

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036346.D
 Acq On : 24 Feb 2021 11:54
 Operator : SY/AP
 Sample : VL0224ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VL0224ABS01

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 4:16:49 PM

Quant Time: Feb 25 05:36:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 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	5.67	49	1653093	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	3873024	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3557487	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3075982	10.51	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2133165	8.646 ppbv	99
3) Chlorodifluoromethane	2.99	51	1943161	9.460 ppbv	100
4) Chloromethane	3.14	50	972660	9.802 ppbv	98
5) Vinyl Chloride	3.26	62	966225	10.457 ppbv	96
6) Bromomethane	3.47	94	561664	10.227 ppbv	96
7) Chloroethane	3.56	64	341662	10.413 ppbv	93
8) Dichlorotetrafluoroethane	3.19	85	2215695	9.875 ppbv	100
9) Propene	3.01	41	897694	11.722 ppbv	99
10) Heptane	8.12	43	2282030	10.111 ppbv	100
11) Trichlorofluoromethane	3.95	101	2367898	9.802 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1520016	10.157 ppbv	98
13) Ethanol	3.61	45	184679m	12.839 ppbv	
14) Bromoethene	3.74	108	654826	10.455 ppbv	97
15) Acetone	3.85	43	1843872	9.125 ppbv	100
16) 1,3-Butadiene	3.33	39	939489	9.723 ppbv	99
17) tert-Butyl alcohol	4.29	59	1849073	11.788 ppbv	100
18) 1,1-Dichloroethene	4.29	96	643826	9.467 ppbv	97
19) Isopropyl Alcohol	3.97	45	1247782	11.146 ppbv	# 99
20) Methylene Chloride	4.34	84	565855	8.680 ppbv	94
21) Allyl Chloride	4.41	41	1100754	9.784 ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	633610	10.257 ppbv	97
23) Vinyl Acetate	5.08	43	2490772	10.483 ppbv	98
24) 1,1-Dichloroethane	5.01	63	1798705	10.236 ppbv	99
25) Ethyl Acetate	5.68	43	3818452	9.788 ppbv	99
26) Hexane	5.69	57	1544730	9.638 ppbv	99
27) Carbon Disulfide	4.55	76	1662674	11.287 ppbv	97
28) Methyl tert-Butyl Ether	5.03	73	2173548	10.381 ppbv	100
29) Chloroform	5.75	83	2495846	9.665 ppbv	98
30) Cyclohexane	7.13	84	1327505	9.959 ppbv	97
31) cis-1,2-Dichloroethene	5.55	61	1610960	10.158 ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	2450409	10.150 ppbv	99
34) 2-Butanone	5.25	43	2471182	9.603 ppbv	100
35) Carbon Tetrachloride	7.02	117	2486547	9.579 ppbv	97
36) Benzene	6.89	78	3243709	9.859 ppbv	98
37) 1,2-Dichloroethane	6.31	62	1950181	9.587 ppbv	99
38) Trichloroethene	7.84	130	1121788	9.518 ppbv	94
39) 1,2-Dichloropropane	7.62	63	1334965	9.989 ppbv	99
40) 1,4-Dioxane	7.83	88	470462	10.160 ppbv	# 1
41) Tetrahydrofuran	6.05	42	1464110	10.196 ppbv	99
42) Bromodichloromethane	7.79	83	2750791	10.097 ppbv	98
43) Methyl Methacrylate	8.01	69	1475738	10.636 ppbv	98

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Instrument :
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 ClientSampleId :
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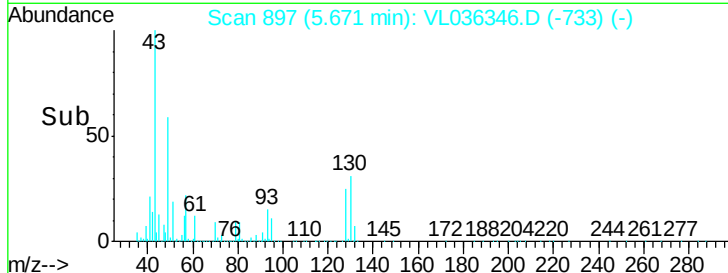
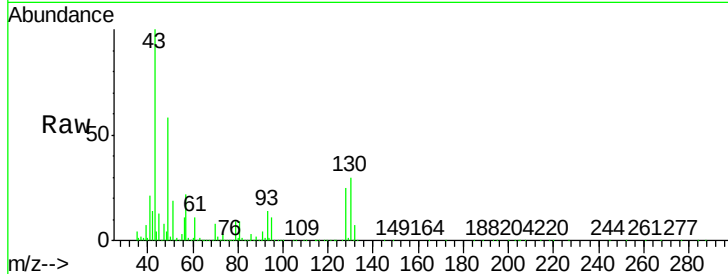
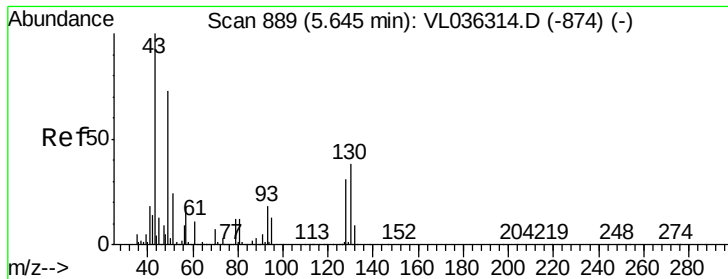
Manual Integrations
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Quant Time: Feb 25 05:36:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5580243	9.328	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1576104	11.775	ppbv	94
46) cis-1,3-Dichloropropene	8.71	75	1881549	11.066	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1302720	9.525	ppbv	97
48) Dibromochloromethane	10.31	129	2144803	10.509	ppbv	100
49) Bromoform	13.05	173	1762015	10.679	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	3795574	9.936	ppbv	99
51) 2-Hexanone	10.14	43	3081246	10.615	ppbv #	99
52) Tetrachloroethene	11.23	164	1080126	8.968	ppbv	98
53) Toluene	9.81	91	3652029	10.248	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1947582	9.853	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1605015	9.809	ppbv #	61
57) Chlorobenzene	12.15	112	2627297	9.559	ppbv	97
58) Ethyl Benzene	12.72	91	4953655	10.169	ppbv	98
59) m/p-Xylene	13.00	91	8383266m	19.592	ppbv	
60) o-Xylene	13.70	91	3943520	9.639	ppbv	99
61) Styrene	13.53	104	2836982	11.189	ppbv	99
62) Isopropylbenzene	14.67	105	5828062	9.504	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2790191	8.644	ppbv	98
64) n-propylbenzene	15.57	120	1533204	10.159	ppbv	99
65) tert-Butylbenzene	16.75	119	4947144	9.429	ppbv	99
66) Benzyl Chloride	17.00	91	1762471	12.356	ppbv	98
67) sec-Butylbenzene	17.30	105	7122824	9.413	ppbv	99
69) p-Isopropyltoluene	17.66	119	5832573	9.974	ppbv	100
70) n-Butylbenzene	18.56	91	6158615	9.821	ppbv	99
71) 2-Chlorotoluene	15.46	91	4563927	9.709	ppbv	98
72) 4-Ethyltoluene	15.85	105	4617315	10.141	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4272542	9.681	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	4342973	9.639	ppbv	94
75) 1,3-Dichlorobenzene	17.00	146	2382556	9.742	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2340944	9.218	ppbv	97
77) 1,2-Dichlorobenzene	17.82	146	2327294	9.593	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1667125	8.411	ppbv	99
79) Naphthalene	22.20	128	3208869	12.014	ppbv	98
80) Naphthalene, 2-methyl-	24.98	142	1008075	20.384	ppbv	97
81) 1,2,4-Trichlorobenzene	21.93	180	1711065m	10.500	ppbv	

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



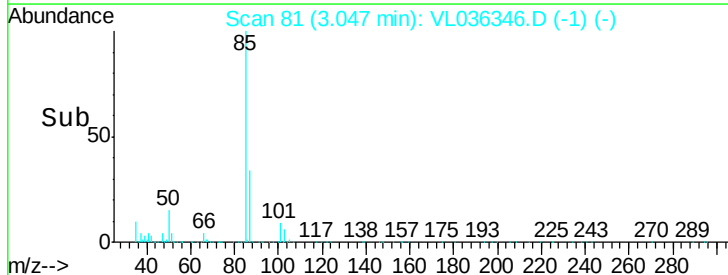
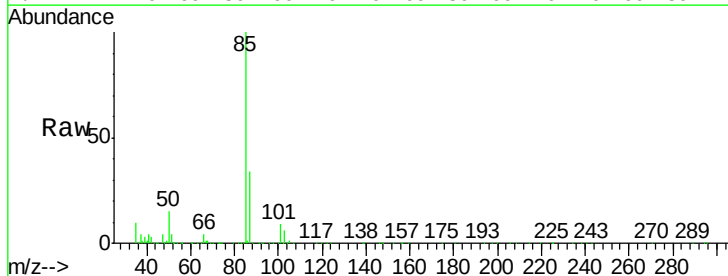
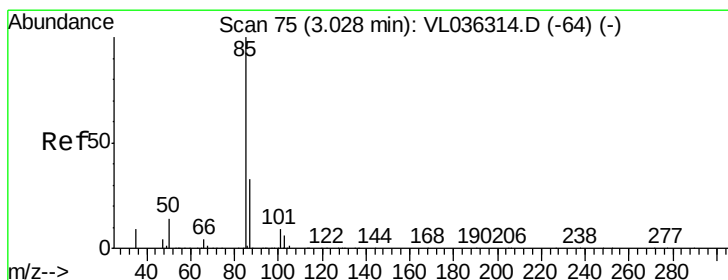
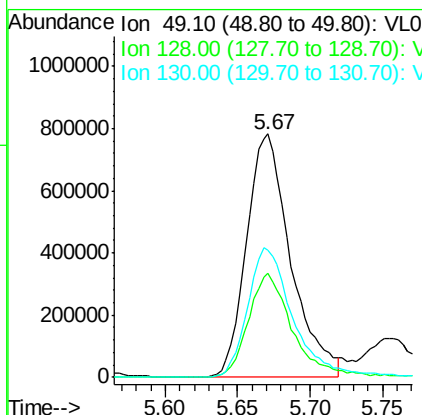
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tot Ion	Ratio	Lower	Upper
49	100		
128	44.0	20.8	62.5
130	56.2	26.7	80.1

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

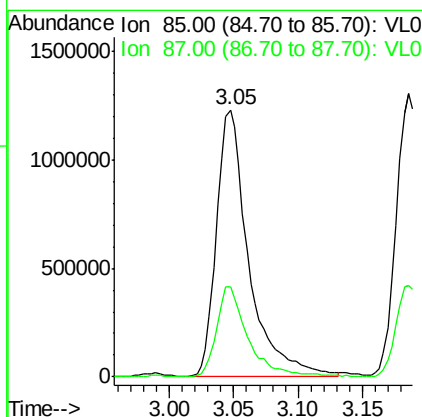
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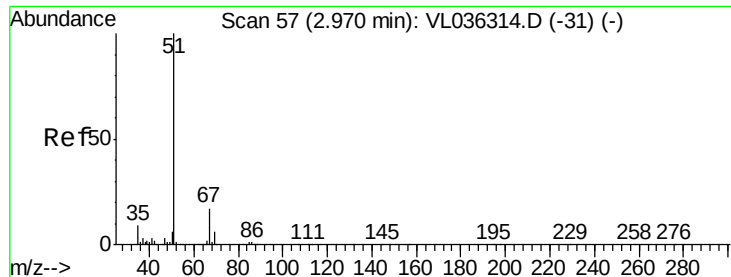
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#2
Dichlorodifluoromethane
Concen: 8.646 ppbv
RT: 3.05 min Scan# 81
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.7	26.5	39.7





#3

Chlorodifluoromethane

Concen: 9.460 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.02 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tot Ion: 51 Resp: 1943161

Ion Ratio Lower Upper

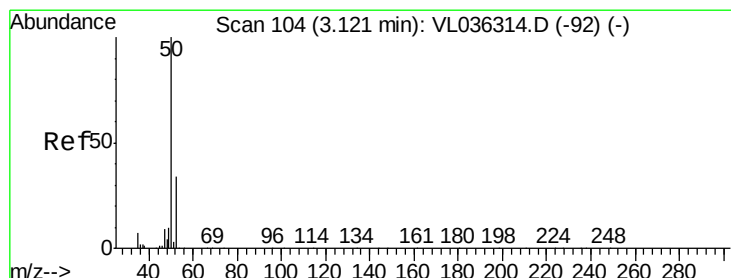
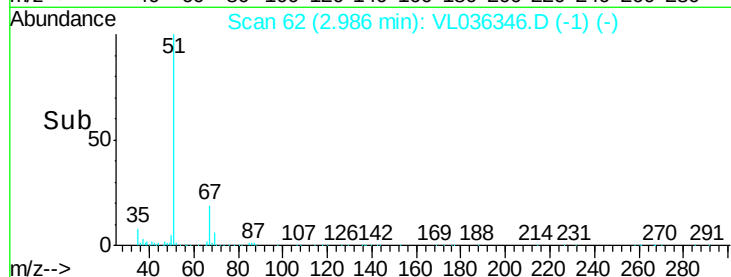
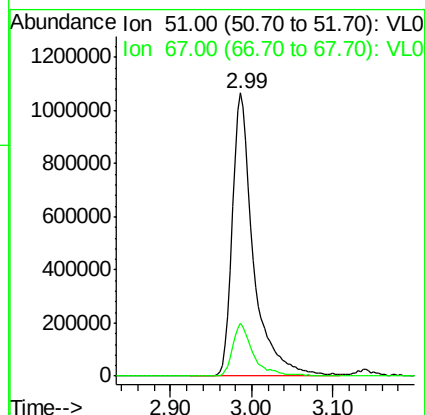
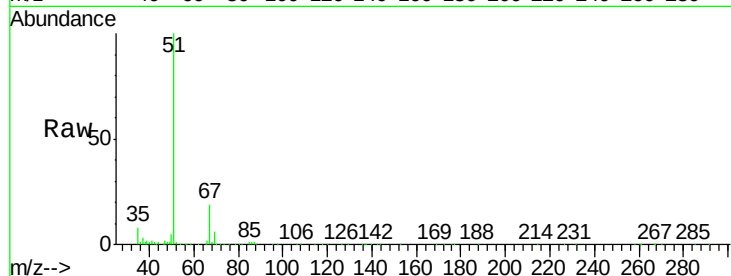
51 100

67 18.3 14.7 22.1

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#4

Chloromethane

Concen: 9.802 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.02 min

Lab File: VL036346.D

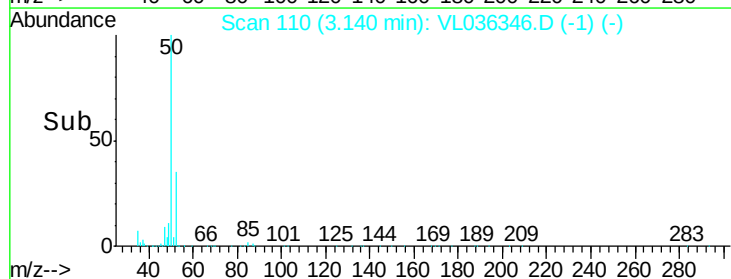
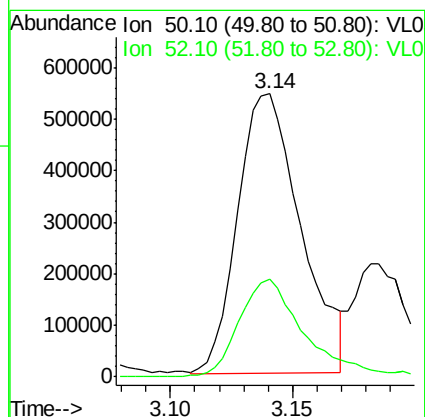
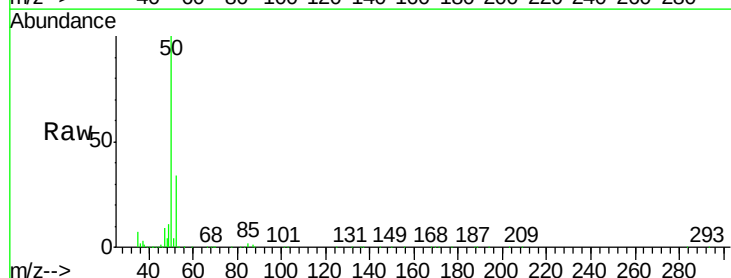
Acq: 24 Feb 2021 11:54

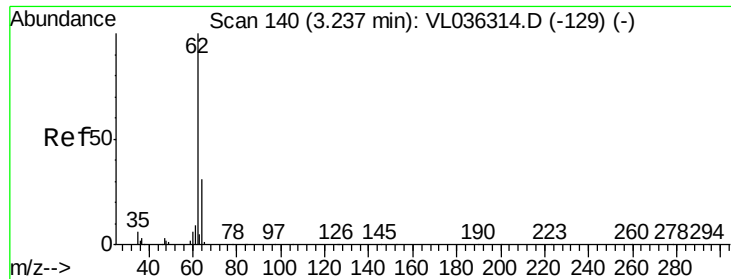
Tgt Ion: 50 Resp: 972660

Ion Ratio Lower Upper

50 100

52 34.6 27.0 40.4





#5

Vinyl Chloride

Concen: 10.457 ppbv

RT: 3.26 min Scan# 146

Delta R.T. 0.02 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tot Ion: 62 Resp: 966225

Ion Ratio Lower Upper

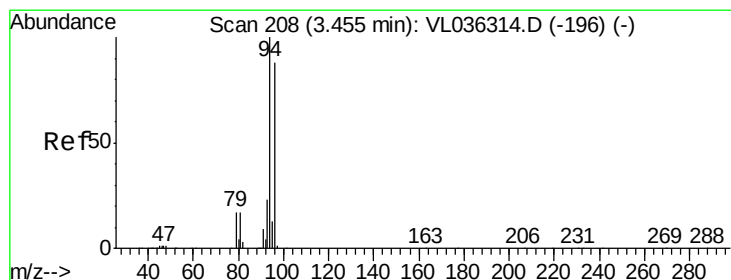
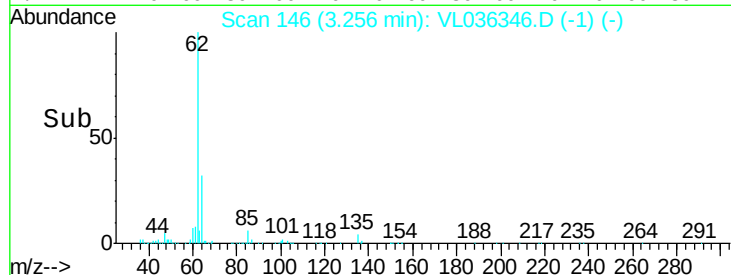
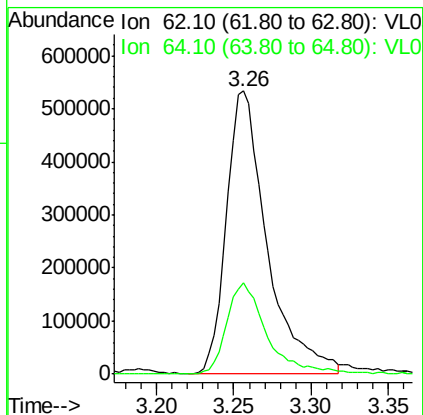
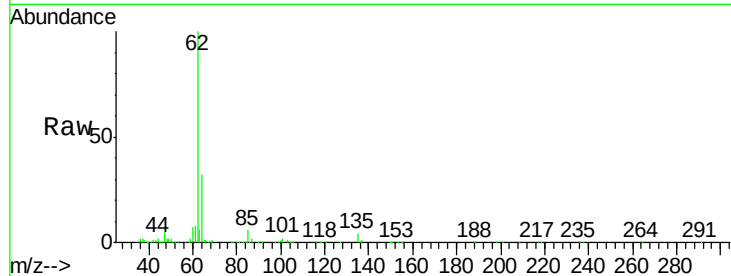
62 100

64 32.5 24.4 36.6

Manual Integrations
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#6

Bromomethane

Concen: 10.227 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.02 min

Lab File: VL036346.D

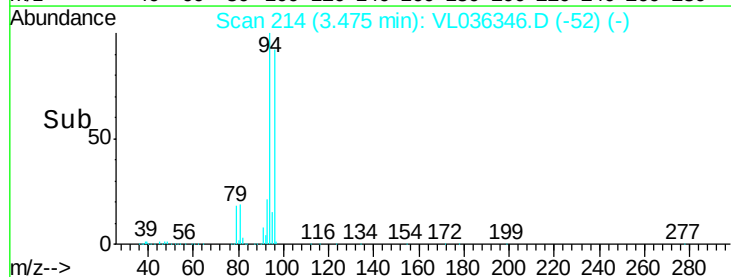
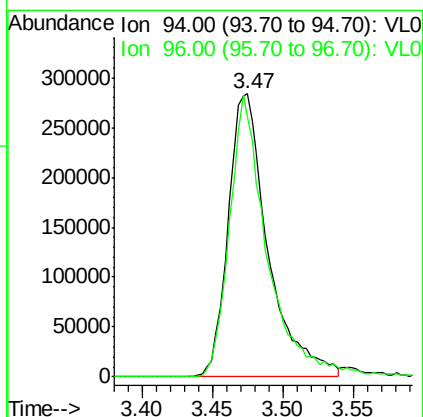
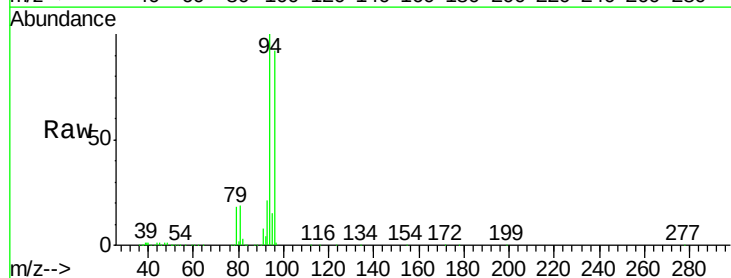
Acq: 24 Feb 2021 11:54

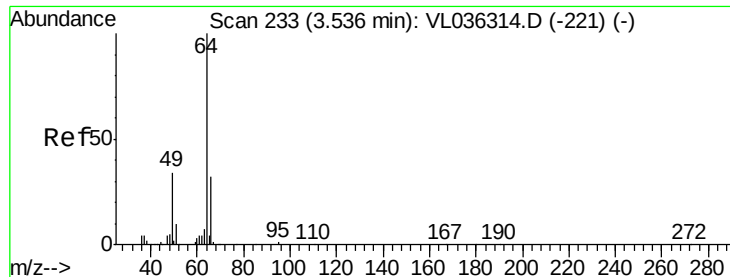
Tgt Ion: 94 Resp: 561664

Ion Ratio Lower Upper

94 100

96 92.1 70.8 106.2





#7

Chloroethane

Concen: 10.413 ppbv

RT: 3.56 min Scan# 239

Delta R.T. 0.02 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tot Ion: 64 Resp: 341662

Ion Ratio Lower Upper

64 100

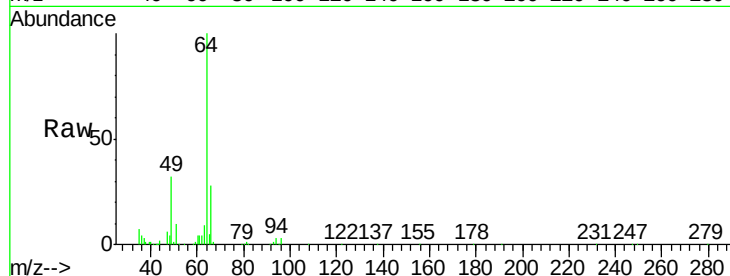
66 27.9 25.6 38.4

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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

200000

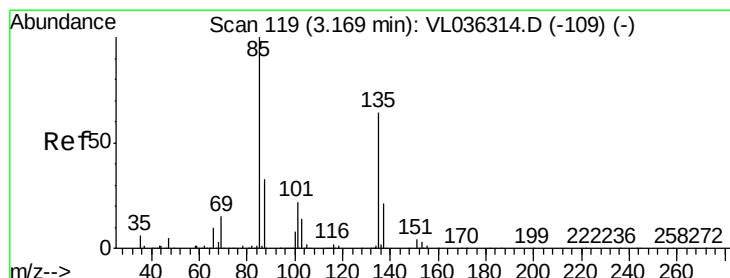
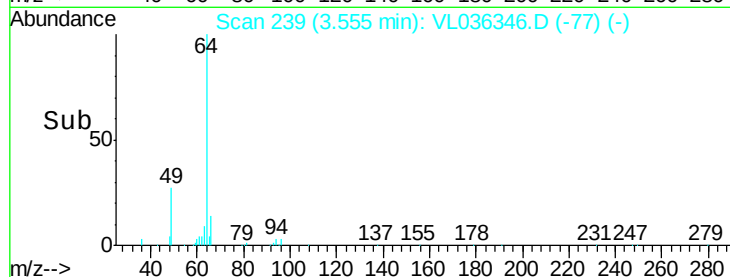
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.875 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.02 min

Lab File: VL036346.D

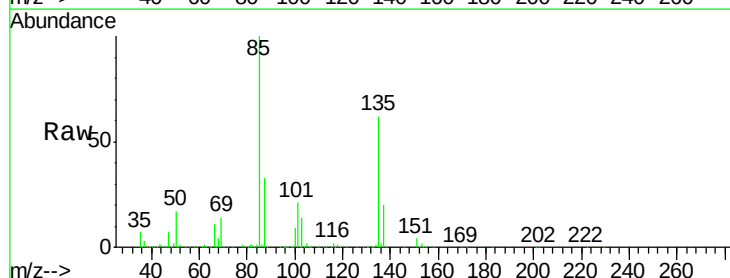
Acq: 24 Feb 2021 11:54

Tgt Ion: 85 Resp: 2215695

Ion Ratio Lower Upper

85 100

135 64.0 51.1 76.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.19

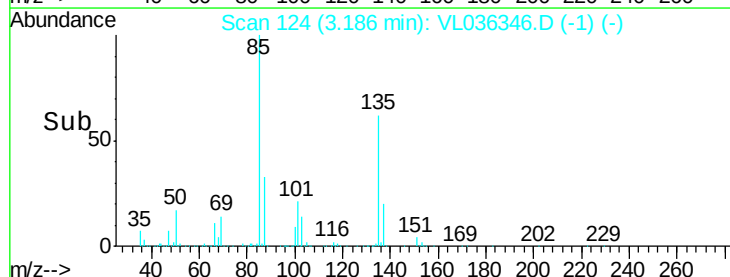
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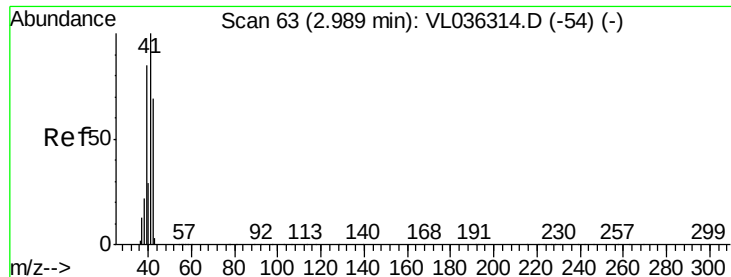
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Time-->





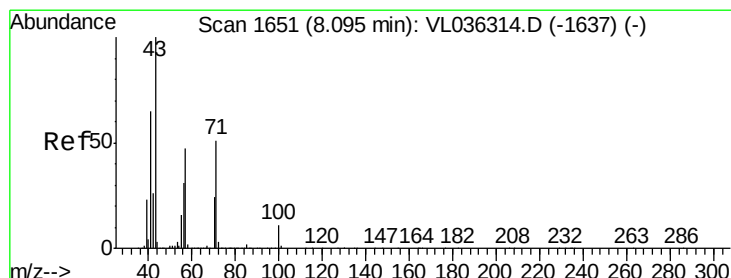
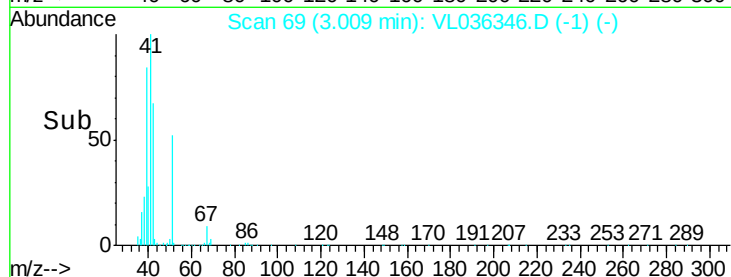
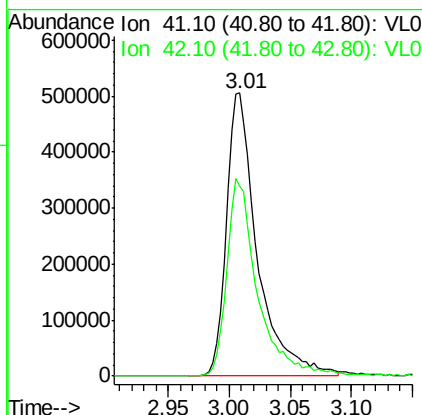
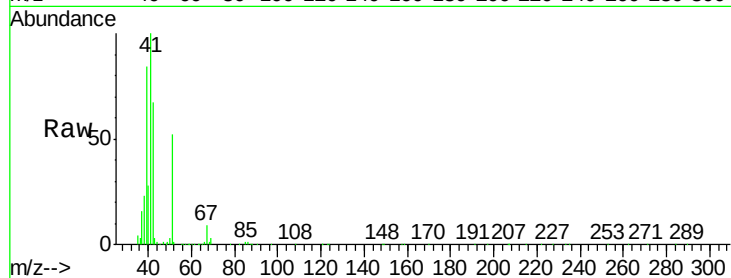
#9
 Propene
 Concen: 11.722 ppbv
 RT: 3.01 min Scan# 69
 Delta R.T. 0.02 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion	Ratio	Lower	Upper
41	100		
42	69.7	56.2	84.2

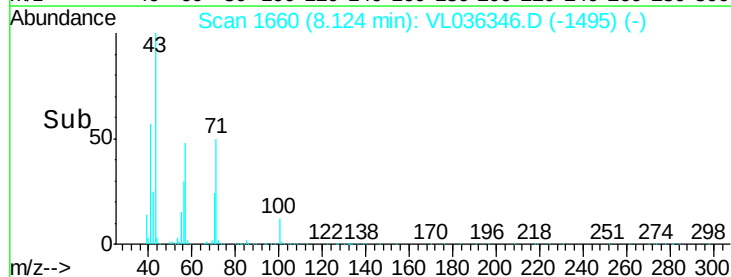
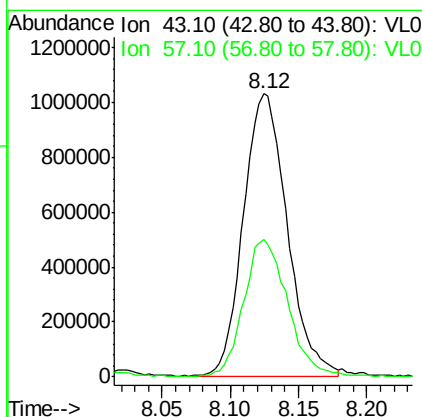
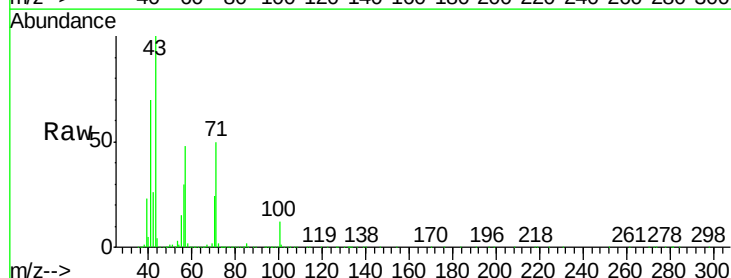
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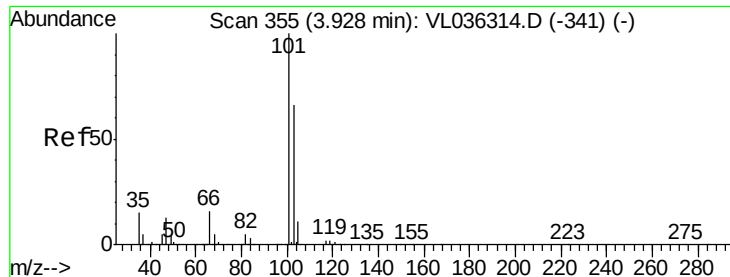
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#10
 Heptane
 Concen: 10.111 ppbv
 RT: 8.12 min Scan# 1660
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
43	100		
57	49.4	39.4	59.2





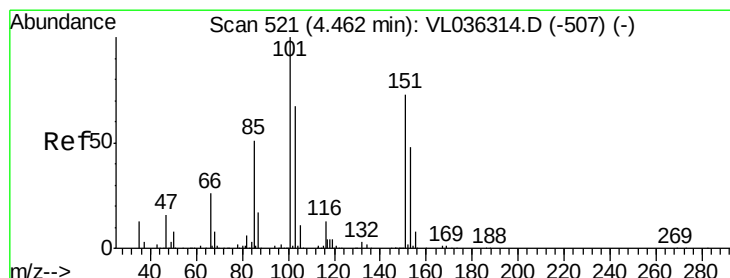
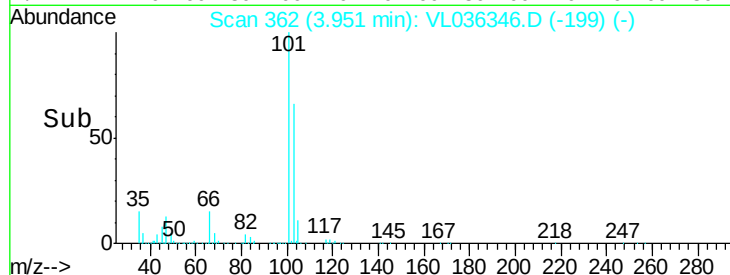
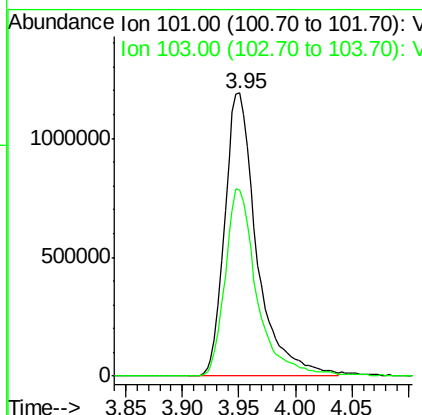
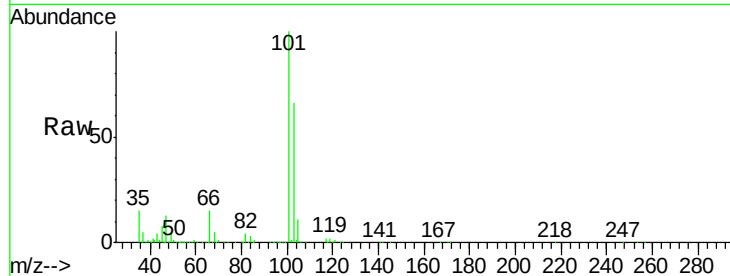
#11
 Trichlorofluoromethane
 Concen: 9.802 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. 0.02 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion:101 Resp: 2367898
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.9 79.3

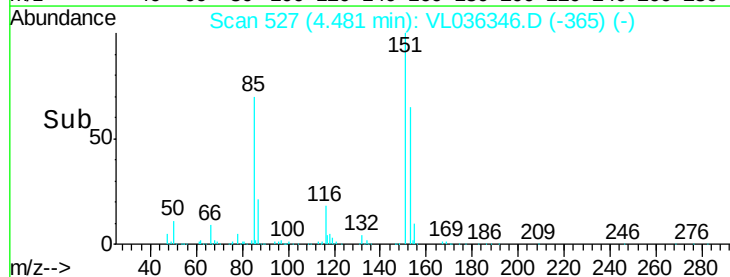
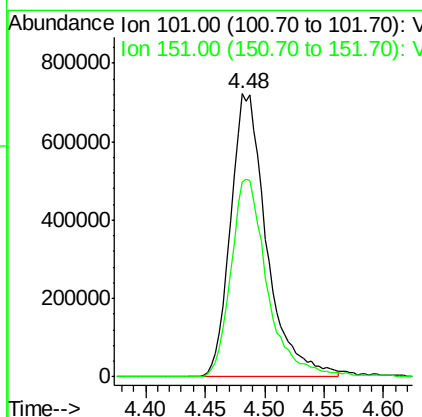
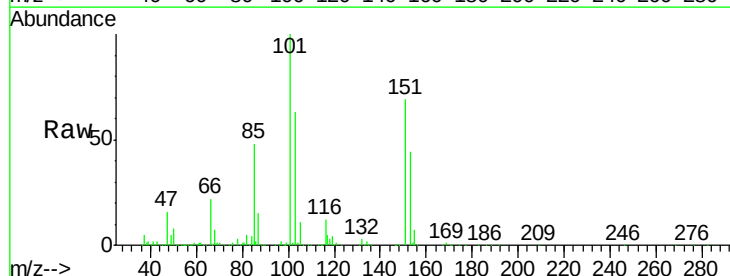
Manual Integrations
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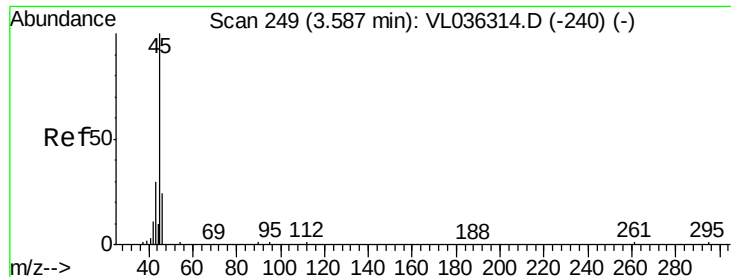
MMDadoda
 2/26/2021 4:16:49 PM



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.157 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. 0.02 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion:101 Resp: 1520016
 Ion Ratio Lower Upper
 101 100
 151 71.0 58.2 87.4





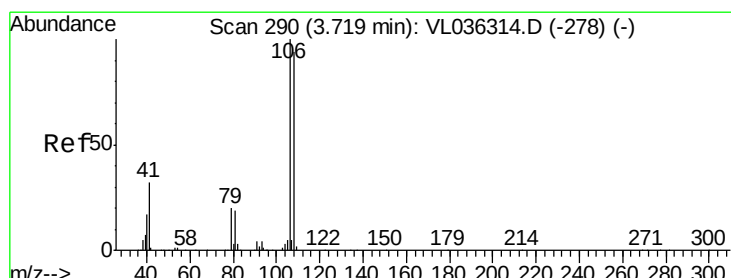
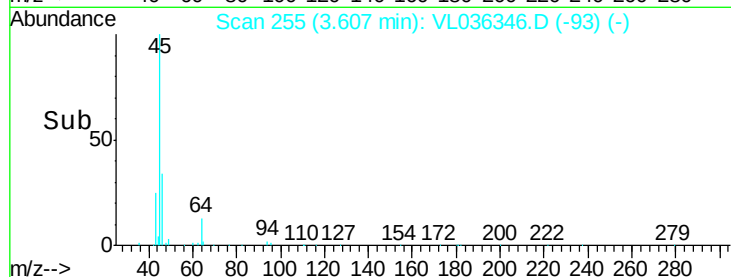
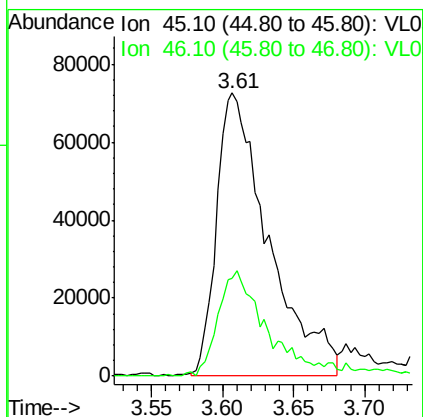
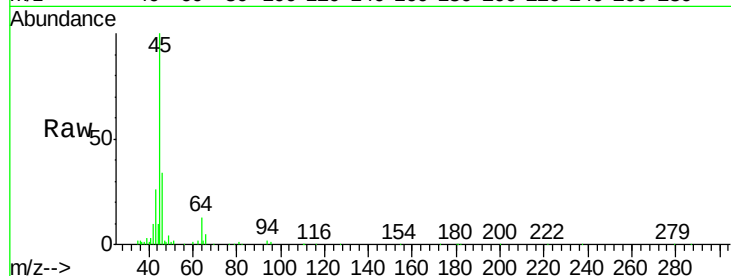
#13
Ethanol
Concen: 12.839 ppbv m
RT: 3.61 min Scan# 255
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion: 45 Resp: 184679
Ion Ratio Lower Upper
45 100
46 38.3 17.7 70.7

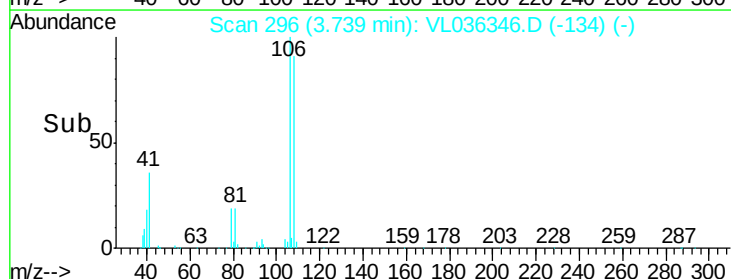
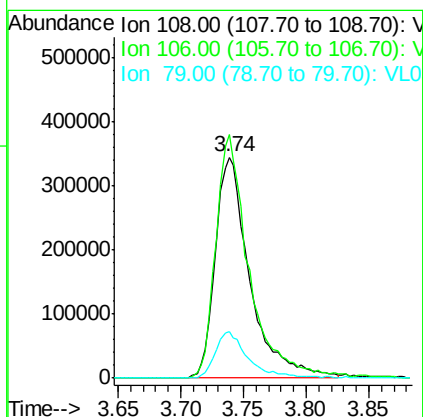
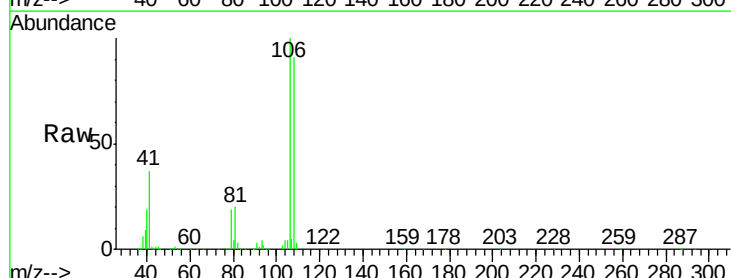
Manual Integrations
APPROVED

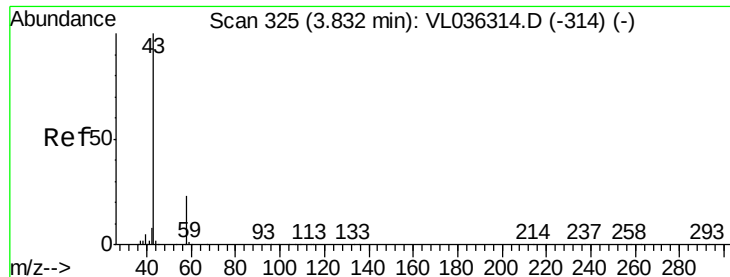
MMDadoda
2/26/2021 4:16:49 PM



#14
Bromoethene
Concen: 10.455 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 108 Resp: 654826
Ion Ratio Lower Upper
108 100
106 108.4 89.8 134.8
79 20.3 17.1 25.7





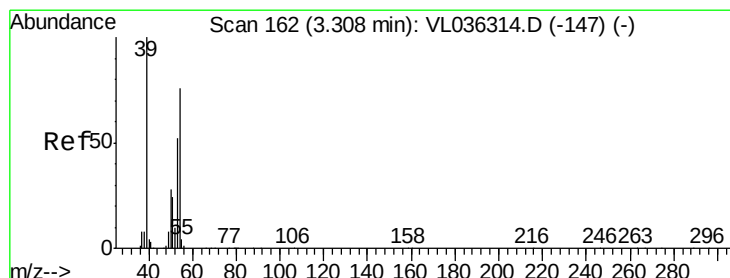
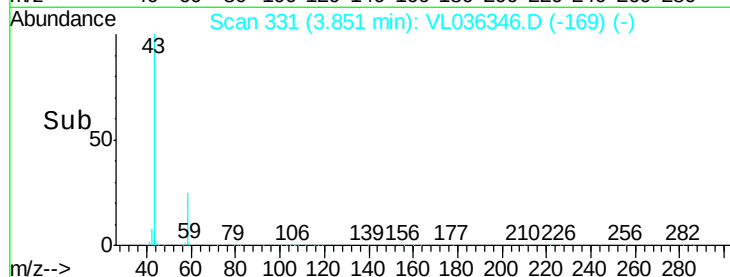
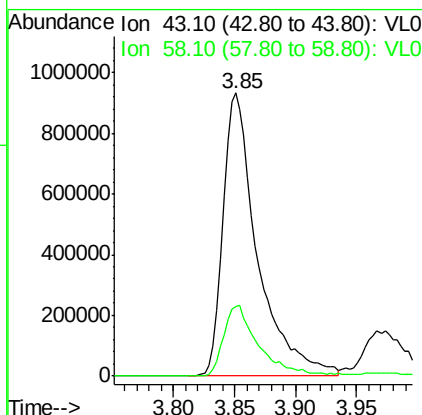
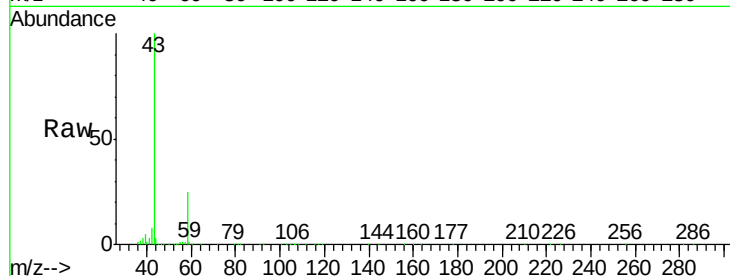
#15
Acetone
Concen: 9.125 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion: 43 Resp: 1843872
Ion Ratio Lower Upper
43 100
58 25.6 20.3 30.5

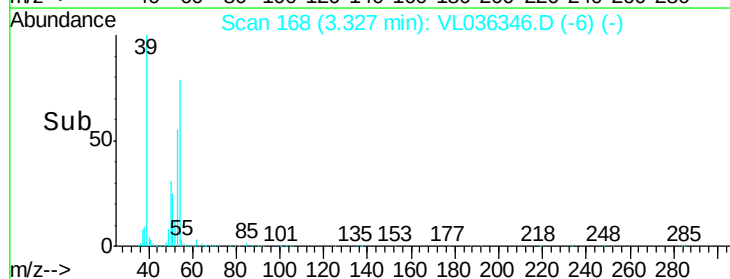
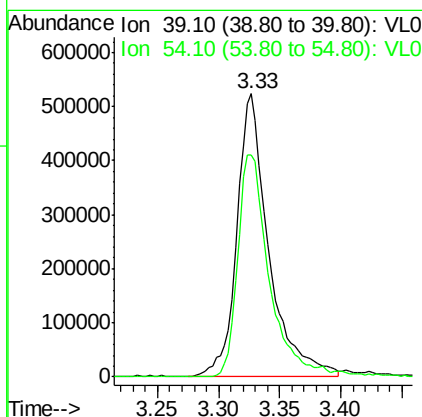
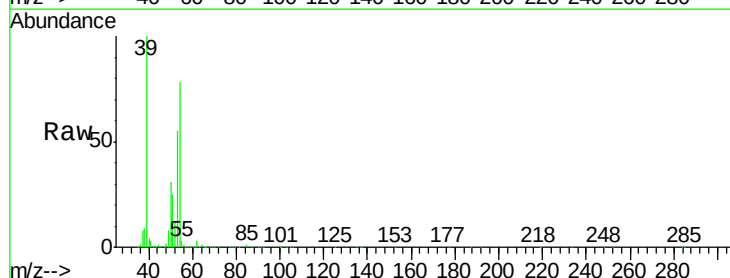
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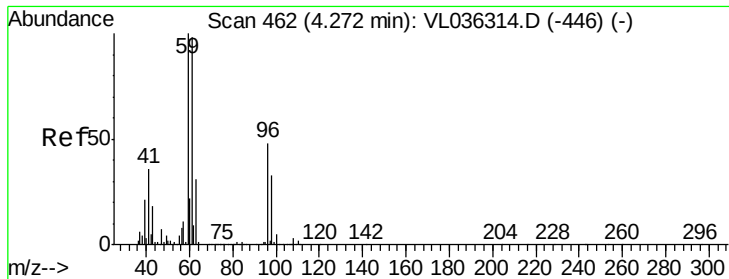
MMDadoda
2/26/2021 4:16:49 PM



#16
1,3-Butadiene
Concen: 9.723 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 39 Resp: 939489
Ion Ratio Lower Upper
39 100
54 79.7 64.4 96.6





#17

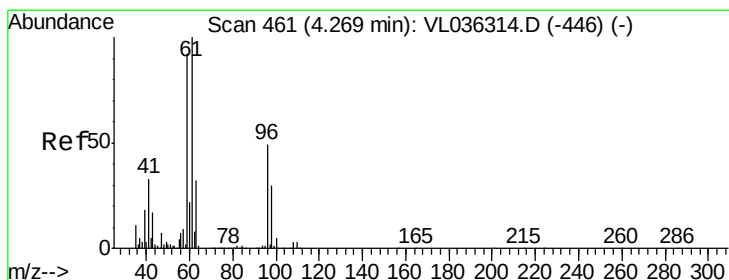
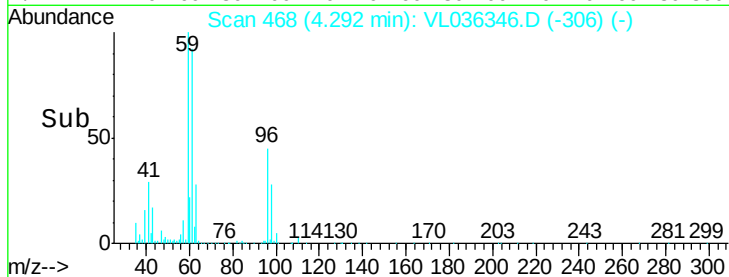
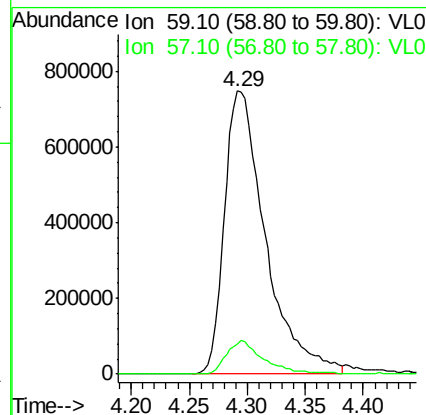
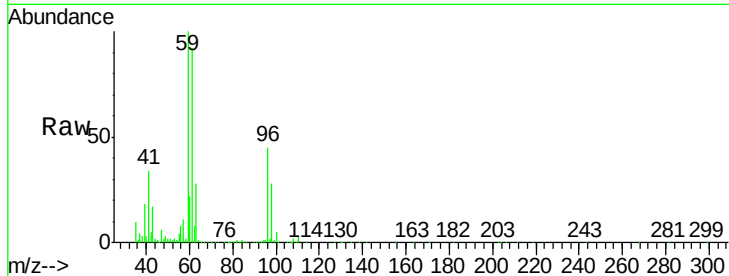
tert-Butyl alcohol
 Concen: 11.788 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T. 0.02 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion: 59 Resp: 1849073
 Ion Ratio Lower Upper
 59 100
 57 11.2 9.0 13.4

Manual Integrations
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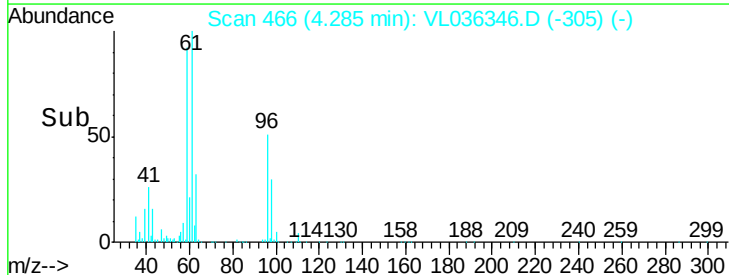
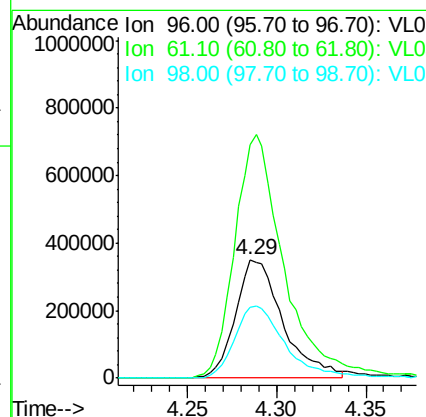
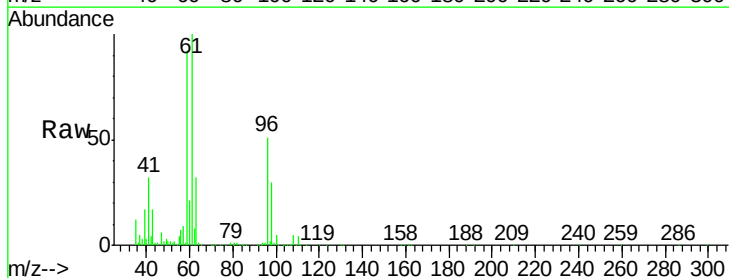
MMDadoda
 2/26/2021 4:16:49 PM

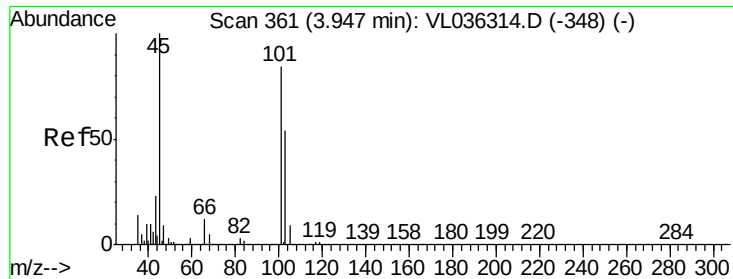


#18

1,1-Dichloroethene
 Concen: 9.467 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. 0.02 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion: 96 Resp: 643826
 Ion Ratio Lower Upper
 96 100
 61 197.5 162.5 243.7
 98 59.9 48.5 72.7





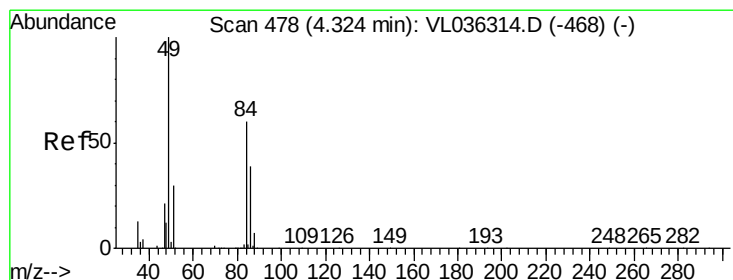
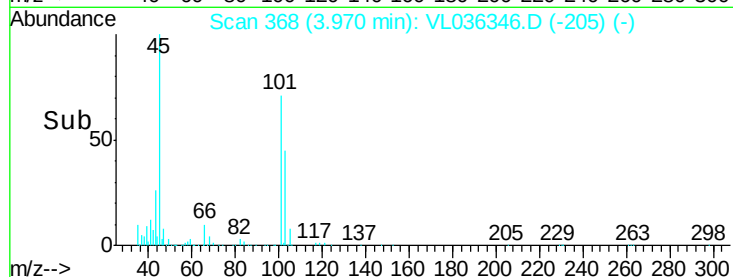
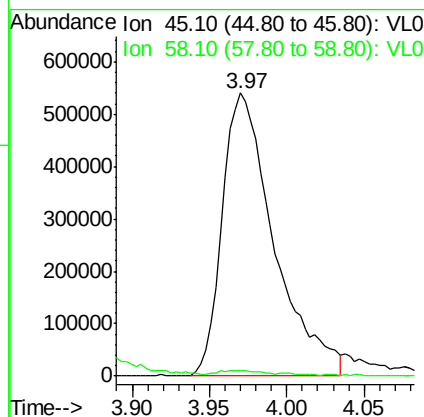
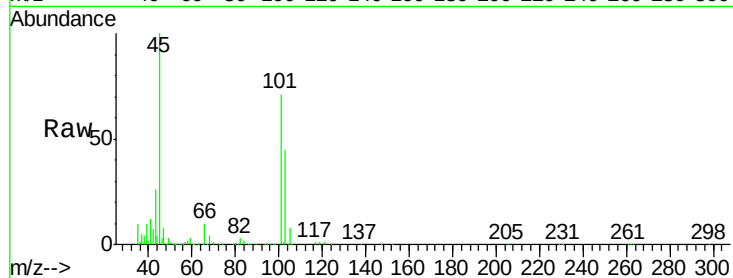
#19
Isopropyl Alcohol
Concen: 11.146 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion: 45 Resp: 1247782
Ion Ratio Lower Upper
45 100
58 2.9 1.9 2.9#

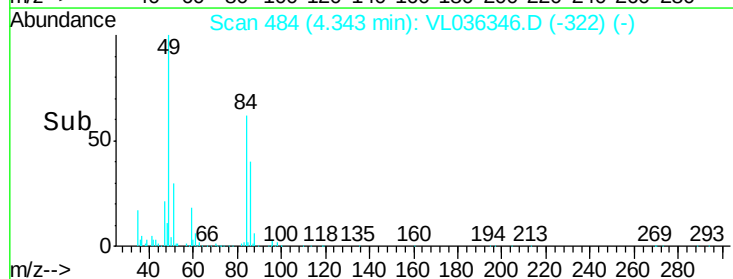
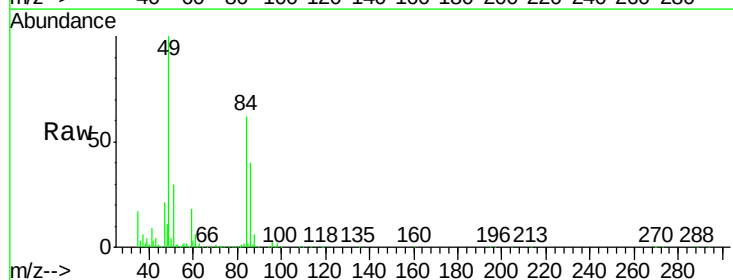
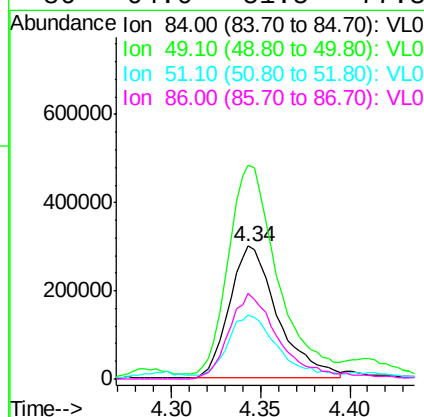
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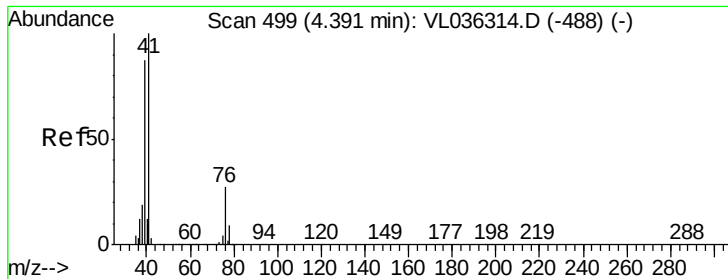
MMDadoda
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#20
Methylene Chloride
Concen: 8.680 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 84 Resp: 565855
Ion Ratio Lower Upper
84 100
49 158.3 133.8 200.8
51 45.7 41.4 62.0
86 64.6 51.5 77.3





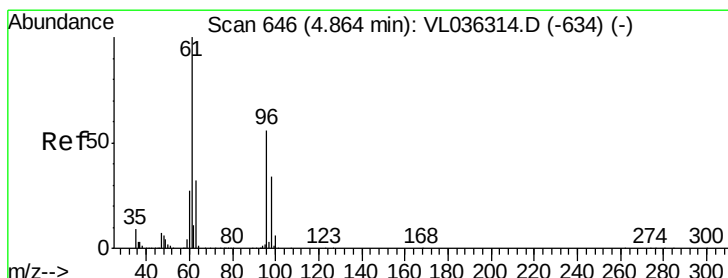
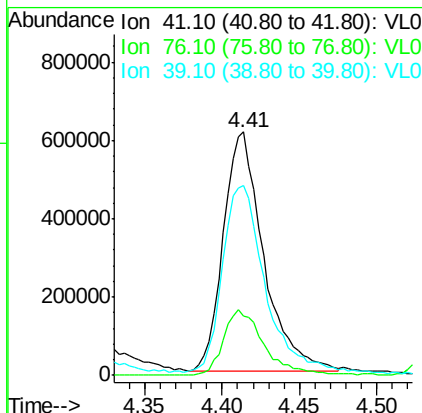
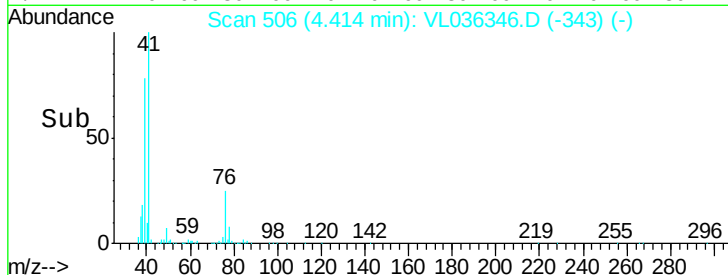
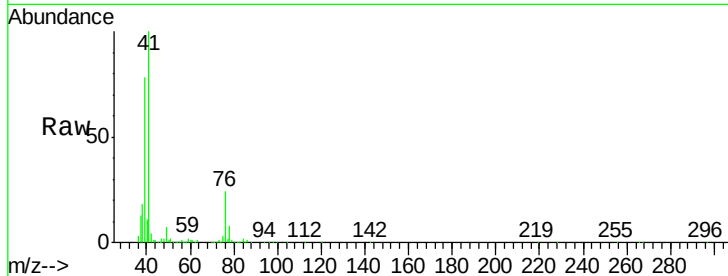
#21
Allvl Chloride
Concen: 9.784 ppbv
RT: 4.41 min Scan# 506
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion: 41 Resp: 1100754
Ion Ratio Lower Upper
41 100
76 27.9 22.0 33.0
39 85.1 70.2 105.2

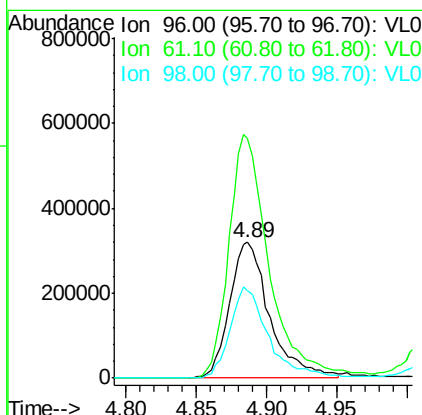
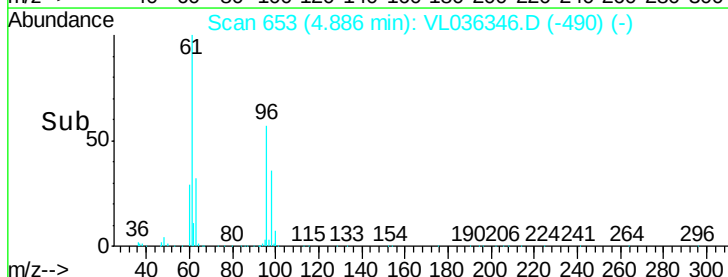
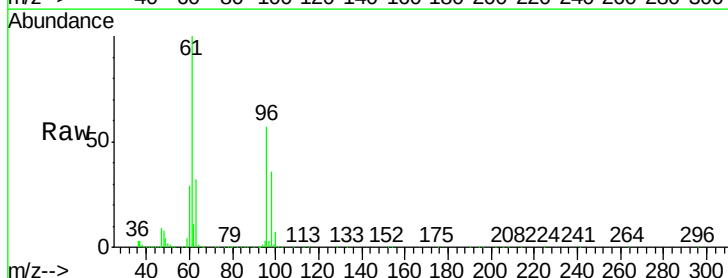
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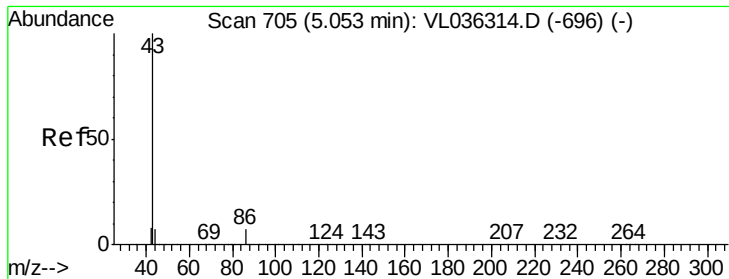
MMDadoda
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#22
trans-1,2-Dichloroethene
Concen: 10.257 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 96 Resp: 633610
Ion Ratio Lower Upper
96 100
61 176.8 143.7 215.5
98 64.5 48.5 72.7





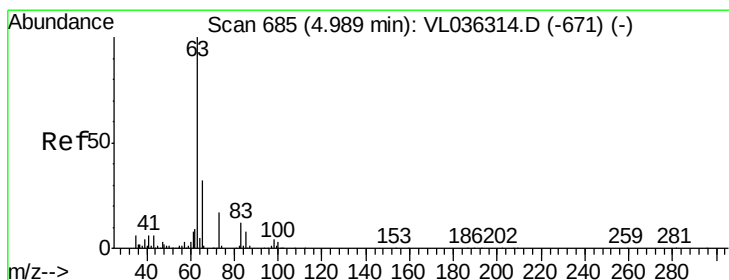
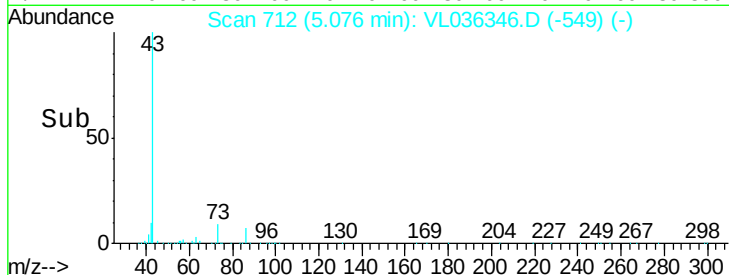
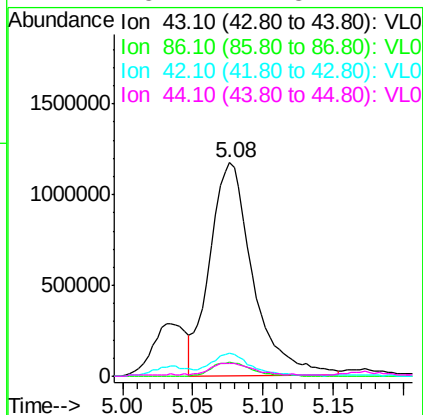
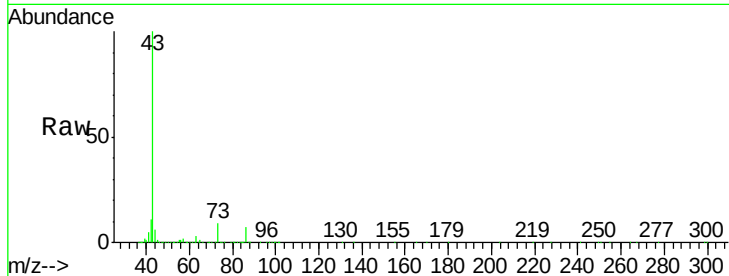
#23
 Vinyl Acetate
 Concen: 10.483 ppbv
 RT: 5.08 min Scan# 712
 Delta R.T. 0.02 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion:	43	Resp:	2490772
Ion	Ratio	Lower	Upper
43	100		
86	6.7	4.8	7.2
42	10.3	7.4	11.0
44	5.7	4.8	7.2

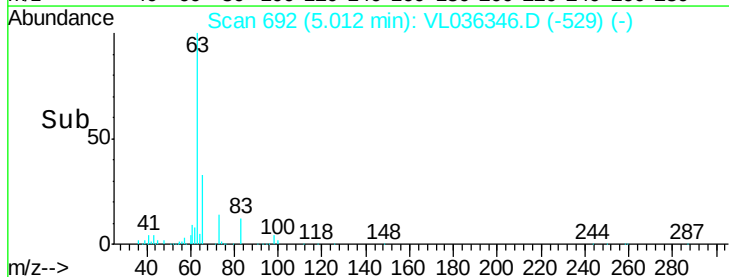
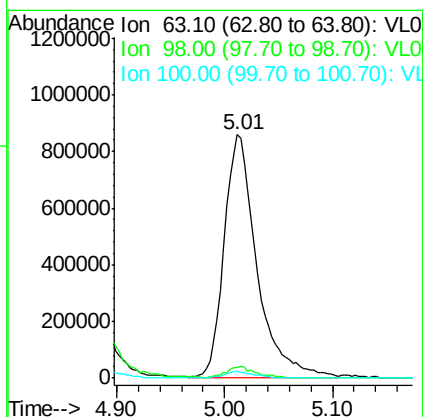
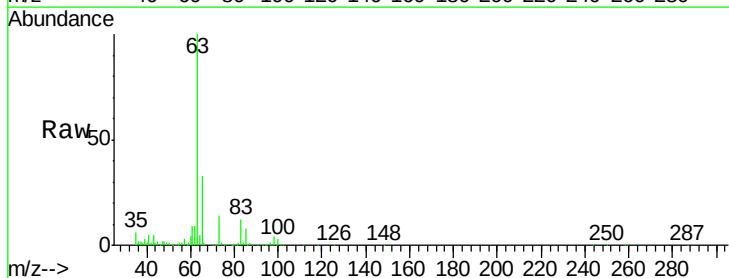
Manual Integrations
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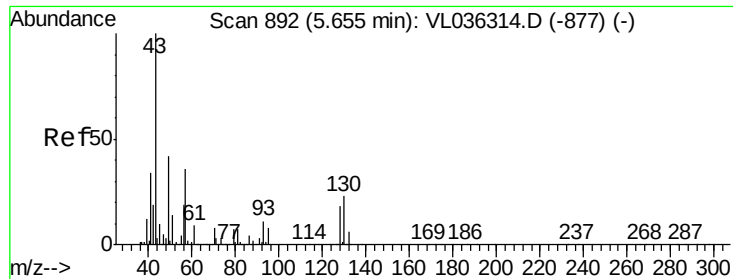
MMDadoda
 2/26/2021 4:16:49 PM



#24
 1,1-Dichloroethane
 Concen: 10.236 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion:	63	Resp:	1798705
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.0	6.0
100	2.6	1.5	4.4





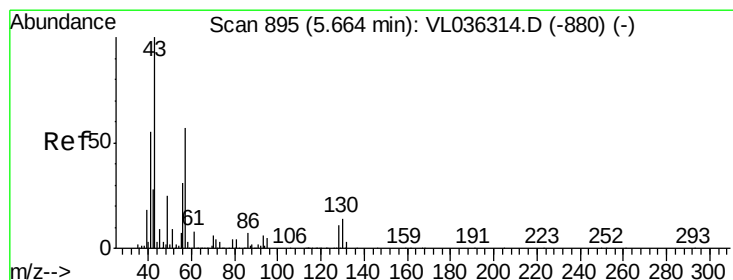
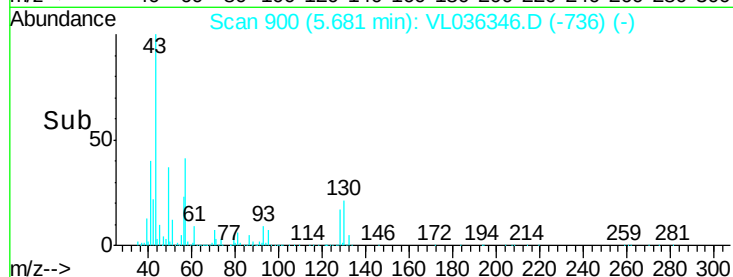
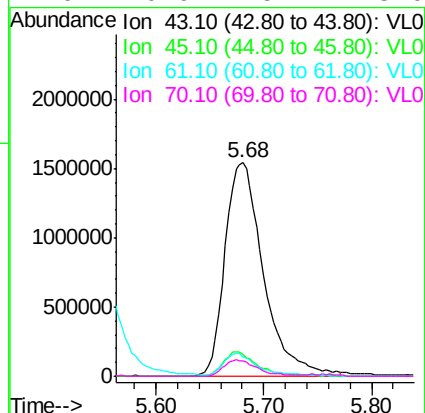
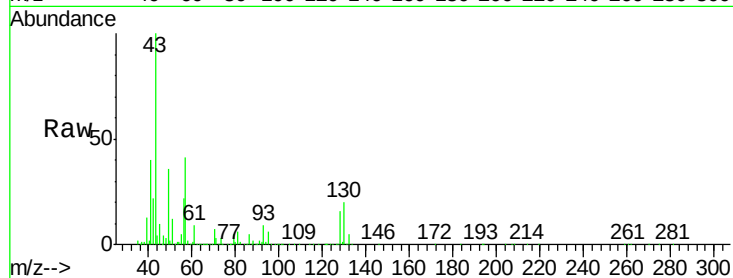
#25
Ethyl Acetate
Concen: 9.788 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion:	43	Resp:	3818452
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.3	12.5
61	9.8	7.3	10.9
70	6.9	5.4	8.0

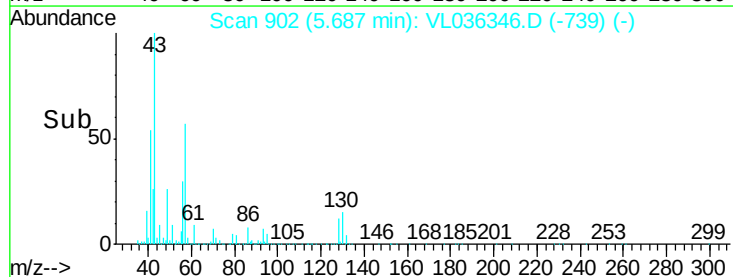
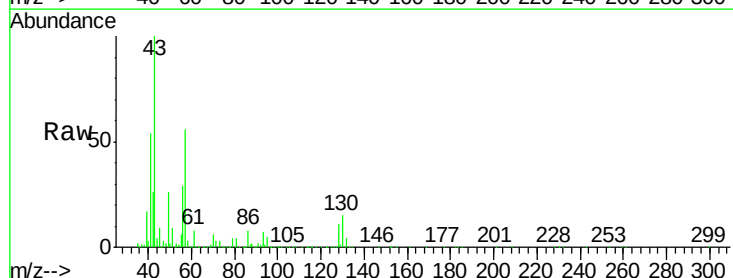
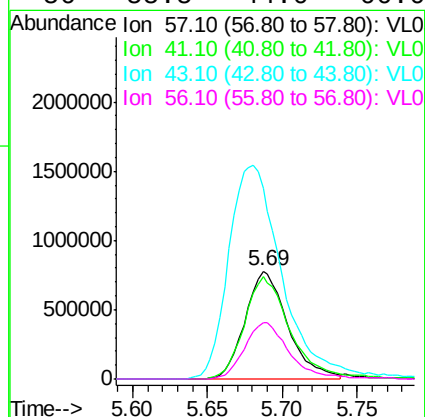
Manual Integrations
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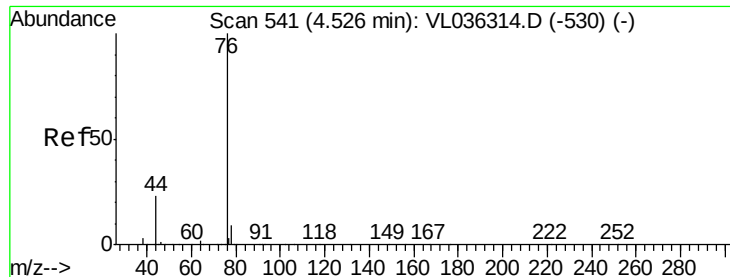
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#26
Hexane
Concen: 9.638 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion:	57	Resp:	1544730
Ion	Ratio	Lower	Upper
57	100		
41	103.1	81.7	122.5
43	250.9	199.1	298.7
56	55.5	44.0	66.0





#27

Carbon Disulfide

Concen: 11.287 ppbv

RT: 4.55 min Scan# 549

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tot Ion: 76 Resp: 1662674

Ion Ratio Lower Upper

76 100

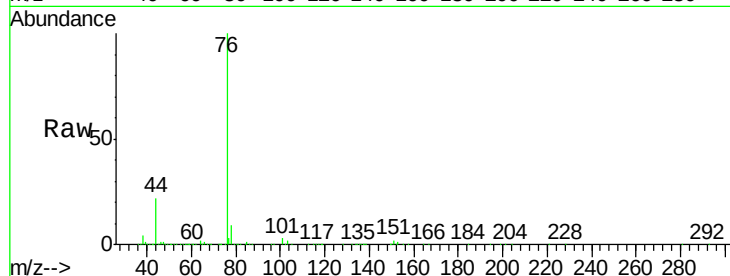
44 21.6 18.4 27.6

78 8.8 8.0 12.0

Manual Integrations
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MMDadoda

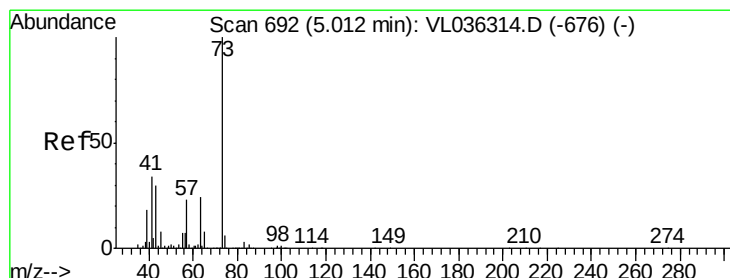
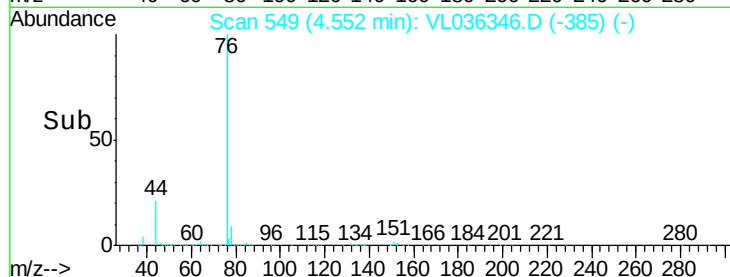
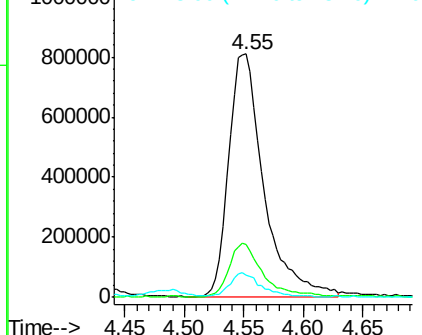
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Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 10.381 ppbv

RT: 5.03 min Scan# 699

Delta R.T. 0.02 min

Lab File: VL036346.D

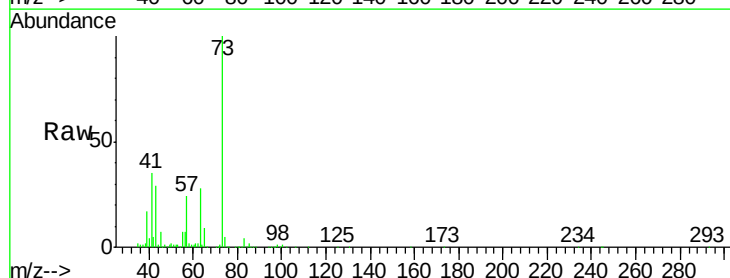
Acq: 24 Feb 2021 11:54

Tgt Ion: 73 Resp: 2173548

Ion Ratio Lower Upper

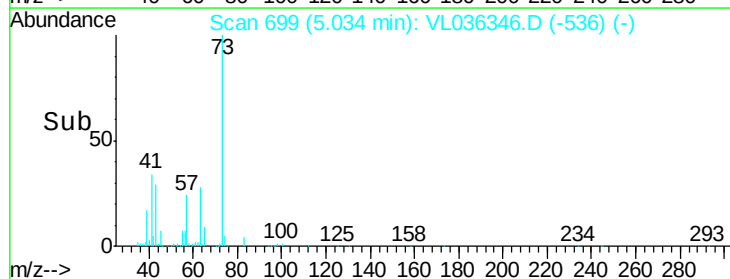
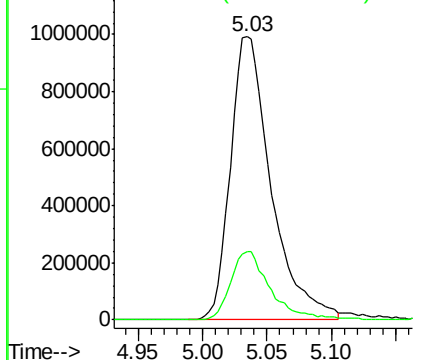
73 100

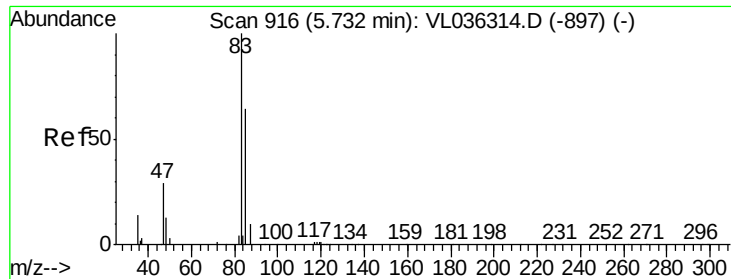
57 23.9 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





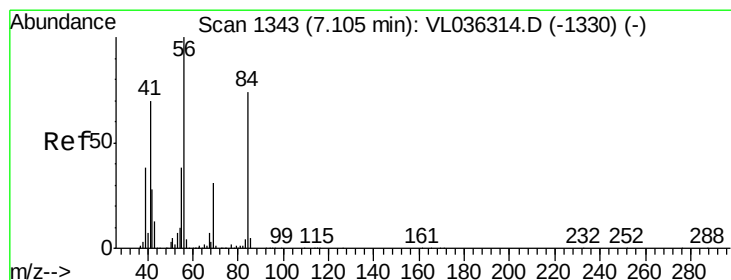
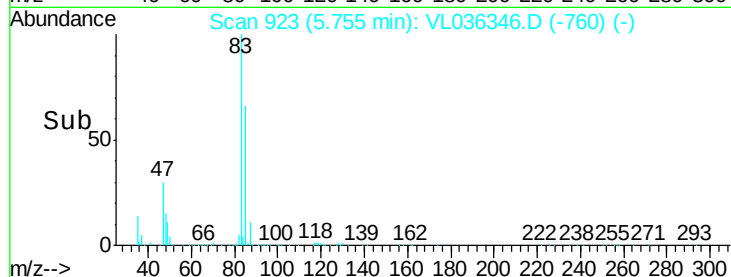
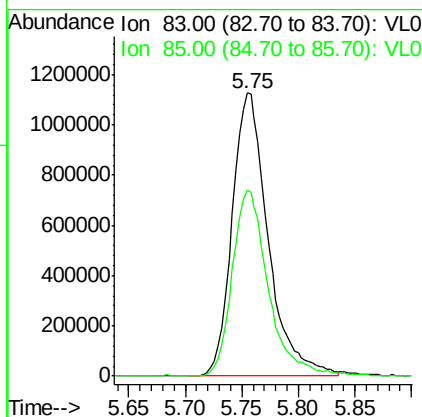
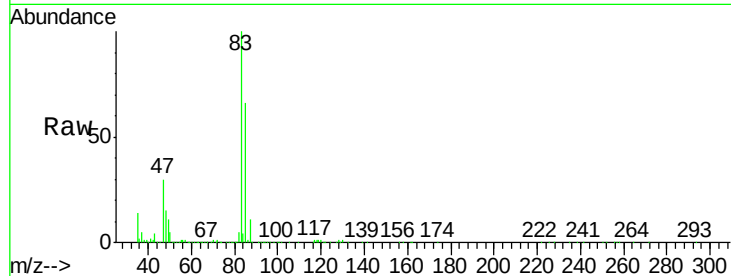
#29
Chloroform
Concen: 9.665 ppbv
RT: 5.75 min Scan# 923
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion: 83 Resp: 2495846
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.2

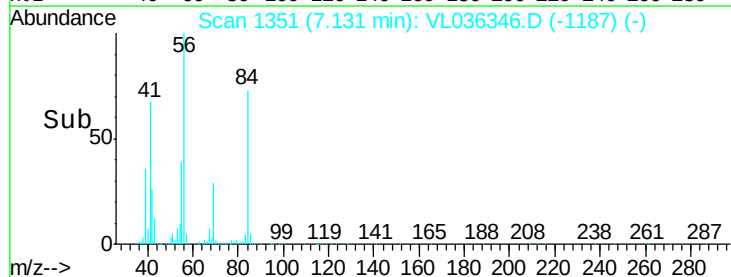
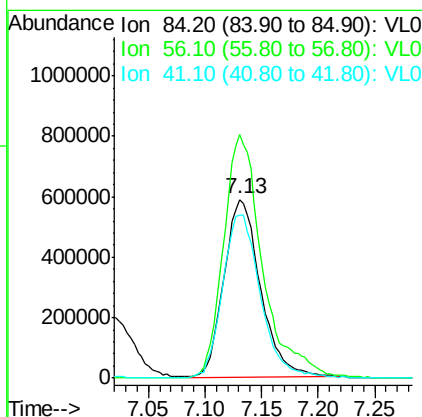
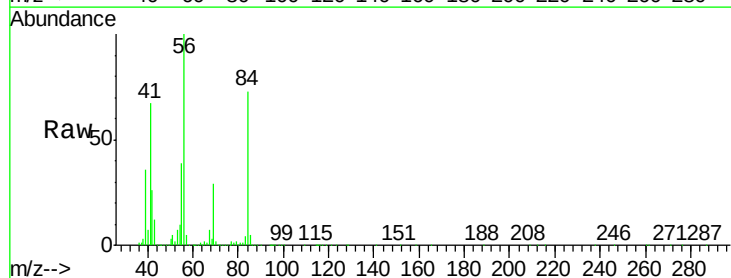
Manual Integrations
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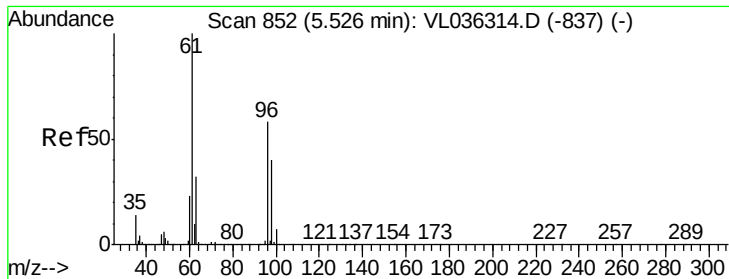
MMDadoda
2/26/2021 4:16:49 PM



#30
Cyclohexane
Concen: 9.959 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 84 Resp: 1327505
Ion Ratio Lower Upper
84 100
56 147.3 120.2 180.4
41 95.2 79.7 119.5





#31

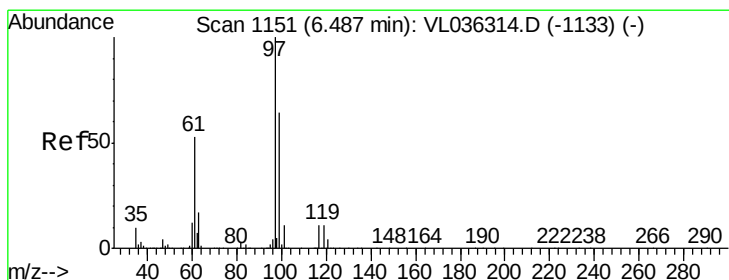
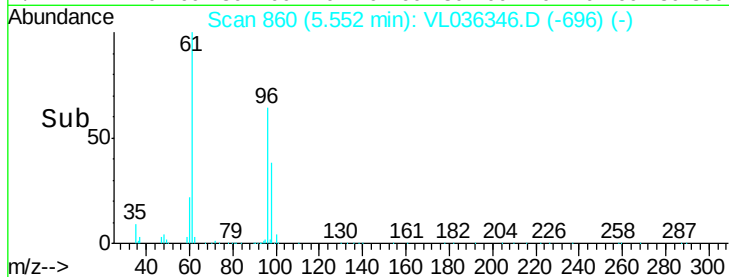
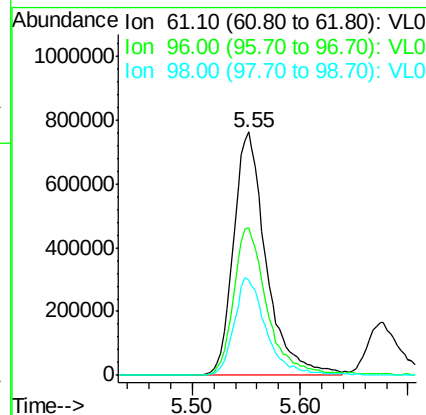
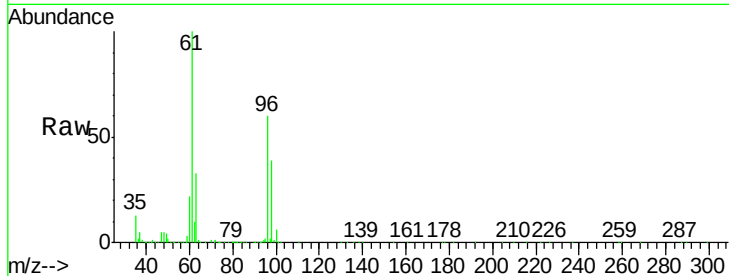
cis-1,2-Dichloroethene
Concen: 10.158 ppbv
RT: 5.55 min Scan# 860
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion	Ratio	Lower	Upper
61	100		
96	60.5	46.0	69.0
98	38.8	31.9	47.9

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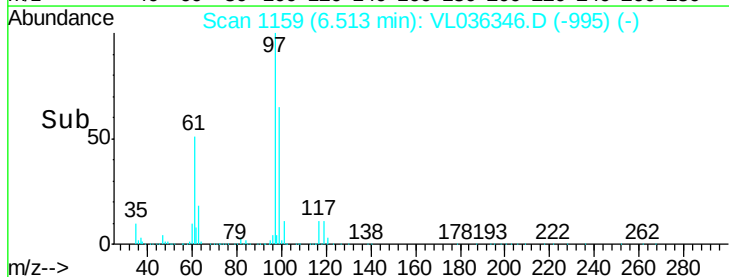
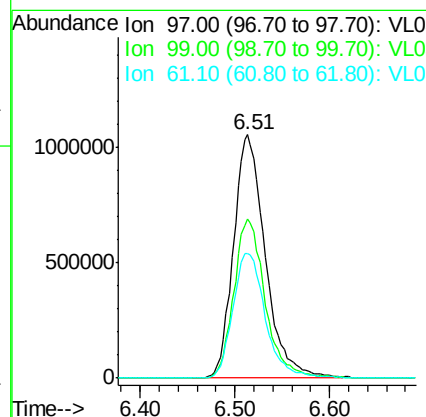
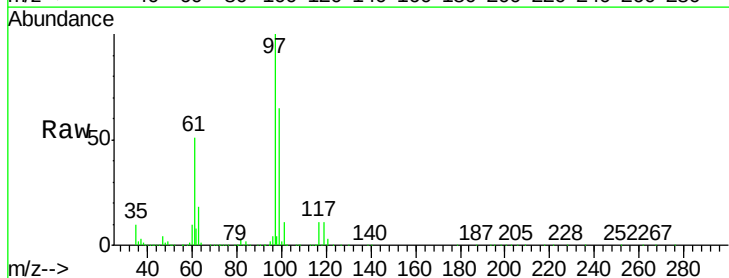
MMDadoda
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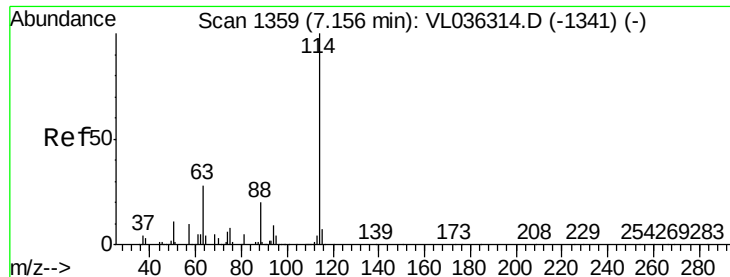


#32

1,1,1-Trichloroethane
Concen: 10.150 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.2	78.4
61	52.7	43.3	64.9





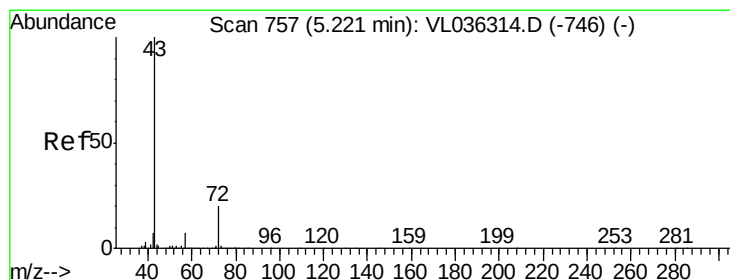
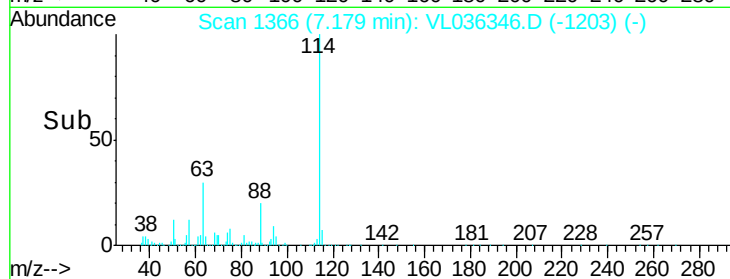
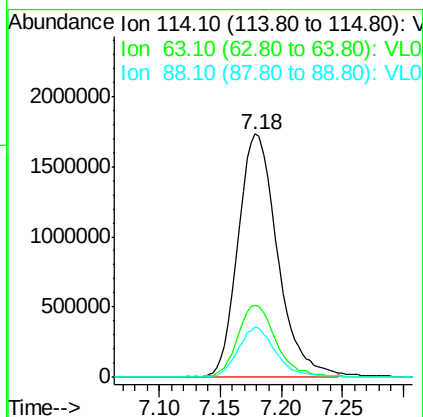
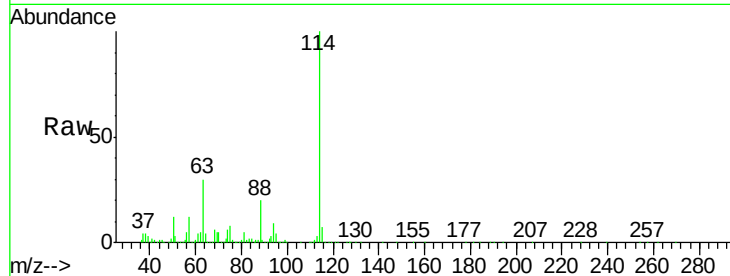
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.02 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.1	36.1
88	20.0	16.0	24.0

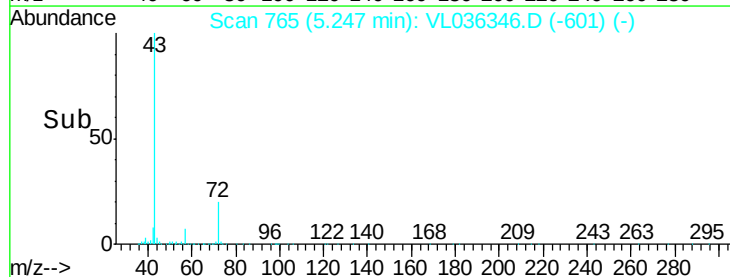
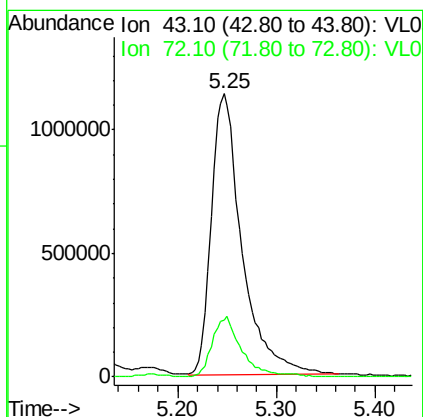
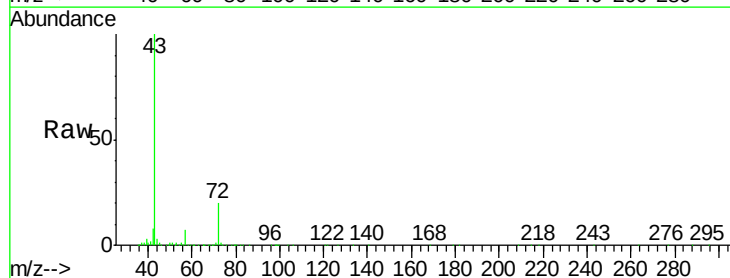
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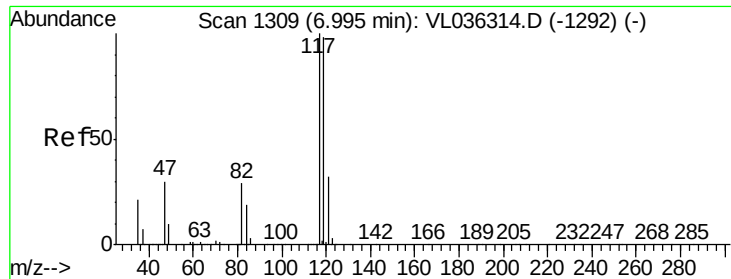
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#34
 2-Butanone
 Concen: 9.603 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.8	16.7	25.1





#35

Carbon Tetrachloride

Concen: 9.579 ppbv

RT: 7.02 min Scan# 1316

Delta R.T. 0.02 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

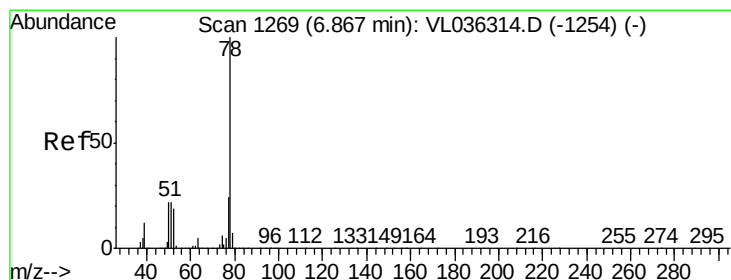
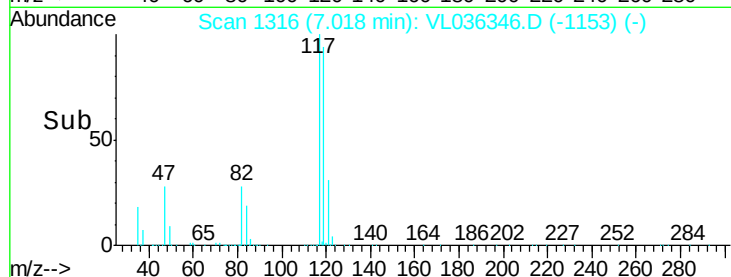
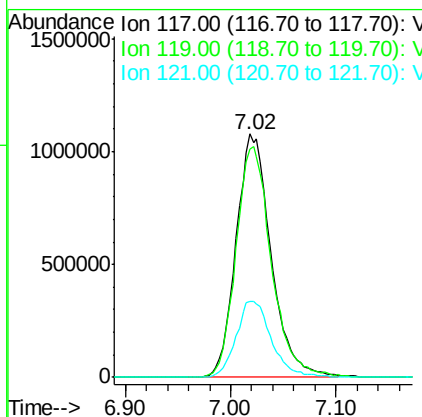
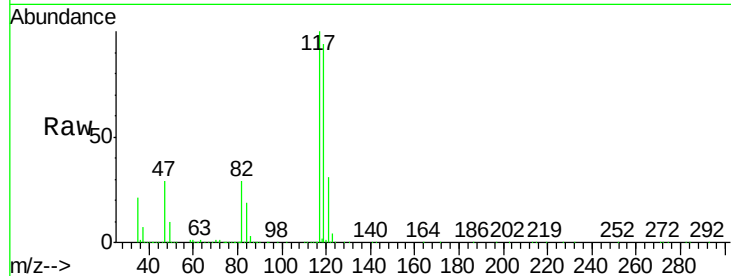
ClientSampleId :

VL0224ABS01

Tot Ion:	117	Resp:	2486547
Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.1	117.1
121	31.2	25.8	38.8

Manual Integrations
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#36

Benzene

Concen: 9.859 ppbv

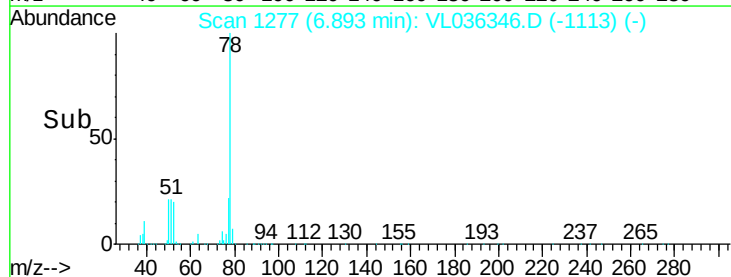
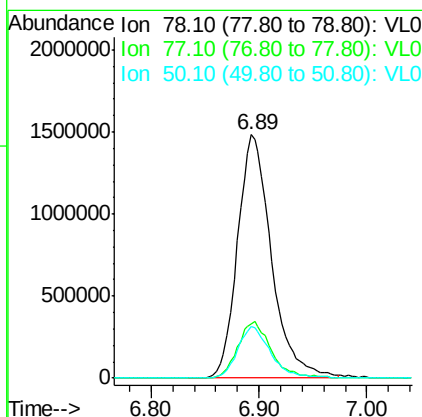
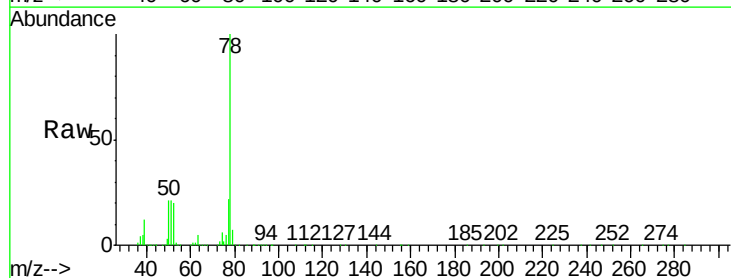
RT: 6.89 min Scan# 1277

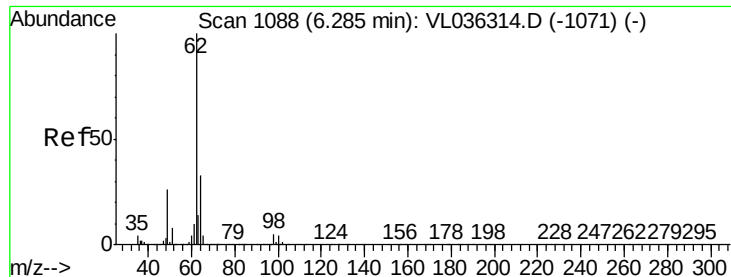
Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Tgt Ion:	78	Resp:	3243709
Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.9	28.3
50	21.4	17.3	25.9





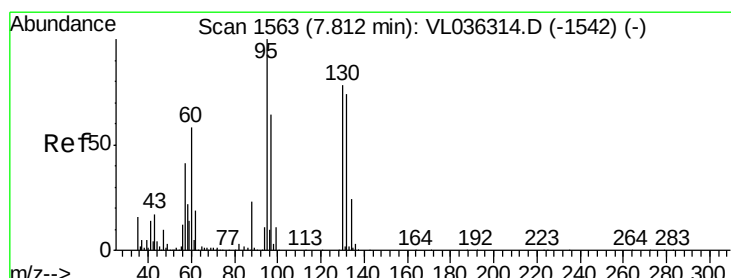
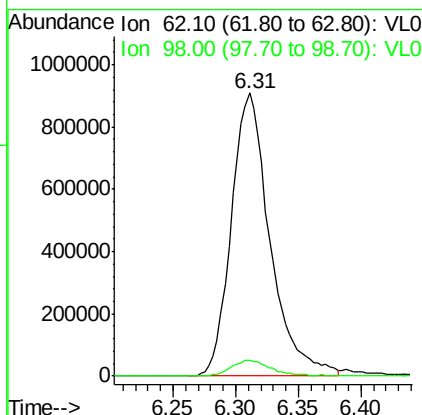
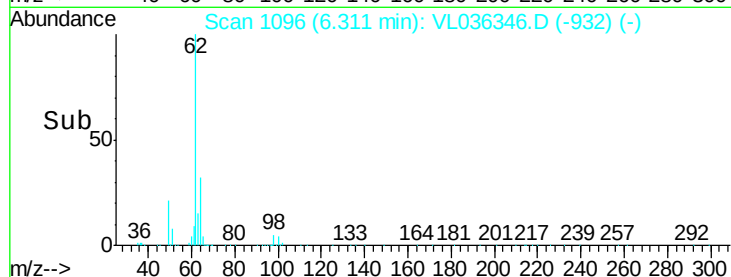
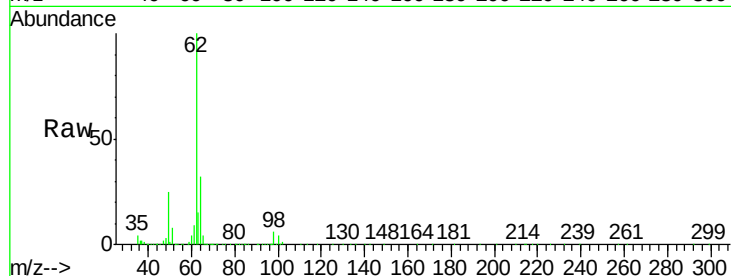
#37
 1,2-Dichloroethane
 Concen: 9.587 ppbv
 RT: 6.31 min Scan# 1096
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion	Ratio	Lower	Upper
62	100		
98	5.9	4.5	6.7

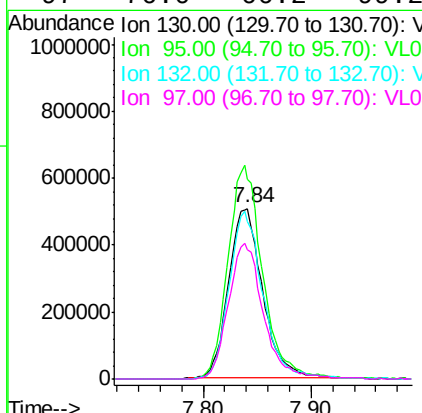
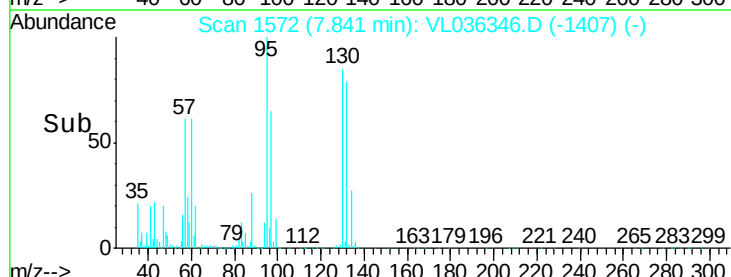
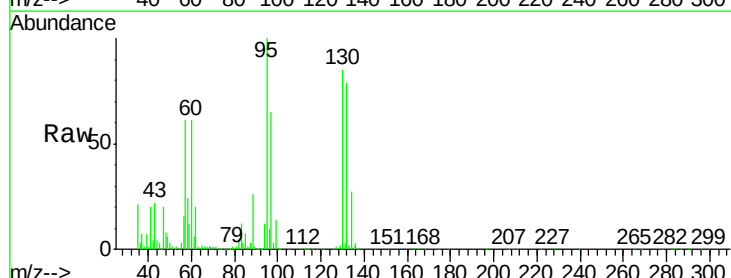
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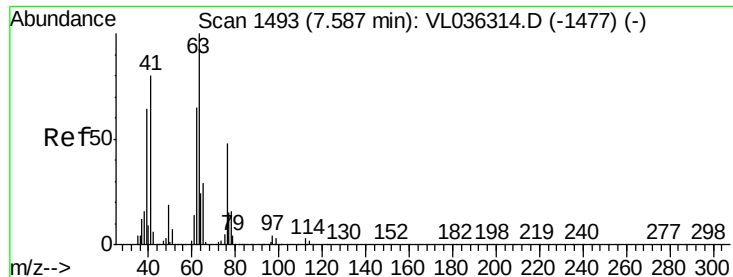
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#38
 Trichloroethene
 Concen: 9.518 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	117.7	102.8	154.2
132	93.2	75.7	113.5
97	76.0	66.2	99.2





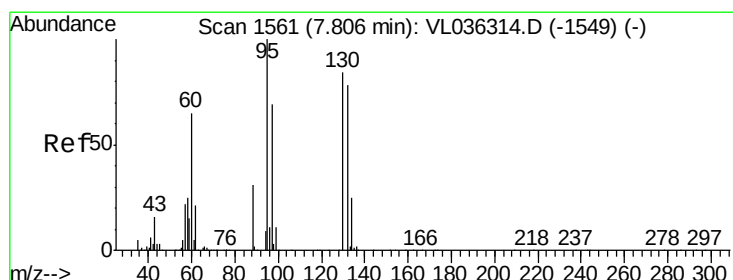
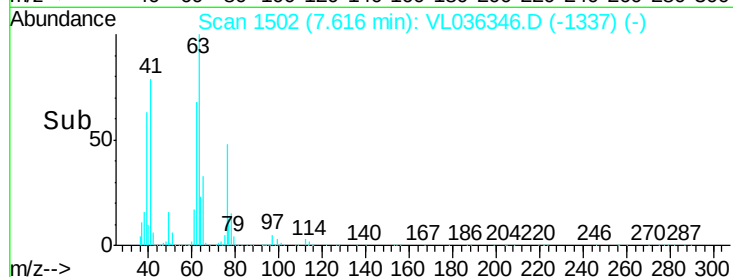
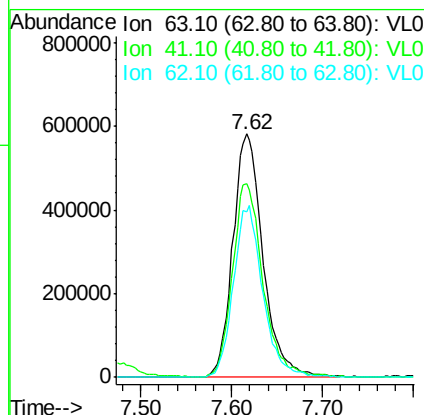
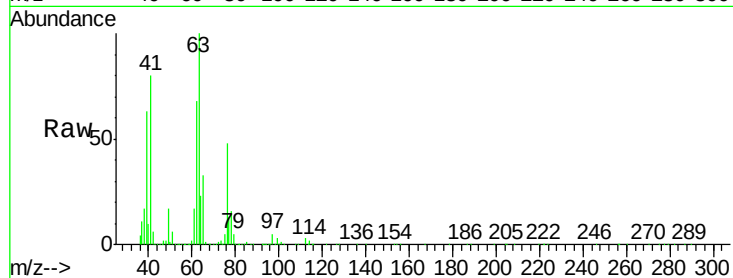
#39
 1,2-Dichloropropane
 Concen: 9.989 ppbv
 RT: 7.62 min Scan# 1502
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion	Ratio	Lower	Upper
63	100		
41	79.4	63.8	95.6
62	67.6	52.3	78.5

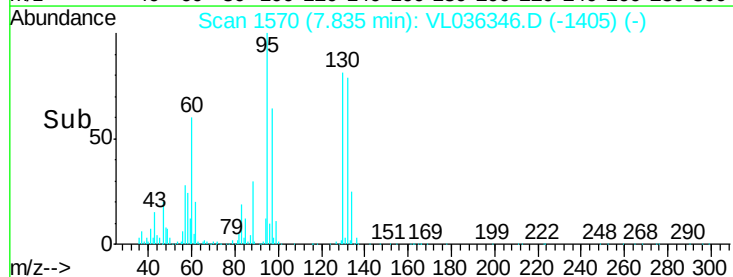
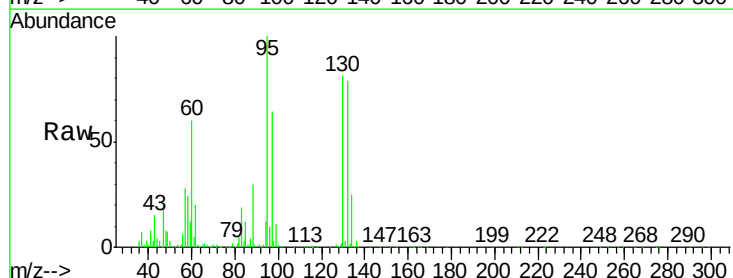
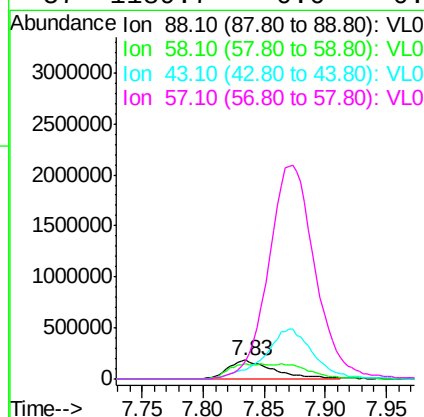
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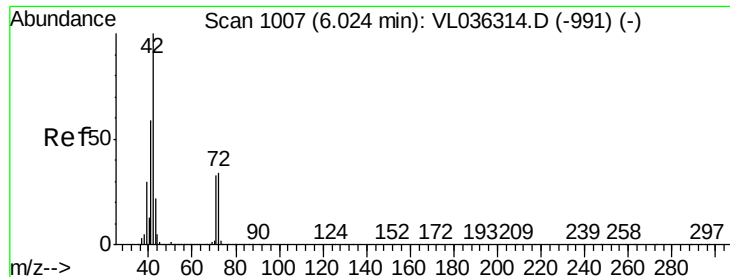
MMDadoda
 2/26/2021 4:16:49 PM



#40
 1,4-Dioxane
 Concen: 10.160 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	140.4	45.0	67.4#
43	289.9	0.0	0.0#
57	1189.7	0.0	0.0#





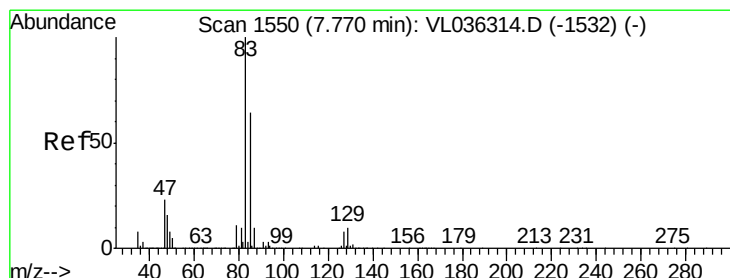
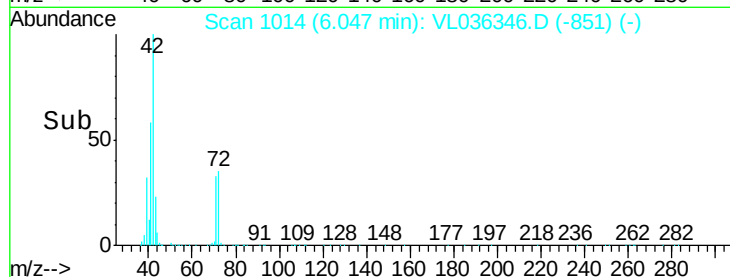
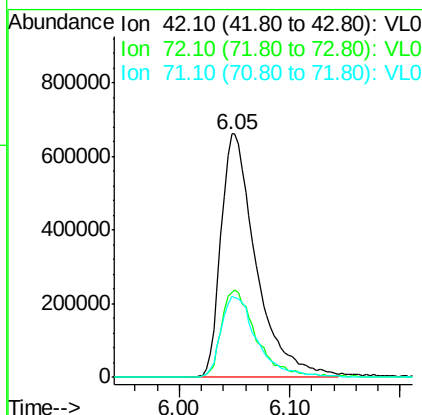
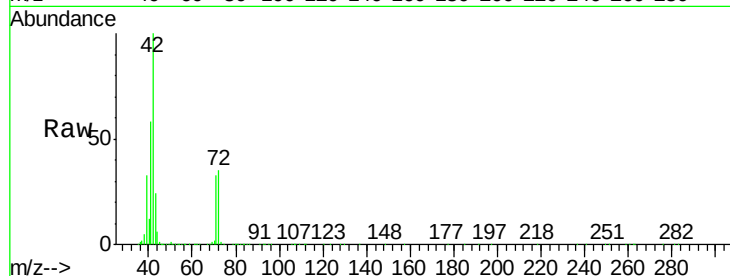
#41
Tetrahydrofuran
Concen: 10.196 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.2	29.3	43.9
71	34.6	27.8	41.8

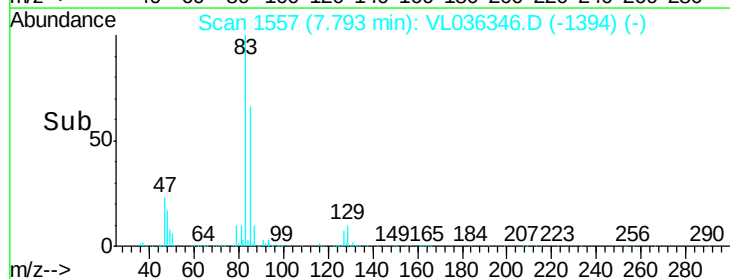
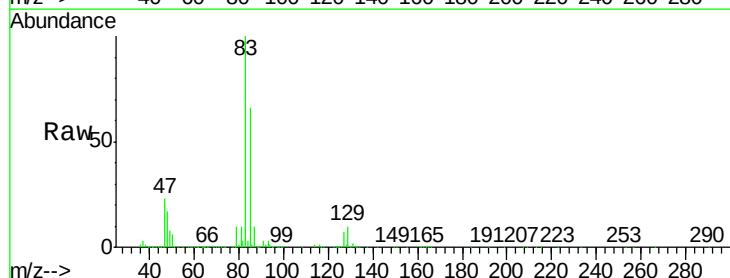
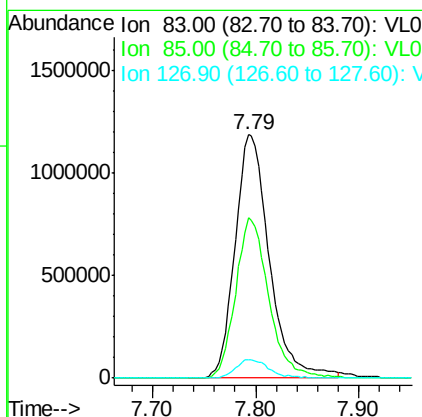
Manual Integrations
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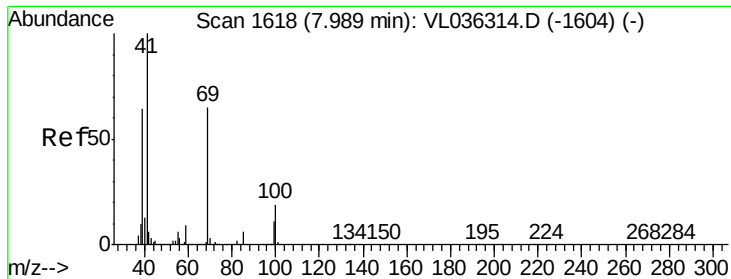
MMDadoda
2/26/2021 4:16:49 PM



#42
Bromodichloromethane
Concen: 10.097 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.1	76.7
127	7.4	6.3	9.5





#43

Methyl Methacrylate

Concen: 10.636 ppbv

RT: 8.01 min Scan# 1626

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L

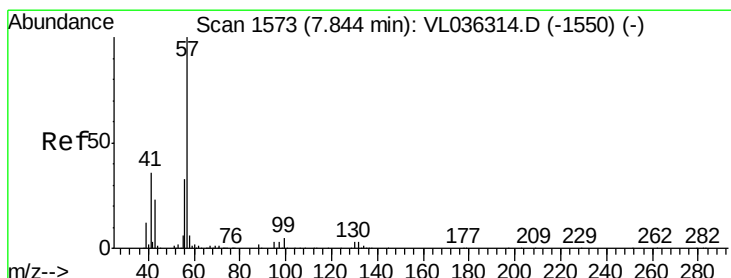
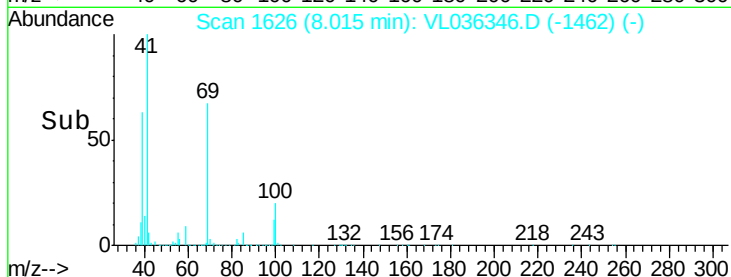
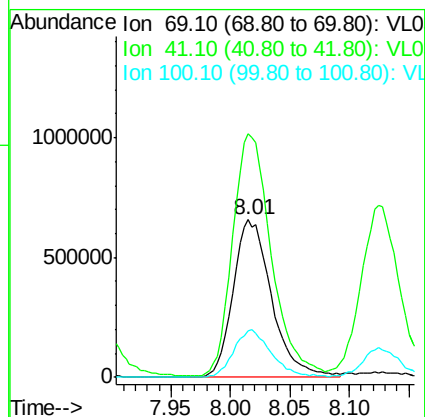
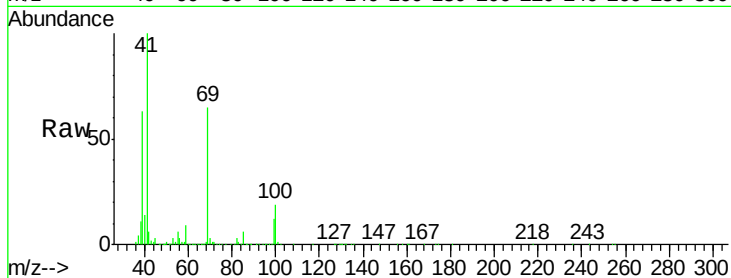
ClientSampleId :
VL0224ABS01

Tot Ion: 69 Resp: 1475738

Ion	Ratio	Lower	Upper
69	100		
41	155.8	126.5	189.7
100	29.5	23.1	34.7

Manual Integrations
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#44

2,2,4-Trimethylpentane

Concen: 9.328 ppbv

RT: 7.87 min Scan# 1582

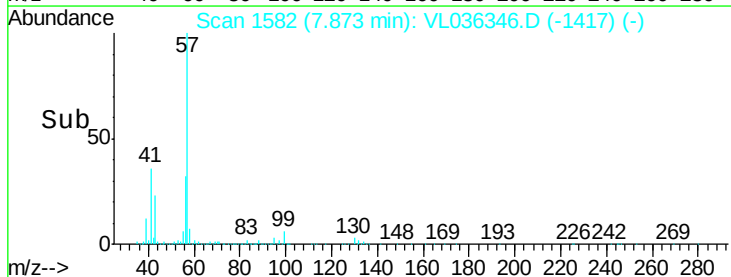
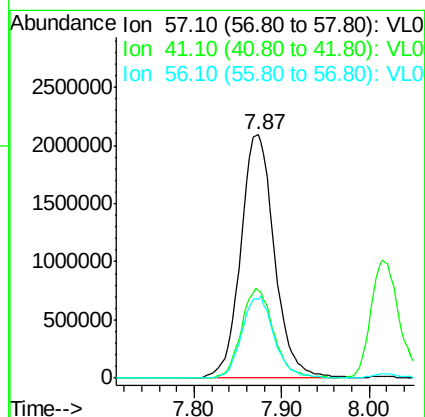
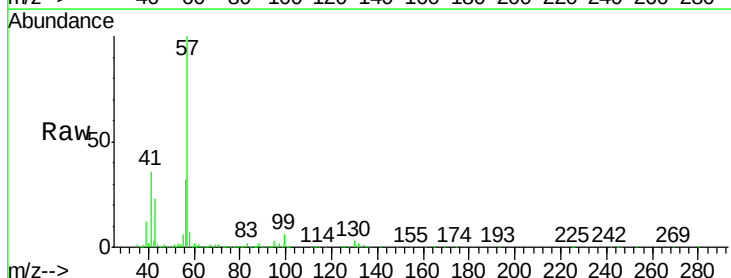
Delta R.T. 0.03 min

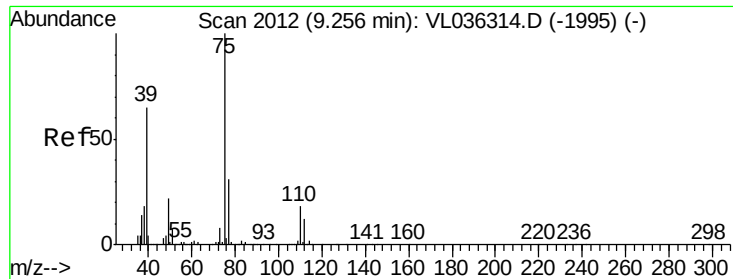
Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Tgt Ion: 57 Resp: 5580243

Ion	Ratio	Lower	Upper
57	100		
41	35.4	28.8	43.2
56	32.3	25.8	38.6





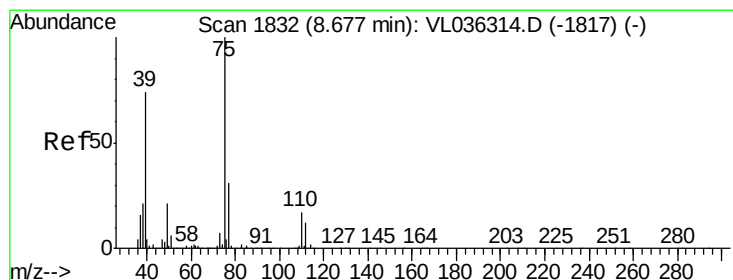
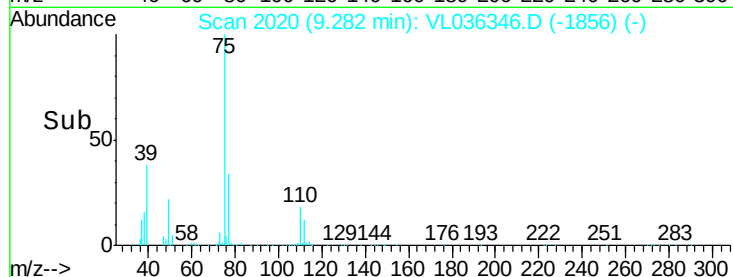
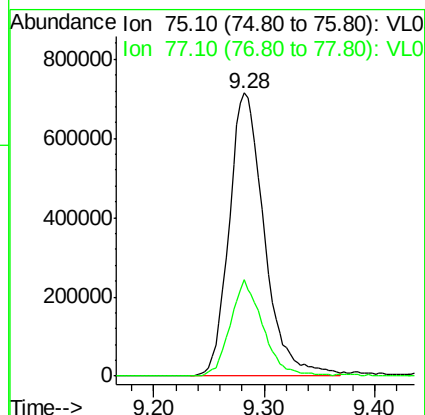
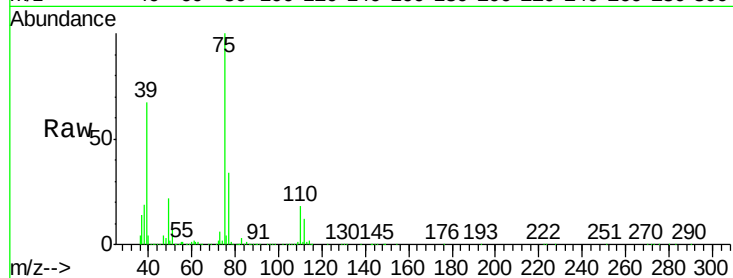
#45
t-1,3-Dichloropropene
Concen: 11.775 ppbv
RT: 9.28 min Scan# 2020
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion: 75 Resp: 1576104
Ion Ratio Lower Upper
75 100
77 34.0 24.6 37.0

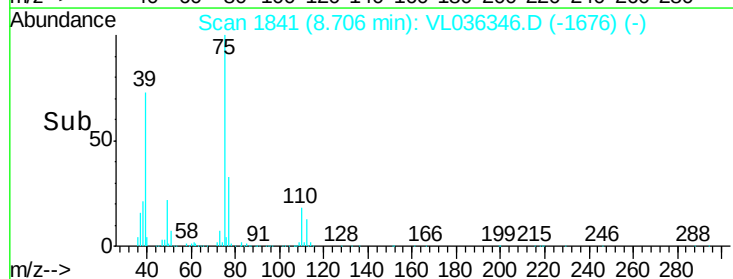
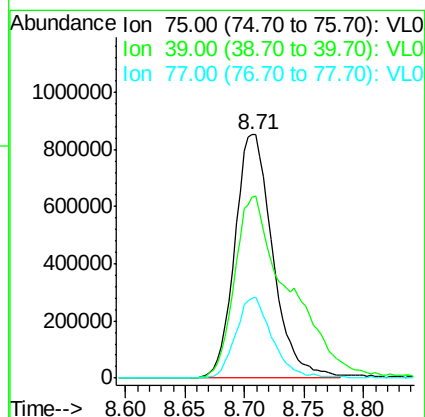
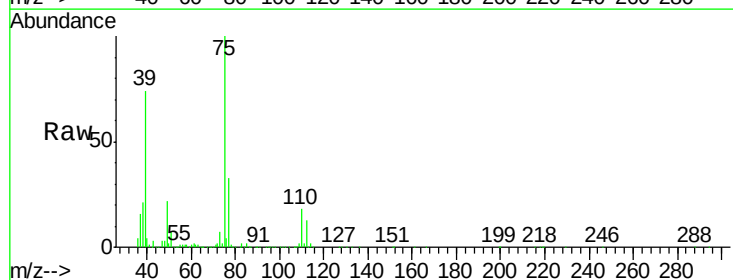
Manual Integrations
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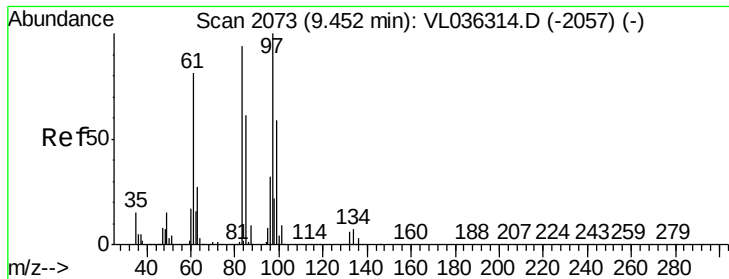
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 11.066 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 75 Resp: 1881549
Ion Ratio Lower Upper
75 100
39 74.1 59.2 88.8
77 32.8 25.0 37.6





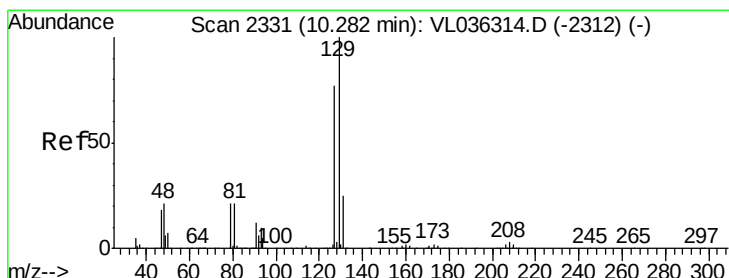
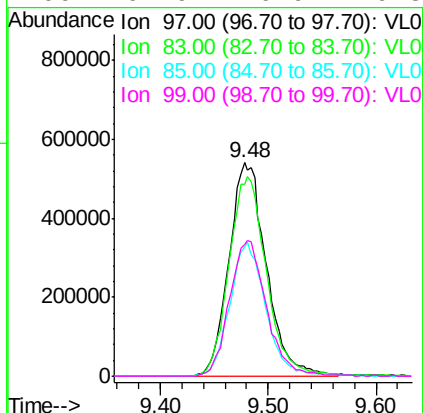
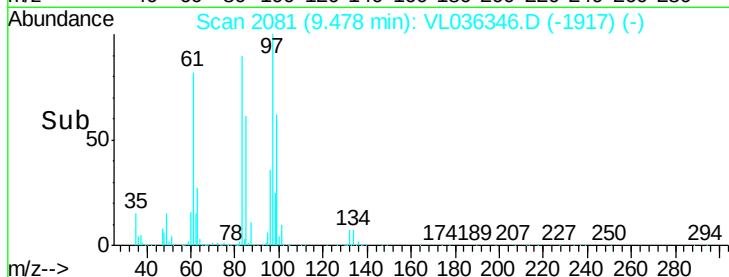
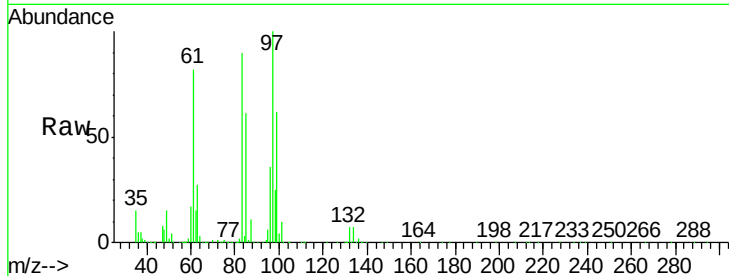
#47
 1,1,2-Trichloroethane
 Concen: 9.525 ppbv
 RT: 9.48 min Scan# 2081
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.7	75.4	113.0
85	60.8	48.9	73.3
99	61.9	46.9	70.3

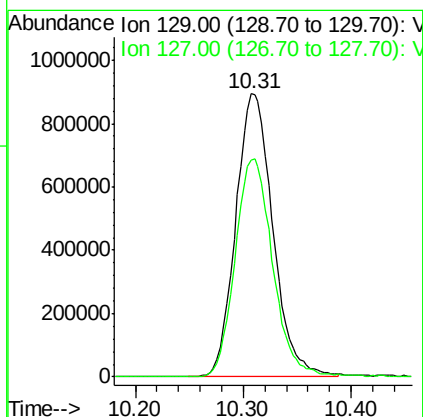
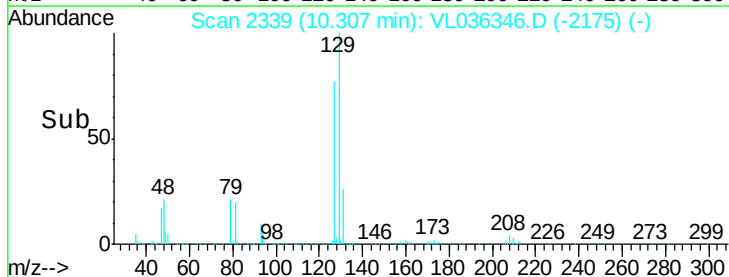
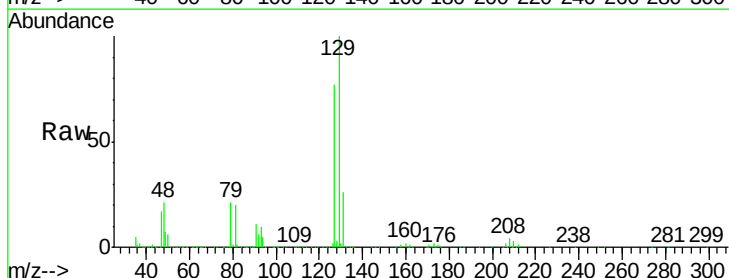
Manual Integrations
 APPROVED

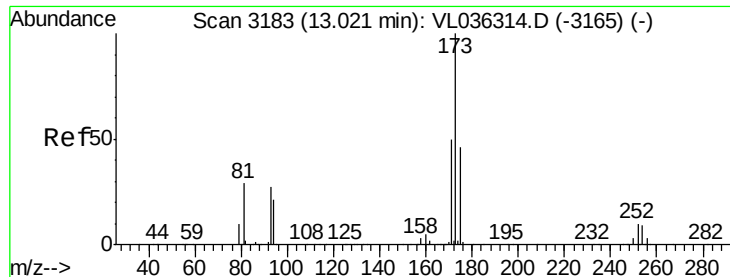
MMDadoda
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#48
 Dibromochloromethane
 Concen: 10.509 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.1	117.2





#49

Bromoform

Concen: 10.679 ppbv

RT: 13.05 min Scan# 3192

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tot Ion:173 Resp: 1762015

Ion Ratio Lower Upper

173 100

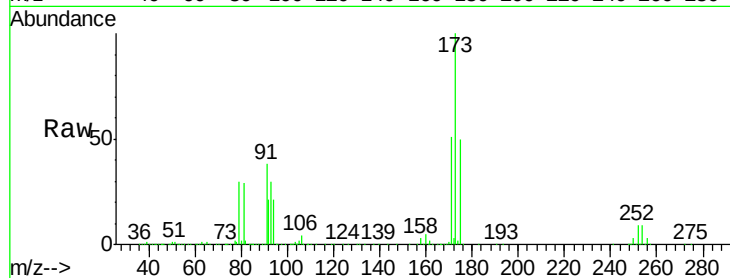
175 52.2 40.2 60.2

171 55.0 43.4 65.2

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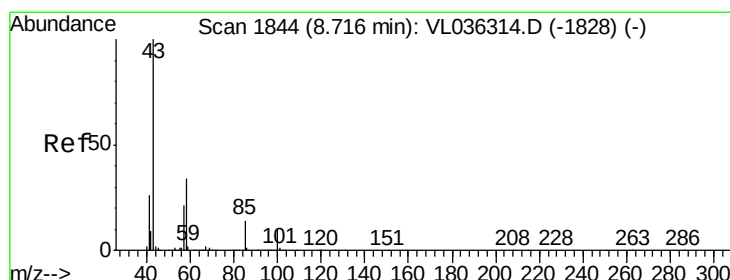
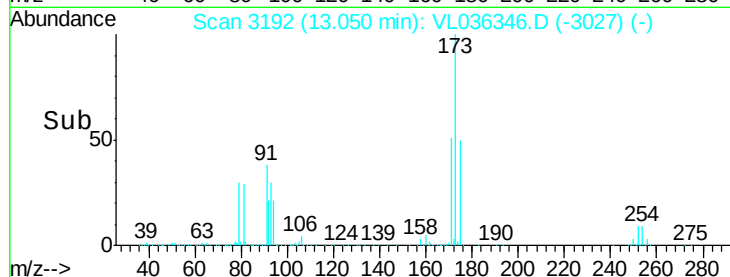
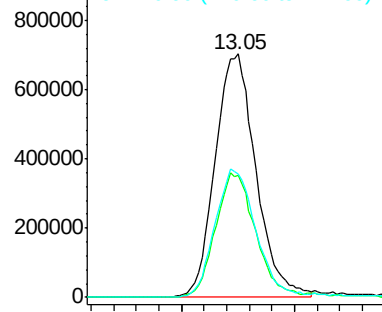
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.936 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.03 min

Lab File: VL036346.D

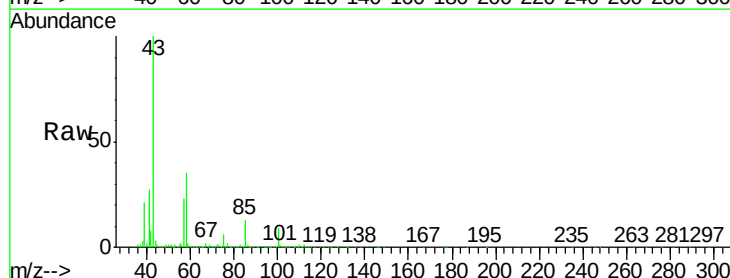
Acq: 24 Feb 2021 11:54

Tgt Ion: 43 Resp: 3795574

Ion Ratio Lower Upper

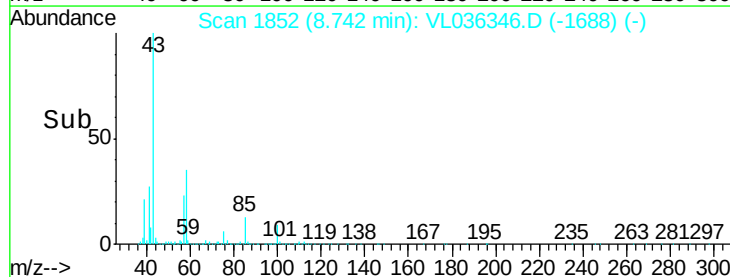
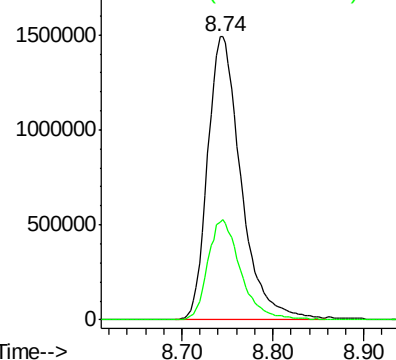
43 100

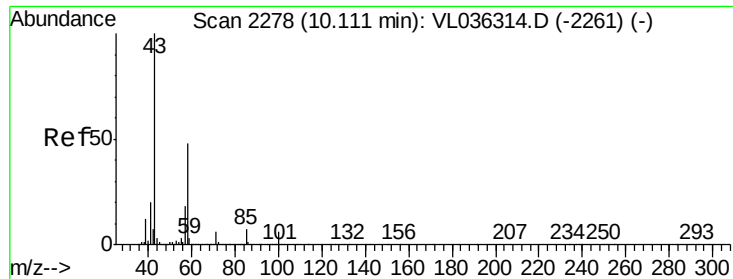
58 35.2 27.8 41.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.615 ppbv

RT: 10.14 min Scan# 2287

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tot Ion: 43 Resp: 3081246

Ion Ratio Lower Upper

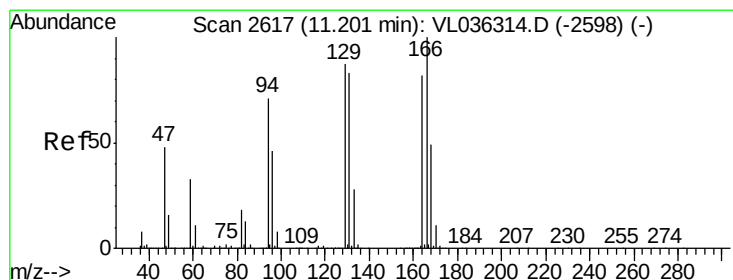
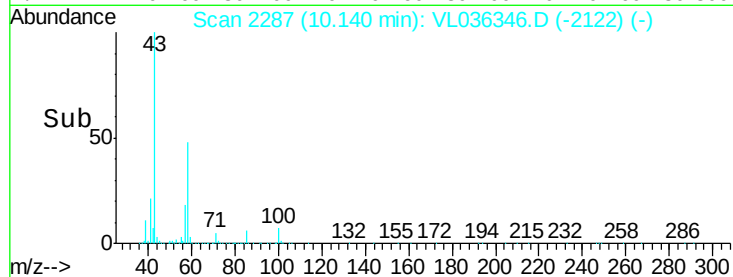
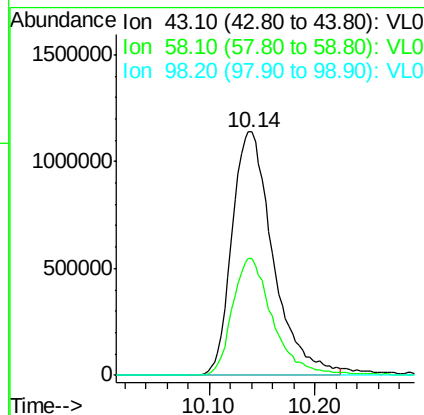
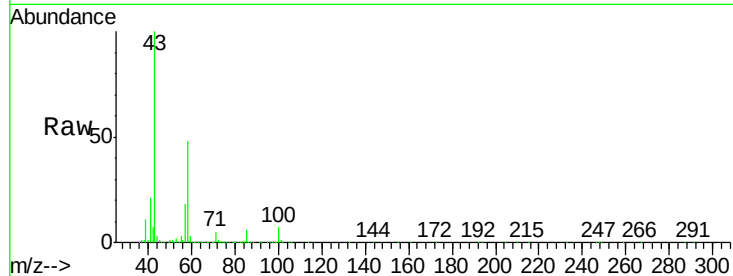
43 100

58 47.9 38.7 58.1

98 0.3 0.4 0.6#

Manual Integrations
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#52

Tetrachloroethene

Concen: 8.968 ppbv

RT: 11.23 min Scan# 2625

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Tgt Ion: 164 Resp: 1080126

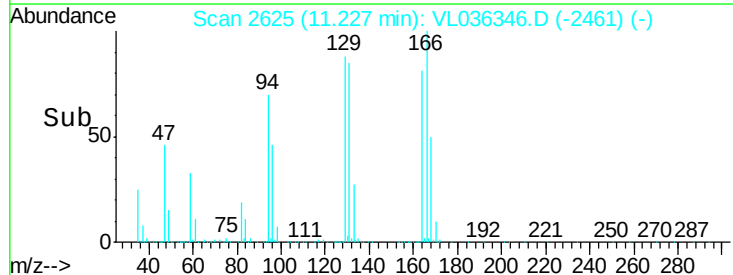
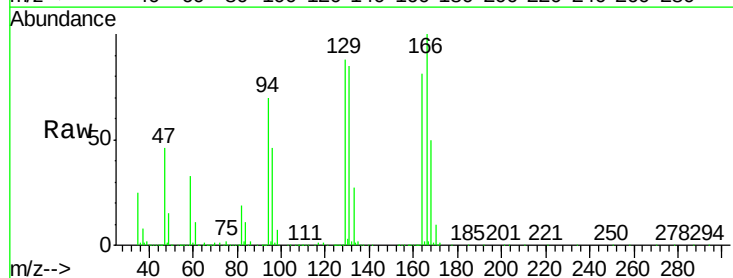
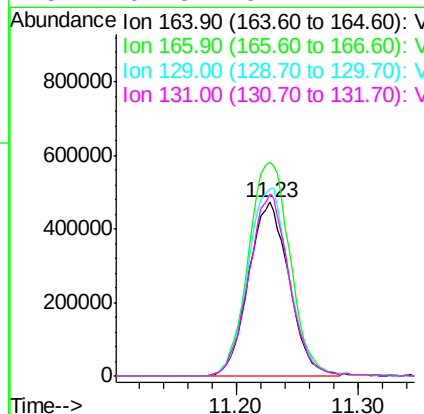
Ion Ratio Lower Upper

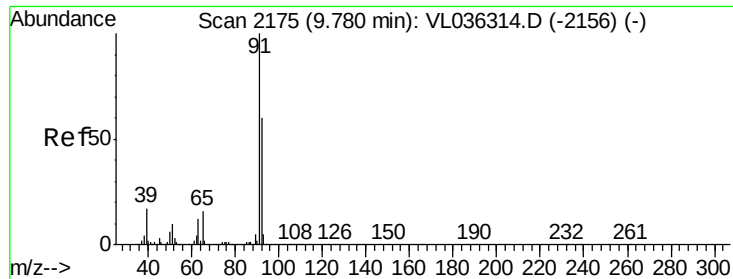
164 100

166 123.0 97.8 146.8

129 107.8 84.9 127.3

131 104.3 81.4 122.2





#53

Toluene

Concen: 10.248 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tot Ion: 91 Resp: 3652029

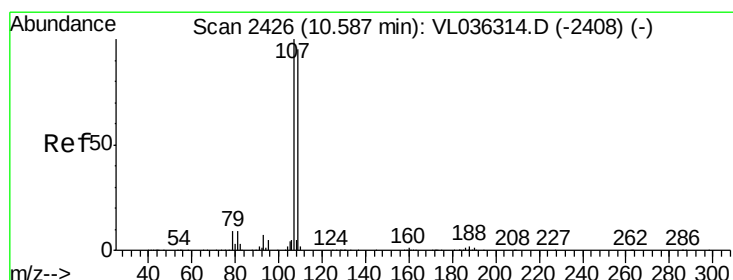
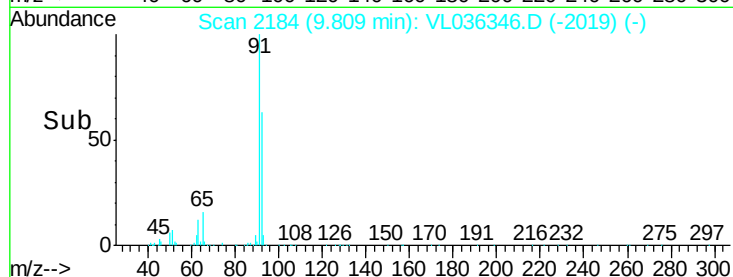
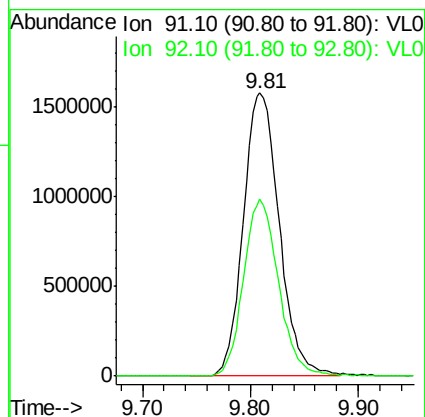
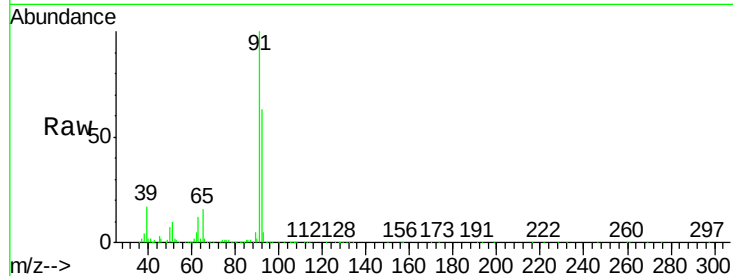
Ion Ratio Lower Upper

91 100

92 61.1 48.6 72.8

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#54

1,2-Dibromoethane

Concen: 9.853 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.03 min

Lab File: VL036346.D

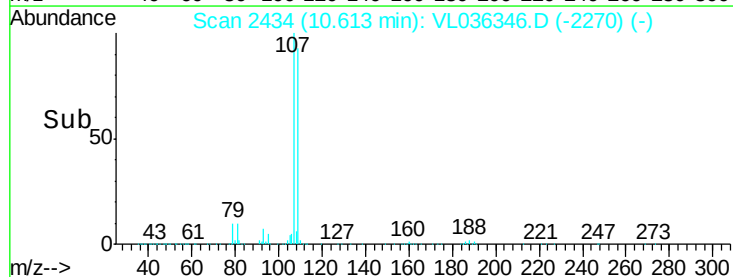
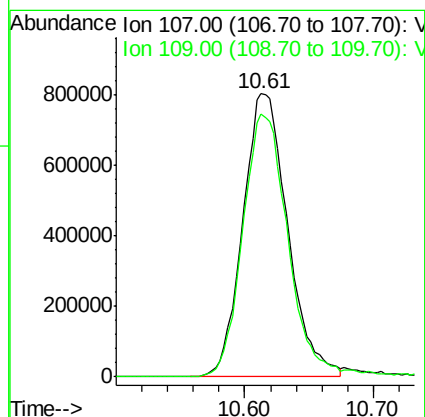
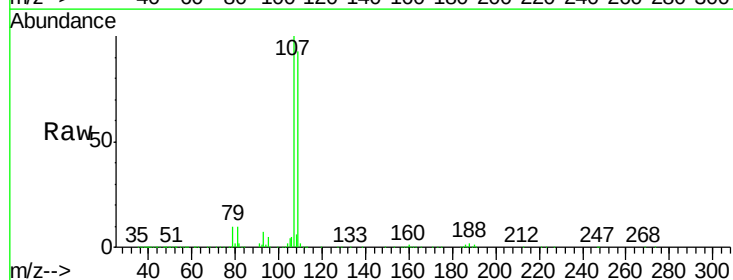
Acq: 24 Feb 2021 11:54

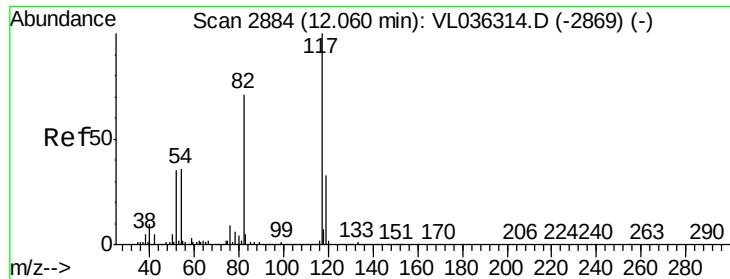
Tgt Ion: 107 Resp: 1947582

Ion Ratio Lower Upper

107 100

109 92.8 76.0 114.0





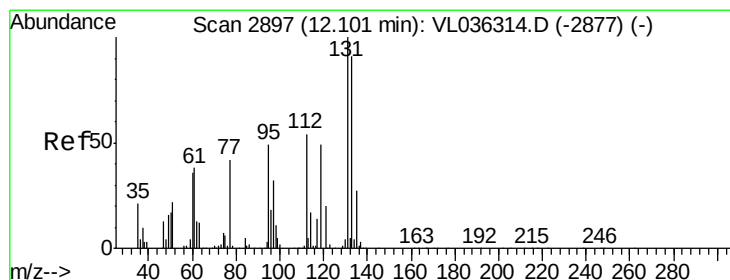
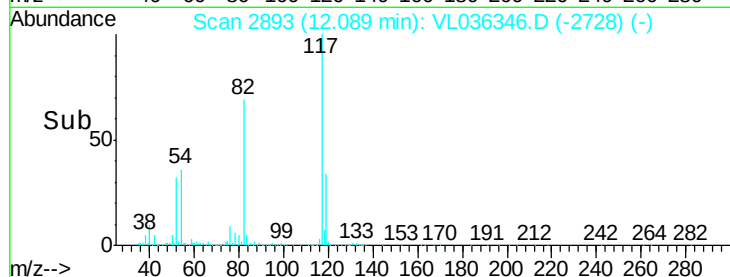
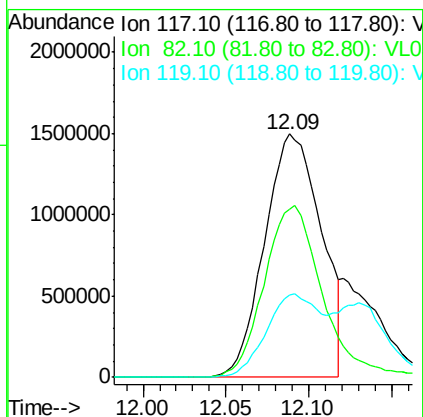
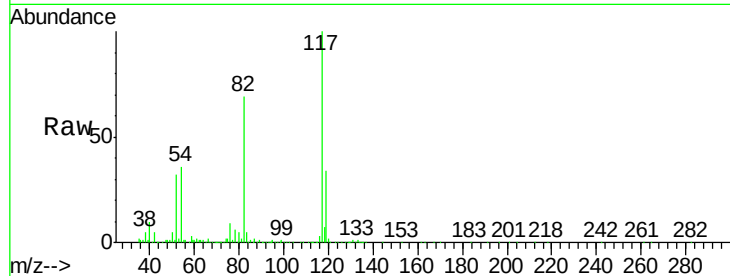
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion:117 Resp: 3557487
Ion Ratio Lower Upper
117 100
82 73.9 59.1 88.7
119 30.8 46.3 69.5#

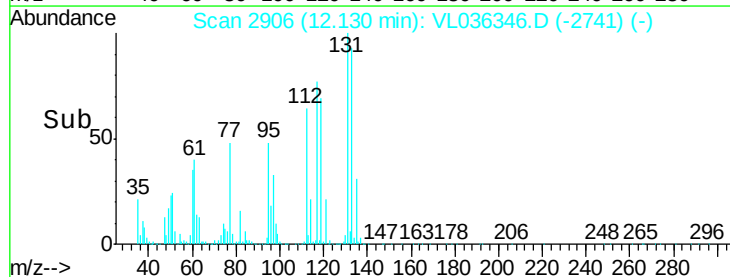
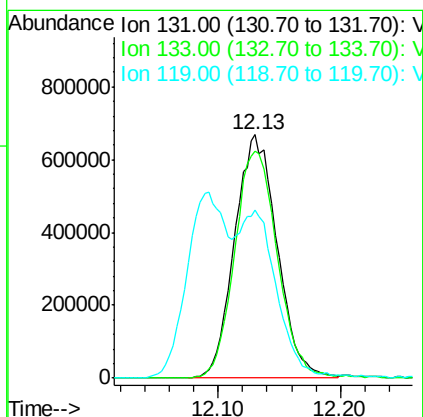
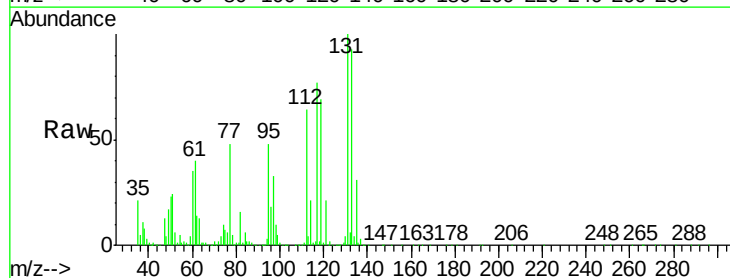
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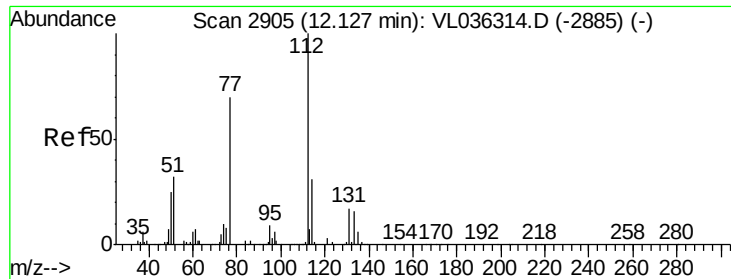
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.809 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion:131 Resp: 1605015
Ion Ratio Lower Upper
131 100
133 95.2 76.0 114.0
119 64.3 115.1 172.7#





#57

Chlorobenzene

Concen: 9.559 ppbv

RT: 12.15 min Scan# 2913

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tot Ion: 112 Resp: 2627297

Ion Ratio Lower Upper

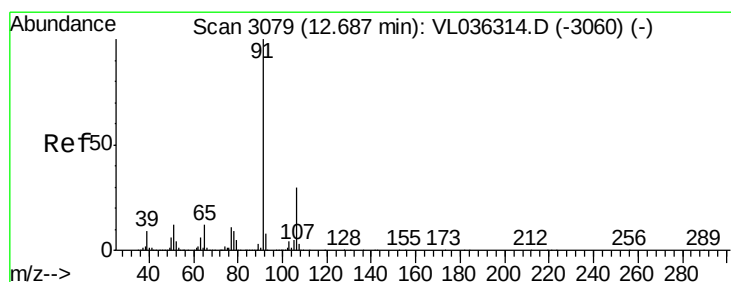
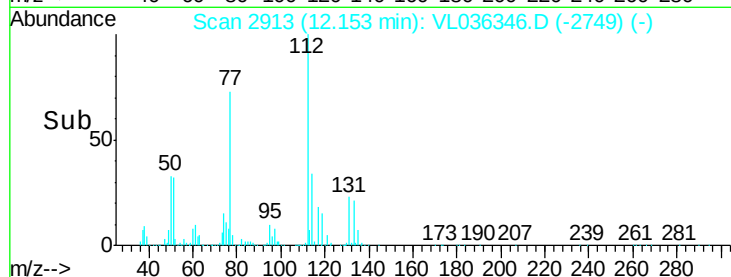
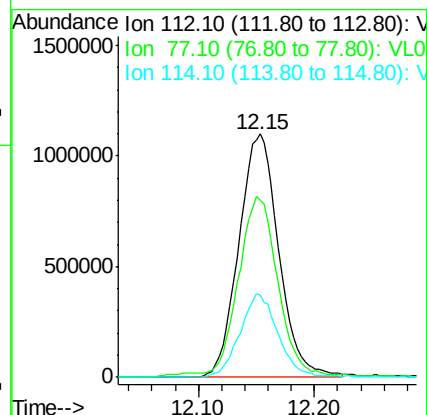
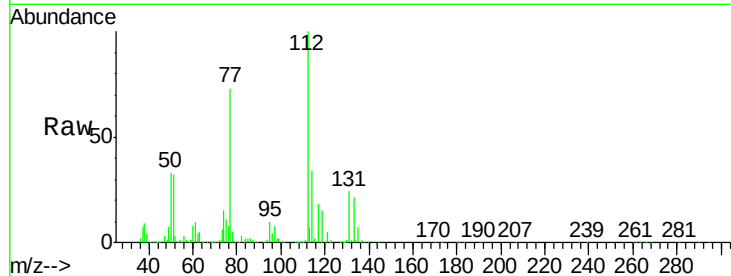
112 100

77 71.7 56.1 84.1

114 33.6 28.3 34.5

Manual Integrations
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#58

Ethyl Benzene

Concen: 10.169 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. 0.03 min

Lab File: VL036346.D

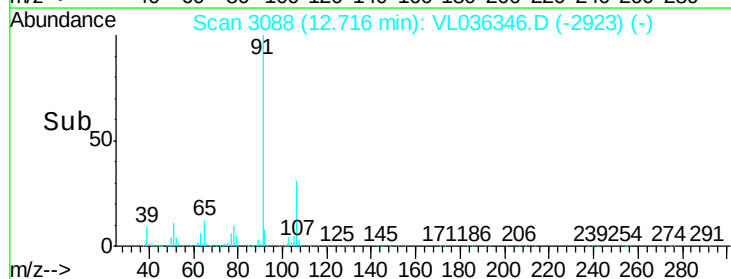
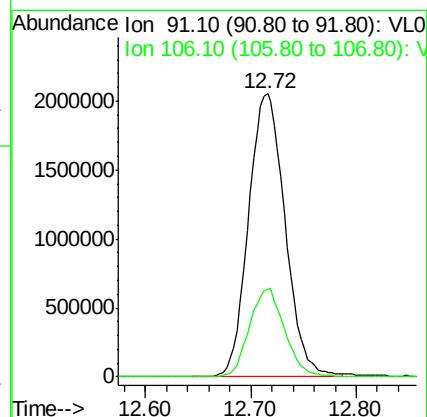
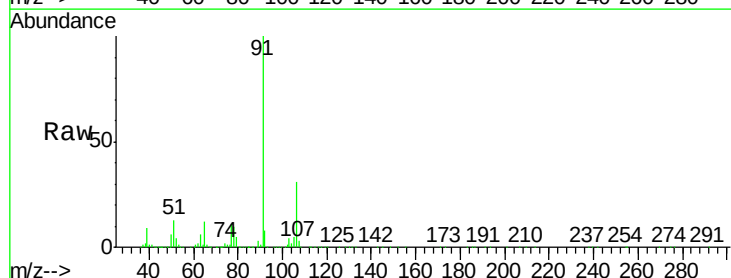
Acq: 24 Feb 2021 11:54

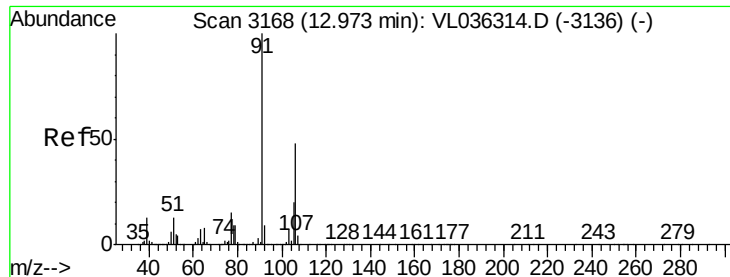
Tgt Ion: 91 Resp: 4953655

Ion Ratio Lower Upper

91 100

106 30.7 23.8 35.6





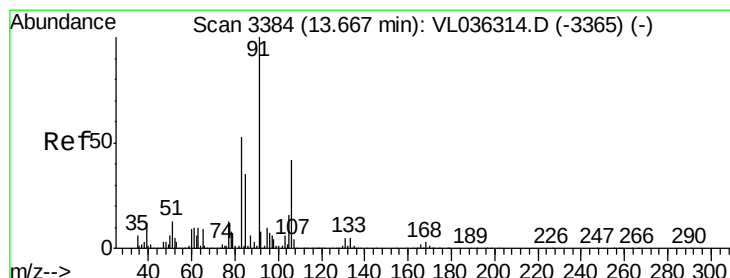
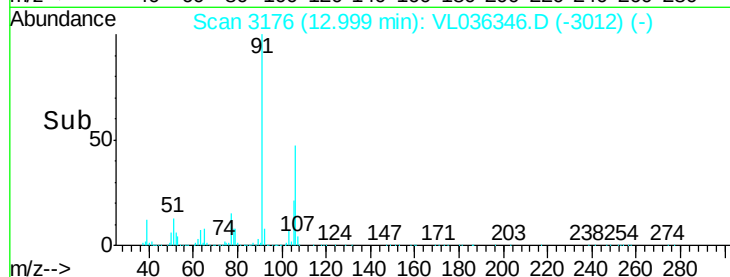
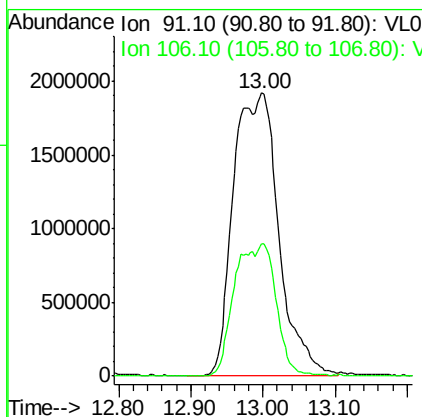
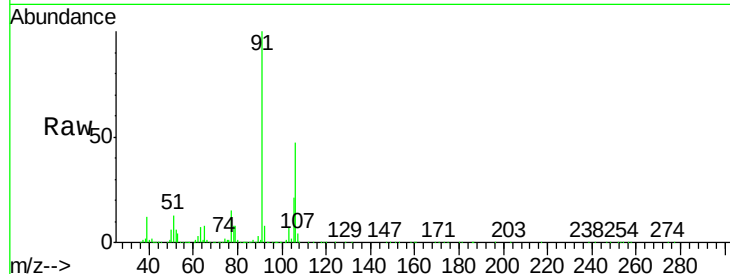
#59
m/p-Xylene
Concen: 19.592 ppbv m
RT: 13.00 min Scan# 3176
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion: 91 Resp: 8383266
Ion Ratio Lower Upper
91 100
106 43.0 34.2 51.2

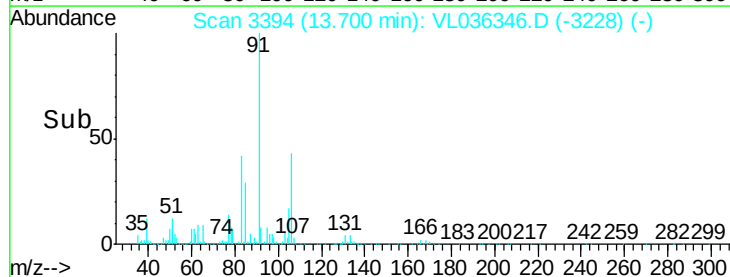
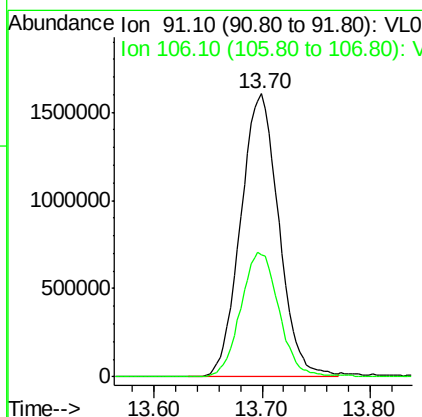
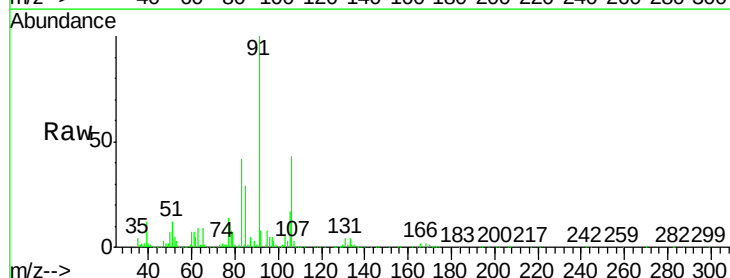
Manual Integrations
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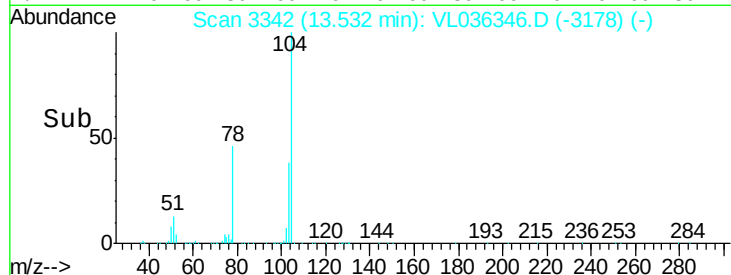
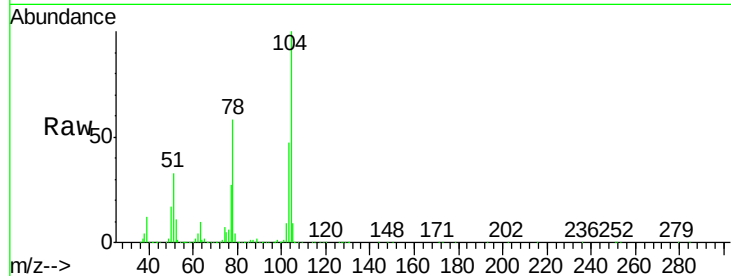
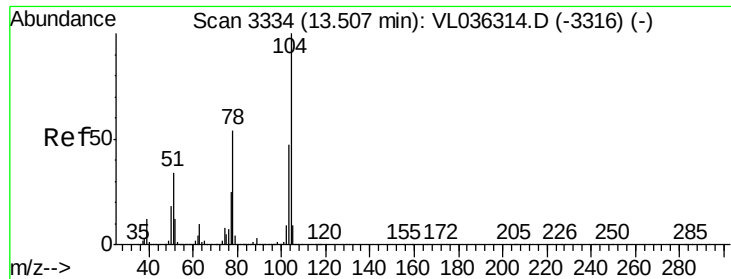
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#60
o-Xylene
Concen: 9.639 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 91 Resp: 3943520
Ion Ratio Lower Upper
91 100
106 44.5 22.0 66.0





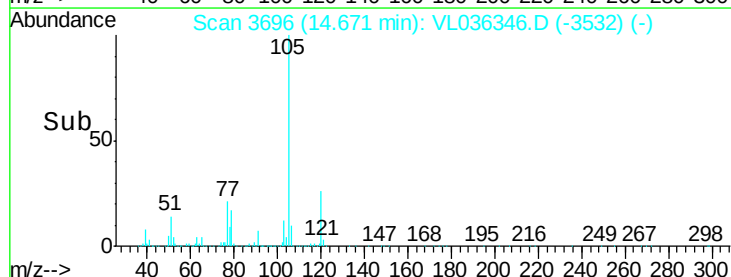
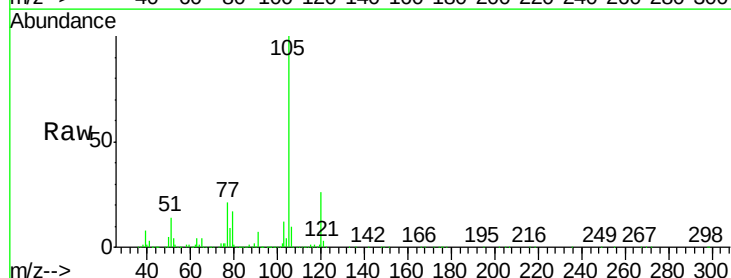
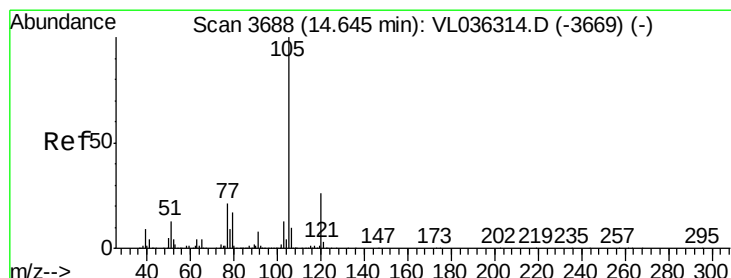
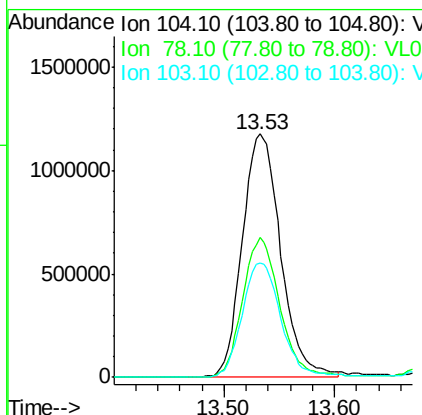
#61
Stvrene
Concen: 11.189 ppbv
RT: 13.53 min Scan# 3342
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tot Ion:104 Resp: 2836982
Ion Ratio Lower Upper
104 100
78 56.5 46.2 69.2
103 47.9 38.3 57.5

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

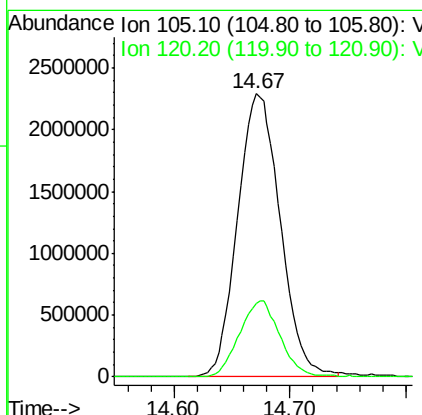
Manual Integrations
APPROVED

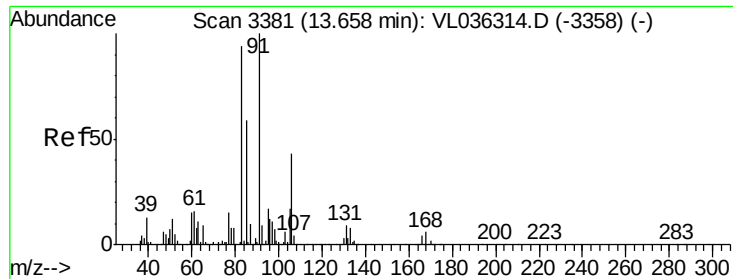
MMDadoda
2/26/2021 4:16:49 PM



#62
Isopropylbenzene
Concen: 9.504 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. 0.03 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion:105 Resp: 5828062
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8





#63

1,1,2,2-Tetrachloroethane

Concen: 8.644 ppbv

RT: 13.68 min Scan# 3389

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

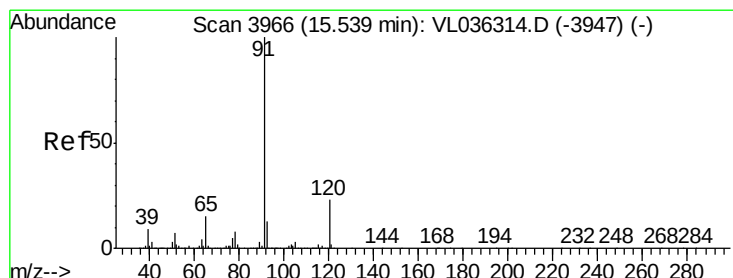
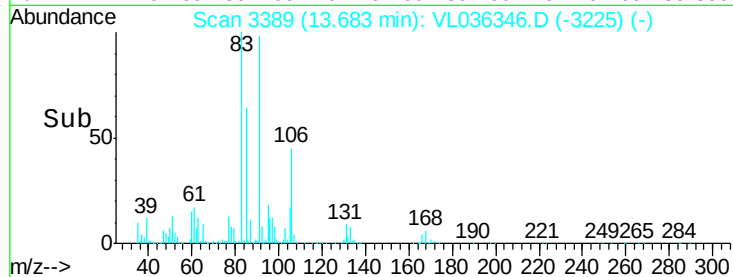
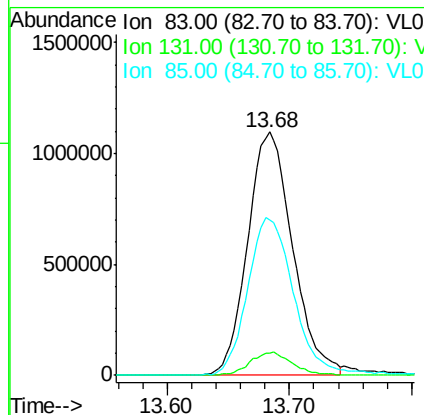
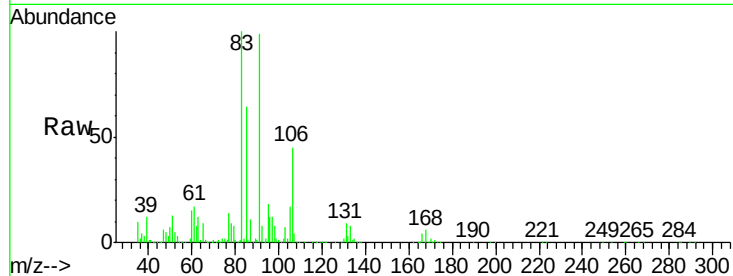
ClientSampleId :

VL0224ABS01

Tot Ion:	83	Resp:	2790191
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.0
85	67.6	33.0	98.9

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#64

n-propylbenzene

Concen: 10.159 ppbv

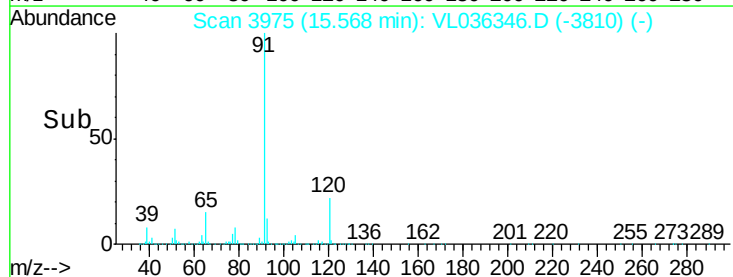
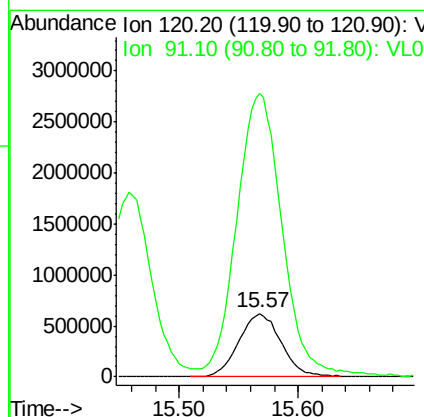
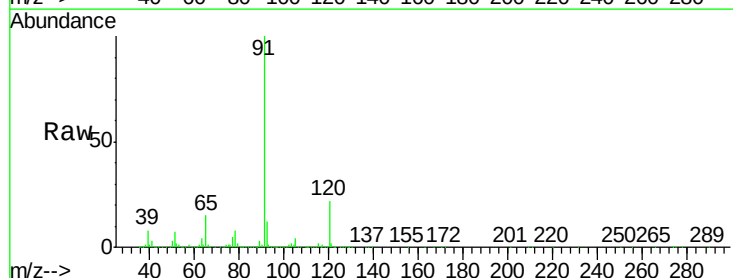
RT: 15.57 min Scan# 3975

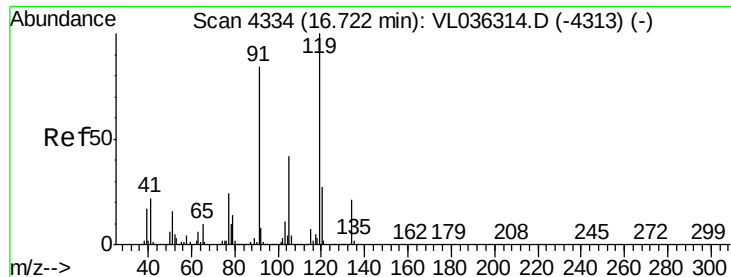
Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Tgt Ion:	120	Resp:	1533204
Ion	Ratio	Lower	Upper
120	100		
91	481.7	387.2	580.8





#65

tert-Butylbenzene

Concen: 9.429 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tot Ion:119 Resp: 4947144

Ion Ratio Lower Upper

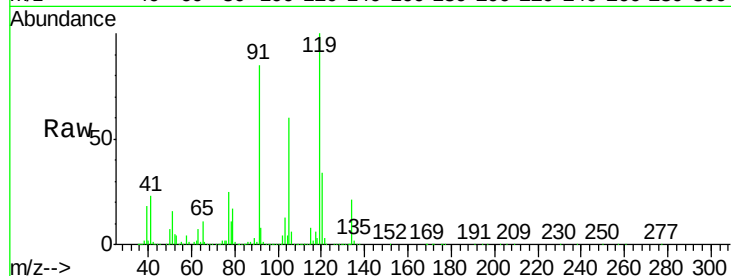
119 100

91 87.6 70.5 105.7

134 20.1 15.8 23.8

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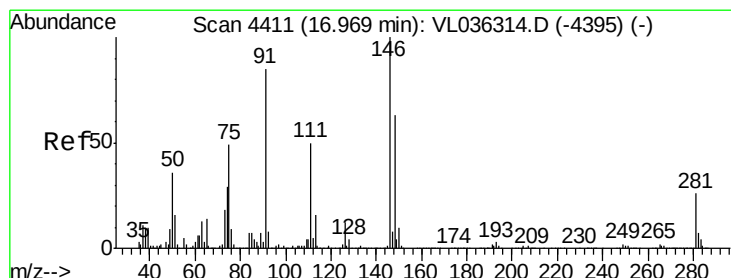
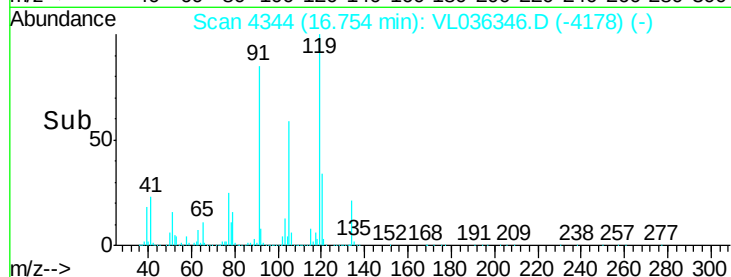
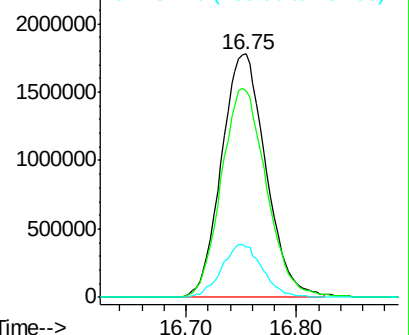
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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 12.356 ppbv

RT: 17.00 min Scan# 4419

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

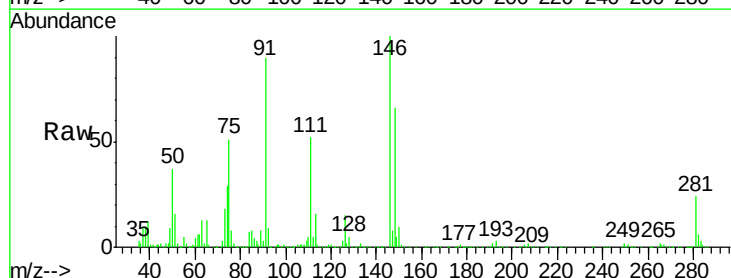
Tgt Ion: 91 Resp: 1762471

Ion Ratio Lower Upper

91 100

126 16.9 12.9 19.3

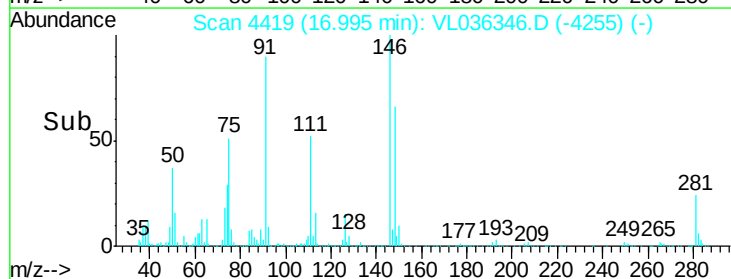
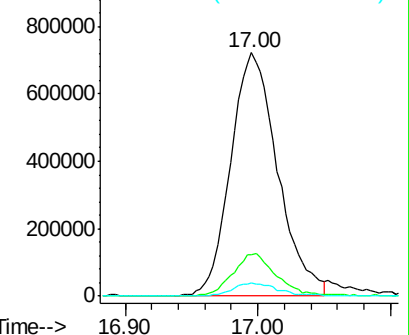
128 5.5 4.2 6.2

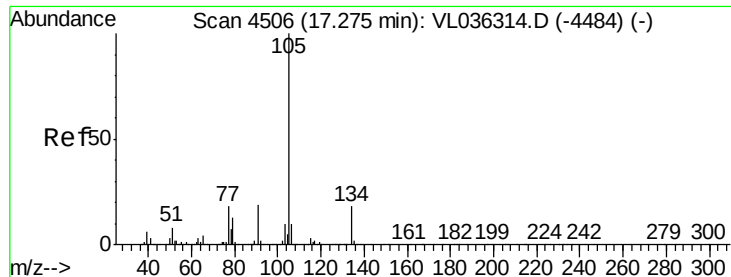


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 9.413 ppbv

RT: 17.30 min Scan# 4514

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tot Ion: 105 Resp: 7122824

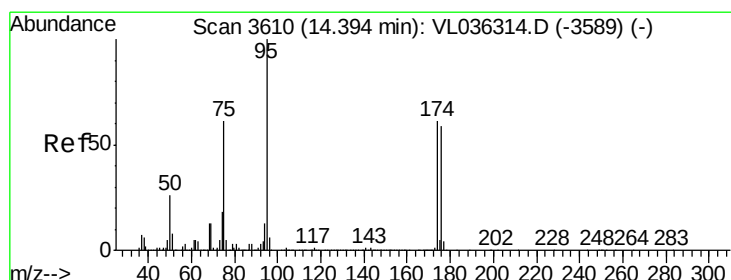
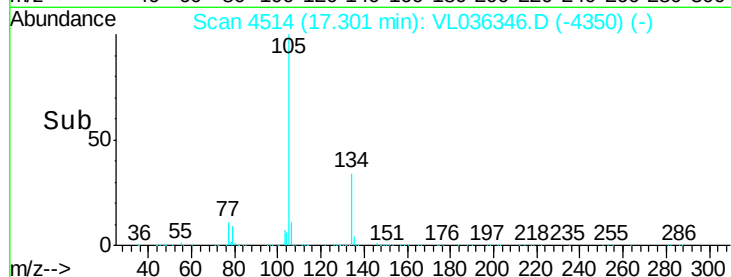
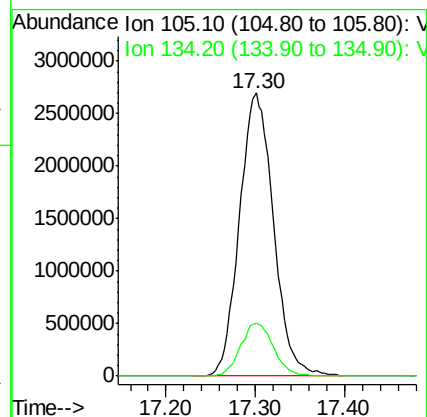
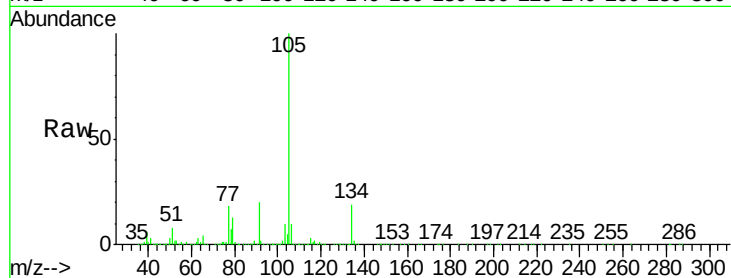
Ion Ratio Lower Upper

105 100

134 18.4 14.2 21.4

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.509 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

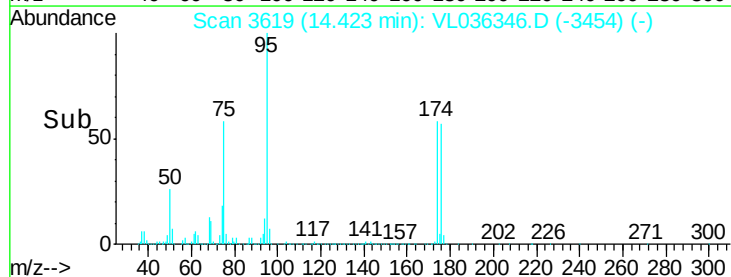
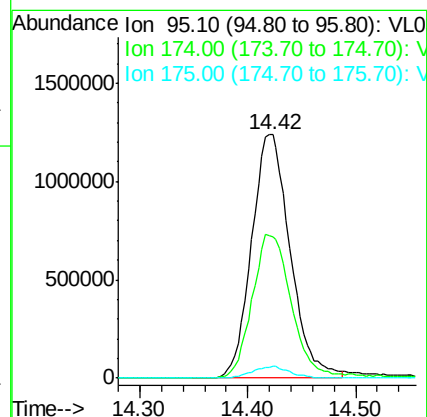
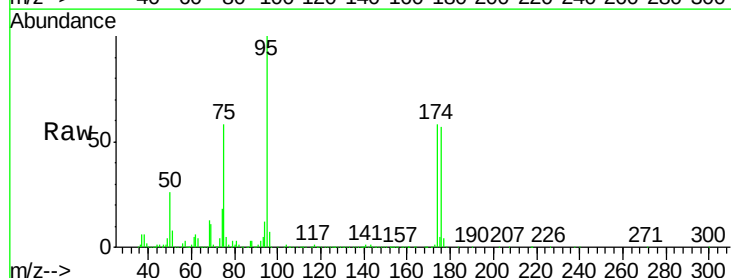
Tgt Ion: 95 Resp: 3075982

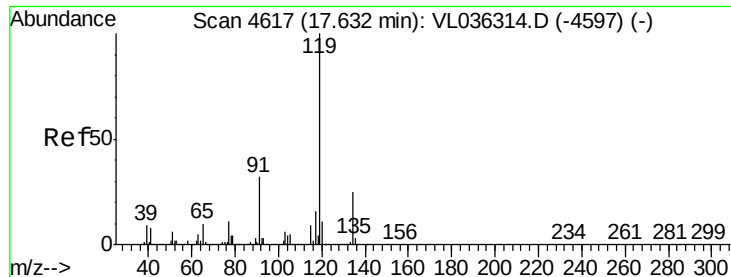
Ion Ratio Lower Upper

95 100

174 61.8 49.8 74.6

175 4.7 3.7 5.5





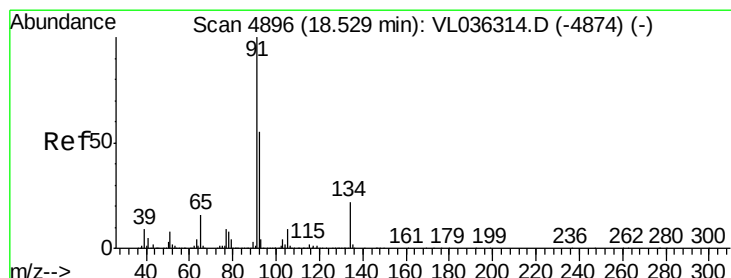
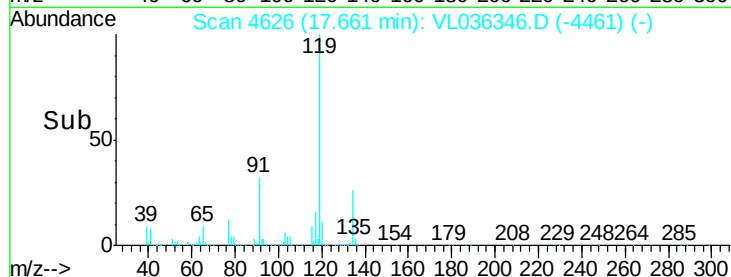
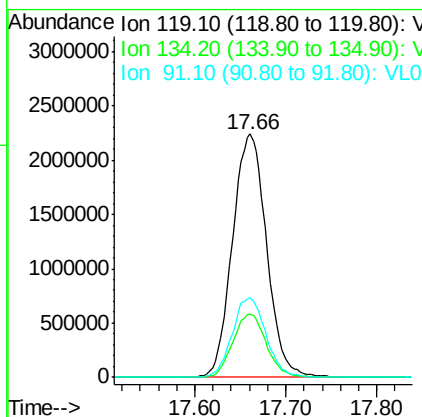
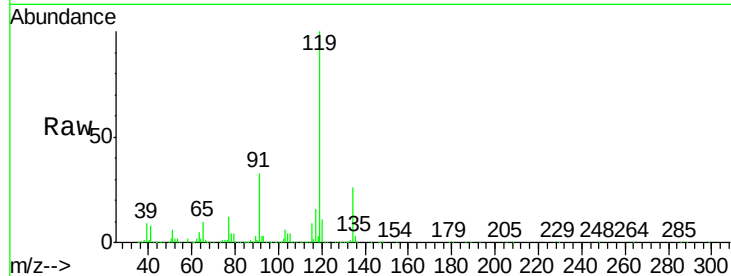
#69
 p-Isopropyltoluene
 Concen: 9.974 ppbv
 RT: 17.66 min Scan# 4626
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.1	30.1
91	32.2	25.8	38.6

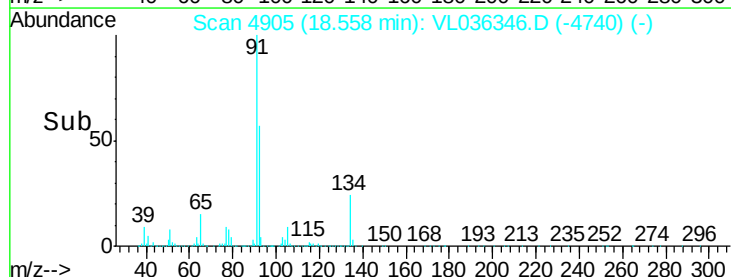
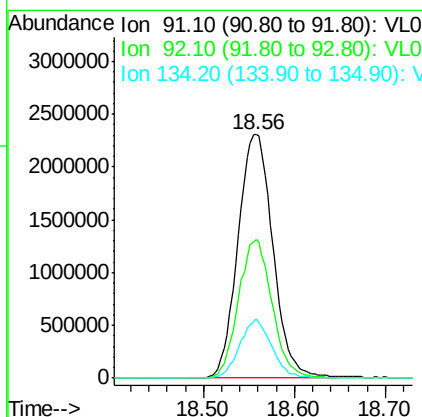
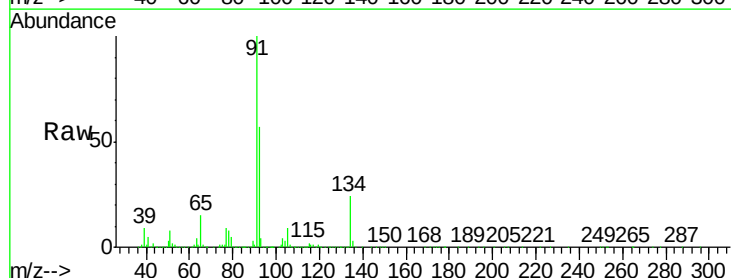
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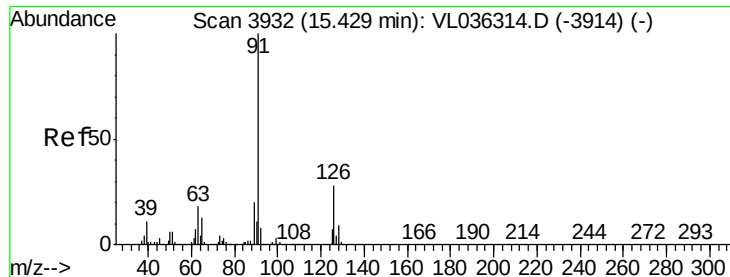
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#70
 n-Butylbenzene
 Concen: 9.821 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	43.7	65.5
134	22.3	17.4	26.0





#71

2-Chlorotoluene

Concen: 9.709 ppbv

RT: 15.46 min Scan# 3941

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tot Ion: 91 Resp: 4563927

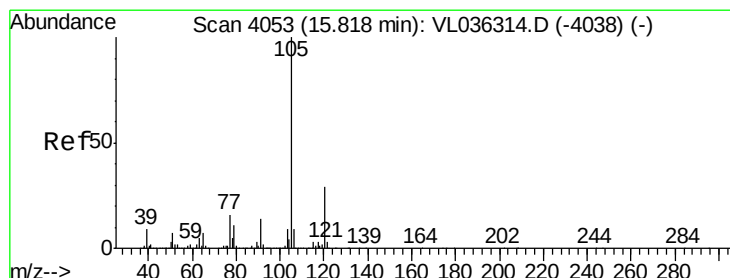
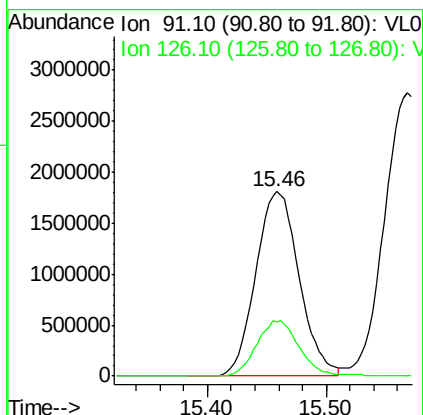
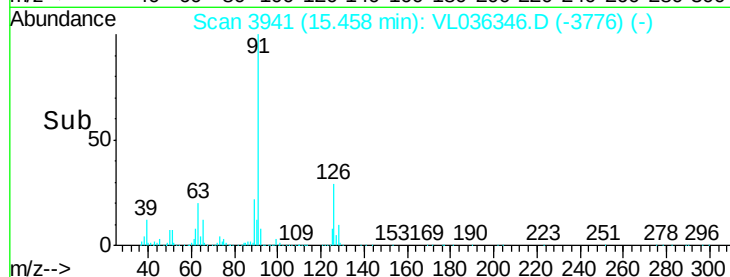
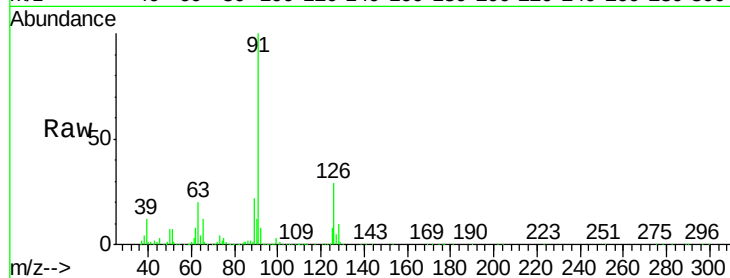
Ion Ratio Lower Upper

91 100

126 29.9 11.5 46.1

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#72

4-Ethyltoluene

Concen: 10.141 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. 0.03 min

Lab File: VL036346.D

Acq: 24 Feb 2021 11:54

Tgt Ion: 105 Resp: 4617315

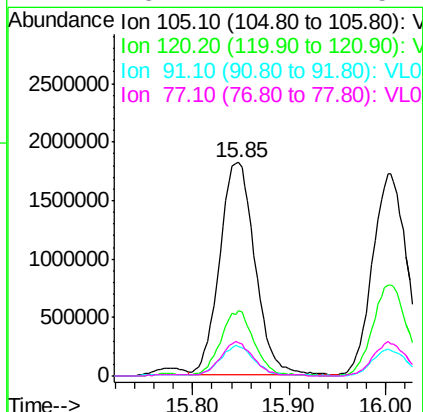
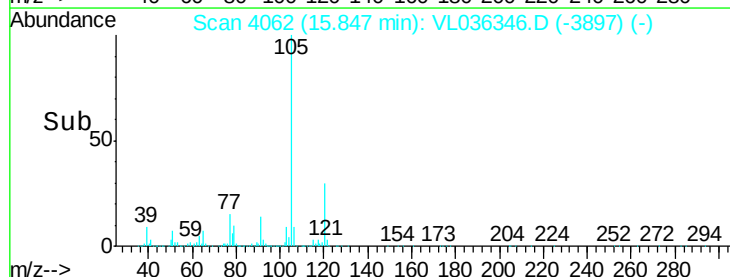
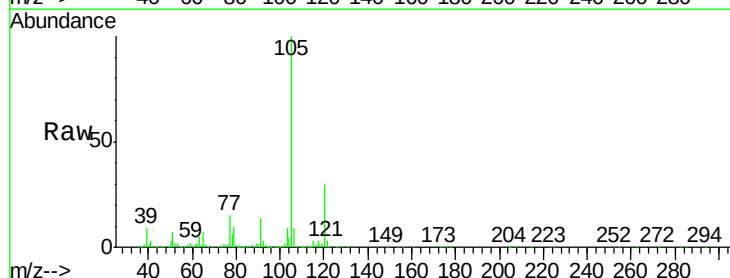
Ion Ratio Lower Upper

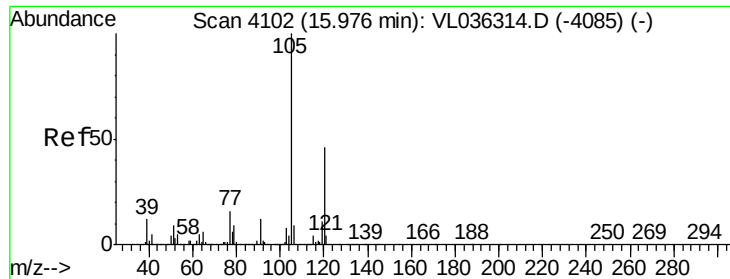
105 100

120 29.4 23.2 34.8

91 13.7 11.0 16.4

77 15.7 12.2 18.4





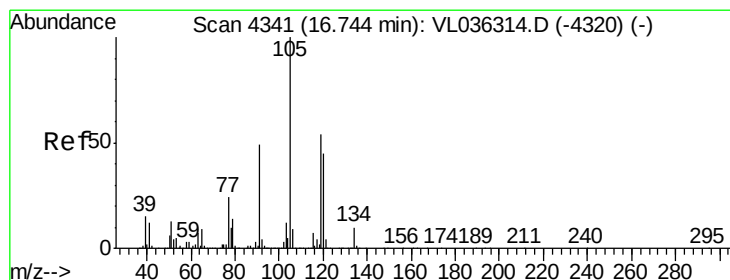
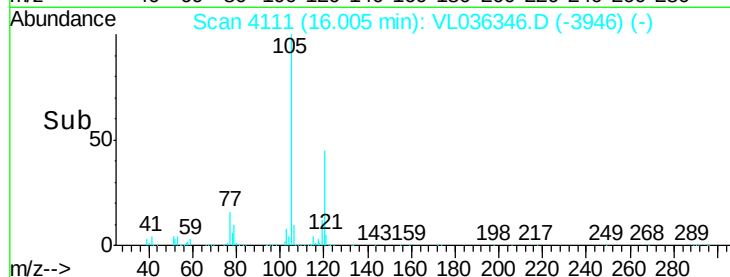
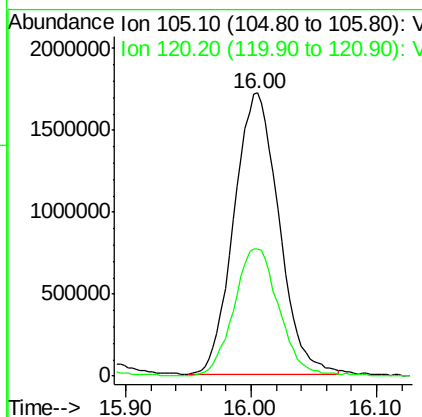
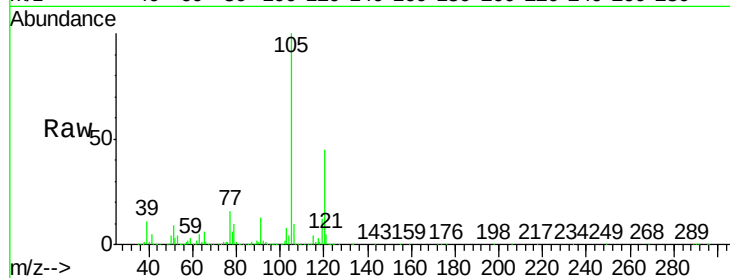
#73
 1,3,5-Trimethylbenzene
 Concen: 9.681 ppbv
 RT: 16.00 min Scan# 4111
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion:105 Resp: 4272542
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.9 55.3

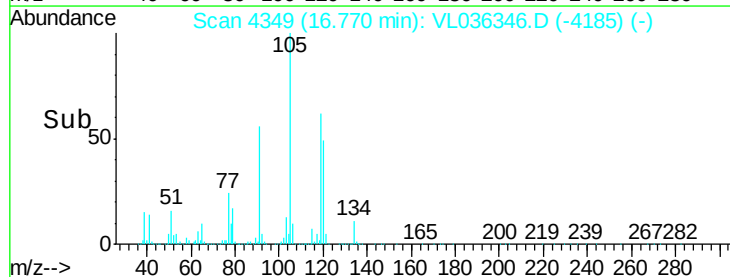
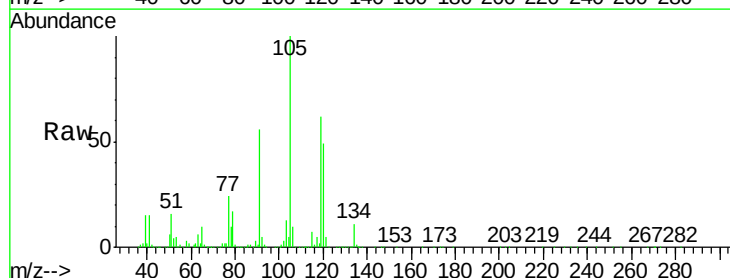
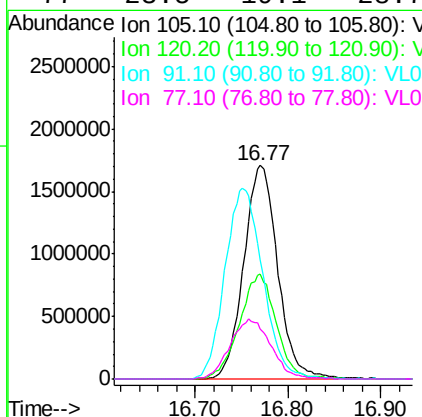
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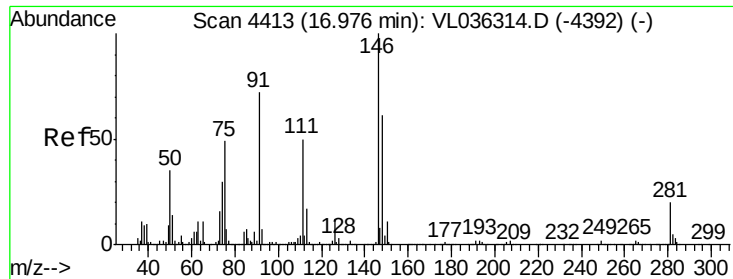
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#74
 1,2,4-Trimethylbenzene
 Concen: 9.639 ppbv
 RT: 16.77 min Scan# 4349
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion:105 Resp: 4342973
 Ion Ratio Lower Upper
 105 100
 120 49.4 35.8 53.6
 91 55.4 39.8 59.6
 77 23.5 19.1 28.7





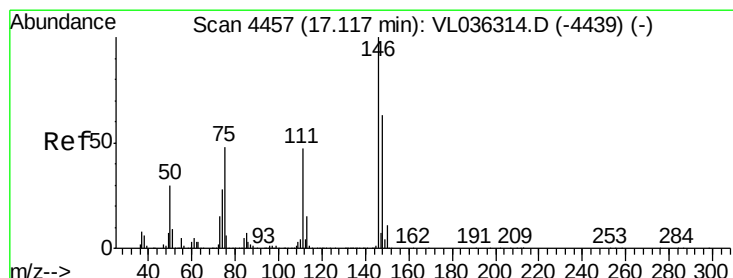
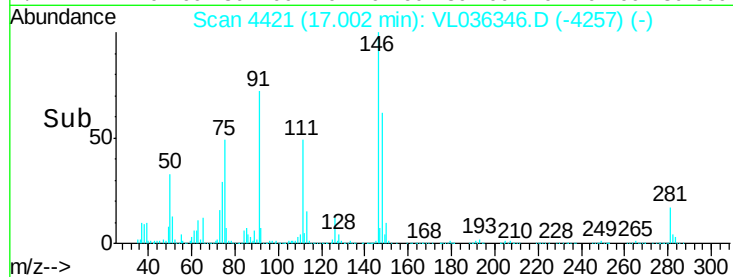
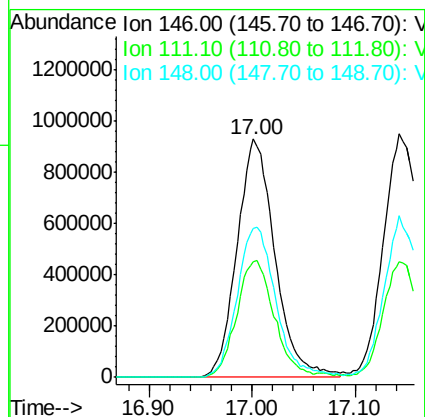
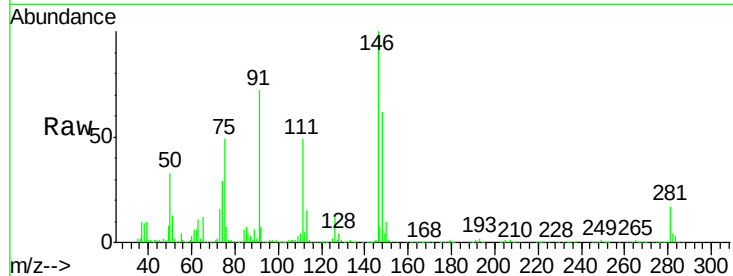
#75
 1,3-Dichlorobenzene
 Concen: 9.742 ppbv
 RT: 17.00 min Scan# 4421
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.4	24.9	74.6
148	64.6	31.9	95.9

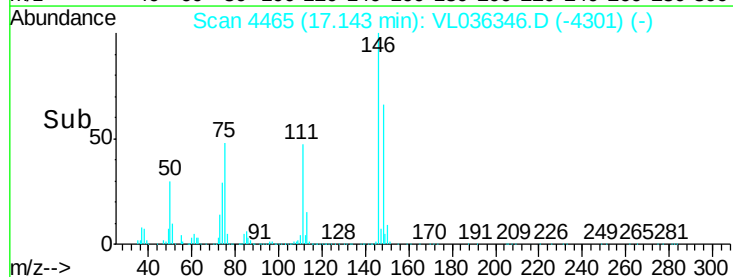
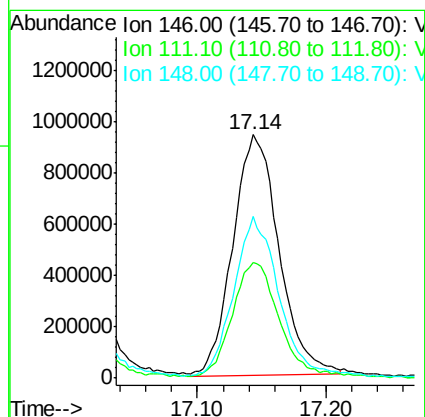
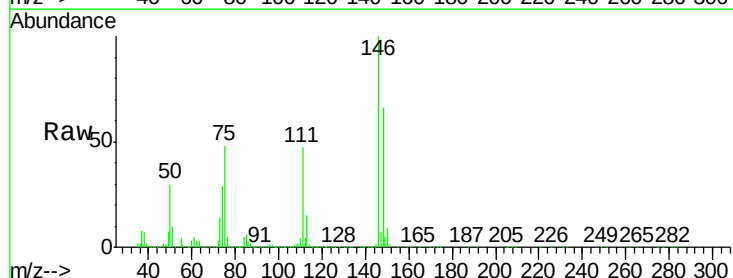
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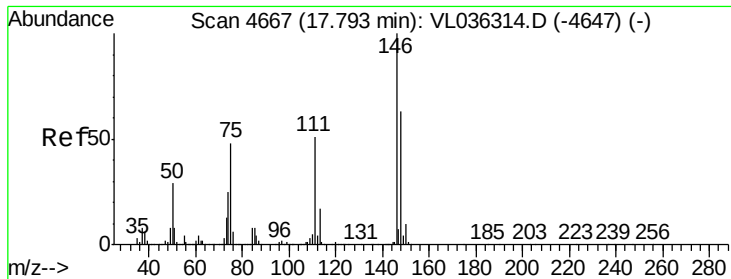
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#76
 1,4-Dichlorobenzene
 Concen: 9.218 ppbv
 RT: 17.14 min Scan# 4465
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.1	23.6	71.0
148	65.9	31.6	95.0





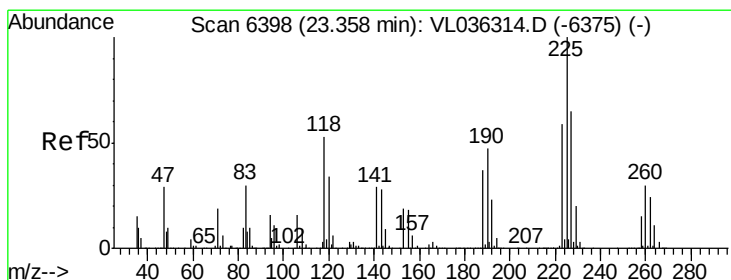
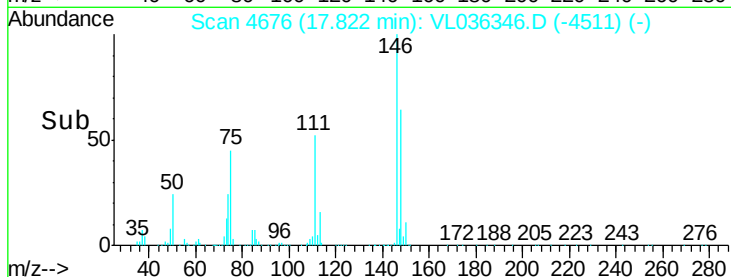
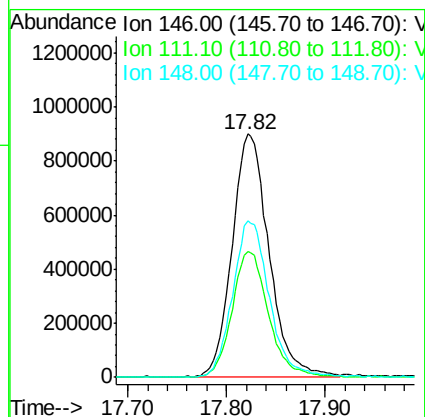
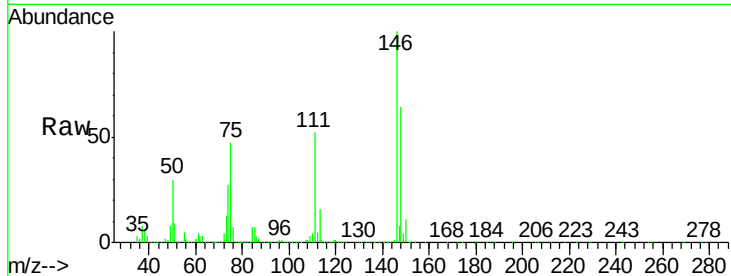
#77
 1,2-Dichlorobenzene
 Concen: 9.593 ppbv
 RT: 17.82 min Scan# 4676
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion:146 Resp: 2327294
 Ion Ratio Lower Upper
 146 100
 111 51.3 25.9 77.8
 148 64.2 32.5 97.4

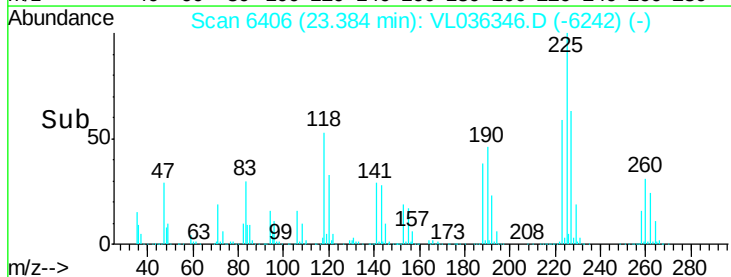
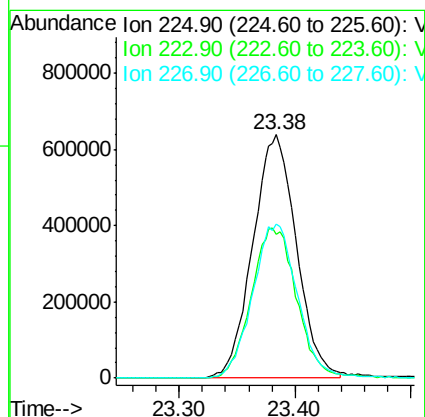
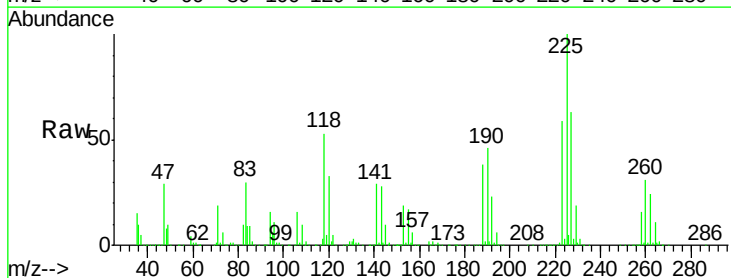
Manual Integrations
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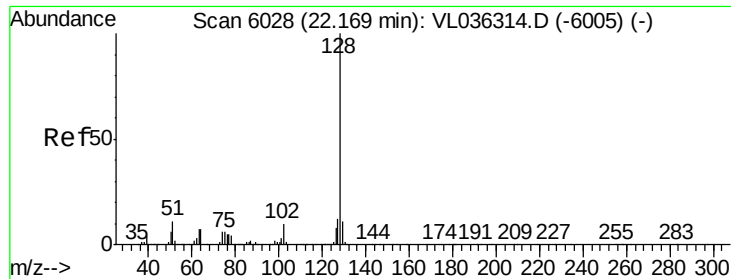
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 2/26/2021 4:16:49 PM



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.411 ppbv
 RT: 23.38 min Scan# 6406
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Tgt Ion:225 Resp: 1667125
 Ion Ratio Lower Upper
 225 100
 223 64.8 50.8 76.2
 227 65.4 52.2 78.2





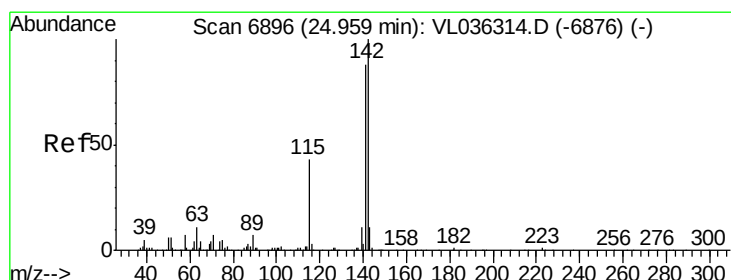
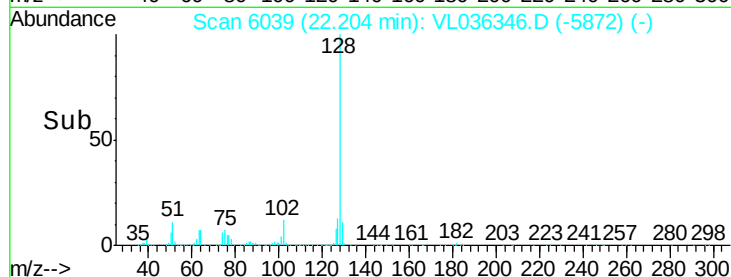
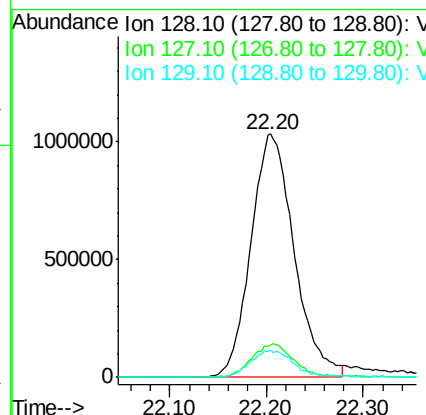
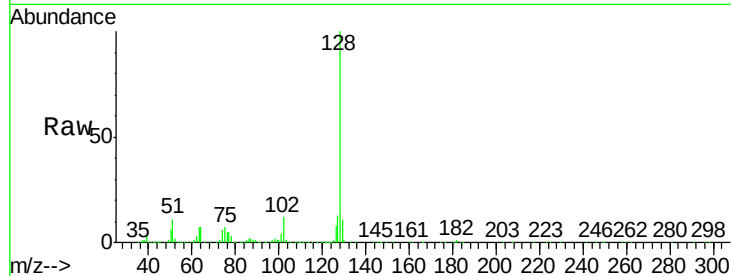
#79
Naphthalene
Concen: 12.014 ppbv
RT: 22.20 min Scan# 6039
Delta R.T. 0.04 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	9.6	14.4
129	11.1	8.5	12.7

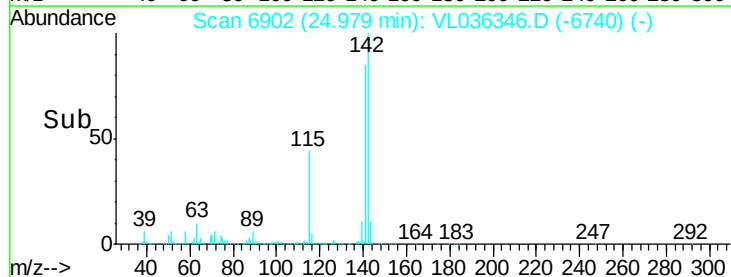
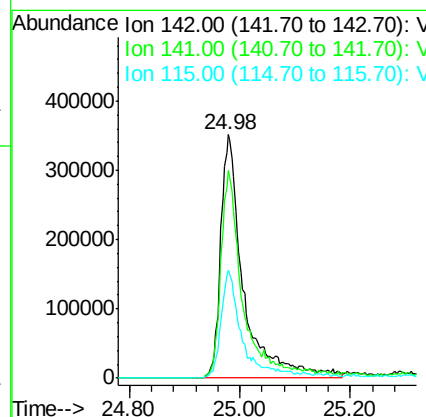
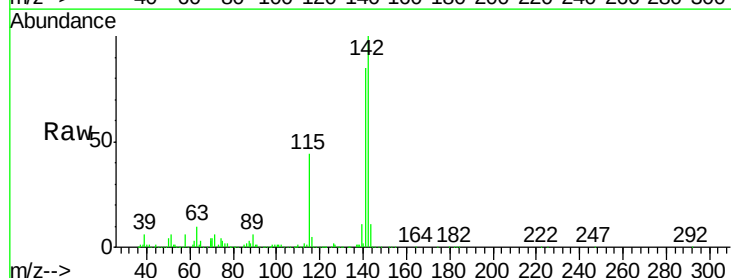
Manual Integrations
APPROVED

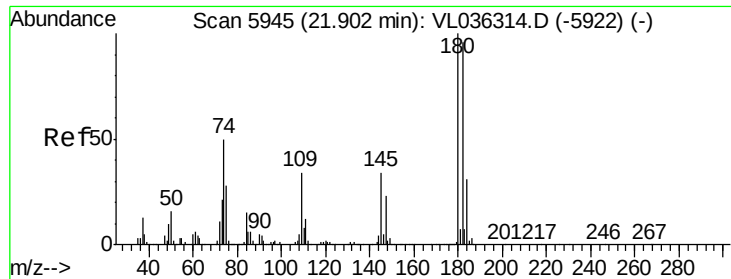
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#80
Naphthalene, 2-methyl-
Concen: 20.384 ppbv
RT: 24.98 min Scan# 6902
Delta R.T. 0.02 min
Lab File: VL036346.D
Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.3	64.4	96.6
115	40.5	34.6	51.8





#81
 1,2,4-Trichlorobenzene
 Concen: 10.500 ppbv m
 RT: 21.93 min Scan# 5955
 Delta R.T. 0.03 min
 Lab File: VL036346.D
 Acq: 24 Feb 2021 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.8	80.2	120.4
184	31.2	25.0	37.6

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 4:16:49 PM

