

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036639.D
 Acq On : 1 Apr 2021 21:59
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 6:55:20 PM

Quant Time: Apr 02 02:11:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1213913	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3197571	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2891143m	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2261542	9.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	1542260	7.789 ppbv	96
3) Chlorodifluoromethane	2.99	51	2030261	8.952 ppbv	99
4) Chloromethane	3.14	50	667071	8.327 ppbv	97
5) Vinyl Chloride	3.26	62	654344	7.944 ppbv	99
6) Bromomethane	3.47	94	371350	8.188 ppbv	100
7) Chloroethane	3.55	64	236420	8.353 ppbv	92
8) Dichlorotetrafluoroethane	3.19	85	1585745	8.392 ppbv	95
9) Propene	3.01	41	674485	9.328 ppbv	95
10) Heptane	8.12	43	1925358	10.453 ppbv	99
11) Trichlorofluoromethane	3.95	101	1646915	8.162 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1139978	8.837 ppbv	99
13) Ethanol	3.61	45	89737m	10.422 ppbv	
14) Bromoethene	3.74	108	481190	8.972 ppbv	99
15) Acetone	3.87	43	4546068	38.050 ppbv #	65
16) 1,3-Butadiene	3.33	39	703622	8.459 ppbv	98
17) tert-Butyl alcohol	4.29	59	1052148	10.116 ppbv	98
18) 1,1-Dichloroethene	4.29	96	511194	8.908 ppbv	98
19) Isopropyl Alcohol	3.97	45	600707	9.140 ppbv #	1
20) Methylene Chloride	4.34	84	449054	8.027 ppbv	94
21) Allyl Chloride	4.41	41	869800	9.132 ppbv	93
22) trans-1,2-Dichloroethene	4.89	96	492793	9.263 ppbv	88
23) Vinyl Acetate	5.11	43	2616139m	12.801 ppbv	
24) 1,1-Dichloroethane	5.01	63	1306283	8.769 ppbv	99
25) Ethyl Acetate	5.68	43	2982098	10.498 ppbv #	96
26) Hexane	5.69	57	1811523	13.743 ppbv #	81
27) Carbon Disulfide	4.55	76	1272842	9.802 ppbv	97
28) Methyl tert-Butyl Ether	5.04	73	1470481	9.459 ppbv	99
29) Chloroform	5.75	83	1794795	8.514 ppbv	96
30) Cyclohexane	7.13	84	1132059	10.589 ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1162213	9.116 ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	1867879	8.792 ppbv	99
34) 2-Butanone	5.25	43	1166929	7.476 ppbv	99
35) Carbon Tetrachloride	7.02	117	1944725	7.918 ppbv	98
36) Benzene	6.89	78	2614982	8.867 ppbv	99
37) 1,2-Dichloroethane	6.30	62	1377741	7.938 ppbv	100
38) Trichloroethene	7.84	130	937242	8.166 ppbv	93
39) 1,2-Dichloropropane	7.61	63	972146	8.126 ppbv	94
40) 1,4-Dioxane	7.83	88	198593m	7.133 ppbv	
41) Tetrahydrofuran	6.05	42	558531	7.761 ppbv	96
42) Bromodichloromethane	7.79	83	1935879	8.200 ppbv	97
43) Methyl Methacrylate	8.01	69	971728	9.813 ppbv	98

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Manual Integrations
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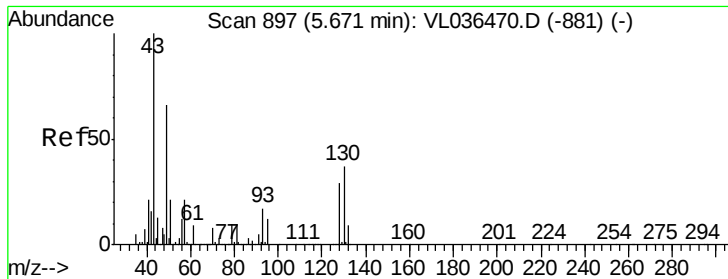
MMDadoda
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,2,4-Trimethylpentane	7.87	57	9132084	17.595	ppbv	97
45) t-1,3-Dichloropropene	9.28	75	956839	8.462	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1180675	8.168	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	955490	7.886	ppbv	97
48) Dibromochloromethane	10.30	129	1731788	9.376	ppbv	100
49) Bromoform	13.04	173	1546763	10.393	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	1873758	8.297	ppbv	98
51) 2-Hexanone	10.14	43	1002933	8.800	ppbv #	97
52) Tetrachloroethene	11.23	164	991257	9.128	ppbv	94
53) Toluene	9.81	91	2830499	9.013	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1422027	8.310	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	1205940	9.222	ppbv #	57
57) Chlorobenzene	12.15	112	2087885	8.487	ppbv	98
58) Ethyl Benzene	12.71	91	3858079	9.172	ppbv	100
59) m/p-Xylene	13.00	91	6401429m	17.449	ppbv	
60) o-Xylene	13.70	91	2978841	8.397	ppbv	100
61) Styrene	13.53	104	1691912	9.480	ppbv	99
62) Isopropylbenzene	14.67	105	4269844	8.938	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2042577	7.548	ppbv	99
64) n-propylbenzene	15.56	120	1127170	9.651	ppbv	95
65) tert-Butylbenzene	16.75	119	3785719	9.139	ppbv	97
66) Benzyl Chloride	16.99	91	513007	11.204	ppbv	95
67) sec-Butylbenzene	17.30	105	5162671	8.829	ppbv	99
69) p-Isopropyltoluene	17.66	119	4421576	9.684	ppbv	98
70) n-Butylbenzene	18.55	91	4295908	9.074	ppbv	98
71) 2-Chlorotoluene	15.46	91	3230760	9.026	ppbv	98
72) 4-Ethyltoluene	15.84	105	3599953	9.261	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3253663	8.968	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	3341406	8.607	ppbv	96
75) 1,3-Dichlorobenzene	17.00	146	2053385	9.397	ppbv	98
76) 1,4-Dichlorobenzene	17.14	146	2017801	9.300	ppbv	97
77) 1,2-Dichlorobenzene	17.82	146	1975083	9.615	ppbv	97
78) Hexachloro-1,3-Butadiene	23.38	225	1623143	8.823	ppbv	98
79) Naphthalene	22.21	128	2298562	10.146	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	237848	5.324	ppbv	93
81) 1,2,4-Trichlorobenzene	21.93	180	1489008	10.645	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 49 Resp: 1213913

Ion Ratio Lower Upper

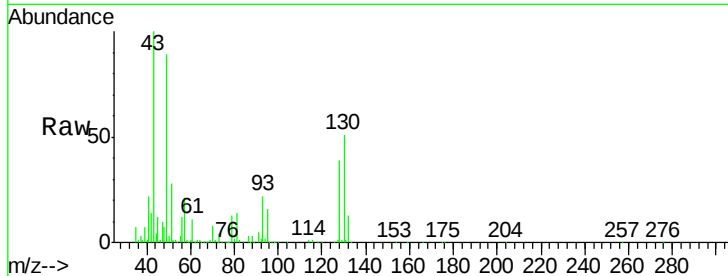
49 100

128 50.6 23.5 70.6

130 61.3 29.1 87.4

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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

600000

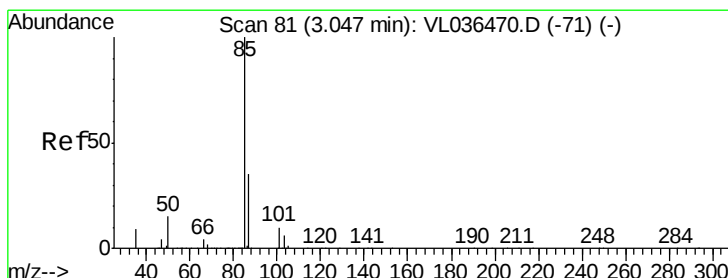
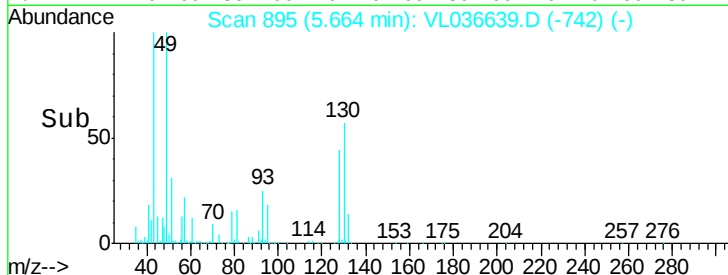
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#2

Dichlorodifluoromethane

Concen: 7.789 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL036639.D

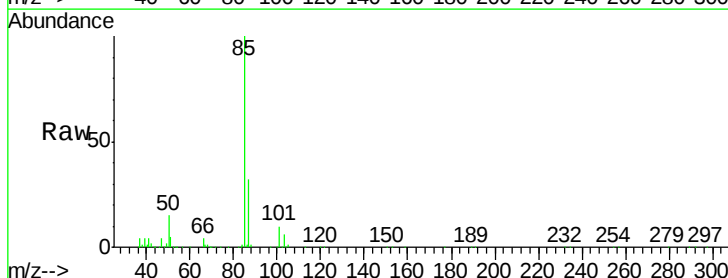
Acq: 1 Apr 2021 21:59

Tgt Ion: 85 Resp: 1542260

Ion Ratio Lower Upper

85 100

87 32.3 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.05

1000000

800000

600000

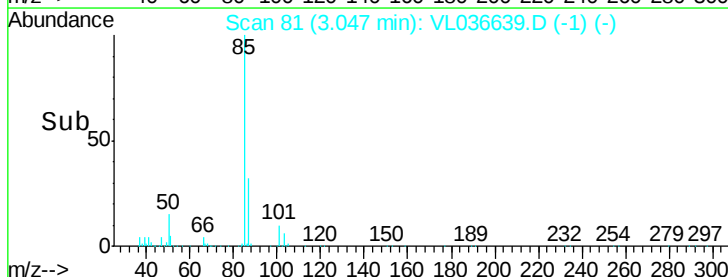
400000

200000

0

3.00 3.05 3.10 3.15

Time-->





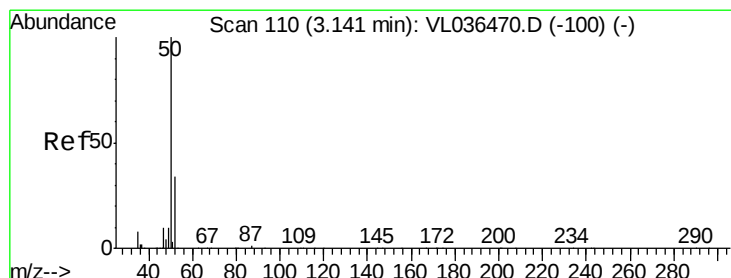
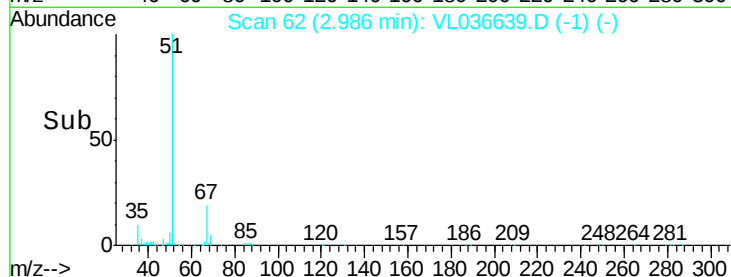
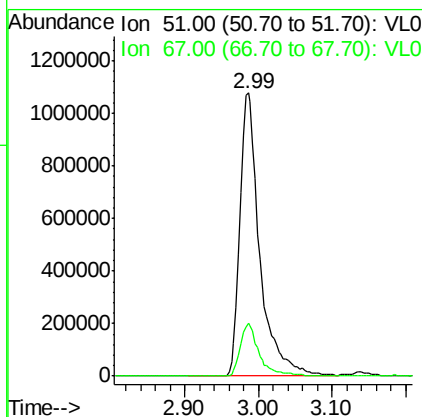
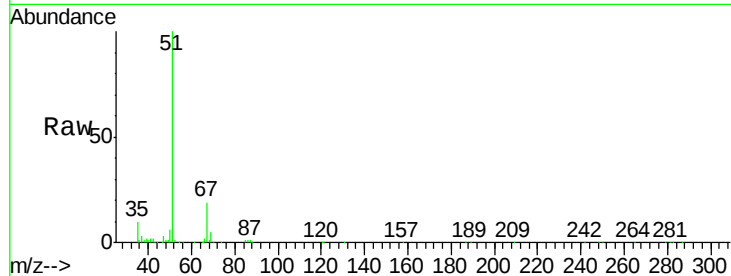
#3
Chlorodifluoromethane
Concen: 8.952 ppbv
RT: 2.99 min Scan# 62
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 51 Resp: 2030261
Ion Ratio Lower Upper
51 100
67 18.1 14.7 22.1

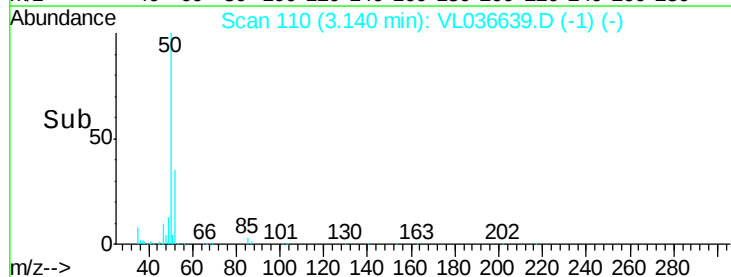
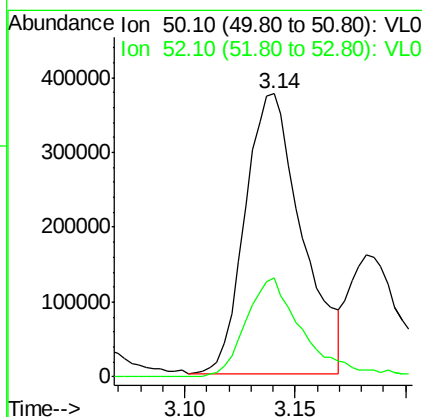
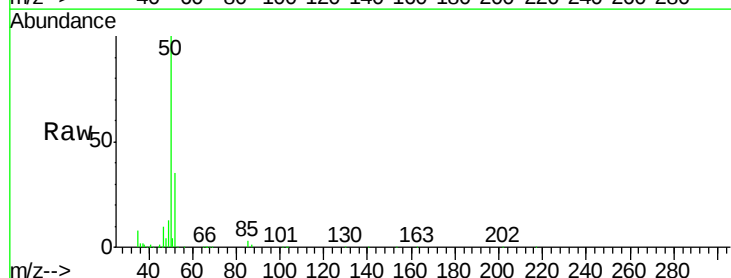
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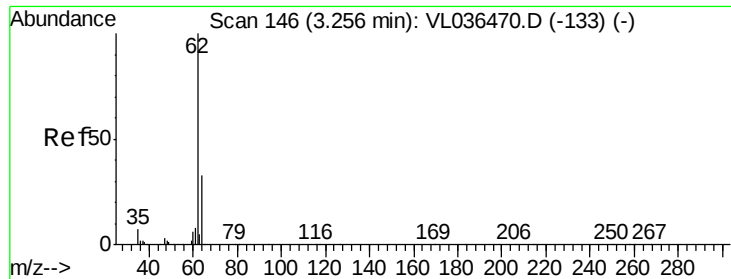
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#4
Chloromethane
Concen: 8.327 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Tgt Ion: 50 Resp: 667071
Ion Ratio Lower Upper
50 100
52 35.3 27.0 40.6





#5

Vinyl Chloride

Concen: 7.944 ppbv

RT: 3.26 min Scan# 146

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 62 Resp: 654344

Ion Ratio Lower Upper

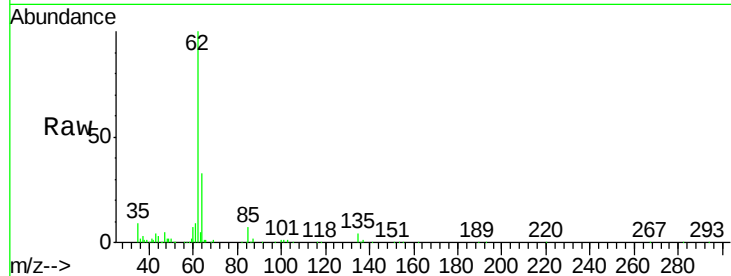
62 100

64 33.5 26.4 39.6

Manual Integrations
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.26

400000

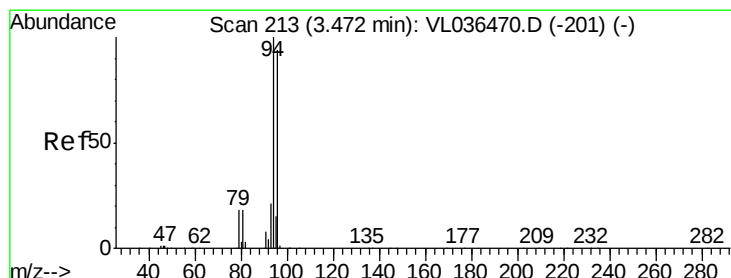
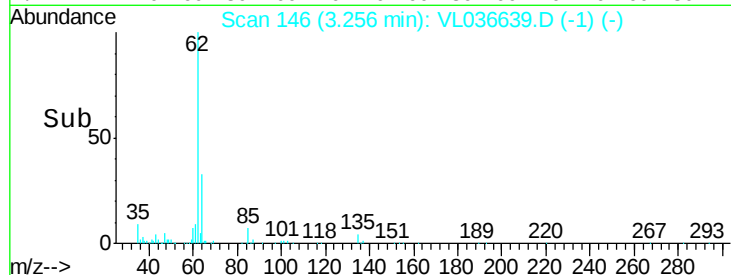
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 8.188 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL036639.D

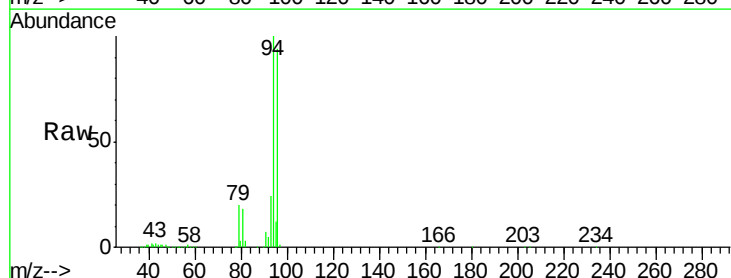
Acq: 1 Apr 2021 21:59

Tgt Ion: 94 Resp: 371350

Ion Ratio Lower Upper

94 100

96 93.7 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

200000

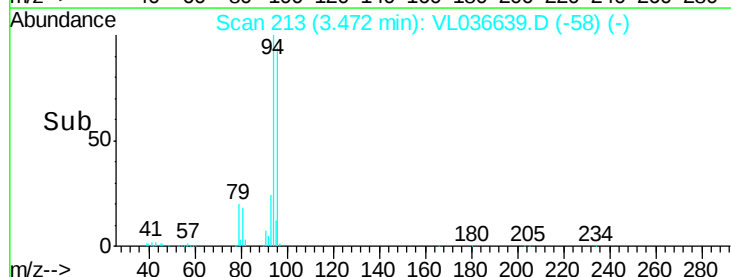
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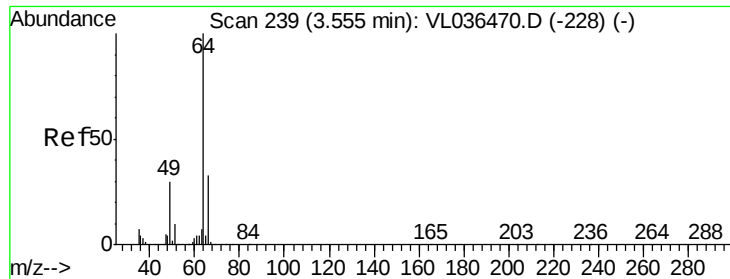
100000

50000

0

Time-->





#7

Chloroethane

Concen: 8.353 ppbv

RT: 3.55 min Scan# 238

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 64 Resp: 236420

Ion Ratio Lower Upper

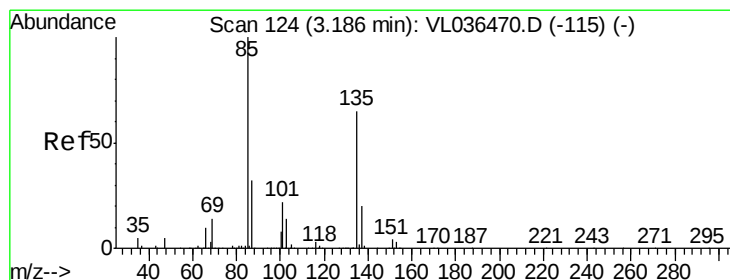
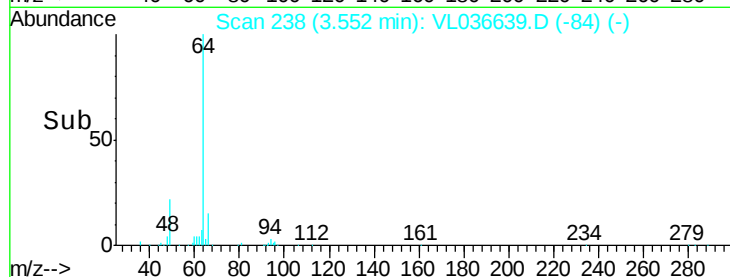
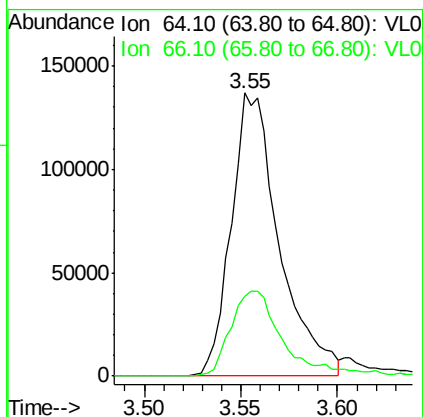
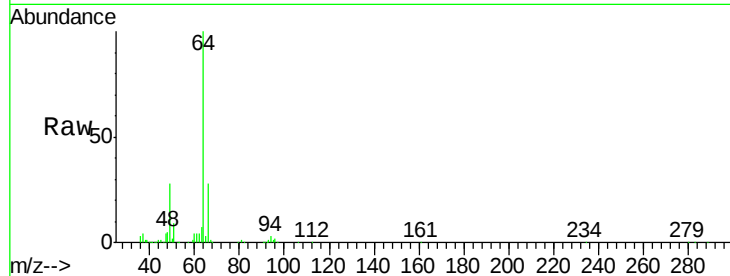
64 100

66 28.3 26.2 39.2

Manual Integrations
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#8

Dichlorotetrafluoroethane

Concen: 8.392 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.00 min

Lab File: VL036639.D

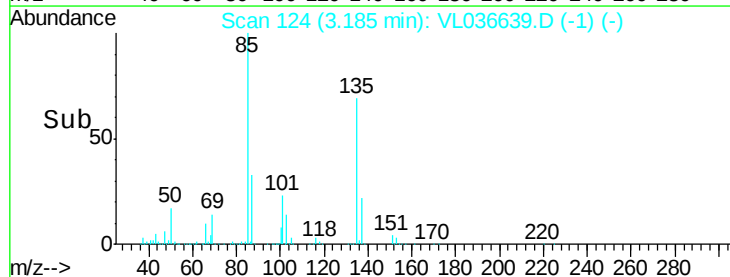
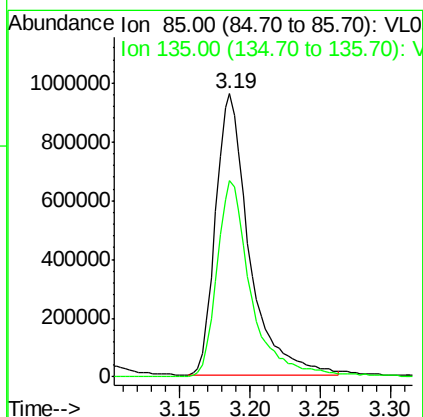
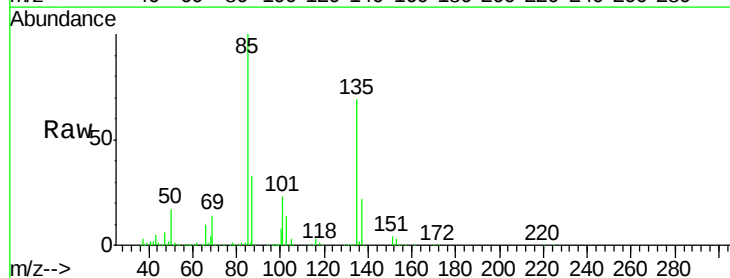
Acq: 1 Apr 2021 21:59

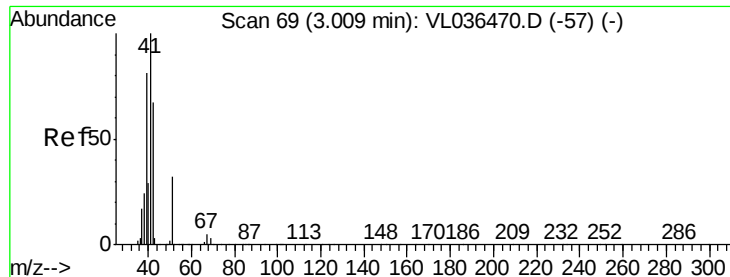
Tgt Ion: 85 Resp: 1585745

Ion Ratio Lower Upper

85 100

135 71.7 54.3 81.5





#9

Propene

Concen: 9.328 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL036639.D

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Tot Ion: 41 Resp: 674485

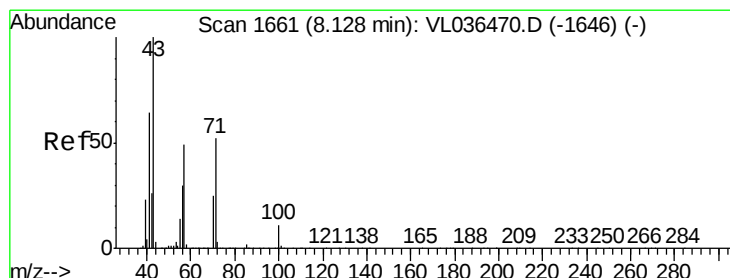
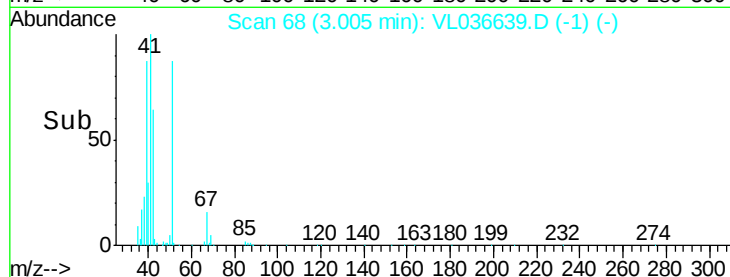
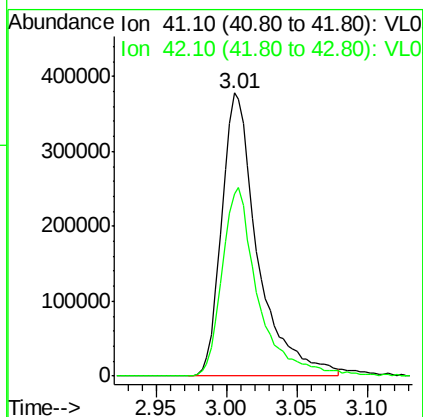
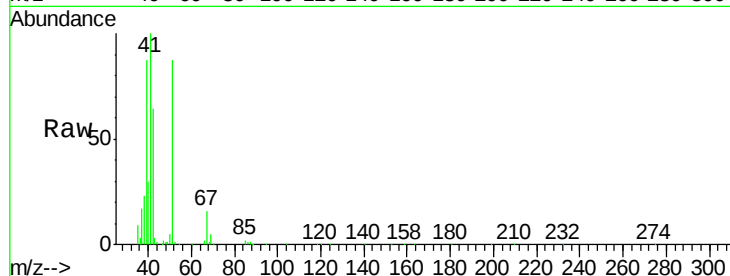
Ion Ratio Lower Upper

41 100

42 67.0 57.0 85.4

Manual Integrations
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#10

Heptane

Concen: 10.453 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL036639.D

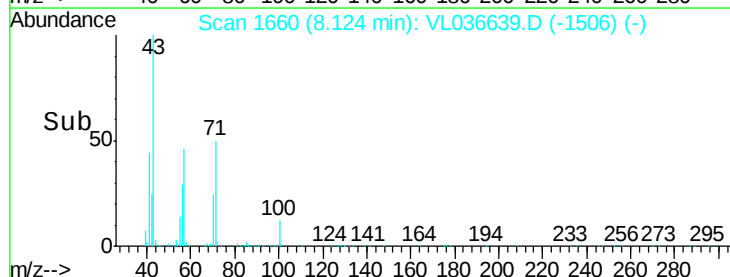
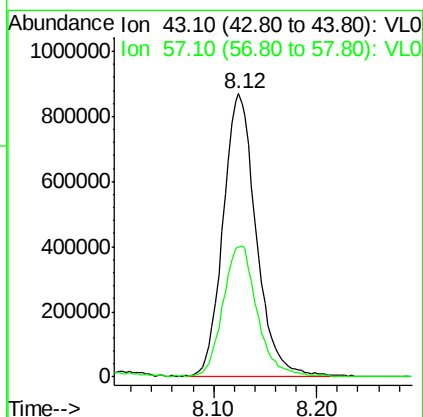
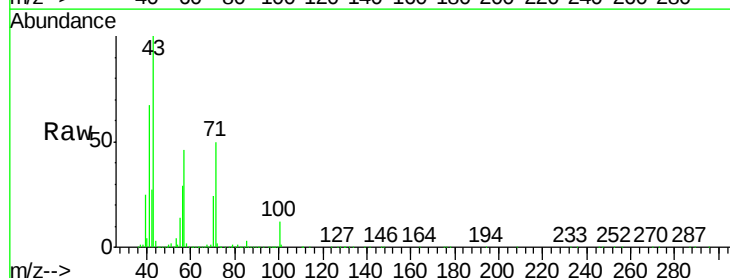
Acq: 1 Apr 2021 21:59

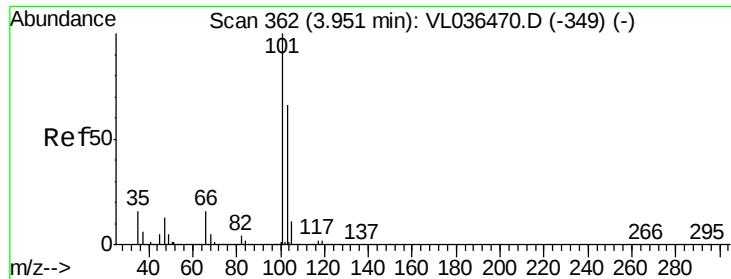
Tgt Ion: 43 Resp: 1925358

Ion Ratio Lower Upper

43 100

57 48.3 39.0 58.6





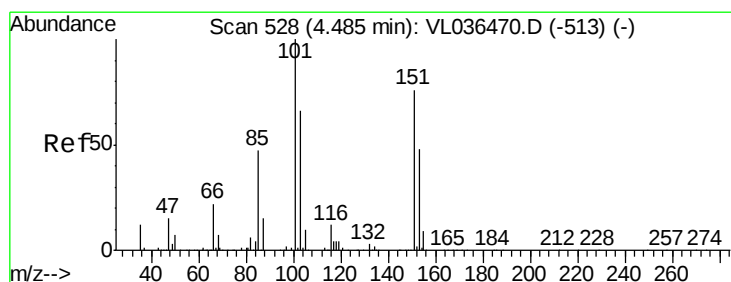
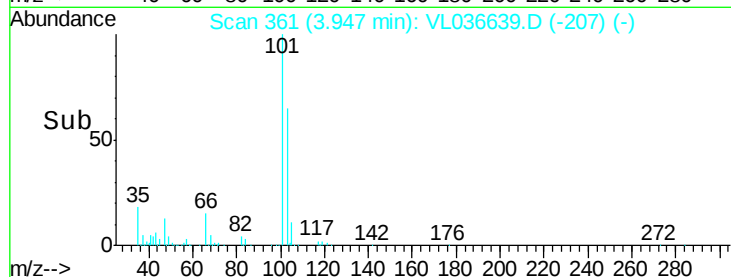
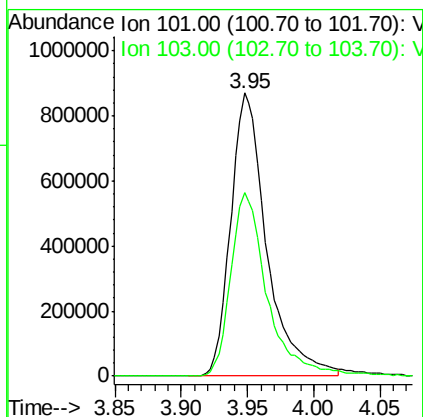
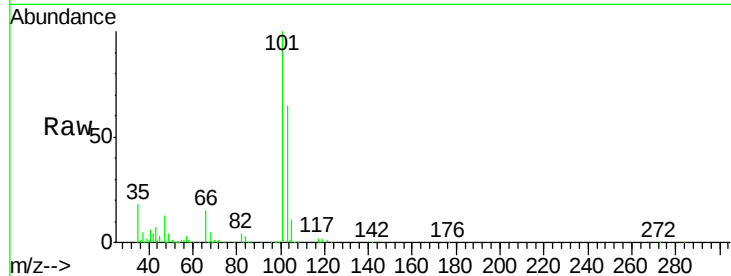
#11
 Trichlorofluoromethane
 Concen: 8.162 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:101 Resp: 1646915
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.5 78.7

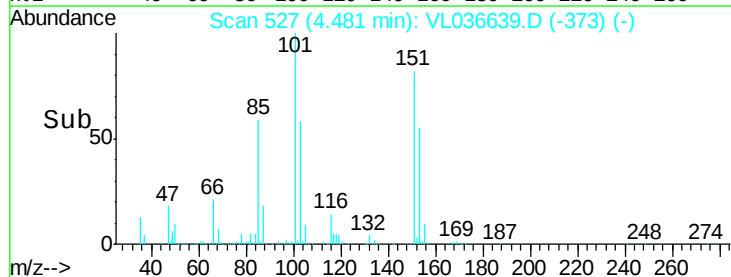
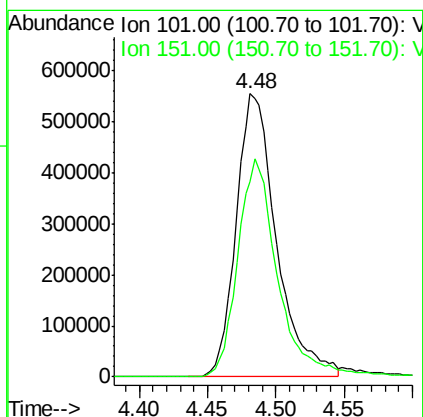
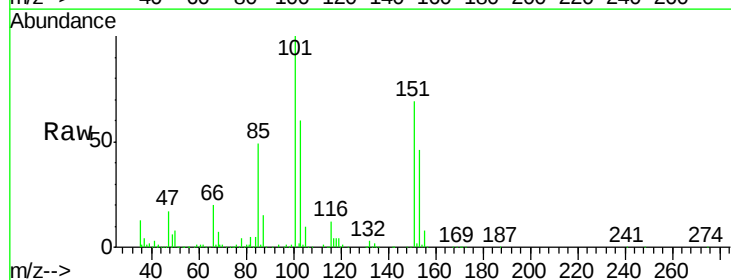
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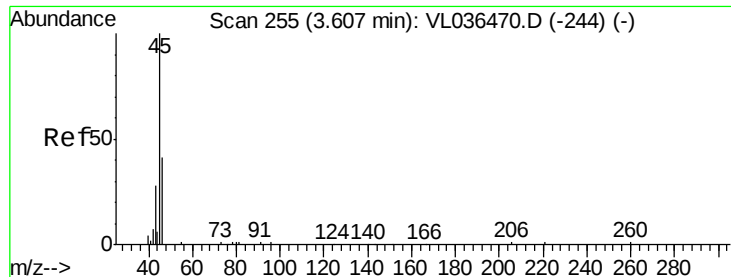
MMDadoda
 4/2/2021 6:55:20 PM



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.837 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion:101 Resp: 1139978
 Ion Ratio Lower Upper
 101 100
 151 76.7 60.9 91.3





#13

Ethanol

Concen: 10.422 ppbv m

RT: 3.61 min Scan# 256

Delta R.T. 0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 89737

Ion Ratio Lower Upper

45 100

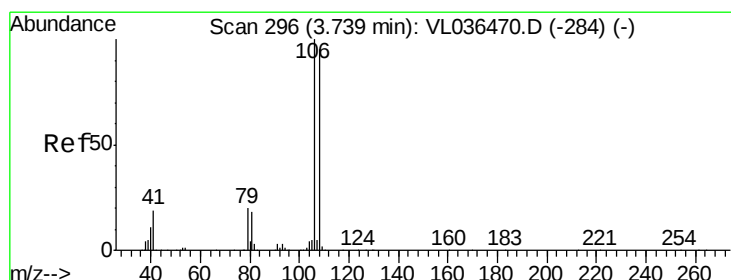
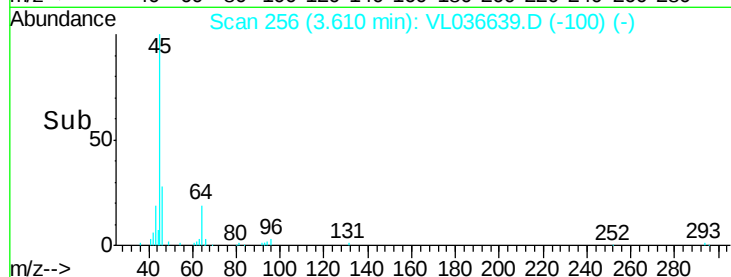
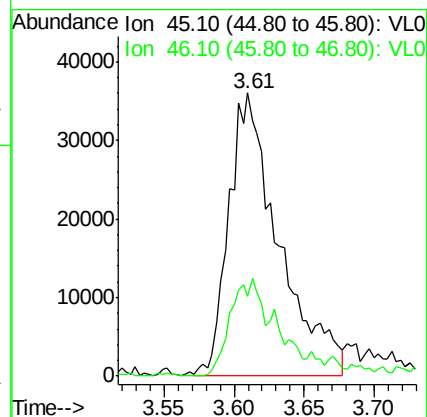
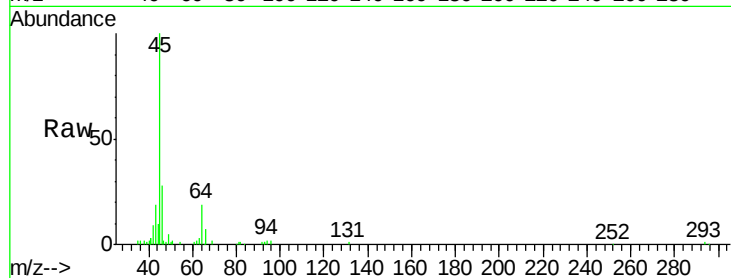
46 36.3 16.6 66.2

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#14

Bromoethene

Concen: 8.972 ppbv

RT: 3.74 min Scan# 296

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

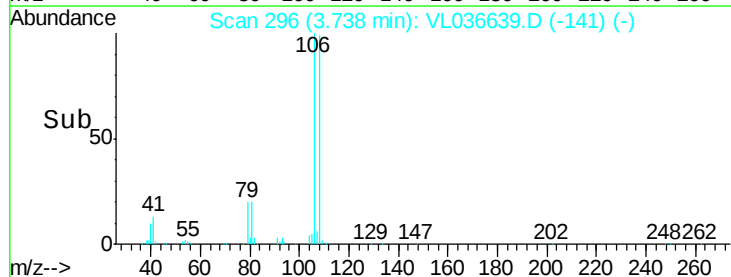
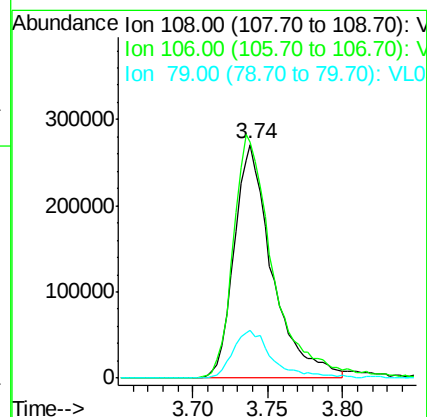
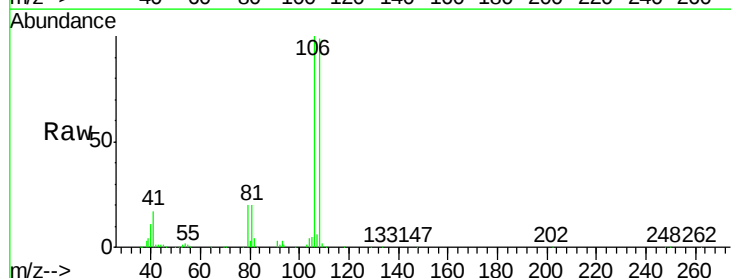
Tgt Ion: 108 Resp: 481190

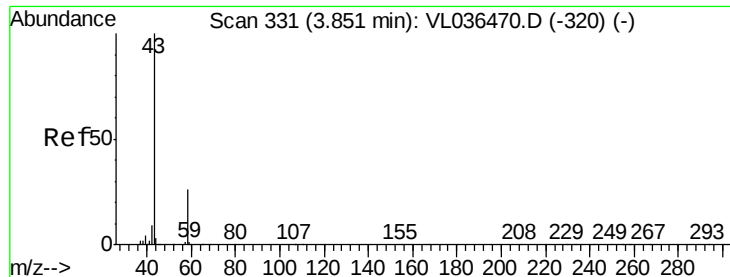
Ion Ratio Lower Upper

108 100

106 110.2 89.0 133.6

79 21.1 16.6 25.0





#15

Acetone

Concen: 38.050 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.02 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 4546068

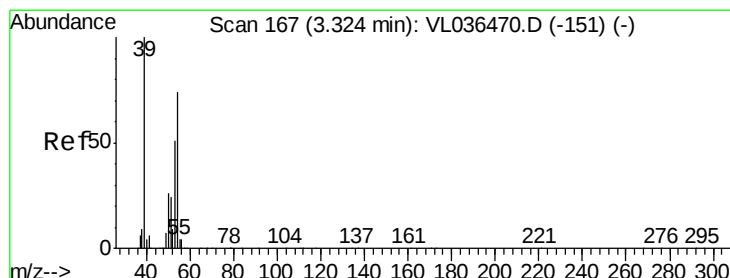
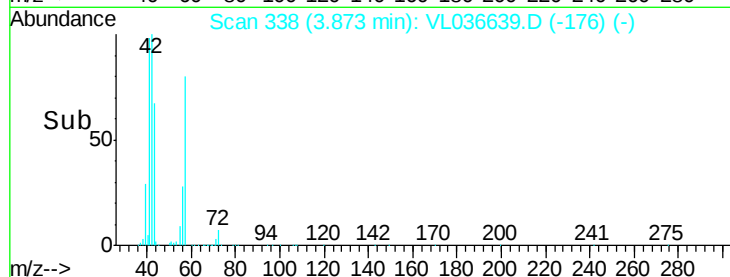
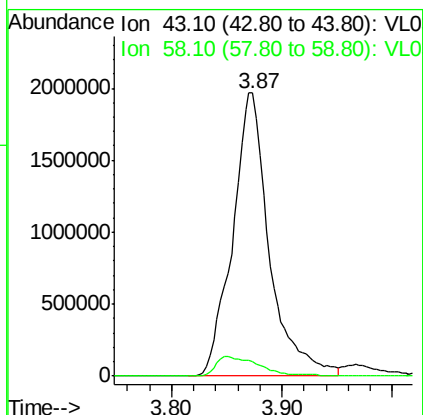
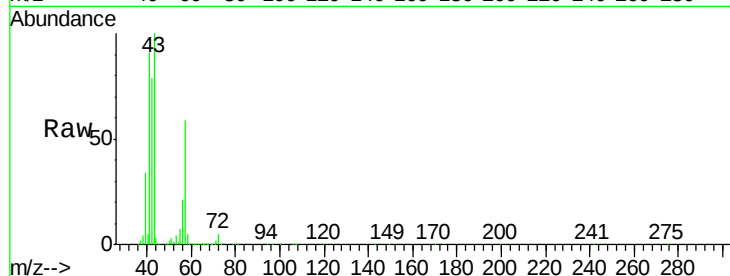
Ion Ratio Lower Upper

43 100

58 8.6 21.2 31.8#

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#16

1,3-Butadiene

Concen: 8.459 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.00 min

Lab File: VL036639.D

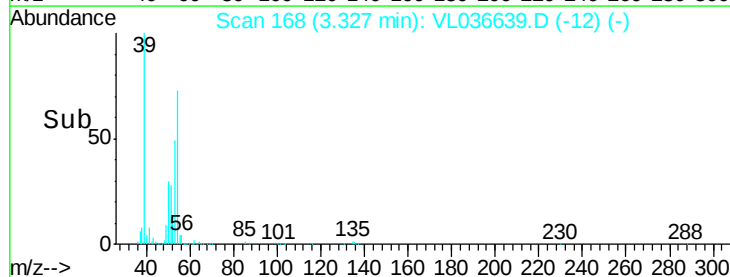
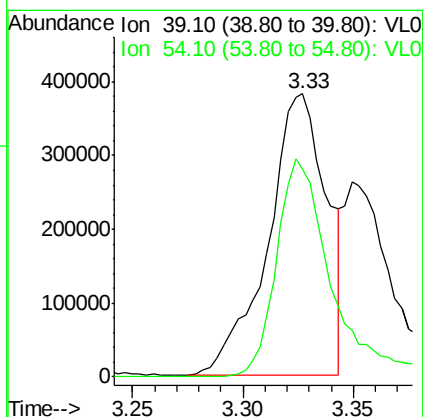
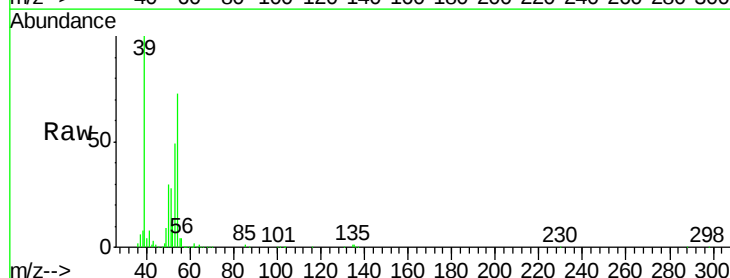
Acq: 1 Apr 2021 21:59

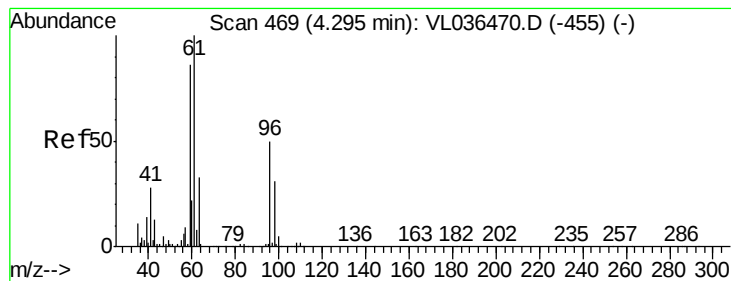
Tgt Ion: 39 Resp: 703622

Ion Ratio Lower Upper

39 100

54 74.9 58.8 88.2





#17

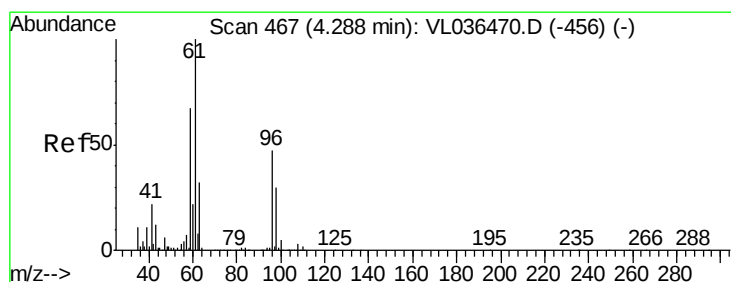
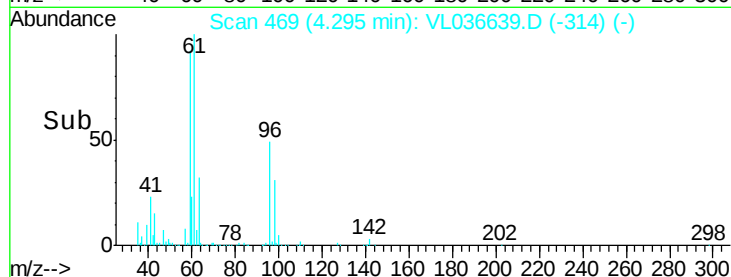
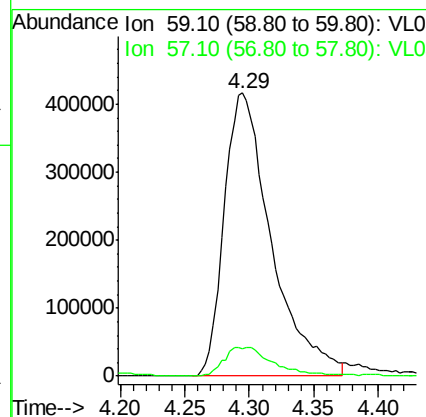
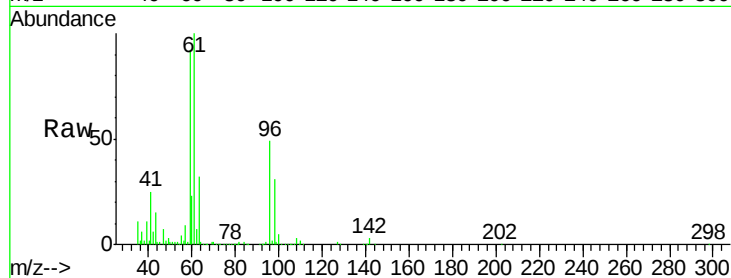
tert-Butyl alcohol
 Concen: 10.116 ppbv
 RT: 4.29 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 59 Resp: 1052148
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.6 12.8

Manual Integrations
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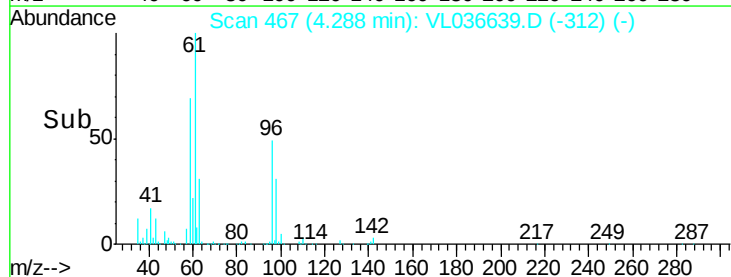
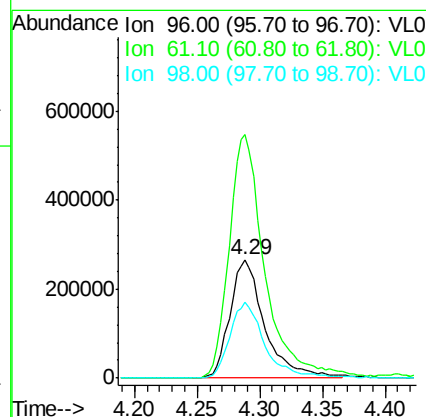
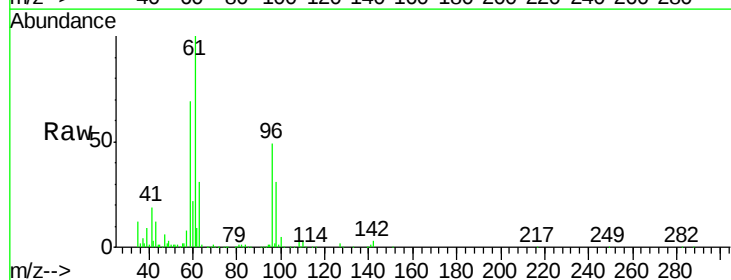
MMDadoda
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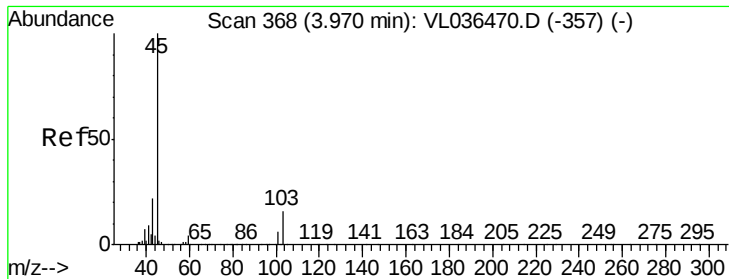


#18

1,1-Dichloroethene
 Concen: 8.908 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion: 96 Resp: 511194
 Ion Ratio Lower Upper
 96 100
 61 206.1 168.6 253.0
 98 63.9 50.8 76.2





#19

Isopropyl Alcohol

Concen: 9.140 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 600707

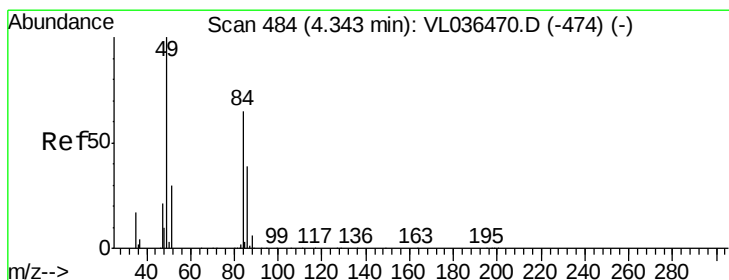
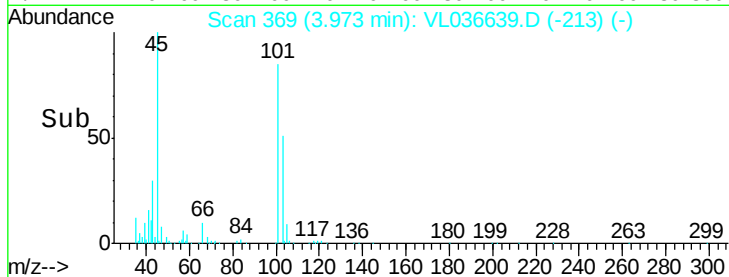
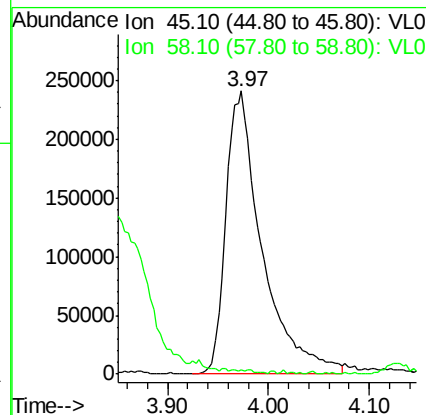
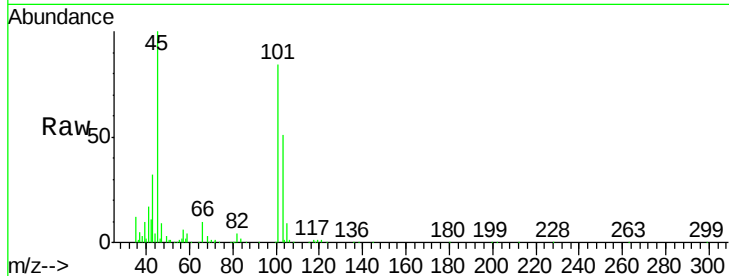
Ion Ratio Lower Upper

45 100

58 63.9 2.9 4.3#

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#20

Methylene Chloride

Concen: 8.027 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Tgt Ion: 84 Resp: 449054

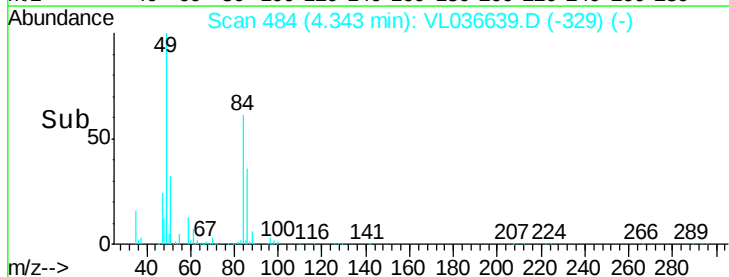
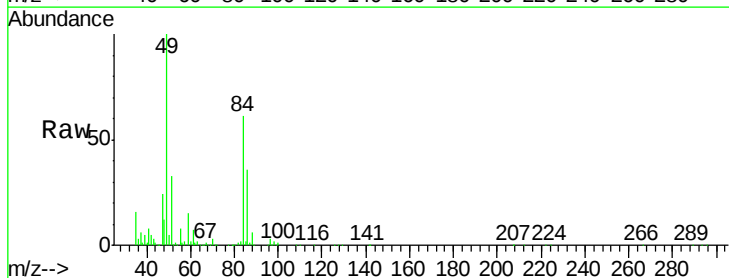
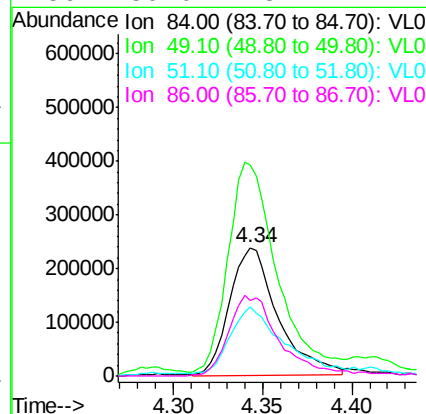
Ion Ratio Lower Upper

84 100

49 162.0 122.9 184.3

51 52.2 36.9 55.3

86 59.0 48.2 72.4





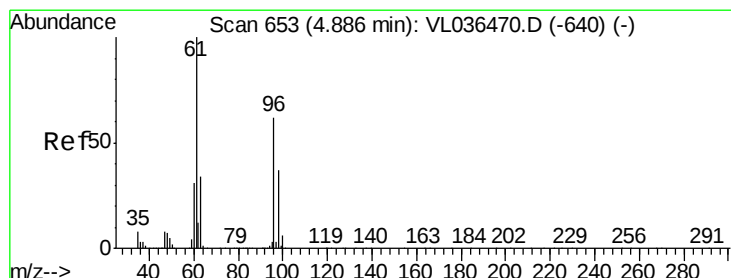
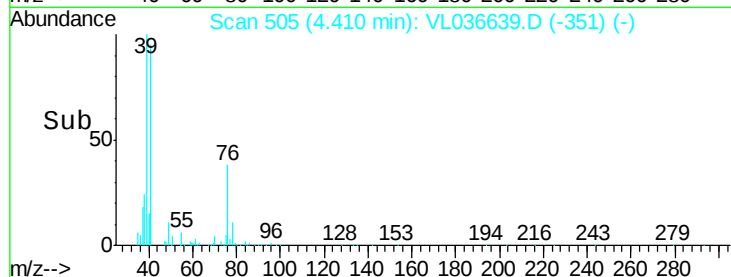
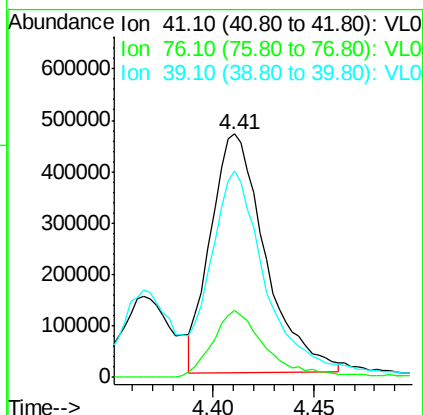
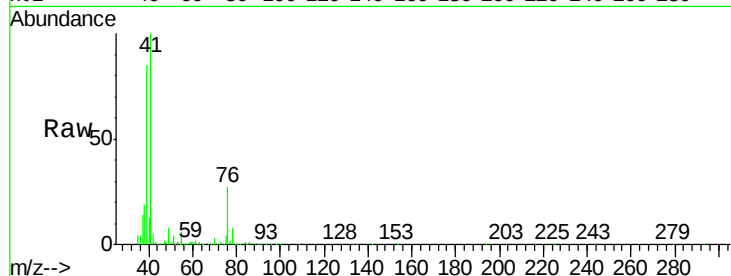
#21
Allvl Chloride
Concen: 9.132 ppbv
RT: 4.41 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
41	100		
76	28.3	22.9	34.3
39	92.6	67.3	100.9

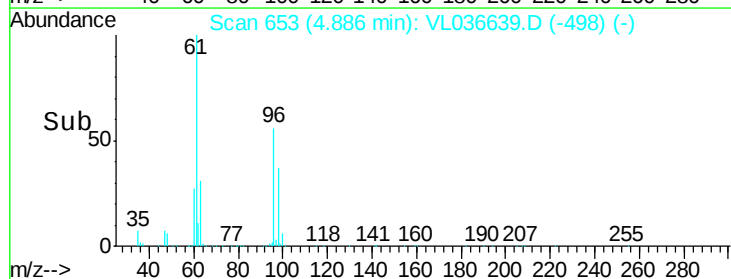
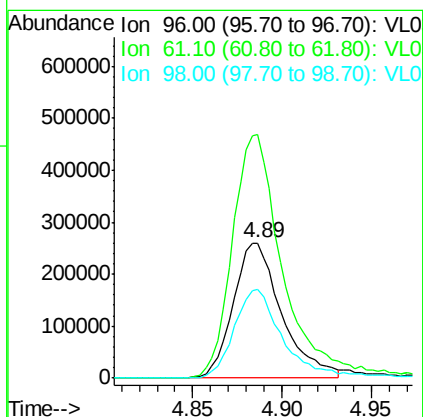
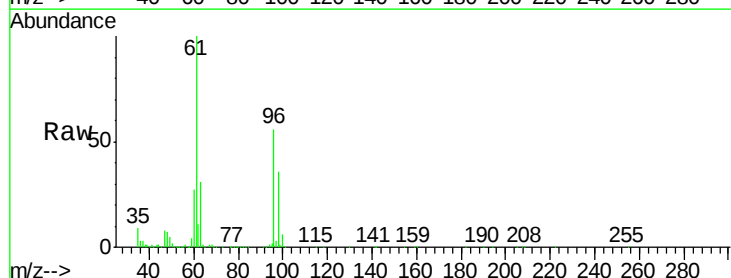
Manual Integrations
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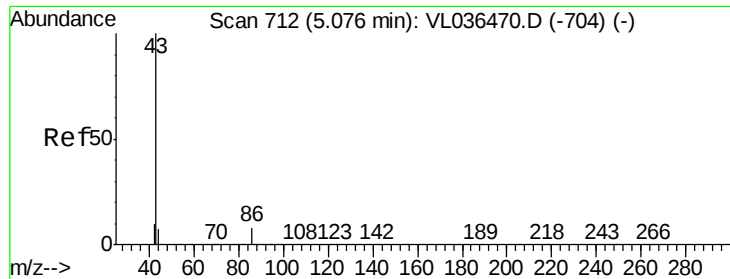
MMDadoda
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#22
trans-1,2-Dichloroethene
Concen: 9.263 ppbv
RT: 4.89 min Scan# 653
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.8	129.4	194.0
98	65.5	48.2	72.4





#23

Vinyl Acetate

Concen: 12.801 ppbv

RT: 5.11 min Scan# 722

Delta R.T. 0.03 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 2616139

Ion Ratio Lower Upper

43 100

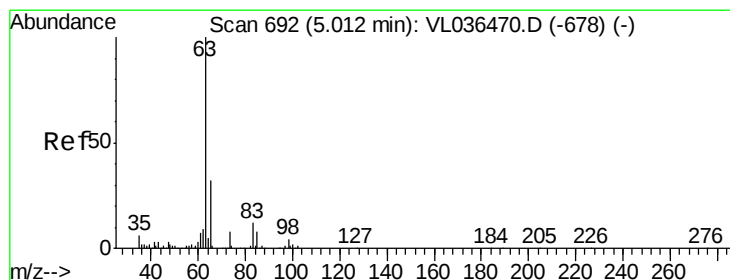
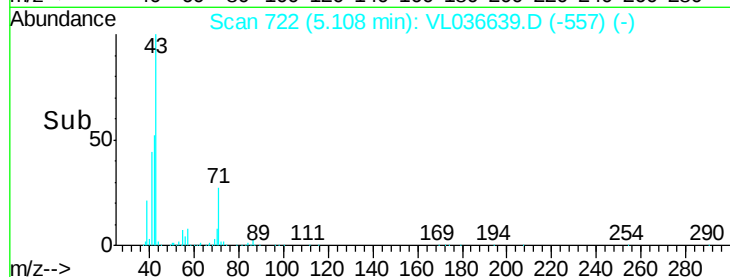
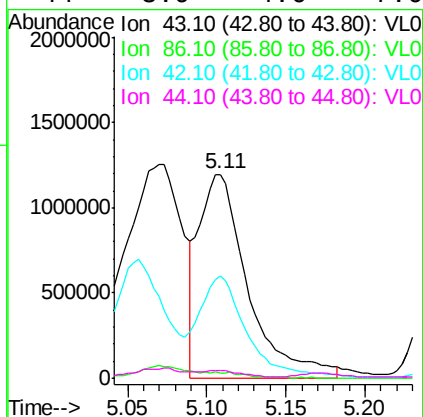
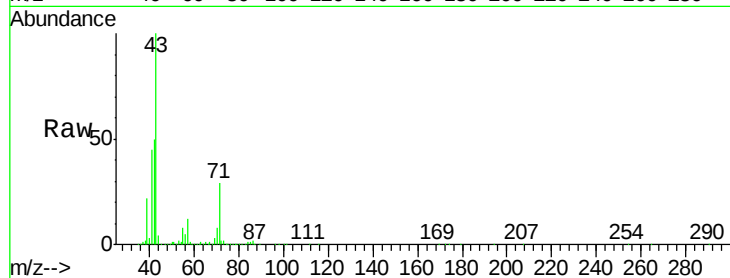
86 2.5 5.4 8.0#

42 49.9 8.5 12.7#

44 3.9 4.6 7.0#

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#24

1,1-Dichloroethane

Concen: 8.769 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

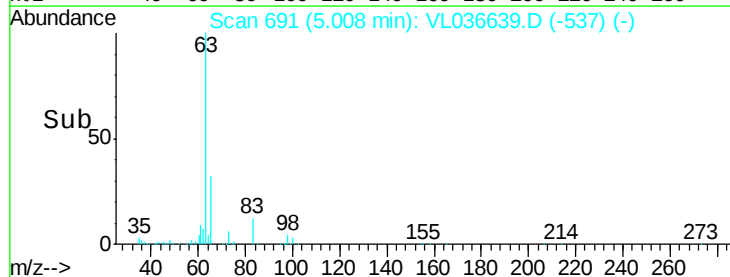
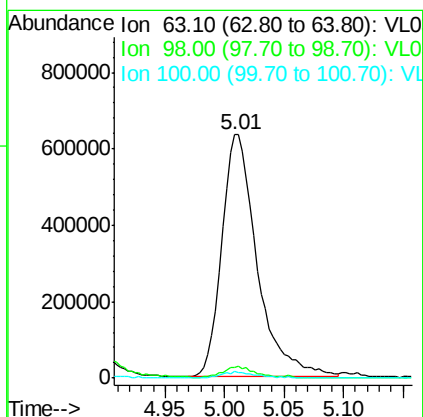
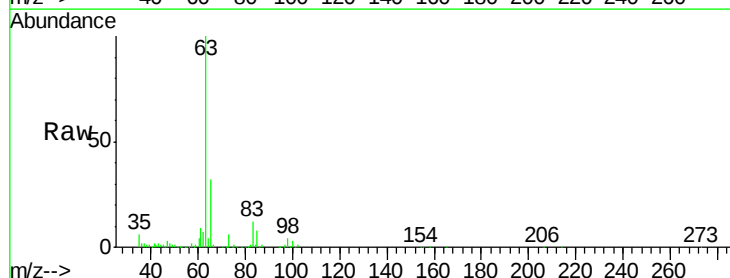
Tgt Ion: 63 Resp: 1306283

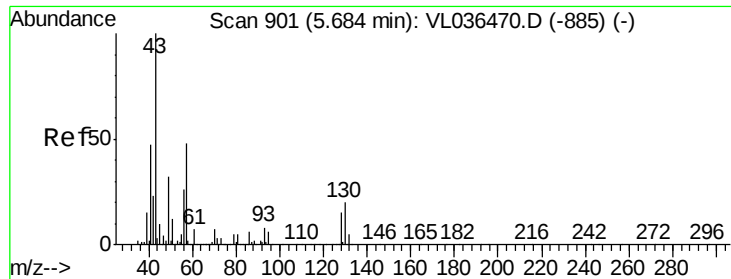
Ion Ratio Lower Upper

63 100

98 4.2 2.1 6.2

100 2.7 0.9 2.8





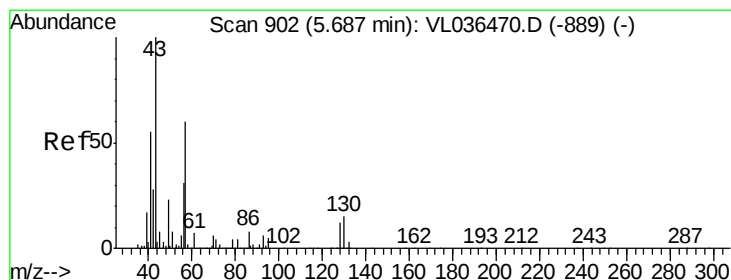
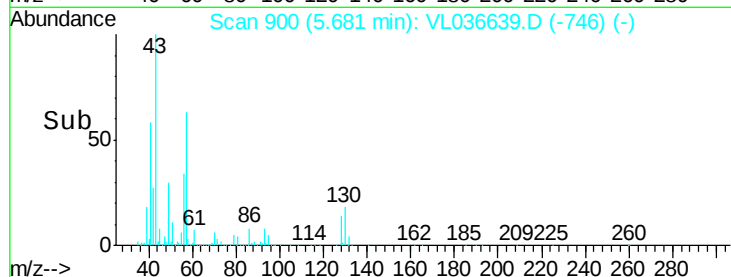
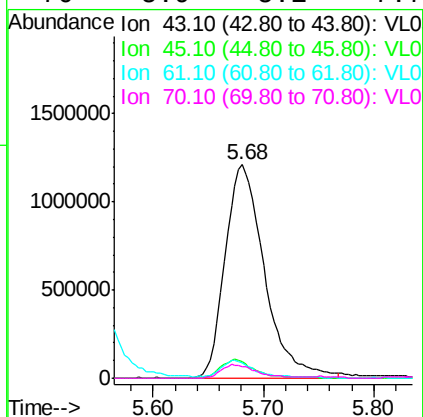
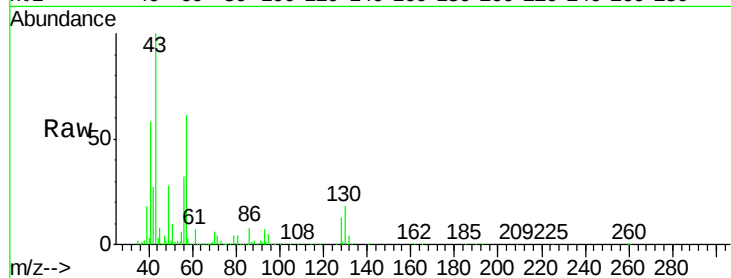
#25
Ethyl Acetate
Concen: 10.498 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
45	7.9	7.9	11.9	#
61	7.9	7.4	11.2	
70	5.9	5.1	7.7	

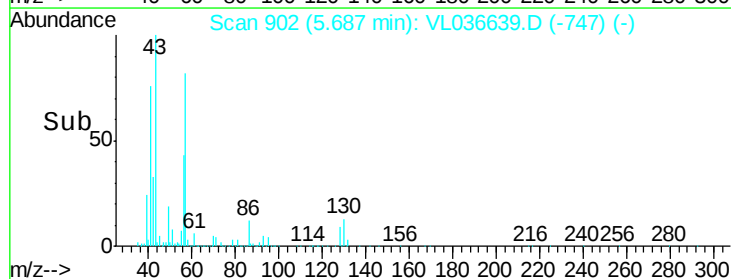
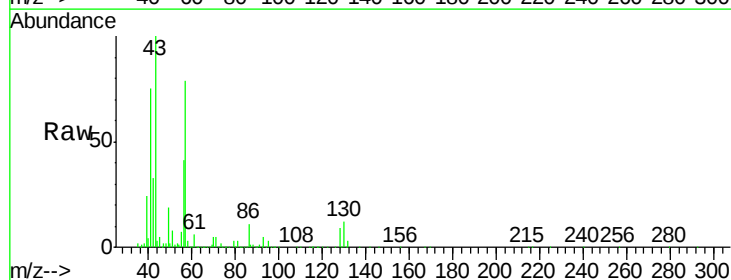
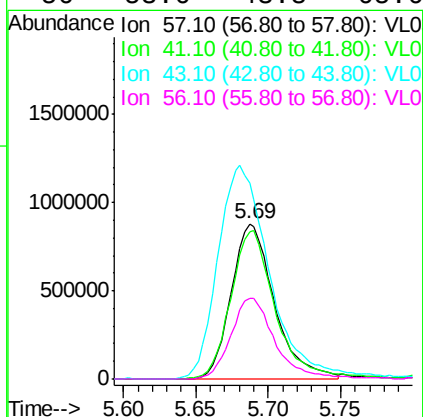
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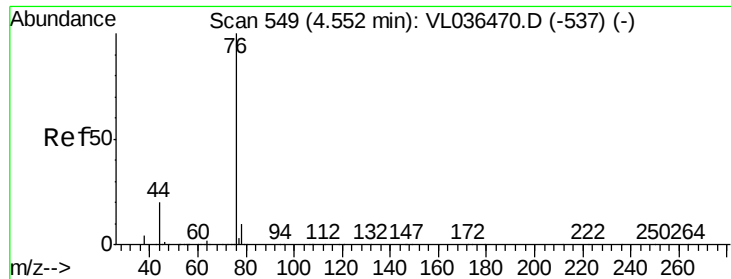
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#26
Hexane
Concen: 13.743 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	99.6	77.2	115.8	
43	167.3	173.8	260.6	#
56	53.6	43.8	65.6	





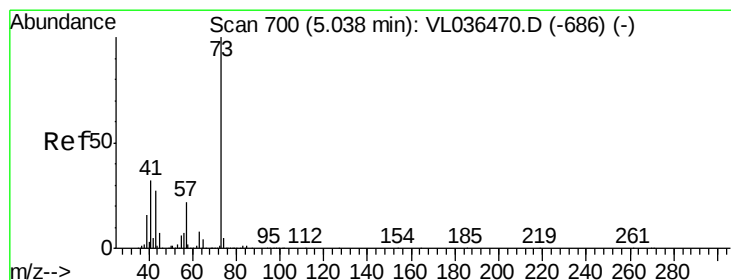
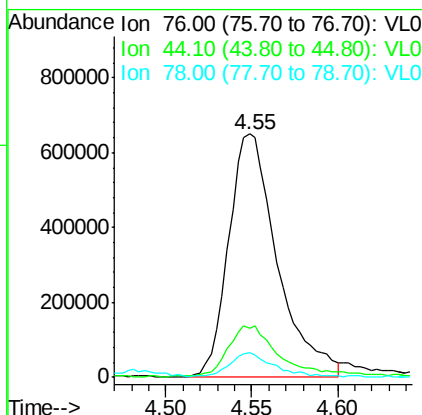
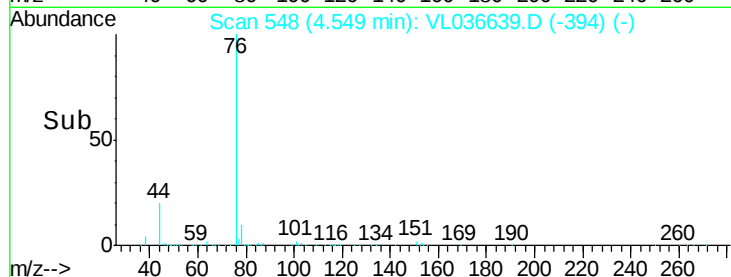
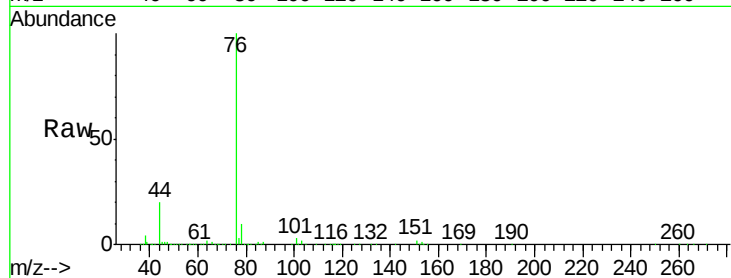
#27
Carbon Disulfide
Concen: 9.802 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 76 Resp: 1272842
Ion Ratio Lower Upper
76 100
44 23.6 17.5 26.3
78 10.0 8.6 13.0

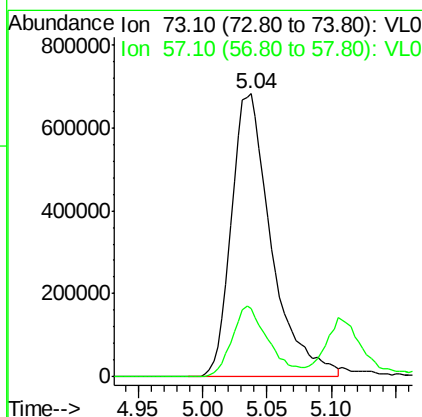
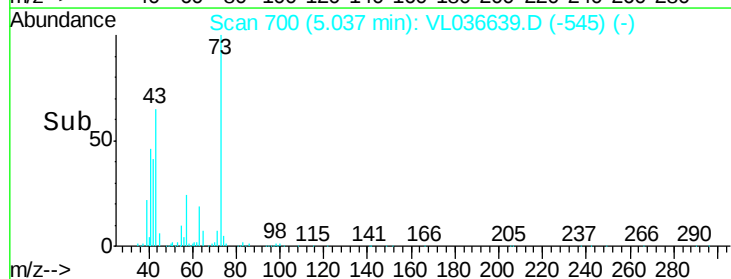
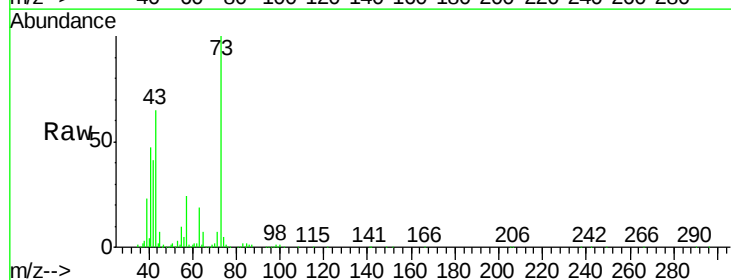
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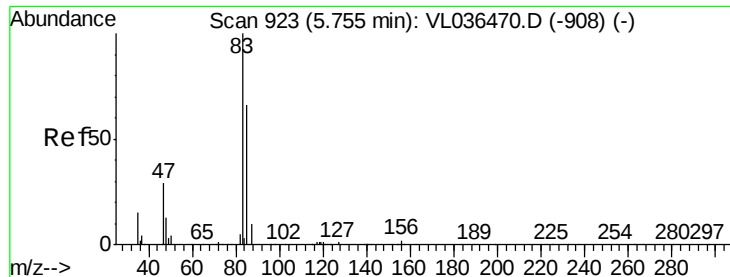
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#28
Methyl tert-Butyl Ether
Concen: 9.459 ppbv
RT: 5.04 min Scan# 700
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Tgt Ion: 73 Resp: 1470481
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7





#29

Chloroform

Concen: 8.514 ppbv

RT: 5.75 min Scan# 923

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 83 Resp: 1794795

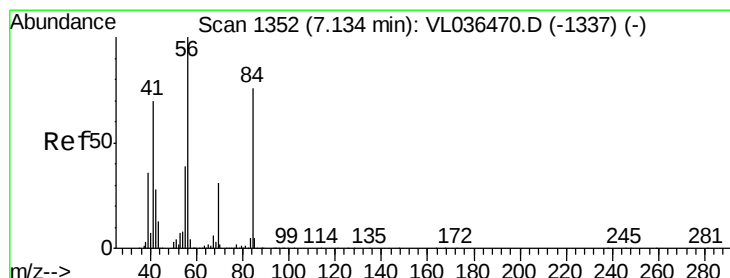
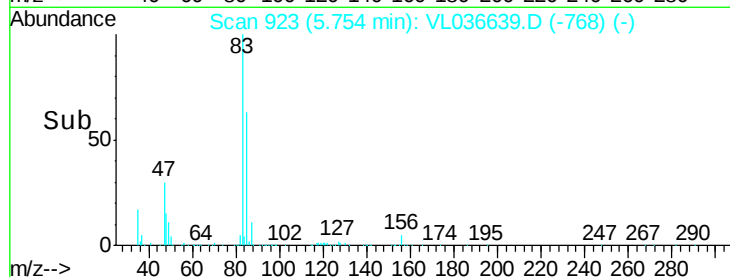
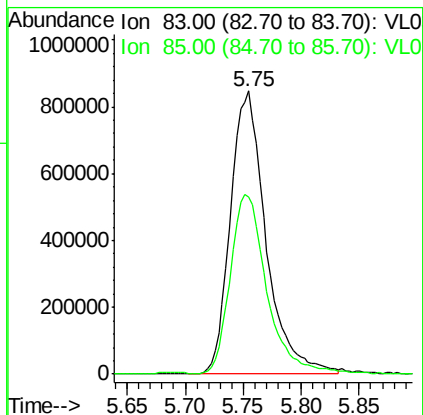
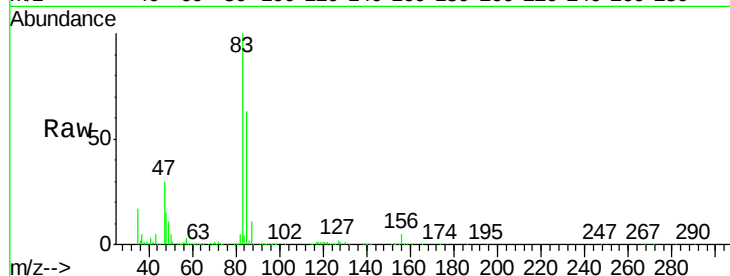
Ion Ratio Lower Upper

83 100

85 62.6 52.6 78.8

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#30

Cyclohexane

Concen: 10.589 ppbv

RT: 7.13 min Scan# 1351

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

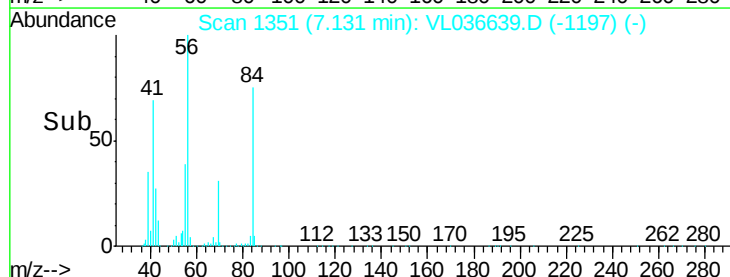
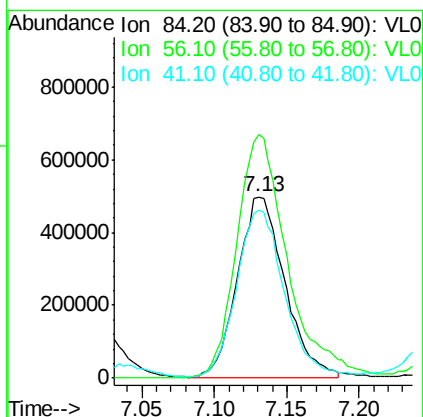
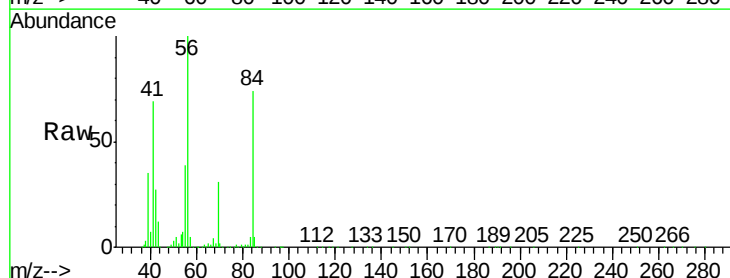
Tgt Ion: 84 Resp: 1132059

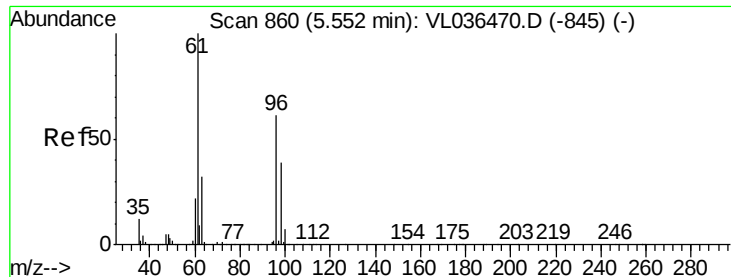
Ion Ratio Lower Upper

84 100

56 144.0 114.6 171.8

41 93.2 75.3 112.9





#31

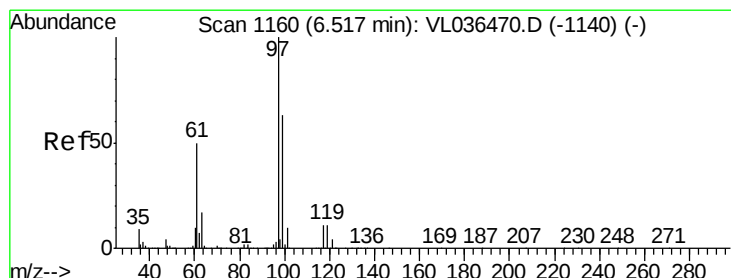
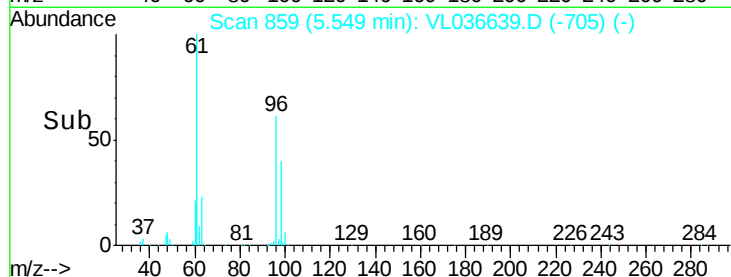
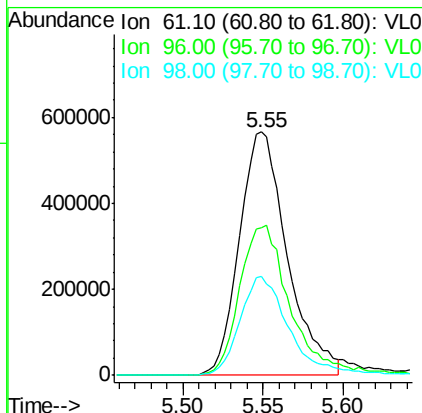
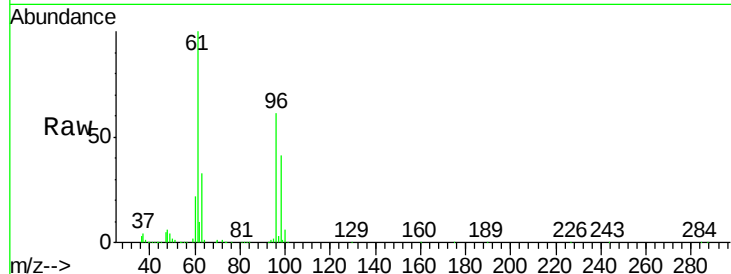
cis-1,2-Dichloroethene
Concen: 9.116 ppbv
RT: 5.55 min Scan# 859
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
61	100		
96	60.7	48.7	73.1
98	40.5	31.4	47.0

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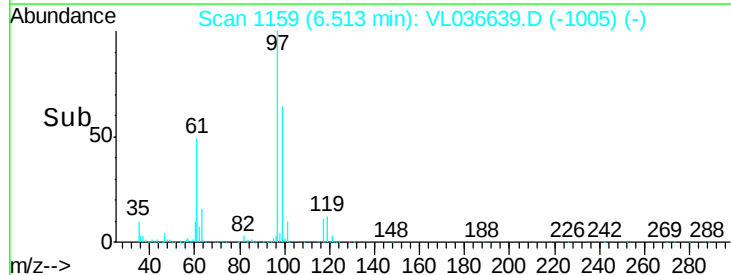
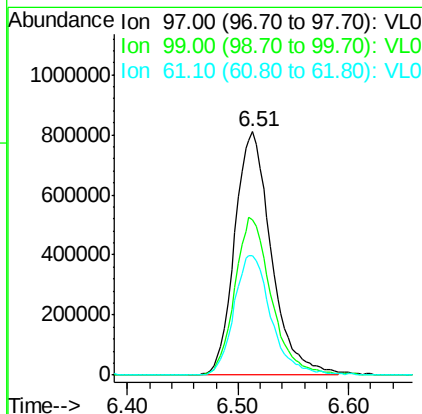
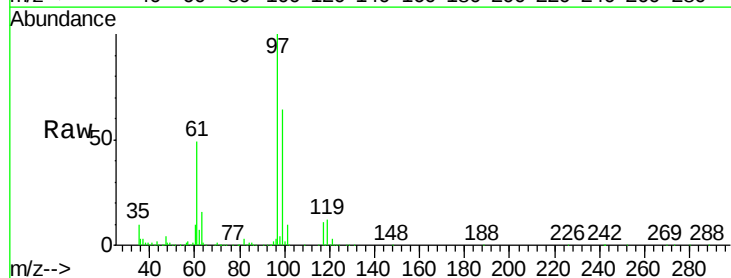
MMDadoda
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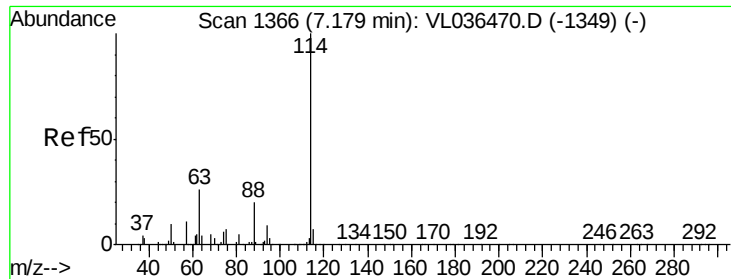


#32

1,1,1-Trichloroethane
Concen: 8.792 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	49.6	40.6	60.8





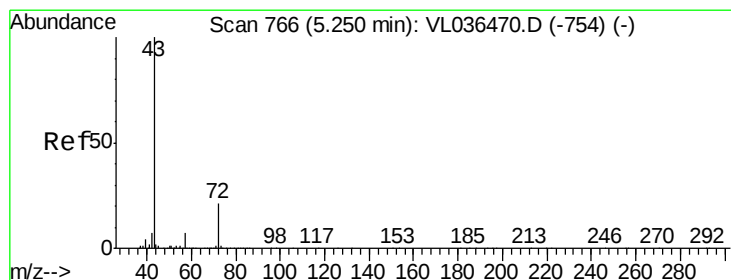
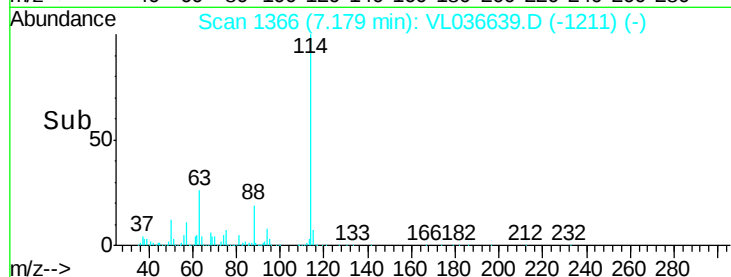
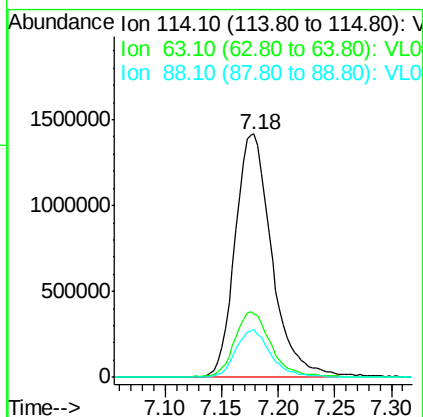
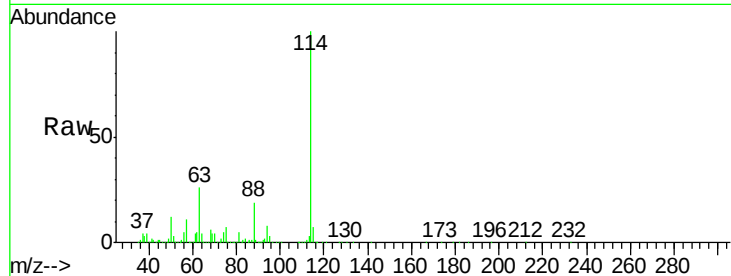
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.4	33.6
88	18.9	15.4	23.0

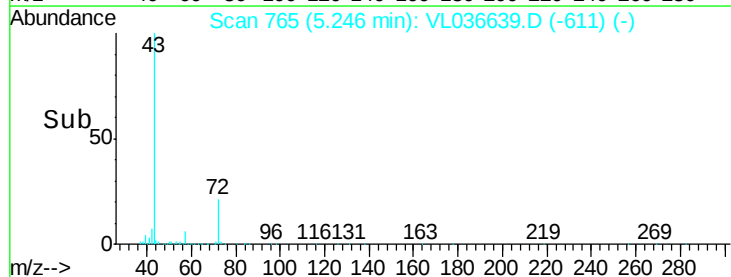
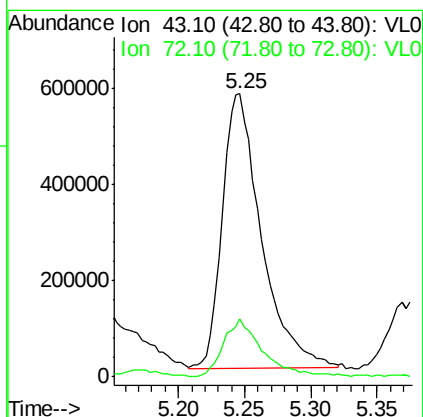
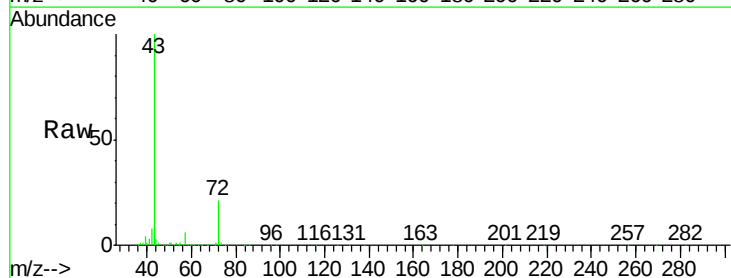
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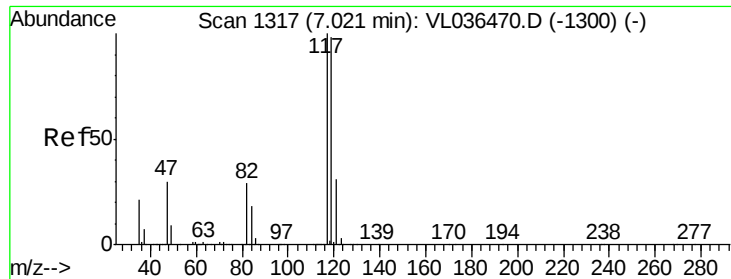
MMDadoda
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#34
 2-Butanone
 Concen: 7.476 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.5	17.0	25.6





#35

Carbon Tetrachloride

Concen: 7.918 ppbv

RT: 7.02 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:117 Resp: 1944725

Ion Ratio Lower Upper

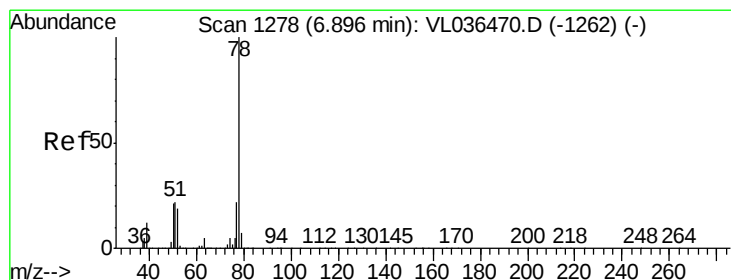
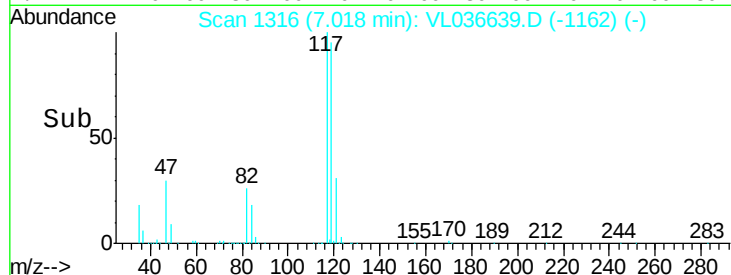
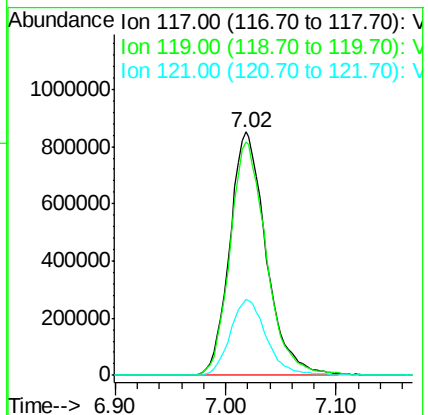
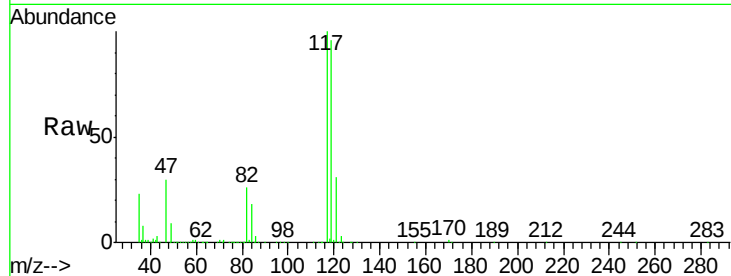
117 100

119 95.9 78.2 117.2

121 30.9 24.5 36.7

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#36

Benzene

Concen: 8.867 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

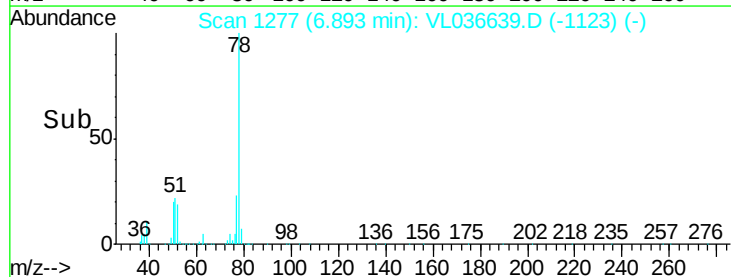
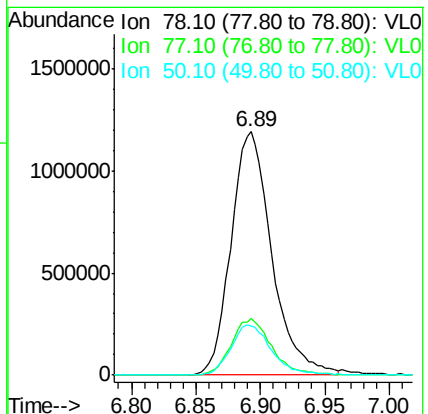
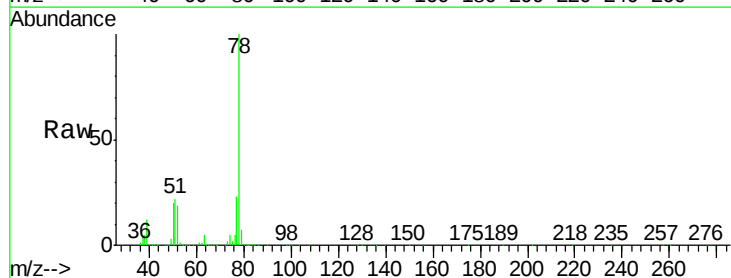
Tgt Ion: 78 Resp: 2614982

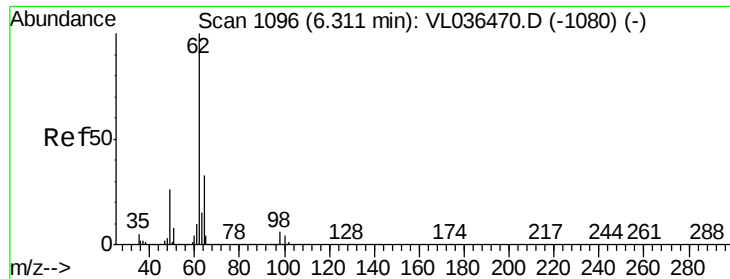
Ion Ratio Lower Upper

78 100

77 23.1 18.0 27.0

50 19.9 16.5 24.7





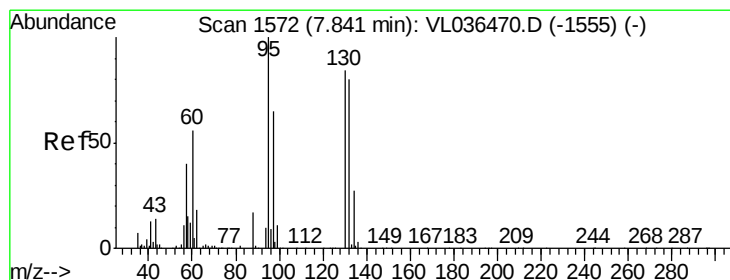
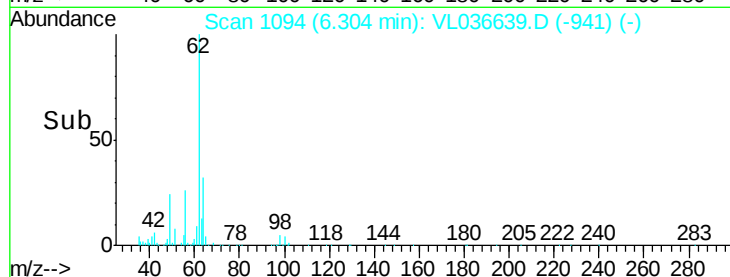
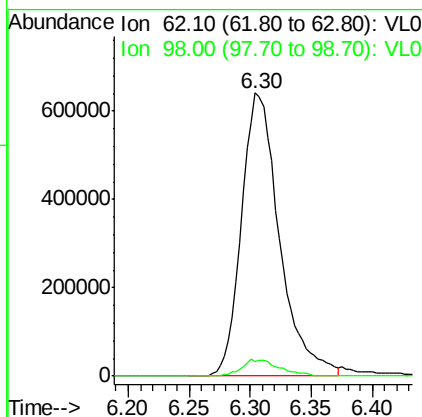
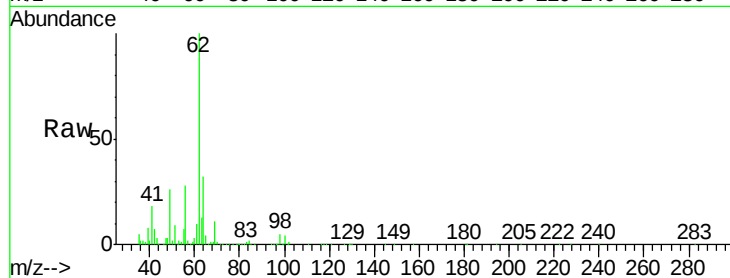
#37
 1,2-Dichloroethane
 Concen: 7.938 ppbv
 RT: 6.30 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 62 Resp: 1377741
 Ion Ratio Lower Upper
 62 100
 98 6.0 4.9 7.3

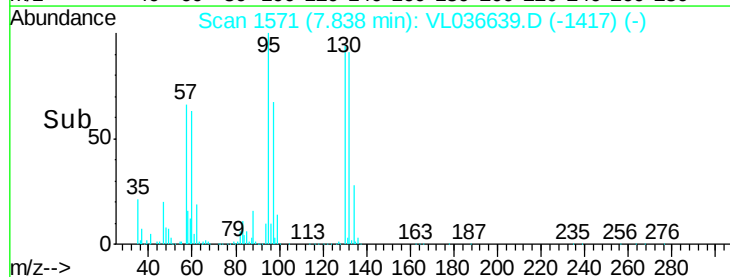
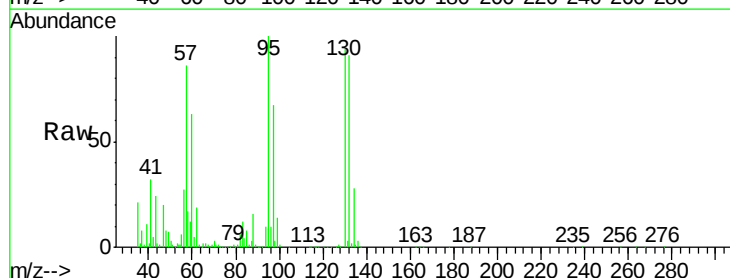
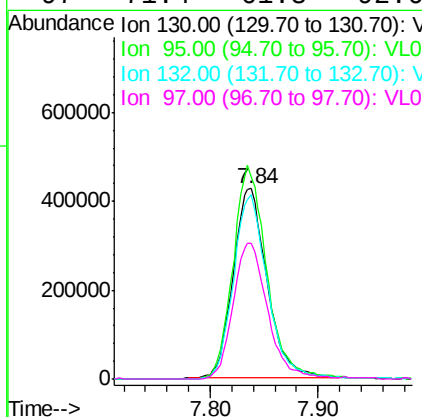
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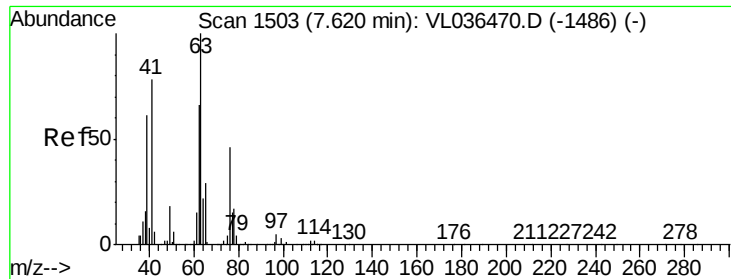
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#38
 Trichloroethene
 Concen: 8.166 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion: 130 Resp: 937242
 Ion Ratio Lower Upper
 130 100
 95 106.4 95.7 143.5
 132 96.7 76.2 114.4
 97 71.4 61.8 92.6





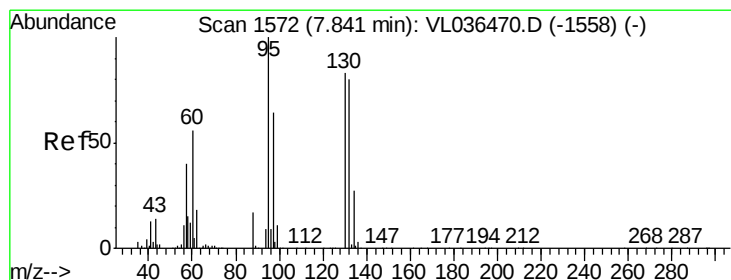
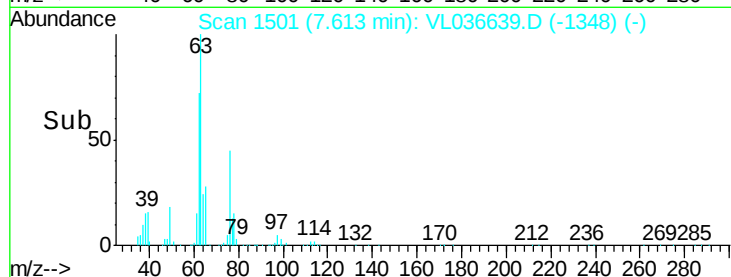
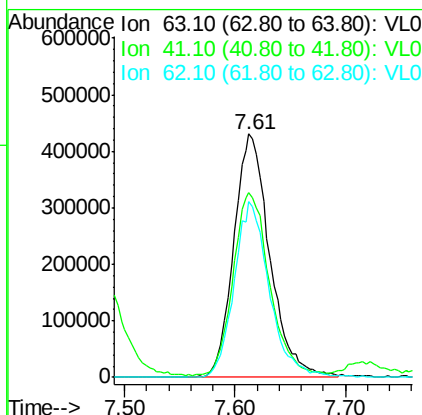
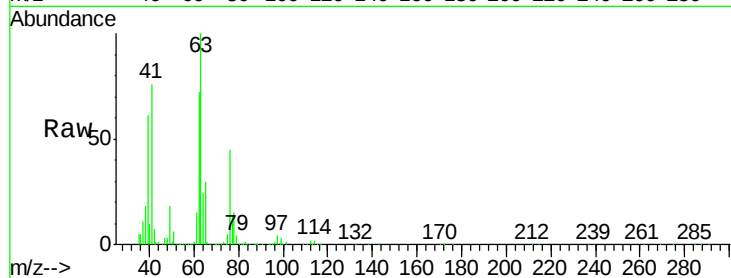
#39
 1,2-Dichloropropane
 Concen: 8.126 ppbv
 RT: 7.61 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
63	100		
41	74.6	62.4	93.6
62	72.4	52.8	79.2

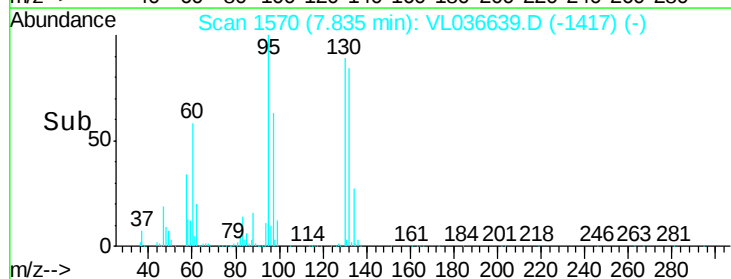
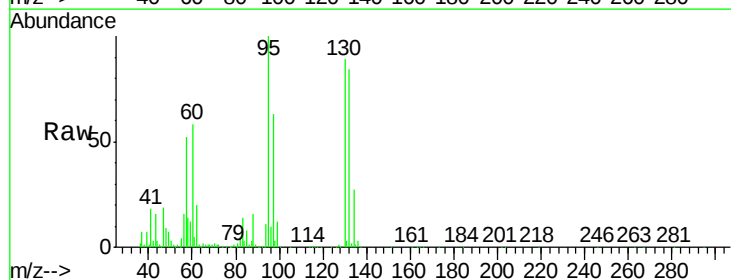
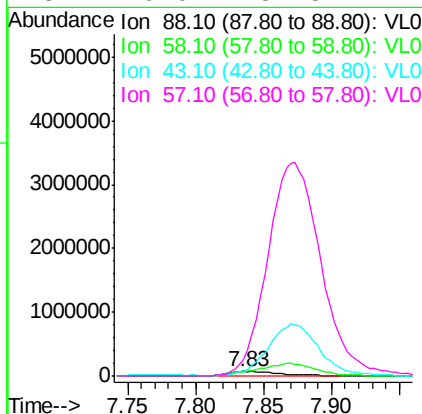
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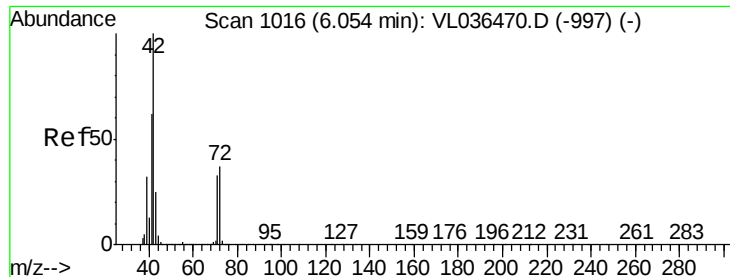
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#40
 1,4-Dioxane
 Concen: 7.133 ppbv m
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	134.1	201.1#
43	0.0	346.6	520.0#
57	0.0	1481.8	2222.8#





#41

Tetrahydrofuran

Concen: 7.761 ppbv

RT: 6.05 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

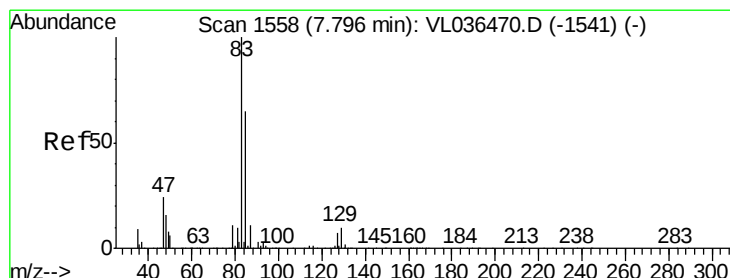
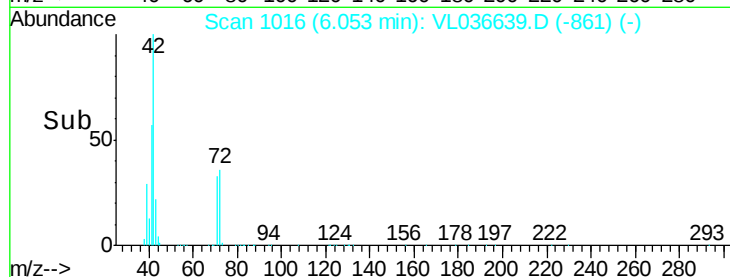
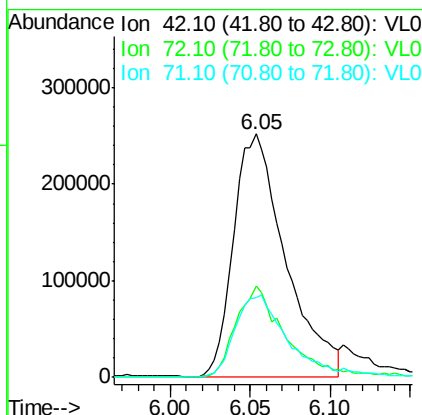
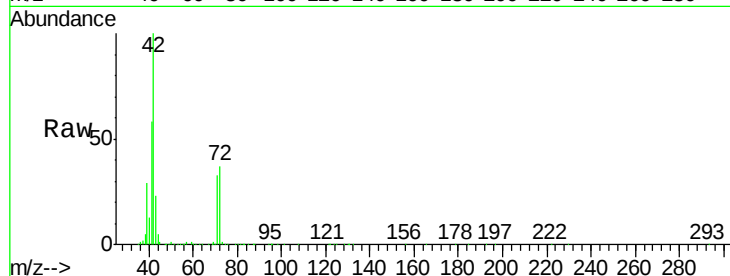
ClientSampleId :

VSTDCCC010EC

Tot Ion:	42	Resp:	558531
Ion Ratio		Lower	Upper
42	100		
72	37.0	27.6	41.4
71	35.6	27.0	40.4

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#42

Bromodichloromethane

Concen: 8.200 ppbv

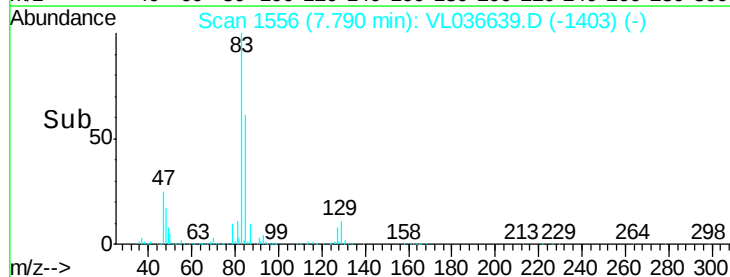
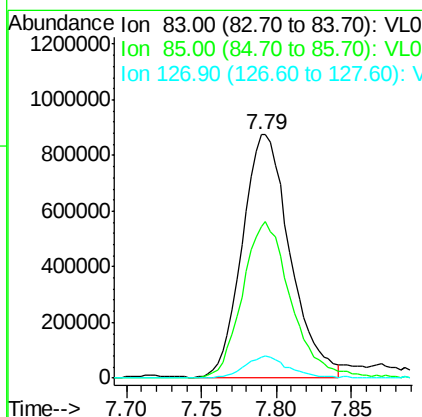
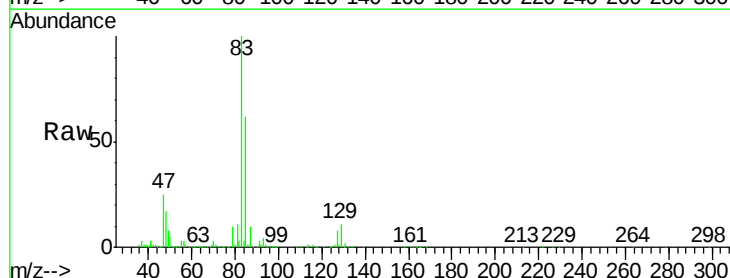
RT: 7.79 min Scan# 1556

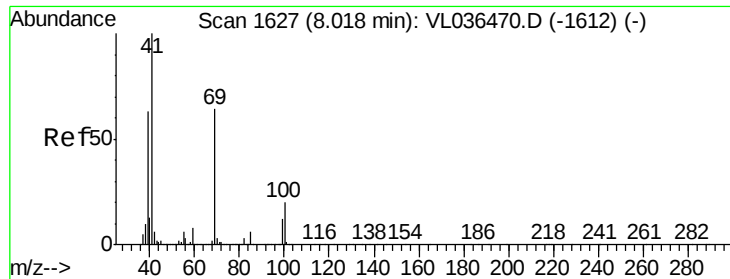
Delta R.T. -0.01 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Tgt Ion:	83	Resp:	1935879
Ion Ratio		Lower	Upper
83	100		
85	62.1	51.8	77.6
127	8.4	5.8	8.8





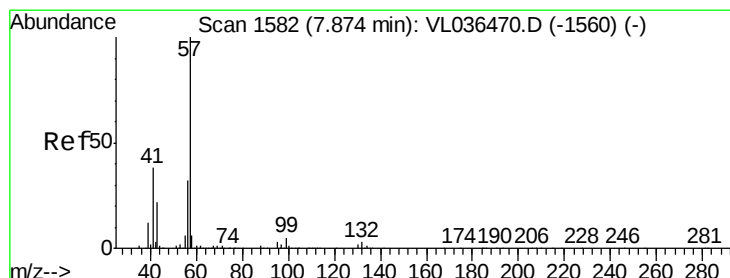
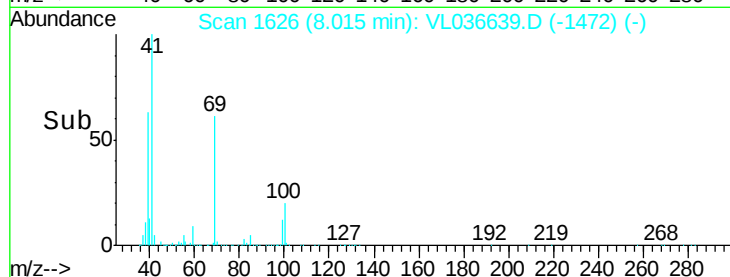
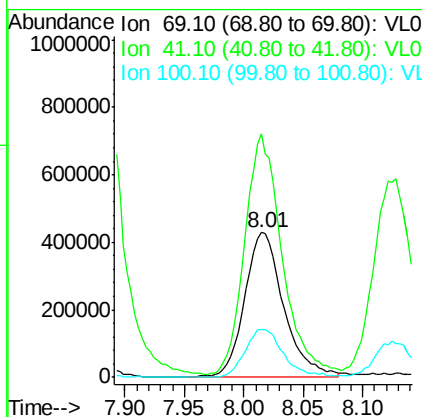
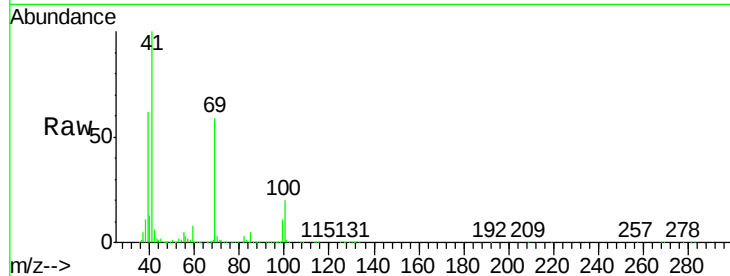
#43
Methvl Methacrilate
Concen: 9.813 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	160.5	126.8	190.2	
100	33.0	24.9	37.3	

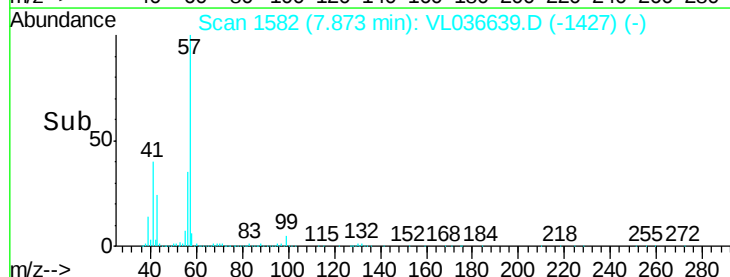
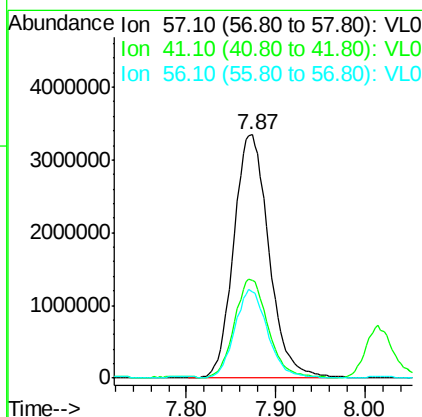
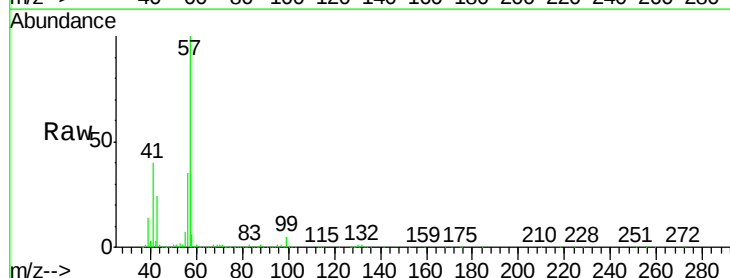
Manual Integrations
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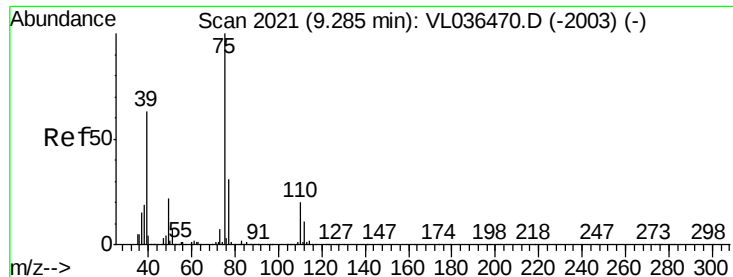
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#44
2,2,4-Trimethylpentane
Concen: 17.595 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	38.3	28.8	43.2	
56	33.6	26.1	39.1	





#45

t-1,3-Dichloropropene

Concen: 8.462 ppbv

RT: 9.28 min Scan# 2020

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 75 Resp: 956839

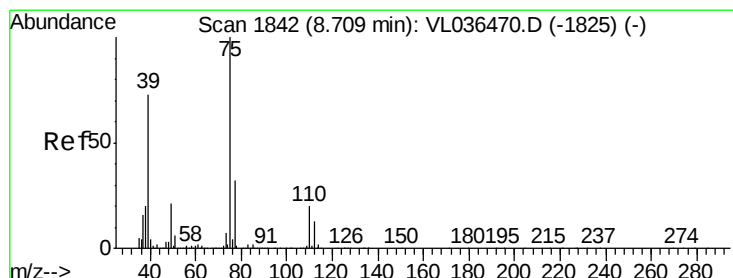
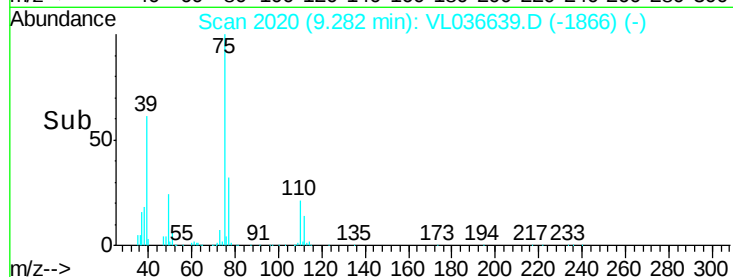
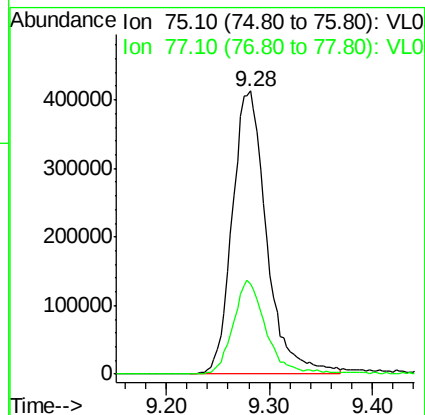
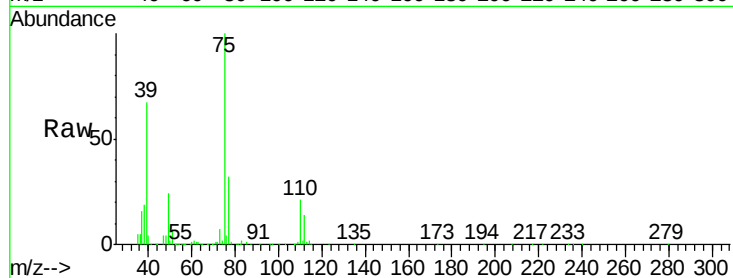
Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

Manual Integrations
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4/2/2021 6:55:20 PM



#46

cis-1,3-Dichloropropene

Concen: 8.168 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

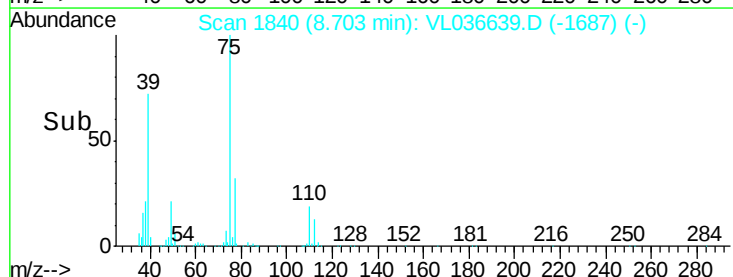
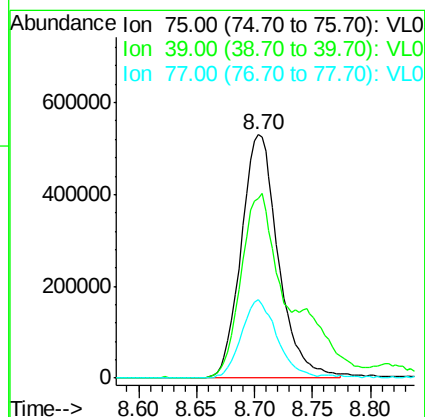
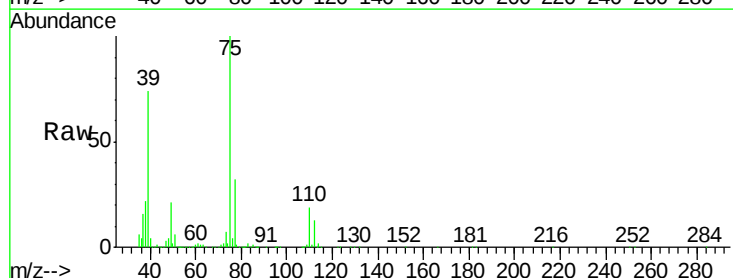
Tgt Ion: 75 Resp: 1180675

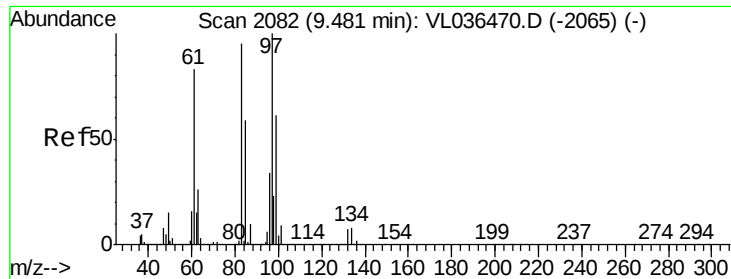
Ion Ratio Lower Upper

75 100

39 73.4 58.2 87.2

77 32.3 25.2 37.8





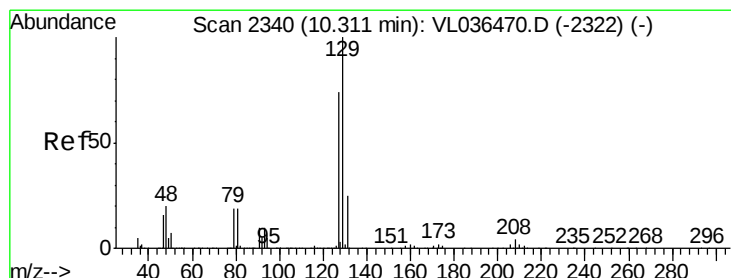
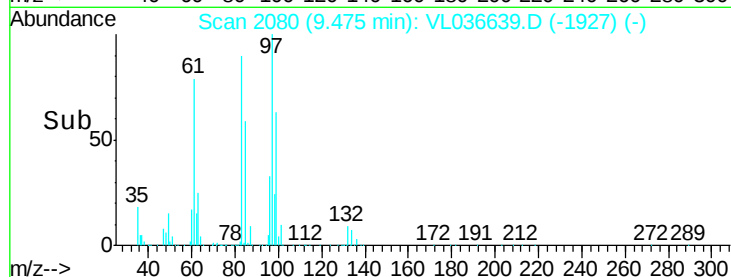
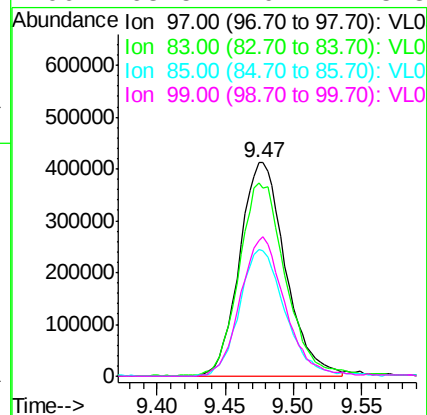
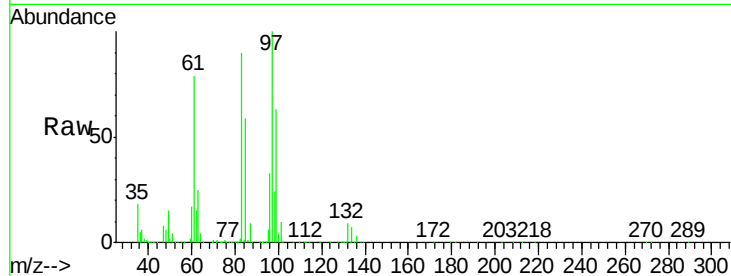
#47
 1,1,2-Trichloroethane
 Concen: 7.886 ppbv
 RT: 9.47 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	90.2	75.8	113.8	
85	59.4	47.1	70.7	
99	63.5	49.2	73.8	

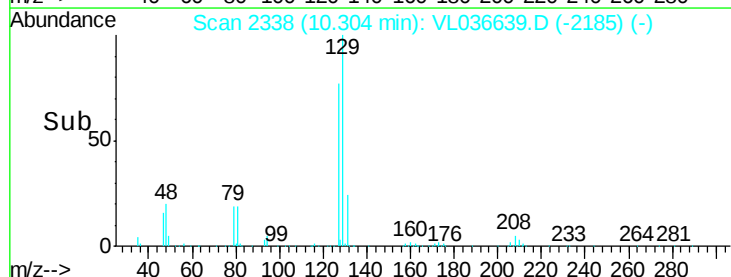
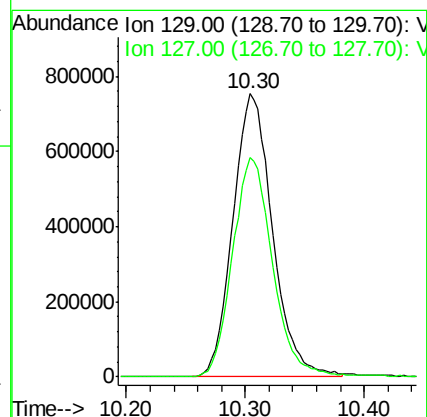
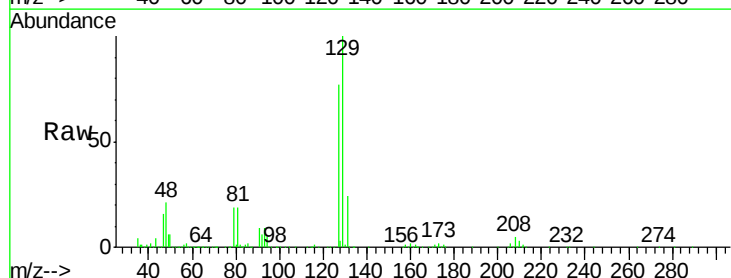
Manual Integrations
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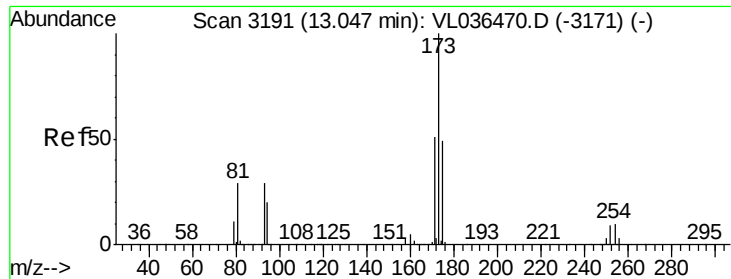
MMDadoda
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#48
 Dibromochloromethane
 Concen: 9.376 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	79.4	39.6	118.8	





#49

Bromoform

Concen: 10.393 ppbv

RT: 13.04 min Scan# 3189

Delta R.T. -0.01 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:173 Resp: 1546763

Ion Ratio Lower Upper

173 100

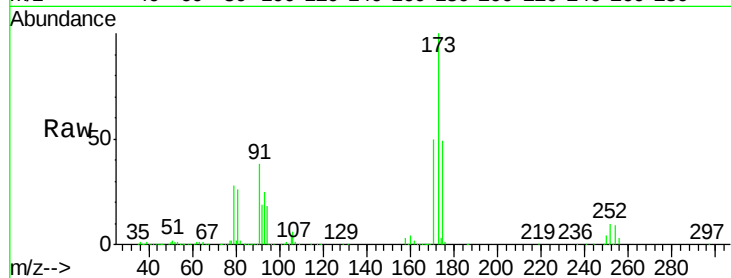
175 50.3 39.6 59.4

171 53.0 41.4 62.0

Manual Integrations
APPROVED

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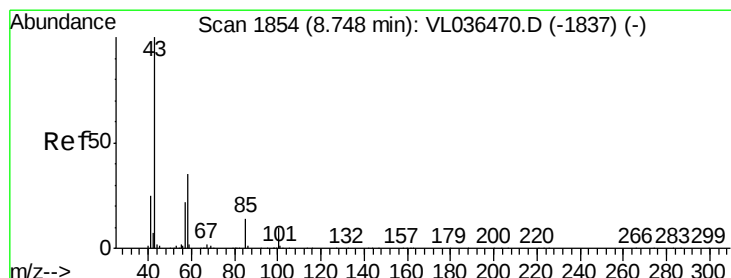
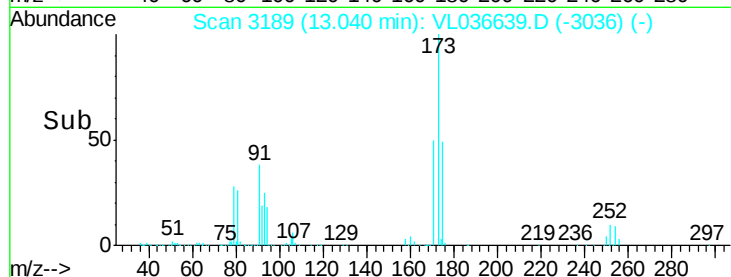
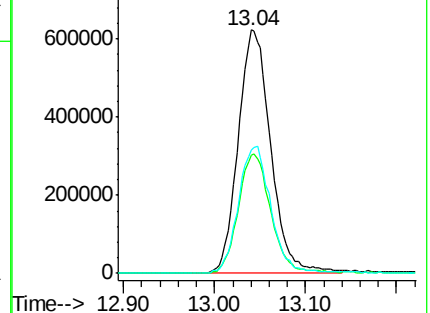
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 8.297 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VL036639.D

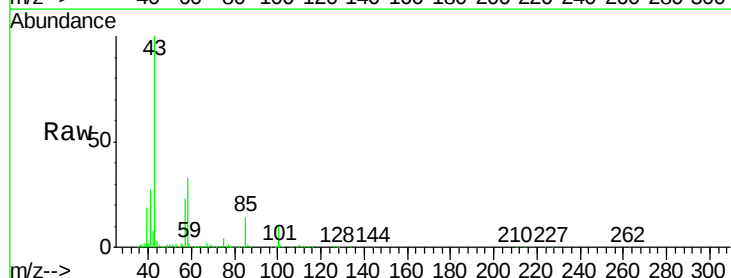
Acq: 1 Apr 2021 21:59

Tgt Ion: 43 Resp: 1873758

Ion Ratio Lower Upper

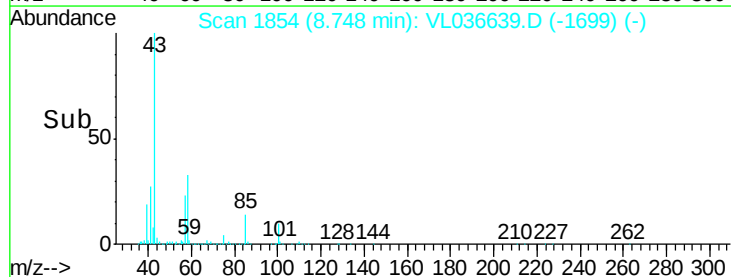
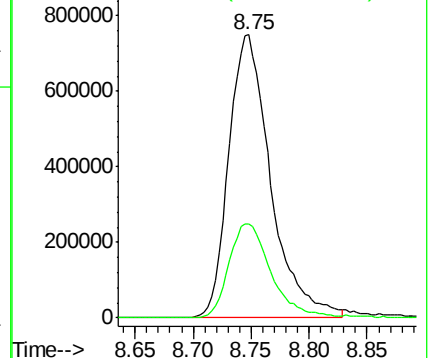
43 100

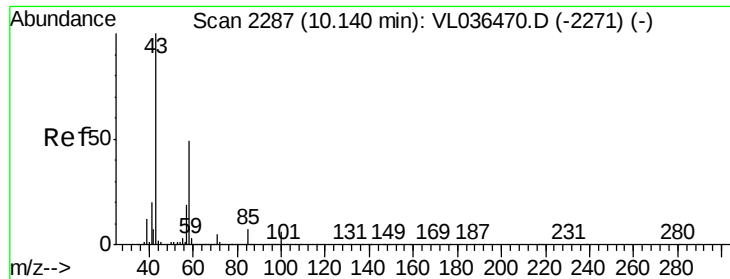
58 34.2 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





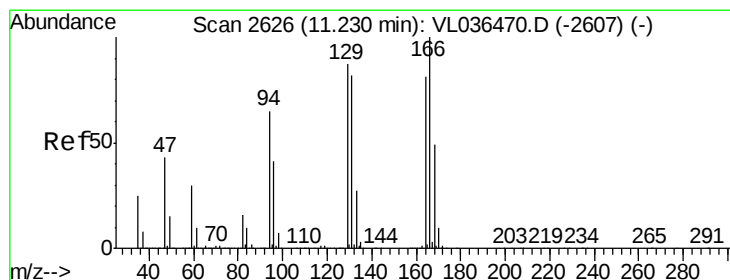
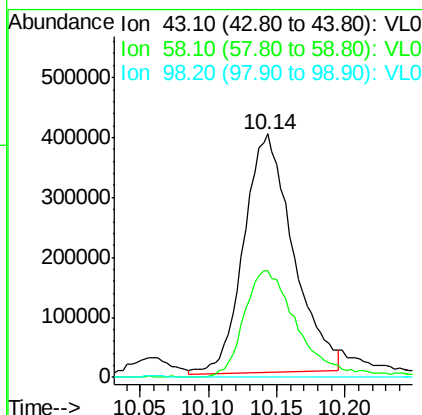
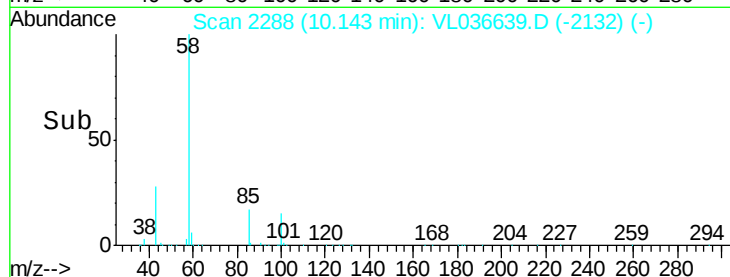
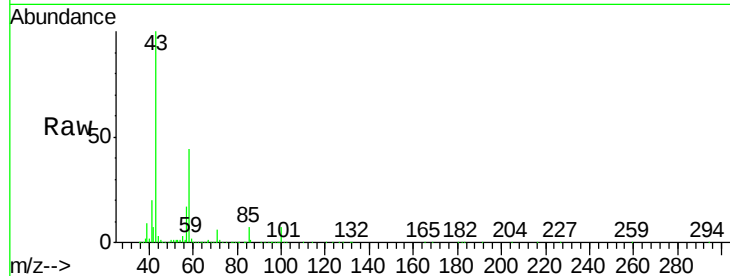
#51
2-Hexanone
Concen: 8.800 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 43 Resp: 1002933
Ion Ratio Lower Upper
43 100
58 48.9 37.7 56.5
98 0.1 0.2 0.2#

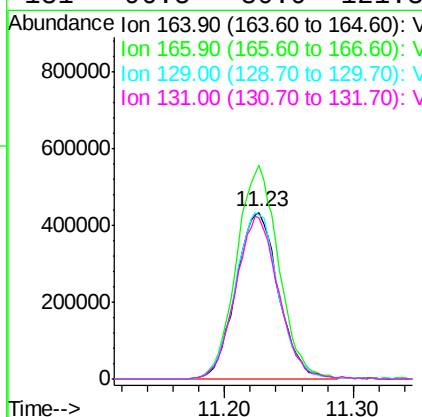
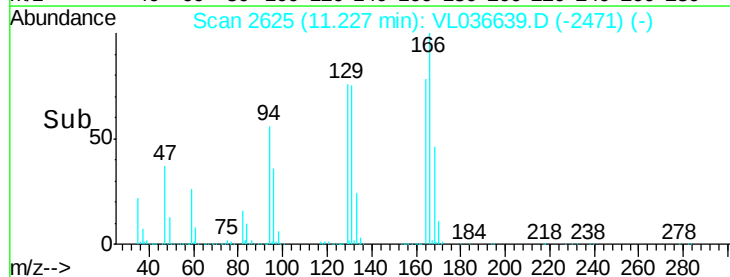
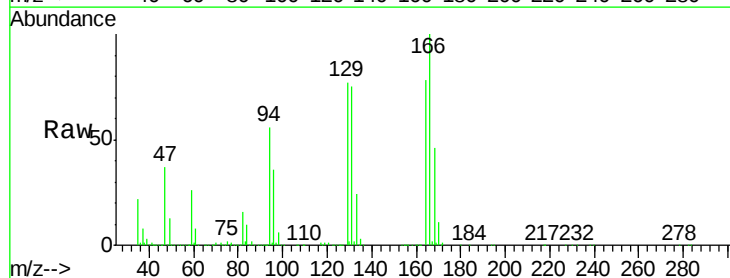
Manual Integrations
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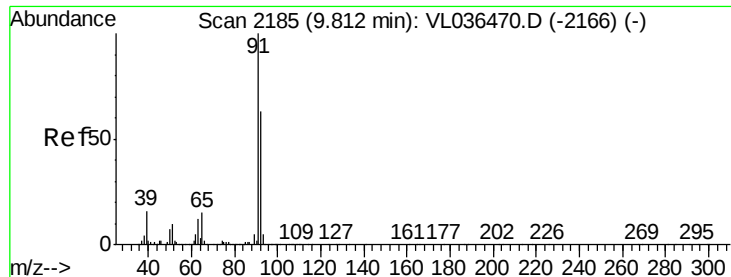
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#52
Tetrachloroethene
Concen: 9.128 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Tgt Ion: 164 Resp: 991257
Ion Ratio Lower Upper
164 100
166 127.9 98.3 147.5
129 98.0 85.8 128.8
131 96.5 80.9 121.3





#53

Toluene

Concen: 9.013 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 2830499

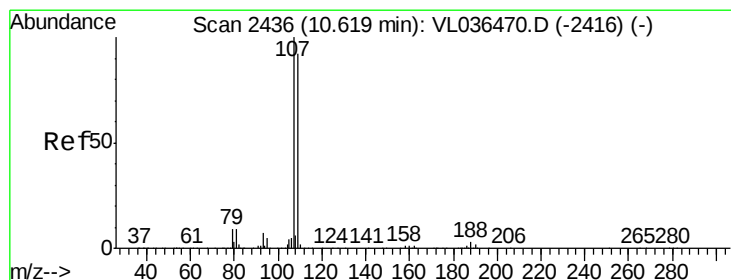
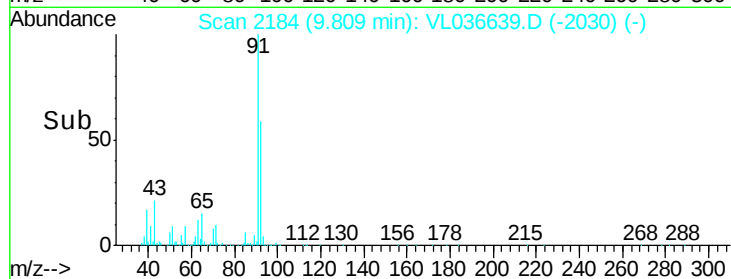
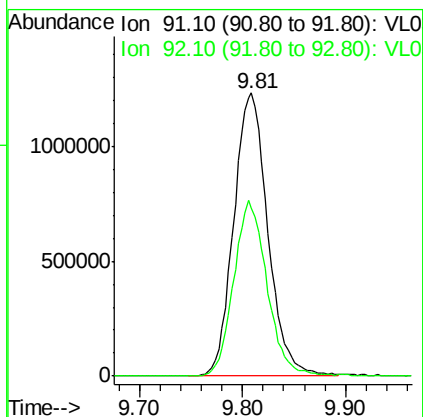
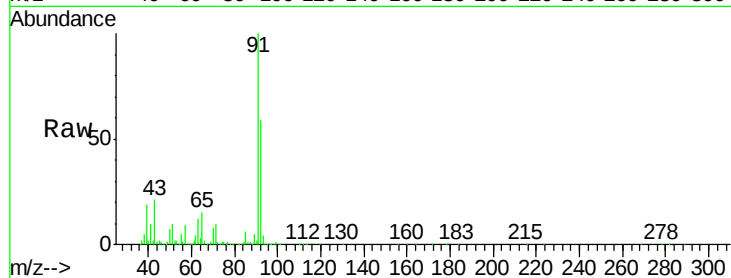
Ion Ratio Lower Upper

91 100

92 61.0 48.8 73.2

Manual Integrations
APPROVED

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#54

1,2-Dibromoethane

Concen: 8.310 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.01 min

Lab File: VL036639.D

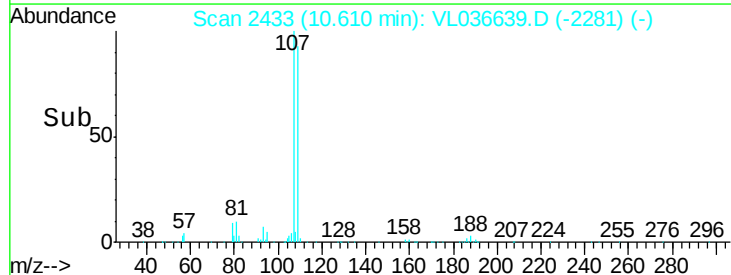
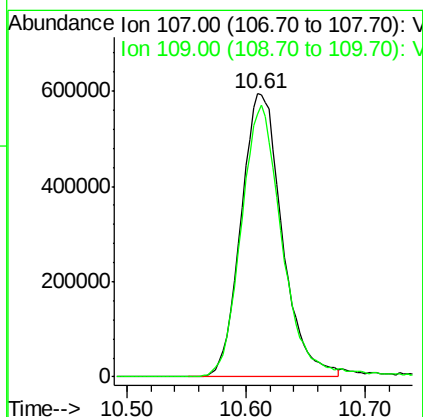
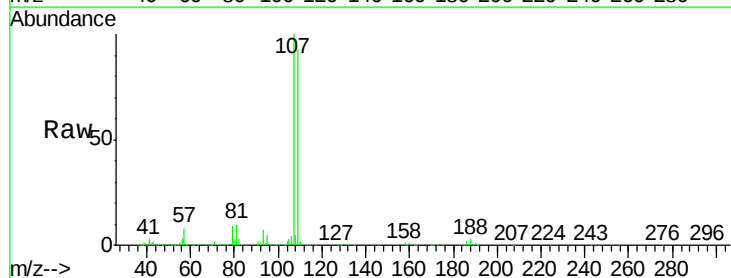
Acq: 1 Apr 2021 21:59

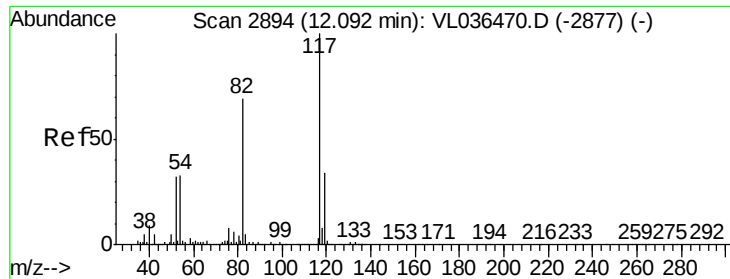
Tgt Ion: 107 Resp: 1422027

Ion Ratio Lower Upper

107 100

109 92.8 73.9 110.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.09 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:117 Resp: 2891143

Ion Ratio Lower Upper

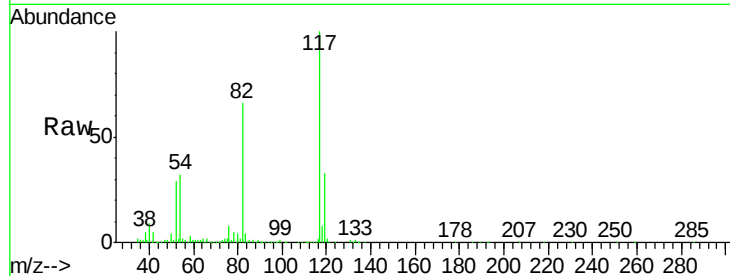
117 100

82 67.1 57.4 86.0

119 59.2 47.4 71.0

Manual Integrations
APPROVED

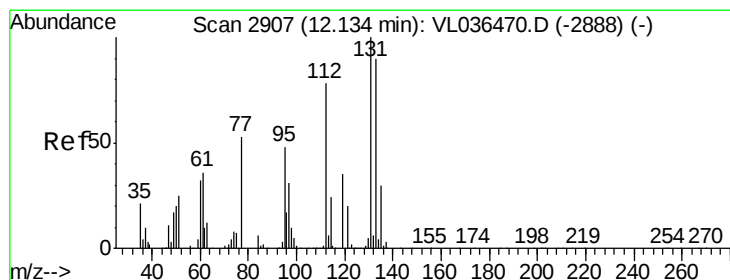
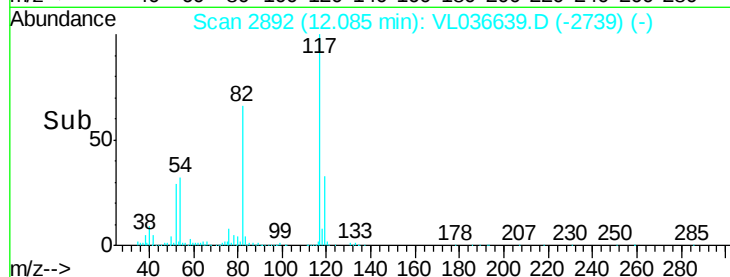
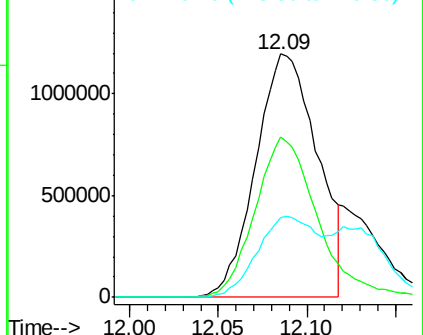
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 9.222 ppbv

RT: 12.13 min Scan# 2905

Delta R.T. -0.01 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

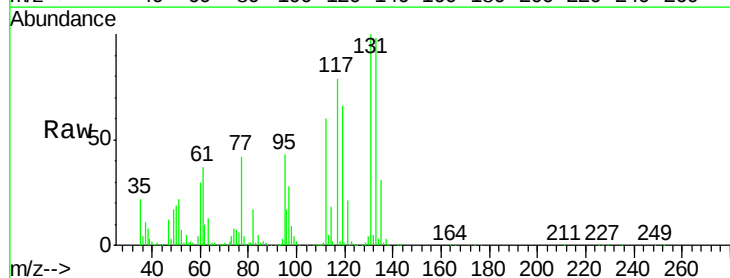
Tgt Ion:131 Resp: 1205940

Ion Ratio Lower Upper

131 100

133 97.6 75.8 113.6

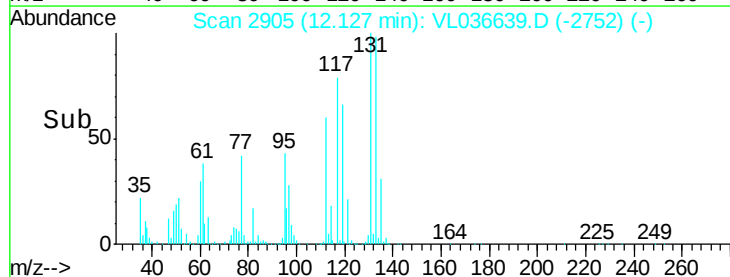
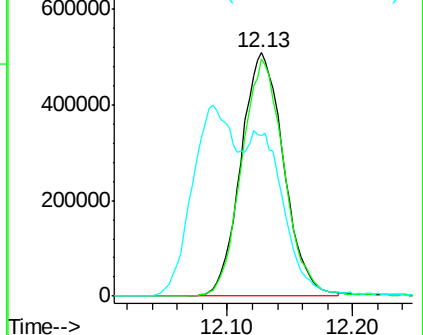
119 142.0 48.7 73.1#

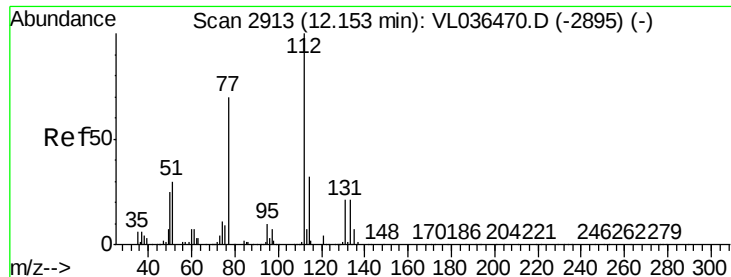


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 8.487 ppbv

RT: 12.15 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 112 Resp: 2087885

Ion Ratio Lower Upper

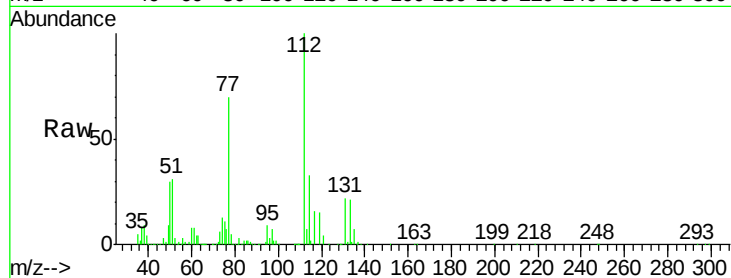
112 100

77 68.7 56.0 84.0

114 33.4 29.0 35.4

Manual Integrations
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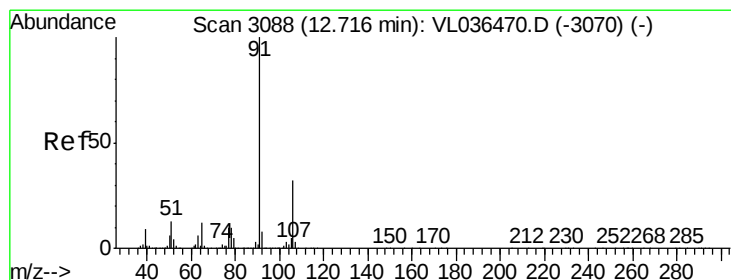
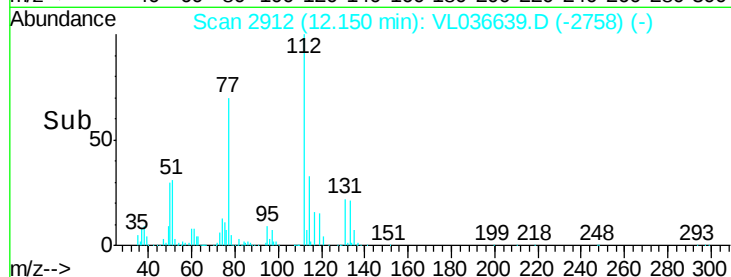
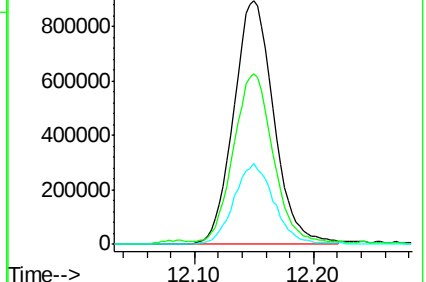
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Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 9.172 ppbv

RT: 12.71 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VL036639.D

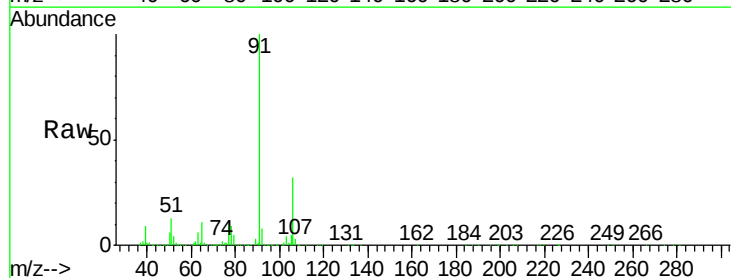
Acq: 1 Apr 2021 21:59

Tgt Ion: 91 Resp: 3858079

Ion Ratio Lower Upper

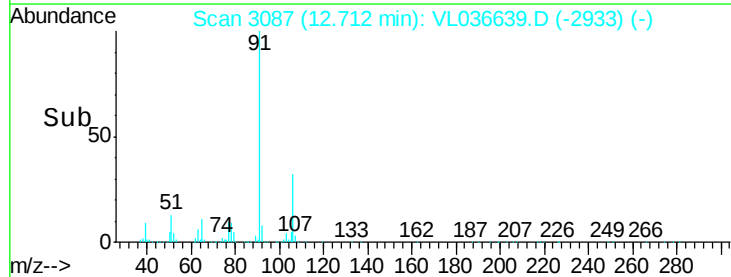
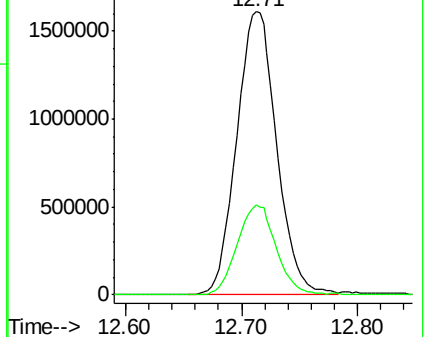
91 100

106 31.6 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





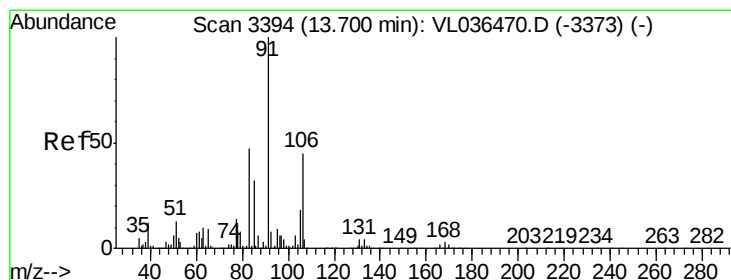
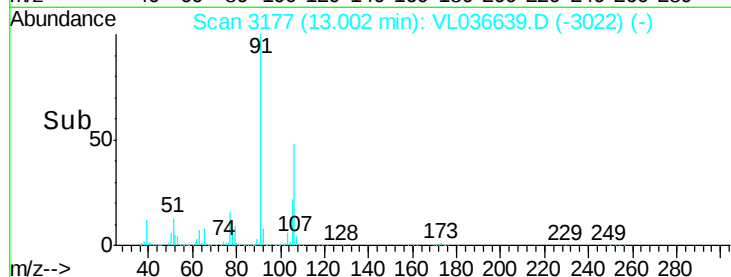
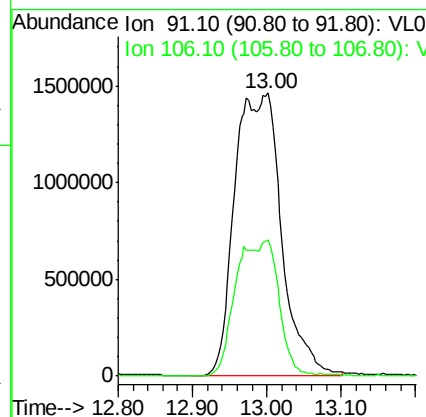
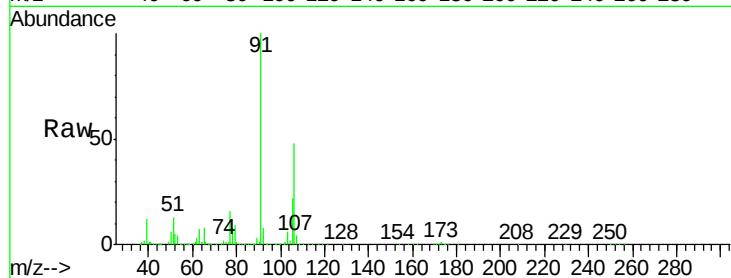
#59
m/p-Xylene
Concen: 17.449 ppbv m
RT: 13.00 min Scan# 3177
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 91 Resp: 6401429
Ion Ratio Lower Upper
91 100
106 44.2 35.3 52.9

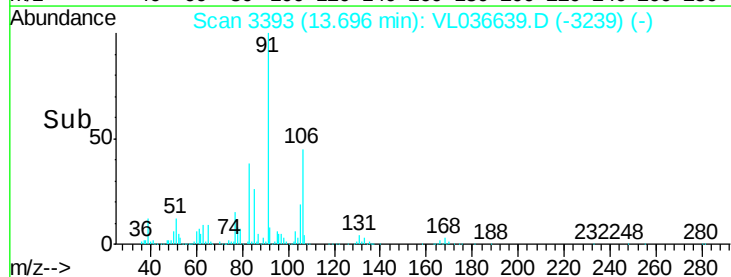
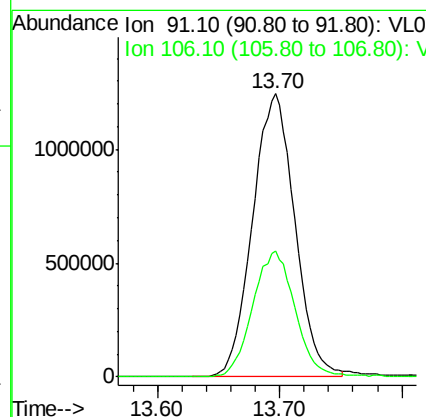
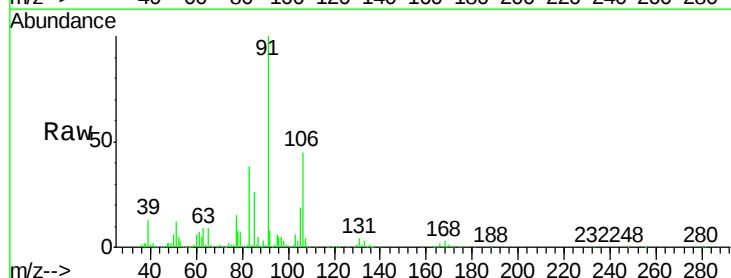
Manual Integrations
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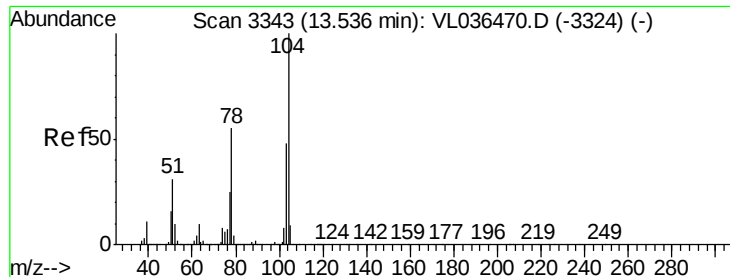
MMDadoda
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#60
o-Xylene
Concen: 8.397 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Tgt Ion: 91 Resp: 2978841
Ion Ratio Lower Upper
91 100
106 44.9 22.3 66.9





#61

Stvrene

Concen: 9.480 ppbv

RT: 13.53 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

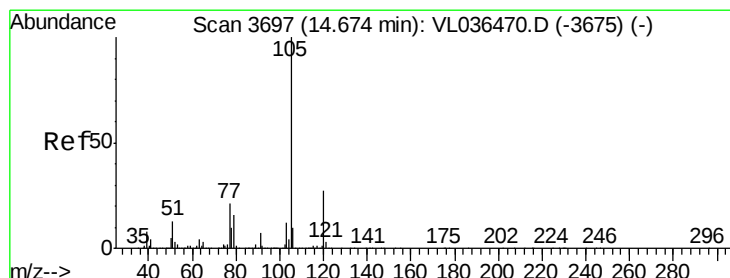
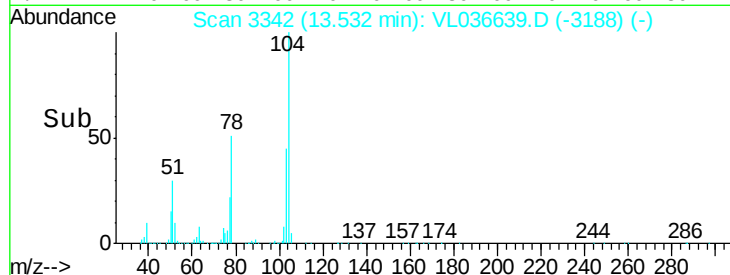
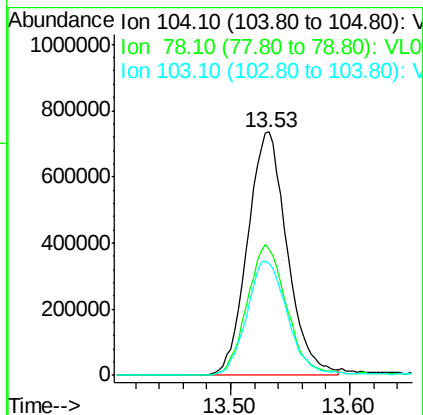
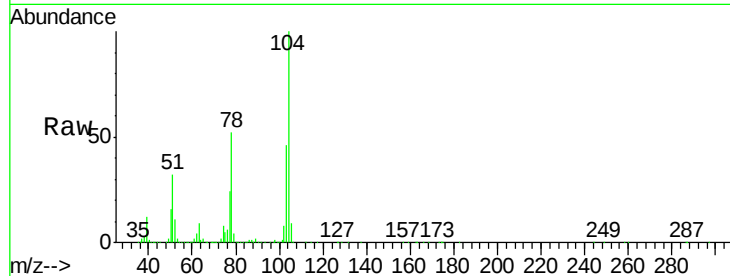
ClientSampleId :

VSTDCCC010EC

Tot Ion:	104	Resp:	1691912
Ion	Ratio	Lower	Upper
104	100		
78	54.0	43.8	65.8
103	48.7	38.3	57.5

Manual Integrations
APPROVED

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#62

Isopropylbenzene

Concen: 8.938 ppbv

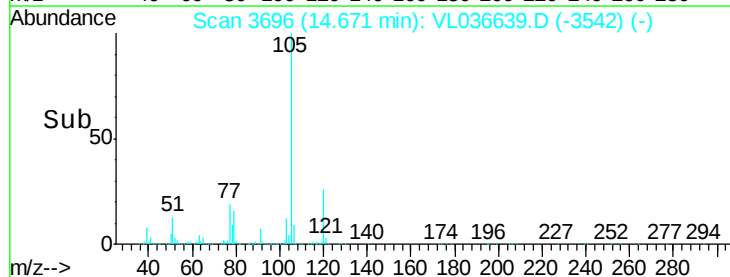
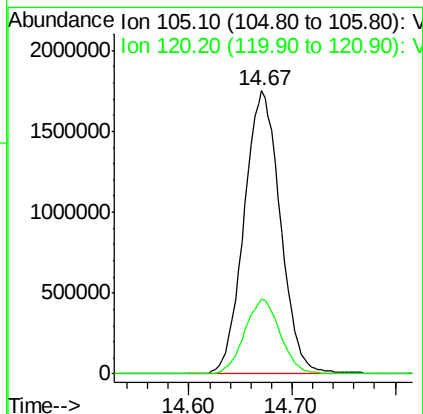
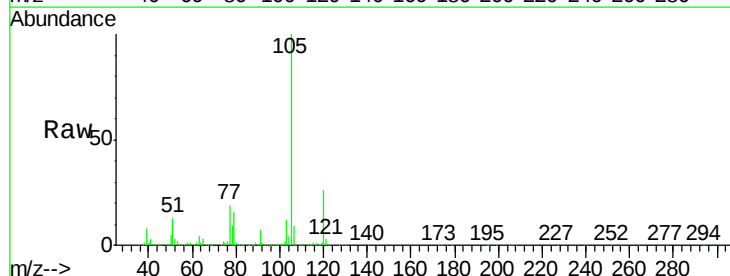
RT: 14.67 min Scan# 3696

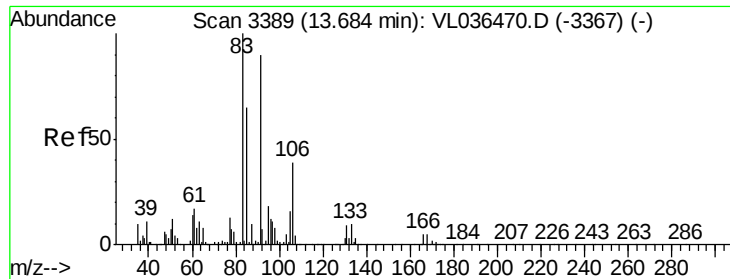
Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Tgt Ion:	105	Resp:	4269844
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.6	31.0





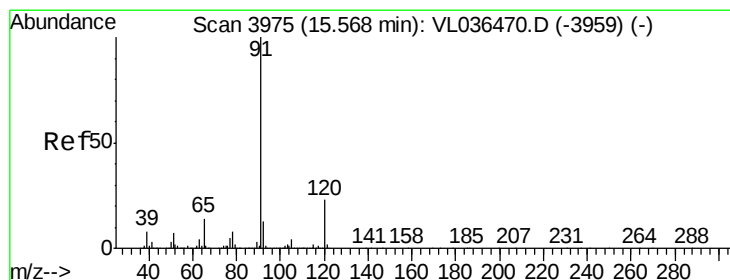
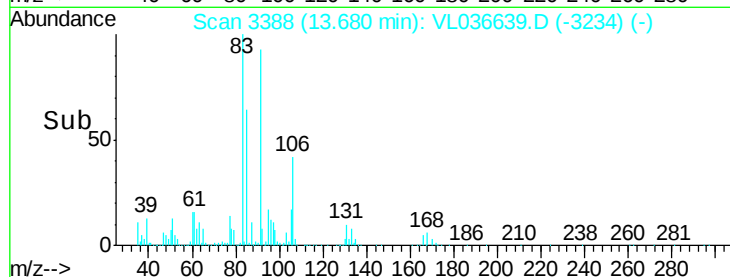
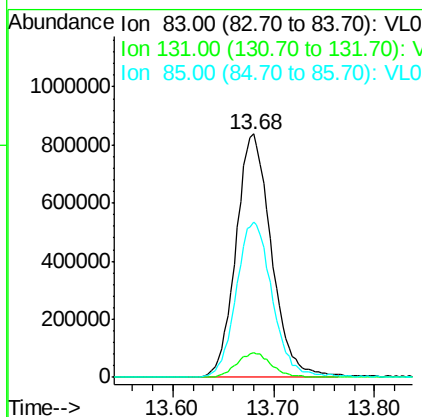
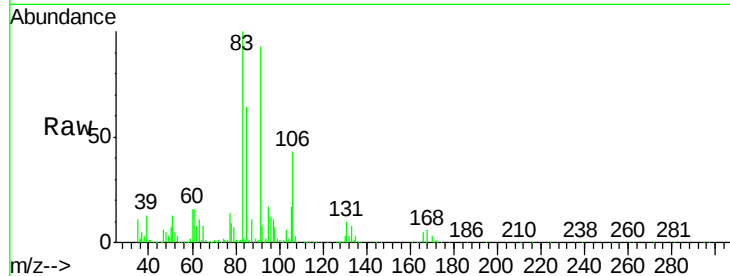
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.548 ppbv
 RT: 13.68 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	83	Resp	2042577
Ion Ratio	100	Lower	Upper
83	100		
131	10.0	4.7	14.0
85	65.6	33.1	99.3

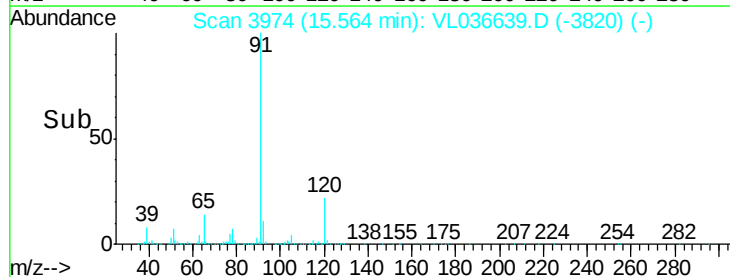
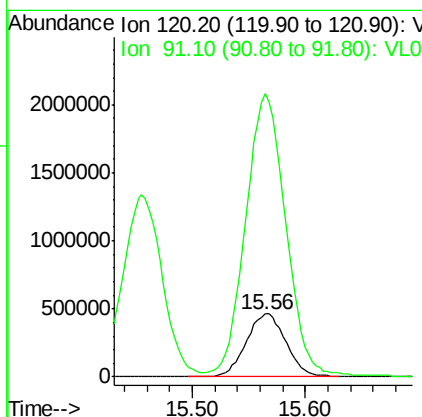
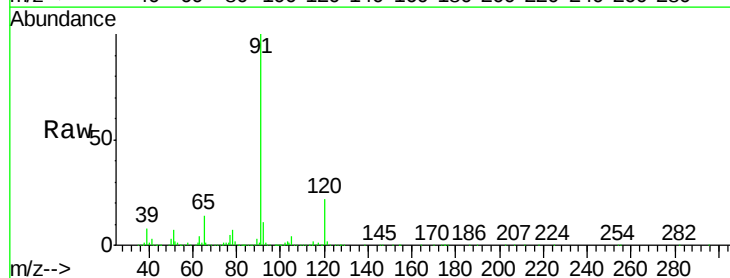
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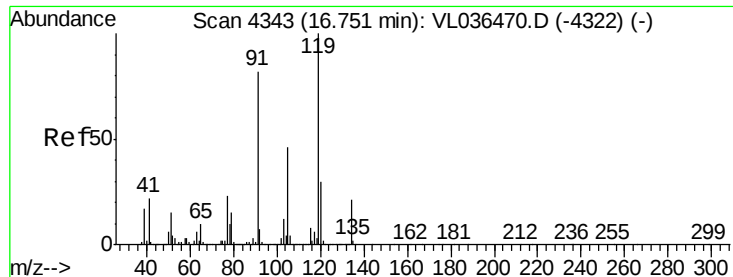
MMDadoda
 4/2/2021 6:55:20 PM



#64
 n-propylbenzene
 Concen: 9.651 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion	120	Resp	1127170
Ion Ratio	100	Lower	Upper
120	100		
91	457.2	377.4	566.2





#65

tert-Butylbenzene

Concen: 9.139 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:119 Resp: 3785719

Ion Ratio Lower Upper

119 100

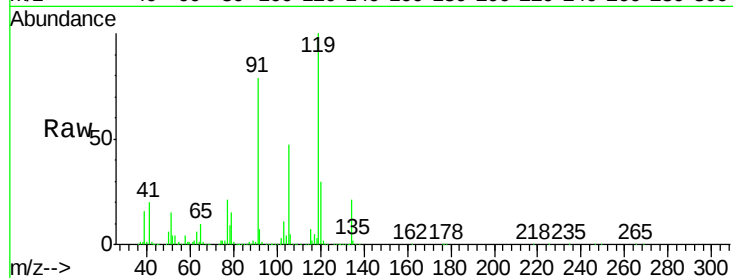
91 81.0 67.5 101.3

134 20.1 15.8 23.8

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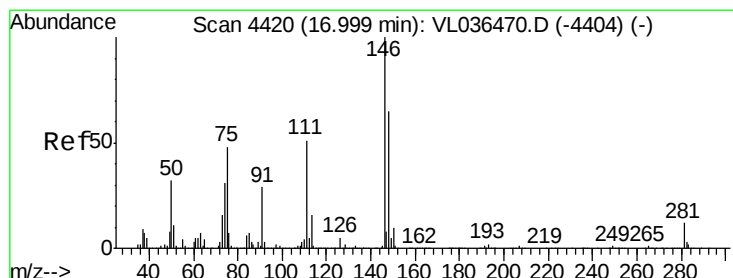
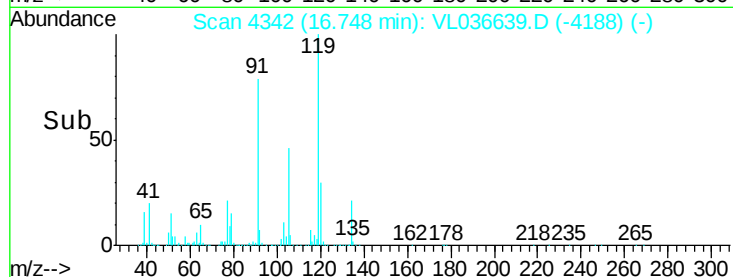
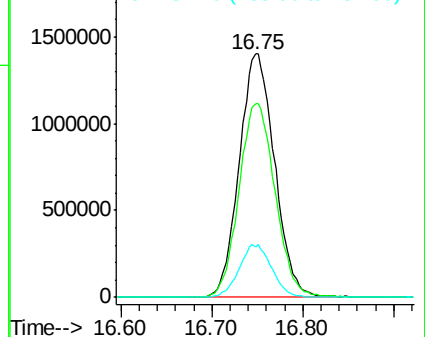
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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 11.204 ppbv

RT: 16.99 min Scan# 4418

Delta R.T. -0.01 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

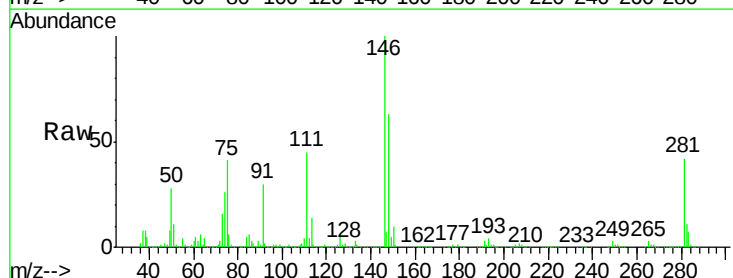
Tgt Ion: 91 Resp: 513007

Ion Ratio Lower Upper

91 100

126 19.5 13.5 20.3

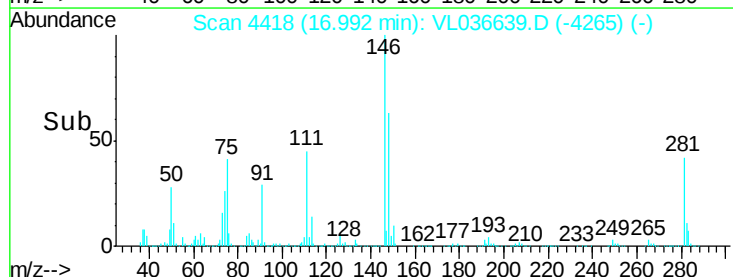
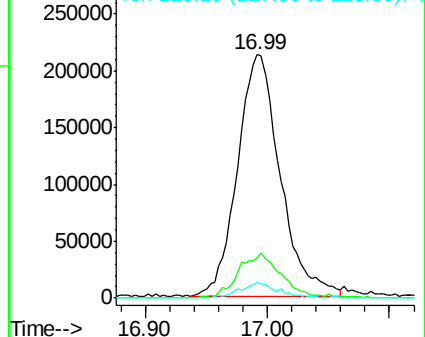
128 6.1 4.2 6.4

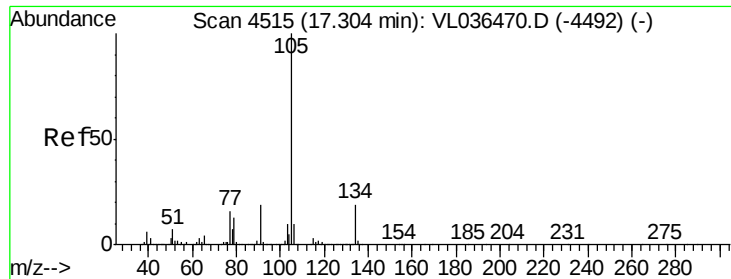


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





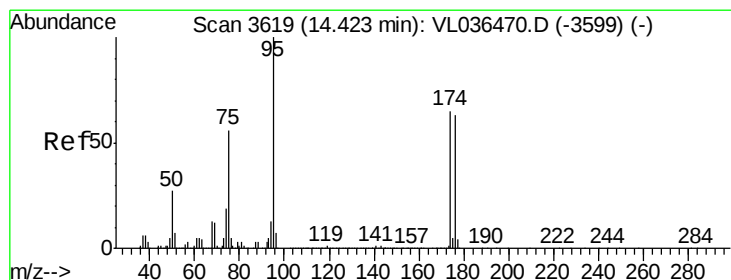
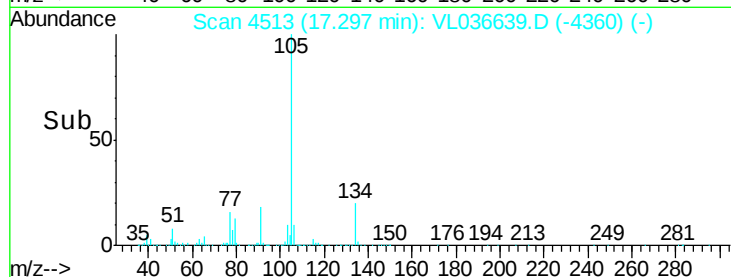
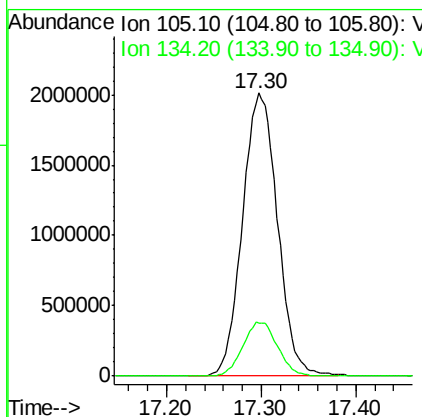
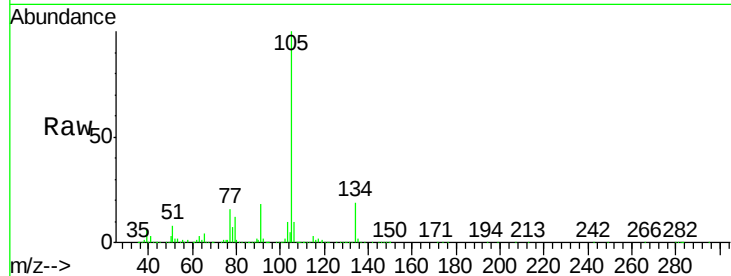
#67
 sec-Butylbenzene
 Concen: 8.829 ppbv
 RT: 17.30 min Scan# 4513
 Delta R.T. -0.01 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 105 Resp: 5162671
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.7 22.1

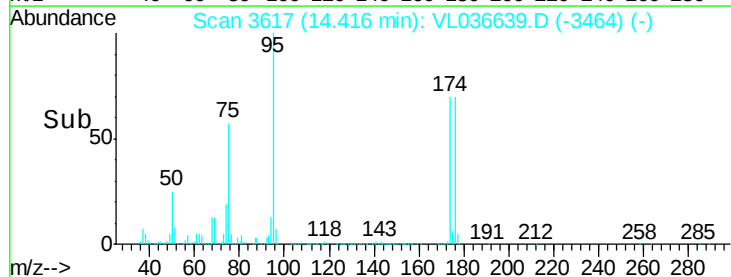
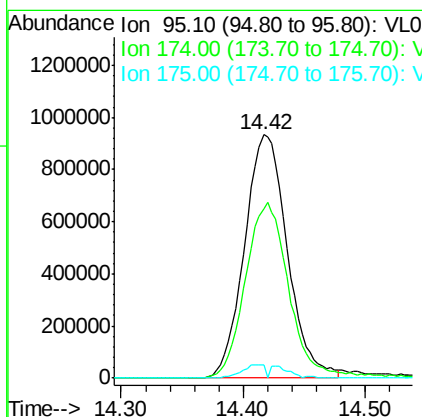
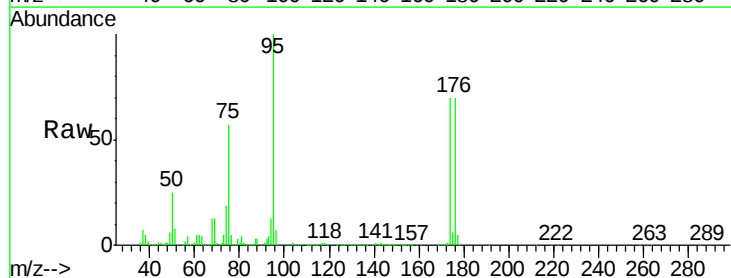
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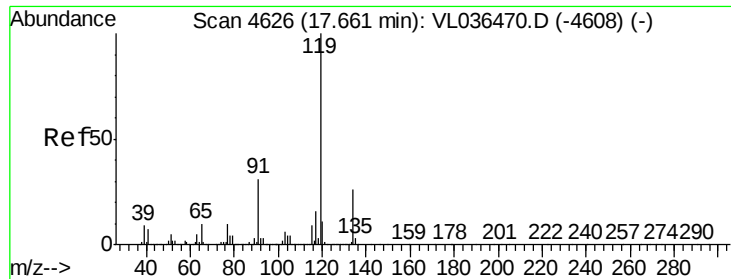
MMDadoda
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.815 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion: 95 Resp: 2261542
 Ion Ratio Lower Upper
 95 100
 174 75.0 51.0 76.6
 175 5.4 3.9 5.9





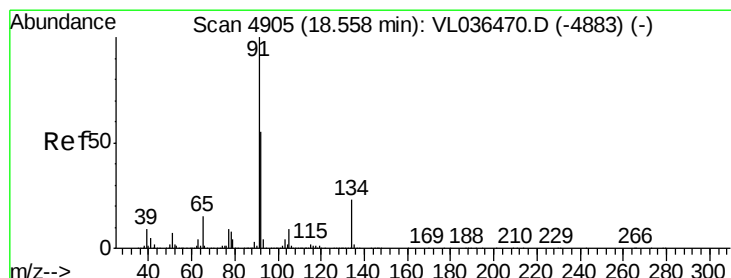
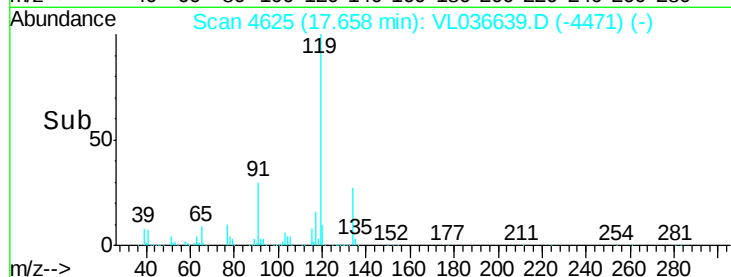
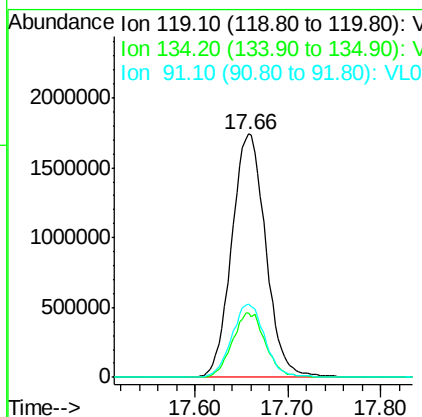
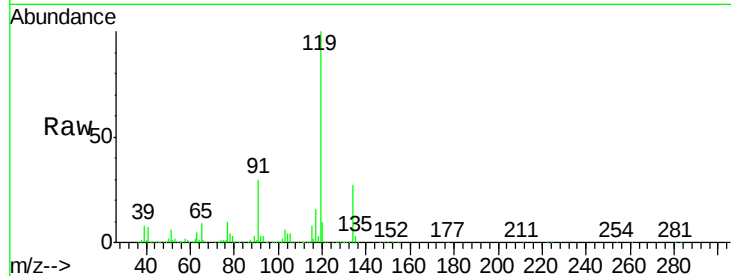
#69
 p-Isopropyltoluene
 Concen: 9.684 ppbv
 RT: 17.66 min Scan# 4625
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.6	30.8
91	29.6	25.0	37.6

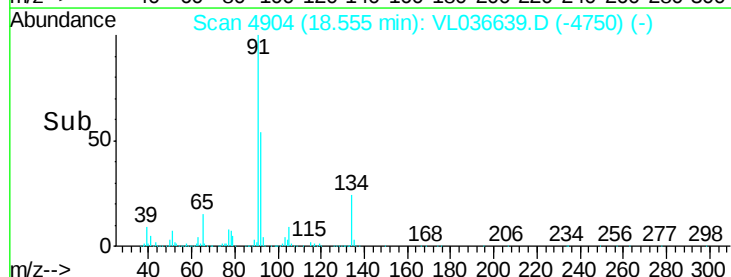
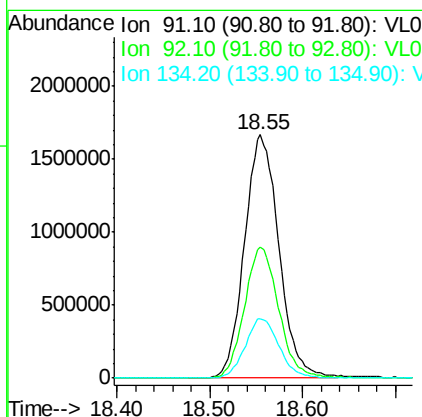
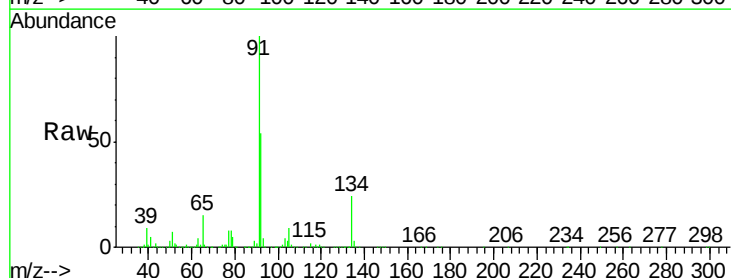
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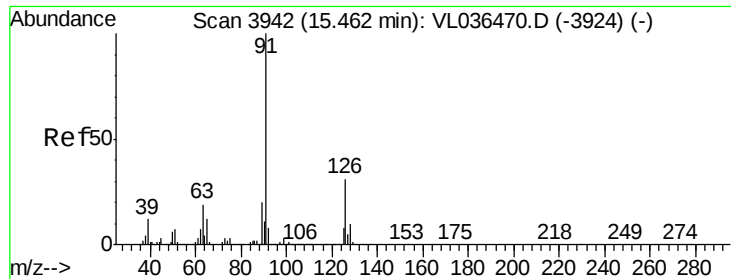
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#70
 n-Butylbenzene
 Concen: 9.074 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.1	43.8	65.8
134	24.3	18.0	27.0





#71

2-Chlorotoluene

Concen: 9.026 ppbv

RT: 15.46 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 3230760

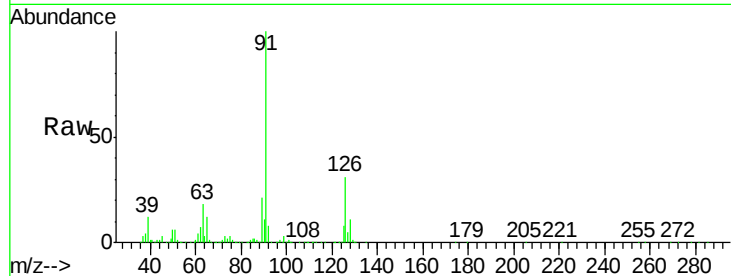
Ion Ratio Lower Upper

91 100

126 31.5 12.1 48.5

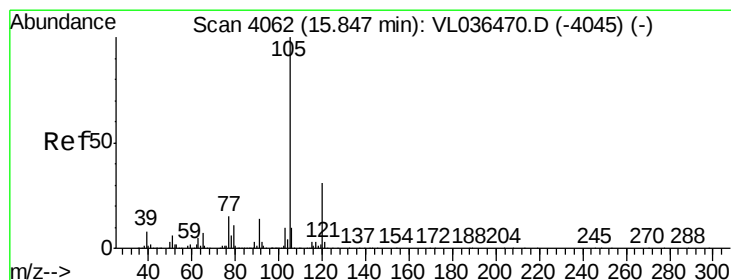
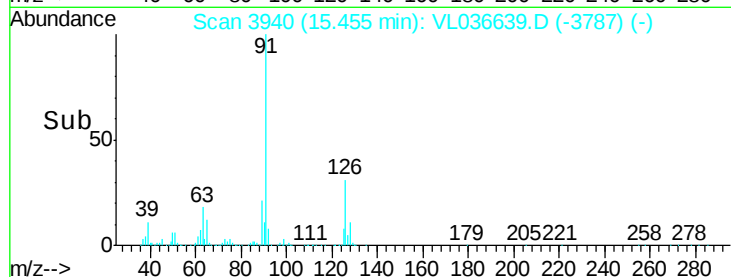
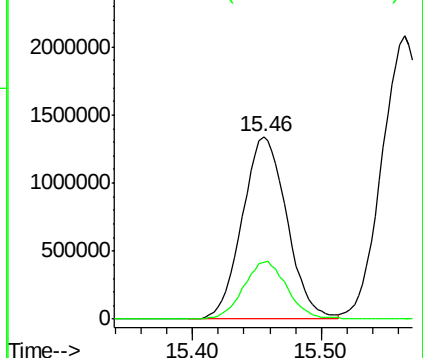
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 9.261 ppbv

RT: 15.84 min Scan# 4061

Delta R.T. -0.00 min

Lab File: VL036639.D

Acq: 1 Apr 2021 21:59

Tgt Ion: 105 Resp: 3599953

Ion Ratio Lower Upper

105 100

120 30.5 24.0 36.0

91 12.9 11.0 16.4

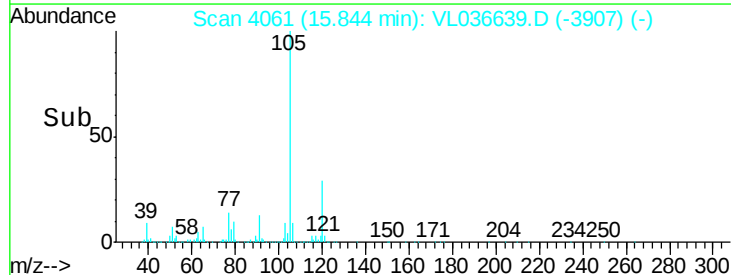
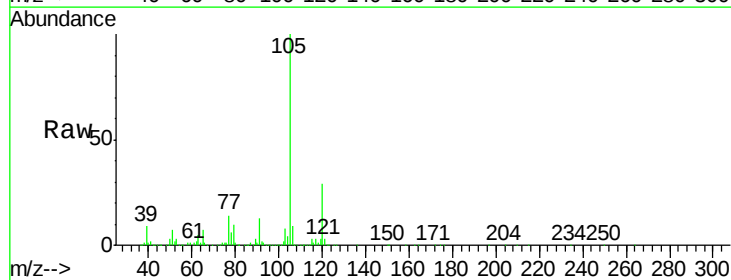
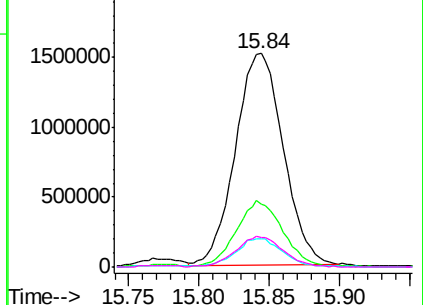
77 14.3 11.7 17.5

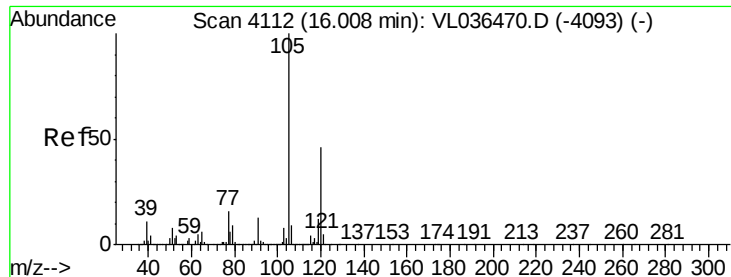
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





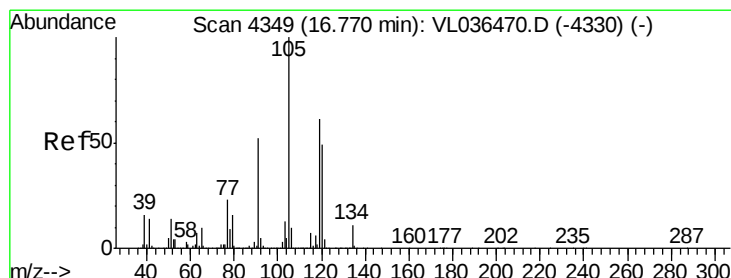
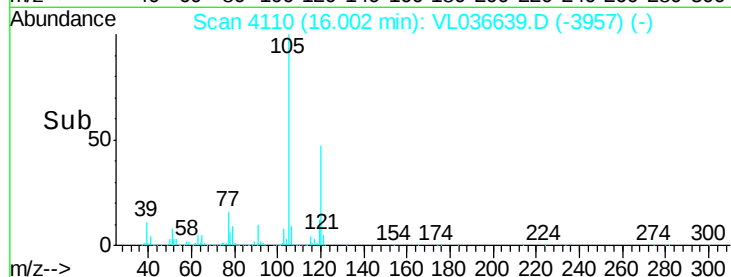
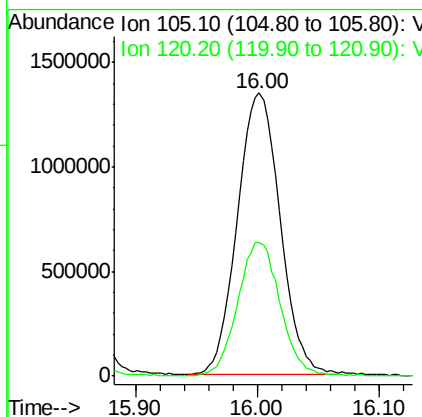
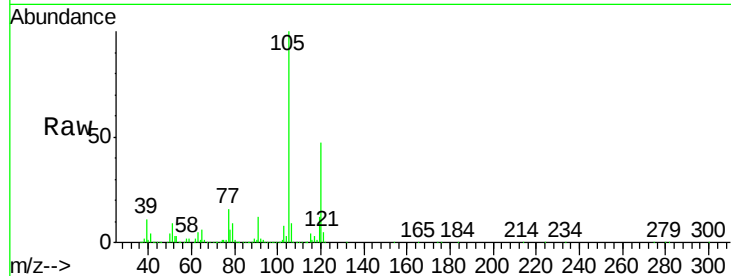
#73
 1,3,5-Trimethylbenzene
 Concen: 8.968 ppbv
 RT: 16.00 min Scan# 4110
 Delta R.T. -0.01 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:105 Resp: 3253663
 Ion Ratio Lower Upper
 105 100
 120 47.2 36.6 54.8

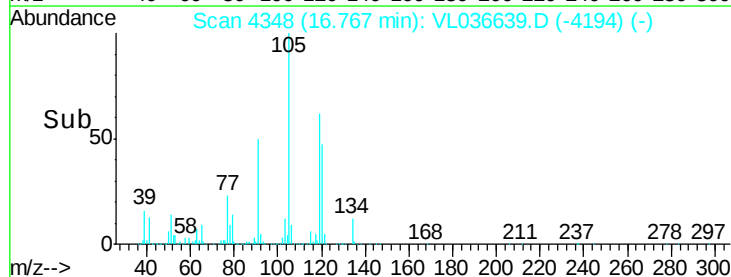
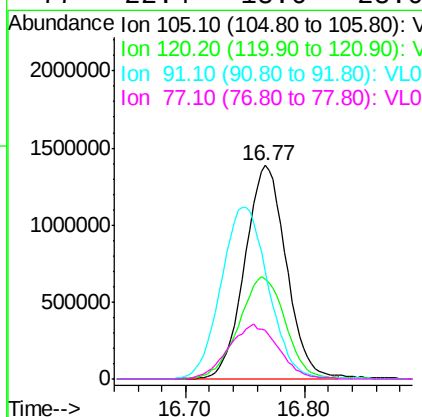
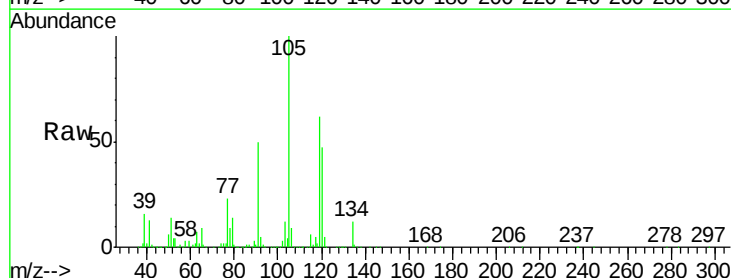
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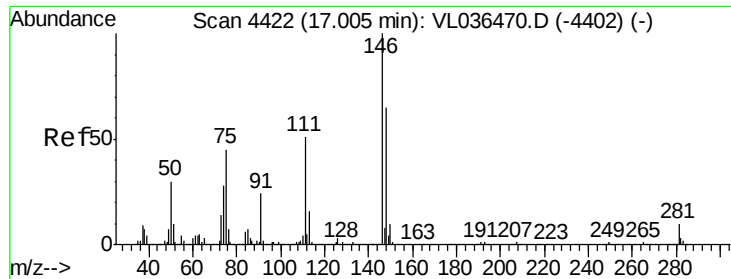
MMDadoda
 4/2/2021 6:55:20 PM



#74
 1,2,4-Trimethylbenzene
 Concen: 8.607 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion:105 Resp: 3341406
 Ion Ratio Lower Upper
 105 100
 120 46.7 39.2 58.8
 91 49.8 42.6 64.0
 77 22.4 18.6 28.0





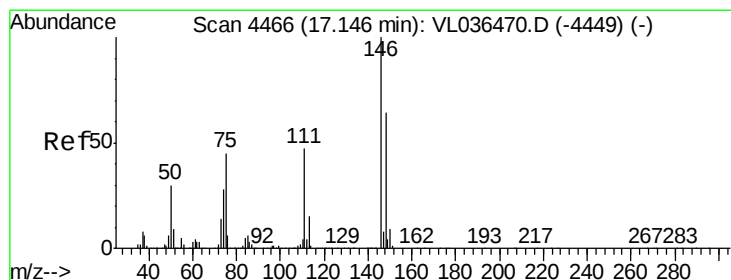
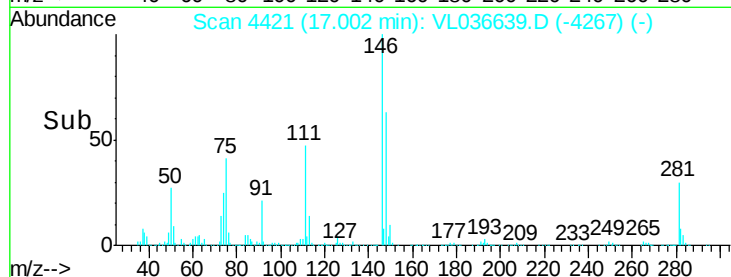
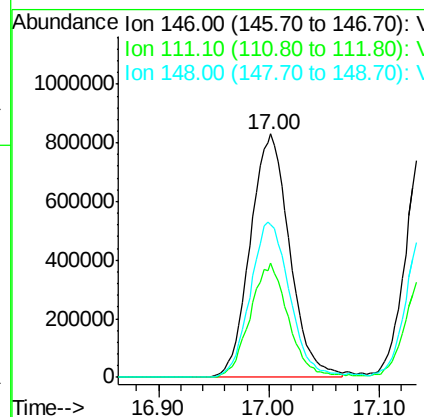
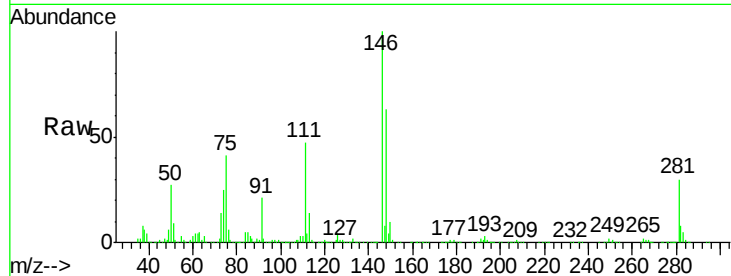
#75
 1,3-Dichlorobenzene
 Concen: 9.397 ppbv
 RT: 17.00 min Scan# 4421
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:146 Resp: 2053385
 Ion Ratio Lower Upper
 146 100
 111 45.7 24.5 73.5
 148 64.5 32.3 96.9

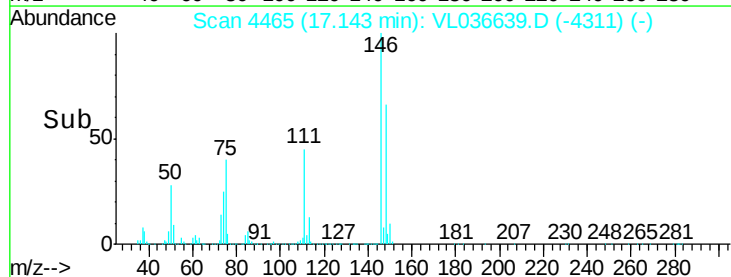
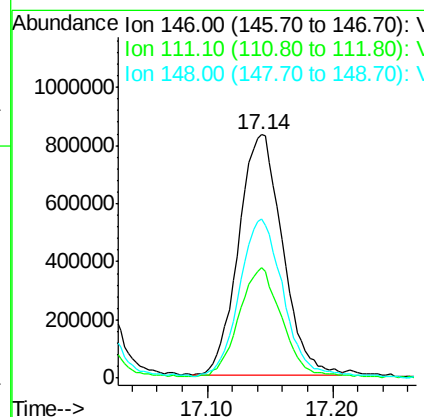
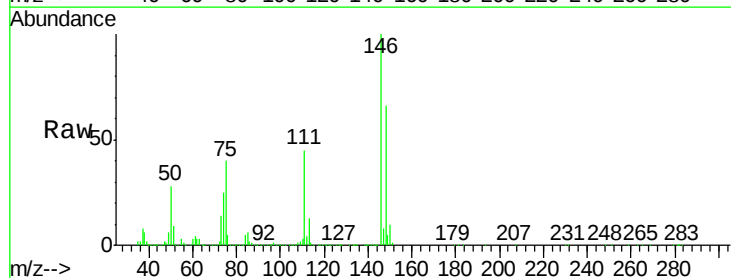
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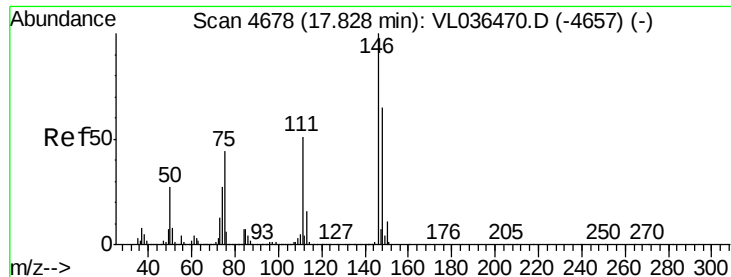
MMDadoda
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#76
 1,4-Dichlorobenzene
 Concen: 9.300 ppbv
 RT: 17.14 min Scan# 4465
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion:146 Resp: 2017801
 Ion Ratio Lower Upper
 146 100
 111 44.9 24.3 72.8
 148 66.7 33.0 98.9





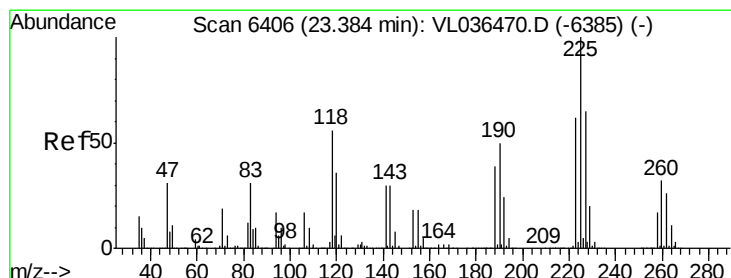
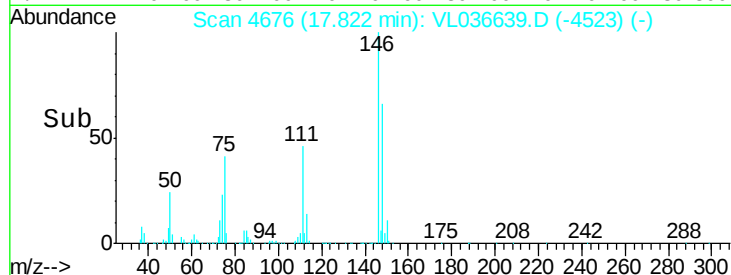
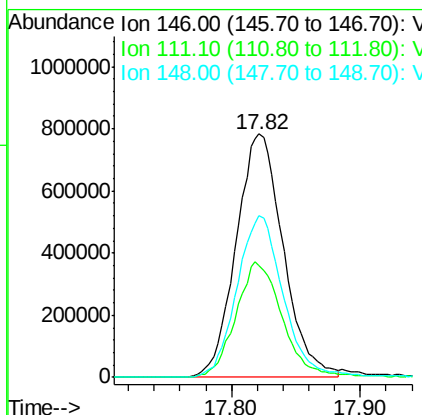
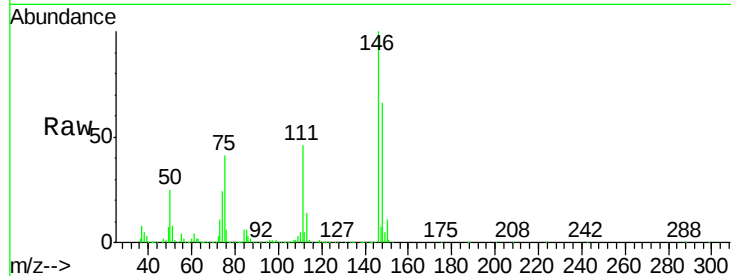
#77
 1,2-Dichlorobenzene
 Concen: 9.615 ppbv
 RT: 17.82 min Scan# 4676
 Delta R.T. -0.01 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:146 Resp: 1975083
 Ion Ratio Lower Upper
 146 100
 111 47.0 25.5 76.5
 148 66.1 32.9 98.6

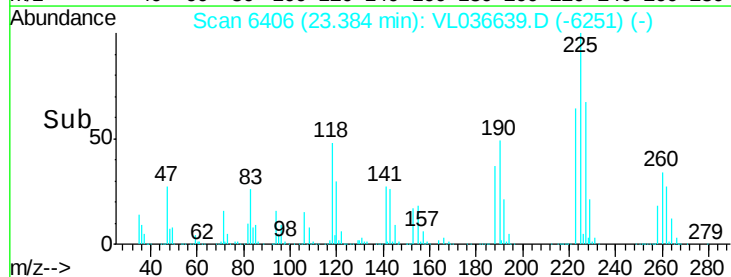
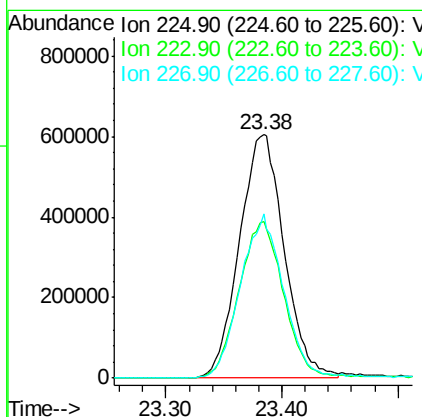
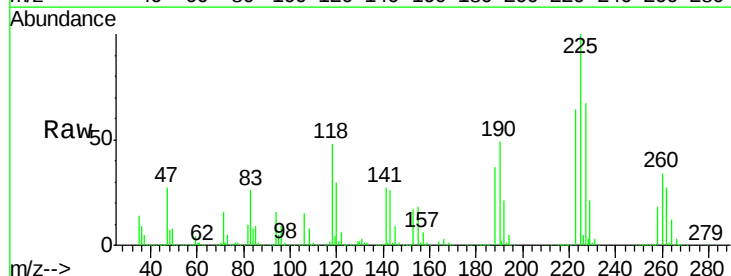
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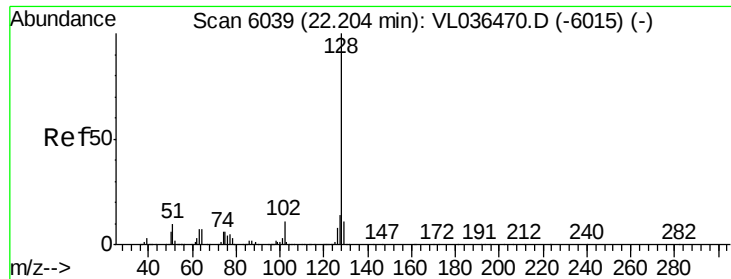
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#78
 Hexachloro-1,3-Butadiene
 Concen: 8.823 ppbv
 RT: 23.38 min Scan# 6406
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Tgt Ion:225 Resp: 1623143
 Ion Ratio Lower Upper
 225 100
 223 65.2 50.6 75.8
 227 66.1 52.2 78.2





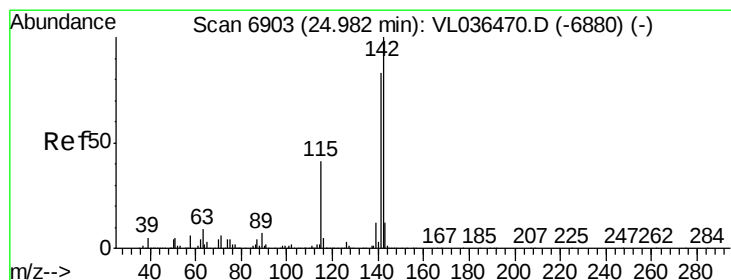
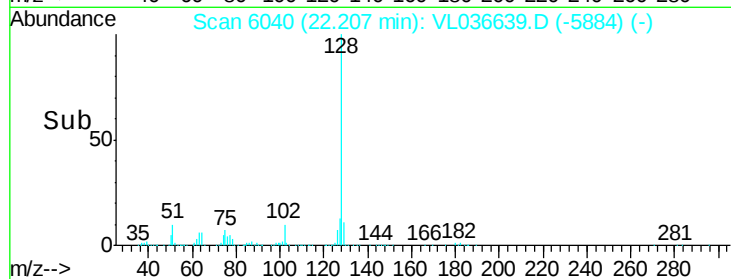
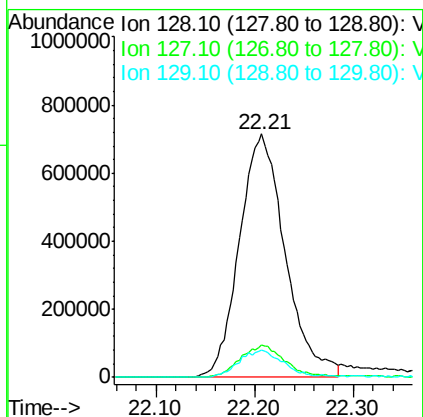
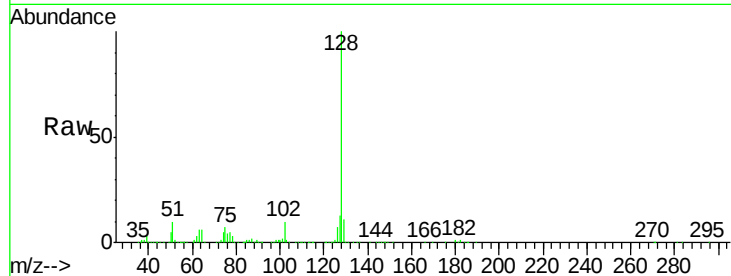
#79
Naphthalene
Concen: 10.146 ppbv
RT: 22.21 min Scan# 6040
Delta R.T. 0.00 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.9	16.3
129	11.1	9.0	13.4

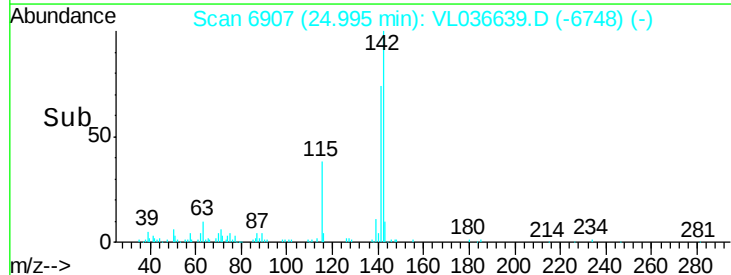
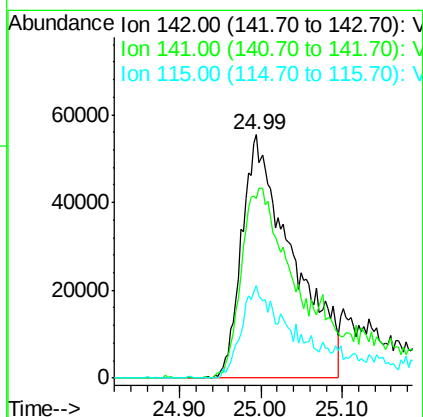
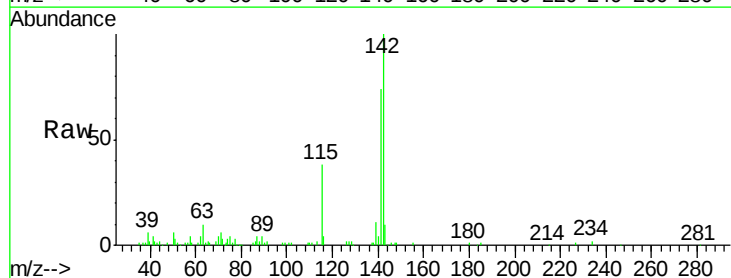
Manual Integrations
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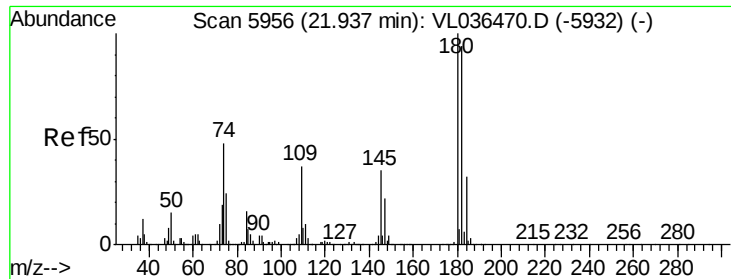
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#80
Naphthalene, 2-methyl-
Concen: 5.324 ppbv
RT: 24.99 min Scan# 6907
Delta R.T. 0.01 min
Lab File: VL036639.D
Acq: 1 Apr 2021 21:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.8	101.8
115	49.6	34.0	51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.645 ppbv
 RT: 21.93 min Scan# 5955
 Delta R.T. -0.00 min
 Lab File: VL036639.D
 Acq: 1 Apr 2021 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.0	80.8	121.2
184	31.5	25.0	37.4

Manual Integrations
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