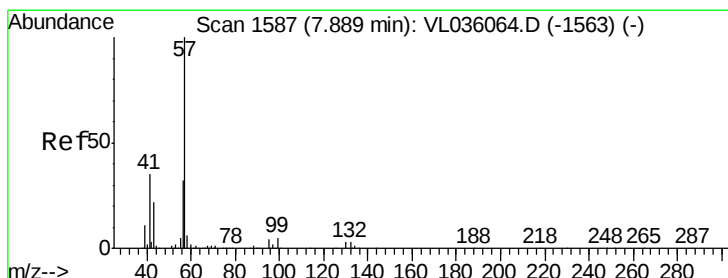
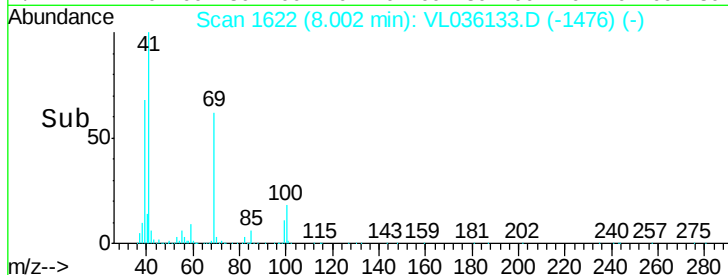
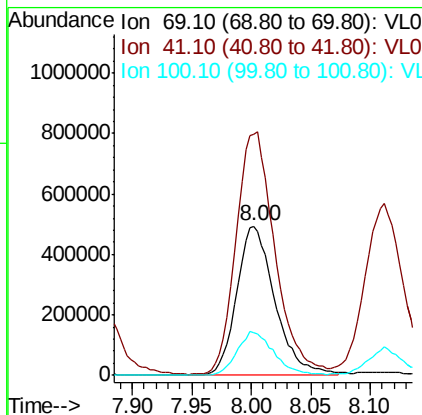
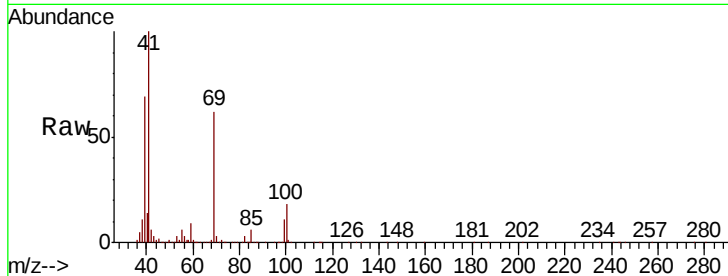
#43
Methvl Methacrylate
Concen: 11.744 ppbv
RT: 8.00 min Scan# 1622
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion: 69 Resp: 1099574
Ion Ratio Lower Upper
69 100
41 167.0 133.0 199.6
100 28.5 25.4 38.0

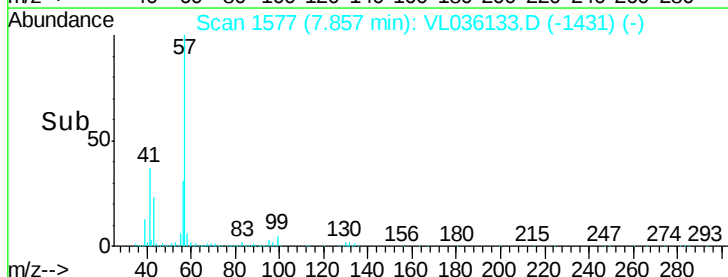
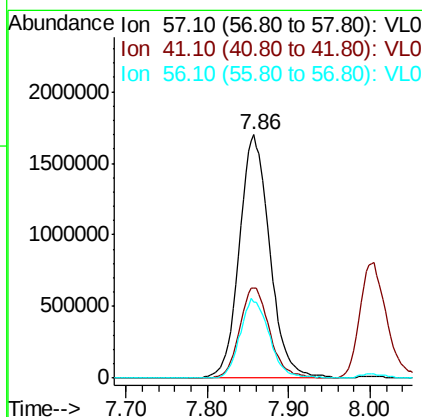
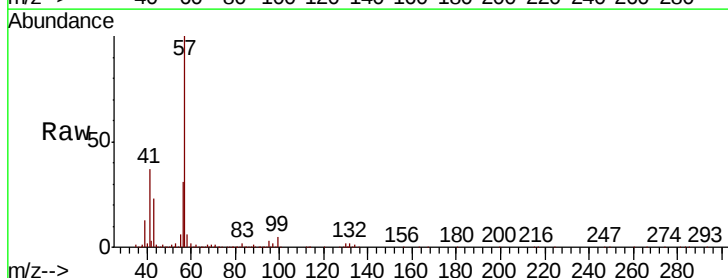
Manual Integrations
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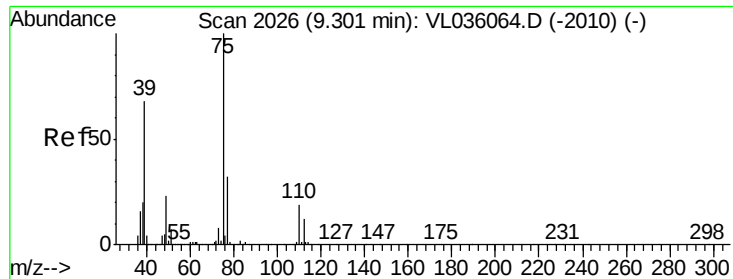
MMDadoda
12/15/2020 7:23:13 PM



#44
2,2,4-Trimethylpentane
Concen: 11.053 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 57 Resp: 4368735
Ion Ratio Lower Upper
57 100
41 36.3 28.9 43.3
56 31.3 25.3 37.9





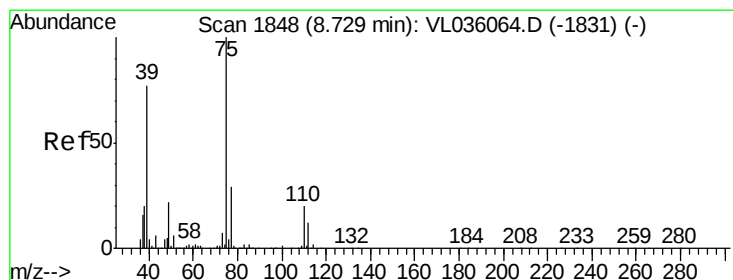
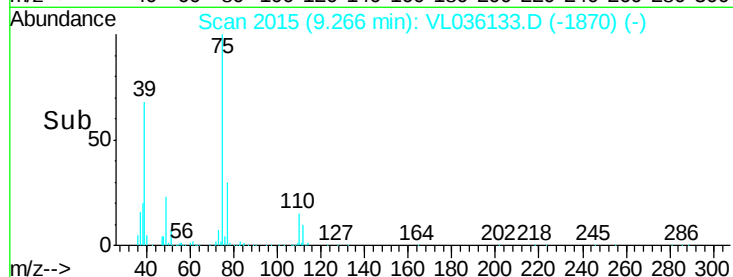
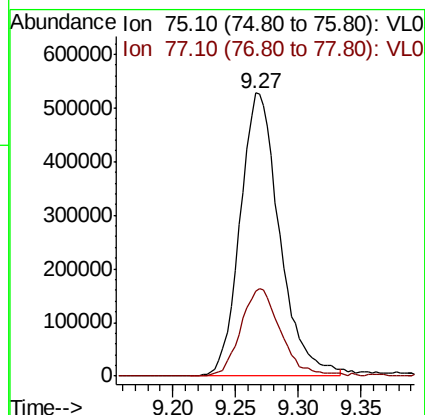
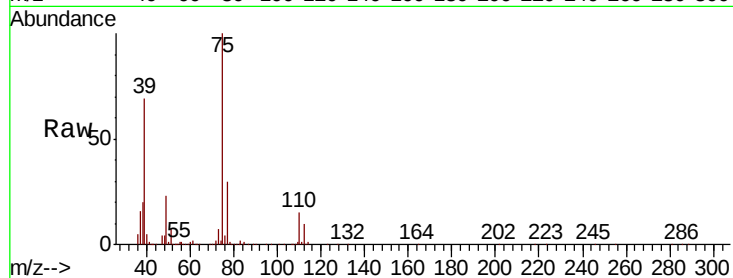
#45
t-1,3-Dichloropropene
Concen: 11.982 ppbv
RT: 9.27 min Scan# 2015
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion: 75 Resp: 1152553
Ion Ratio Lower Upper
75 100
77 30.0 26.0 39.0

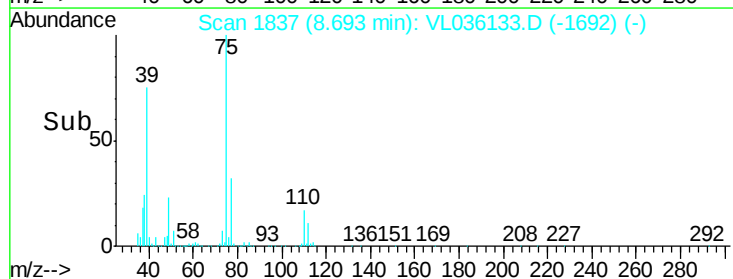
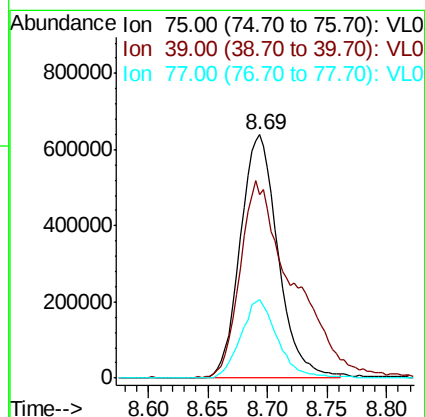
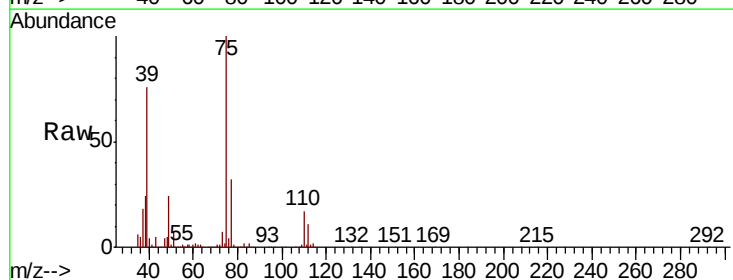
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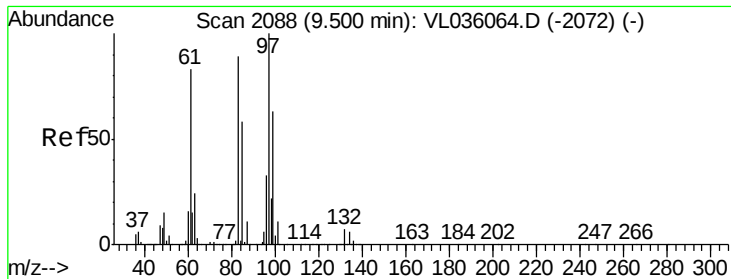
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 11.658 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 75 Resp: 1405533
Ion Ratio Lower Upper
75 100
39 75.2 61.6 92.4
77 32.5 23.0 34.6





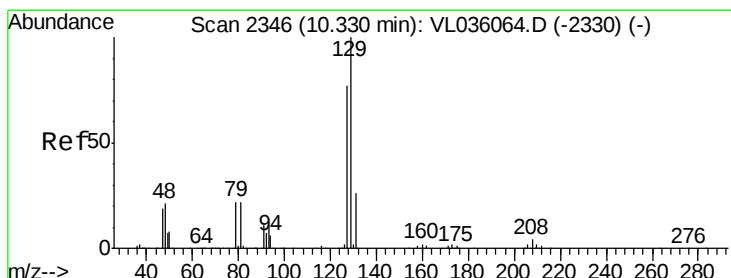
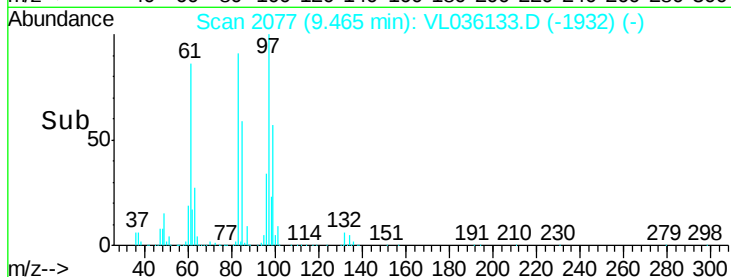
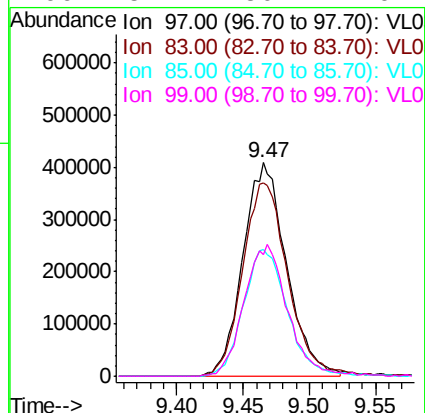
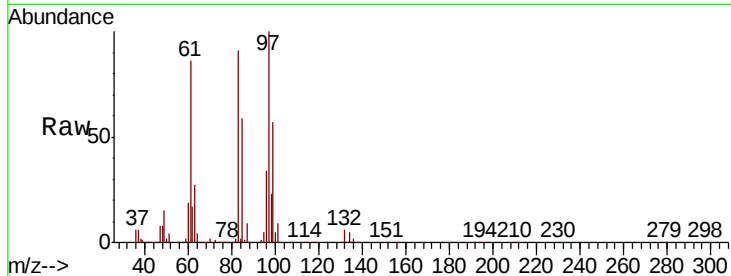
#47
 1,1,2-Trichloroethane
 Concen: 11.250 ppbv
 RT: 9.47 min Scan# 2077
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		932807		
83	90.6	71.4	107.2		
85	59.5	46.6	70.0		
99	57.1	50.7	76.1		

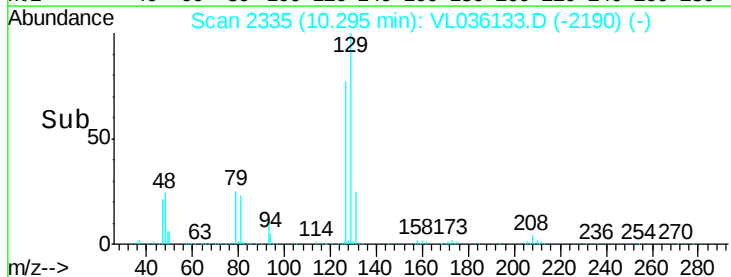
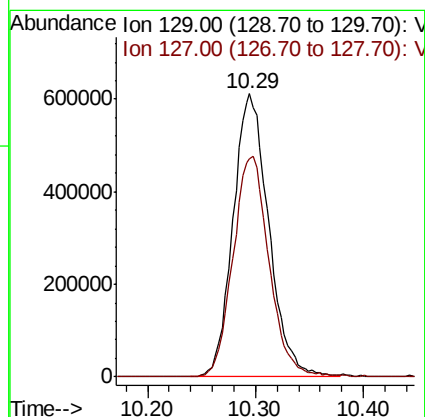
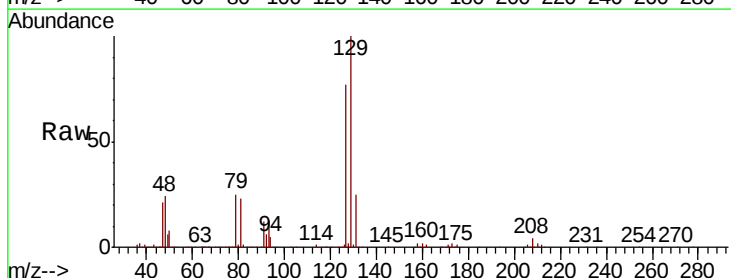
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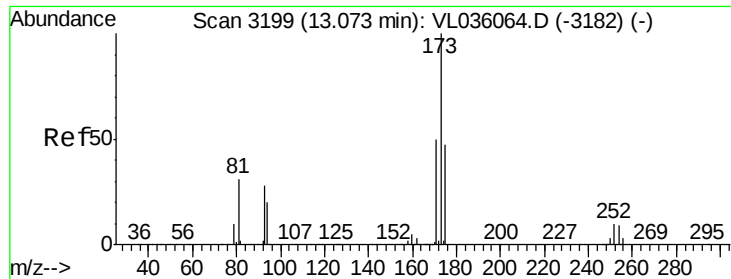
MMDadoda
 12/15/2020 7:23:13 PM



#48
 Dibromochloromethane
 Concen: 11.260 ppbv
 RT: 10.29 min Scan# 2335
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
129	100		1409980		
127	79.3	39.0	117.0		





#49

Bromoform

Concen: 11.072 ppbv

RT: 13.03 min Scan# 3187

Delta R.T. -0.04 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Instrument :

MSVOA_L

ClientSampleId :

VL1210ABS01

Tot Ion:173 Resp: 1091186

Ion Ratio Lower Upper

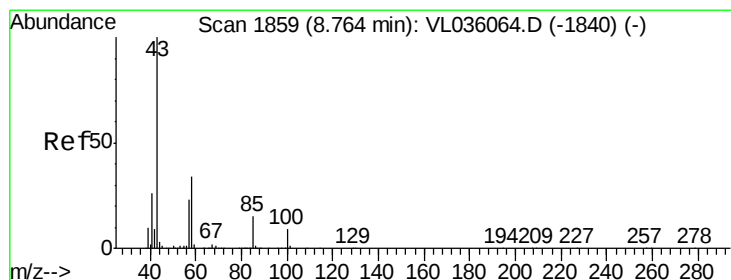
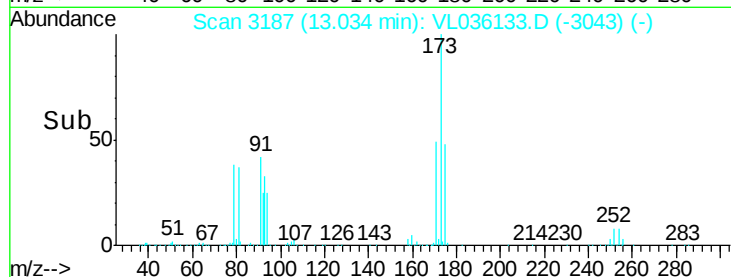
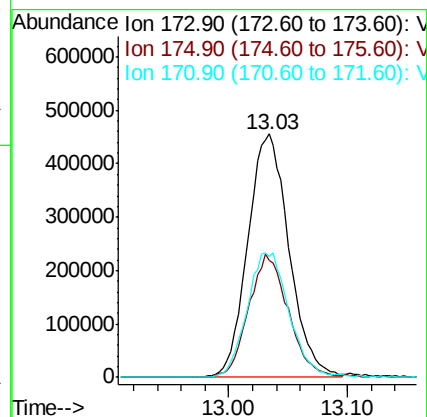
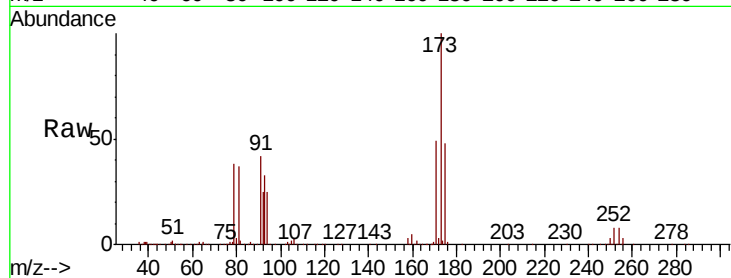
173 100

175 49.2 39.8 59.6

171 52.1 42.5 63.7

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#50

4-Methyl-2-Pentanone

Concen: 11.383 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.03 min

Lab File: VL036133.D

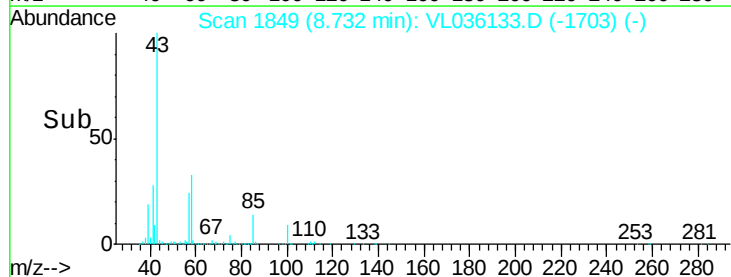
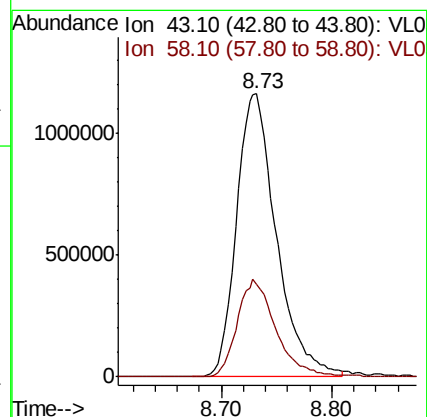
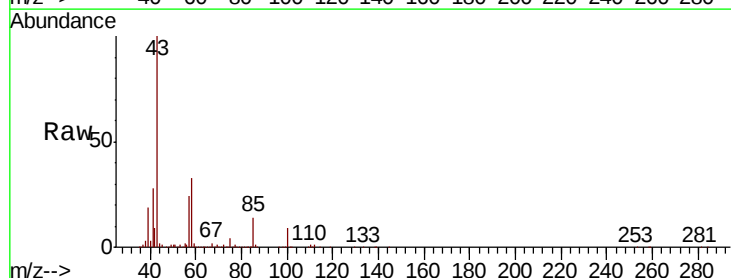
Acq: 10 Dec 2020 17:43

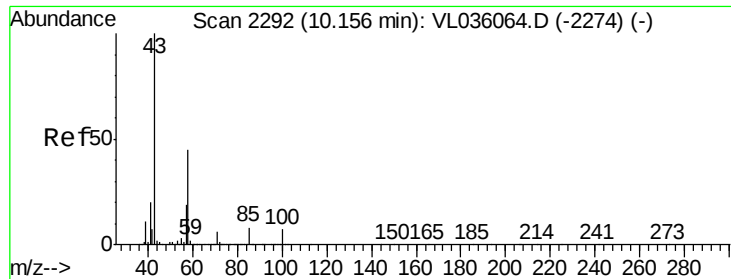
Tgt Ion: 43 Resp: 2899890

Ion Ratio Lower Upper

43 100

58 33.9 27.4 41.2





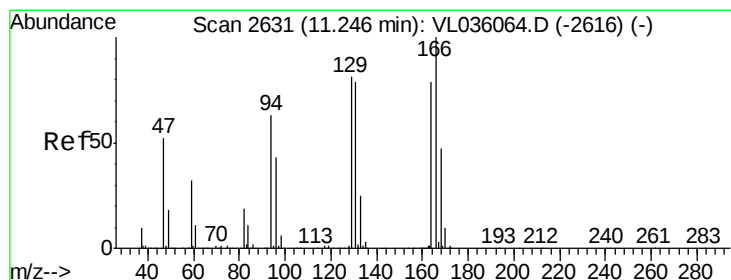
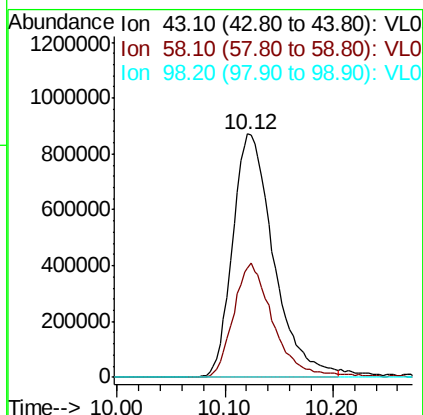
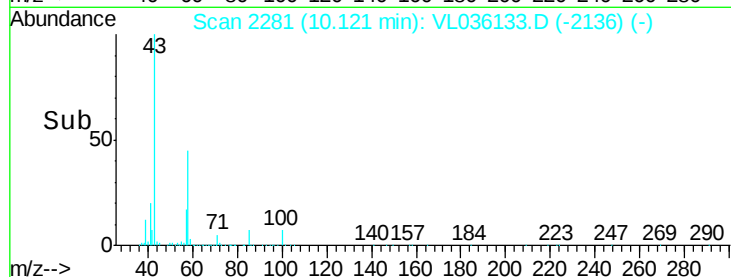
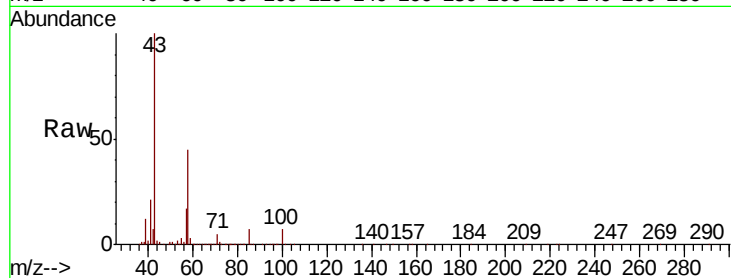
#51
2-Hexanone
Concen: 11.559 ppbv
RT: 10.12 min Scan# 2281
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion: 43 Resp: 2301774
Ion Ratio Lower Upper
43 100
58 46.2 38.7 58.1
98 0.0 0.1 0.1#

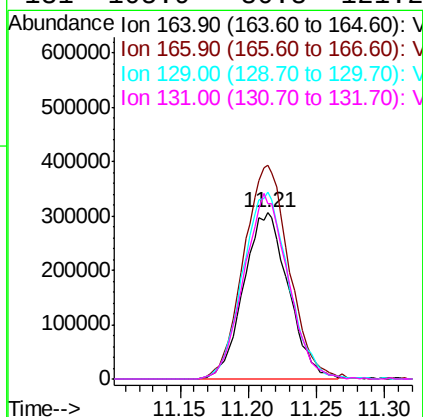
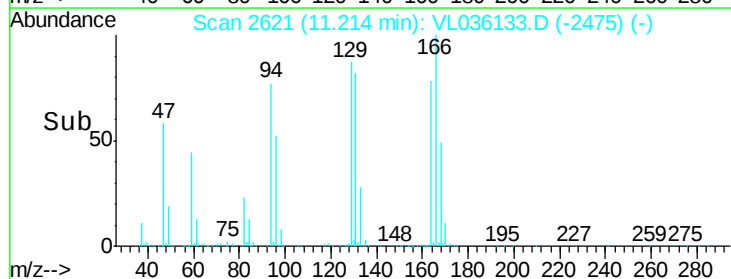
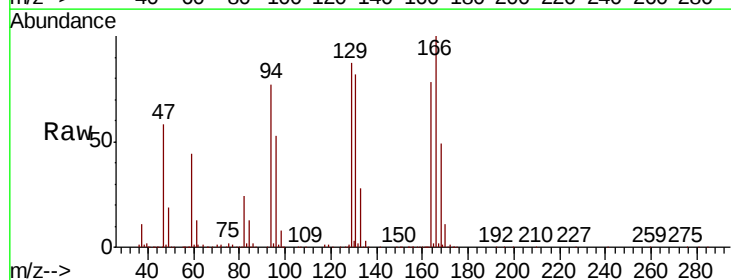
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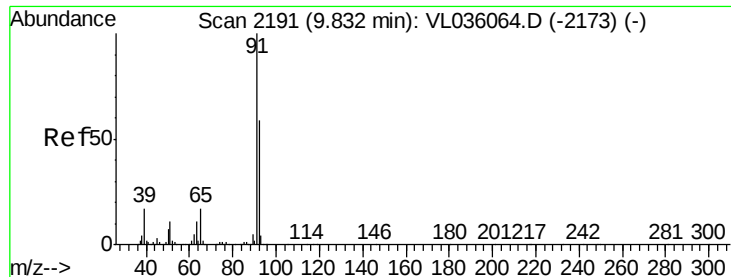
MMDadoda
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#52
Tetrachloroethene
Concen: 8.794 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:164 Resp: 694751
Ion Ratio Lower Upper
164 100
166 128.6 101.9 152.9
129 112.4 82.1 123.1
131 105.9 80.8 121.2





#53

Toluene

Concen: 11.026 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.04 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Instrument :

MSVOA_L

ClientSampleId :

VL1210ABS01

Tot Ion: 91 Resp: 2702066

Ion Ratio Lower Upper

91 100

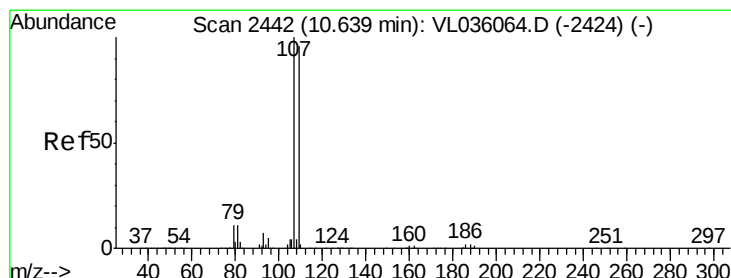
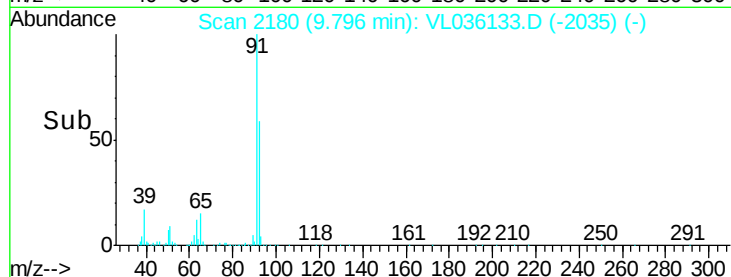
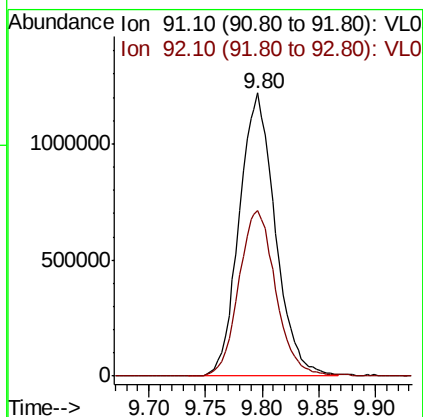
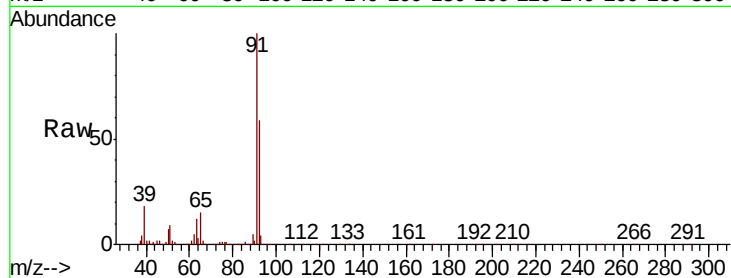
92 60.4 48.2 72.2

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#54

1,2-Dibromoethane

Concen: 10.898 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.04 min

Lab File: VL036133.D

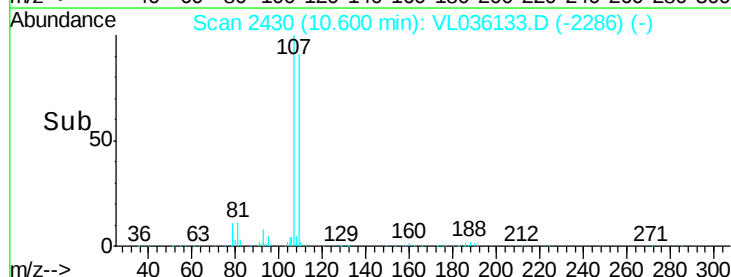
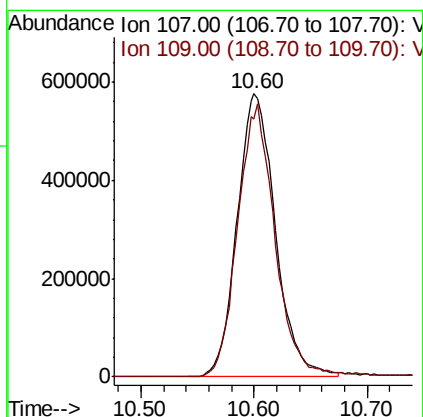
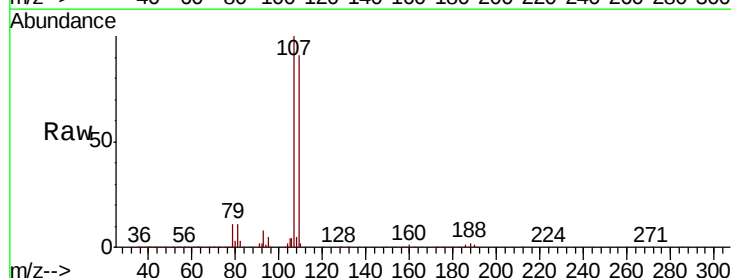
Acq: 10 Dec 2020 17:43

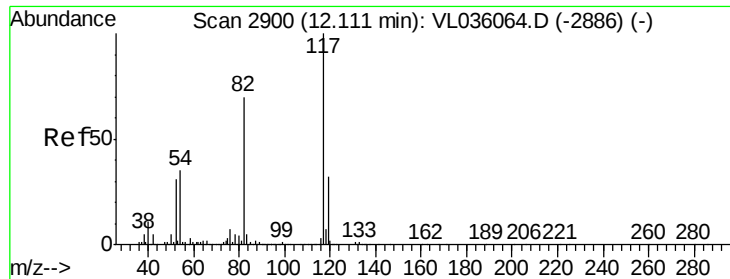
Tgt Ion: 107 Resp: 1354529

Ion Ratio Lower Upper

107 100

109 91.1 76.6 115.0





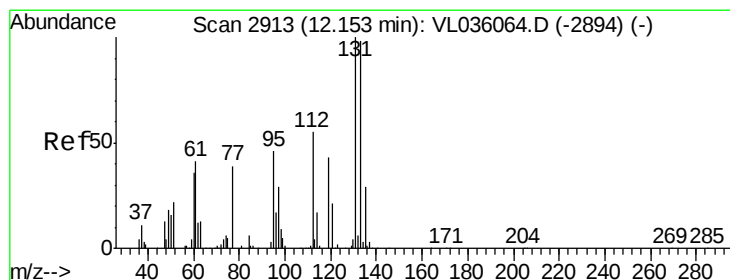
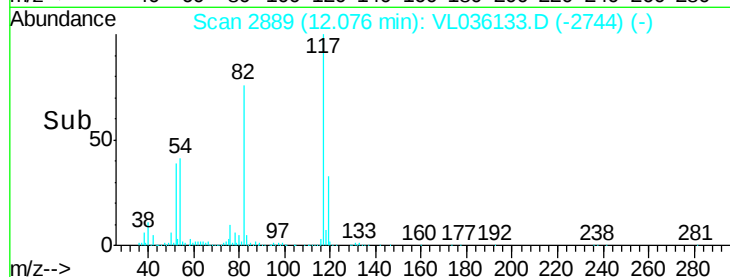
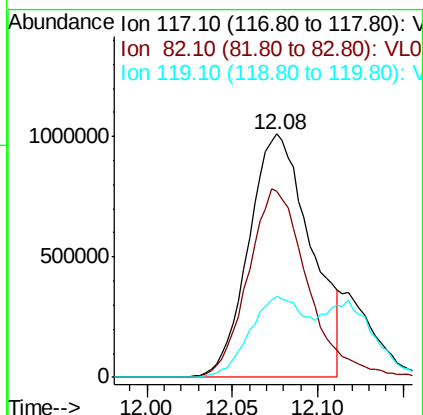
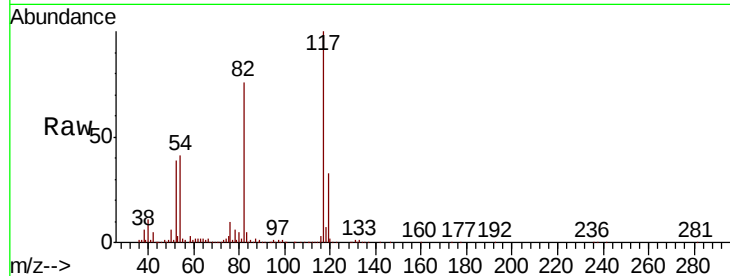
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08 min Scan# 2889
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	75.1	0.0	0.0#
119	30.5	0.0	0.0#

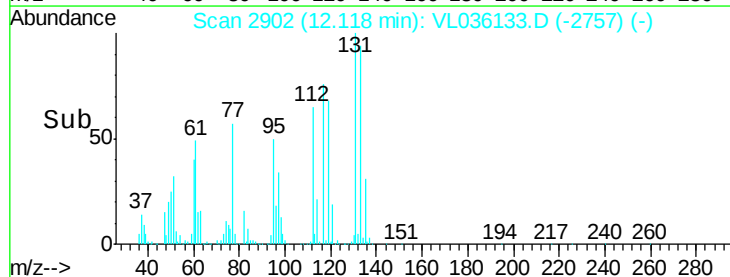
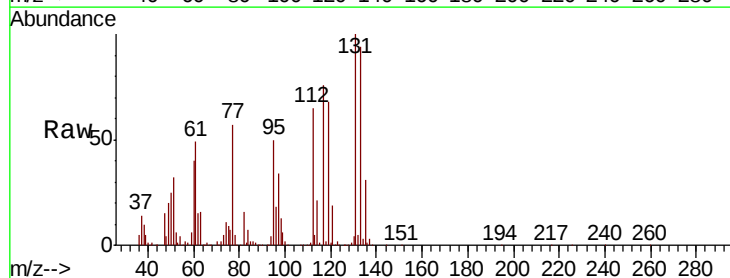
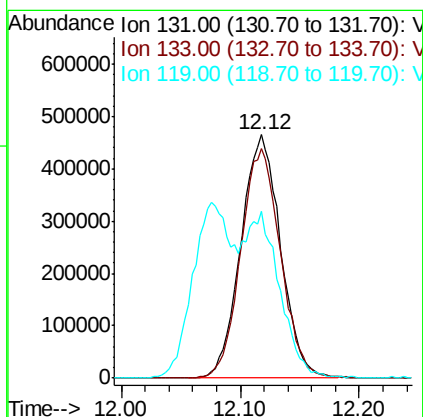
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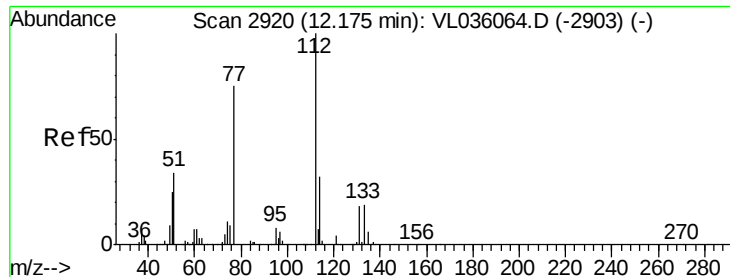
MMDadoda
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#56
1,1,1,2-Tetrachloroethane
Concen: 10.116 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	77.7	116.5
119	69.8	51.6	77.4





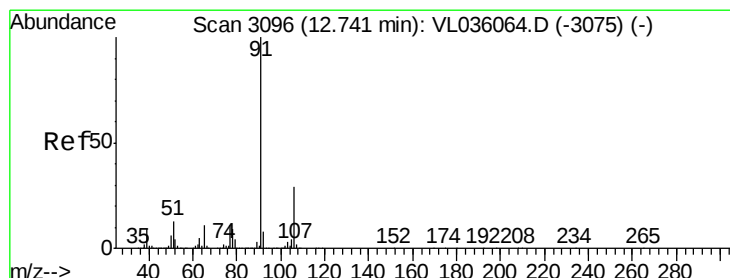
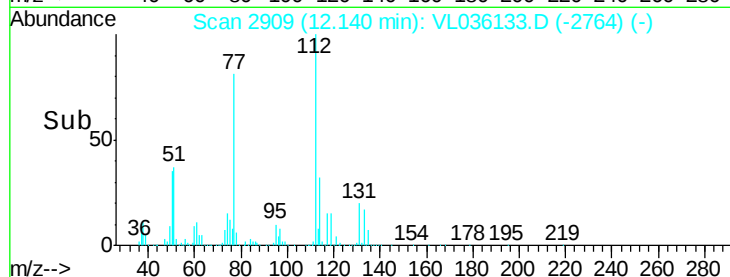
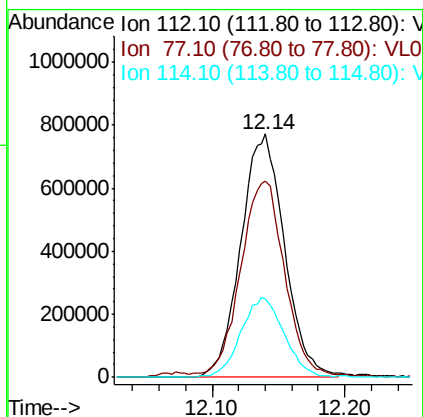
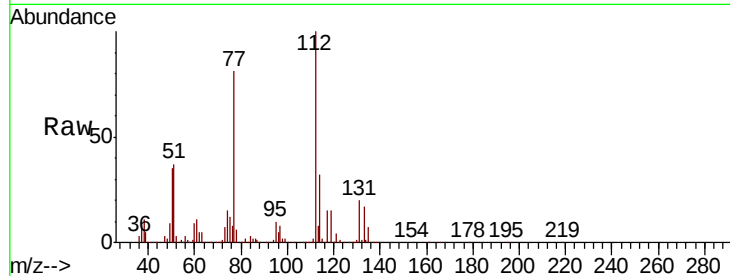
#57
Chlorobenzene
Concen: 9.791 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion	Ratio	Lower	Upper
112	100		
77	79.4	60.5	90.7
114	32.3	29.2	35.6

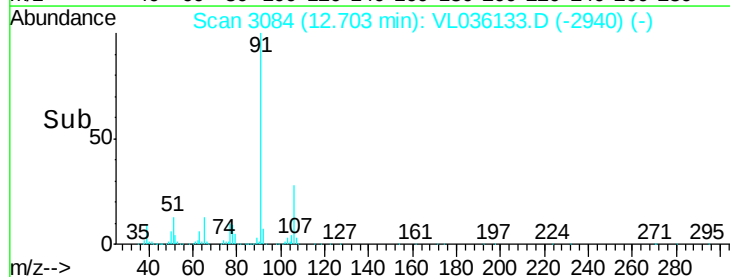
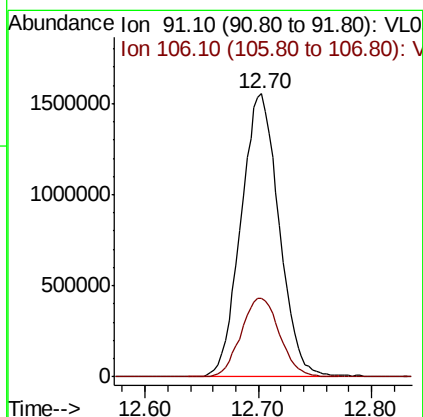
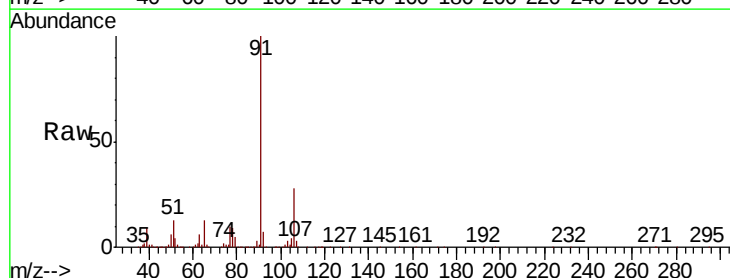
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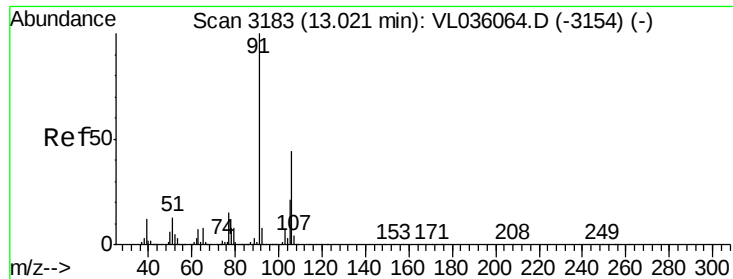
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#58
Ethyl Benzene
Concen: 10.380 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.8	23.0	34.4





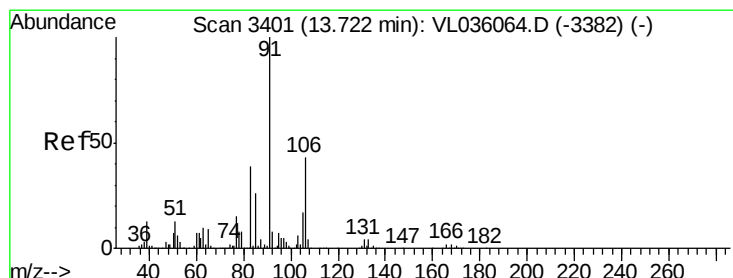
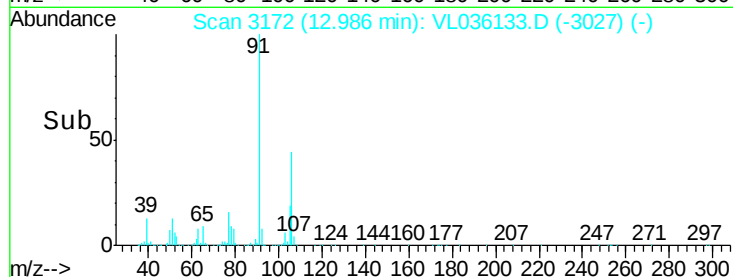
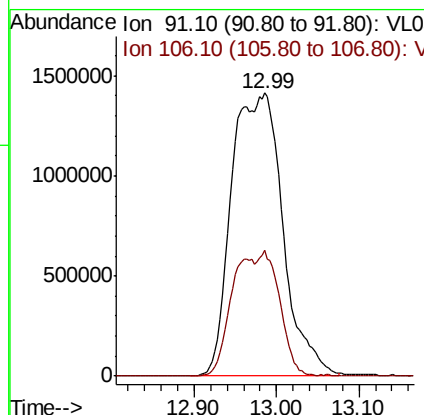
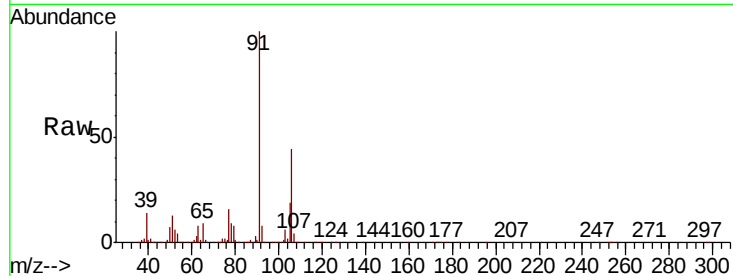
#59
m/p-Xylene
Concen: 20.616 ppbv m
RT: 12.99 min Scan# 3172
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion: 91 Resp: 6078594
Ion Ratio Lower Upper
91 100
106 40.3 33.6 50.4

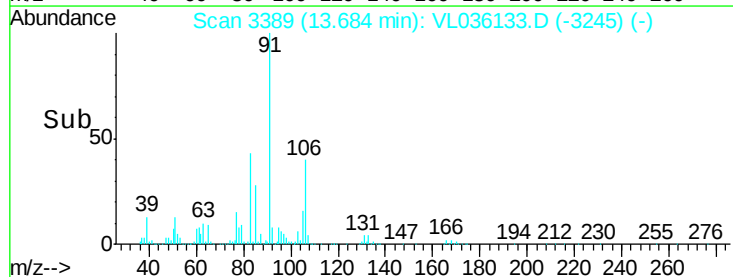
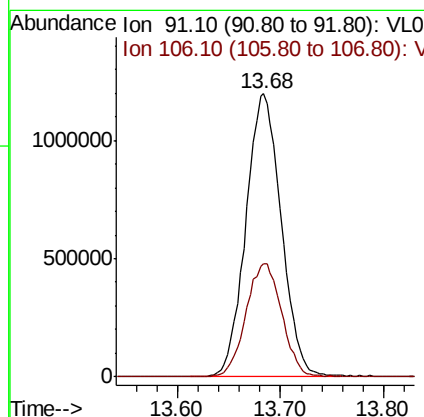
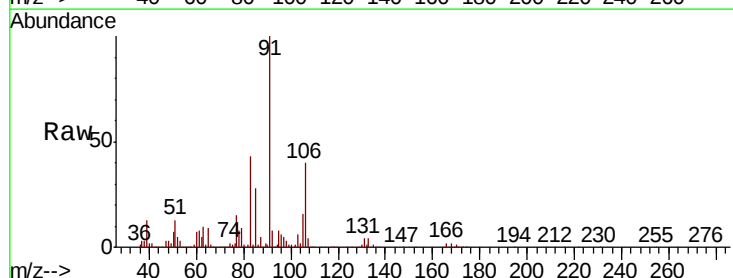
Manual Integrations
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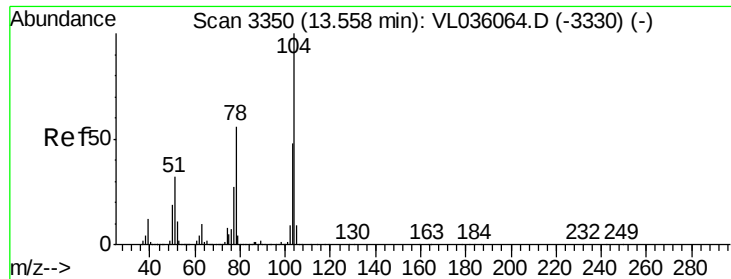
MMDadoda
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#60
o-Xylene
Concen: 10.232 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 91 Resp: 2842572
Ion Ratio Lower Upper
91 100
106 40.8 21.6 64.6





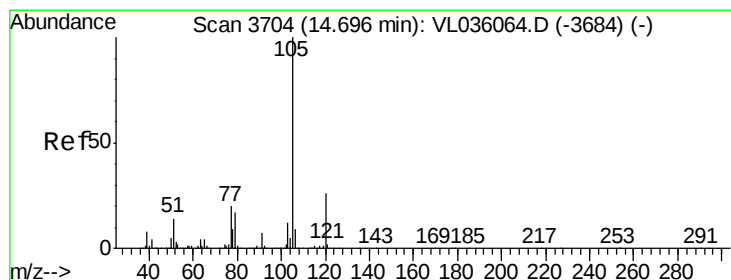
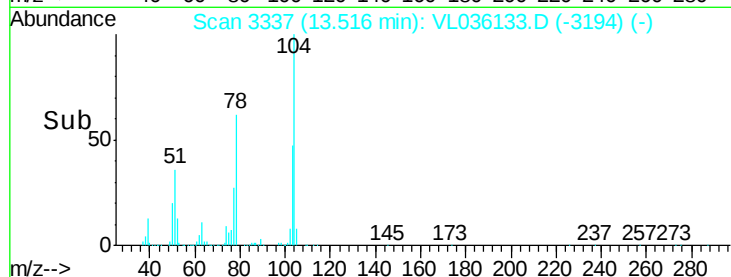
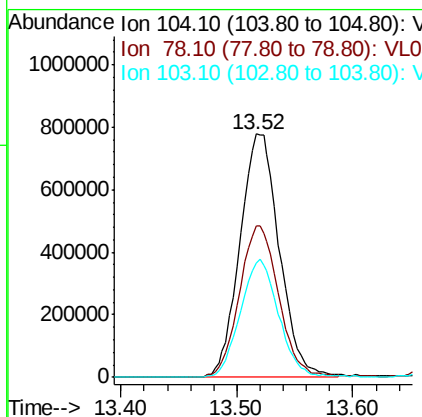
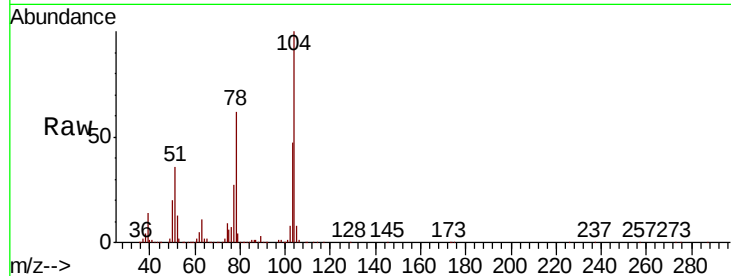
#61
Stvrene
Concen: 10.310 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	62.6	45.8	68.8
103	47.4	38.6	57.8

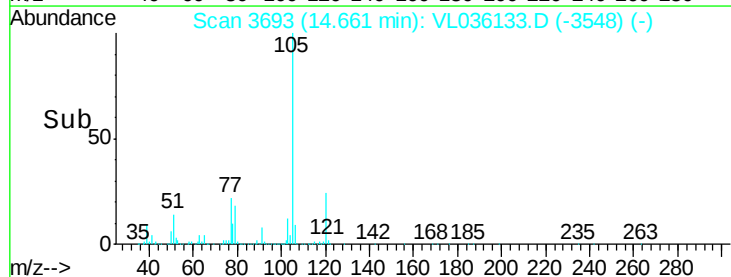
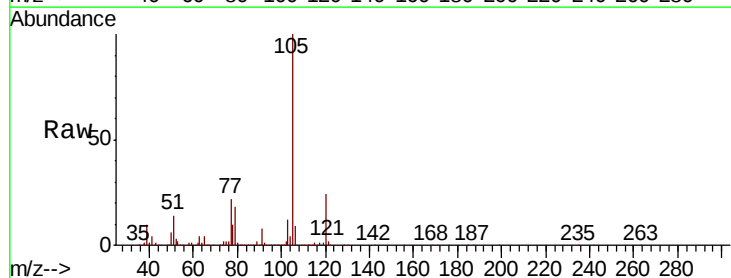
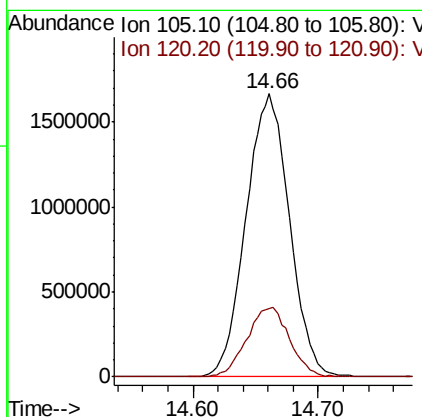
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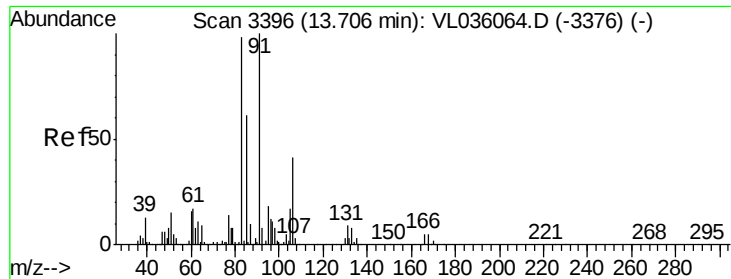
MMDadoda
12/15/2020 7:23:13 PM



#62
Isopropylbenzene
Concen: 9.747 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.3	20.1	30.1





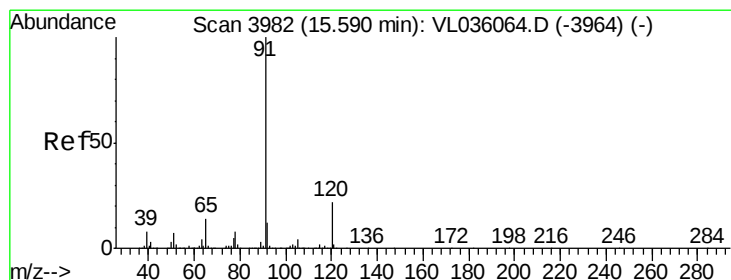
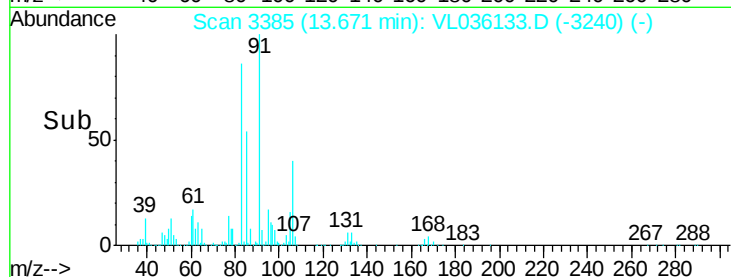
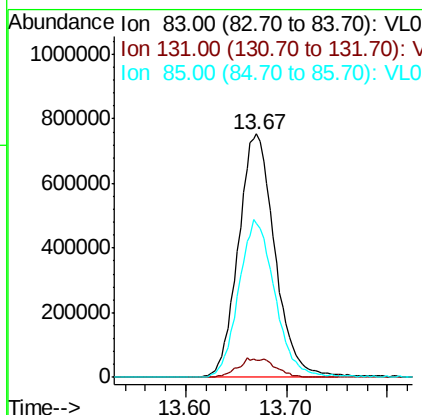
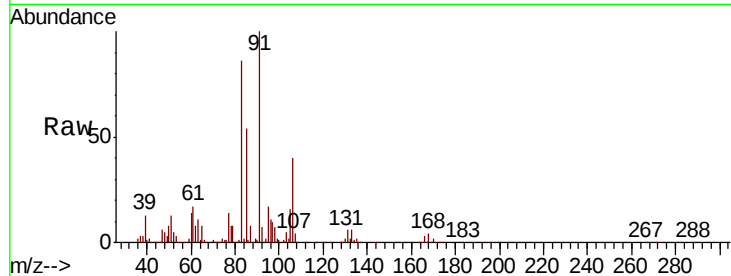
#63
 1,1,2,2-Tetrachloroethane
 Concen: 10.057 ppbv
 RT: 13.67 min Scan# 3385
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	8.1	4.6	13.8
85	64.5	32.5	97.5

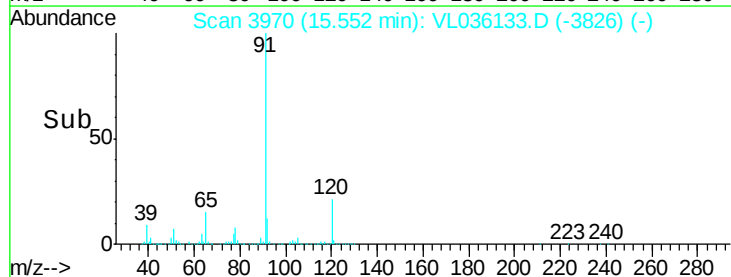
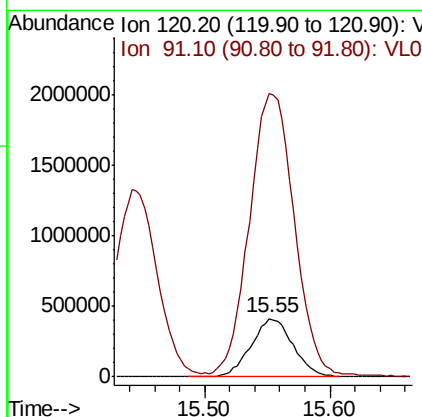
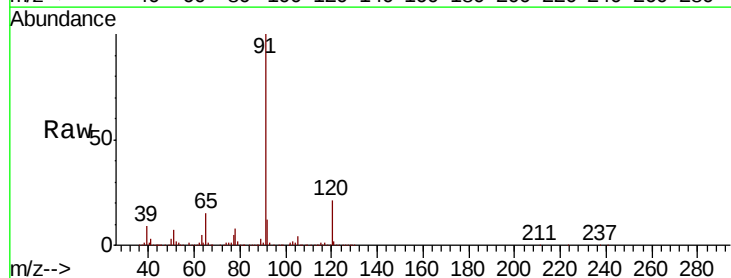
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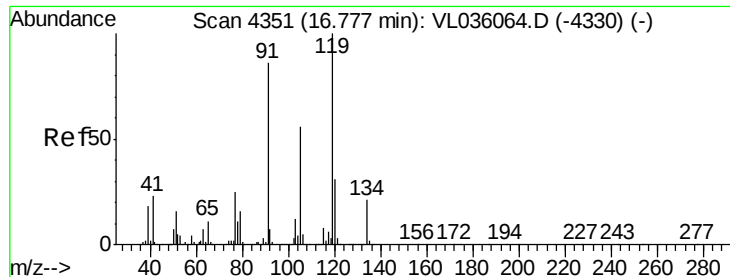
MMDadoda
 12/15/2020 7:23:13 PM



#64
 n-propylbenzene
 Concen: 9.644 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
120	100		
91	525.8	388.9	583.3





#65

tert-Butylbenzene

Concen: 9.434 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. -0.04 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

Instrument :

MSVOA_L

ClientSampleId :

VL1210ABS01

Tot Ion:119 Resp: 3179781

Ion Ratio Lower Upper

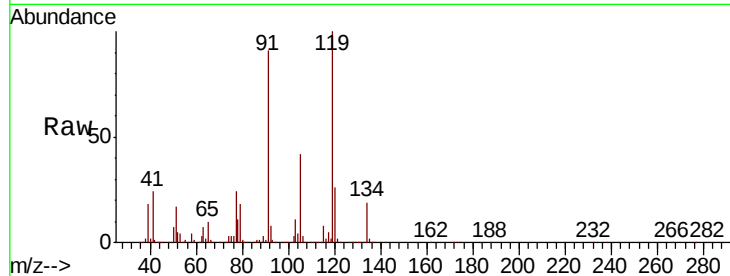
119 100

91 95.5 70.2 105.2

134 18.6 15.8 23.6

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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

16.73

1500000

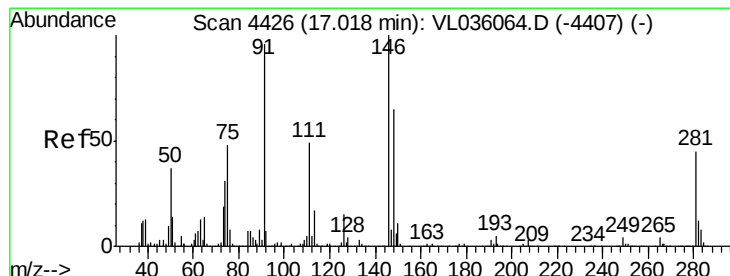
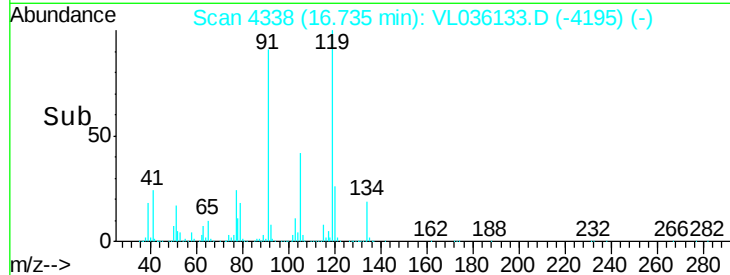
1000000

500000

0

16.70 16.80

Time-->



#66

Benzyl Chloride

Concen: 9.158 ppbv

RT: 16.98 min Scan# 4415

Delta R.T. -0.04 min

Lab File: VL036133.D

Acq: 10 Dec 2020 17:43

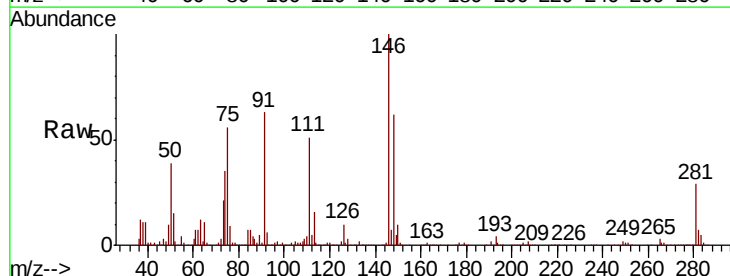
Tgt Ion: 91 Resp: 768590

Ion Ratio Lower Upper

91 100

126 14.7 13.5 20.3

128 4.8 4.4 6.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

16.98

400000

300000

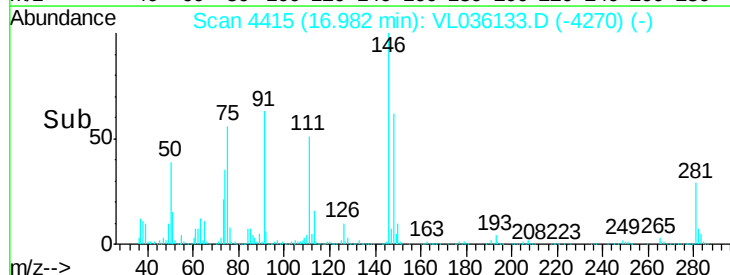
200000

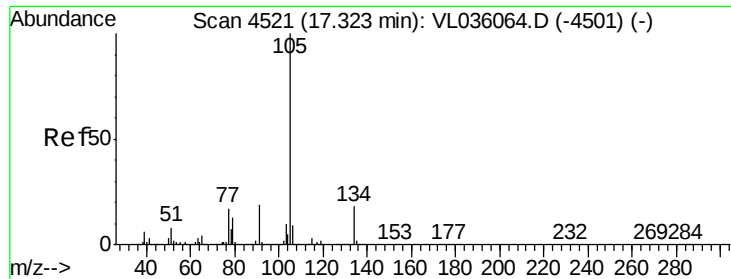
100000

0

16.90 17.00

Time-->





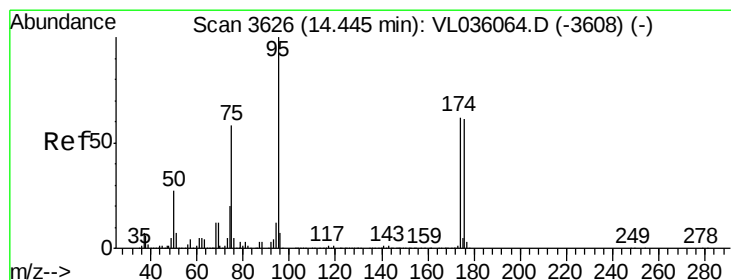
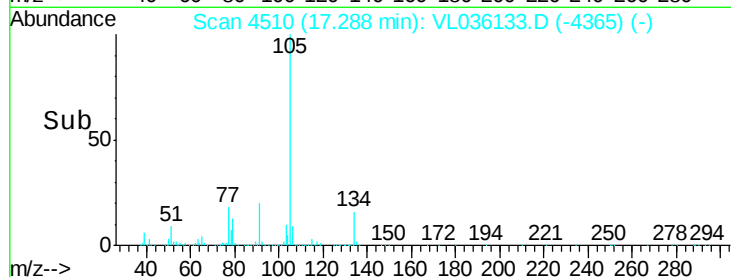
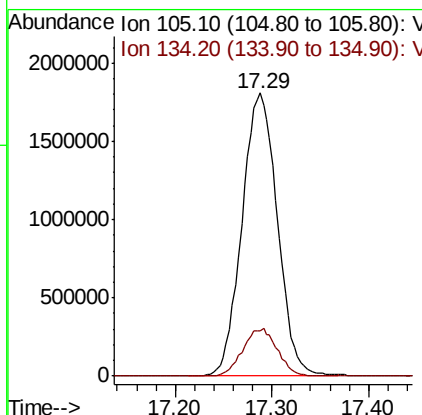
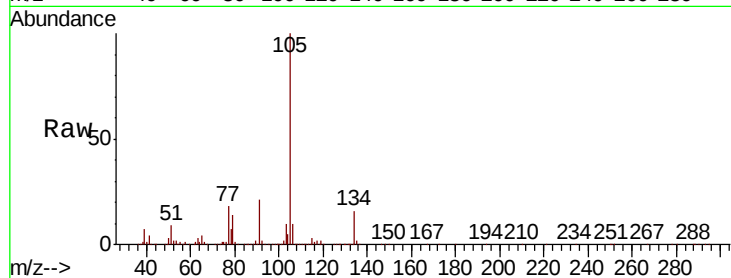
#67
 sec-Butylbenzene
 Concen: 9.740 ppbv
 RT: 17.29 min Scan# 4510
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion: 105 Resp: 4594769
 Ion Ratio Lower Upper
 105 100
 134 16.4 14.2 21.4

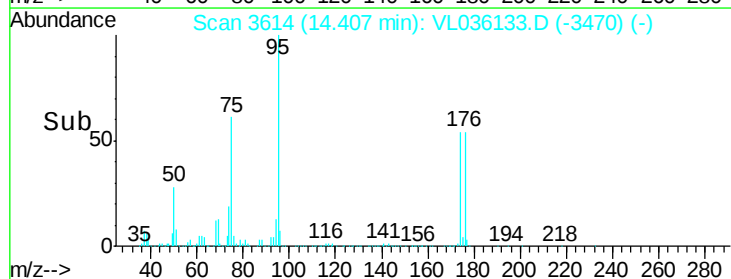
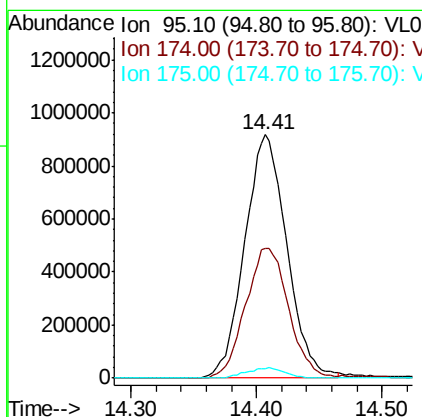
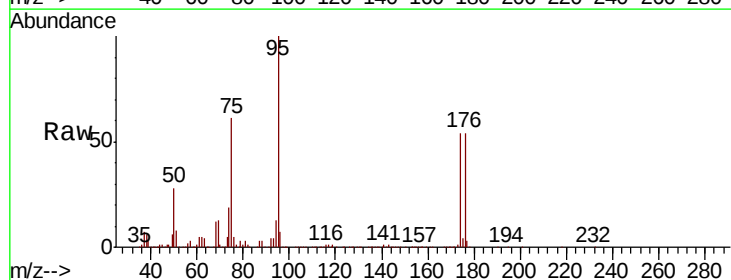
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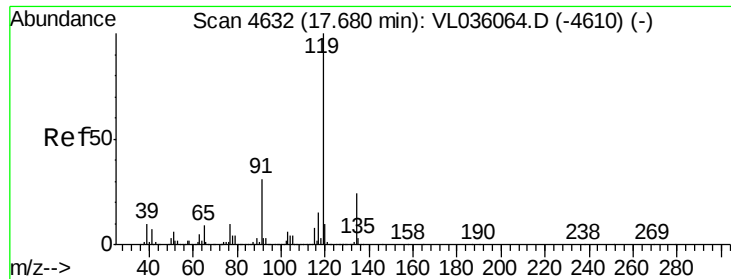
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.551 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion: 95 Resp: 2140169
 Ion Ratio Lower Upper
 95 100
 174 55.3 50.7 76.1
 175 4.2 4.0 6.0





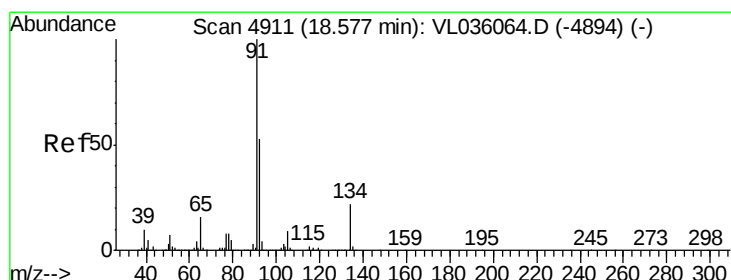
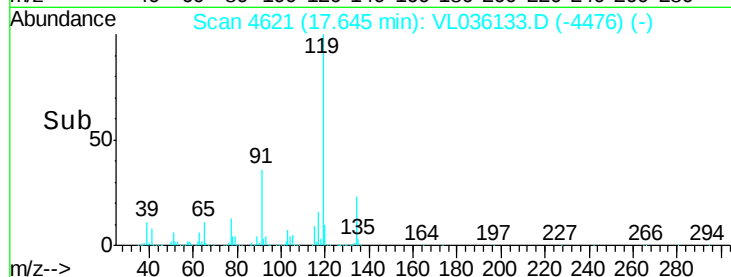
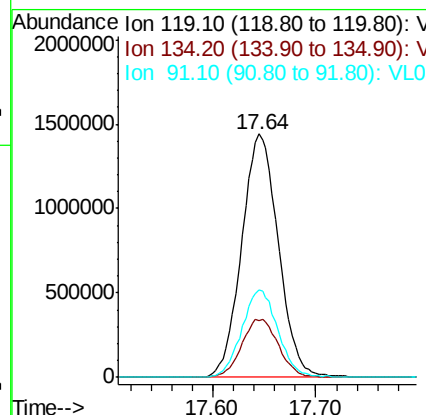
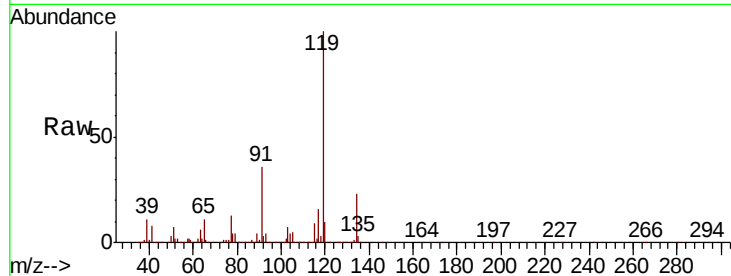
#69
 p-Isopropyltoluene
 Concen: 9.473 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.2	19.8	29.6
91	35.4	25.8	38.6

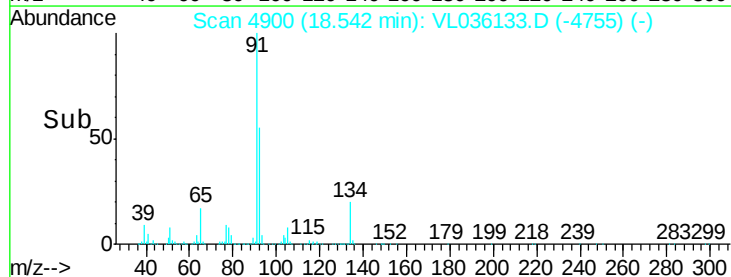
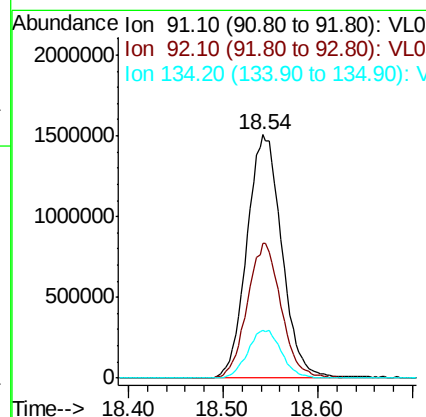
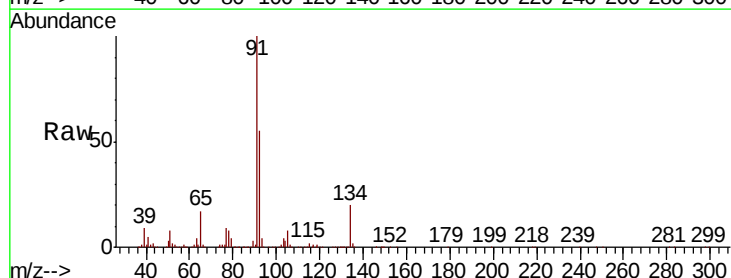
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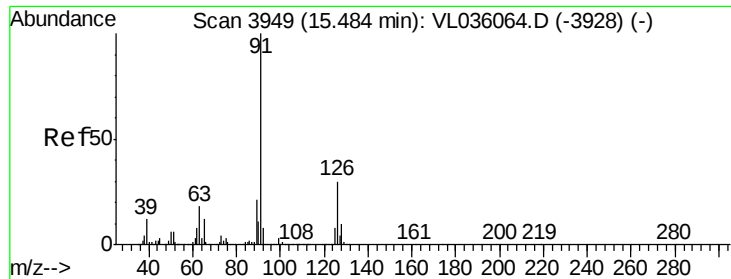
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#70
 n-Butylbenzene
 Concen: 10.380 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.3	64.9
134	19.4	17.1	25.7





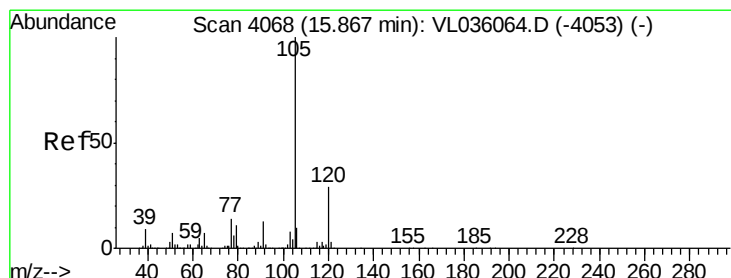
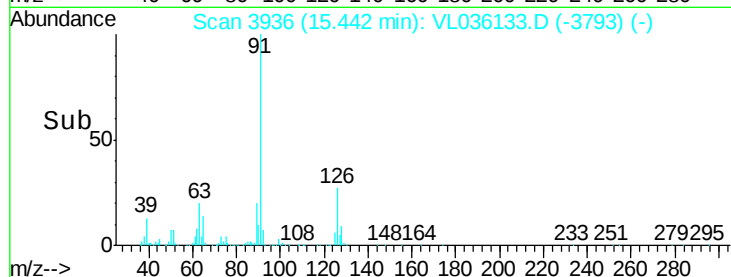
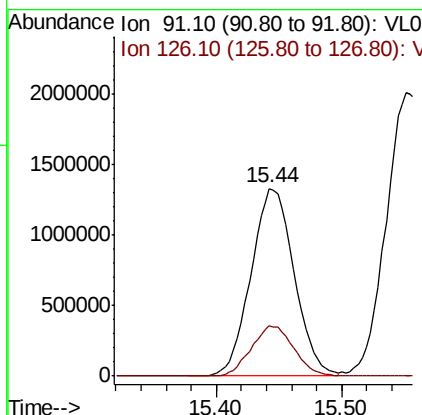
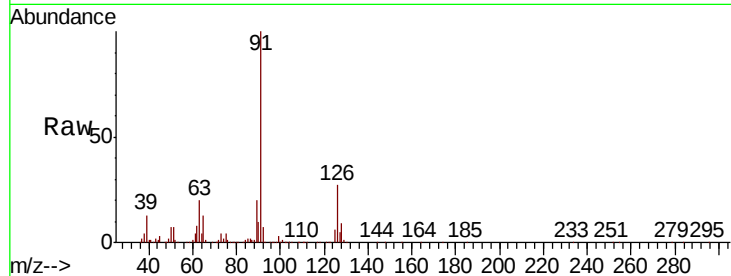
#71
2-Chlorotoluene
Concen: 10.255 ppbv
RT: 15.44 min Scan# 3936
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion: 91 Resp: 3192037
Ion Ratio Lower Upper
91 100
126 26.6 11.6 46.4

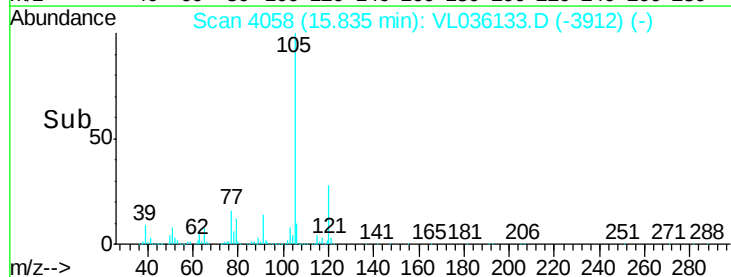
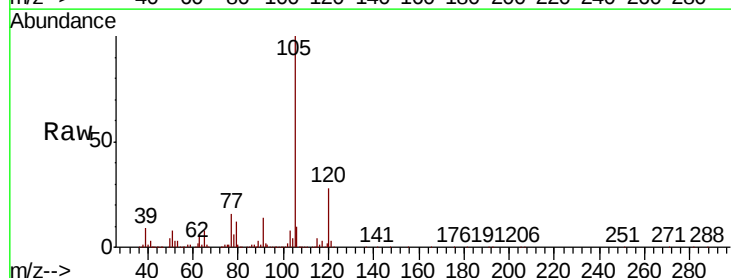
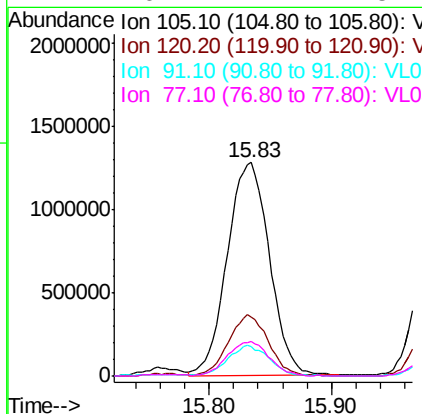
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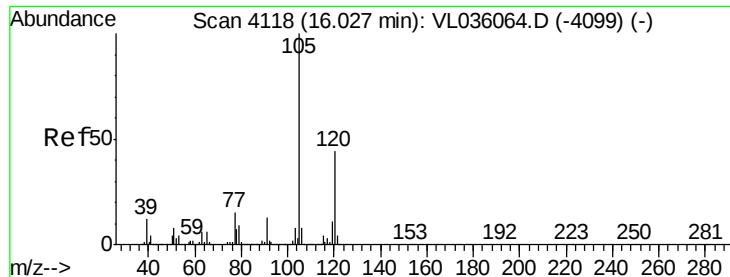
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#72
4-Ethyltoluene
Concen: 10.217 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:105 Resp: 3074532
Ion Ratio Lower Upper
105 100
120 27.4 23.6 35.4
91 13.8 11.4 17.0
77 16.2 12.1 18.1





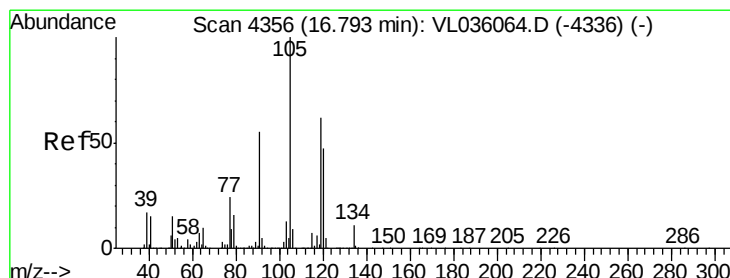
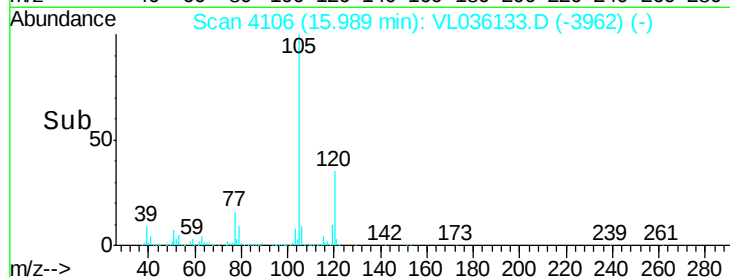
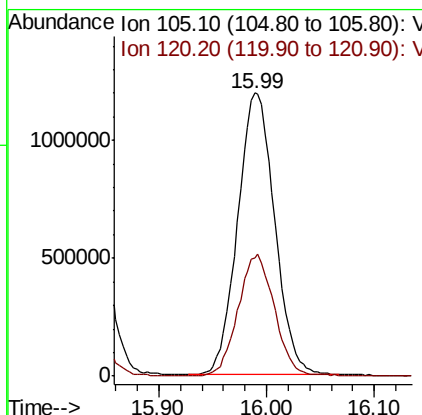
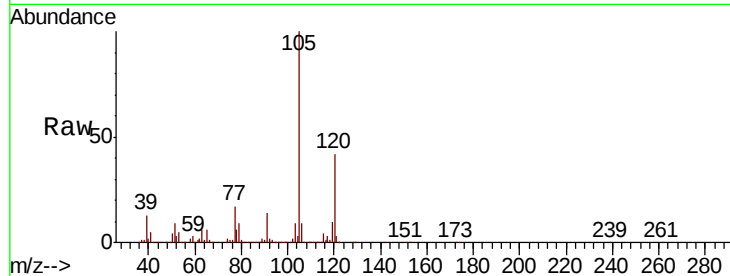
#73
 1,3,5-Trimethylbenzene
 Concen: 9.931 ppbv
 RT: 15.99 min Scan# 4106
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion:105 Resp: 2854192
 Ion Ratio Lower Upper
 105 100
 120 41.7 35.4 53.2

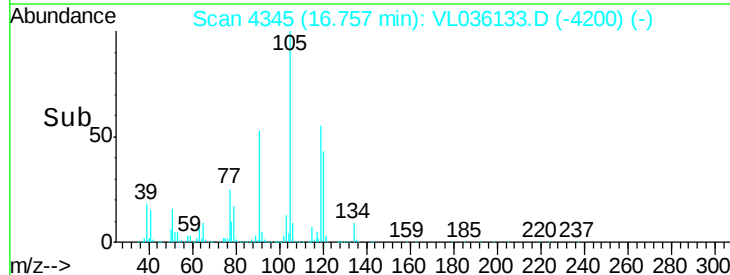
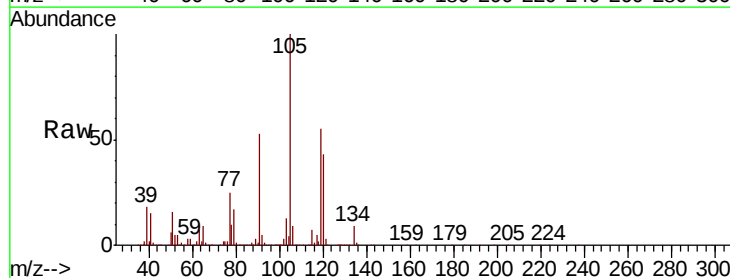
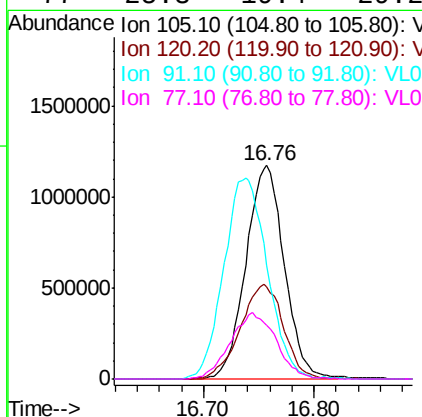
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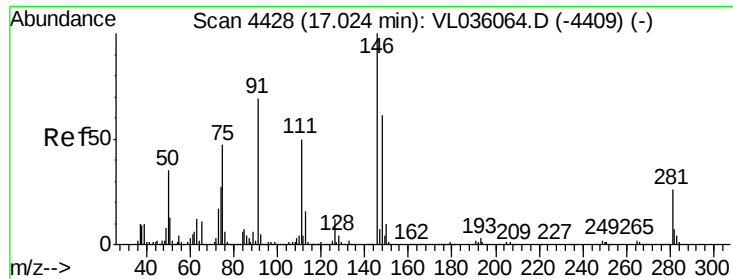
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#74
 1,2,4-Trimethylbenzene
 Concen: 9.798 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion:105 Resp: 2826572
 Ion Ratio Lower Upper
 105 100
 120 43.1 37.4 56.0
 91 52.6 45.6 68.4
 77 25.3 19.4 29.2





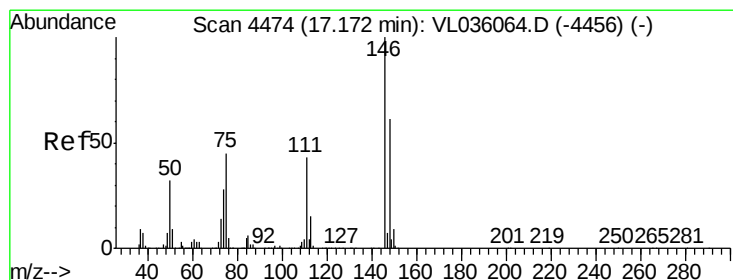
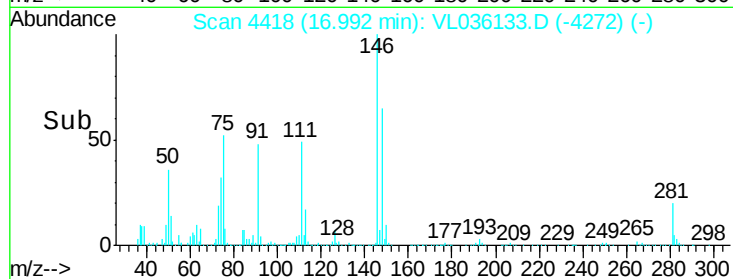
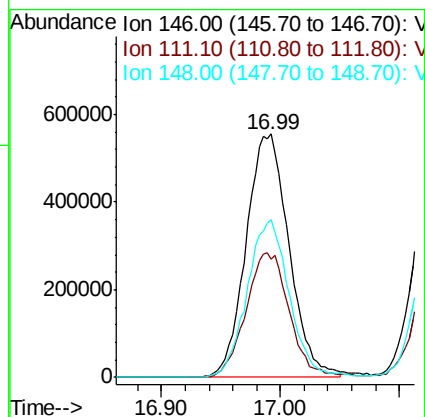
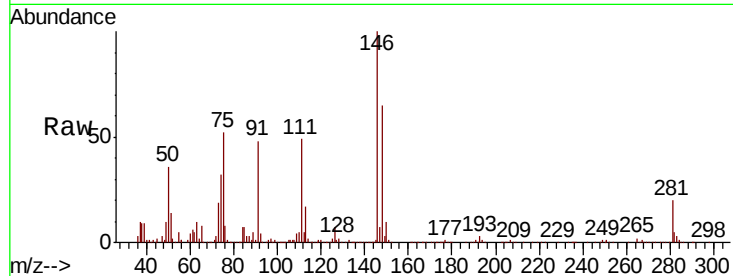
#75
 1,3-Dichlorobenzene
 Concen: 9.592 ppbv
 RT: 16.99 min Scan# 4418
 Delta R.T. -0.03 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion:146 Resp: 1385253
 Ion Ratio Lower Upper
 146 100
 111 51.9 25.1 75.3
 148 63.6 32.9 98.6

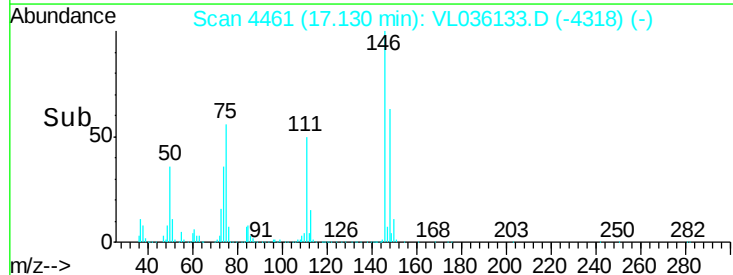
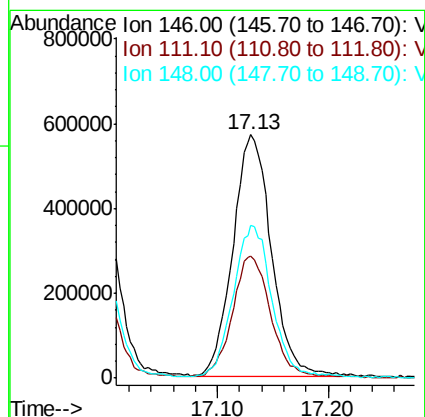
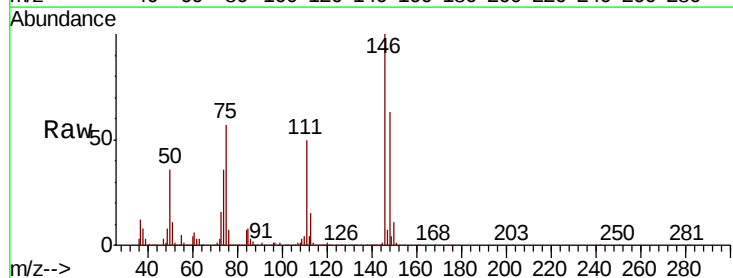
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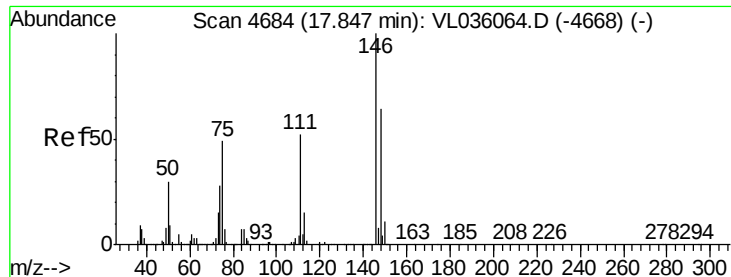
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#76
 1,4-Dichlorobenzene
 Concen: 9.354 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion:146 Resp: 1375314
 Ion Ratio Lower Upper
 146 100
 111 50.9 24.3 72.8
 148 63.8 32.8 98.3





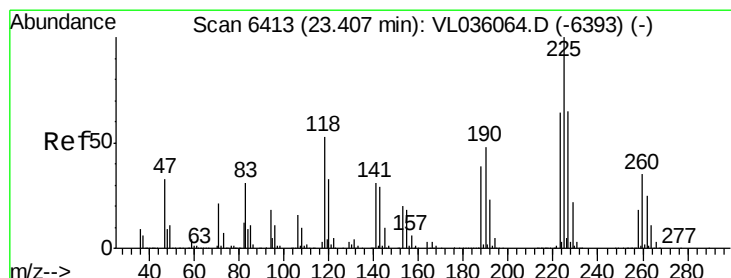
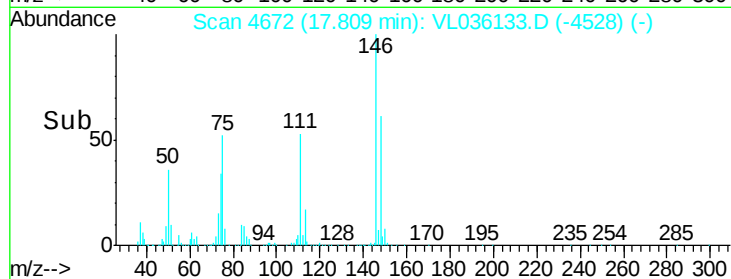
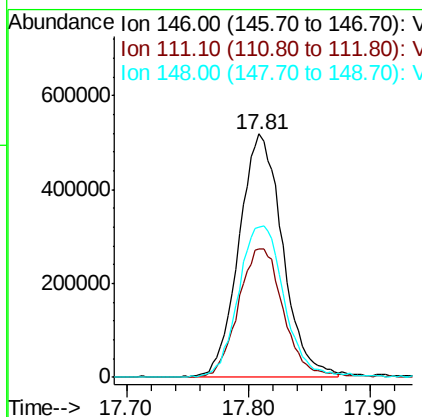
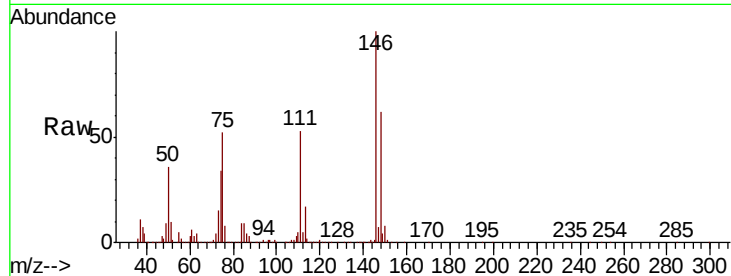
#77
 1,2-Dichlorobenzene
 Concen: 9.226 ppbv
 RT: 17.81 min Scan# 4672
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	55.1	26.1	78.2
148	65.9	33.1	99.5

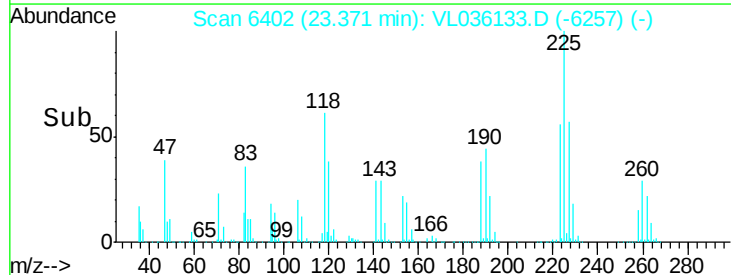
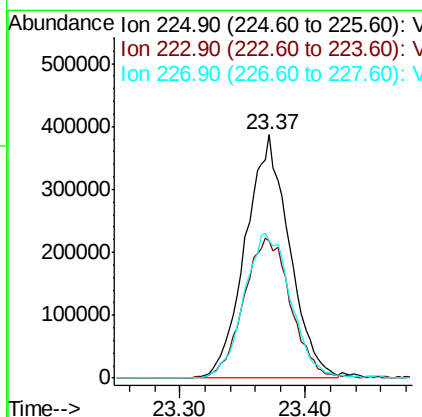
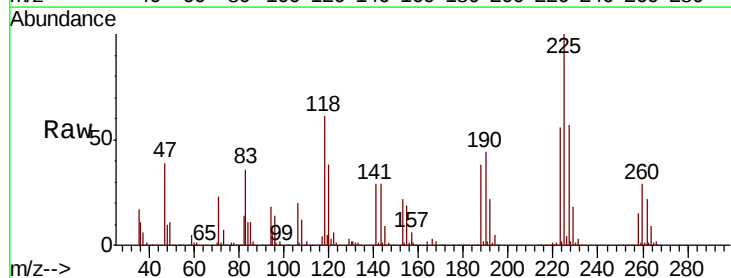
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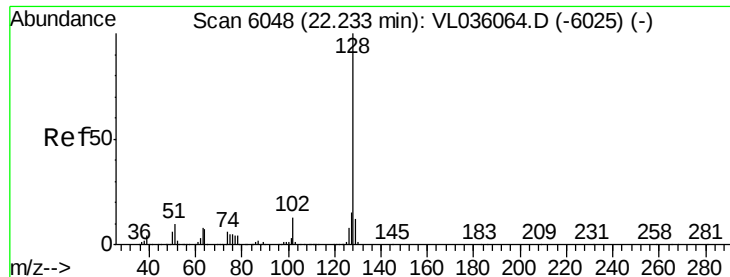
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#78
 Hexachloro-1,3-Butadiene
 Concen: 8.503 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T. -0.04 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.1	76.7
227	63.8	51.7	77.5





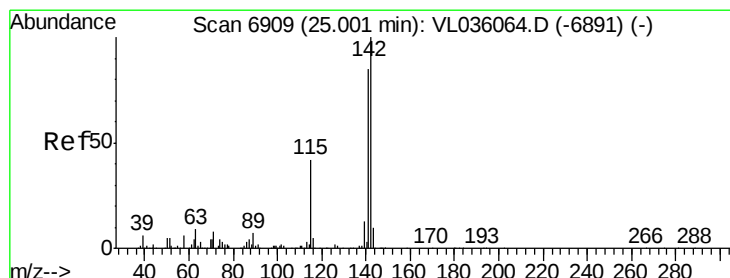
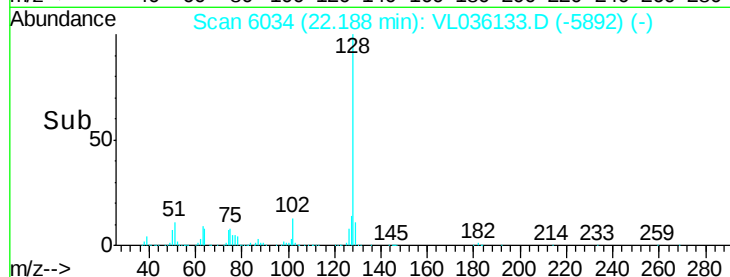
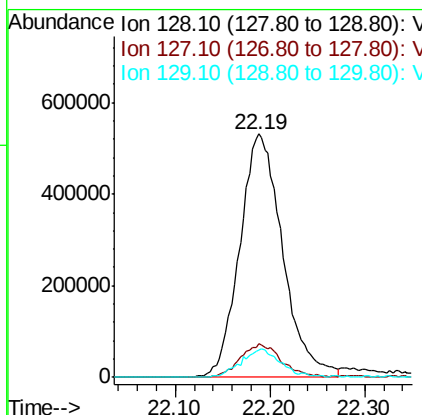
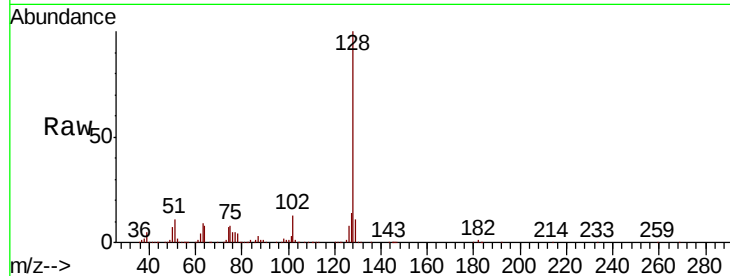
#79
Naphthalene
Concen: 11.406 ppbv
RT: 22.19 min Scan# 6034
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	11.7	17.5
129	11.1	9.3	13.9

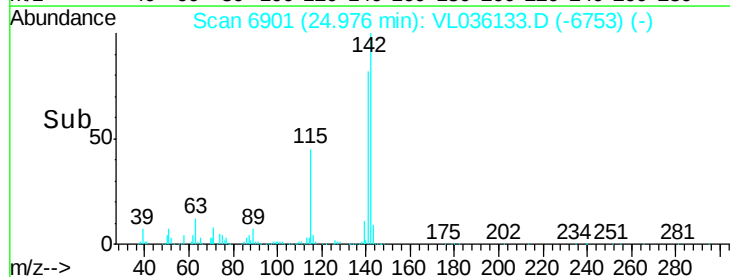
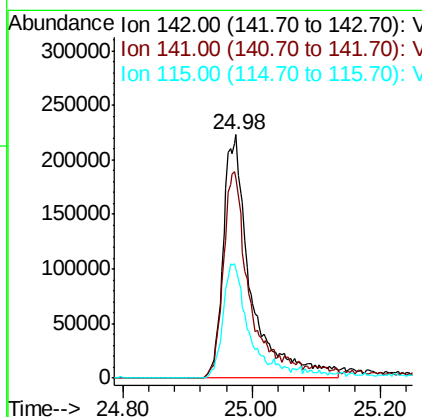
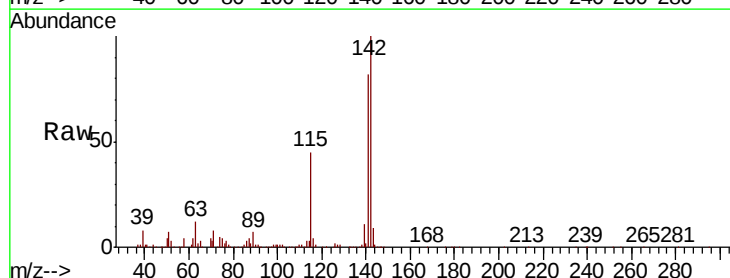
Manual Integrations
APPROVED

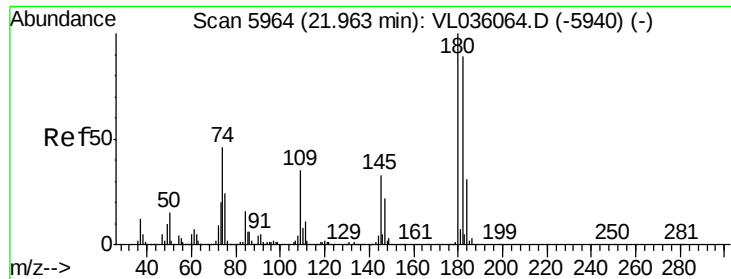
MMDadoda
12/15/2020 7:23:13 PM



#80
Naphthalene, 2-methyl-
Concen: 20.273 ppbv
RT: 24.98 min Scan# 6901
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	64.3	96.5
115	46.4	33.9	50.9





#81
 1,2,4-Trichlorobenzene
 Concen: 9.846 ppbv m
 RT: 21.91 min Scan# 5949
 Delta R.T. -0.05 min
 Lab File: VL036133.D
 Acq: 10 Dec 2020 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABS01

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	0.0	0.0	0.0
184	0.0	0.0	0.0

Manual Integrations
 APPROVED

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