

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030121\
 Data File : VL036410.D
 Acq On : 1 Mar 2021 11:33
 Operator : SY/AP
 Sample : VL0301ABS01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01

Manual Integrations
 APPROVED

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 3/2/2021 3:30:01 PM

Quant Time: Mar 02 02:54:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1666573	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	7.20	114	3911682	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.12	117	3472765m	10.00	ppbv	0.06

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2938651	10.28	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	1869884	7.518	ppbv	97
3) Chlorodifluoromethane	3.00	51	1883969	9.098	ppbv	98
4) Chloromethane	3.16	50	949344	9.490	ppbv	98
5) Vinyl Chloride	3.27	62	954730	10.249	ppbv	97
6) Bromomethane	3.49	94	526707	9.513	ppbv	95
7) Chloroethane	3.57	64	328287	9.925	ppbv	98
8) Dichlorotetrafluoroethane	3.20	85	2099899	9.283	ppbv	98
9) Propene	3.02	41	855174	11.077	ppbv	100
10) Heptane	8.15	43	2189806	9.624	ppbv	99
11) Trichlorofluoromethane	3.97	101	2301599	9.450	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.51	101	1471753	9.755	ppbv	98
13) Ethanol	3.62	45	126679	8.736	ppbv	100
14) Bromoethene	3.75	108	633126	10.027	ppbv	97
15) Acetone	3.87	43	1769951	8.688	ppbv	99
16) 1,3-Butadiene	3.34	39	922150	9.466	ppbv	99
17) tert-Butyl alcohol	4.31	59	1432239	9.057	ppbv	100
18) 1,1-Dichloroethene	4.31	96	654579	9.547	ppbv	98
19) Isopropyl Alcohol	3.99	45	950941	8.426	ppbv #	98
20) Methylene Chloride	4.37	84	560478	8.528	ppbv	94
21) Allyl Chloride	4.43	41	1059817	9.344	ppbv	98
22) trans-1,2-Dichloroethene	4.91	96	619163	9.942	ppbv	98
23) Vinyl Acetate	5.10	43	2293574	9.575	ppbv #	96
24) 1,1-Dichloroethane	5.04	63	1736117	9.800	ppbv	99
25) Ethyl Acetate	5.70	43	3702105	9.413	ppbv	99
26) Hexane	5.71	57	1511190	9.352	ppbv	99
27) Carbon Disulfide	4.57	76	1648314	11.099	ppbv	97
28) Methyl tert-Butyl Ether	5.06	73	2134165	10.110	ppbv	100
29) Chloroform	5.78	83	2419630	9.295	ppbv	98
30) Cyclohexane	7.16	84	1262090	9.391	ppbv	98
31) cis-1,2-Dichloroethene	5.58	61	1508562	9.435	ppbv	96
32) 1,1,1-Trichloroethane	6.54	97	2366618	9.724	ppbv	99
34) 2-Butanone	5.27	43	2348319	9.035	ppbv	100
35) Carbon Tetrachloride	7.05	117	2406274	9.179	ppbv	98
36) Benzene	6.92	78	3179331	9.568	ppbv	97
37) 1,2-Dichloroethane	6.34	62	1861216	9.059	ppbv	99
38) Trichloroethene	7.87	130	1097661	9.221	ppbv	96
39) 1,2-Dichloropropane	7.65	63	1275706	9.451	ppbv	94
40) 1,4-Dioxane	7.86	88	420263	8.986	ppbv #	1
41) Tetrahydrofuran	6.08	42	1429314	9.855	ppbv	99
42) Bromodichloromethane	7.83	83	2584479	9.393	ppbv	100
43) Methyl Methacrylate	8.04	69	1396548	9.966	ppbv	100

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Instrument :
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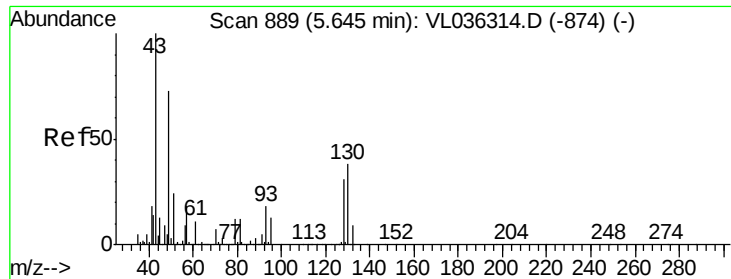
Manual Integrations
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Quant Time: Mar 02 02:54:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.90	57	5379984	8.904	ppbv	99
45) t-1,3-Dichloropropene	9.31	75	1503623	11.123	ppbv	98
46) cis-1,3-Dichloropropene	8.74	75	1801424	10.490	ppbv	97
47) 1,1,2-Trichloroethane	9.51	97	1253199	9.072	ppbv	97
48) Dibromochloromethane	10.34	129	2079794	10.090	ppbv	99
49) Bromoform	13.08	173	1735798	10.417	ppbv	99
50) 4-Methyl-2-Pentanone	8.77	43	3643435	9.443	ppbv	99
51) 2-Hexanone	10.17	43	2967860	10.123	ppbv	99
52) Tetrachloroethene	11.26	164	1030847	8.474	ppbv	95
53) Toluene	9.84	91	3521238	9.783	ppbv	100
54) 1,2-Dibromoethane	10.65	107	1877807	9.407	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.16	131	1541602	9.651	ppbv #	60
57) Chlorobenzene	12.19	112	2515355	9.375	ppbv	99
58) Ethyl Benzene	12.74	91	4706682	9.898	ppbv	99
59) m/p-Xylene	13.03	91	8067496m	19.314	ppbv	
60) o-Xylene	13.73	91	3820864	9.567	ppbv	100
61) Styrene	13.56	104	2719588	10.988	ppbv	99
62) Isopropylbenzene	14.70	105	5639602	9.421	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.71	83	2747696	8.720	ppbv	100
64) n-propylbenzene	15.60	120	1476600	10.022	ppbv	98
65) tert-Butylbenzene	16.78	119	4815567	9.402	ppbv	98
66) Benzyl Chloride	17.02	91	1811542	13.010	ppbv	99
67) sec-Butylbenzene	17.33	105	6893130	9.332	ppbv	99
69) p-Isopropyltoluene	17.69	119	5624049	9.852	ppbv	98
70) n-Butylbenzene	18.58	91	5920906	9.672	ppbv	99
71) 2-Chlorotoluene	15.49	91	4477246	9.757	ppbv	98
72) 4-Ethyltoluene	15.88	105	4420558	9.946	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	4125386	9.575	ppbv	98
74) 1,2,4-Trimethylbenzene	16.80	105	4184510	9.514	ppbv	93
75) 1,3-Dichlorobenzene	17.03	146	2291806	9.600	ppbv	99
76) 1,4-Dichlorobenzene	17.18	146	2253308	9.089	ppbv	95
77) 1,2-Dichlorobenzene	17.85	146	2246947	9.487	ppbv	99
78) Hexachloro-1,3-Butadiene	23.41	225	1581863	8.175	ppbv	99
79) Naphthalene	22.24	128	3016795	11.571	ppbv	96
80) Naphthalene,2-methyl-	25.00	142	654455	13.557	ppbv	96
81) 1,2,4-Trichlorobenzene	21.97	180	1599162	10.053	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.05 min

Lab File: VL036410.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

Tgt Ion: 49 Resp: 1666573

Ion Ratio Lower Upper

49 100

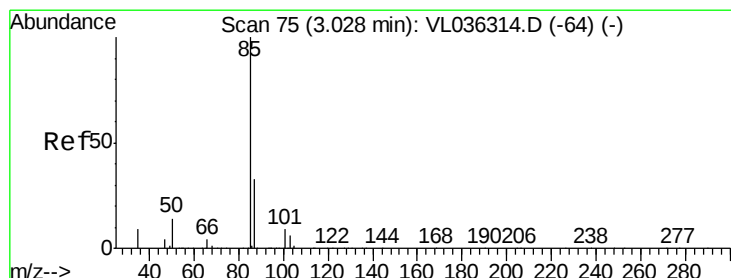
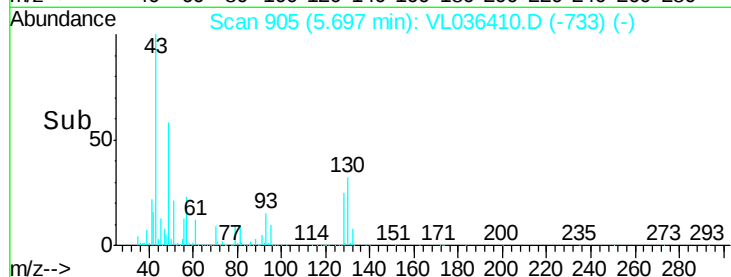
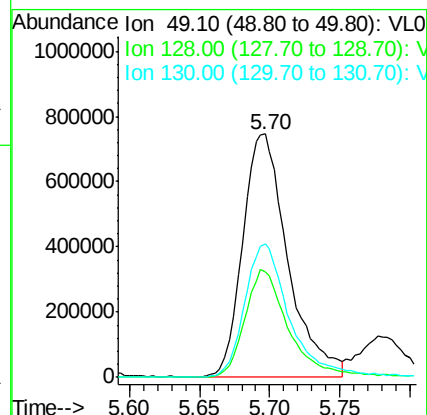
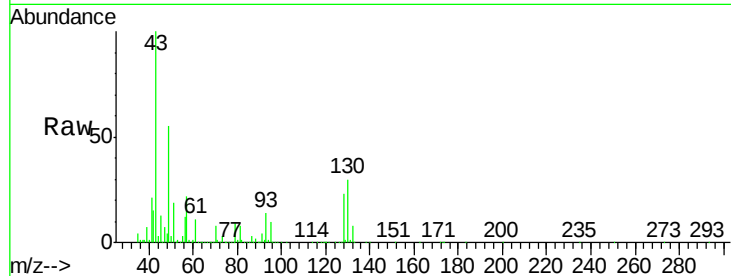
128 43.9 20.8 62.5

130 55.7 26.7 80.1

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#2

Dichlorodifluoromethane

Concen: 7.518 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.04 min

Lab File: VL036410.D

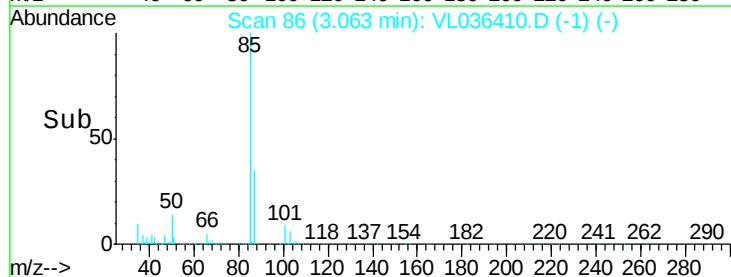
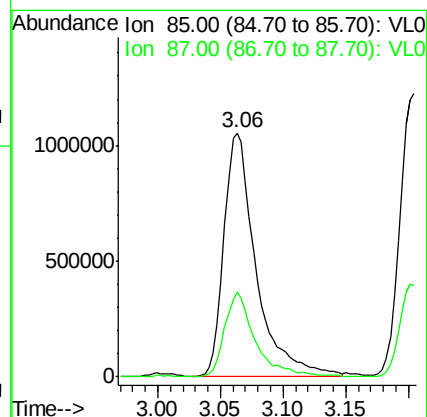
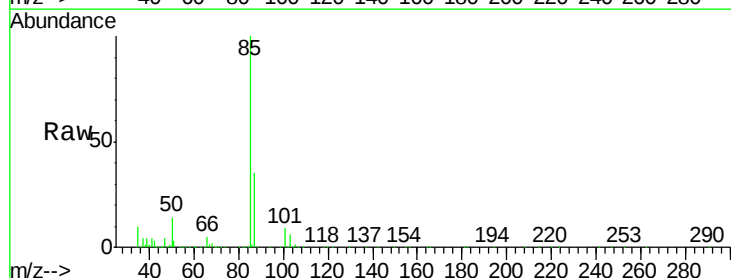
Acq: 1 Mar 2021 11:33

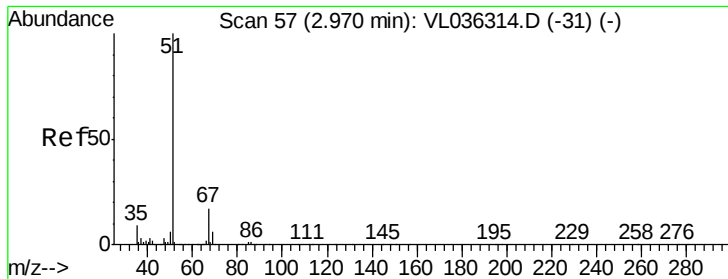
Tgt Ion: 85 Resp: 1869884

Ion Ratio Lower Upper

85 100

87 35.1 26.5 39.7





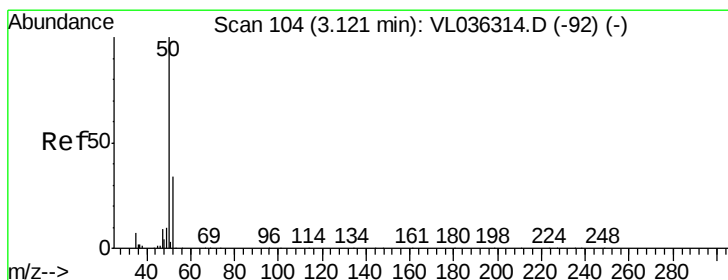
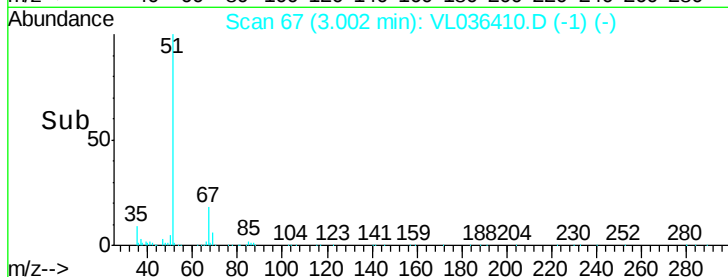
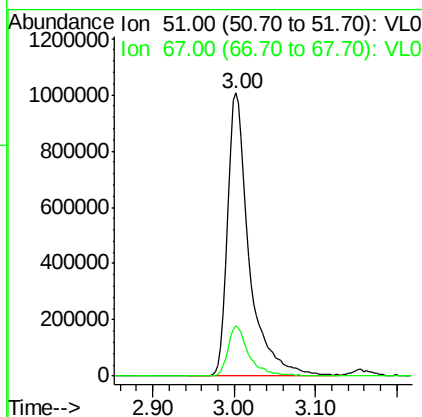
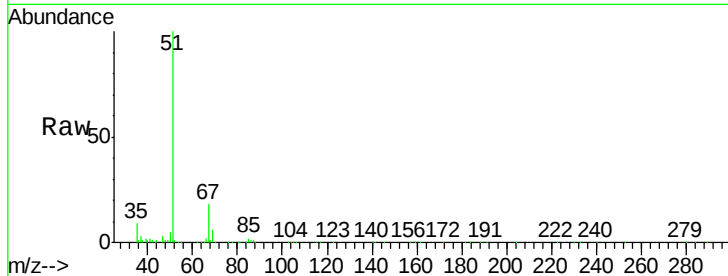
#3
Chlorodifluoromethane
Concen: 9.098 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.03 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 51 Resp: 1883969
Ion Ratio Lower Upper
51 100
67 17.4 14.7 22.1

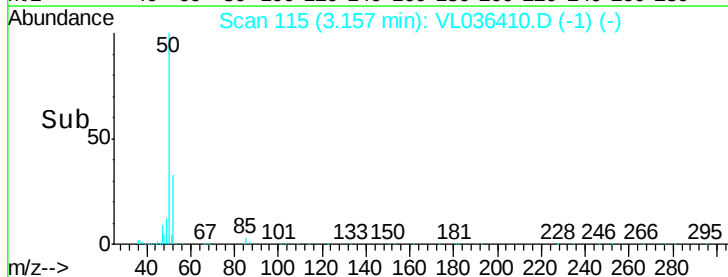
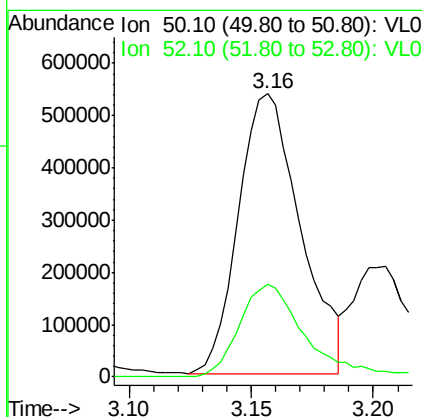
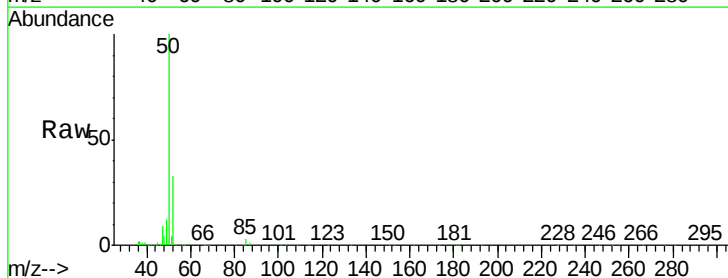
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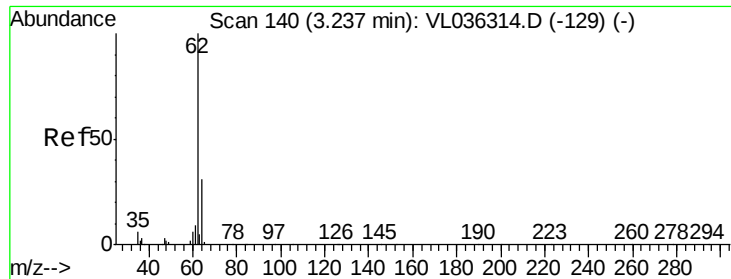
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#4
Chloromethane
Concen: 9.490 ppbv
RT: 3.16 min Scan# 115
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 50 Resp: 949344
Ion Ratio Lower Upper
50 100
52 32.7 27.0 40.4





#5

Vinyl Chloride

Concen: 10.249 ppbv

RT: 3.27 min Scan# 151

Delta R.T. 0.04 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

Tgt Ion: 62 Resp: 954730

Ion Ratio Lower Upper

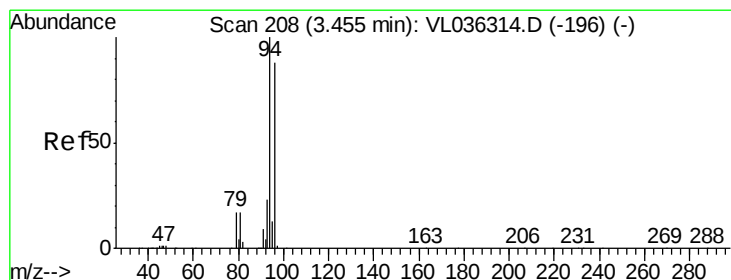
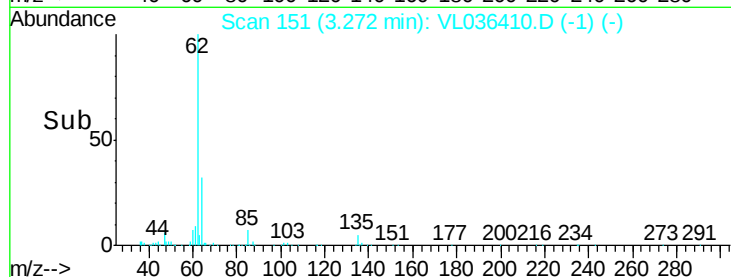
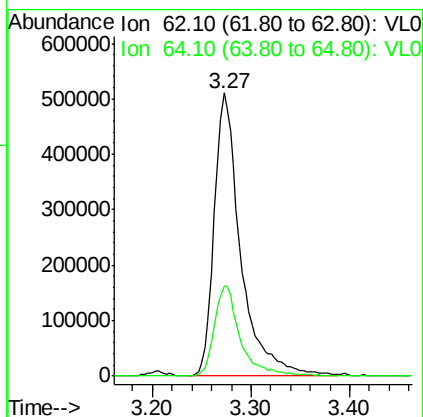
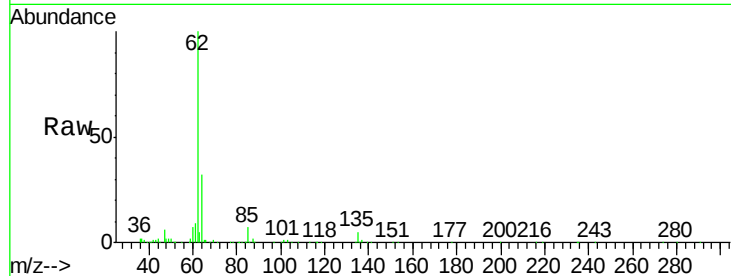
62 100

64 31.9 24.4 36.6

Manual Integrations
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#6

Bromomethane

Concen: 9.513 ppbv

RT: 3.49 min Scan# 219

Delta R.T. 0.04 min

Lab File: VL036410.D

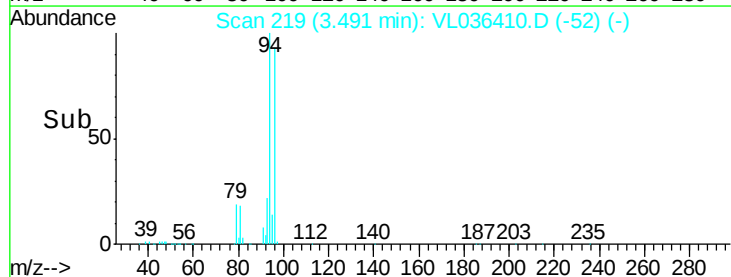
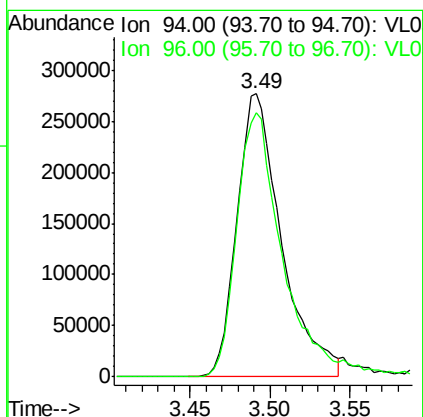
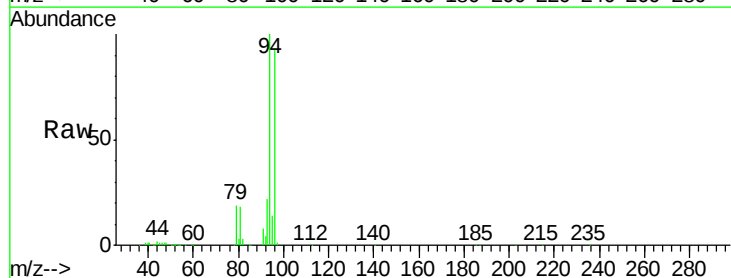
Acq: 1 Mar 2021 11:33

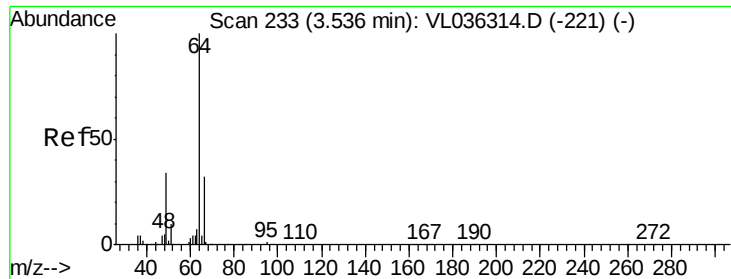
Tgt Ion: 94 Resp: 526707

Ion Ratio Lower Upper

94 100

96 93.2 70.8 106.2





#7

Chloroethane

Concen: 9.925 ppbv

RT: 3.57 min Scan# 245

Delta R.T. 0.04 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

Tgt Ion: 64 Resp: 328287

Ion Ratio Lower Upper

64 100

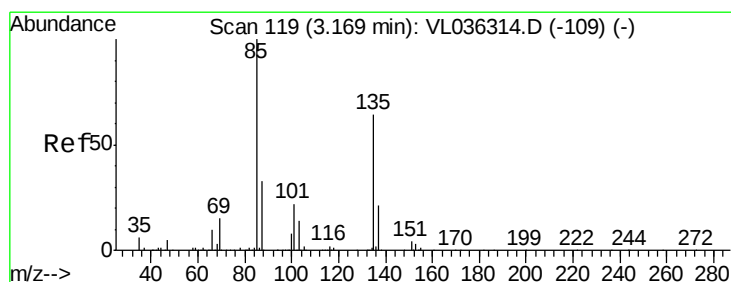
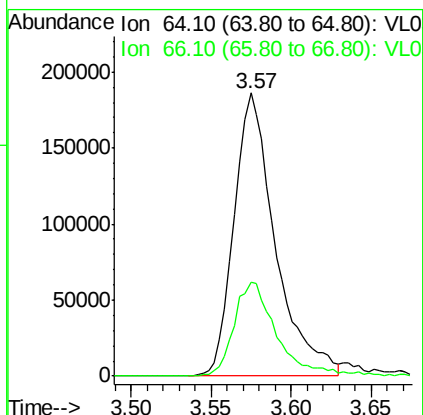
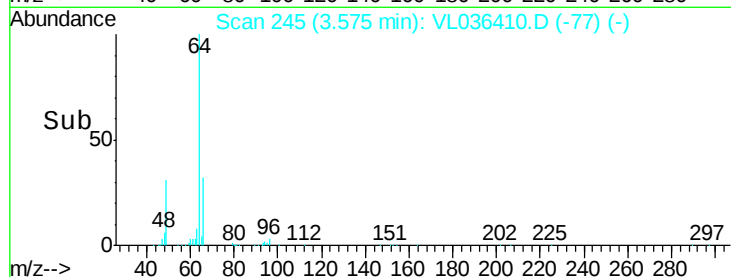
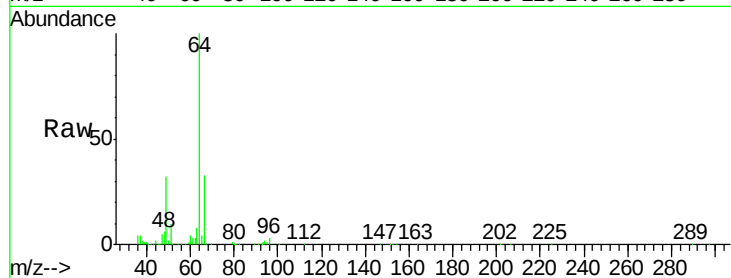
66 33.1 25.6 38.4

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 9.283 ppbv

RT: 3.20 min Scan# 130

Delta R.T. 0.04 min

Lab File: VL036410.D

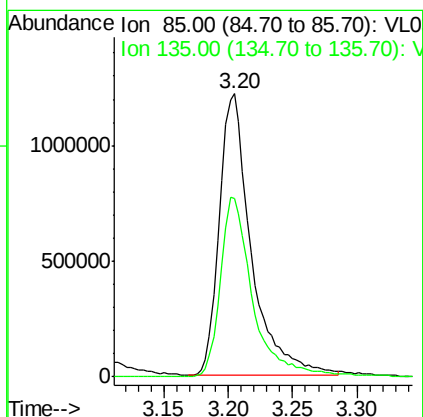
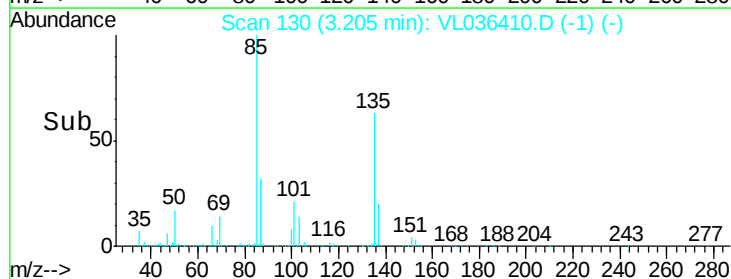
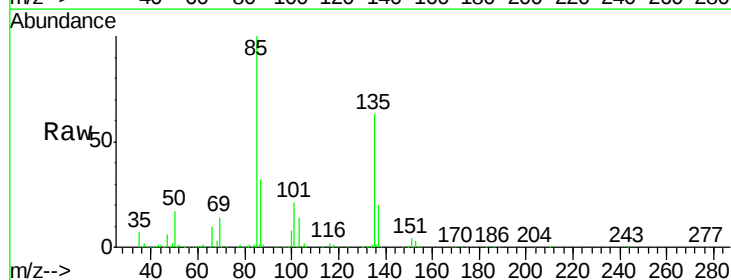
Acq: 1 Mar 2021 11:33

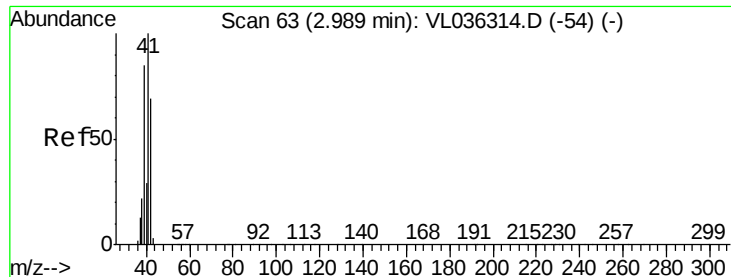
Tgt Ion: 85 Resp: 2099899

Ion Ratio Lower Upper

85 100

135 65.3 51.1 76.7





#9

Propene

Concen: 11.077 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.03 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

Tgt Ion: 41 Resp: 855174

Ion Ratio Lower Upper

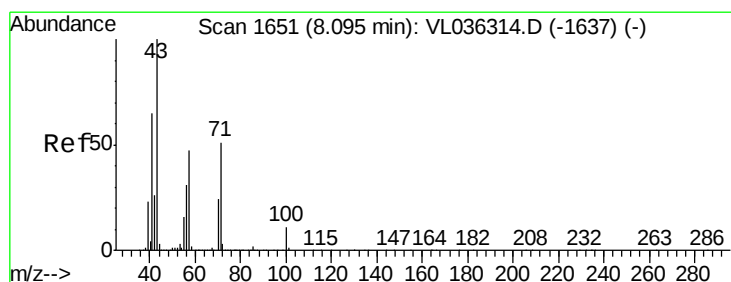
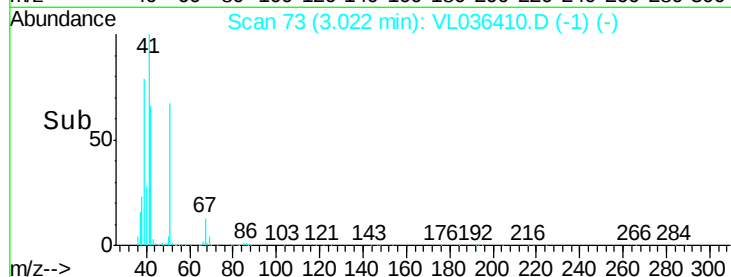
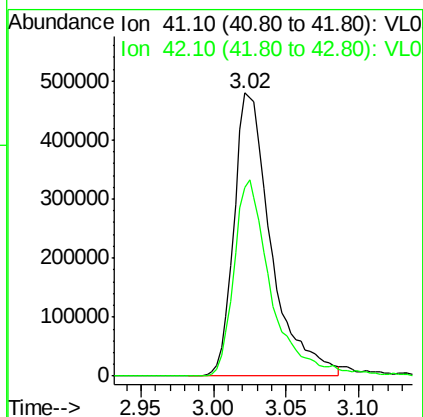
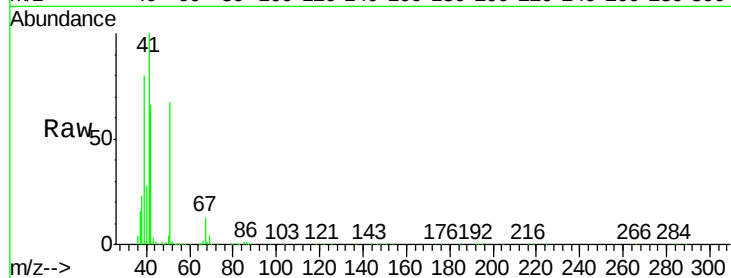
41 100

42 70.4 56.2 84.2

Manual Integrations
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#10

Heptane

Concen: 9.624 ppbv

RT: 8.15 min Scan# 1669

Delta R.T. 0.06 min

Lab File: VL036410.D

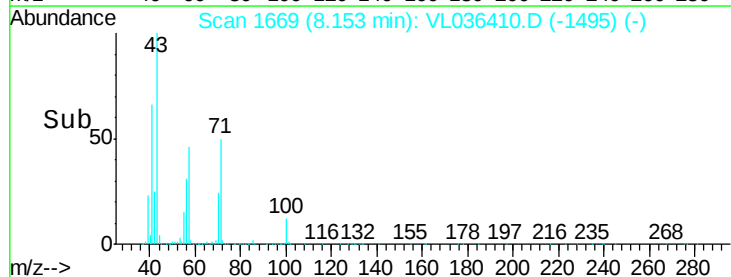
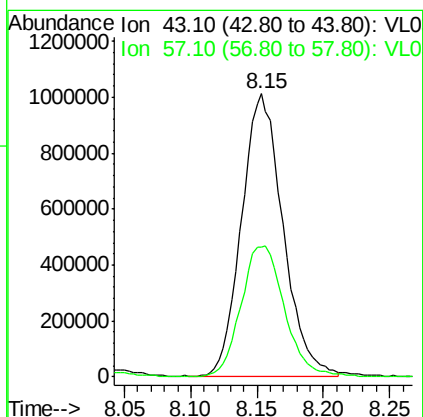
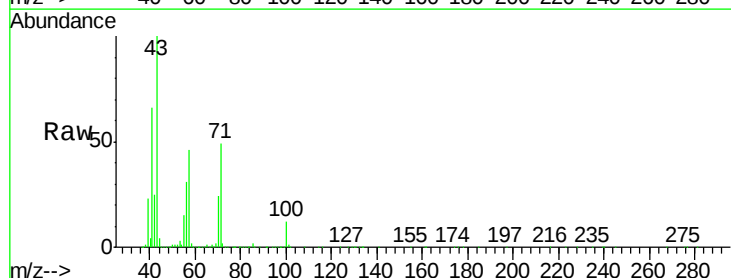
Acq: 1 Mar 2021 11:33

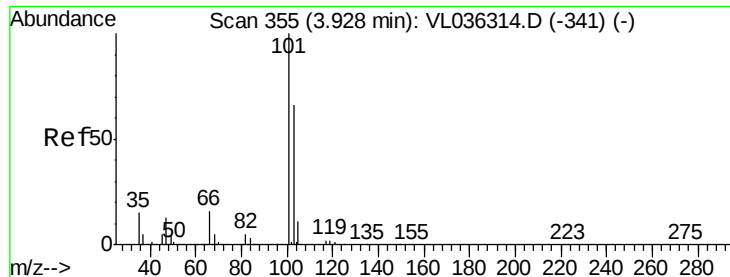
Tgt Ion: 43 Resp: 2189806

Ion Ratio Lower Upper

43 100

57 48.3 39.4 59.2





#11

Trichlorofluoromethane

Concen: 9.450 ppbv

RT: 3.97 min Scan# 368

Delta R.T. 0.04 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

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ClientSampleId :

VL0301ABS01

Tgt Ion:101 Resp: 2301599

Ion Ratio Lower Upper

101 100

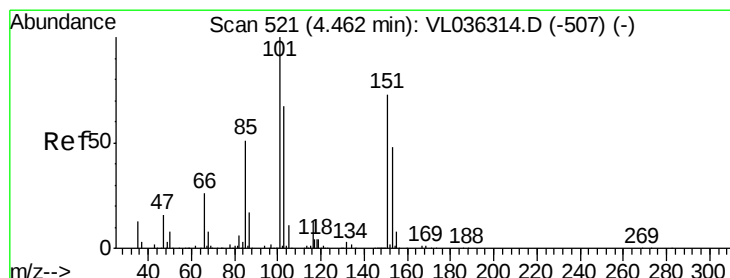
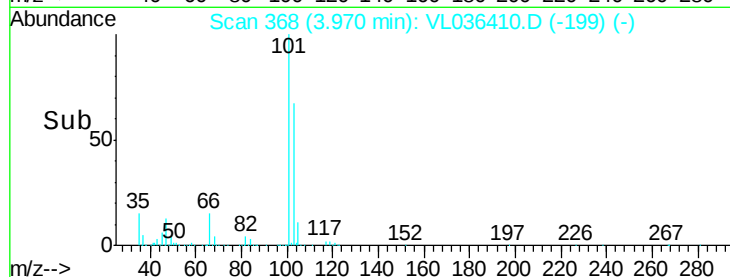
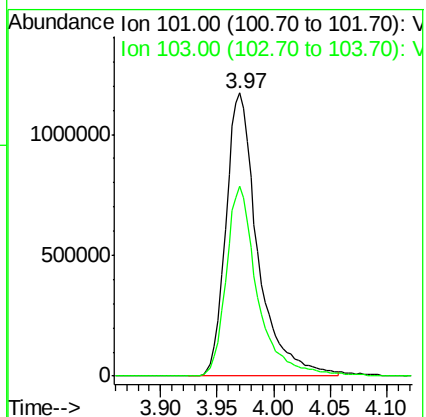
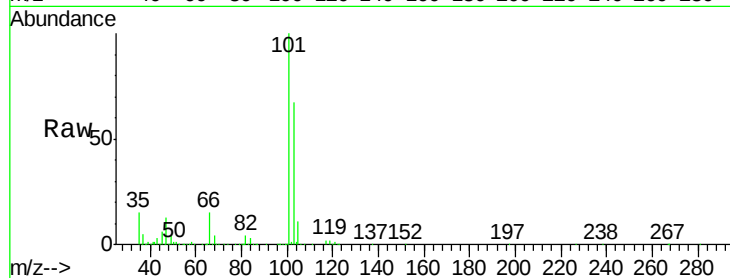
103 67.2 52.9 79.3

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#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.755 ppbv

RT: 4.51 min Scan# 535

Delta R.T. 0.05 min

Lab File: VL036410.D

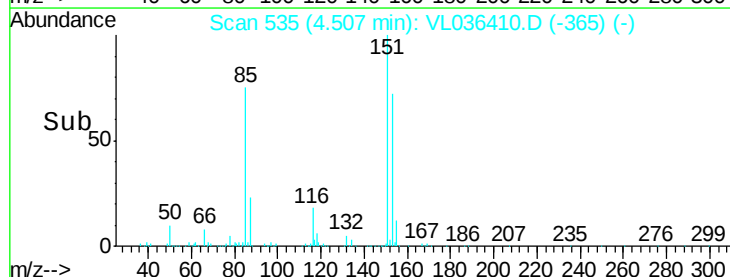
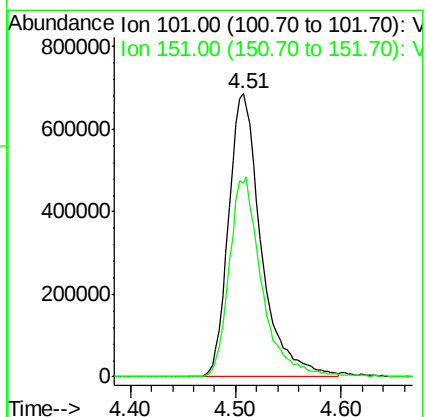
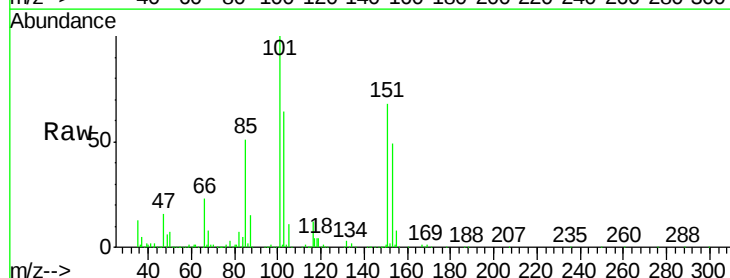
Acq: 1 Mar 2021 11:33

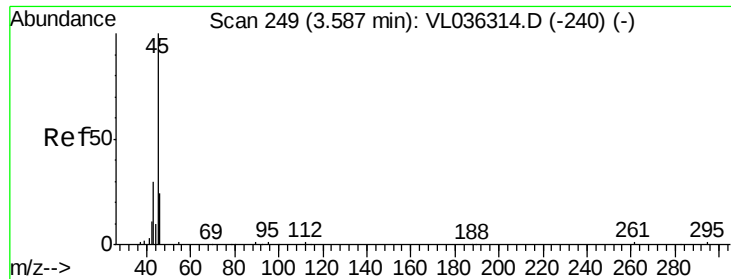
Tgt Ion:101 Resp: 1471753

Ion Ratio Lower Upper

101 100

151 70.9 58.2 87.4





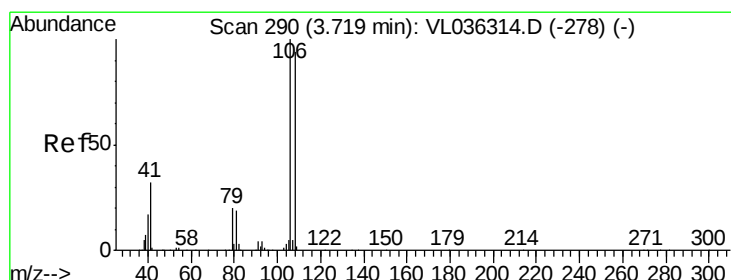
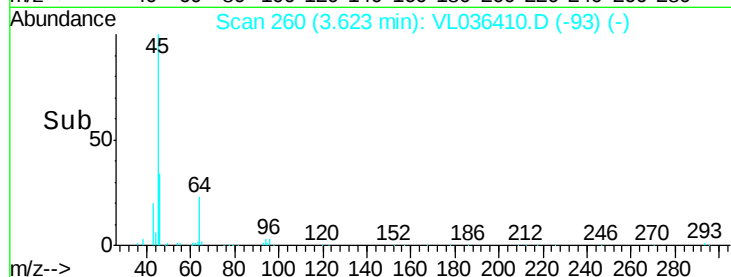
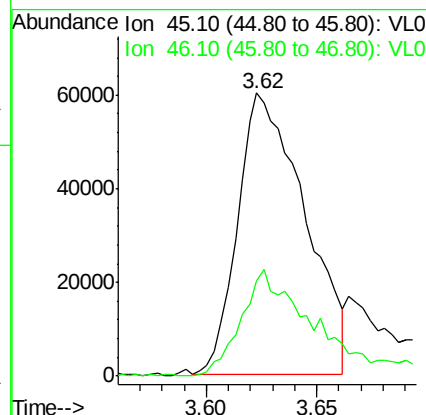
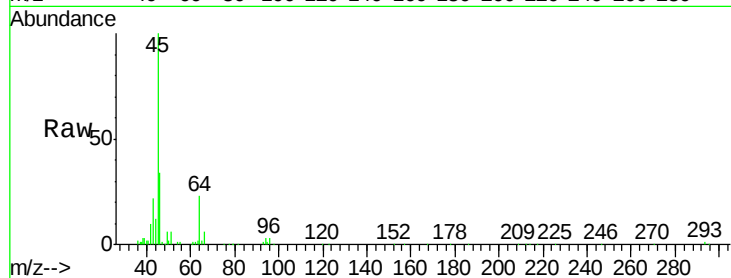
#13
Ethanol
Concen: 8.736 ppbv
RT: 3.62 min Scan# 260
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 45 Resp: 126679
Ion Ratio Lower Upper
45 100
46 44.0 17.7 70.7

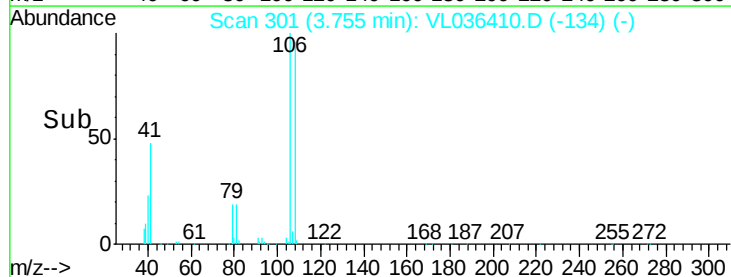
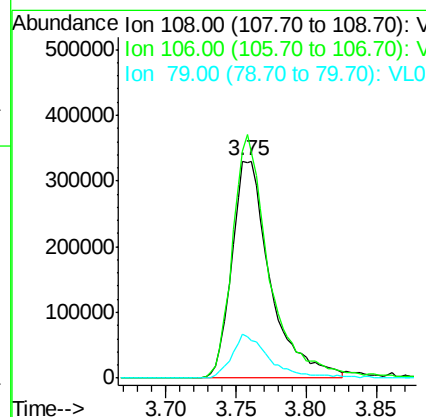
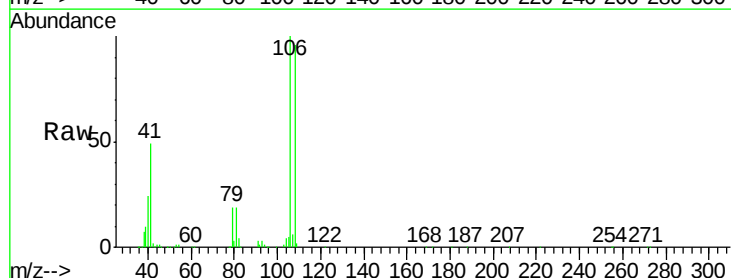
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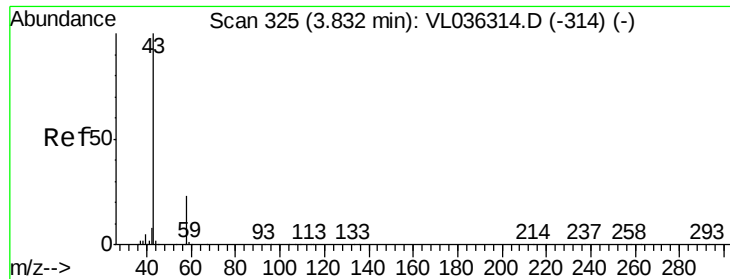
MMDadoda
3/2/2021 3:30:01 PM



#14
Bromoethene
Concen: 10.027 ppbv
RT: 3.75 min Scan# 301
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 108 Resp: 633126
Ion Ratio Lower Upper
108 100
106 108.7 89.8 134.8
79 20.5 17.1 25.7





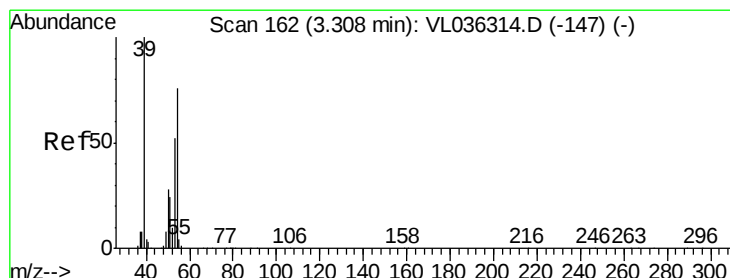
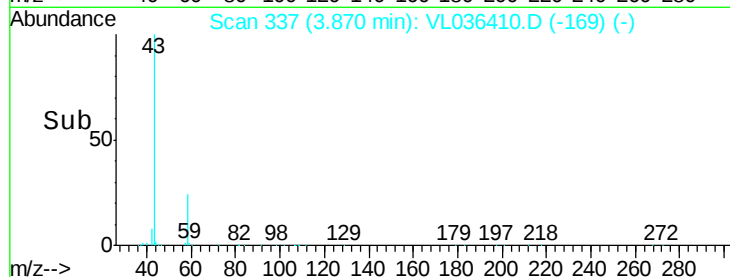
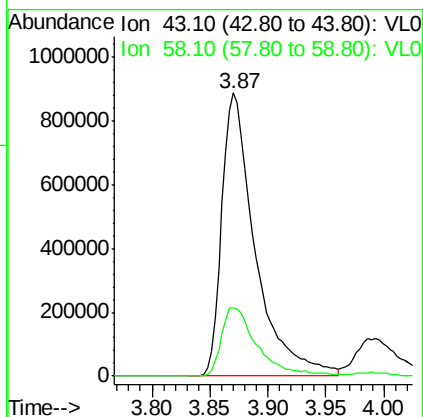
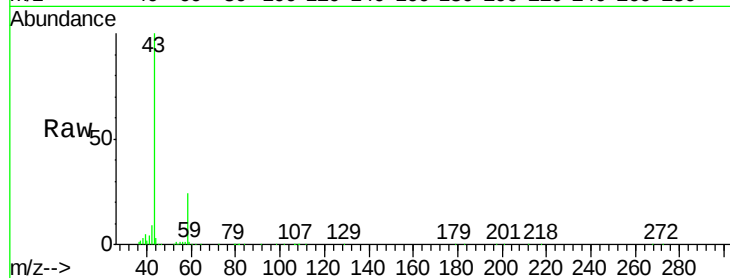
#15
Acetone
Concen: 8.688 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 43 Resp: 1769951
Ion Ratio Lower Upper
43 100
58 25.8 20.3 30.5

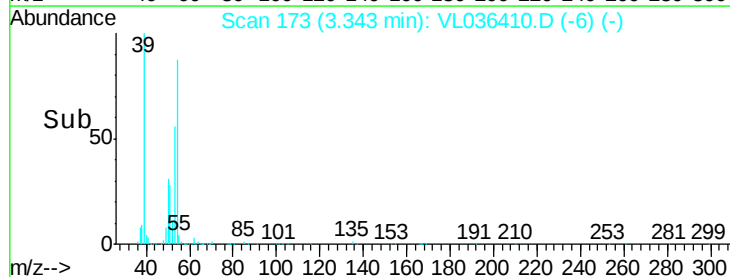
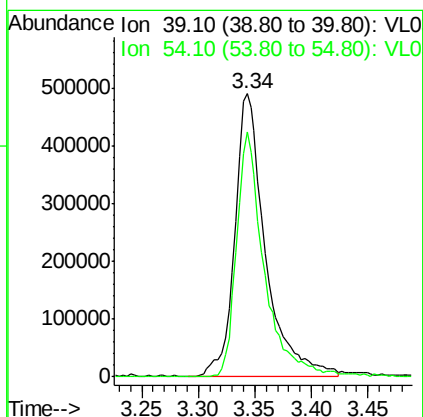
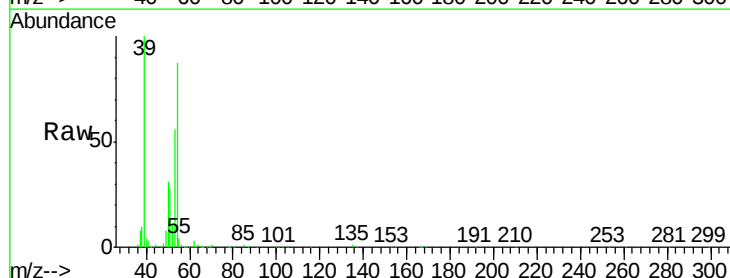
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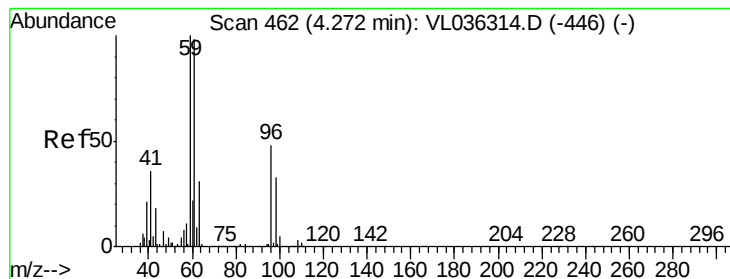
MMDadoda
3/2/2021 3:30:01 PM



#16
1,3-Butadiene
Concen: 9.466 ppbv
RT: 3.34 min Scan# 173
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 39 Resp: 922150
Ion Ratio Lower Upper
39 100
54 79.5 64.4 96.6





#17

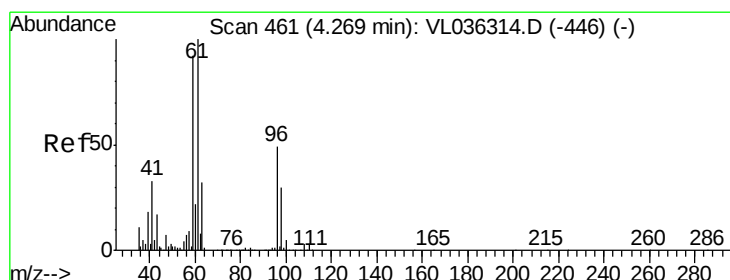
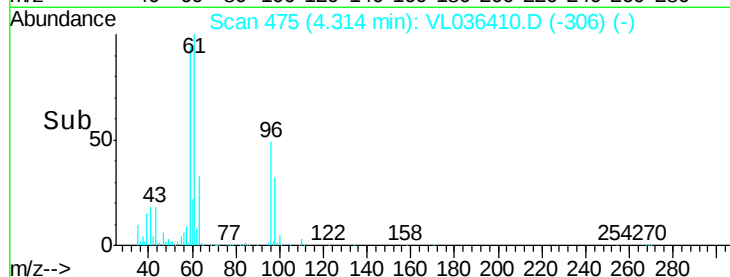
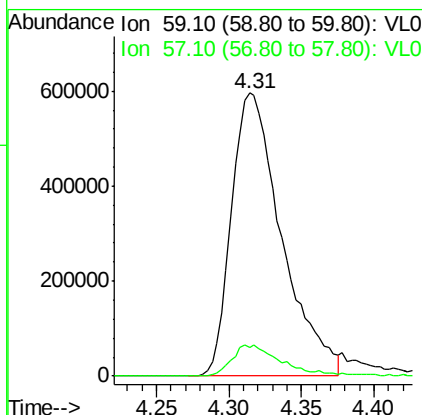
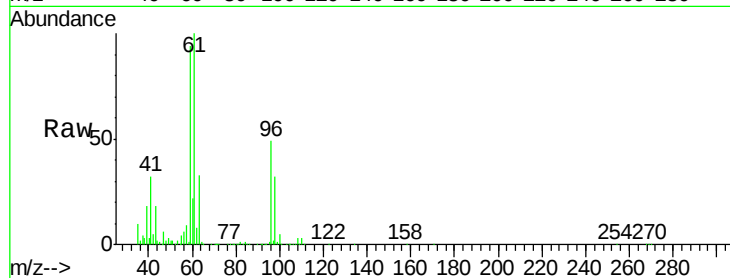
tert-Butyl alcohol
Concen: 9.057 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 59 Resp: 1432239
Ion Ratio Lower Upper
59 100
57 11.4 9.0 13.4

Manual Integrations
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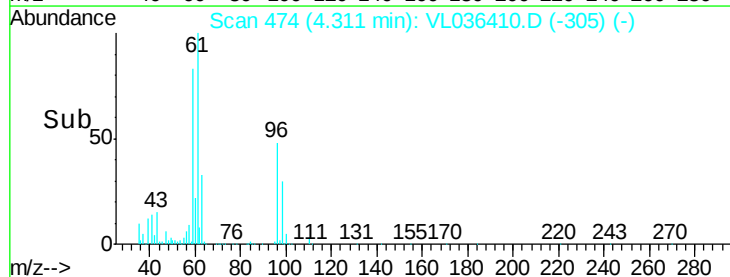
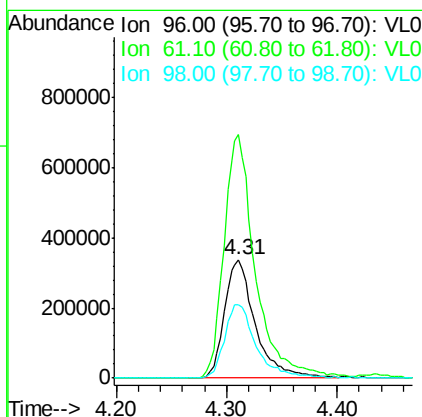
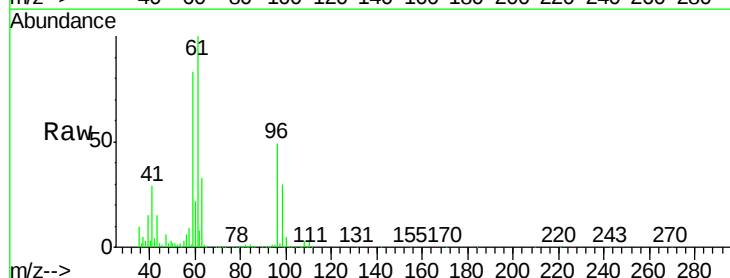
MMDadoda
3/2/2021 3:30:01 PM

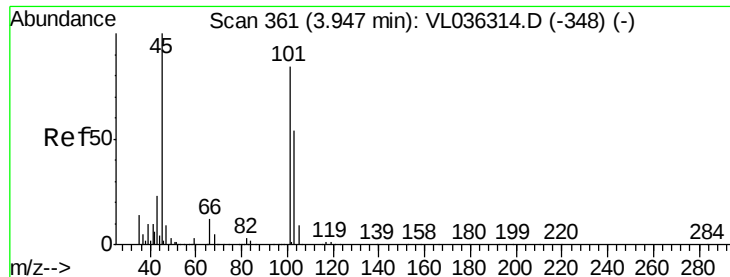


#18

1,1-Dichloroethene
Concen: 9.547 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 96 Resp: 654579
Ion Ratio Lower Upper
96 100
61 206.0 162.5 243.7
98 62.2 48.5 72.7





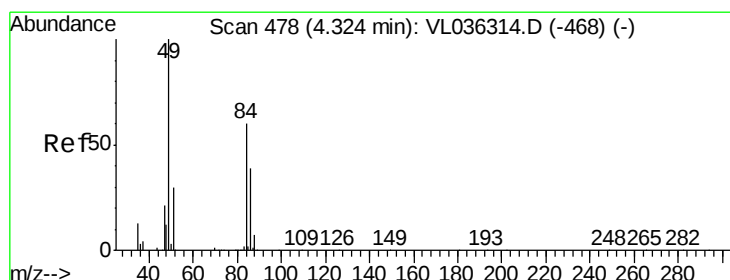
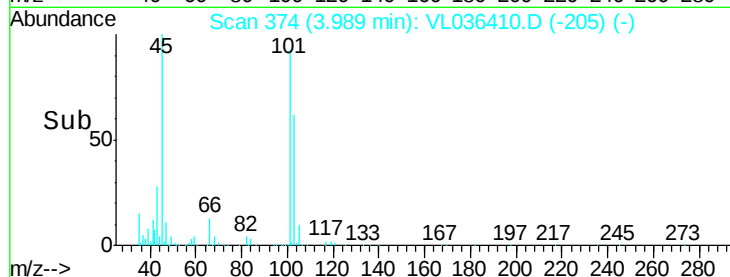
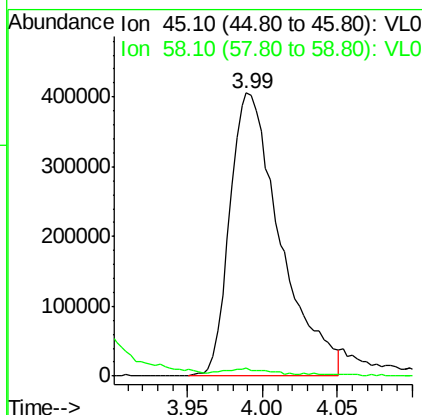
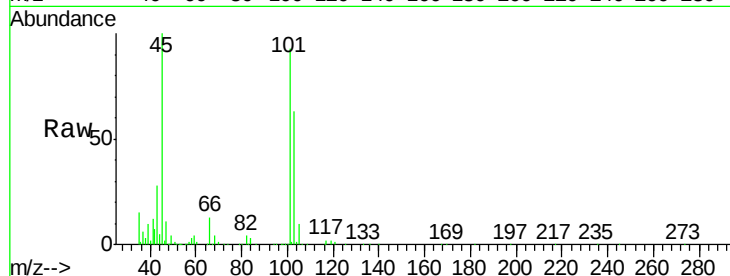
#19
Isopropyl Alcohol
Concen: 8.426 ppbv
RT: 3.99 min Scan# 374
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 45 Resp: 950941
Ion Ratio Lower Upper
45 100
58 3.1 1.9 2.9#

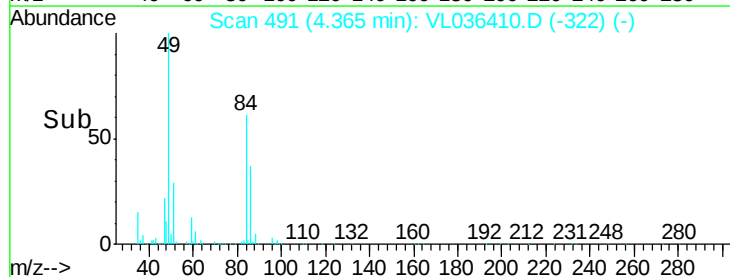
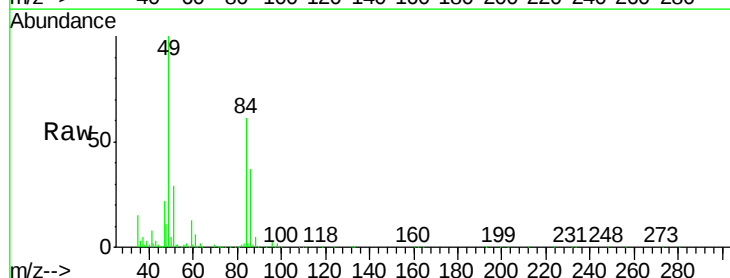
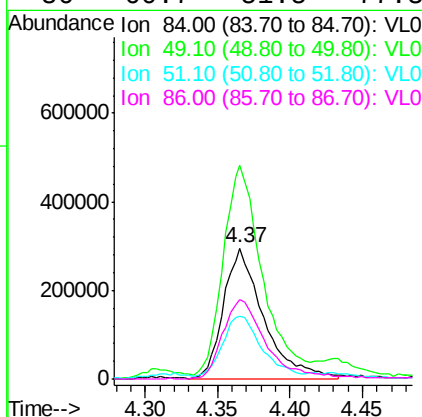
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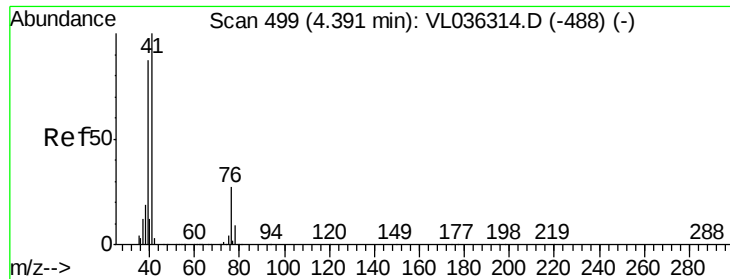
MMDadoda
3/2/2021 3:30:01 PM



#20
Methylene Chloride
Concen: 8.528 ppbv
RT: 4.37 min Scan# 491
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 84 Resp: 560478
Ion Ratio Lower Upper
84 100
49 160.8 133.8 200.8
51 44.8 41.4 62.0
86 60.7 51.5 77.3





#21

Allyl Chloride

Concen: 9.344 ppbv

RT: 4.43 min Scan# 512

Delta R.T. 0.04 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

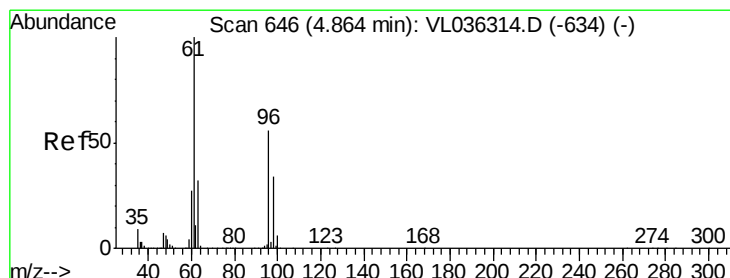
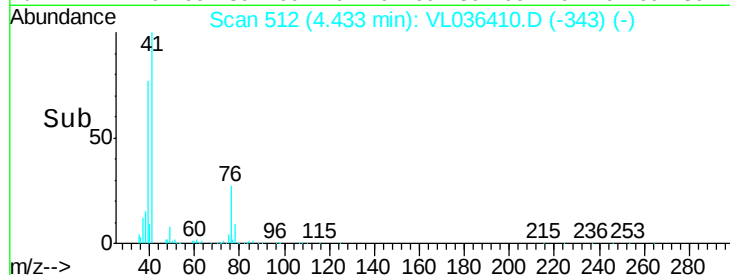
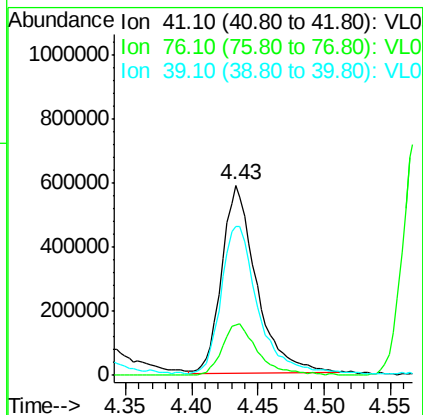
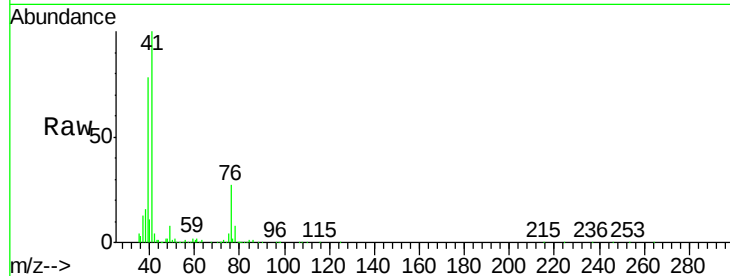
ClientSampleId :

VL0301ABS01

Tgt Ion:	41	Resp:	1059817
Ion	Ratio	Lower	Upper
41	100		
76	28.8	22.0	33.0
39	85.8	70.2	105.2

Manual Integrations
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MMDadoda
3/2/2021 3:30:01 PM



#22

trans-1,2-Dichloroethene

Concen: 9.942 ppbv

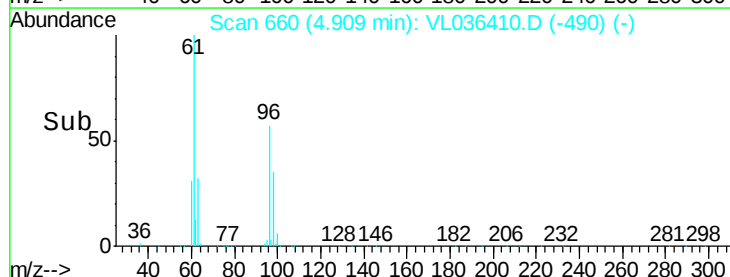
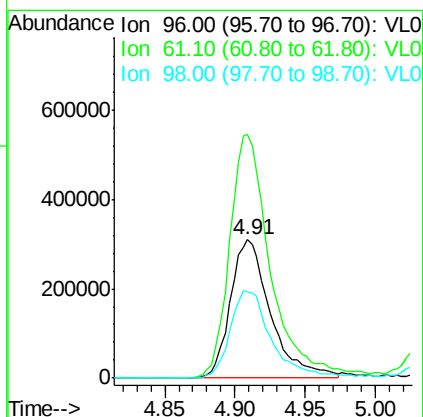
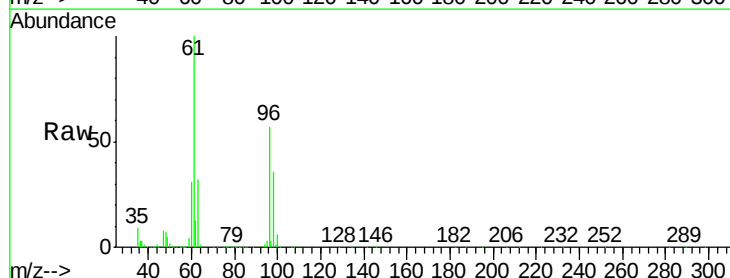
RT: 4.91 min Scan# 660

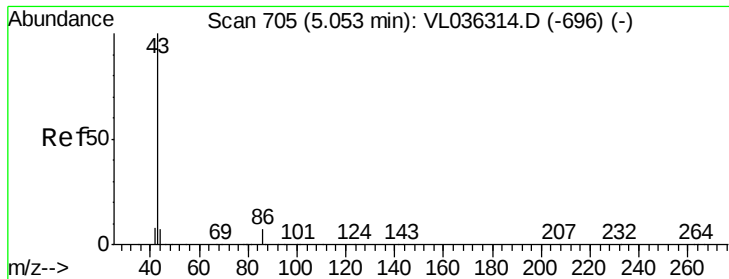
Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Tgt Ion:	96	Resp:	619163
Ion	Ratio	Lower	Upper
96	100		
61	176.2	143.7	215.5
98	62.6	48.5	72.7





#23

Vinyl Acetate

Concen: 9.575 ppbv

RT: 5.10 min Scan# 719

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

Tgt Ion: 43 Resp: 2293574

Ion Ratio Lower Upper

43 100

86 7.1 4.8 7.2

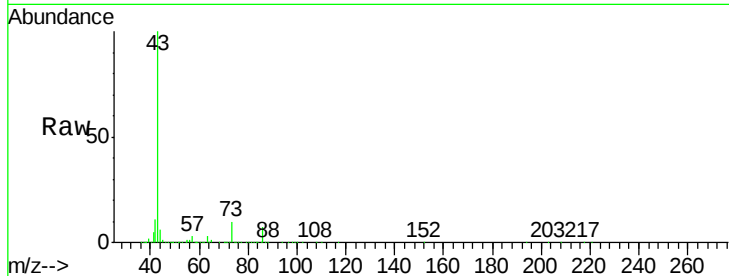
42 11.4 7.4 11.0#

44 5.5 4.8 7.2

Manual Integrations
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MMDadoda

3/2/2021 3:30:01 PM

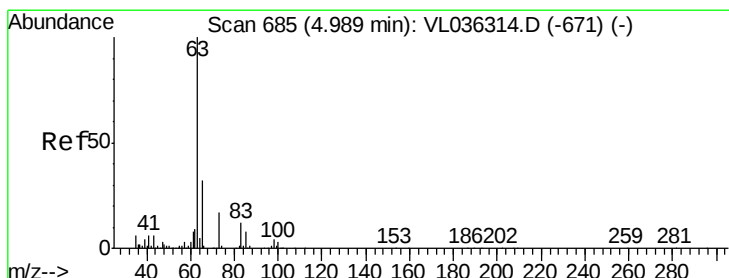
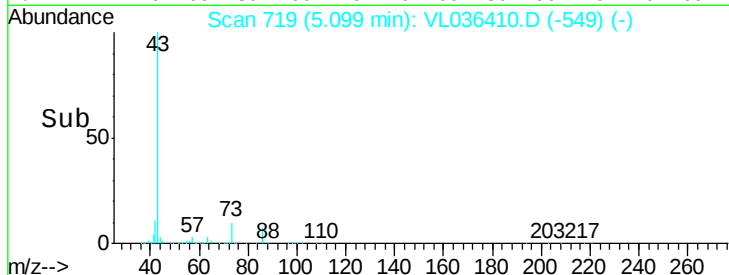
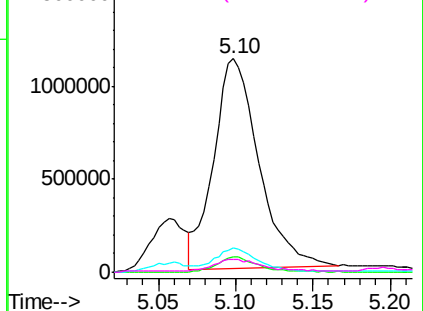


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.800 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

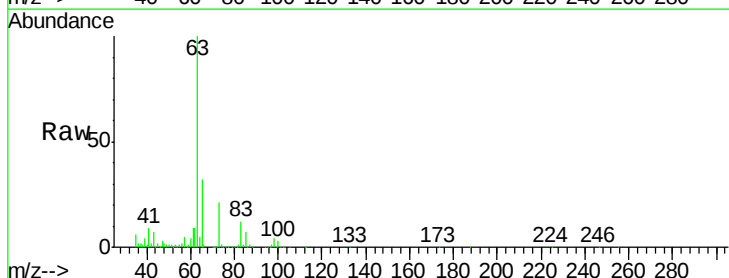
Tgt Ion: 63 Resp: 1736117

Ion Ratio Lower Upper

63 100

98 3.7 2.0 6.0

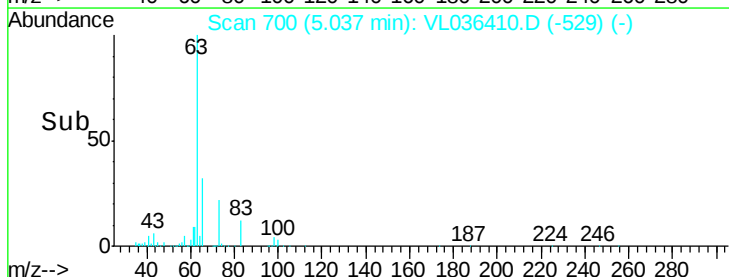
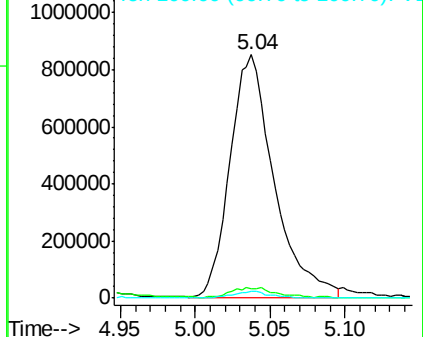
100 2.9 1.5 4.4

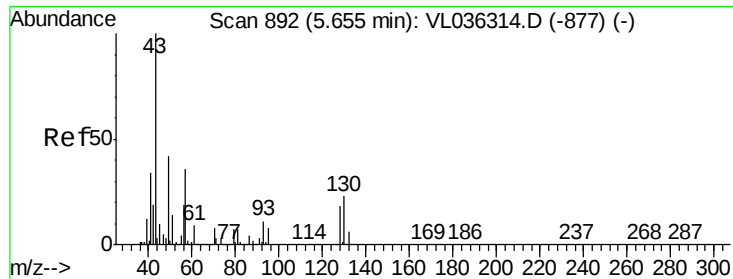


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





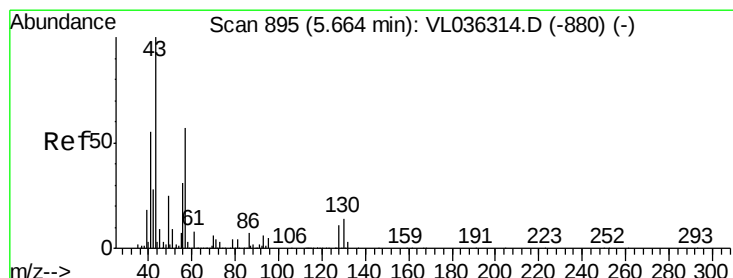
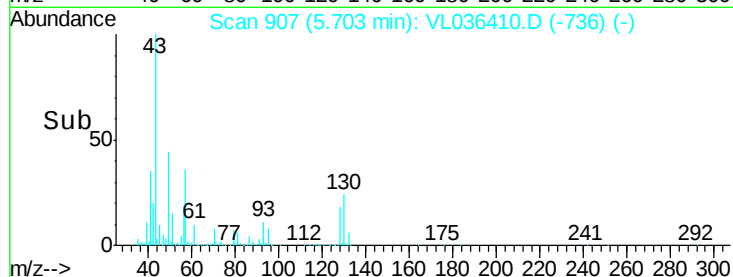
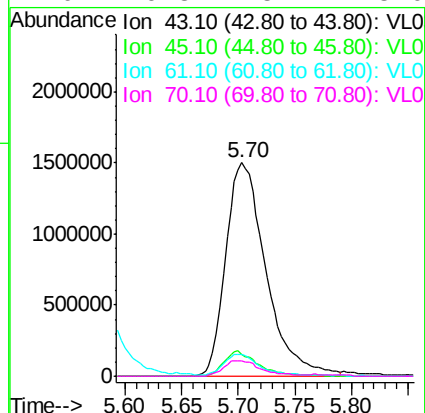
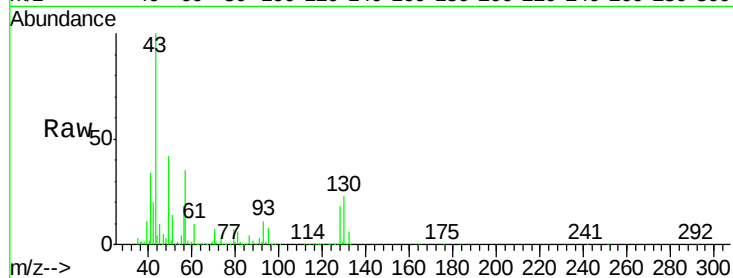
#25
Ethyl Acetate
Concen: 9.413 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.3	12.5
61	9.6	7.3	10.9
70	6.8	5.4	8.0

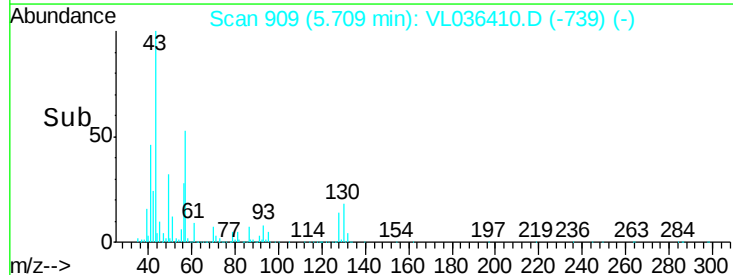
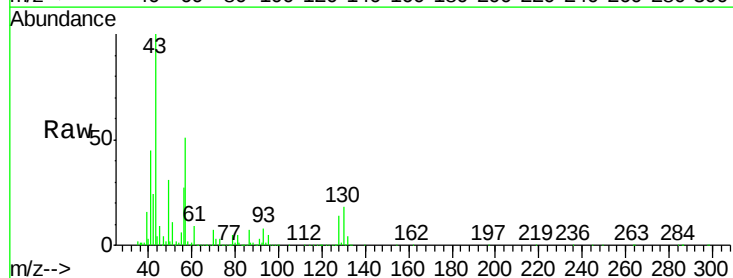
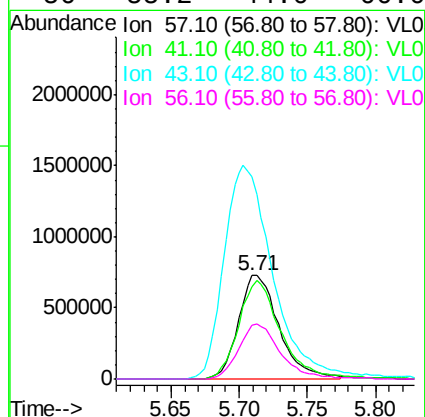
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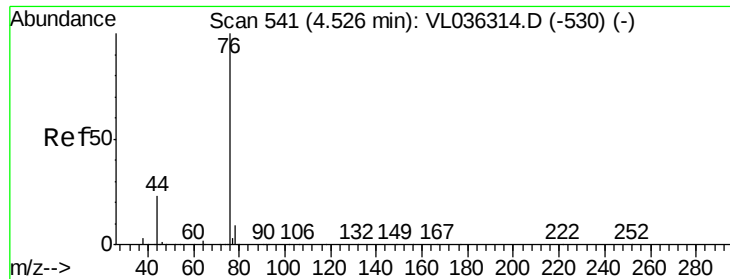
MMDadoda
3/2/2021 3:30:01 PM



#26
Hexane
Concen: 9.352 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion	Ratio	Lower	Upper
57	100		
41	99.9	81.7	122.5
43	249.9	199.1	298.7
56	55.2	44.0	66.0





#27

Carbon Disulfide

Concen: 11.099 ppbv

RT: 4.57 min Scan# 555

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

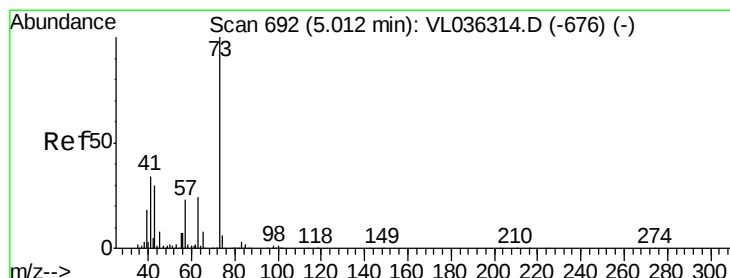
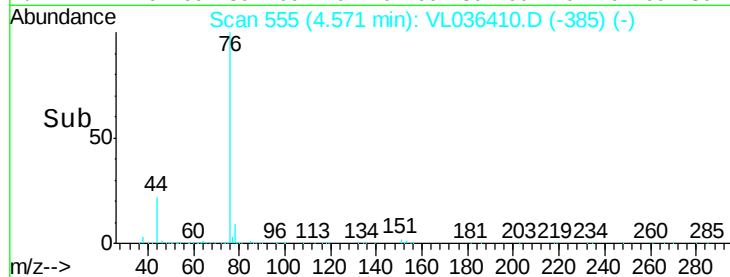
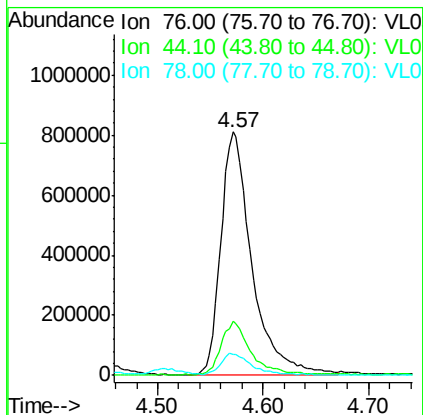
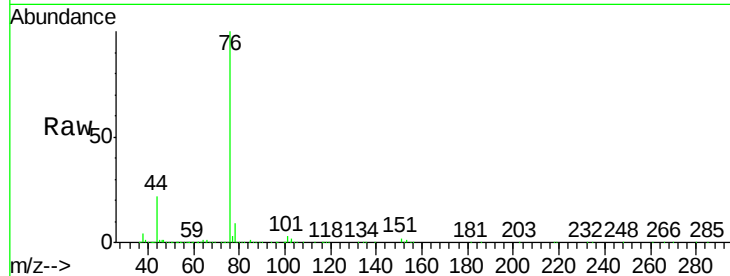
ClientSampleId :

VL0301ABS01

Tgt Ion:	76	Resp:	1648314
Ion	Ratio	Lower	Upper
76	100		
44	21.0	18.4	27.6
78	9.5	8.0	12.0

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 10.110 ppbv

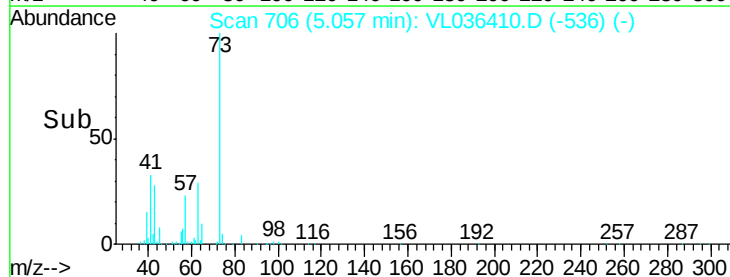
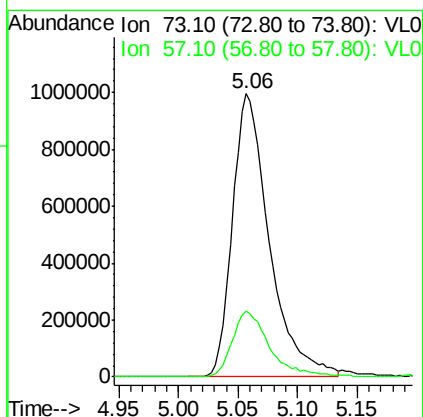
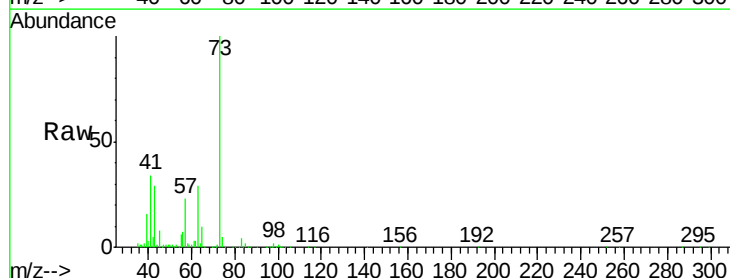
RT: 5.06 min Scan# 706

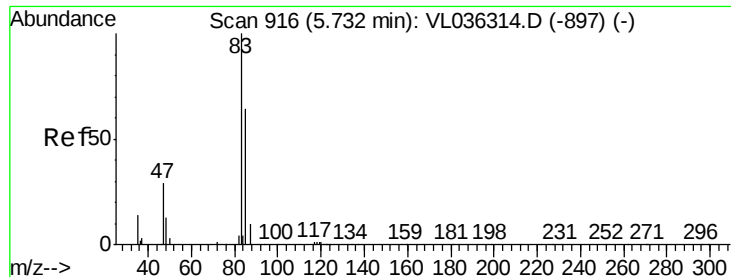
Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Tgt Ion:	73	Resp:	2134165
Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.2	28.8





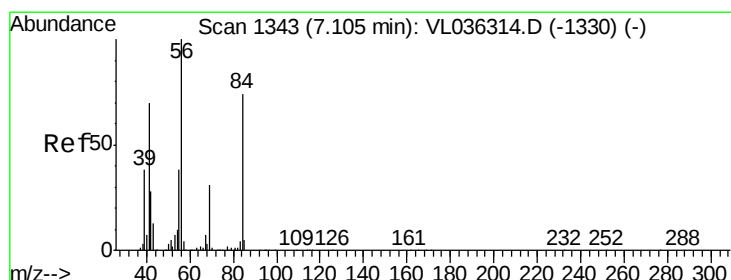
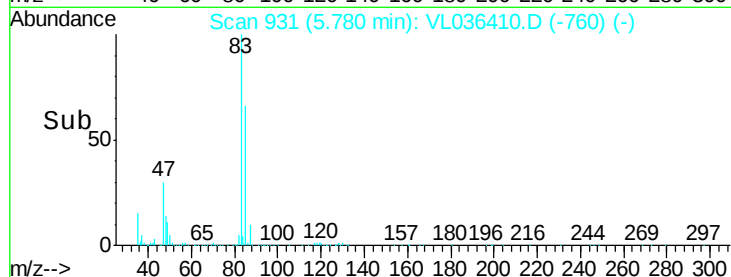
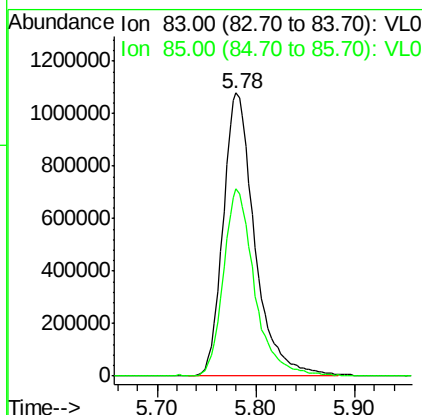
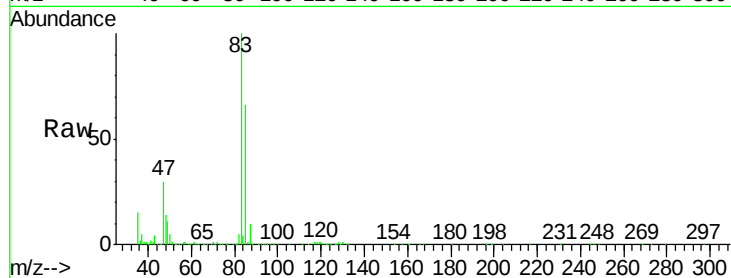
#29
Chloroform
Concen: 9.295 ppbv
RT: 5.78 min Scan# 931
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 83 Resp: 2419630
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.2

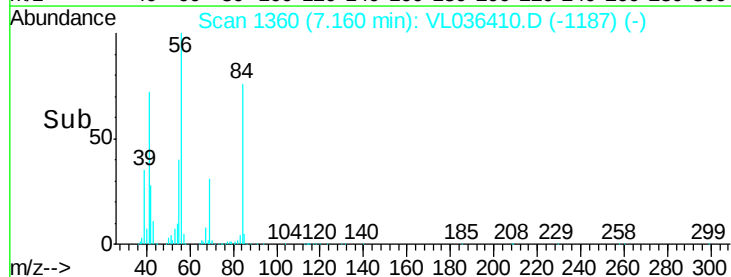
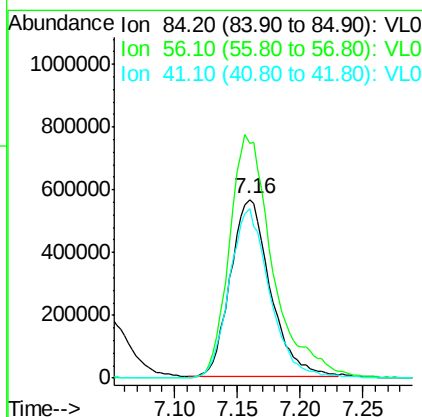
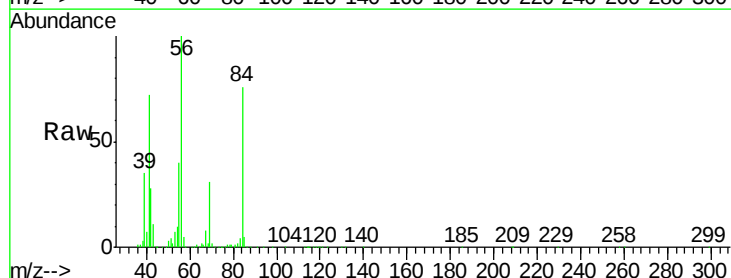
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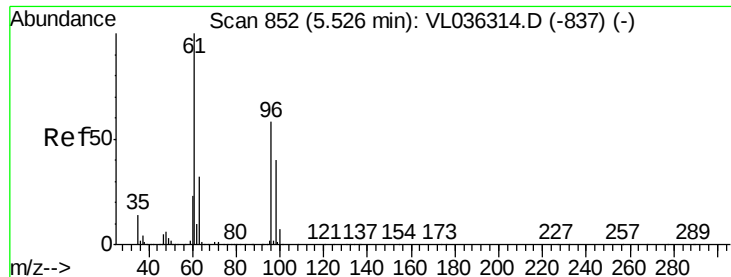
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3/2/2021 3:30:01 PM



#30
Cyclohexane
Concen: 9.391 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 84 Resp: 1262090
Ion Ratio Lower Upper
84 100
56 149.0 120.2 180.4
41 95.7 79.7 119.5





#31

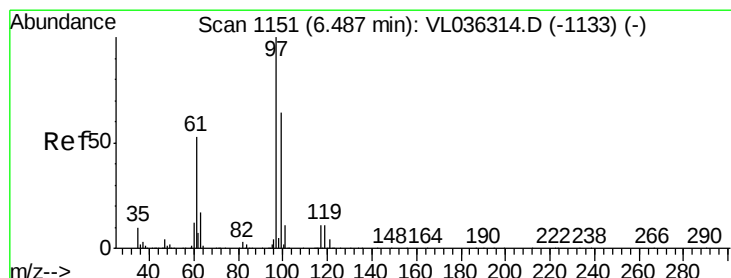
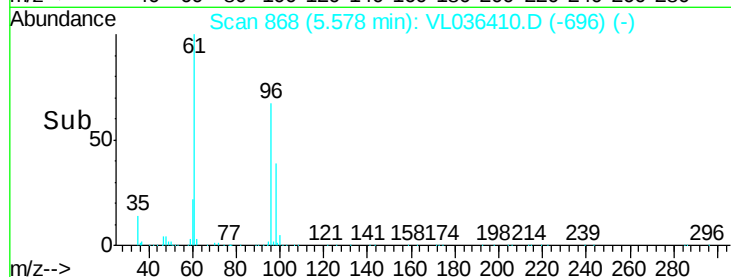
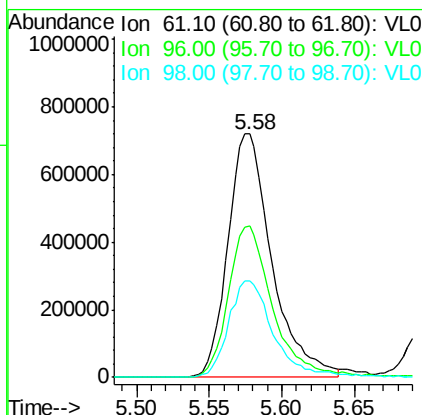
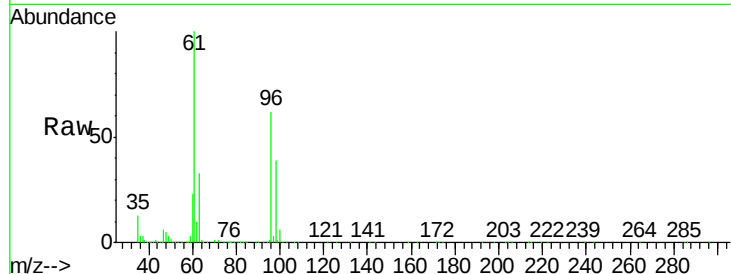
cis-1,2-Dichloroethene
Concen: 9.435 ppbv
RT: 5.58 min Scan# 868
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion	Ratio	Lower	Upper
61	100		
96	62.3	46.0	69.0
98	39.3	31.9	47.9

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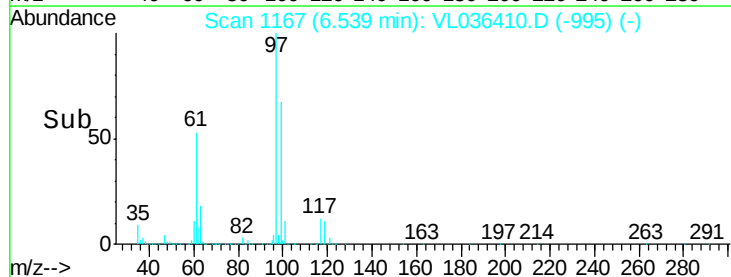
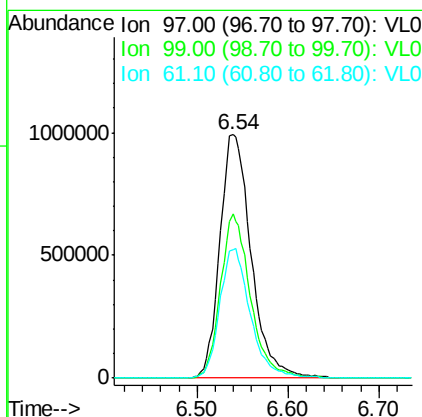
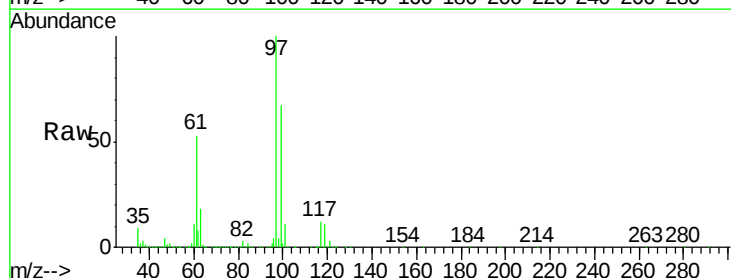
MMDadoda
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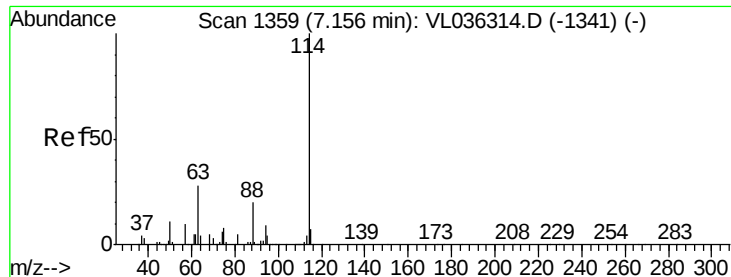


#32

1,1,1-Trichloroethane
Concen: 9.724 ppbv
RT: 6.54 min Scan# 1167
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.2	78.4
61	52.4	43.3	64.9





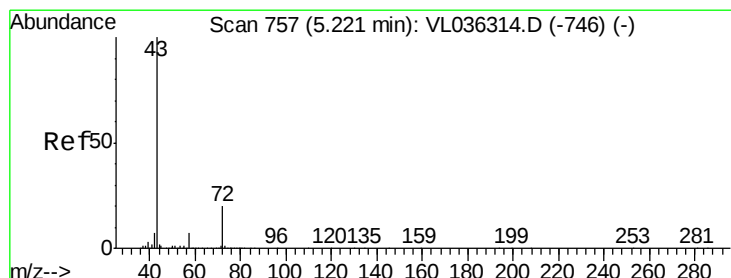
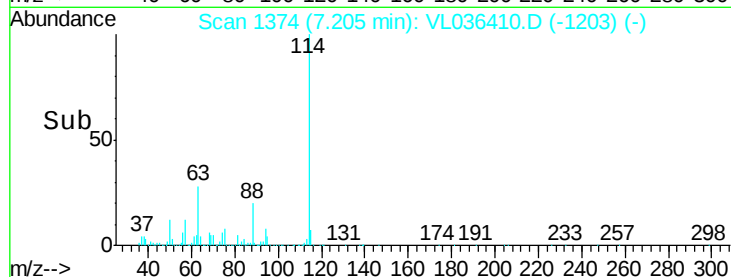
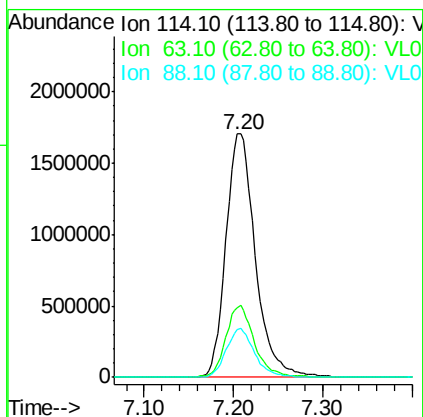
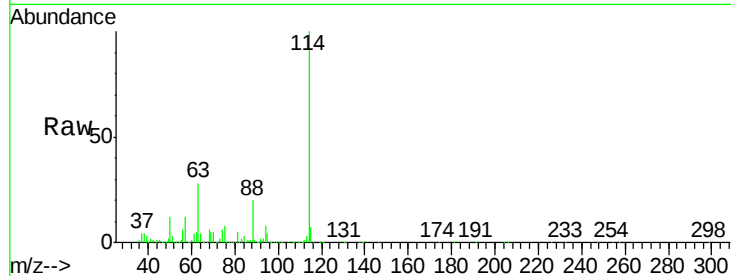
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01

Tgt Ion: 114 Resp: 3911682
 Ion Ratio Lower Upper
 114 100
 63 28.9 24.1 36.1
 88 19.4 16.0 24.0

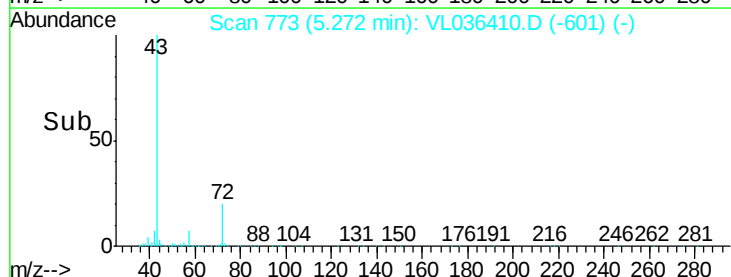
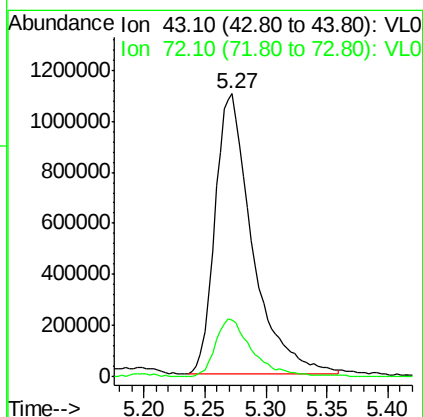
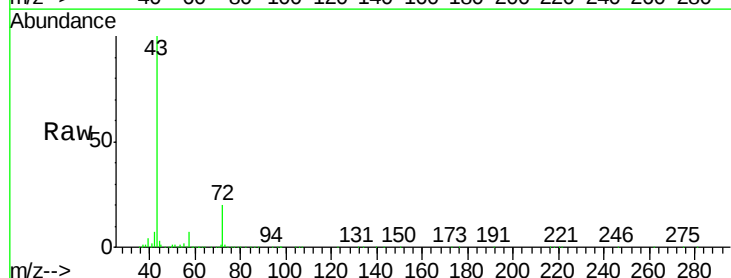
Manual Integrations
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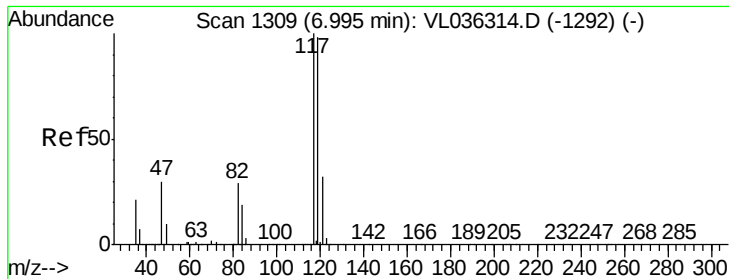
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#34
 2-Butanone
 Concen: 9.035 ppbv
 RT: 5.27 min Scan# 773
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 43 Resp: 2348319
 Ion Ratio Lower Upper
 43 100
 72 20.8 16.7 25.1





#35

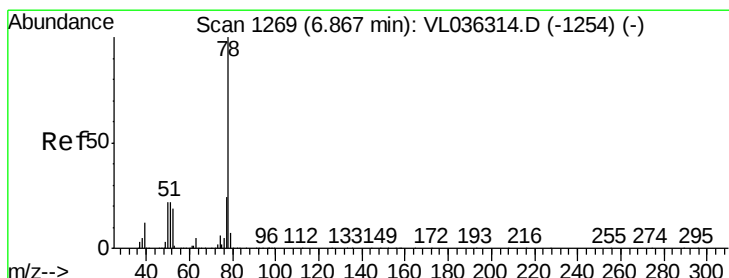
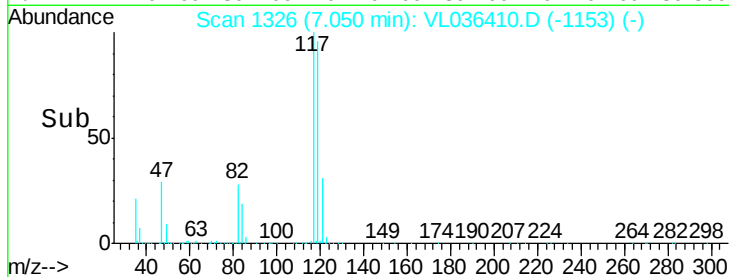
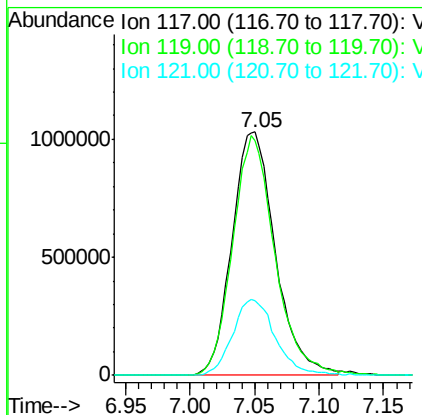
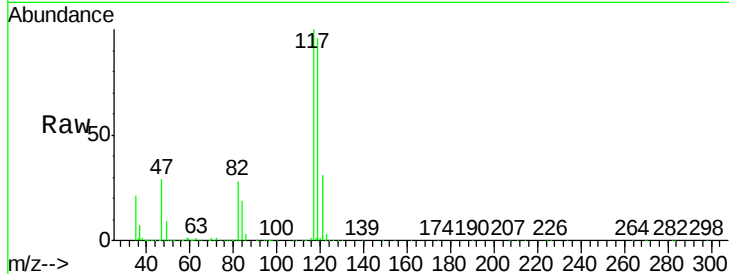
Carbon Tetrachloride
Concen: 9.179 ppbv
RT: 7.05 min Scan# 1326
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.1	117.1
121	30.6	25.8	38.8

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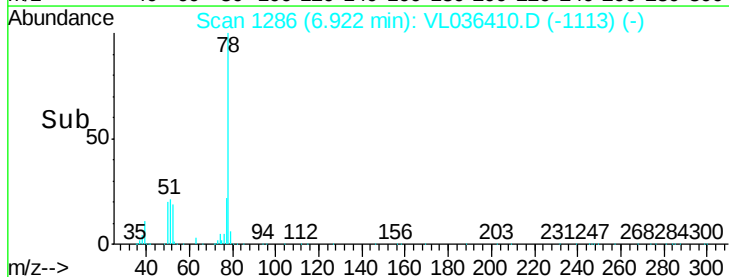
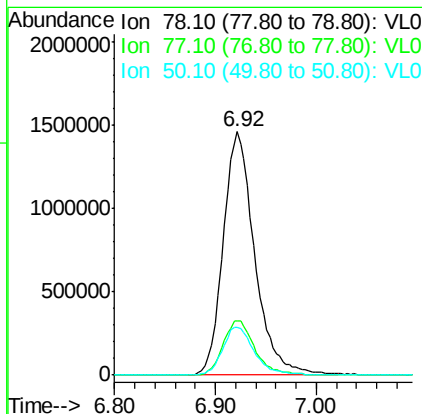
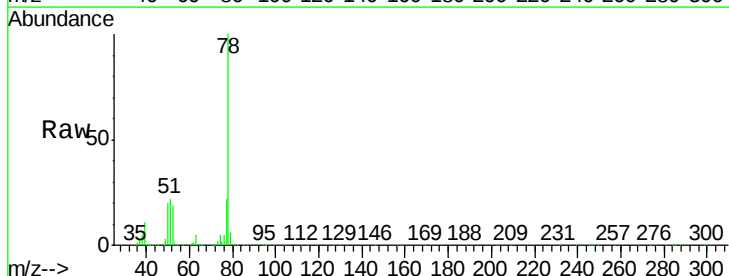
MMDadoda
3/2/2021 3:30:01 PM

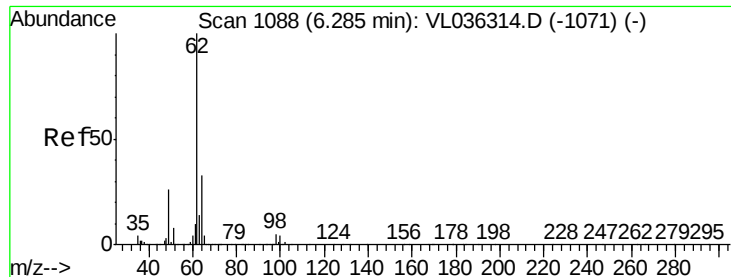


#36

Benzene
Concen: 9.568 ppbv
RT: 6.92 min Scan# 1286
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.9	28.3
50	19.6	17.3	25.9





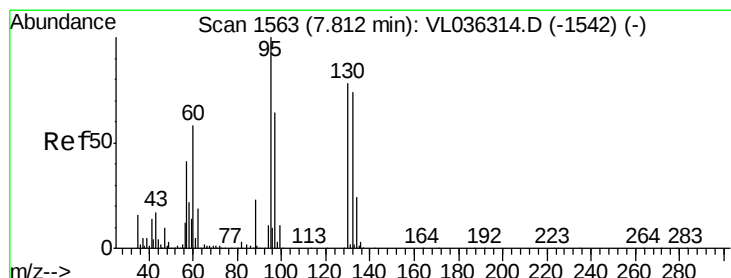
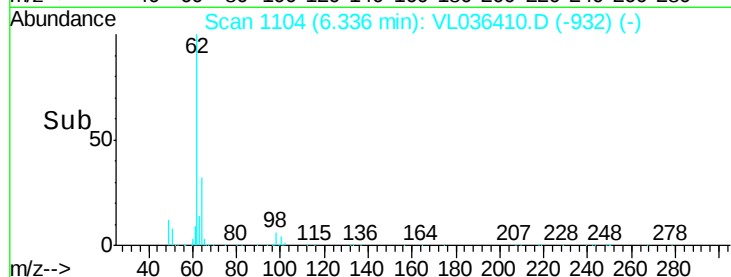
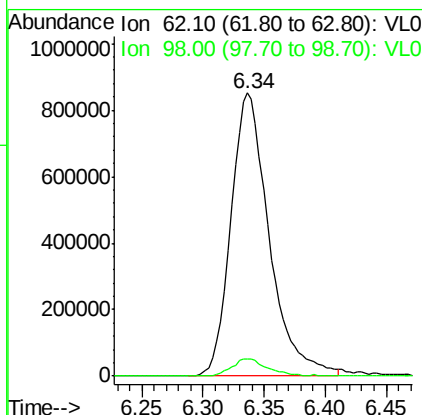
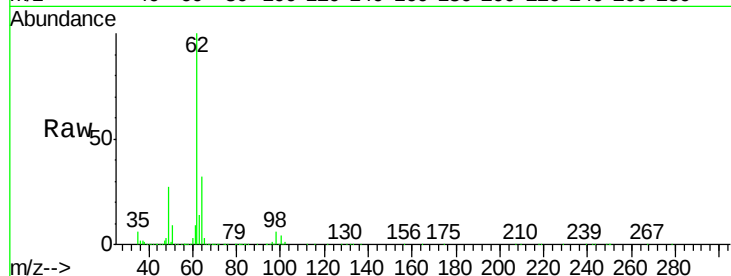
#37
1,2-Dichloroethane
Concen: 9.059 ppbv
RT: 6.34 min Scan# 1104
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.0	4.5	6.7

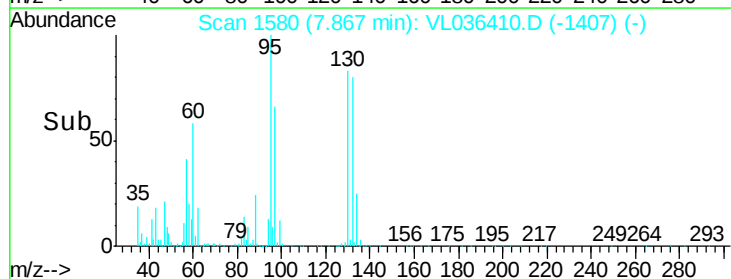
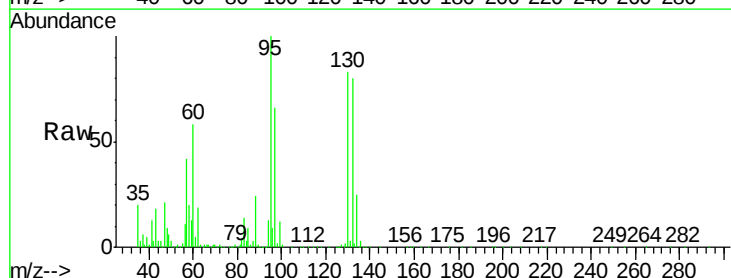
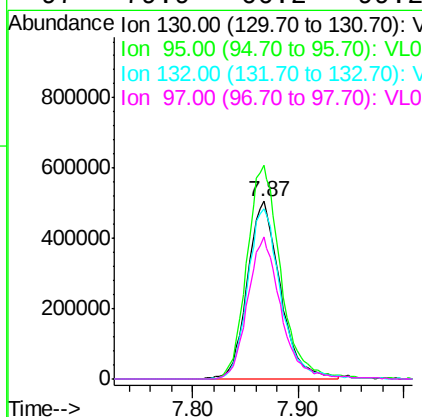
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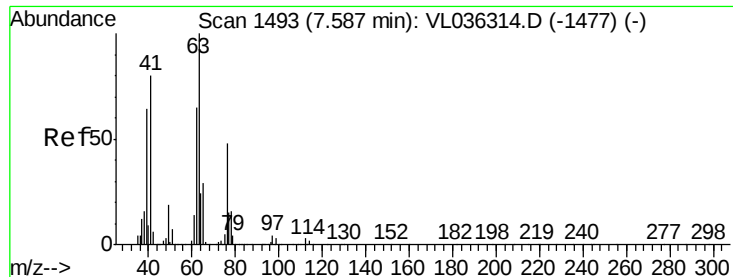
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#38
Trichloroethene
Concen: 9.221 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	120.4	102.8	154.2
132	96.0	75.7	113.5
97	79.9	66.2	99.2





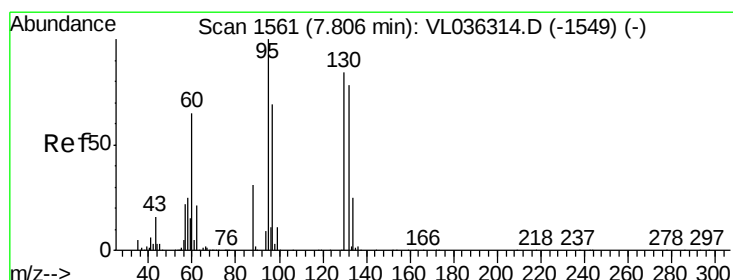
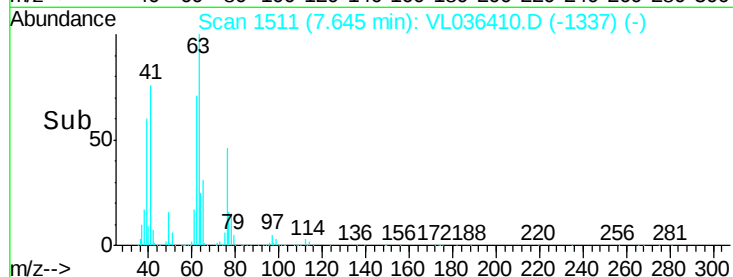
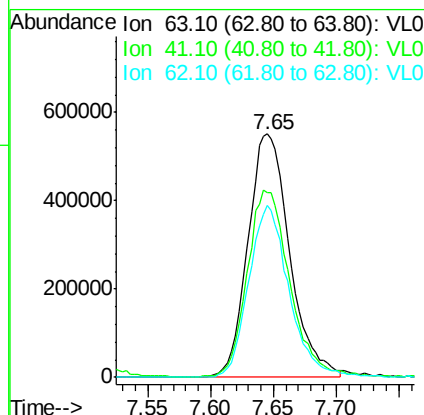
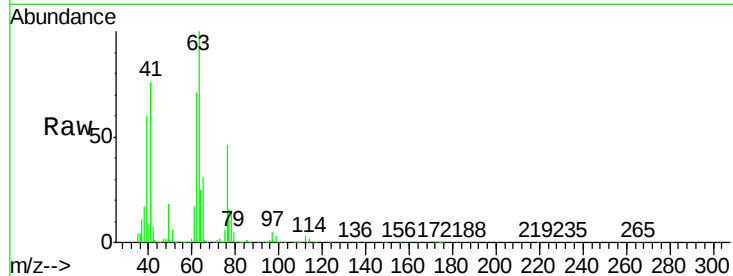
#39
 1,2-Dichloropropane
 Concen: 9.451 ppbv
 RT: 7.65 min Scan# 1511
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01

Tgt Ion: 63 Resp: 1275706
 Ion Ratio Lower Upper
 63 100
 41 75.7 63.8 95.6
 62 70.7 52.3 78.5

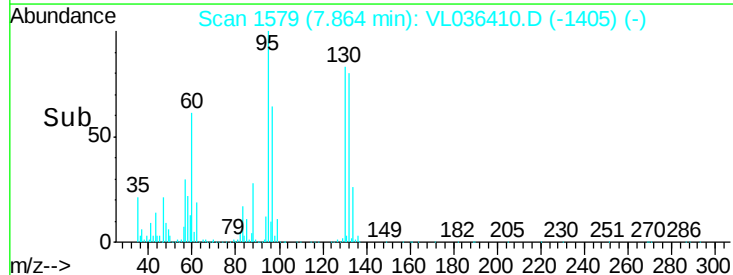
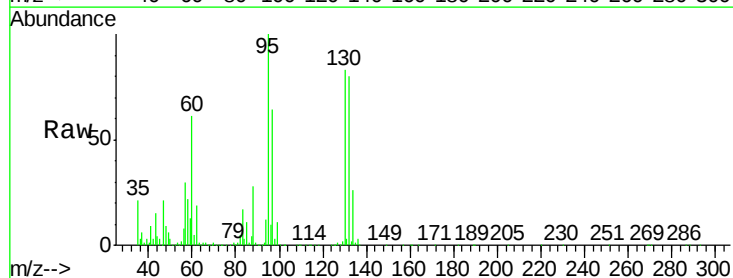
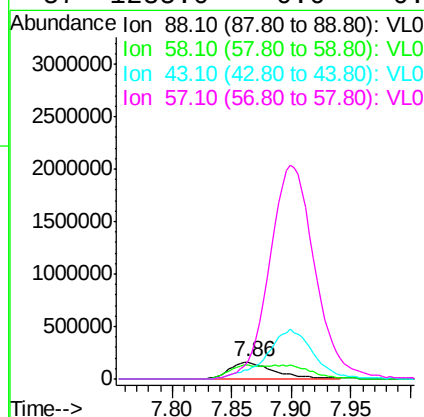
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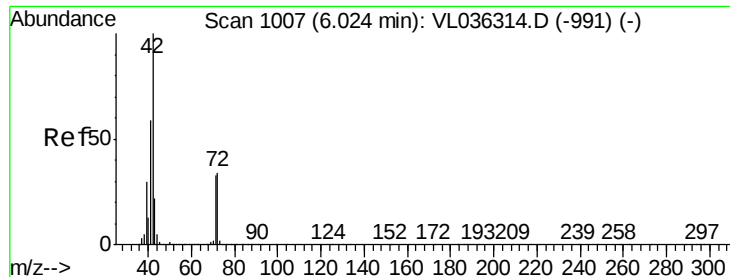
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 3/2/2021 3:30:01 PM



#40
 1,4-Dioxane
 Concen: 8.986 ppbv
 RT: 7.86 min Scan# 1579
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 88 Resp: 420263
 Ion Ratio Lower Upper
 88 100
 58 141.3 45.0 67.4#
 43 310.0 0.0 0.0#
 57 1285.0 0.0 0.0#





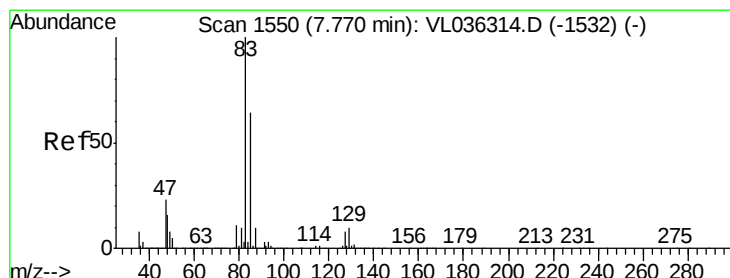
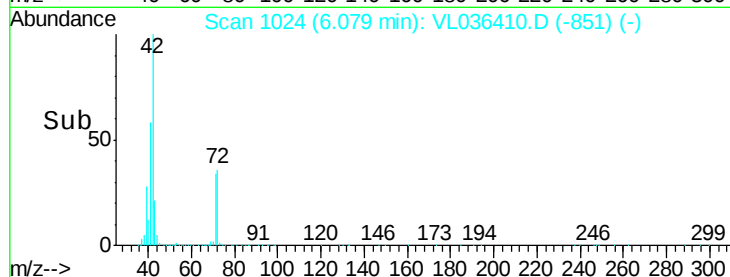
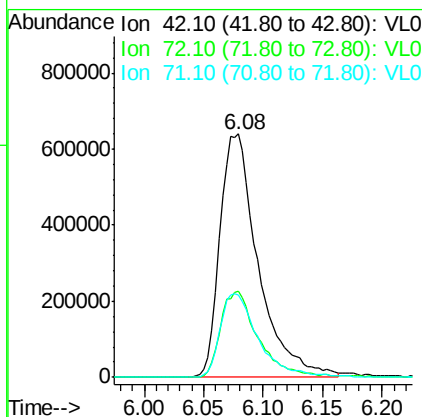
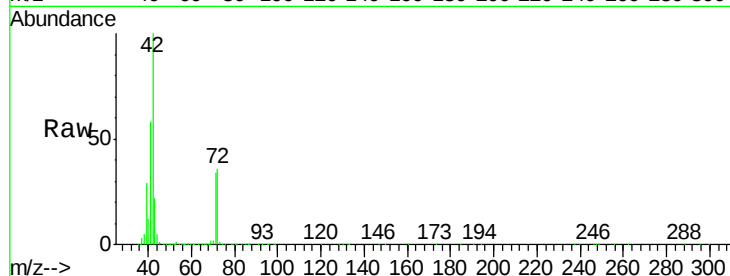
#41
Tetrahydrofuran
Concen: 9.855 ppbv
RT: 6.08 min Scan# 1024
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	35.4	29.3	43.9
71	34.7	27.8	41.8

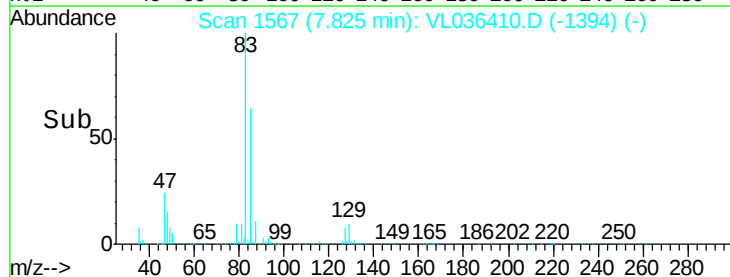
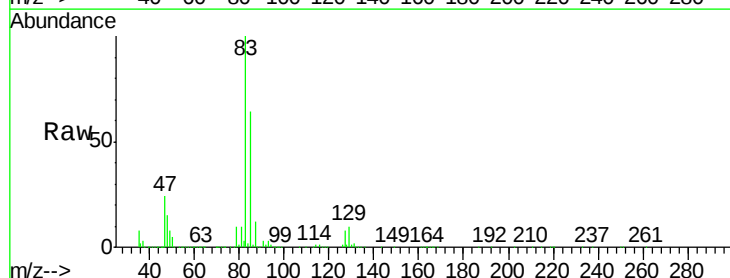
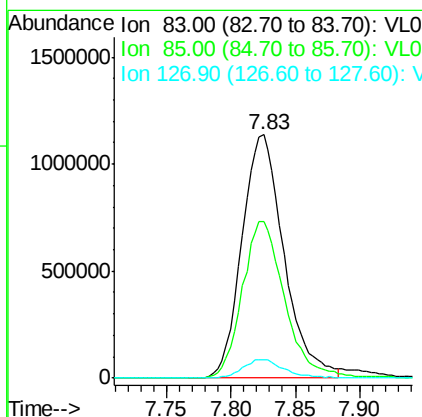
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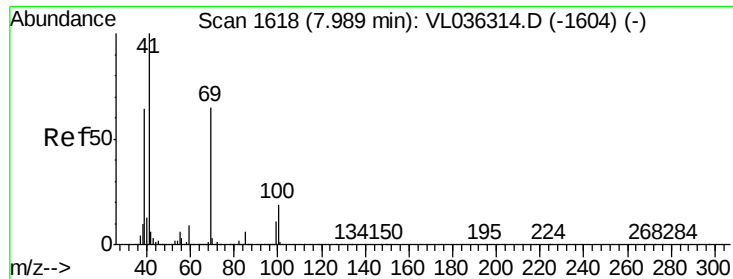
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3/2/2021 3:30:01 PM



#42
Bromodichloromethane
Concen: 9.393 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.1	76.7
127	7.7	6.3	9.5





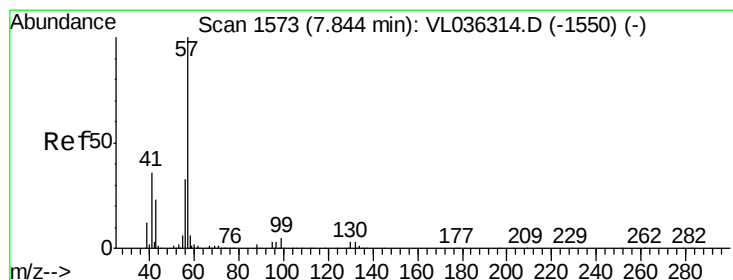
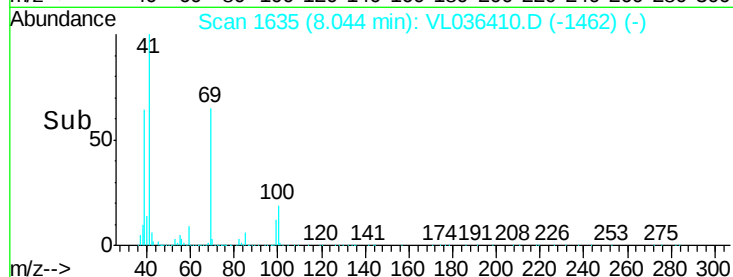
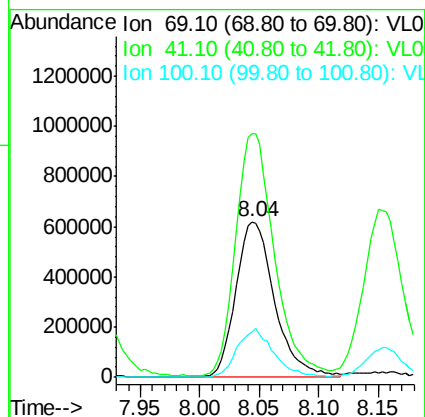
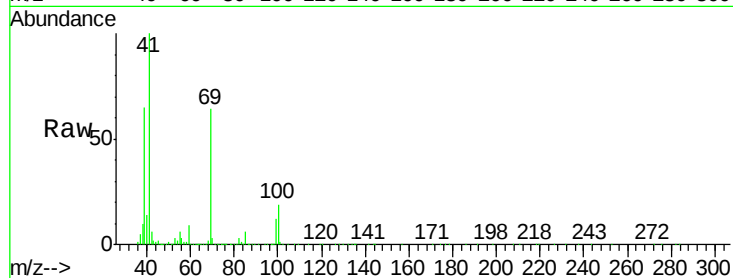
#43
Methyl Methacrylate
Concen: 9.966 ppbv
RT: 8.04 min Scan# 1635
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 69 Resp: 1396548
Ion Ratio Lower Upper
69 100
41 157.8 126.5 189.7
100 29.8 23.1 34.7

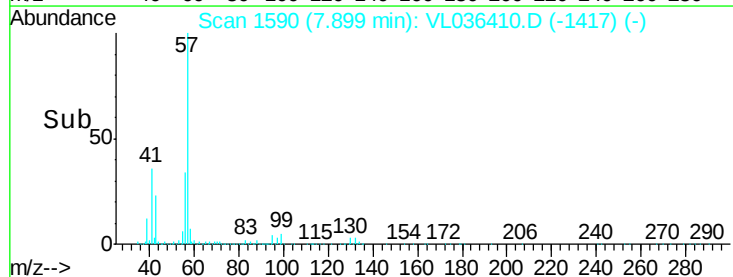
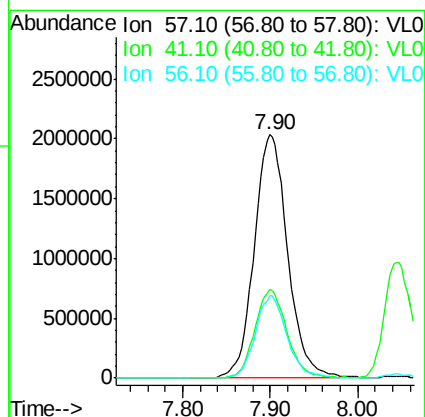
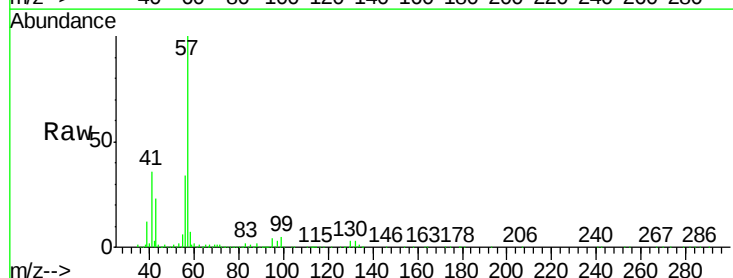
Manual Integrations
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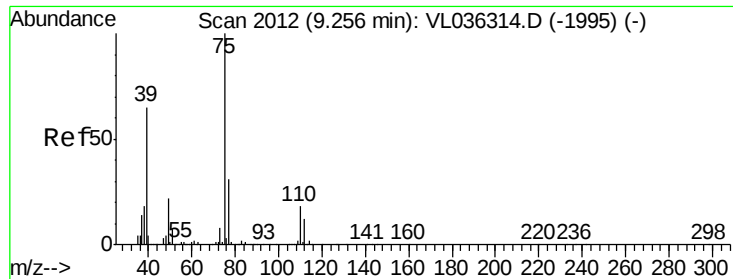
MMDadoda
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#44
2,2,4-Trimethylpentane
Concen: 8.904 ppbv
RT: 7.90 min Scan# 1590
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 57 Resp: 5379984
Ion Ratio Lower Upper
57 100
41 34.9 28.8 43.2
56 32.2 25.8 38.6





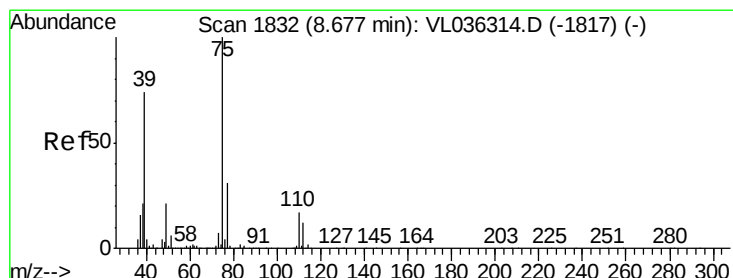
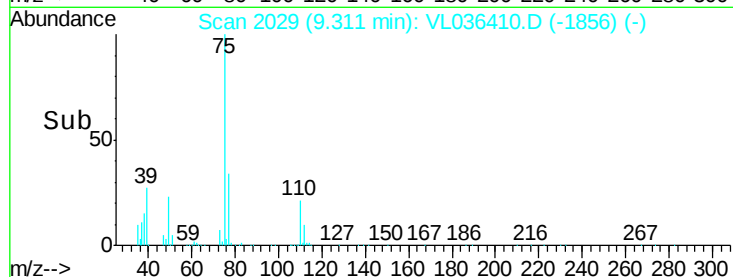
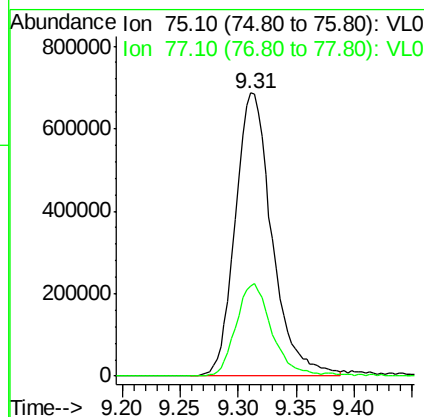
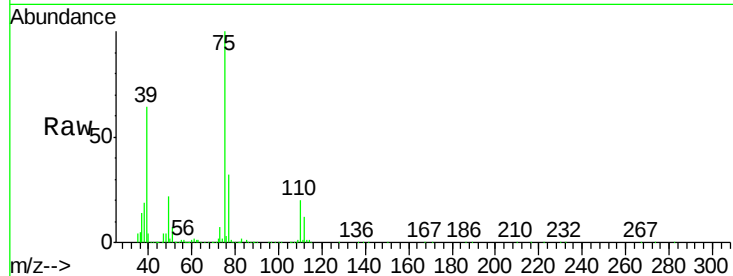
#45
t-1,3-Dichloropropene
Concen: 11.123 ppbv
RT: 9.31 min Scan# 2029
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 75 Resp: 1503623
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0

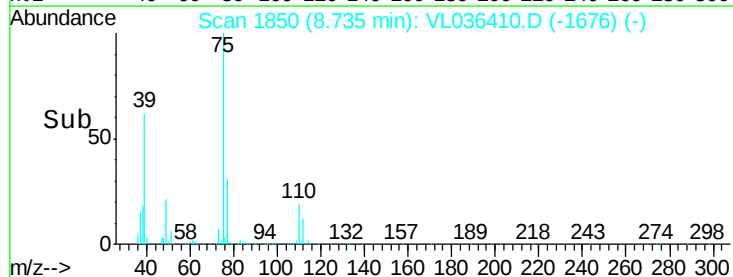
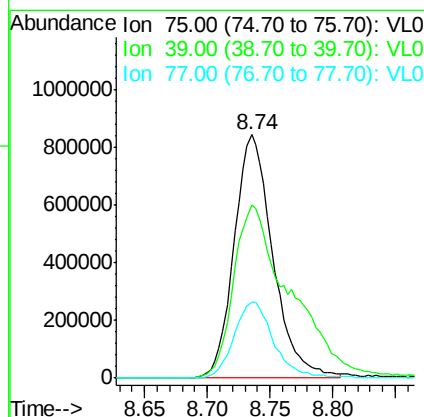
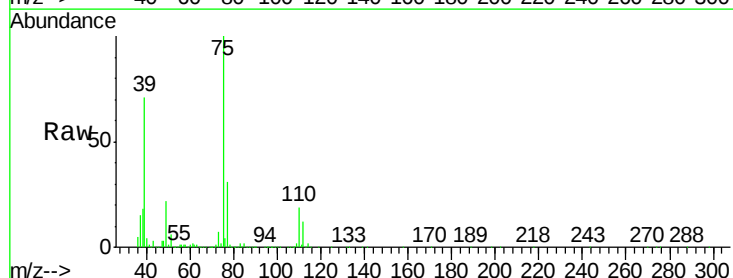
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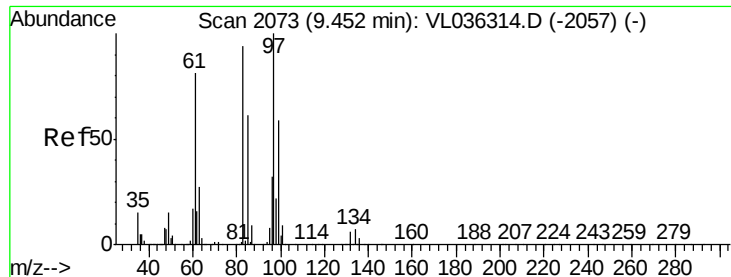
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 10.490 ppbv
RT: 8.74 min Scan# 1850
Delta R.T. 0.06 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 75 Resp: 1801424
Ion Ratio Lower Upper
75 100
39 71.0 59.2 88.8
77 31.0 25.0 37.6





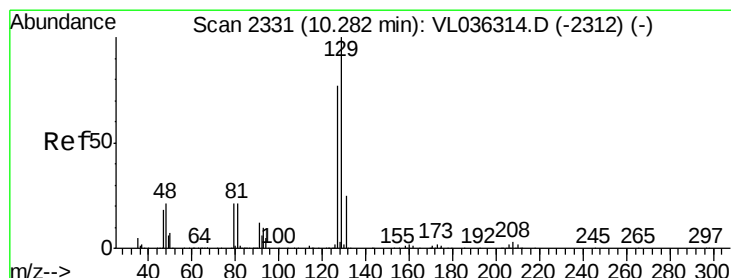
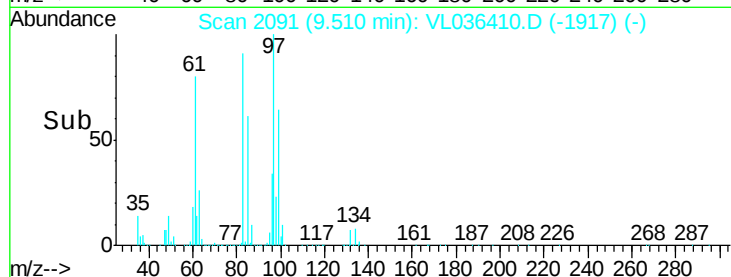
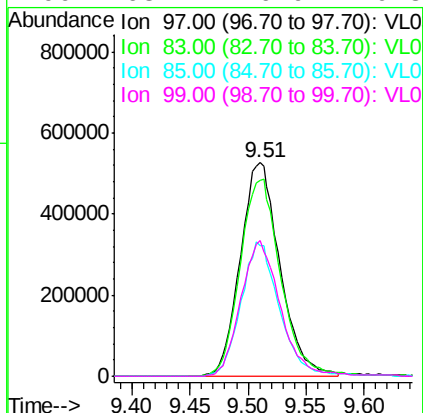
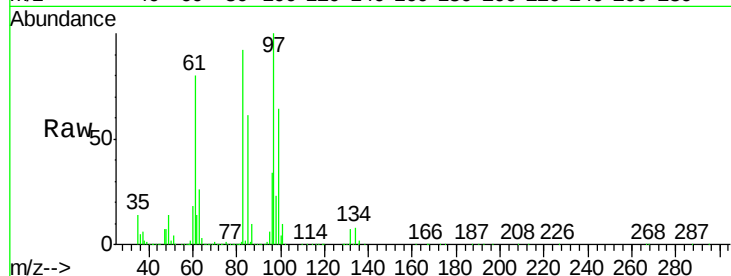
#47
 1,1,2-Trichloroethane
 Concen: 9.072 ppbv
 RT: 9.51 min Scan# 2091
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01

Tgt Ion: 97 Resp: 1253199
 Ion Ratio Lower Upper
 97 100
 83 91.5 75.4 113.0
 85 61.1 48.9 73.3
 99 63.7 46.9 70.3

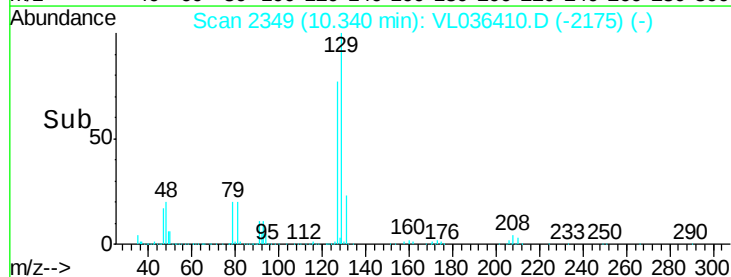
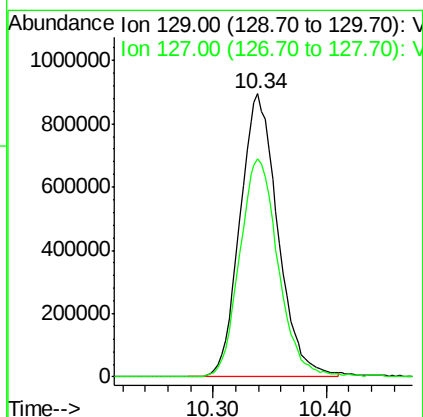
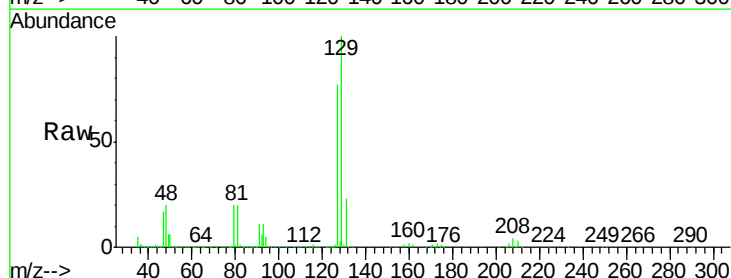
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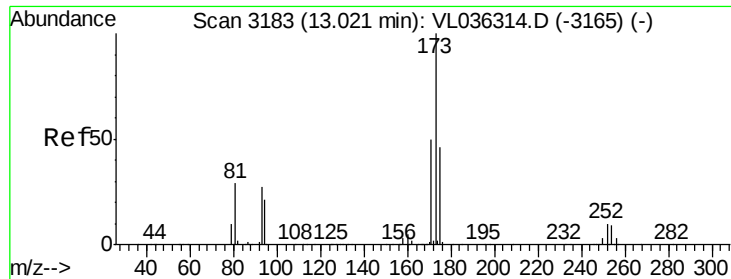
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#48
 Dibromochloromethane
 Concen: 10.090 ppbv
 RT: 10.34 min Scan# 2349
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 129 Resp: 2079794
 Ion Ratio Lower Upper
 129 100
 127 78.7 39.1 117.2





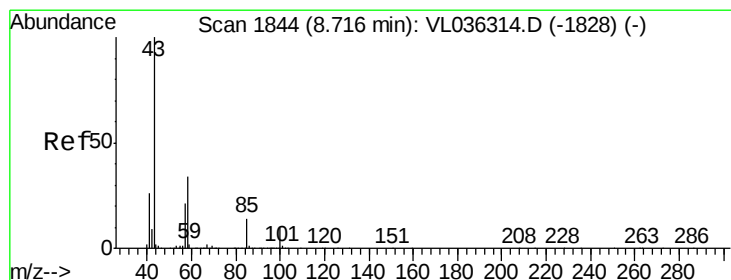
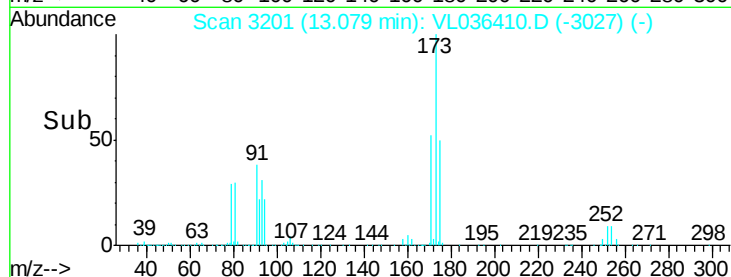
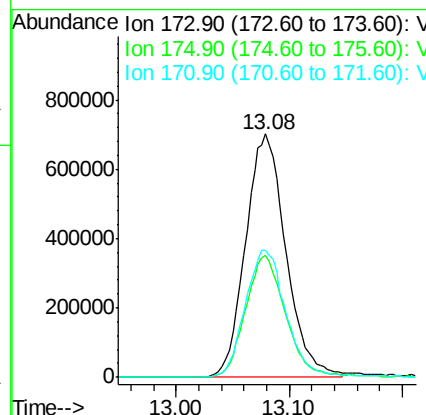
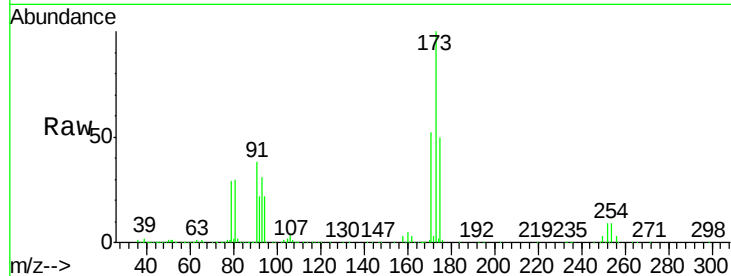
#49
Bromoform
Concen: 10.417 ppbv
RT: 13.08 min Scan# 3201
Delta R.T. 0.06 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 173 Resp: 1735798
Ion Ratio Lower Upper
173 100
175 49.9 40.2 60.2
171 53.4 43.4 65.2

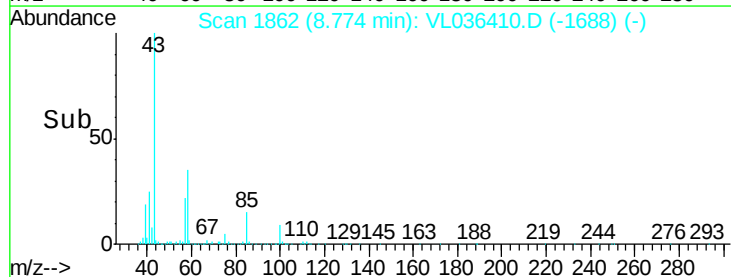
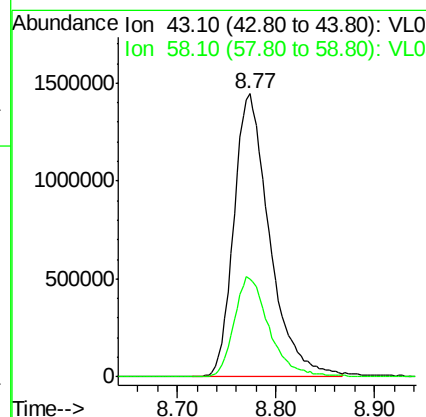
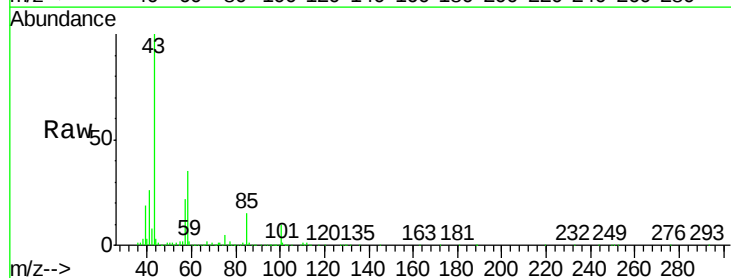
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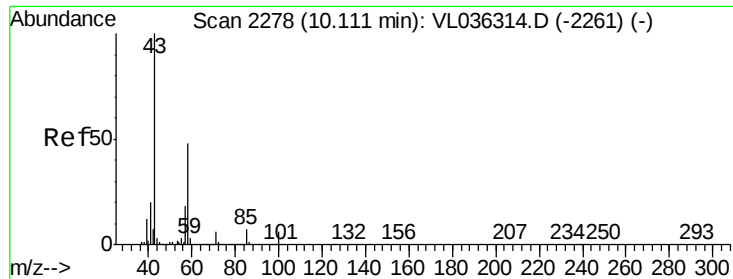
MMDadoda
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#50
4-Methyl-2-Pentanone
Concen: 9.443 ppbv
RT: 8.77 min Scan# 1862
Delta R.T. 0.06 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 43 Resp: 3643435
Ion Ratio Lower Upper
43 100
58 35.2 27.8 41.6





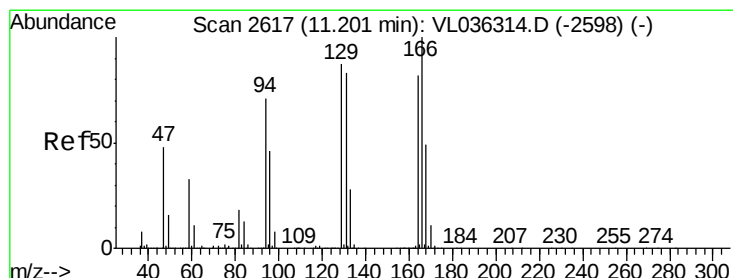
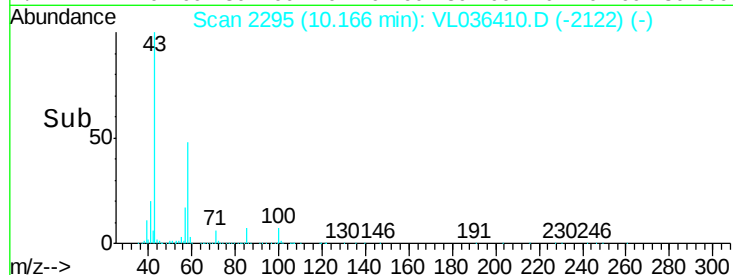
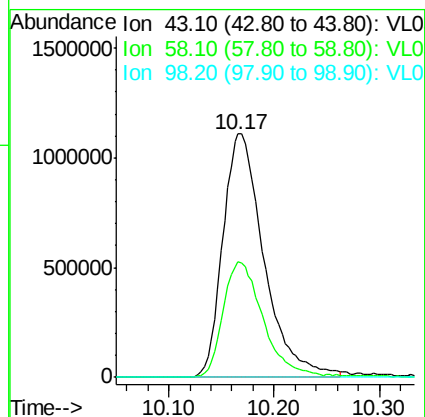
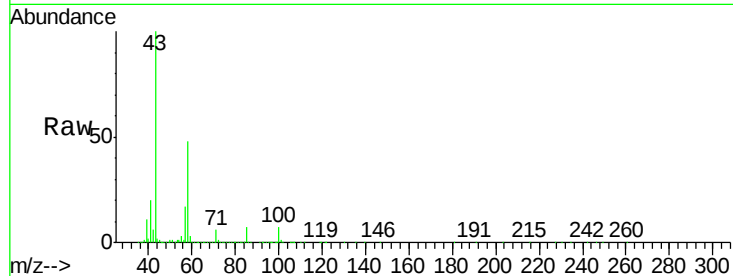
#51
2-Hexanone
Concen: 10.123 ppbv
RT: 10.17 min Scan# 2295
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 43 Resp: 2967860
Ion Ratio Lower Upper
43 100
58 48.0 38.7 58.1
98 0.5 0.4 0.6

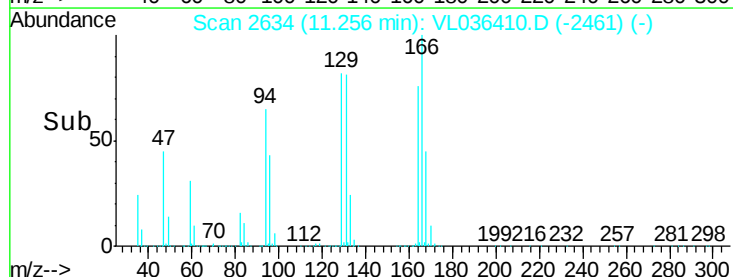
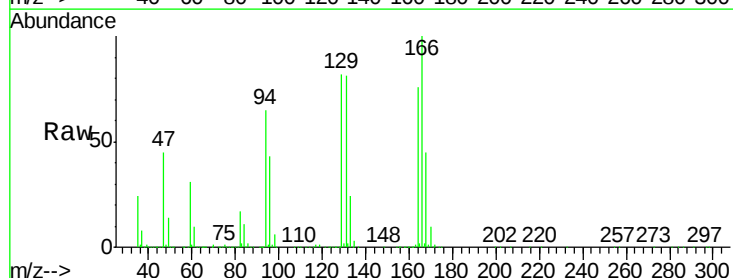
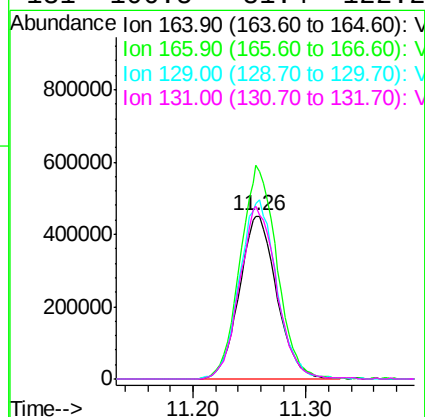
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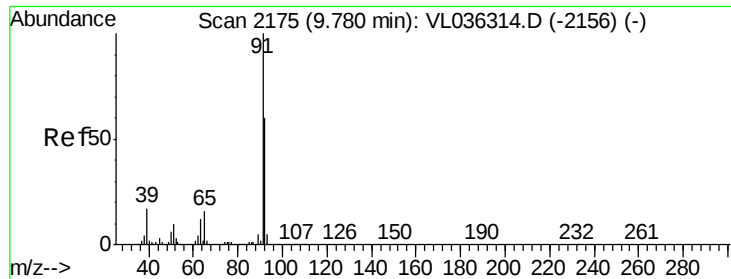
MMDadoda
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#52
Tetrachloroethene
Concen: 8.474 ppbv
RT: 11.26 min Scan# 2634
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 164 Resp: 1030847
Ion Ratio Lower Upper
164 100
166 131.3 97.8 146.8
129 107.3 84.9 127.3
131 106.5 81.4 122.2





#53

Toluene

Concen: 9.783 ppbv

RT: 9.84 min Scan# 2194

Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

Tgt Ion: 91 Resp: 3521238

Ion Ratio Lower Upper

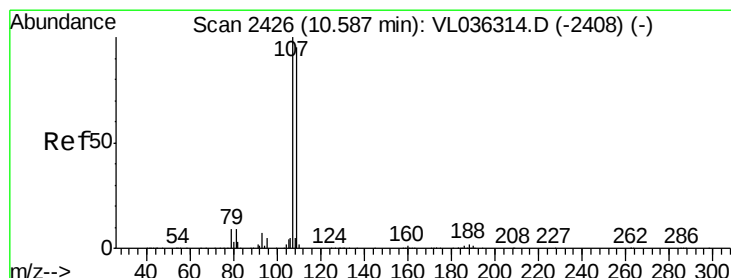
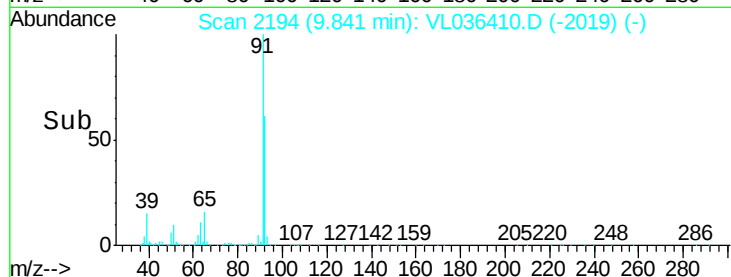
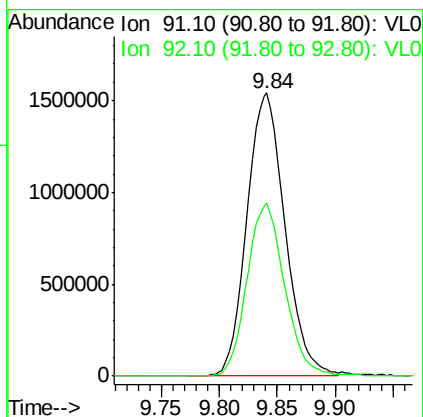
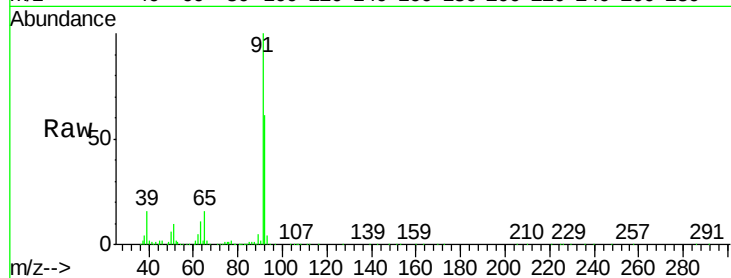
91 100

92 60.7 48.6 72.8

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#54

1,2-Dibromoethane

Concen: 9.407 ppbv

RT: 10.65 min Scan# 2445

Delta R.T. 0.06 min

Lab File: VL036410.D

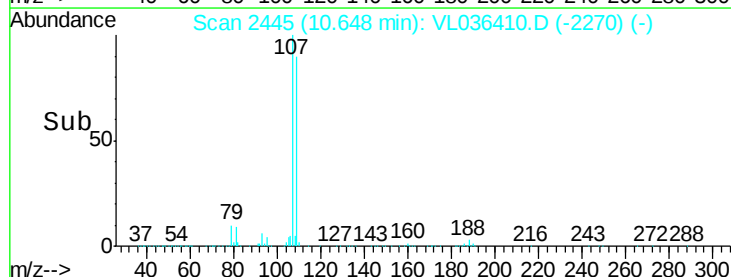
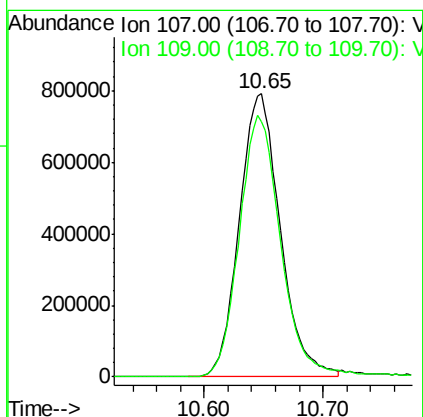
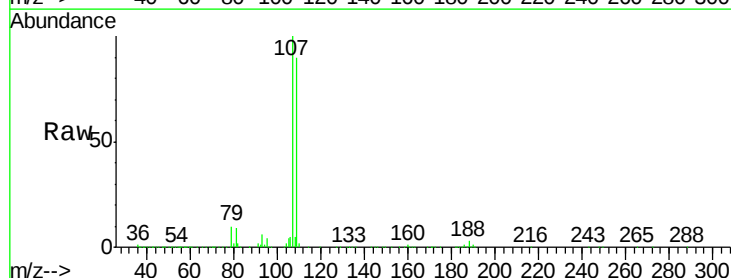
Acq: 1 Mar 2021 11:33

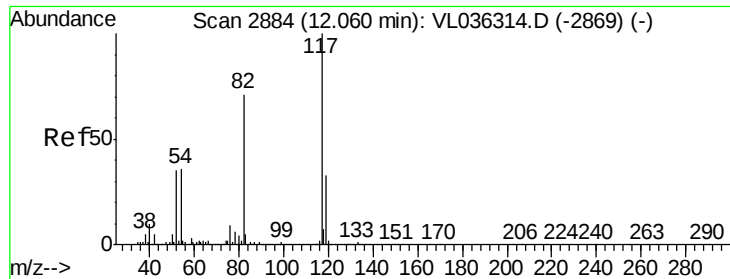
Tgt Ion: 107 Resp: 1877807

Ion Ratio Lower Upper

107 100

109 90.3 76.0 114.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.12 min Scan# 2903

Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

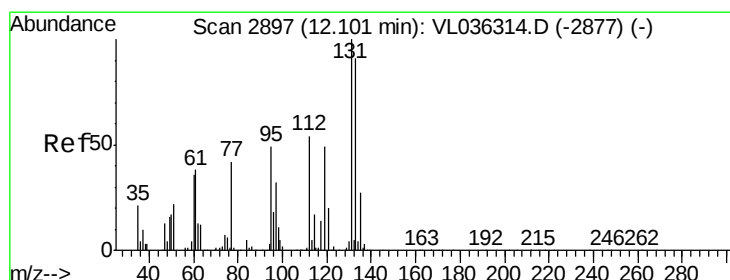
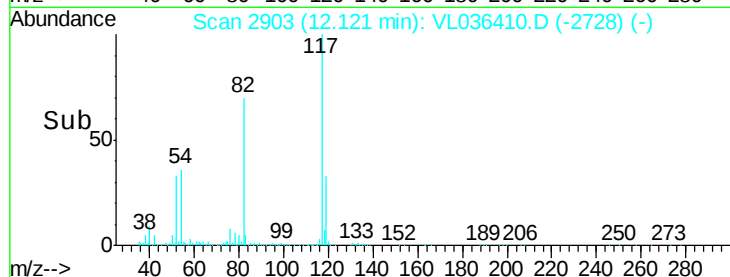
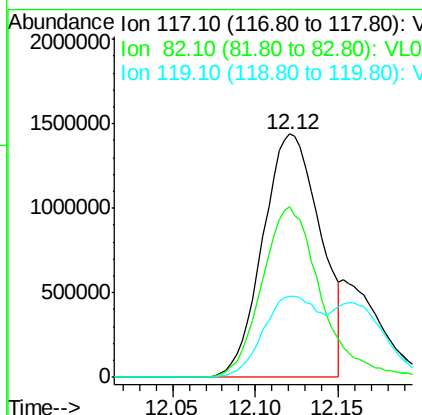
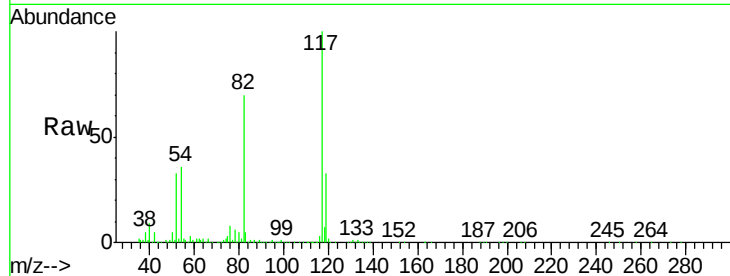
VL0301ABS01

Tgt Ion:117 Resp: 3472765

Ion	Ratio	Lower	Upper
117	100		
82	72.6	59.1	88.7
119	31.2	46.3	69.5#

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#56

1,1,1,2-Tetrachloroethane

Concen: 9.651 ppbv

RT: 12.16 min Scan# 2916

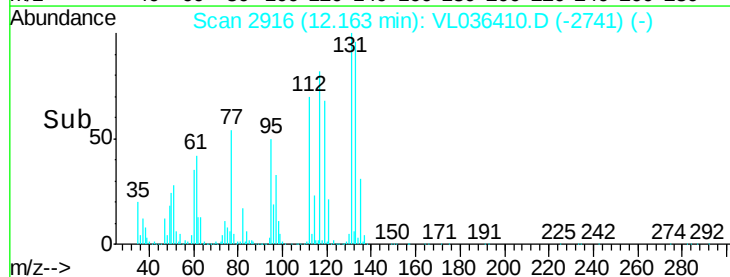
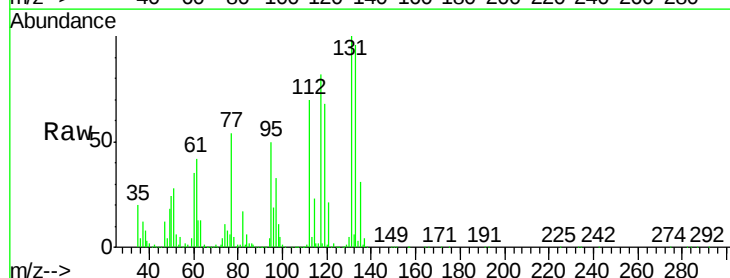
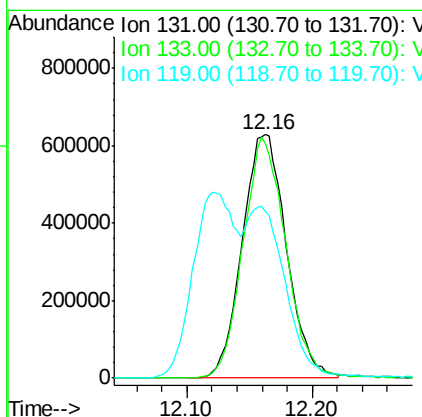
Delta R.T. 0.06 min

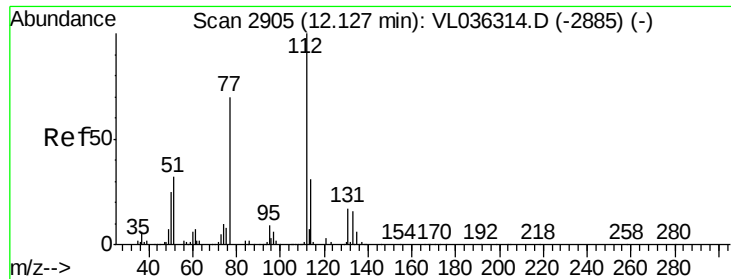
Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Tgt Ion:131 Resp: 1541602

Ion	Ratio	Lower	Upper
131	100		
133	96.3	76.0	114.0
119	63.3	115.1	172.7#





#57

Chlorobenzene

Concen: 9.375 ppbv

RT: 12.19 min Scan# 2923

Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

Tgt Ion: 112 Resp: 2515355

Ion Ratio Lower Upper

112 100

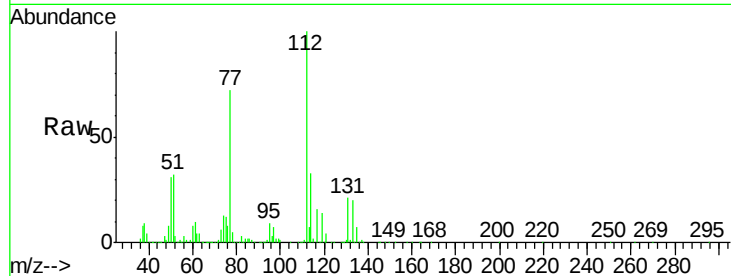
77 70.9 56.1 84.1

114 32.7 28.3 34.5

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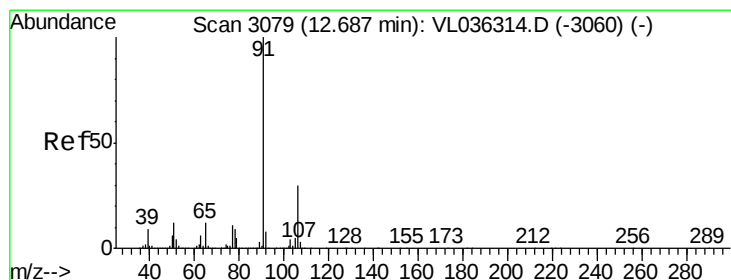
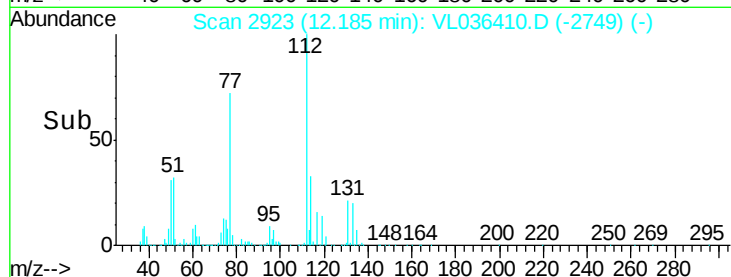
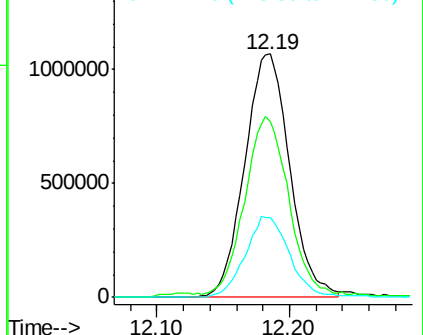
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Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 9.898 ppbv

RT: 12.74 min Scan# 3097

Delta R.T. 0.06 min

Lab File: VL036410.D

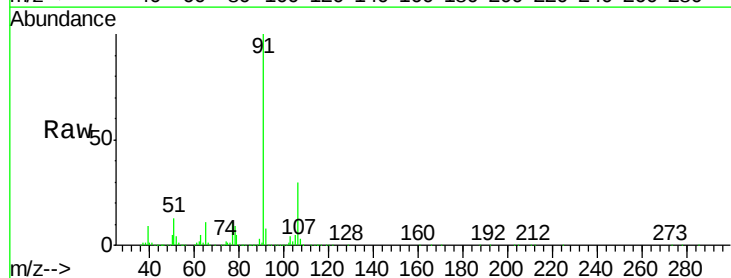
Acq: 1 Mar 2021 11:33

Tgt Ion: 91 Resp: 4706682

Ion Ratio Lower Upper

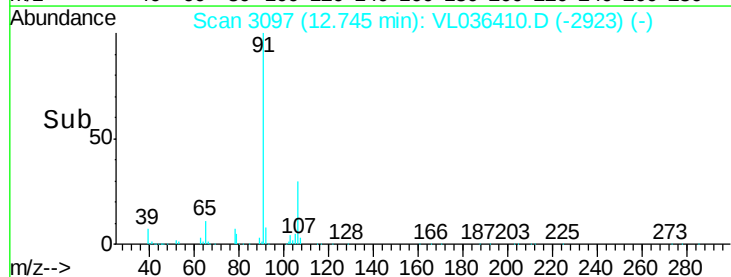
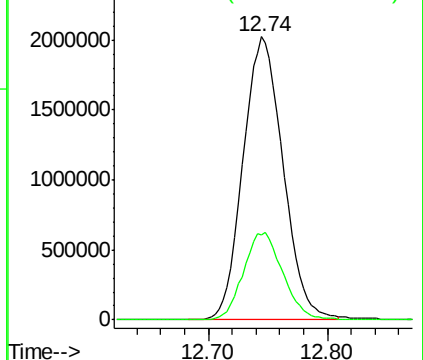
91 100

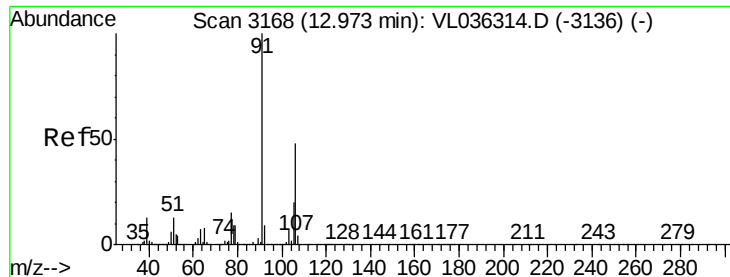
106 30.2 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





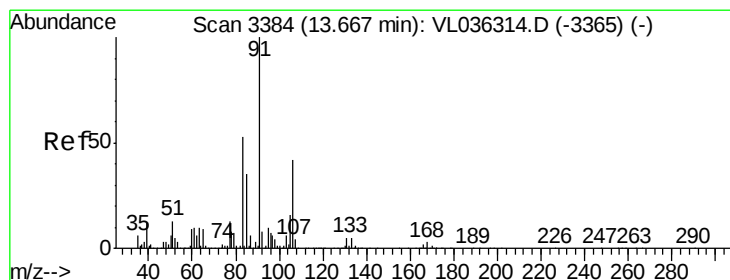
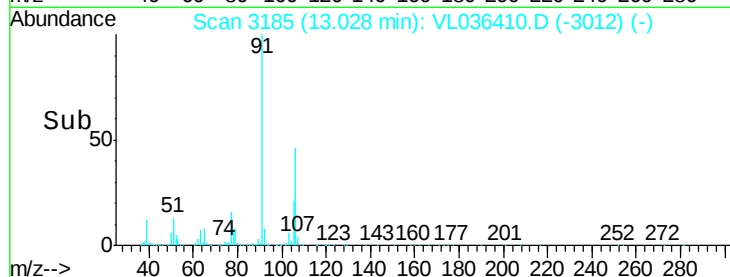
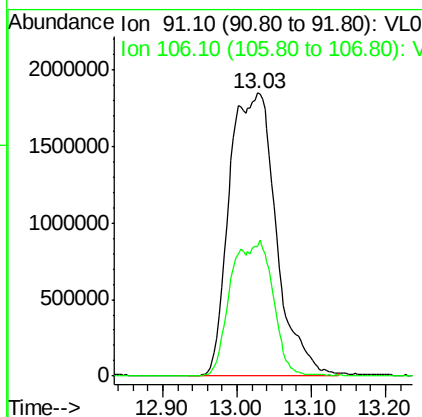
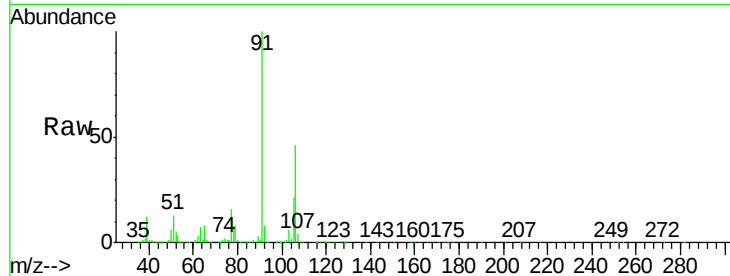
#59
m/p-Xylene
Concen: 19.314 ppbv m
RT: 13.03 min Scan# 3185
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 91 Resp: 8067496
Ion Ratio Lower Upper
91 100
106 43.4 34.2 51.2

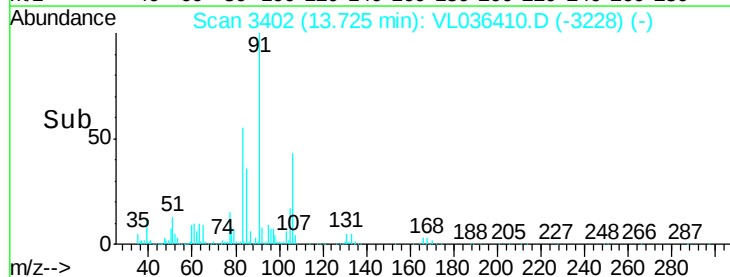
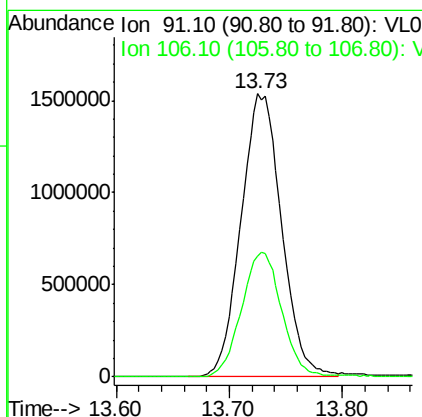
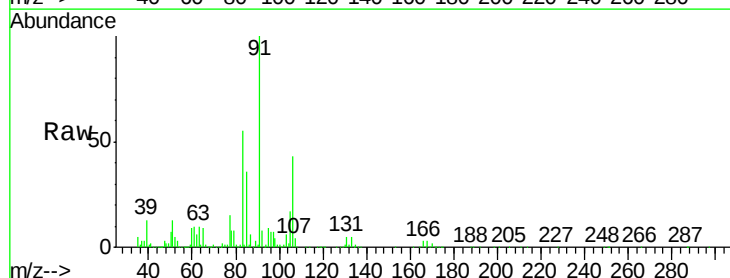
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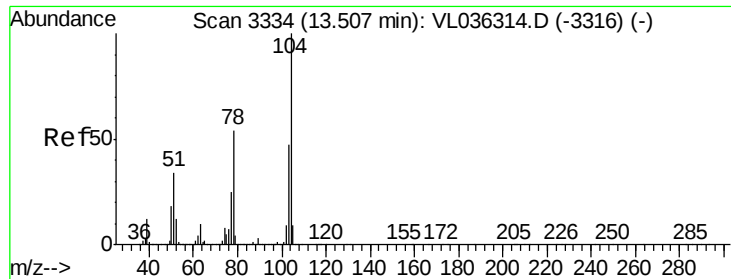
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#60
o-Xylene
Concen: 9.567 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. 0.06 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 91 Resp: 3820864
Ion Ratio Lower Upper
91 100
106 44.1 22.0 66.0





#61

Styrene

Concen: 10.988 ppbv

RT: 13.56 min Scan# 3351

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

Tgt Ion:104 Resp: 2719588

Ion Ratio Lower Upper

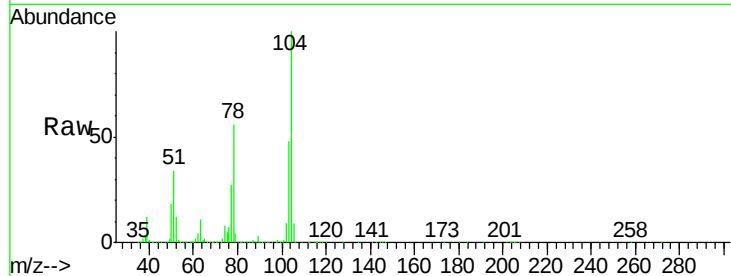
104 100

78 56.7 46.2 69.2

103 48.1 38.3 57.5

Manual Integrations
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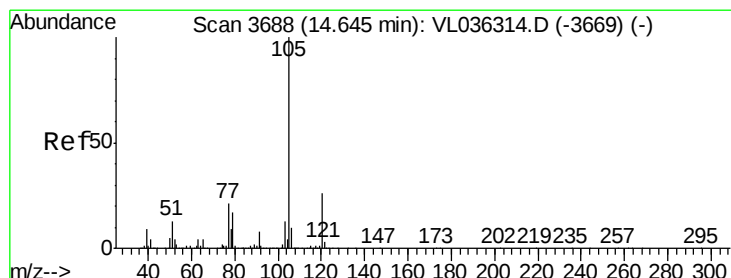
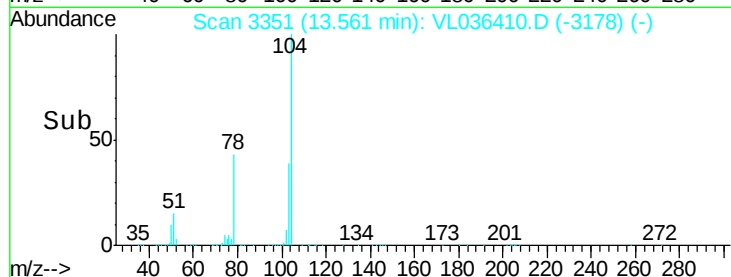
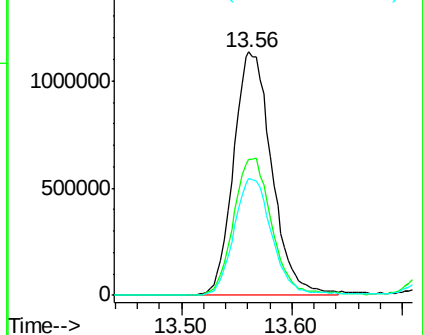
MMDadoda
3/2/2021 3:30:01 PM



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.421 ppbv

RT: 14.70 min Scan# 3706

Delta R.T. 0.06 min

Lab File: VL036410.D

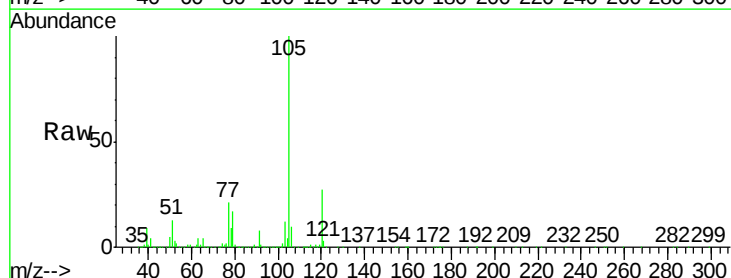
Acq: 1 Mar 2021 11:33

Tgt Ion:105 Resp: 5639602

Ion Ratio Lower Upper

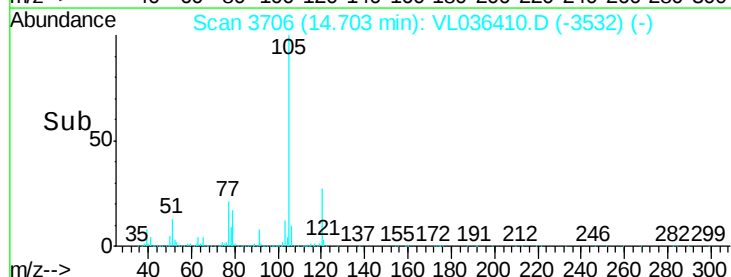
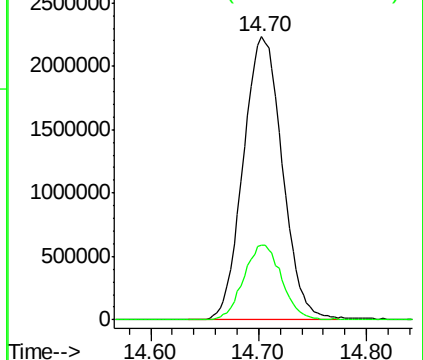
105 100

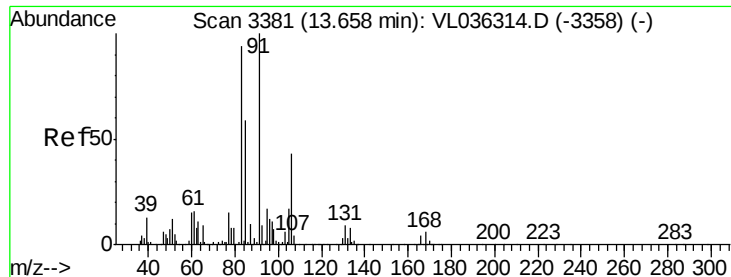
120 26.0 20.6 30.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 8.720 ppbv

RT: 13.71 min Scan# 3398

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

Tgt Ion: 83 Resp: 2747696

Ion Ratio Lower Upper

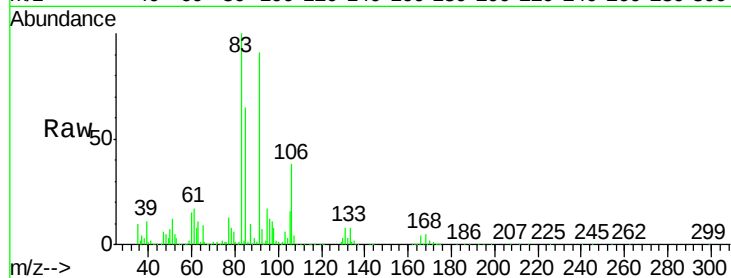
83 100

131 9.0 4.7 14.0

85 65.8 33.0 98.9

Manual Integrations
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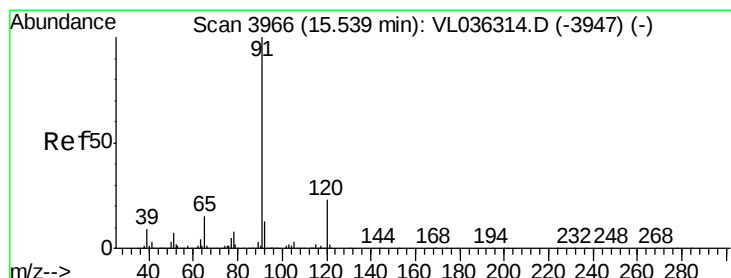
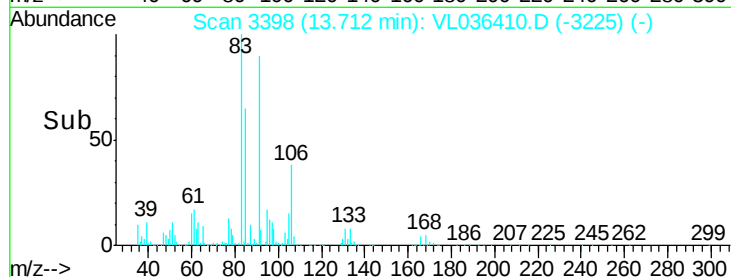
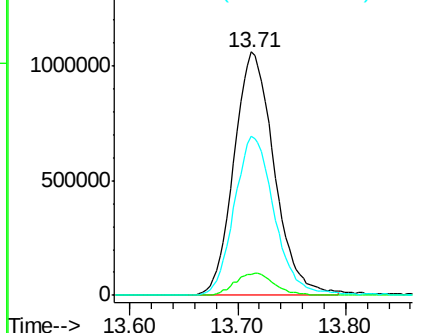
MMDadoda
3/2/2021 3:30:01 PM



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 10.022 ppbv

RT: 15.60 min Scan# 3984

Delta R.T. 0.06 min

Lab File: VL036410.D

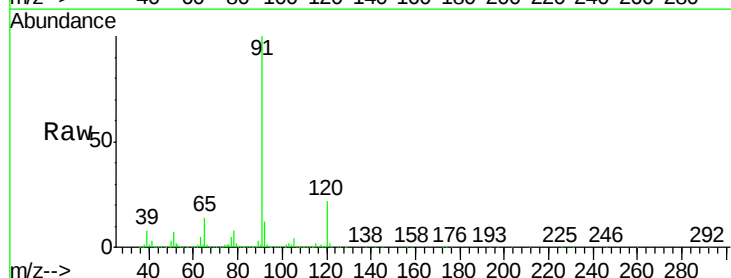
Acq: 1 Mar 2021 11:33

Tgt Ion: 120 Resp: 1476600

Ion Ratio Lower Upper

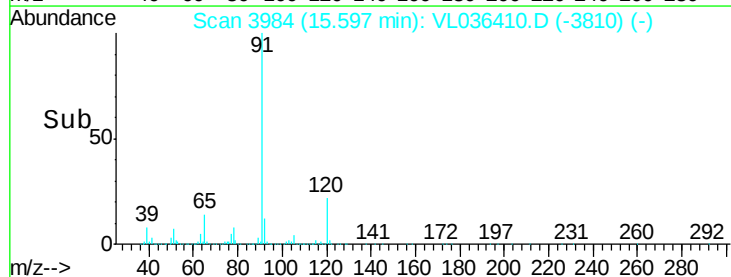
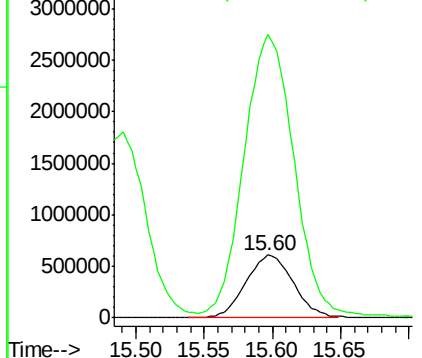
120 100

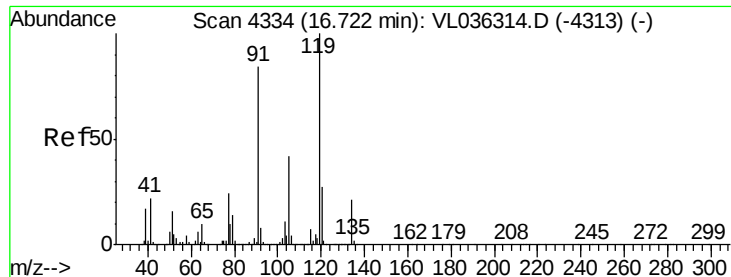
91 478.1 387.2 580.8



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0





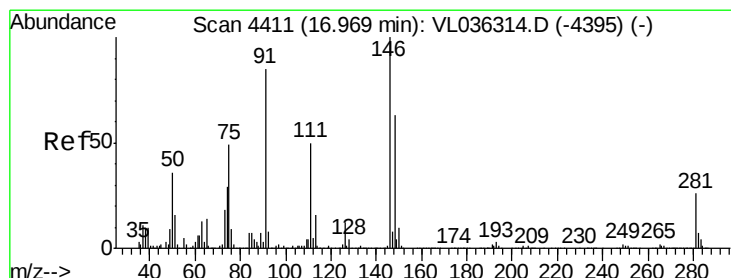
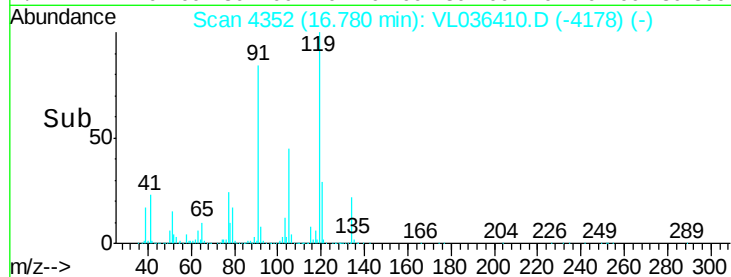
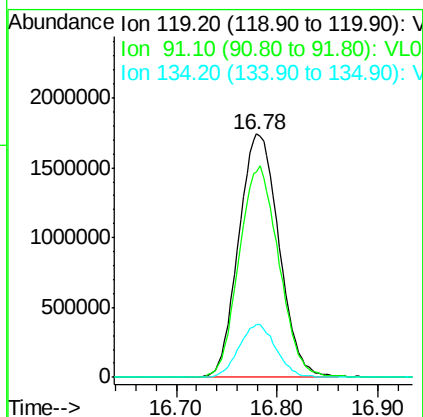
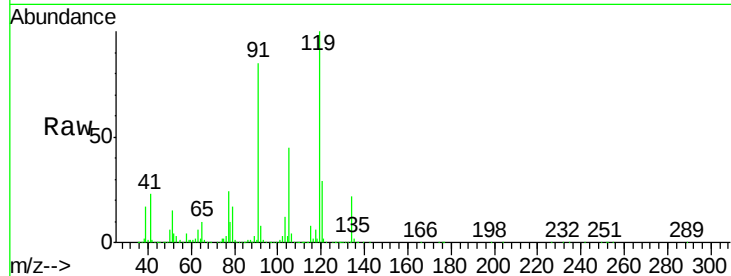
#65
tert-Butylbenzene
Concen: 9.402 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.06 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 119 Resp: 4815567
Ion Ratio Lower Upper
119 100
91 86.1 70.5 105.7
134 20.0 15.8 23.8

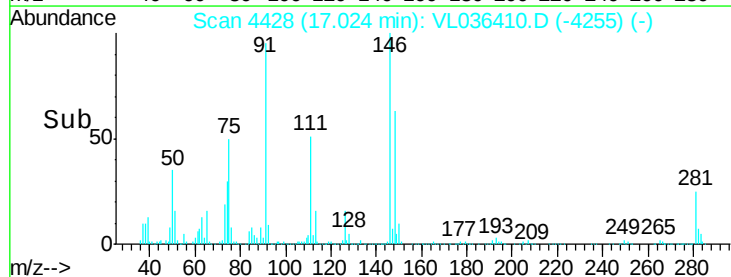
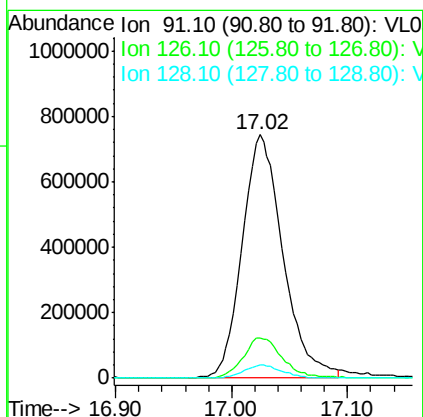
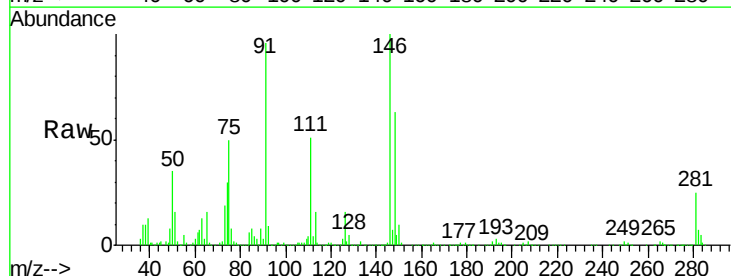
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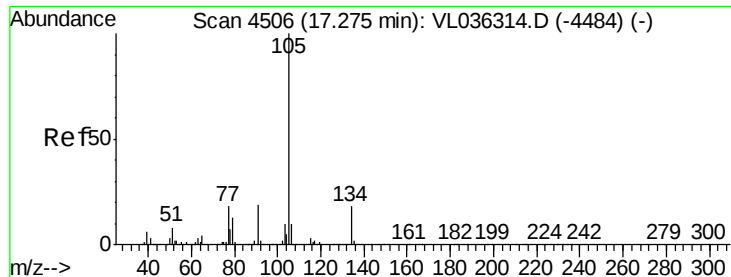
MMDadoda
3/2/2021 3:30:01 PM



#66
Benzyl Chloride
Concen: 13.010 ppbv
RT: 17.02 min Scan# 4428
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 91 Resp: 1811542
Ion Ratio Lower Upper
91 100
126 16.5 12.9 19.3
128 5.2 4.2 6.2





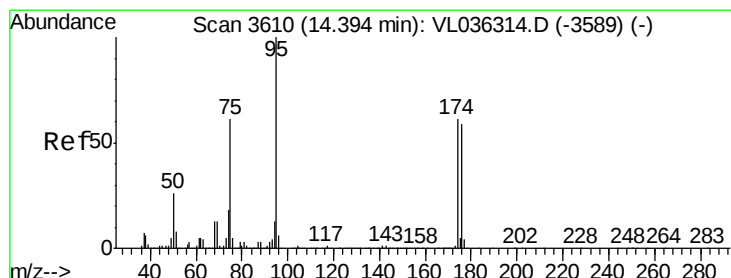
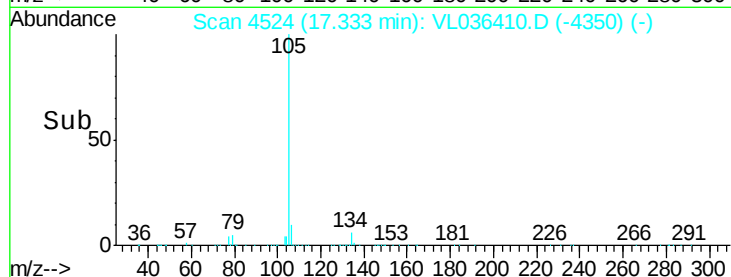
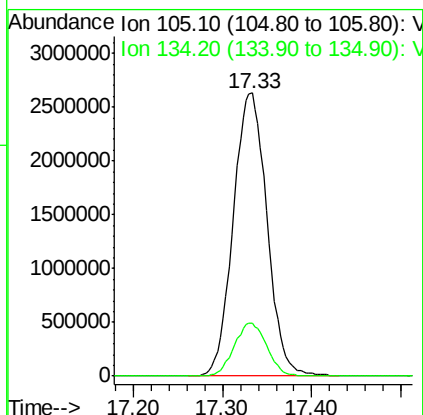
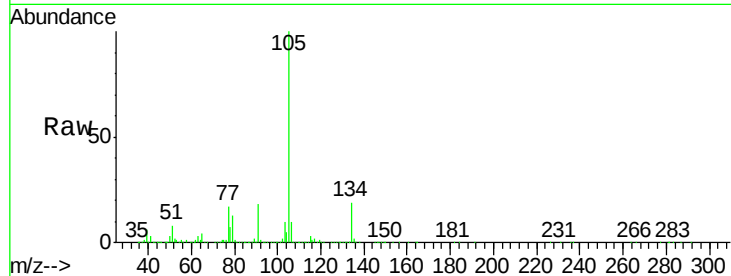
#67
 sec-Butylbenzene
 Concen: 9.332 ppbv
 RT: 17.33 min Scan# 4524
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01

Tgt Ion: 105 Resp: 6893130
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.2 21.4

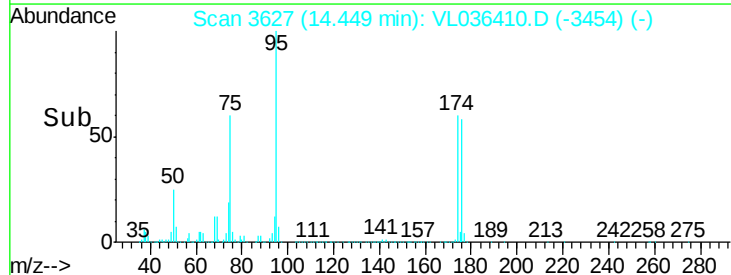
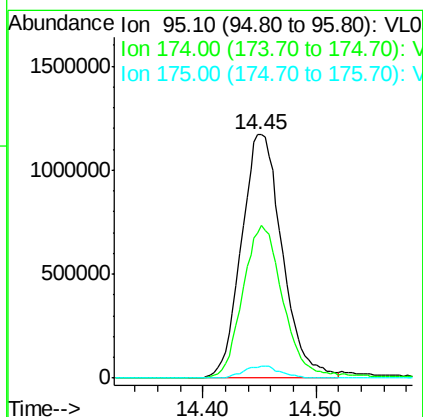
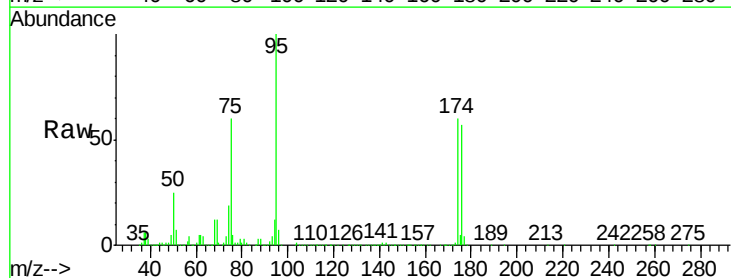
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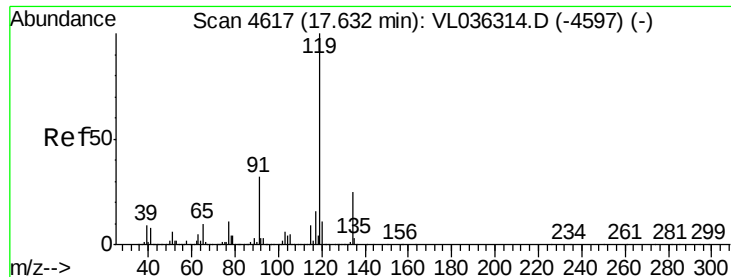
MMDadoda
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.285 ppbv
 RT: 14.45 min Scan# 3627
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 95 Resp: 2938651
 Ion Ratio Lower Upper
 95 100
 174 63.3 49.8 74.6
 175 4.8 3.7 5.5





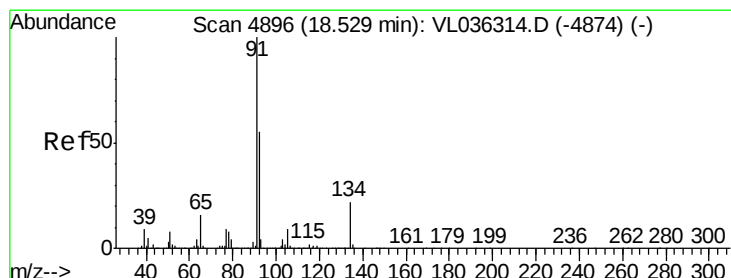
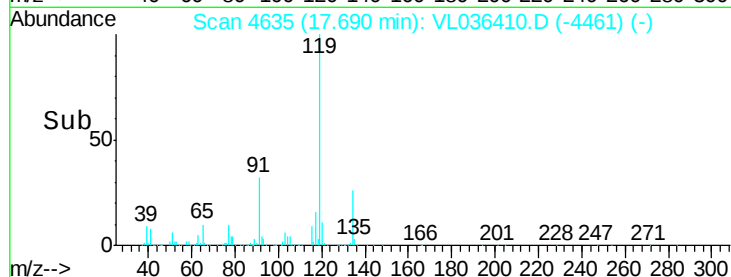
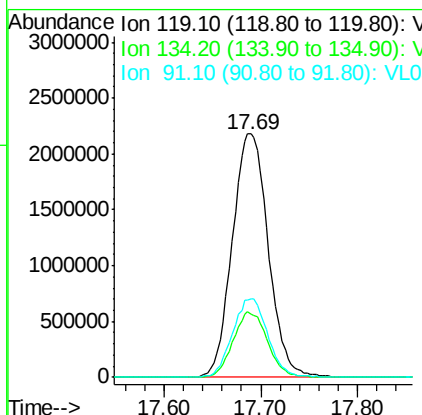
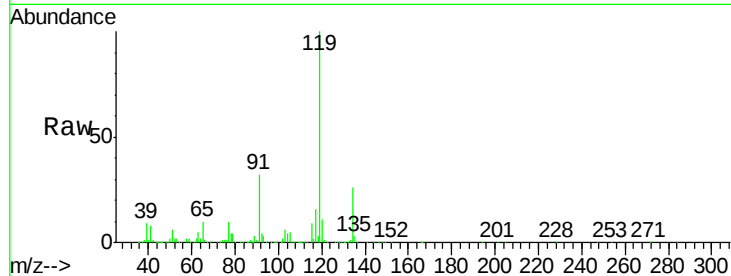
#69
p-Isopropyltoluene
Concen: 9.852 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. 0.06 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.1	30.1
91	31.4	25.8	38.6

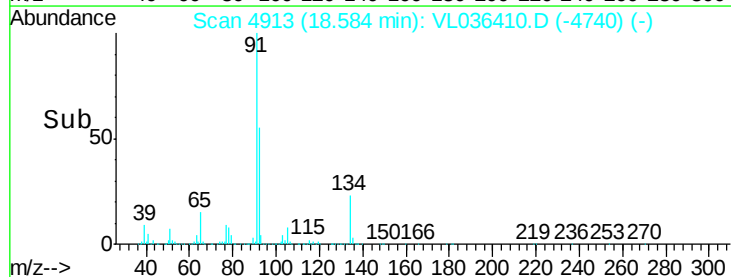
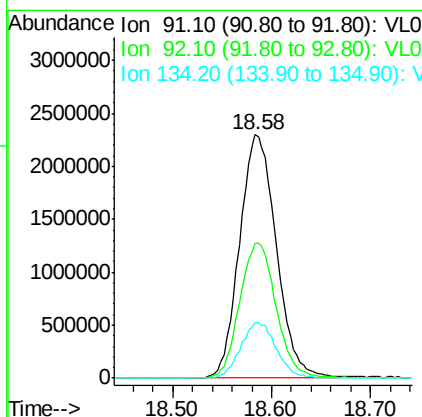
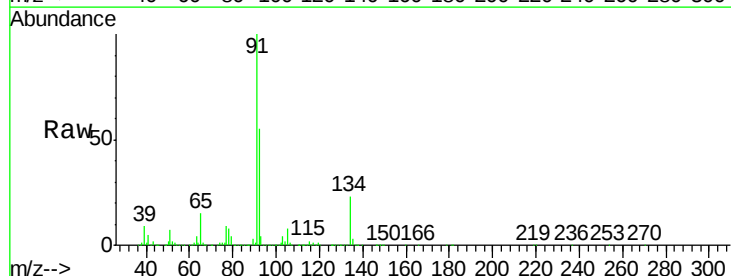
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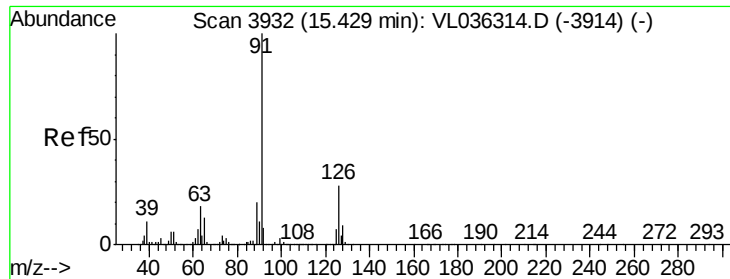
MMDadoda
3/2/2021 3:30:01 PM



#70
n-Butylbenzene
Concen: 9.672 ppbv
RT: 18.58 min Scan# 4913
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	43.7	65.5
134	22.4	17.4	26.0





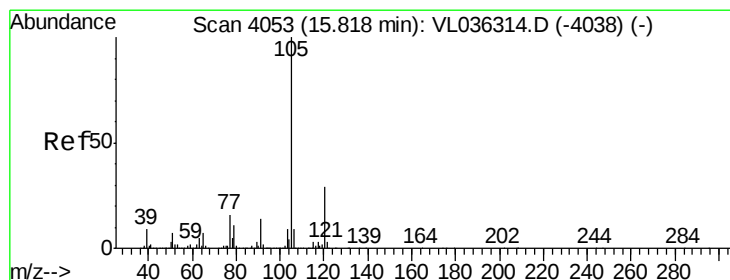
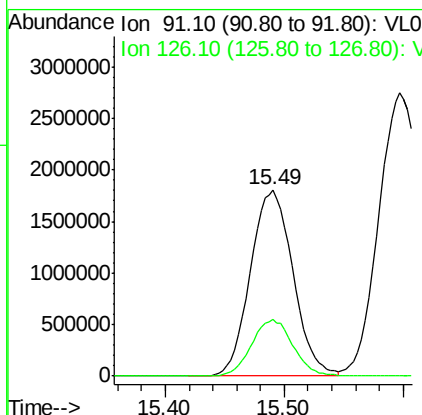
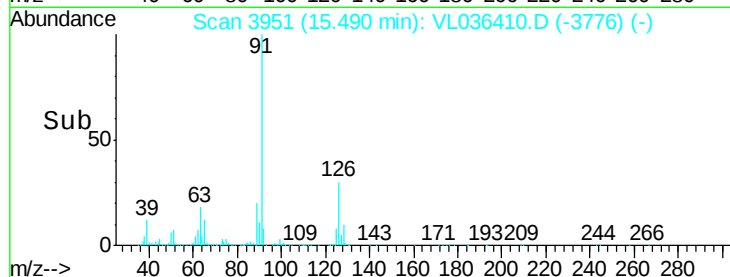
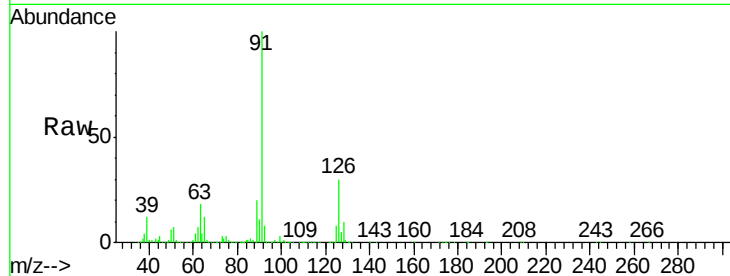
#71
 2-Chlorotoluene
 Concen: 9.757 ppbv
 RT: 15.49 min Scan# 3951
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01

Tgt Ion: 91 Resp: 4477246
 Ion Ratio Lower Upper
 91 100
 126 29.8 11.5 46.1

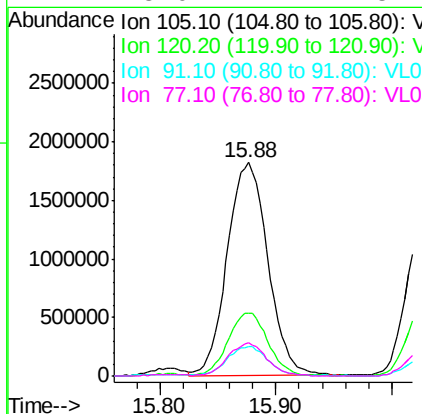
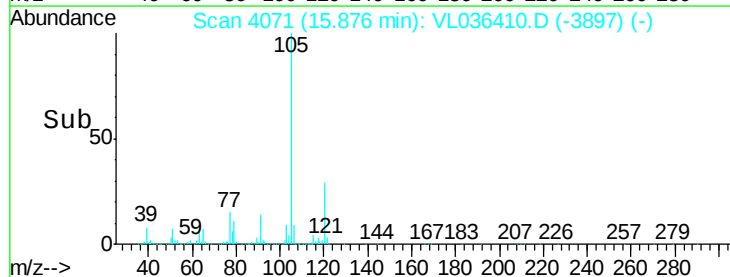
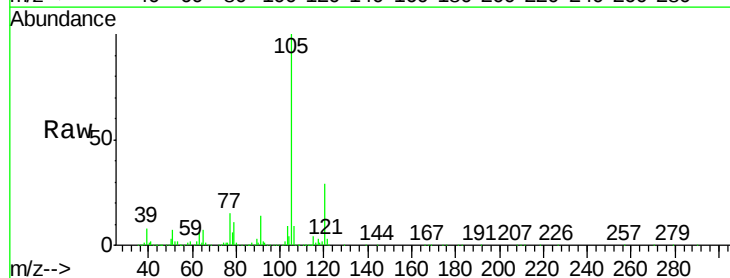
Manual Integrations
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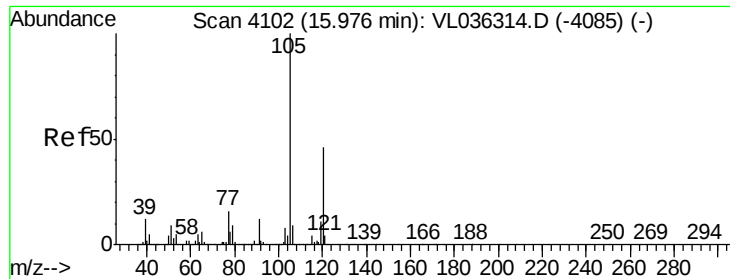
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#72
 4-Ethyltoluene
 Concen: 9.946 ppbv
 RT: 15.88 min Scan# 4071
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 105 Resp: 4420558
 Ion Ratio Lower Upper
 105 100
 120 29.5 23.2 34.8
 91 13.7 11.0 16.4
 77 15.0 12.2 18.4





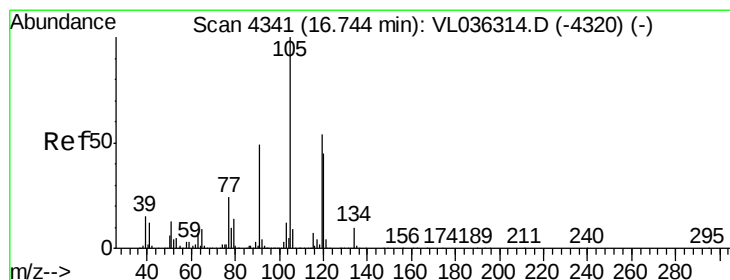
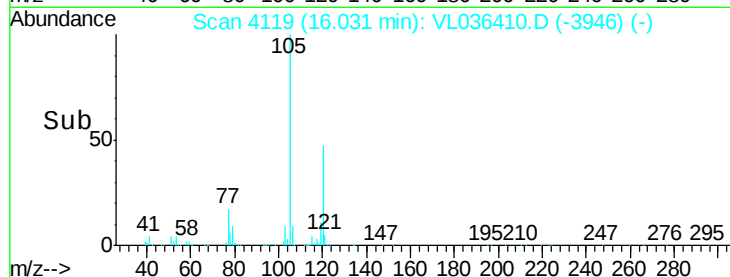
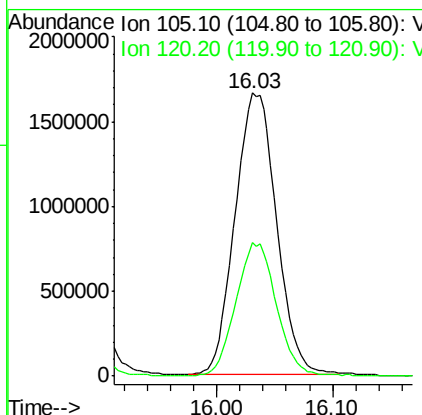
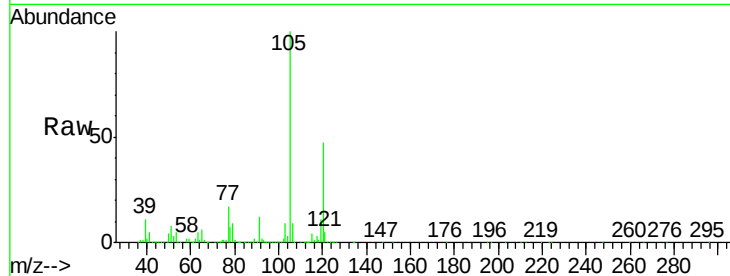
#73
 1,3,5-Trimethylbenzene
 Concen: 9.575 ppbv
 RT: 16.03 min Scan# 4119
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01

Tgt Ion:105 Resp: 4125386
 Ion Ratio Lower Upper
 105 100
 120 47.4 36.9 55.3

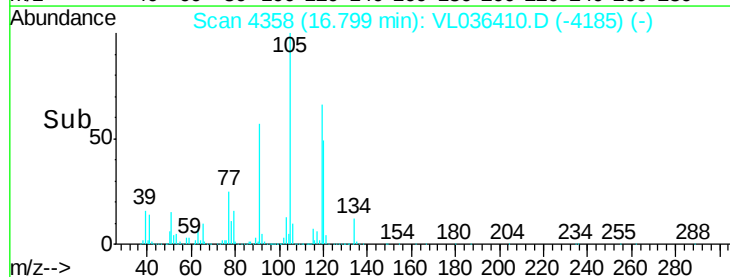
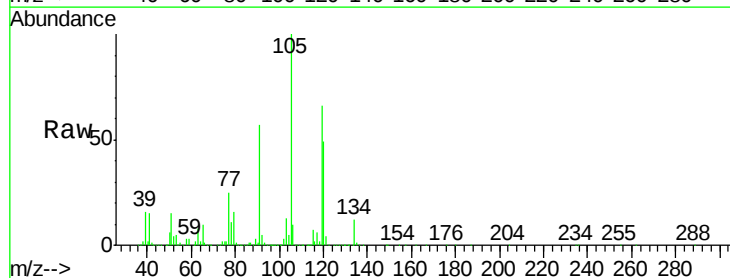
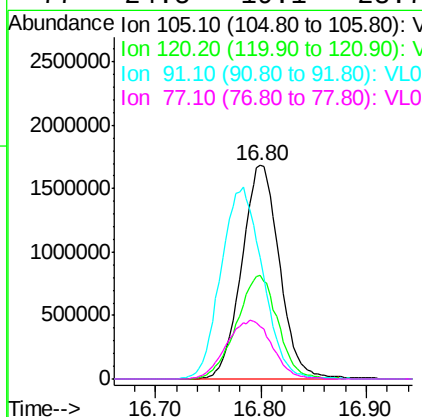
Manual Integrations
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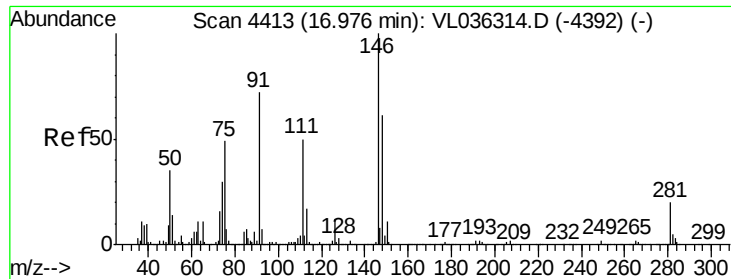
MMDadoda
 3/2/2021 3:30:01 PM



#74
 1,2,4-Trimethylbenzene
 Concen: 9.514 ppbv
 RT: 16.80 min Scan# 4358
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion:105 Resp: 4184510
 Ion Ratio Lower Upper
 105 100
 120 48.5 35.8 53.6
 91 56.6 39.8 59.6
 77 24.5 19.1 28.7





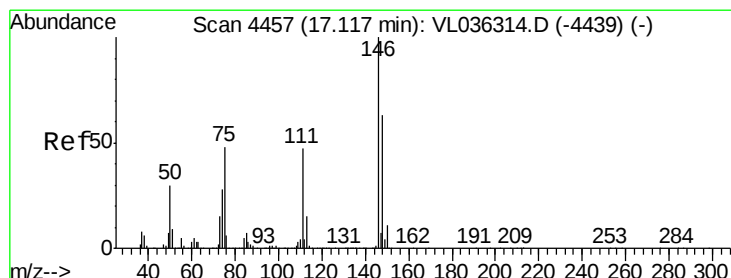
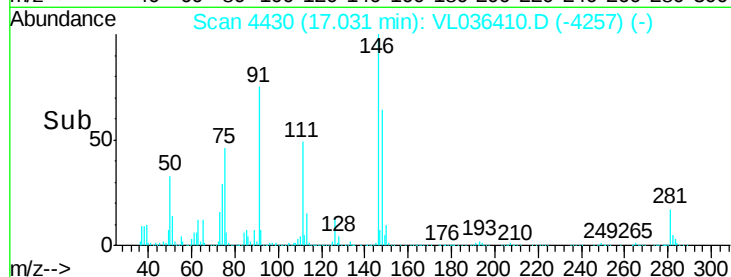
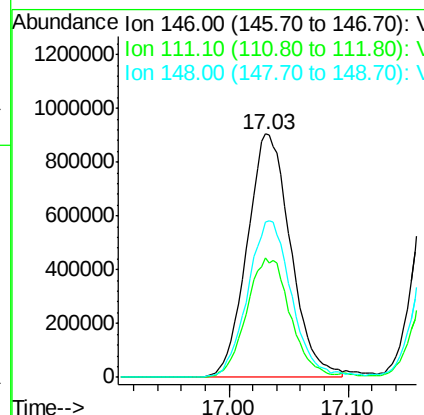
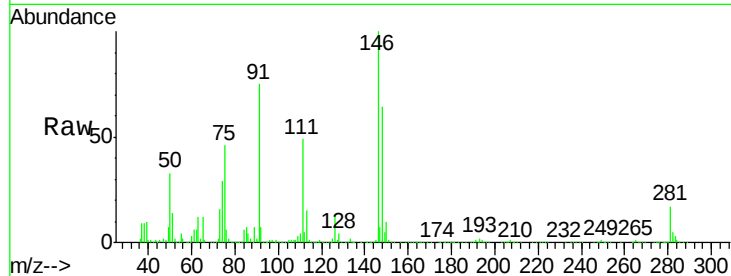
#75
 1,3-Dichlorobenzene
 Concen: 9.600 ppbv
 RT: 17.03 min Scan# 4430
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01

Tgt Ion:146 Resp: 2291806
 Ion Ratio Lower Upper
 146 100
 111 49.9 24.9 74.6
 148 64.9 31.9 95.9

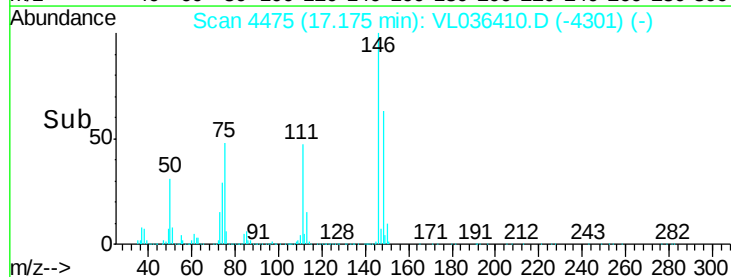
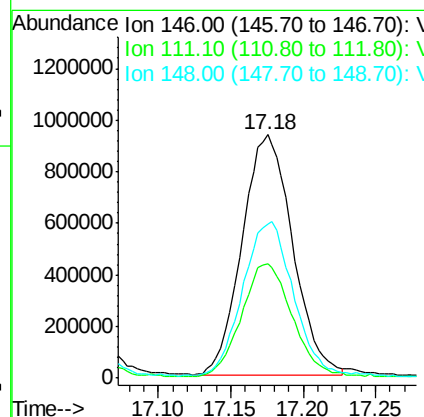
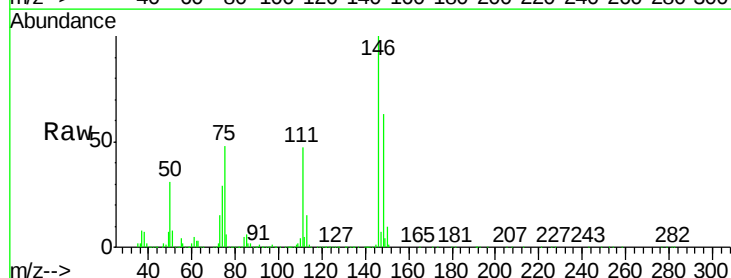
Manual Integrations
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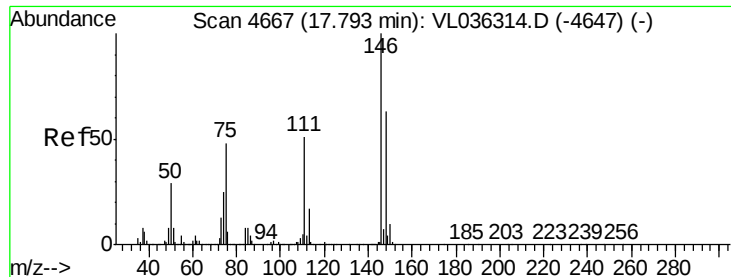
MMDadoda
 3/2/2021 3:30:01 PM



#76
 1,4-Dichlorobenzene
 Concen: 9.089 ppbv
 RT: 17.18 min Scan# 4475
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion:146 Resp: 2253308
 Ion Ratio Lower Upper
 146 100
 111 49.6 23.6 71.0
 148 67.5 31.6 95.0





#77

1,2-Dichlorobenzene

Concen: 9.487 ppbv

RT: 17.85 min Scan# 4685

Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

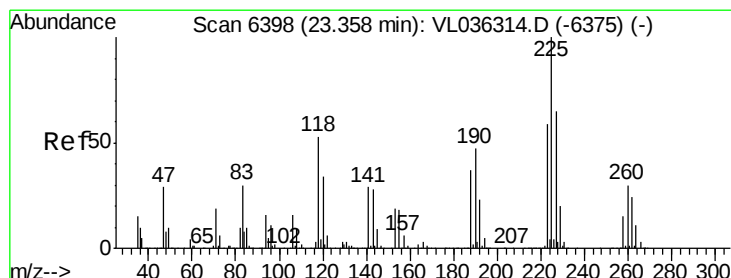
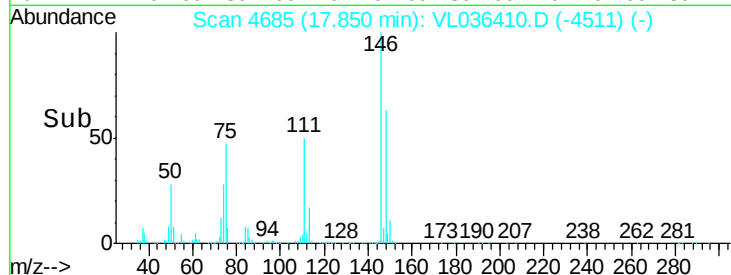
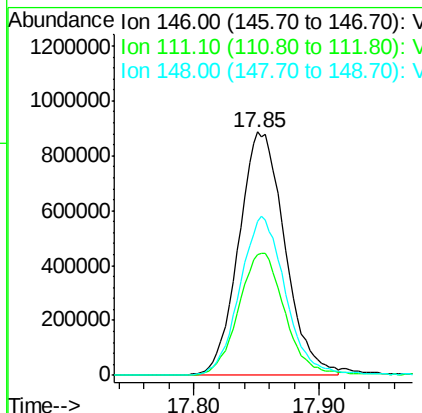
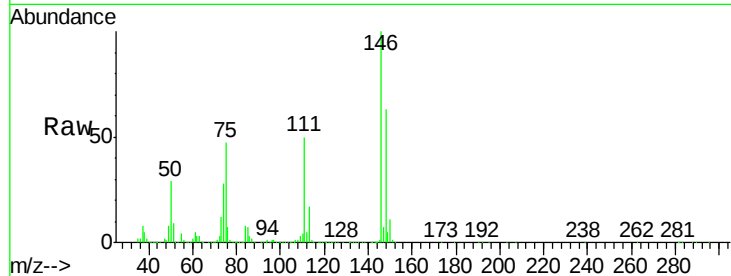
ClientSampleId :

VL0301ABS01

Tgt Ion:	146	Resp:	2246947
Ion Ratio	Lower	Upper	
146	100		
111	51.0	25.9	77.8
148	65.2	32.5	97.4

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#78

Hexachloro-1,3-Butadiene

Concen: 8.175 ppbv

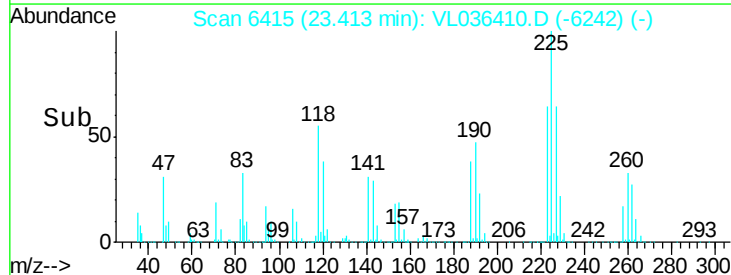
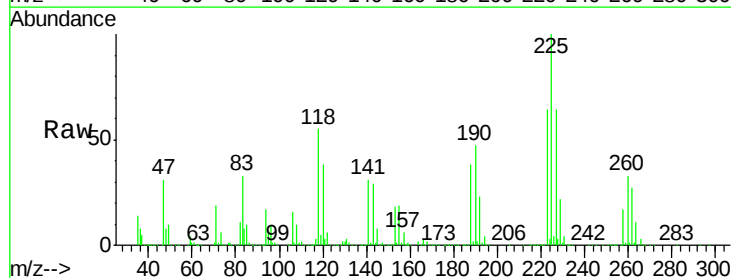
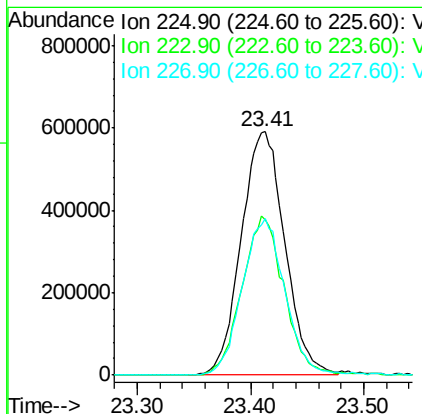
RT: 23.41 min Scan# 6415

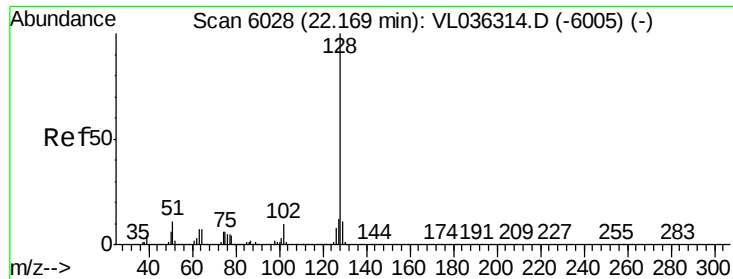
Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Tgt Ion:	225	Resp:	1581863
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.8	76.2
227	63.7	52.2	78.2





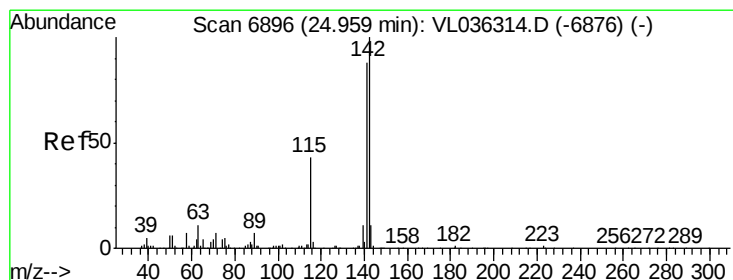
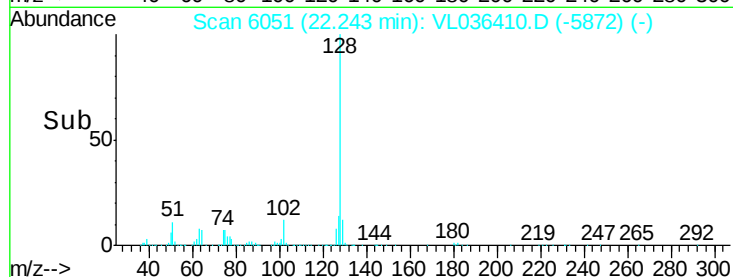
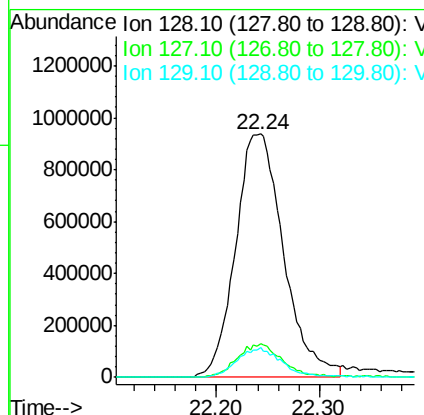
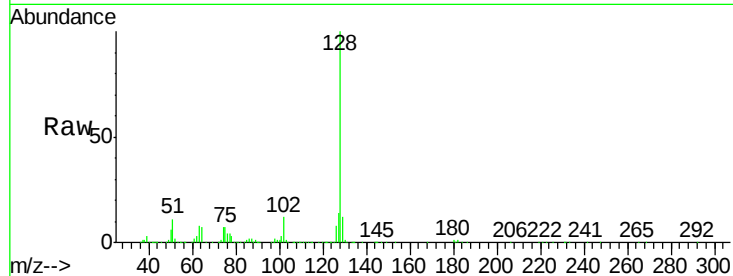
#79
Naphthalene
Concen: 11.571 ppbv
RT: 22.24 min Scan# 6051
Delta R.T. 0.07 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	9.6	14.4
129	12.0	8.5	12.7

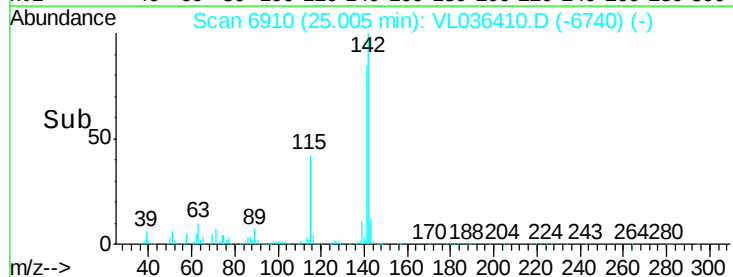
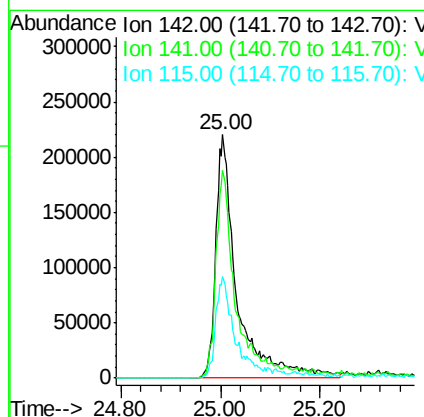
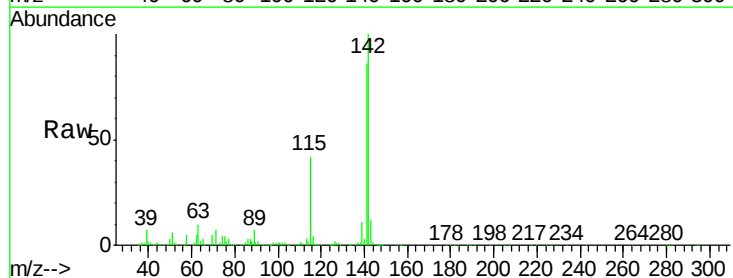
Manual Integrations
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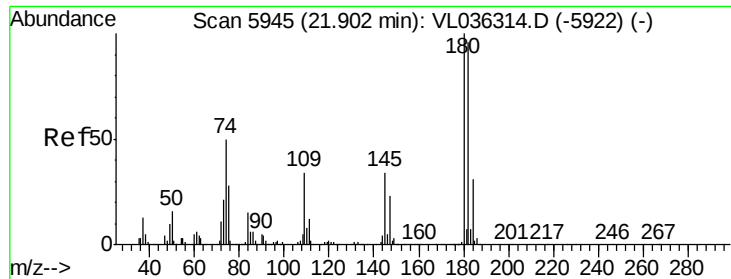
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#80
Naphthalene, 2-methyl-
Concen: 13.557 ppbv
RT: 25.00 min Scan# 6910
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.9	64.4	96.6
115	42.4	34.6	51.8





#81
 1,2,4-Trichlorobenzene
 Concen: 10.053 ppbv
 RT: 21.97 min Scan# 5966
 Delta R.T. 0.07 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01

Tgt Ion:180 Resp: 1599162
 Ion Ratio Lower Upper
 180 100
 182 100.4 80.2 120.4
 184 31.2 25.0 37.6

Manual Integrations
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