

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030920\
 Data File : VL034842.D
 Acq On : 9 Mar 2020 12:59
 Operator : SY/AP
 Sample : VSTDIC002
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Manual Integrations
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 3/11/2020 3:25:57 PM

Quant Time: Mar 09 15:43:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 15:43:07 2020
 QLast Update : Mon Mar 09 15:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	938805	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2151004	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2267058	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1716519	9.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	231339	1.510	ppbv	99
3) Chlorodifluoromethane	2.95	51	225454	2.108	ppbv	99
4) Chloromethane	3.10	50	127813	2.219	ppbv	93
5) Vinyl Chloride	3.22	62	123157	2.024	ppbv	96
6) Bromomethane	3.44	94	70964	2.136	ppbv	87
7) Chloroethane	3.52	64	43310	2.058	ppbv	97
8) Dichlorotetrafluoroethane	3.15	85	286844	2.155	ppbv	100
9) Propene	2.97	41	104567	2.484	ppbv	96
10) Heptane	8.13	43	261986	2.449	ppbv	99
11) Trichlorofluoromethane	3.92	101	293353	2.140	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.46	101	198238	2.096	ppbv	98
13) Ethanol	3.57	45	31244m	2.166	ppbv	
14) Bromoethene	3.71	108	88273	2.274	ppbv	99
15) Acetone	3.83	43	300827	2.676	ppbv	97
16) 1,3-Butadiene	3.29	39	118781	2.335	ppbv	96
17) tert-Butyl alcohol	4.27	59	205610	2.319	ppbv	100
18) 1,1-Dichloroethene	4.26	96	93952	2.252	ppbv	97
19) Isopropyl Alcohol	3.94	45	134711	2.000	ppbv	# 40
20) Methylene Chloride	4.31	84	75944	1.893	ppbv	84
21) Allyl Chloride	4.38	41	164475	2.310	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	88852	2.182	ppbv	92
23) Vinyl Acetate	5.05	43	387165	2.568	ppbv	99
24) 1,1-Dichloroethane	4.99	63	255858	2.187	ppbv	98
25) Ethyl Acetate	5.66	43	462765	2.382	ppbv	99
26) Hexane	5.67	57	195611	2.305	ppbv	96
27) Carbon Disulfide	4.53	76	230618	2.326	ppbv	96
28) Methyl tert-Butyl Ether	5.02	73	333684	2.642	ppbv	98
29) Chloroform	5.74	83	302766	2.119	ppbv	96
30) Cyclohexane	7.13	84	159988	2.464	ppbv	98
31) cis-1,2-Dichloroethene	5.53	61	208735	2.398	ppbv	94
32) 1,1,1-Trichloroethane	6.51	97	305631	2.165	ppbv	99
34) 2-Butanone	5.23	43	310671	2.220	ppbv	100
35) Carbon Tetrachloride	7.02	117	303942	1.873	ppbv	94
36) Benzene	6.89	78	412044	2.242	ppbv	96
37) 1,2-Dichloroethane	6.30	62	224246	1.786	ppbv	100
38) Trichloroethene	7.84	130	153084	2.137	ppbv	97
39) 1,2-Dichloropropane	7.62	63	158709	2.140	ppbv	94
40) 1,4-Dioxane	7.85	88	52155m	2.033	ppbv	
41) Tetrahydrofuran	6.04	42	160440	2.247	ppbv	98
42) Bromodichloromethane	7.80	83	322024	2.027	ppbv	98
43) Methyl Methacrylate	8.02	69	170842m	2.193	ppbv	

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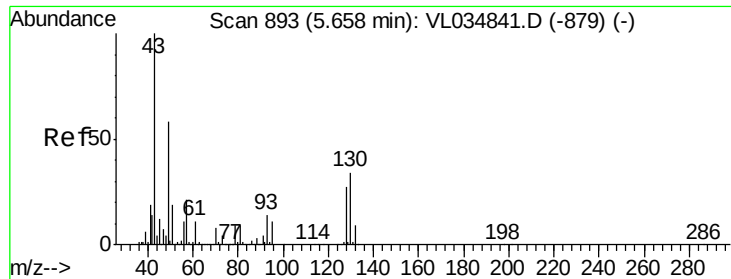
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Quant Time: Mar 09 15:43:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	702226	2.186	ppbv	98
45) t-1,3-Dichloropropene	9.29	75	201390	2.463	ppbv	100
46) cis-1,3-Dichloropropene	8.72	75	242404	2.428	ppbv	92
47) 1,1,2-Trichloroethane	9.49	97	167620m	2.140	ppbv	
48) Dibromochloromethane	10.32	129	274680	2.243	ppbv	99
49) Bromoform	13.07	173	247040	2.312	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	440493	2.197	ppbv	100
51) 2-Hexanone	10.15	43	358666	2.280	ppbv #	99
52) Tetrachloroethene	11.24	164	154596m	2.277	ppbv	
53) Toluene	9.82	91	477915	2.457	ppbv	98
54) 1,2-Dibromoethane	10.63	107	252825	2.183	ppbv	94
56) 1,1,1,2-Tetrachloroethane	12.15	131	212992	2.120	ppbv #	1
57) Chlorobenzene	12.17	112	374874	2.165	ppbv	98
58) Ethyl Benzene	12.74	91	671474	2.403	ppbv	94
59) m/p-Xylene	13.00	91	1083371m	4.480	ppbv	
60) o-Xylene	13.72	91	544465	2.225	ppbv	97
61) Styrene	13.55	104	373199	2.459	ppbv	99
62) Isopropylbenzene	14.70	105	814356	2.261	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.71	83	364991	1.892	ppbv	98
64) n-propylbenzene	15.59	120	207524	2.298	ppbv	88
65) tert-Butylbenzene	16.78	119	732503	2.407	ppbv	100
66) Benzyl Chloride	17.02	91	296252	3.011	ppbv	100
67) sec-Butylbenzene	17.33	105	1037940	2.340	ppbv	97
69) p-Isopropyltoluene	17.69	119	860347m	2.397	ppbv	
70) n-Butylbenzene	18.58	91	875593	2.231	ppbv	97
71) 2-Chlorotoluene	15.49	91	626948	2.305	ppbv	98
72) 4-Ethyltoluene	15.87	105	638371	2.343	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	599166m	2.293	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	621233	2.187	ppbv	95
75) 1,3-Dichlorobenzene	17.04	146	368387	2.191	ppbv	99
76) 1,4-Dichlorobenzene	17.18	146	367169	2.282	ppbv	99
77) 1,2-Dichlorobenzene	17.86	146	350807	2.181	ppbv	97
78) Hexachloro-1,3-Butadiene	23.42	225	290779	2.166	ppbv	100
79) Naphthalene	22.26	128	424324	1.988	ppbv	96
80) Naphthalene, 2-methyl-	25.02	142	44359	0.870	ppbv	95
81) 1,2,4-Trichlorobenzene	21.99	180	275213	2.039	ppbv	95

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

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MSVOA_L

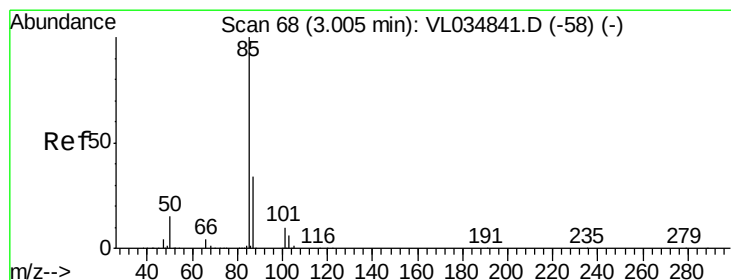
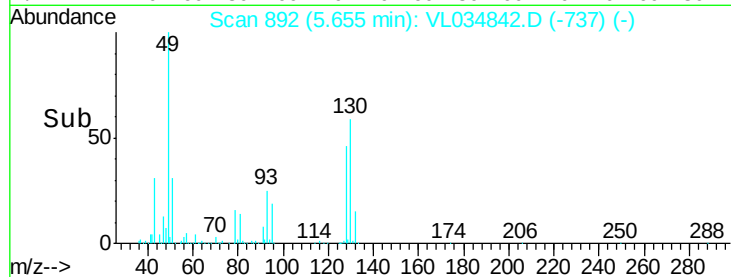
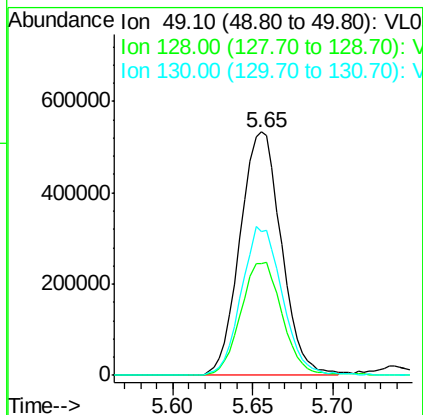
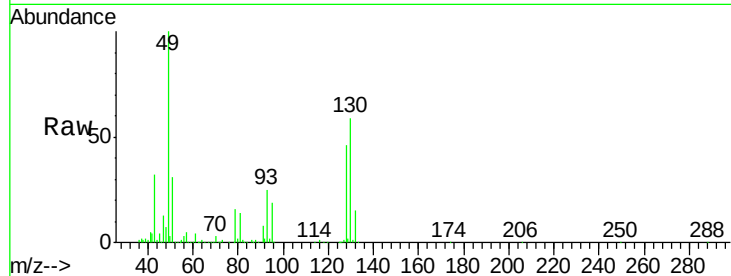
ClientSampleId :

VSTDIC002

Tot Ion	Ratio	Lower	Upper
49	100		
128	47.0	23.4	70.3
130	60.6	30.0	90.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 1.510 ppbv

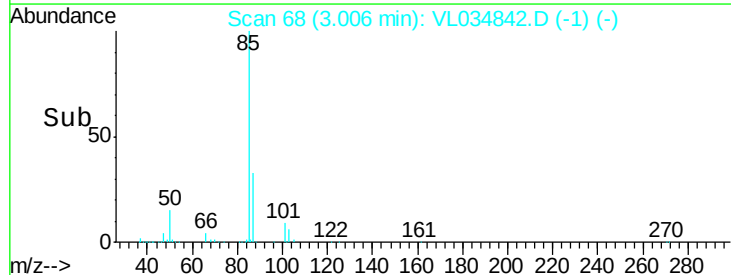
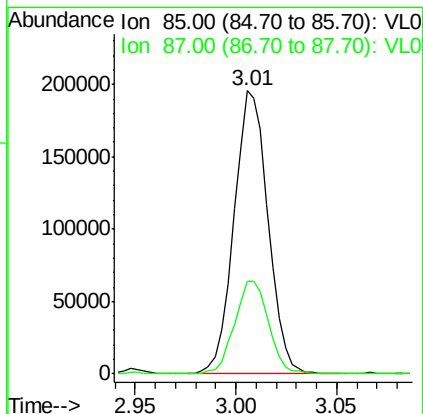
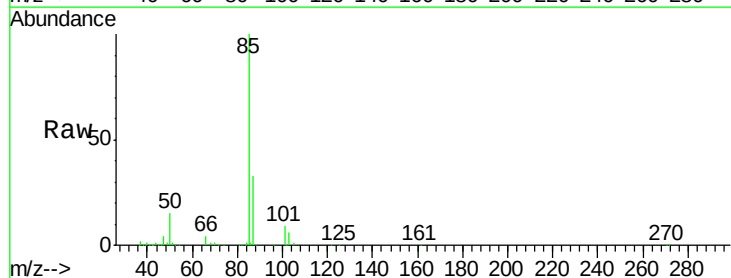
RT: 3.01 min Scan# 68

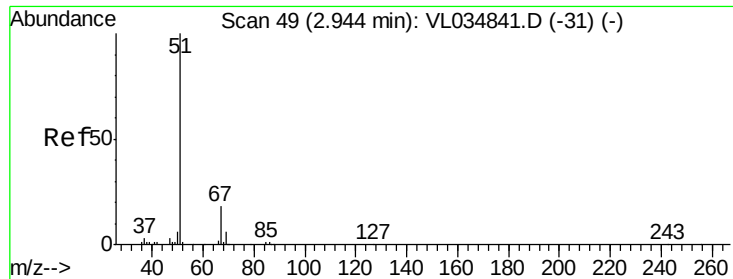
Delta R.T. 0.00 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.9	40.3





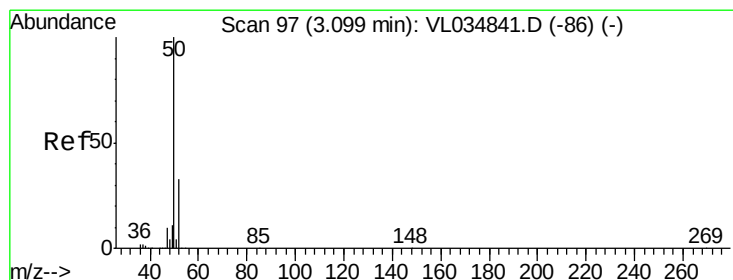
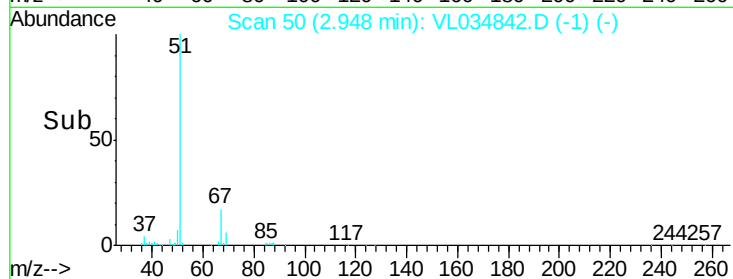
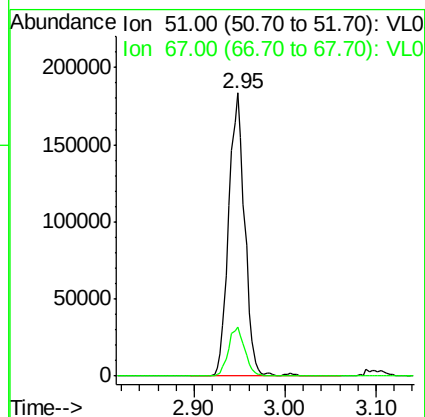
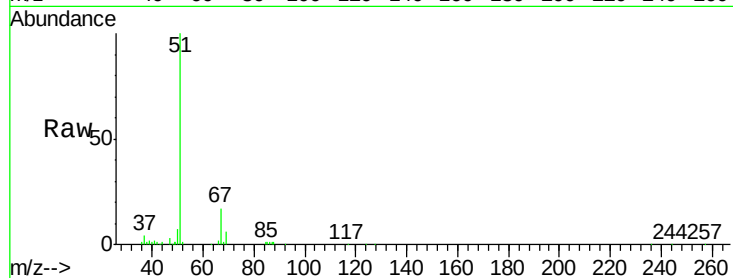
#3
Chlorodifluoromethane
Concen: 2.108 ppbv
RT: 2.95 min Scan# 50
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
51	100		
67	17.6	14.3	21.5

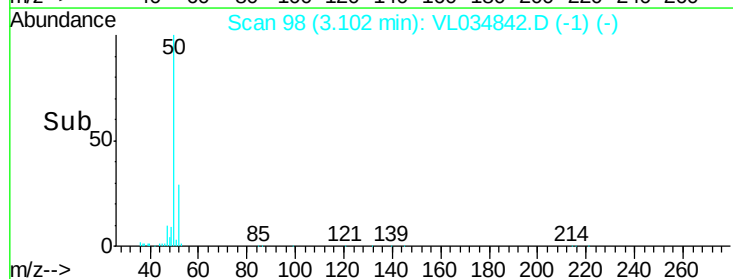
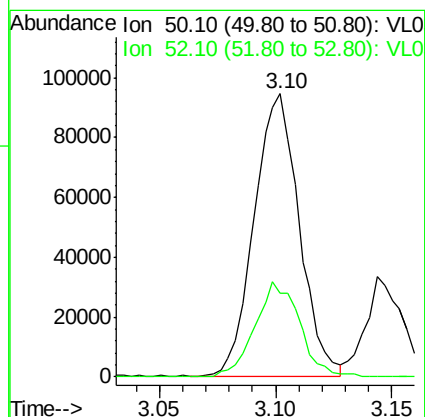
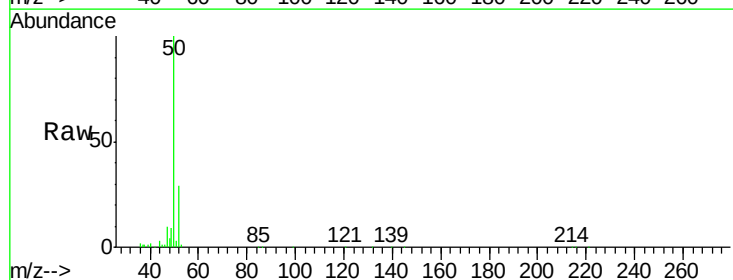
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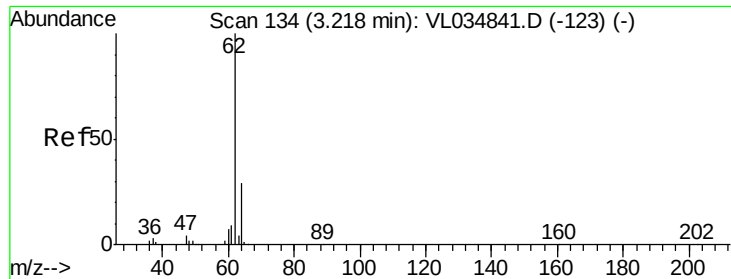
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#4
Chloromethane
Concen: 2.219 ppbv
RT: 3.10 min Scan# 98
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
50	100		
52	29.5	26.8	40.2





#5

Vinyl Chloride

Concen: 2.024 ppbv

RT: 3.22 min Scan# 134

Delta R.T. 0.00 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 62 Resp: 123157

Ion Ratio Lower Upper

62 100

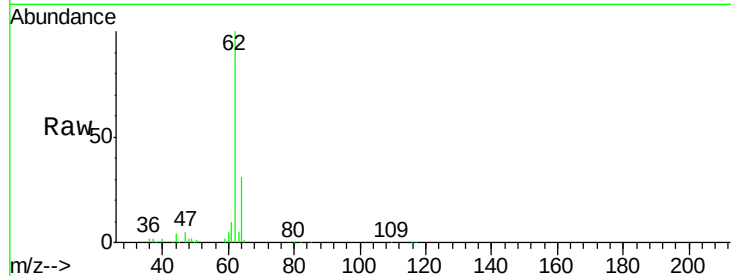
64 30.7 23.0 34.4

Manual Integrations

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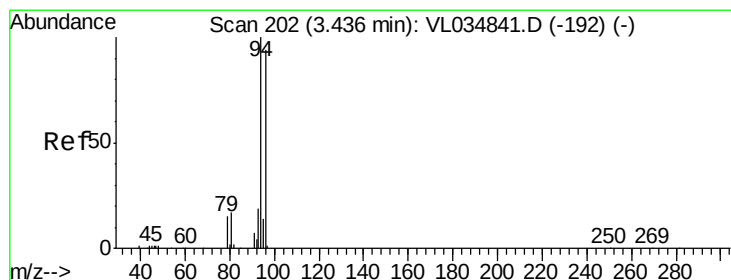
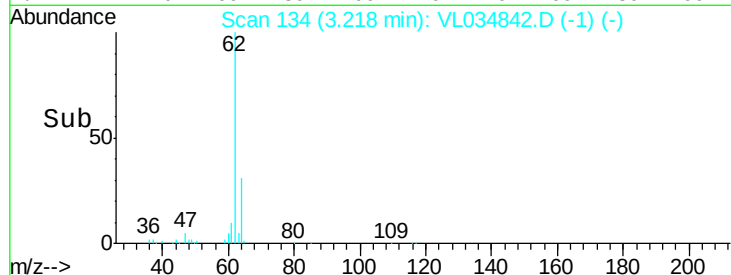
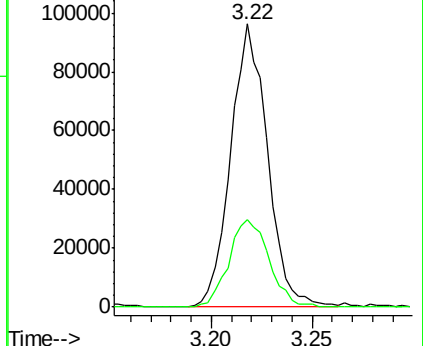
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 2.136 ppbv

RT: 3.44 min Scan# 202

Delta R.T. 0.00 min

Lab File: VL034842.D

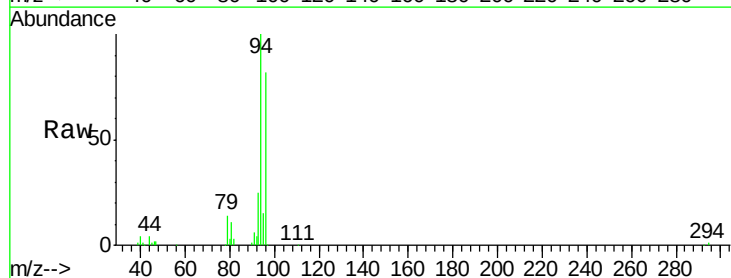
Acq: 9 Mar 2020 12:59

Tgt Ion: 94 Resp: 70964

Ion Ratio Lower Upper

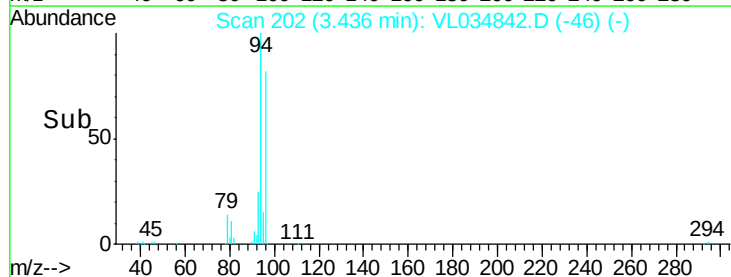
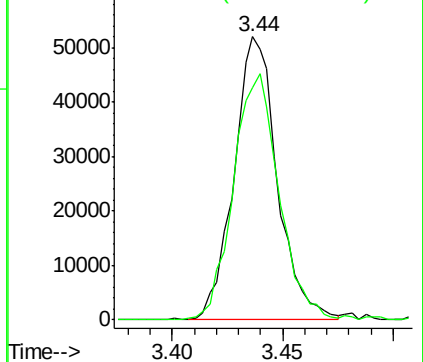
94 100

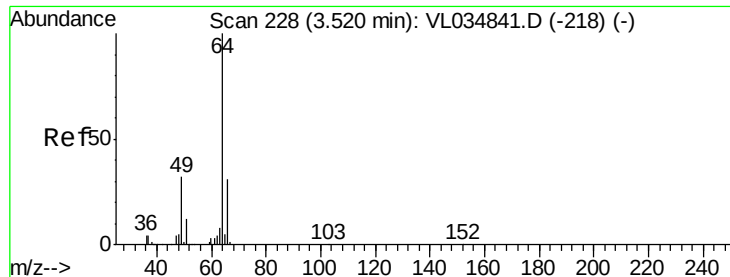
96 81.5 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 2.058 ppbv

RT: 3.52 min Scan# 228

Delta R.T. 0.00 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

Instrument :

MSVOA_L

ClientSampleId :

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Tot Ion: 64 Resp: 43310

Ion Ratio Lower Upper

64 100

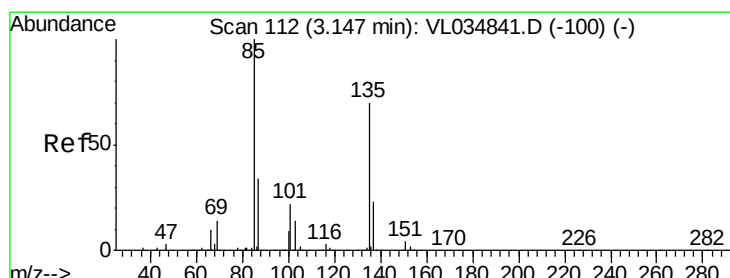
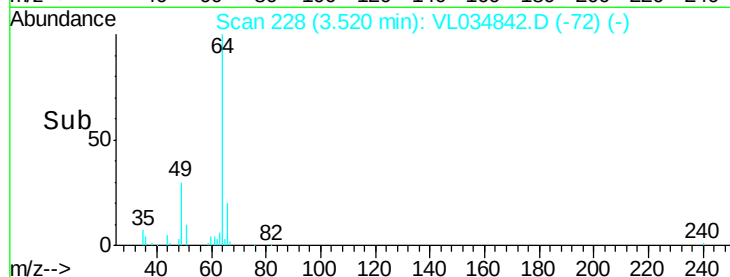
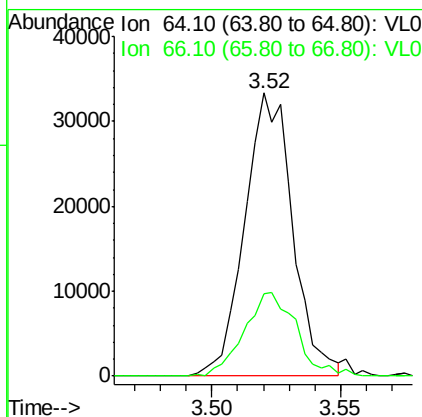
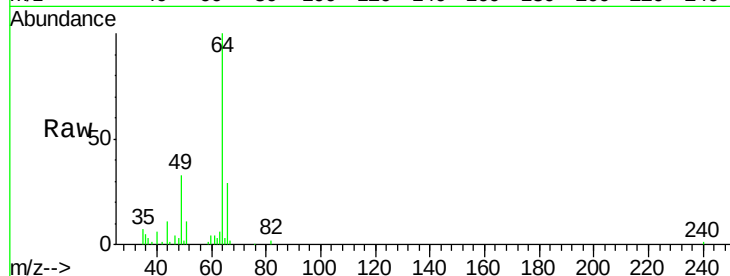
66 29.3 24.8 37.2

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#8

Dichlorotetrafluoroethane

Concen: 2.155 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL034842.D

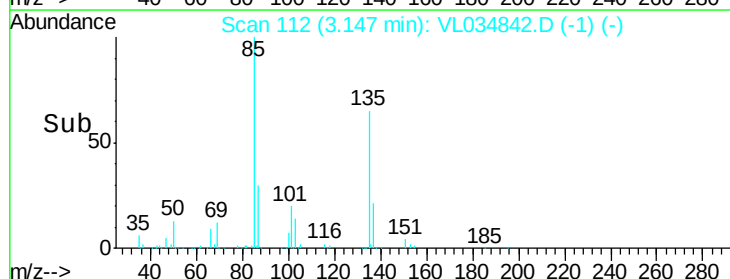
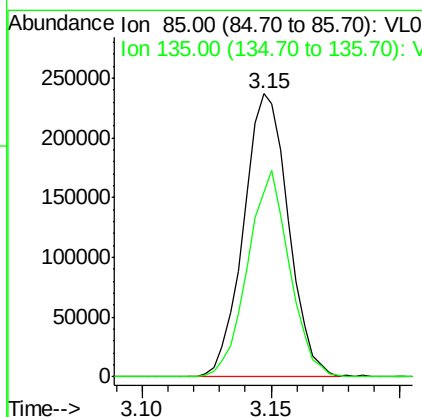
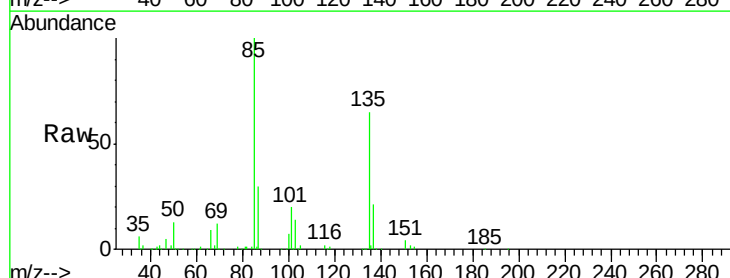
Acq: 9 Mar 2020 12:59

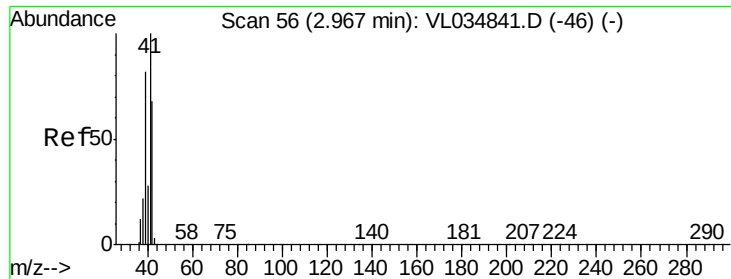
Tgt Ion: 85 Resp: 286844

Ion Ratio Lower Upper

85 100

135 68.1 54.3 81.5





#9

Propene

Concen: 2.484 ppbv

RT: 2.97 min Scan# 56

Delta R.T. 0.00 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 41 Resp: 104567

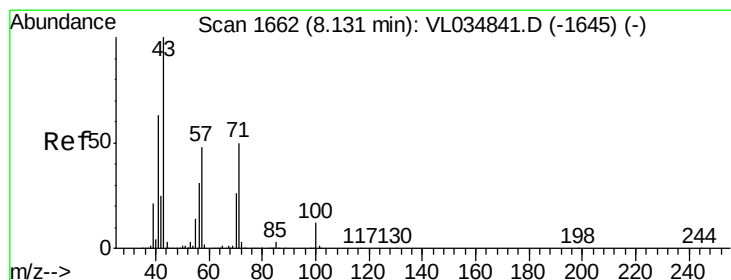
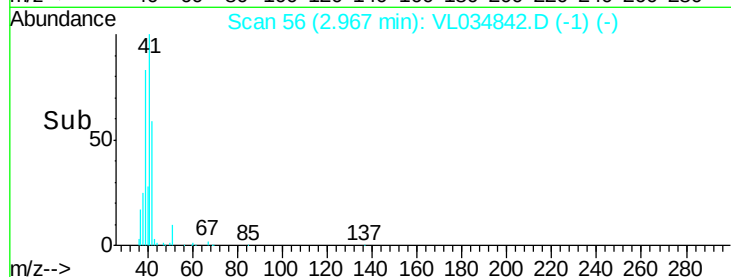
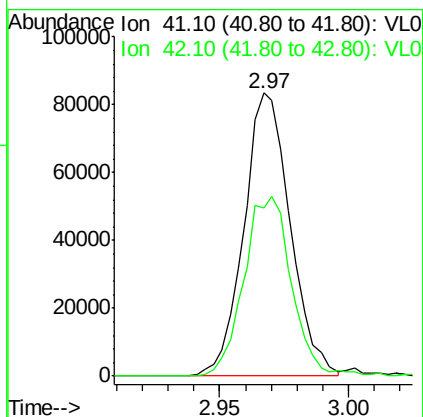
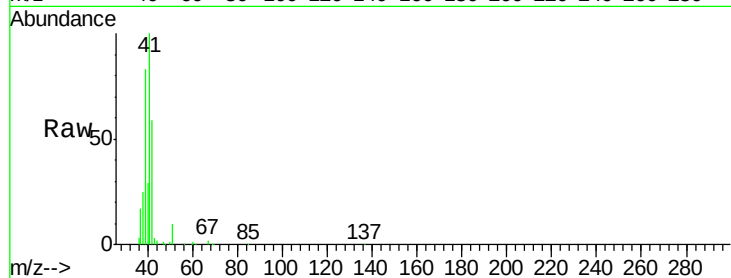
Ion Ratio Lower Upper

41 100

42 65.7 55.2 82.8

Manual Integrations
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#10

Heptane

Concen: 2.449 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL034842.D

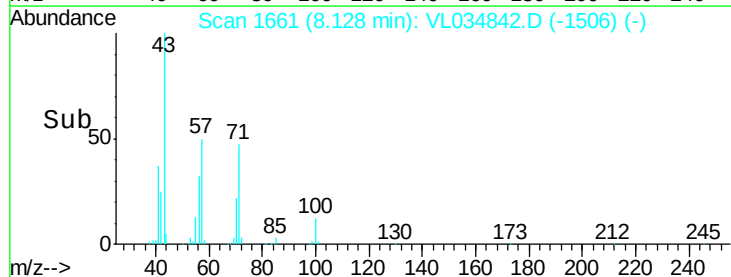
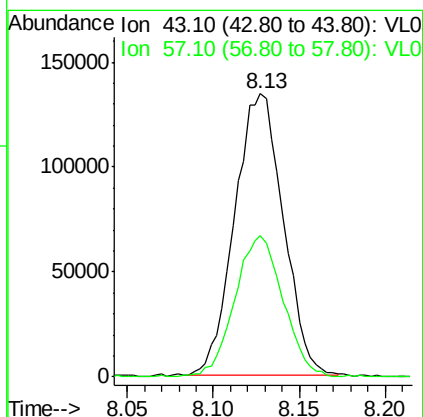
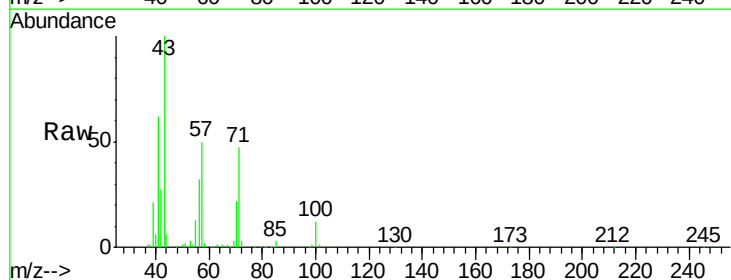
Acq: 9 Mar 2020 12:59

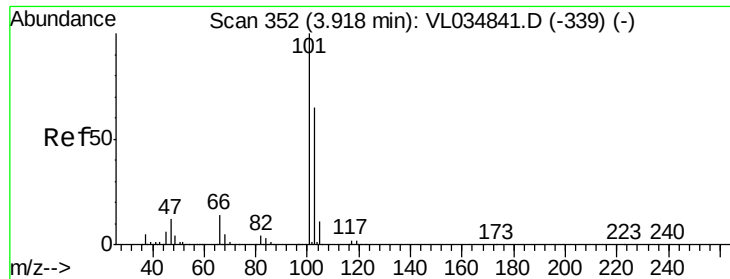
Tgt Ion: 43 Resp: 261986

Ion Ratio Lower Upper

43 100

57 50.2 39.7 59.5





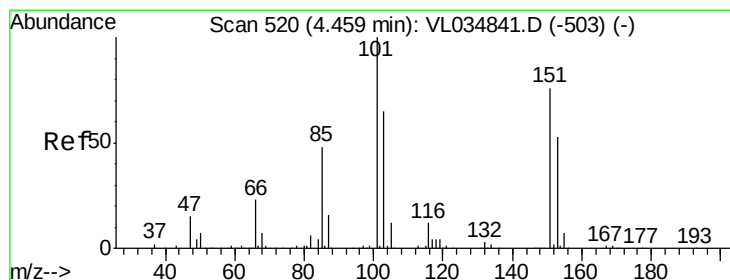
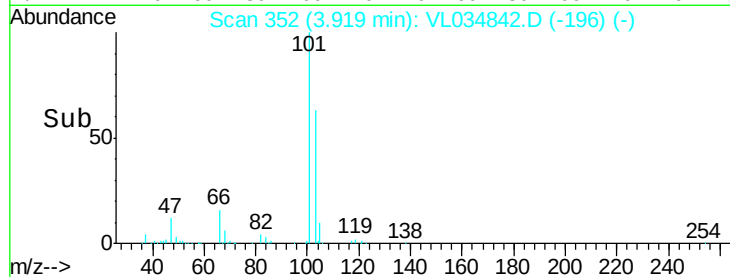
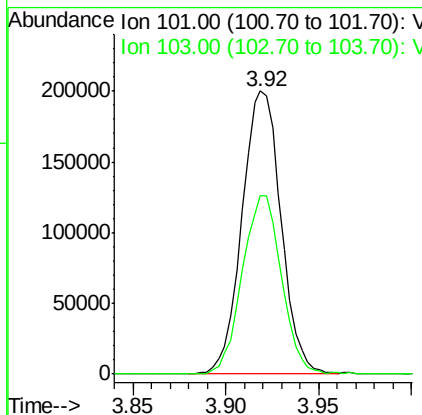
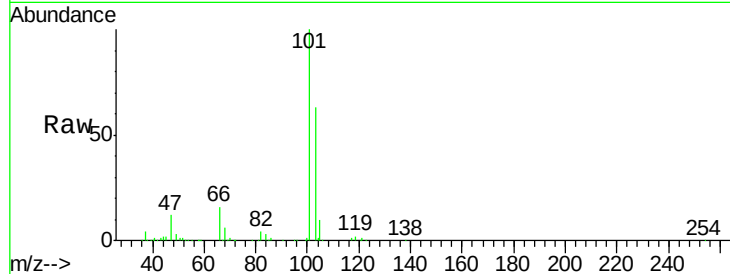
#11
 Trichlorofluoromethane
 Concen: 2.140 ppbv
 RT: 3.92 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.8	77.8

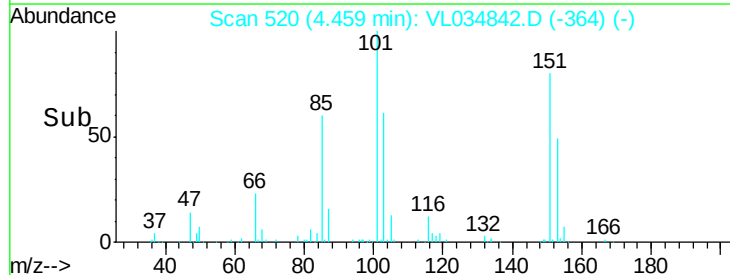
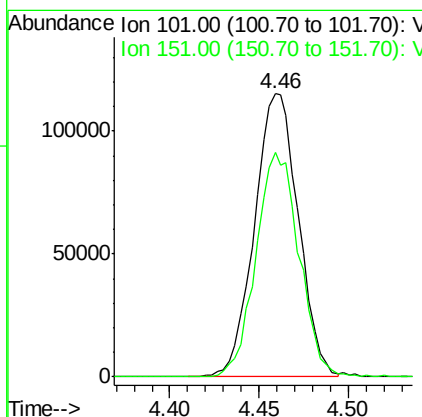
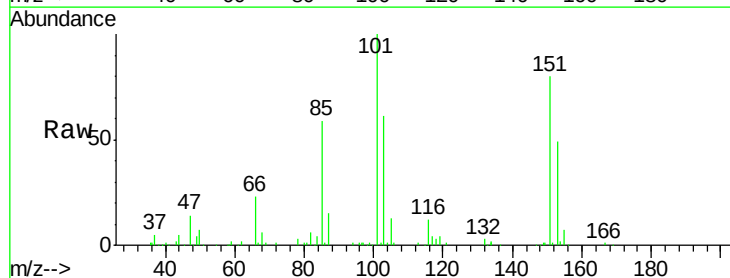
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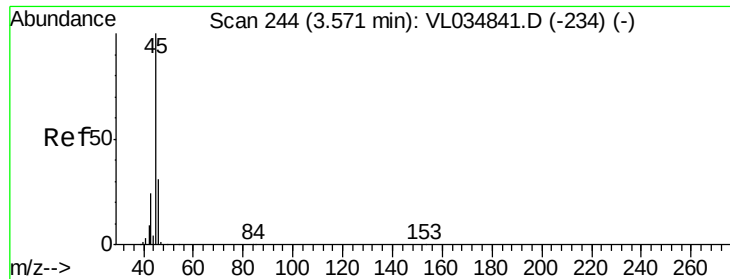
MMDadoda
 3/11/2020 3:25:57 PM



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.096 ppbv
 RT: 4.46 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
101	100		
151	78.0	60.8	91.2





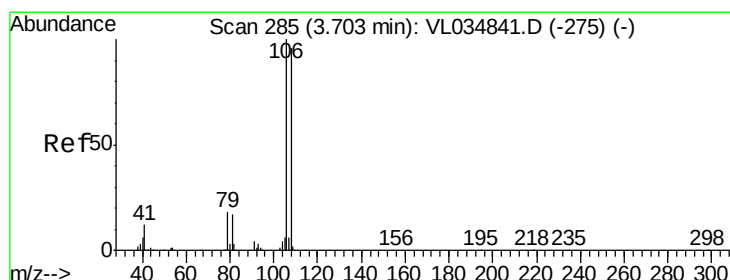
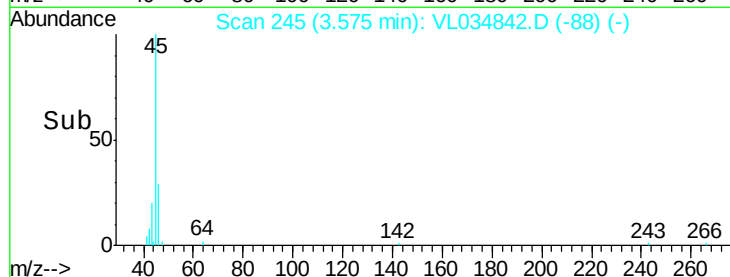
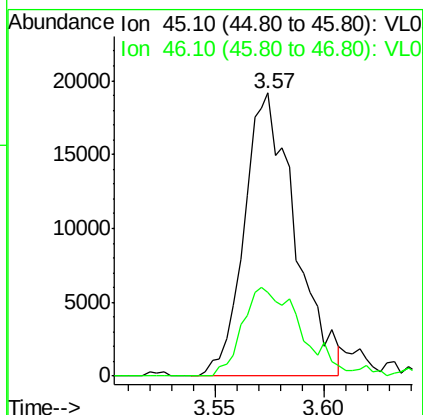
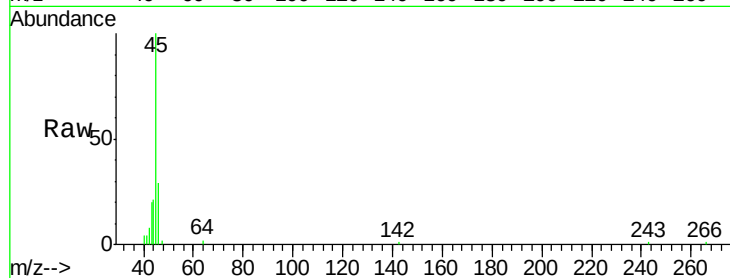
#13
Ethanol
Concen: 2.166 ppbv m
RT: 3.57 min Scan# 245
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion: 45 Resp: 31244
Ion Ratio Lower Upper
45 100
46 36.9 16.0 64.0

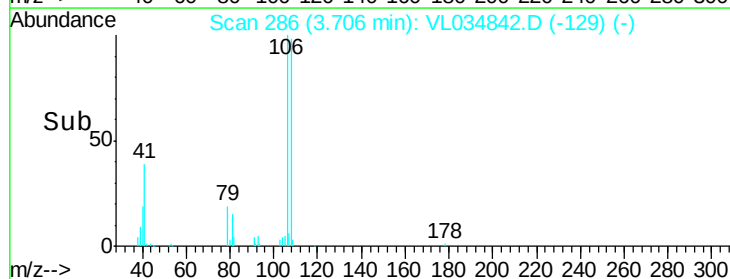
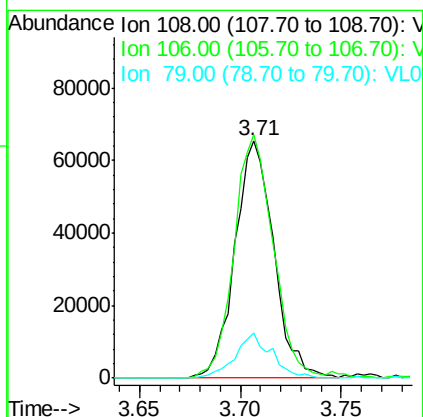
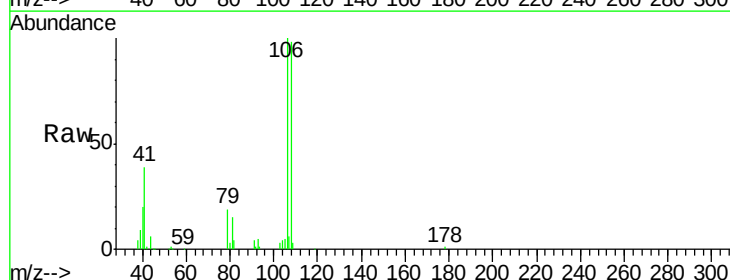
Manual Integrations
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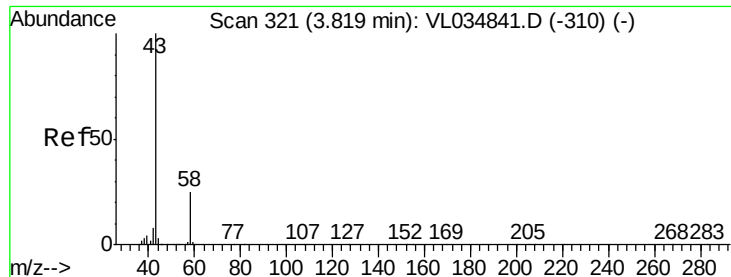
MMDadoda
3/11/2020 3:25:57 PM



#14
Bromoethene
Concen: 2.274 ppbv
RT: 3.71 min Scan# 286
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion: 108 Resp: 88273
Ion Ratio Lower Upper
108 100
106 105.1 85.1 127.7
79 17.8 14.7 22.1





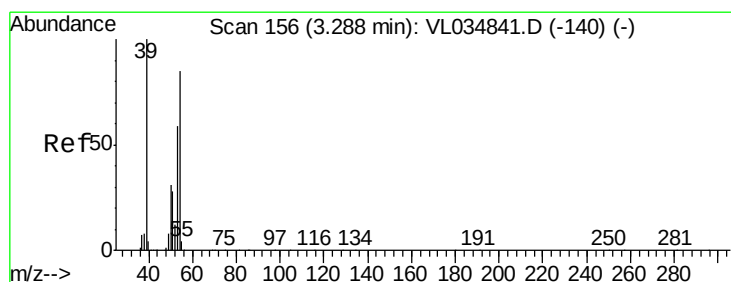
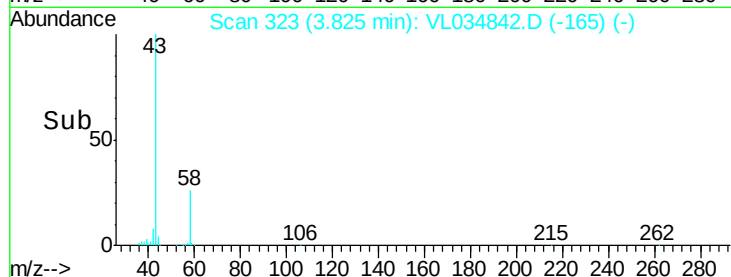
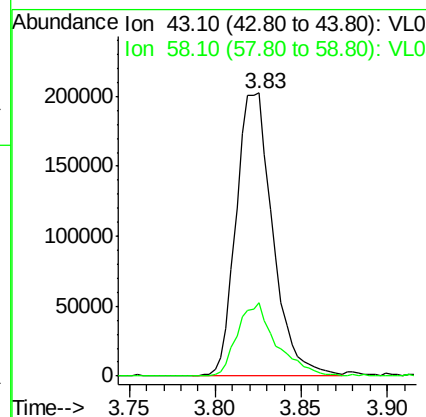
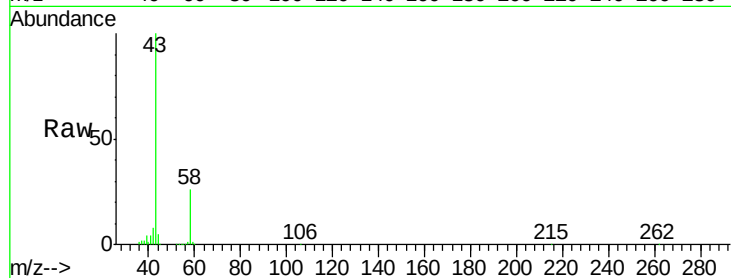
#15
Acetone
Concen: 2.676 ppbv
RT: 3.83 min Scan# 323
Delta R.T. 0.01 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion: 43 Resp: 300827
Ion Ratio Lower Upper
43 100
58 27.6 21.0 31.6

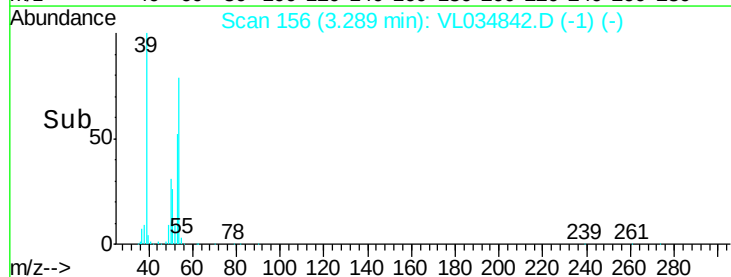
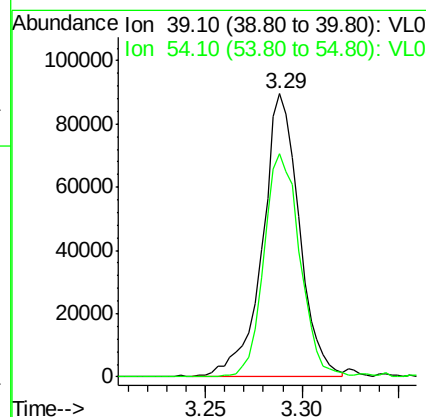
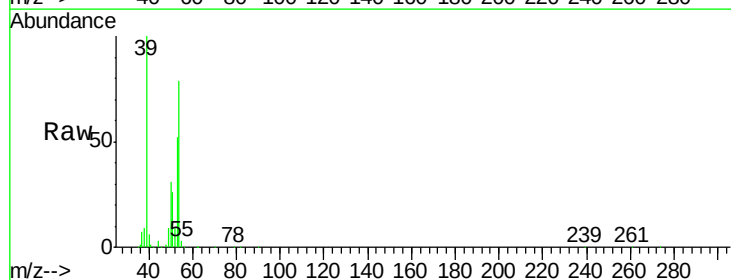
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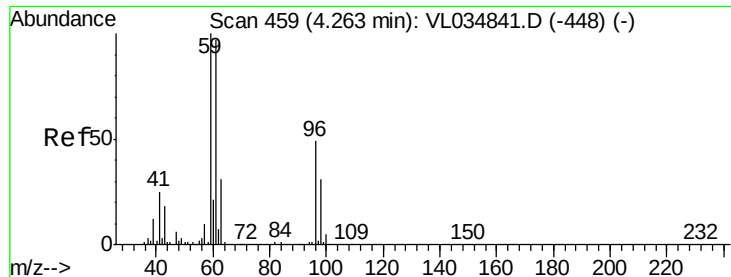
MMDadoda
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#16
1,3-Butadiene
Concen: 2.335 ppbv
RT: 3.29 min Scan# 156
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion: 39 Resp: 118781
Ion Ratio Lower Upper
39 100
54 77.9 65.0 97.6





#17

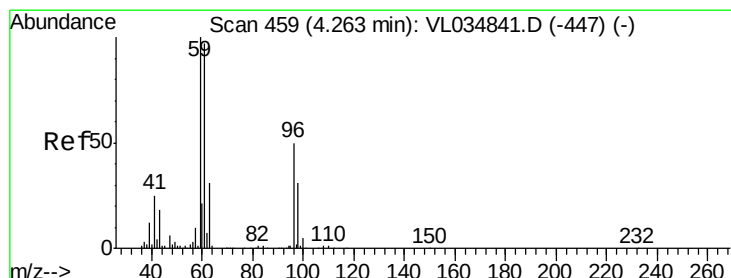
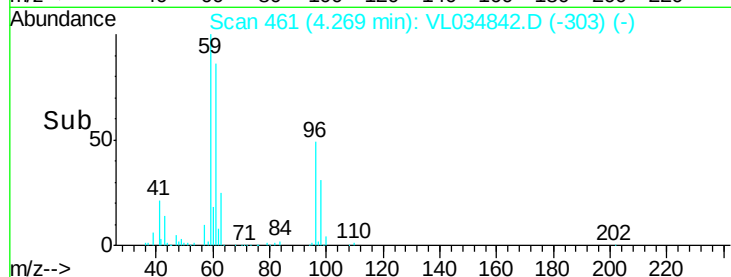
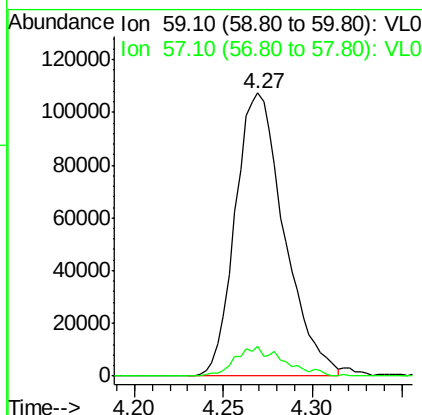
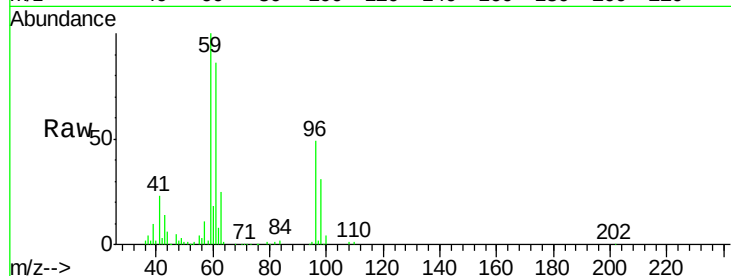
tert-Butyl alcohol
Concen: 2.319 ppbv
RT: 4.27 min Scan# 461
Delta R.T. 0.01 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	59	Resp	205610
Ion Ratio	100	Lower	Upper
57	10.4	8.3	12.5

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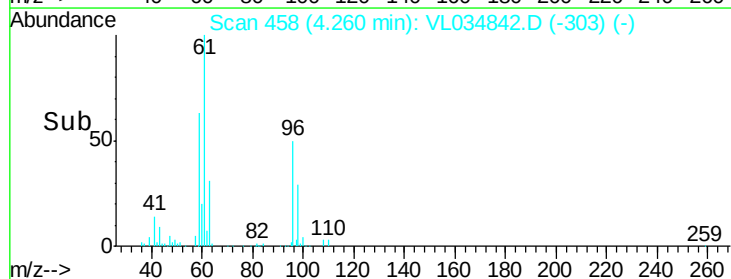
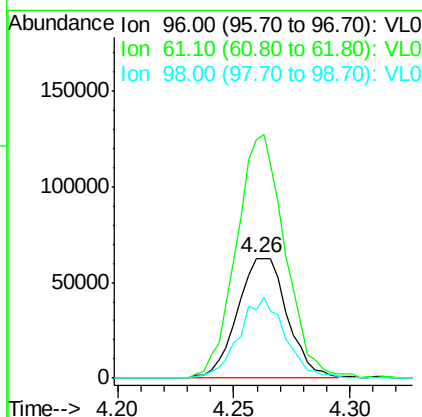
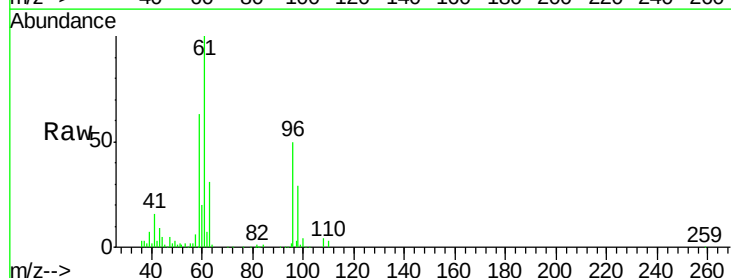
MMDadoda
3/11/2020 3:25:57 PM

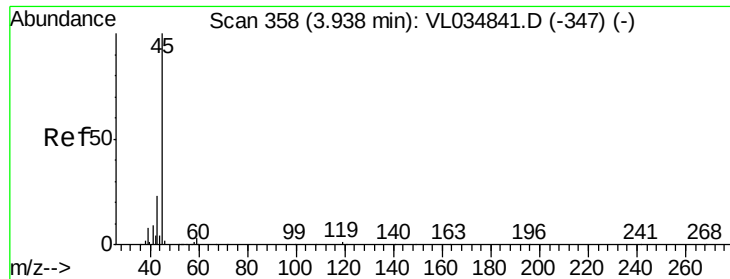


#18

1,1-Dichloroethene
Concen: 2.252 ppbv
RT: 4.26 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	96	Resp	93952
Ion Ratio	100	Lower	Upper
61	198.4	157.3	235.9
98	57.0	50.2	75.4





#19

Isopropyl Alcohol

Concen: 2.000 ppbv

RT: 3.94 min Scan# 358

Delta R.T. 0.00 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 45 Resp: 134711

Ion Ratio Lower Upper

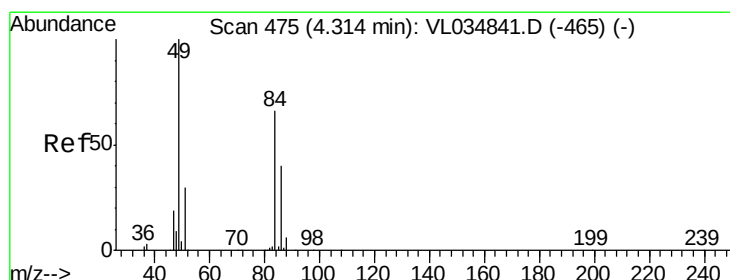
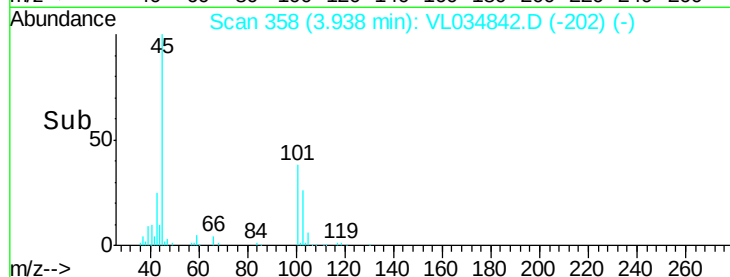
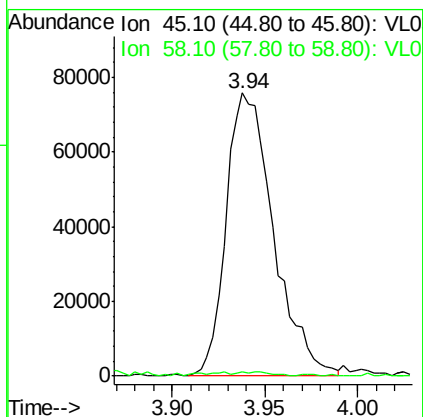
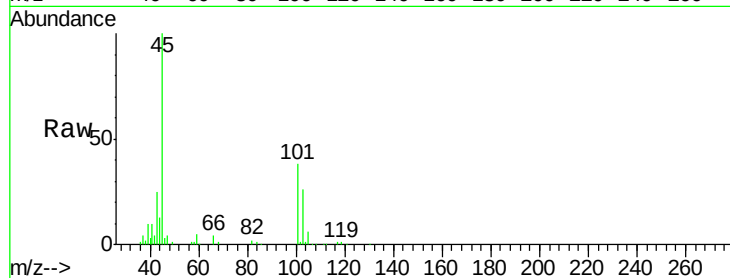
45 100

58 2.1 30.5 45.7#

Manual Integrations
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#20

Methylene Chloride

Concen: 1.893 ppbv

RT: 4.31 min Scan# 475

Delta R.T. 0.00 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

Tgt Ion: 84 Resp: 75944

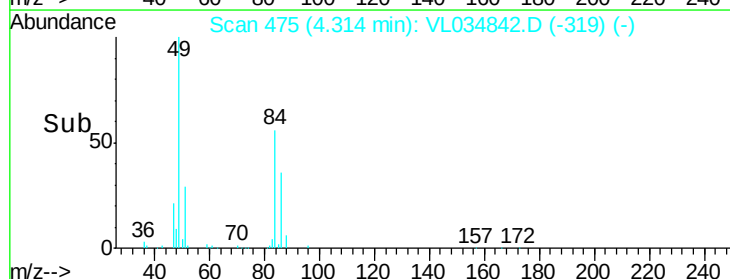
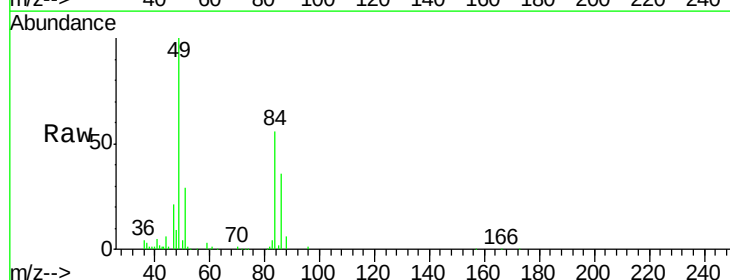
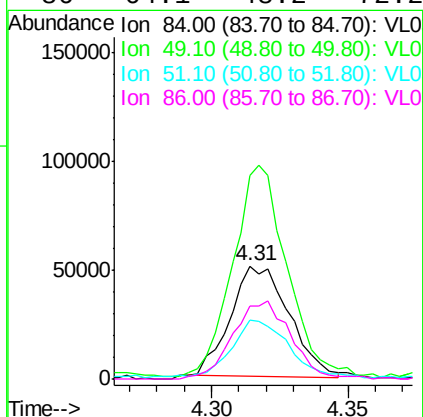
Ion Ratio Lower Upper

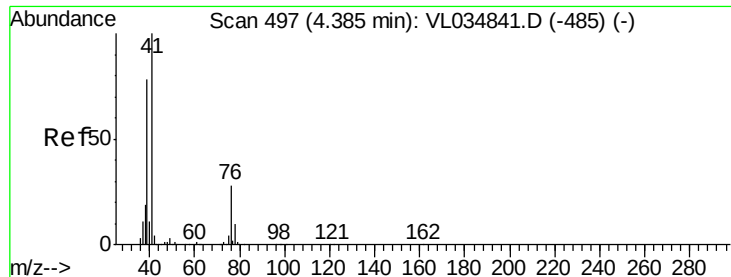
84 100

49 180.0 121.5 182.3

51 51.8 36.6 55.0

86 64.1 48.2 72.2





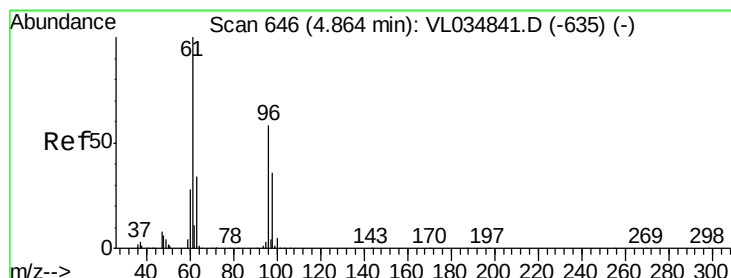
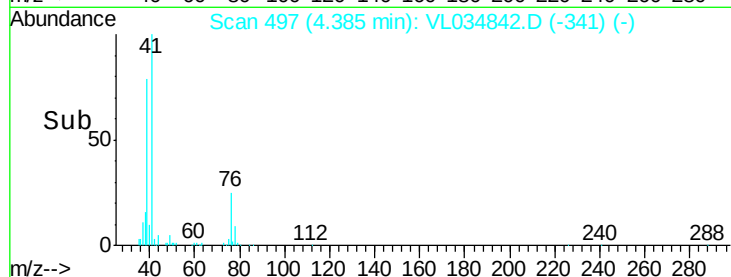
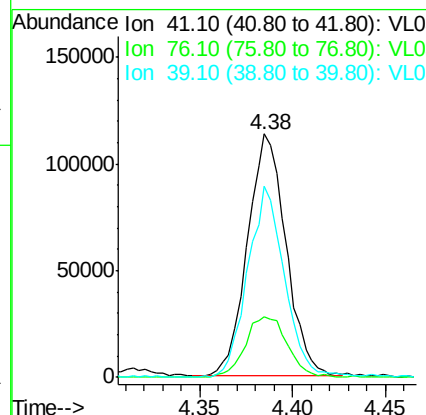
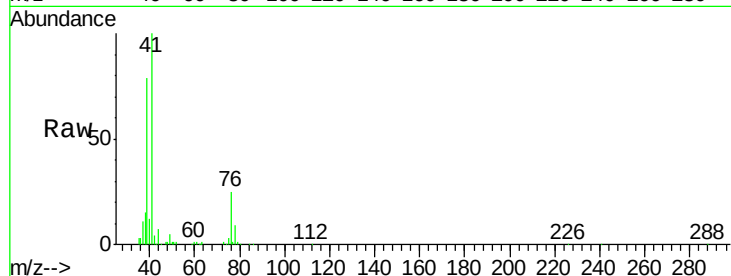
#21
Allvl Chloride
Concen: 2.310 ppbv
RT: 4.38 min Scan# 497
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
41	100		
76	27.5	22.2	33.2
39	75.4	62.6	93.8

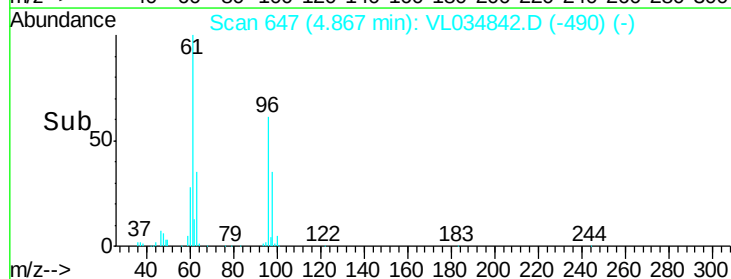
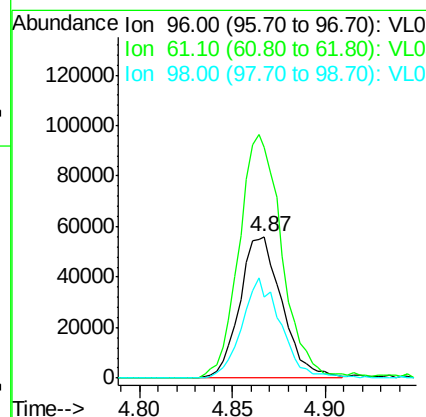
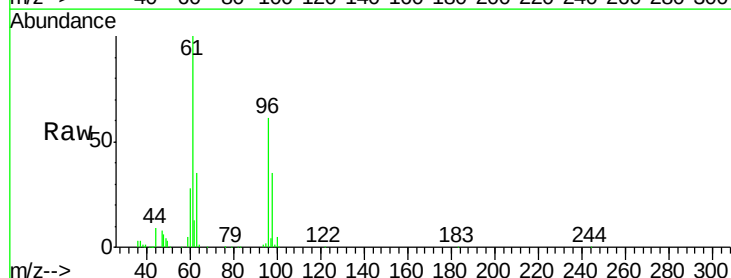
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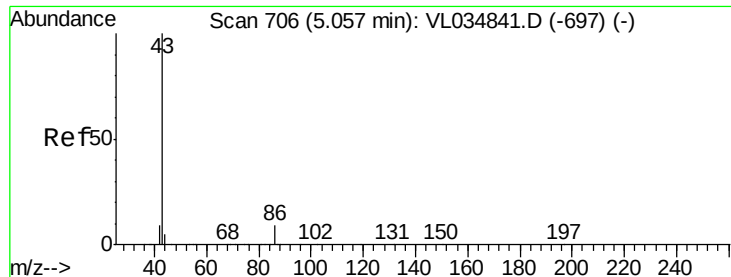
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#22
trans-1,2-Dichloroethene
Concen: 2.182 ppbv
RT: 4.87 min Scan# 647
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.0	139.0	208.6
98	57.1	50.3	75.5





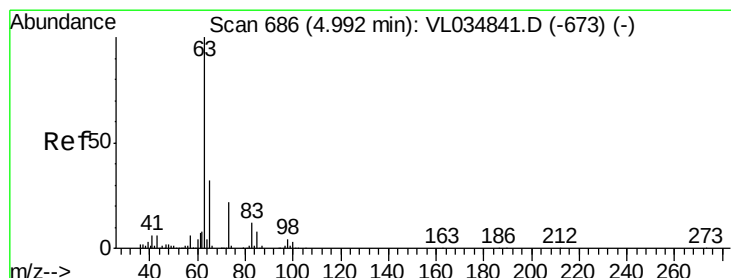
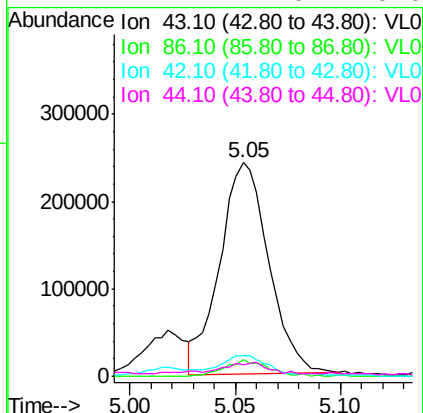
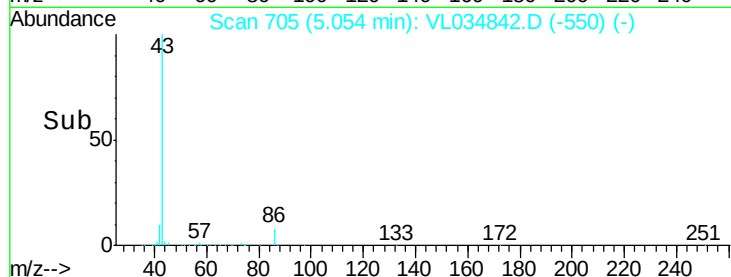
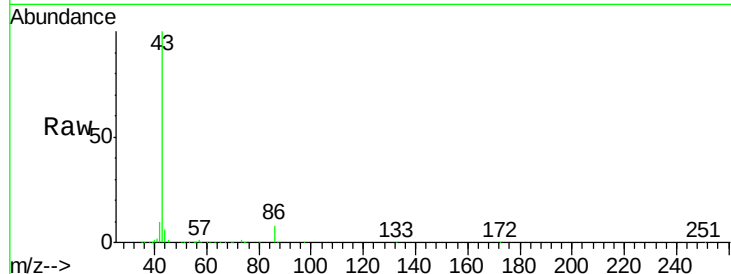
#23
 Vinyl Acetate
 Concen: 2.568 ppbv
 RT: 5.05 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	43	Resp	387165
Ion Ratio	Lower	Upper	
43	100		
86	8.0	6.3	9.5
42	9.4	7.8	11.8
44	4.4	4.0	6.0

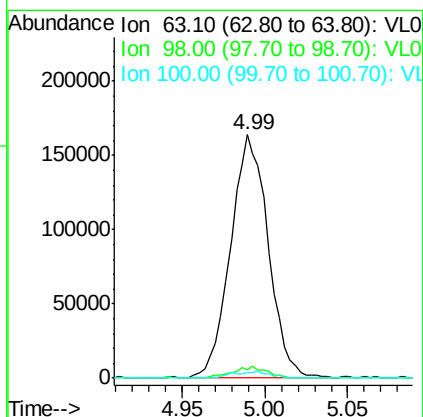
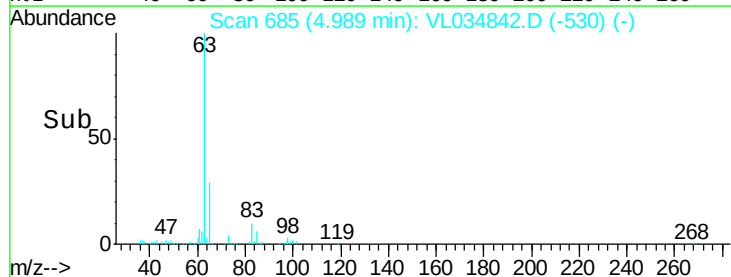
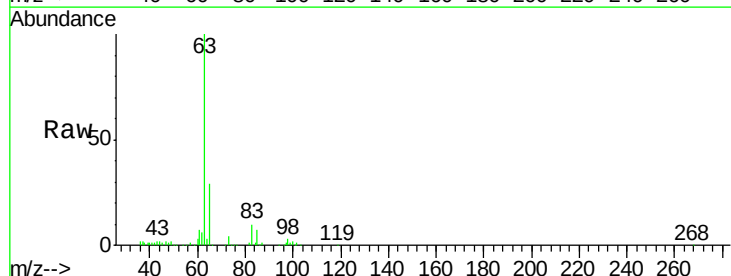
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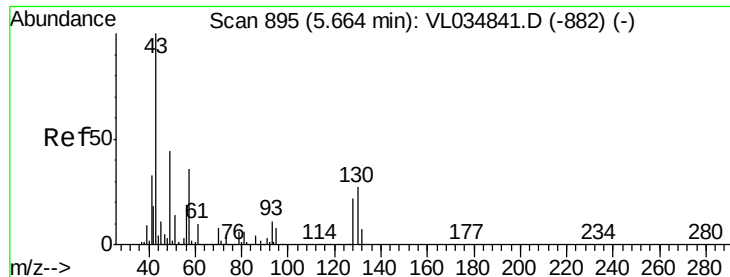
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#24
 1,1-Dichloroethane
 Concen: 2.187 ppbv
 RT: 4.99 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	63	Resp	255858
Ion Ratio	Lower	Upper	
63	100		
98	3.1	2.0	5.8
100	2.2	1.4	4.0





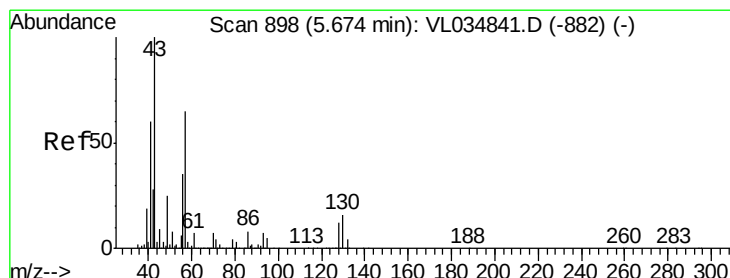
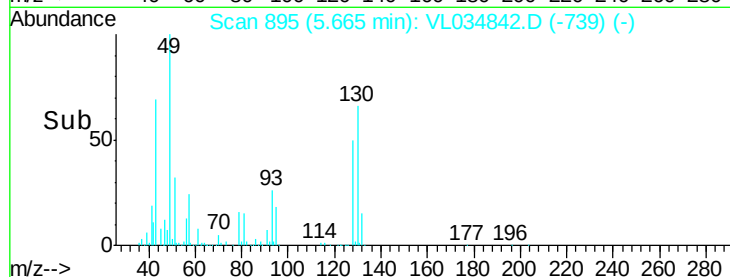
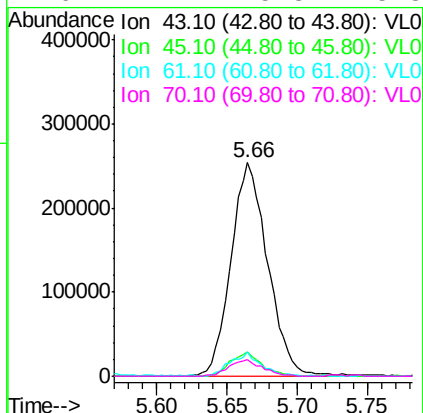
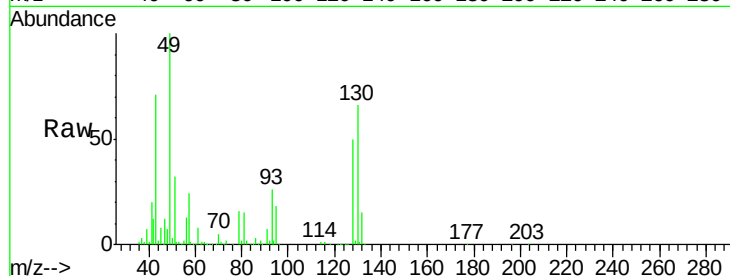
#25
Ethyl Acetate
Concen: 2.382 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
45	9.8		8.2	12.2
61	9.9		7.8	11.6
70	7.2		5.8	8.8

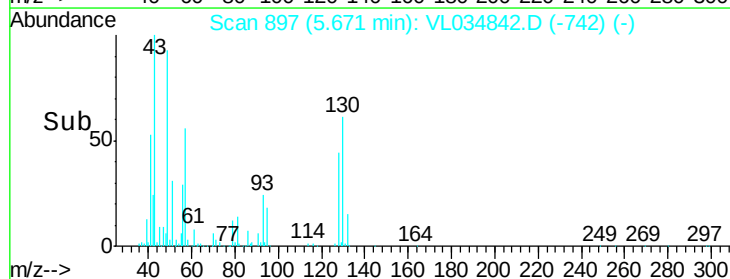
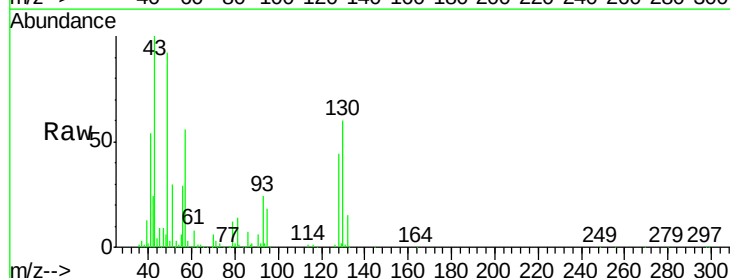
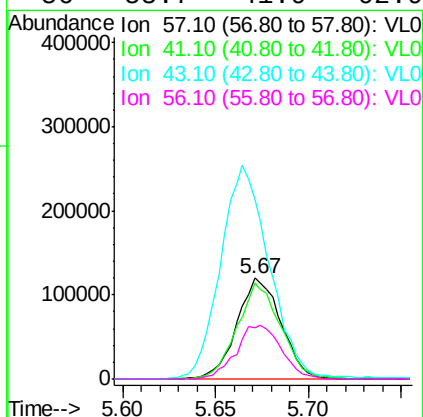
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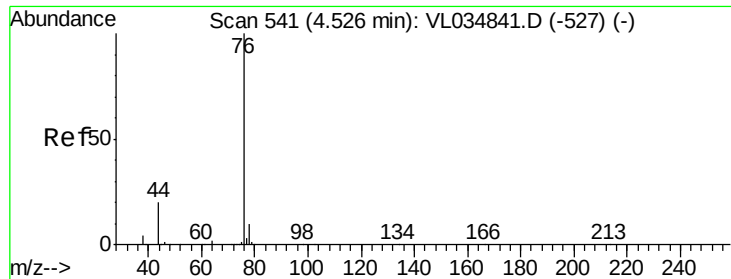
MMDadoda
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#26
Hexane
Concen: 2.305 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
57	100			
41	95.1		72.6	109.0
43	236.8		183.8	275.6
56	55.7		41.9	62.9





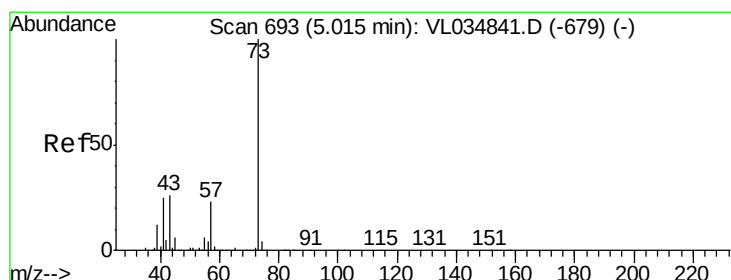
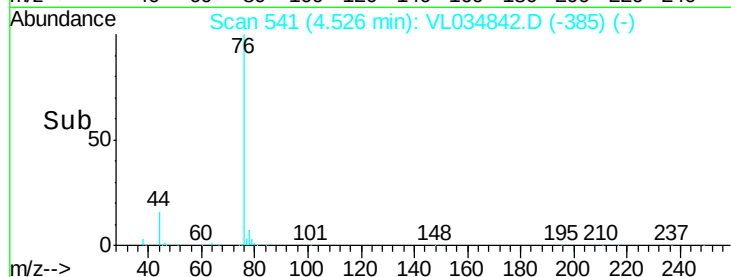
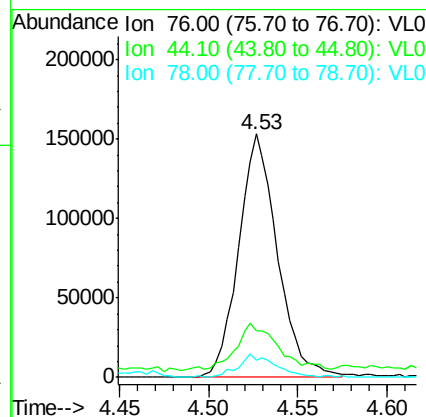
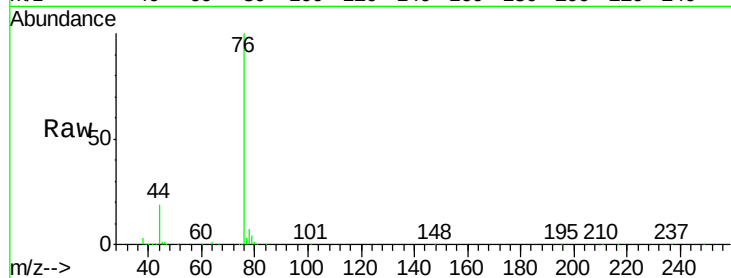
#27
Carbon Disulfide
Concen: 2.326 ppbv
RT: 4.53 min Scan# 541
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
76	100		
44	23.0	16.2	24.2
78	9.6	7.8	11.6

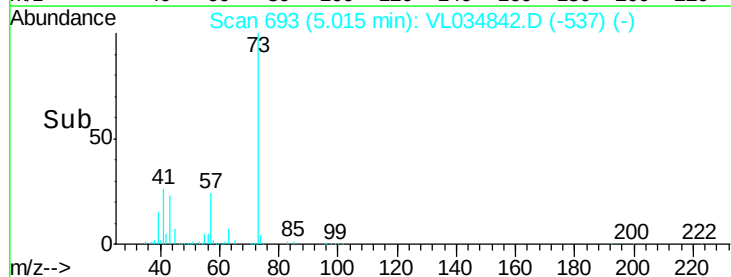
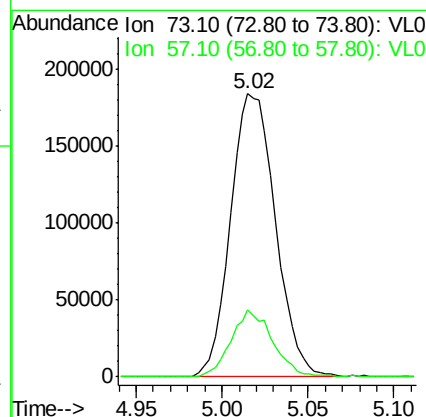
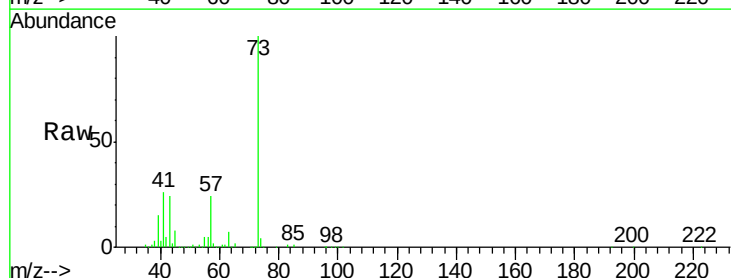
Manual Integrations
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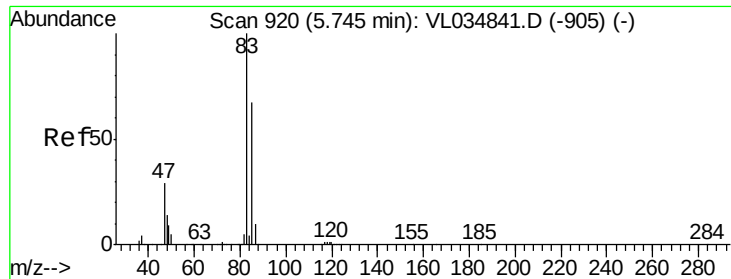
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3/11/2020 3:25:57 PM



#28
Methyl tert-Butyl Ether
Concen: 2.642 ppbv
RT: 5.02 min Scan# 693
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.3	27.5





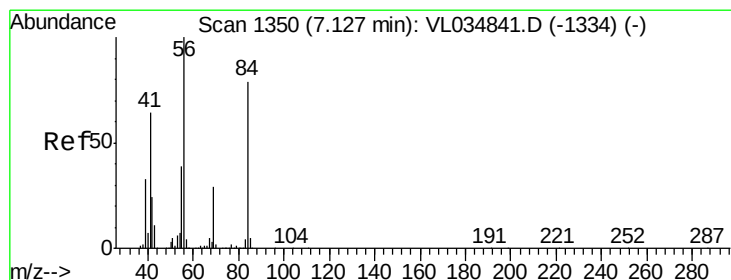
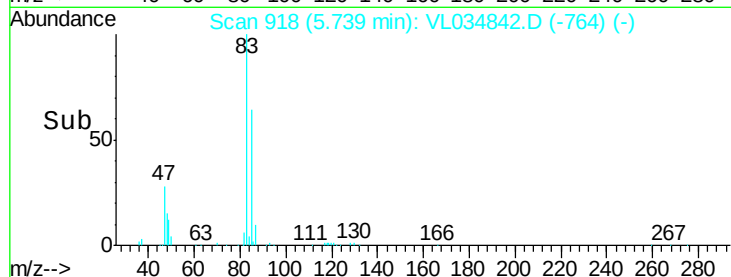
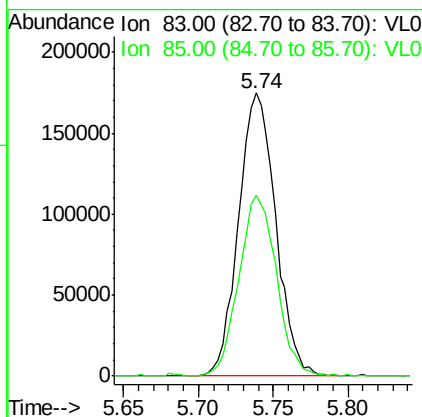
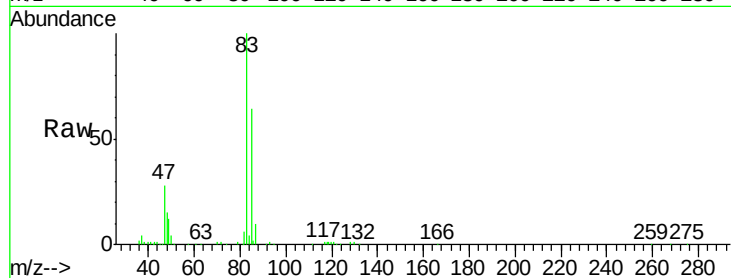
#29
Chloroform
Concen: 2.119 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.01 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	83	Resp	302766
Ion Ratio	Lower	Upper	
83	100		
85	63.8	53.8	80.6

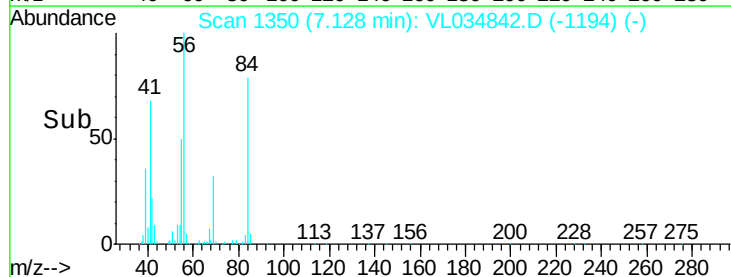
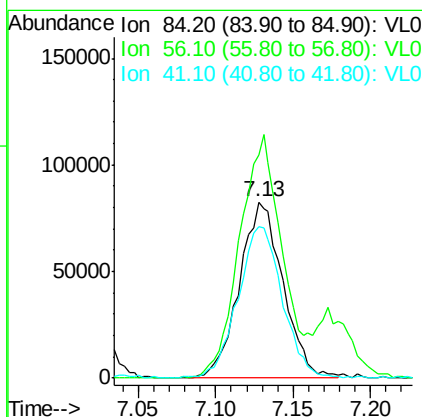
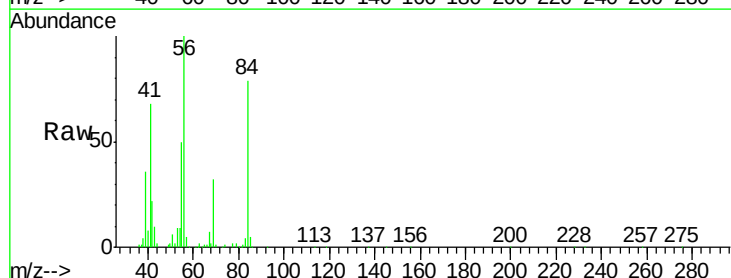
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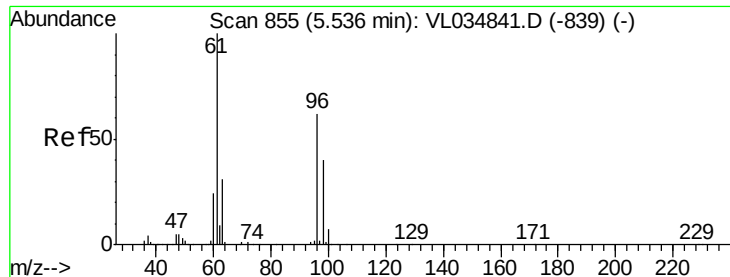
MMDadoda
3/11/2020 3:25:57 PM



#30
Cyclohexane
Concen: 2.464 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	84	Resp	159988
Ion Ratio	Lower	Upper	
84	100		
56	139.0	110.5	165.7
41	89.2	68.2	102.4





#31

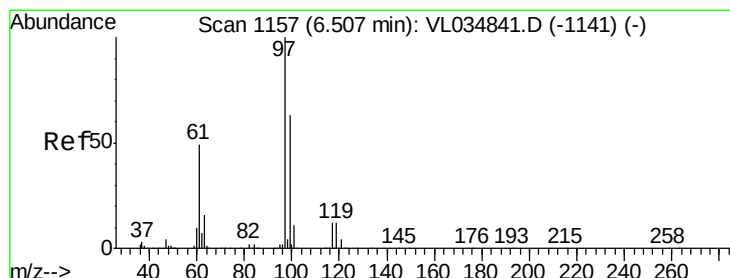
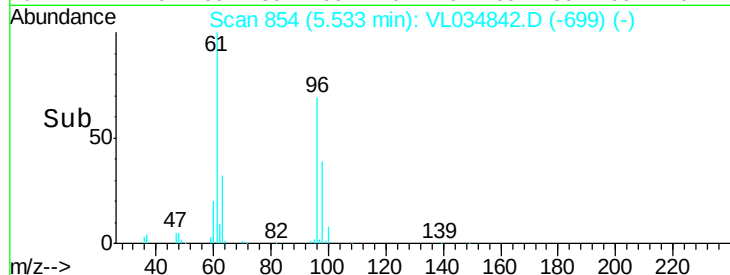
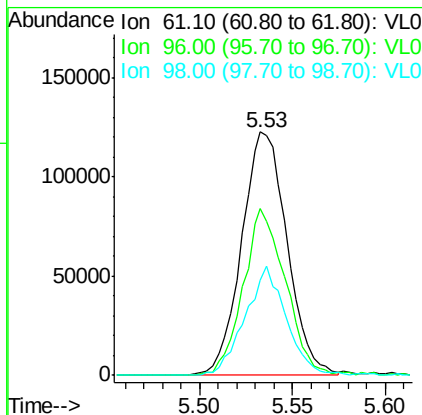
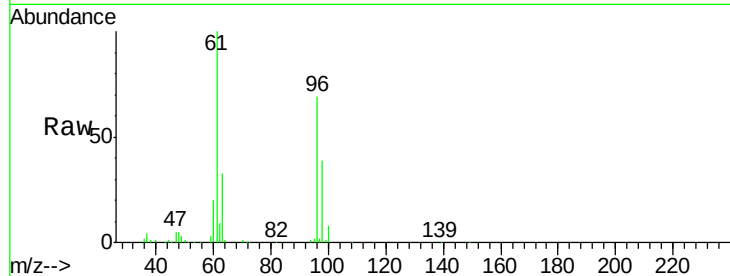
cis-1,2-Dichloroethene
 Concen: 2.398 ppbv
 RT: 5.53 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
61	100		
96	68.7	49.8	74.8
98	38.8	32.2	48.4

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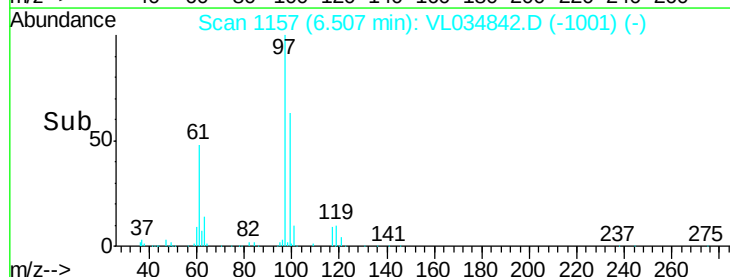
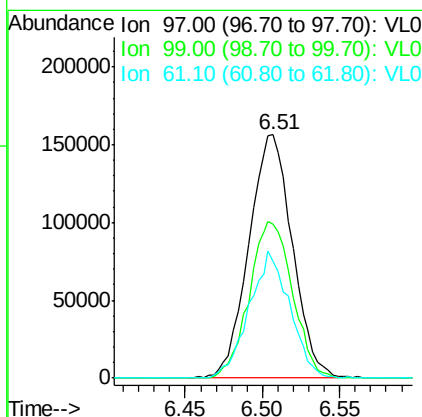
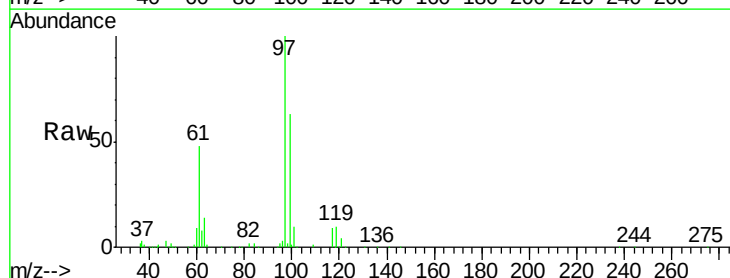
MMDadoda
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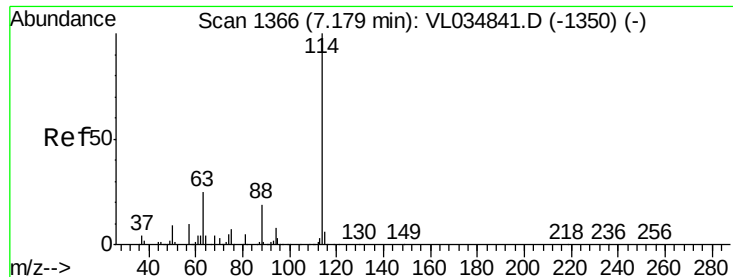


#32

1,1,1-Trichloroethane
 Concen: 2.165 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.1	76.7
61	48.9	39.7	59.5





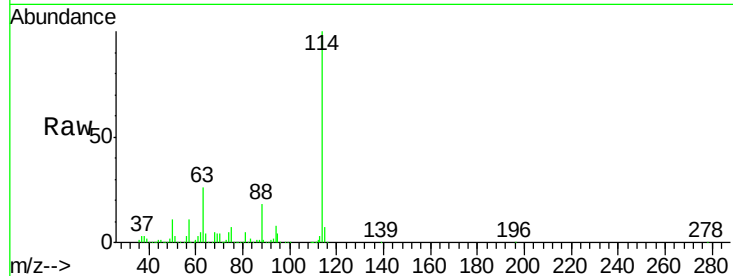
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

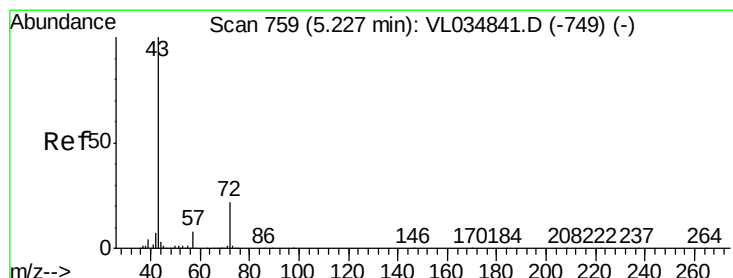
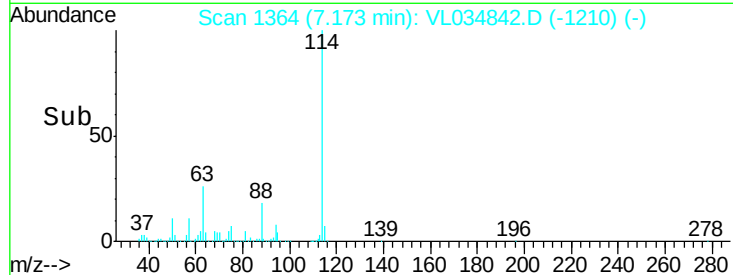
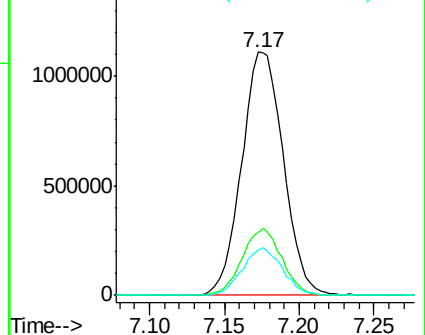
Tot Ion	Ratio	Lower	Upper
114	100		
63	26.4	20.6	31.0
88	18.7	15.0	22.6

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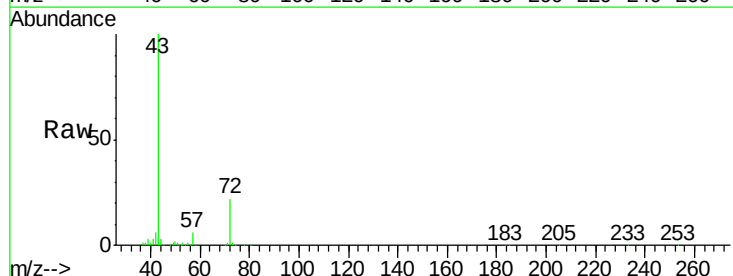


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

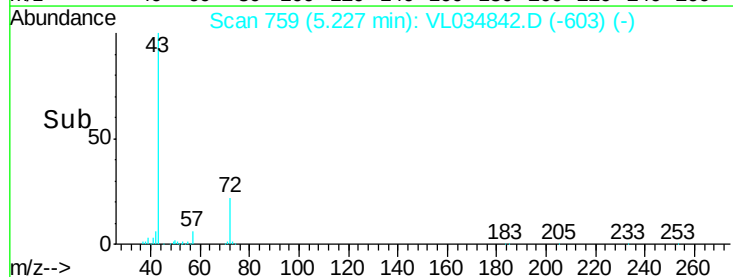
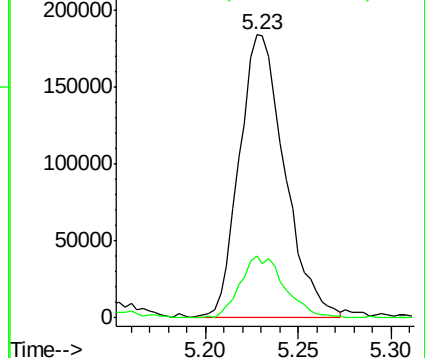


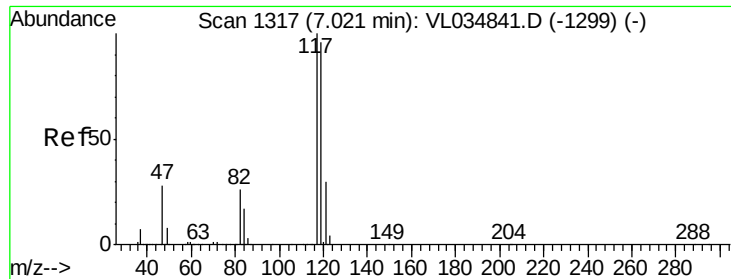
#34
 2-Butanone
 Concen: 2.220 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.6	26.4



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





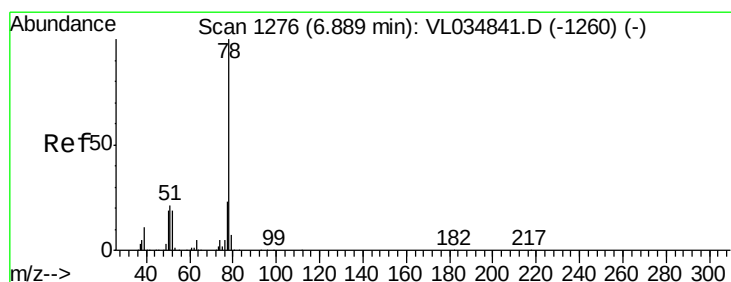
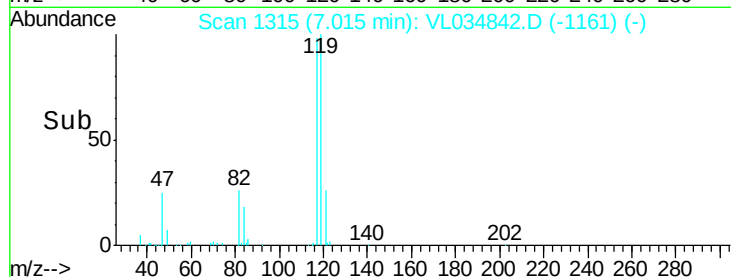
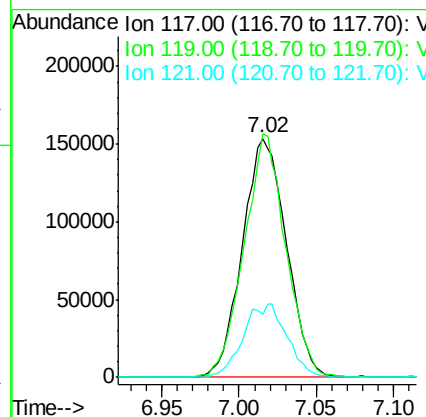
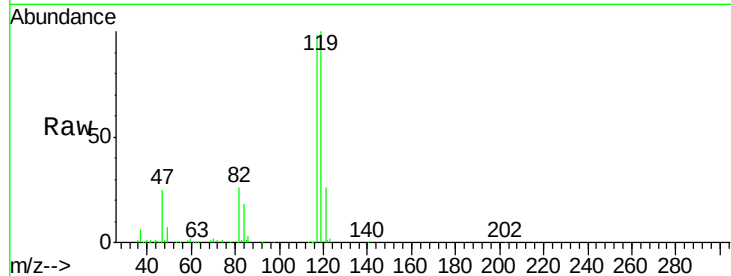
#35
Carbon Tetrachloride
Concen: 1.873 ppbv
RT: 7.02 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
117	100		
119	101.8	77.0	115.4
121	26.7	24.0	36.0

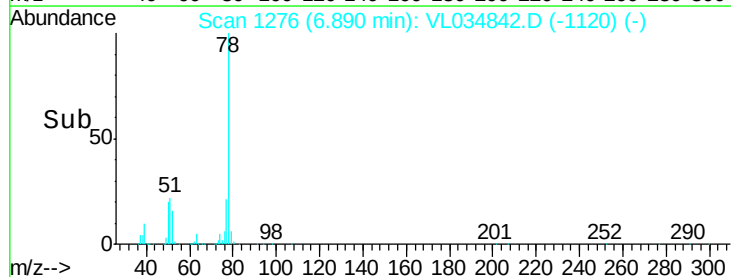
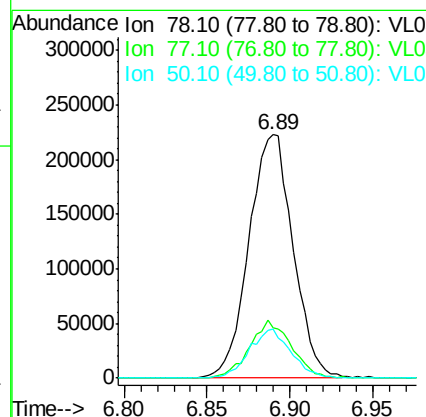
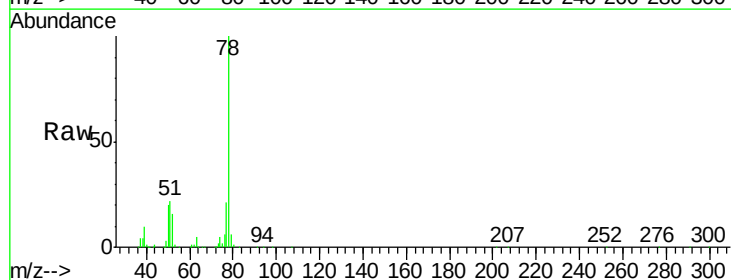
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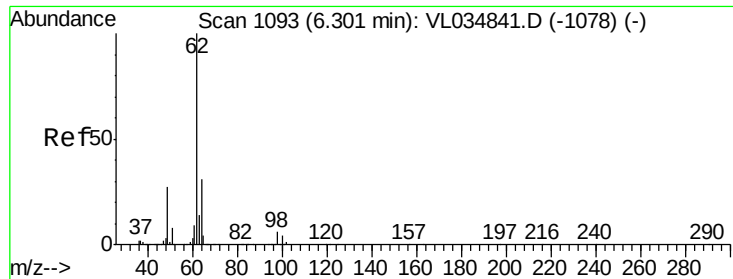
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#36
Benzene
Concen: 2.242 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.6	18.2	27.2
50	20.1	15.2	22.8





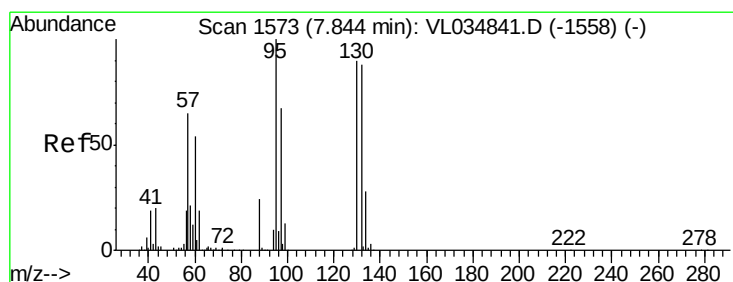
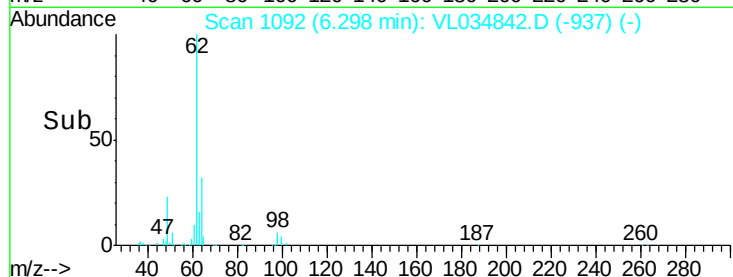
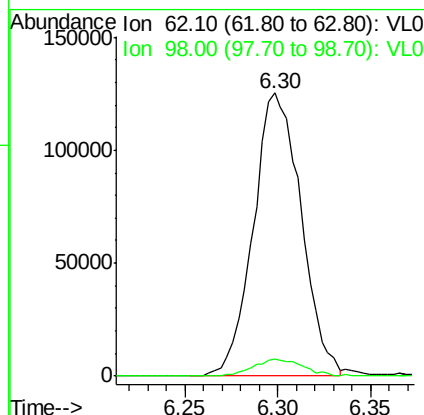
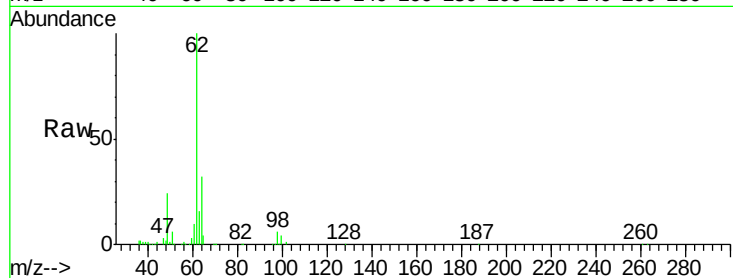
#37
 1,2-Dichloroethane
 Concen: 1.786 ppbv
 RT: 6.30 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Resp	Lower	Upper
62	100	224246		
98	6.4	5.2	7.8	

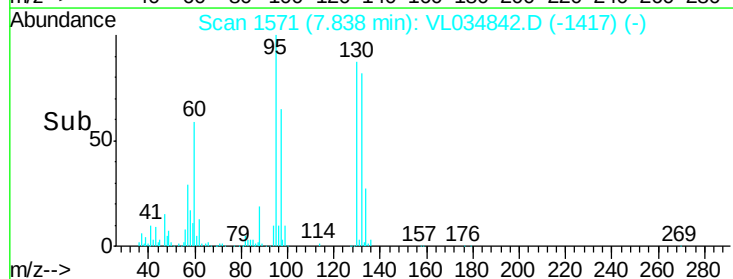
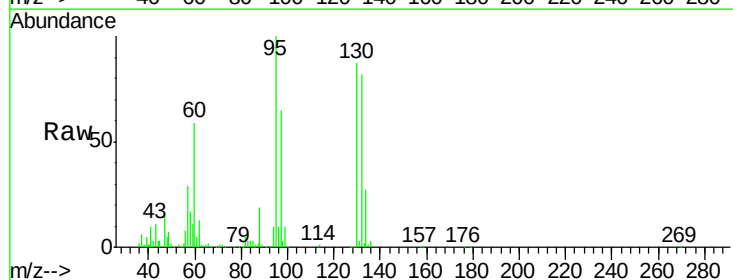
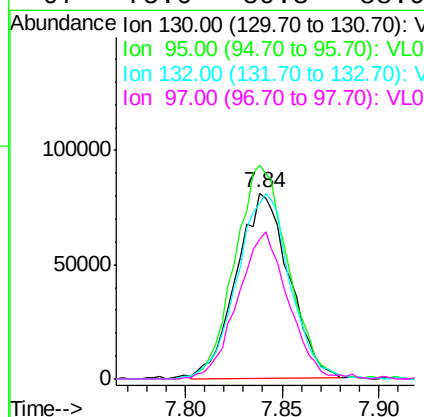
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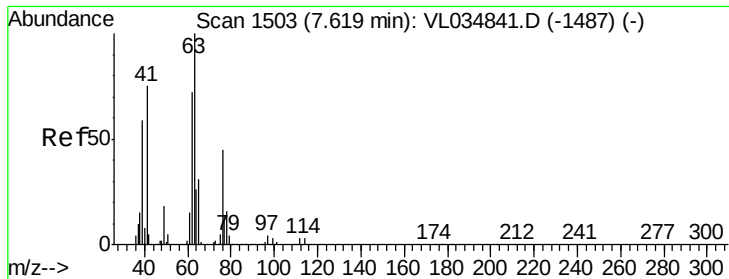
MMDadoda
 3/11/2020 3:25:57 PM



#38
 Trichloroethene
 Concen: 2.137 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	153084		
95	114.7	88.5	132.7	
132	93.9	78.0	117.0	
97	75.0	59.3	88.9	





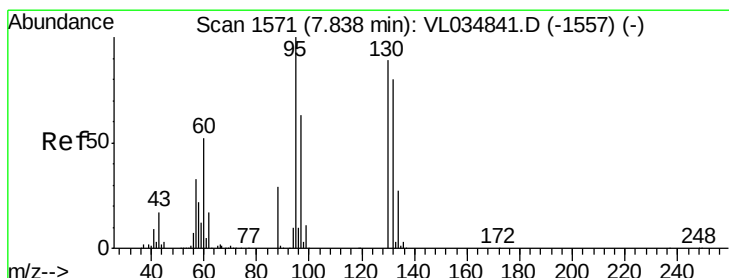
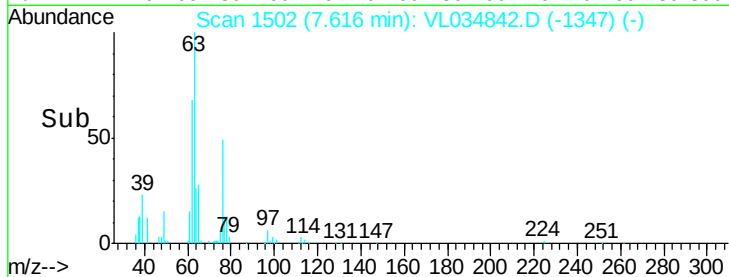
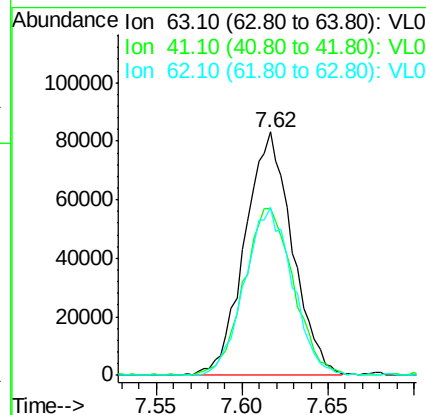
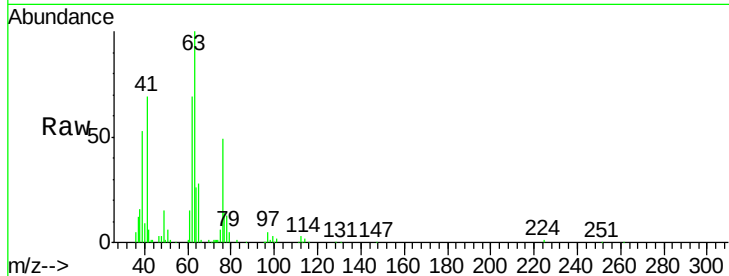
#39
 1,2-Dichloropropane
 Concen: 2.140 ppbv
 RT: 7.62 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
63	100		
41	68.1	59.8	89.8
62	68.6	57.6	86.4

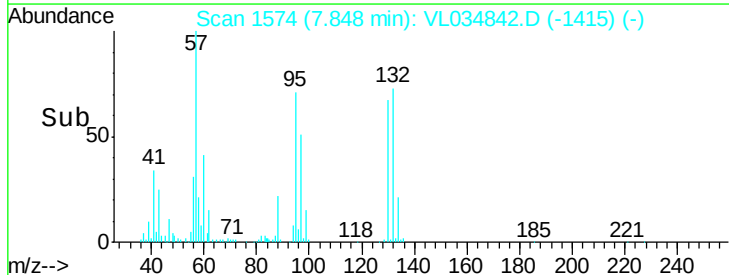
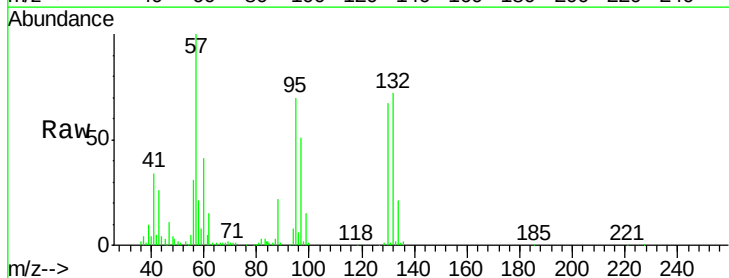
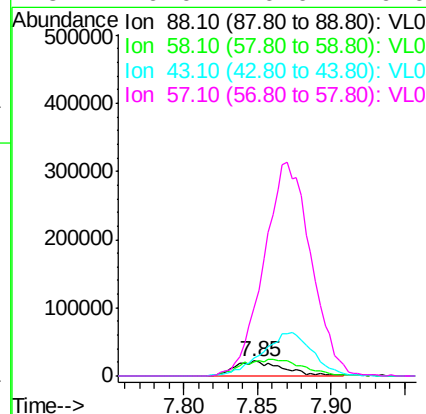
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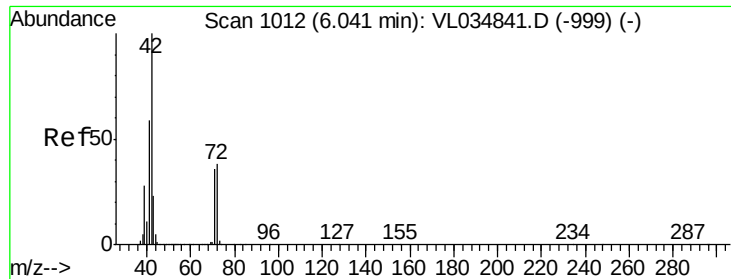
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#40
 1,4-Dioxane
 Concen: 2.033 ppbv m
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	103.9	155.9#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





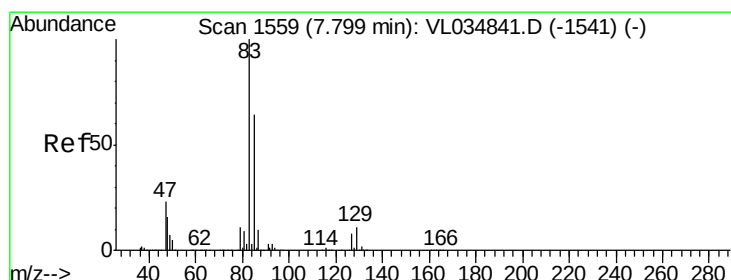
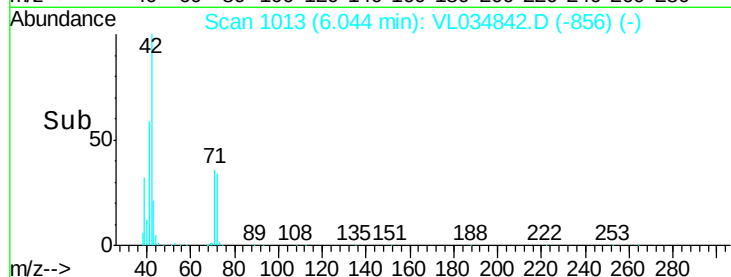
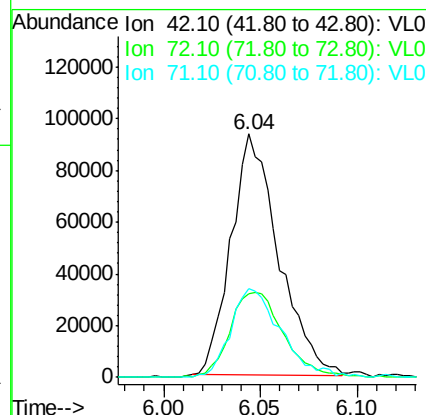
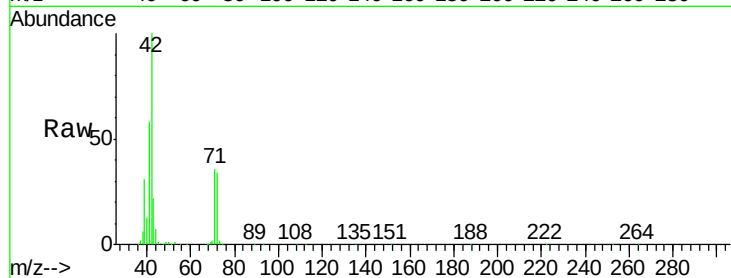
#41
Tetrahydrofuran
Concen: 2.247 ppbv
RT: 6.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	30.8	46.2
71	38.7	30.1	45.1

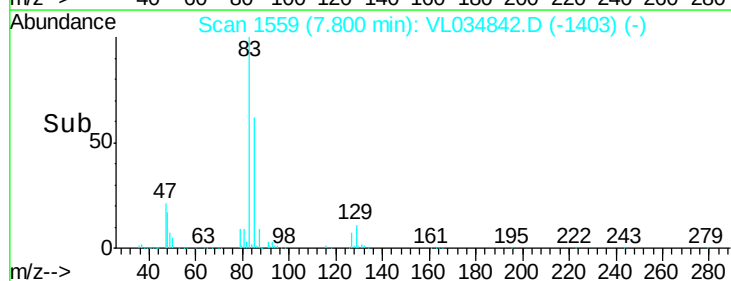
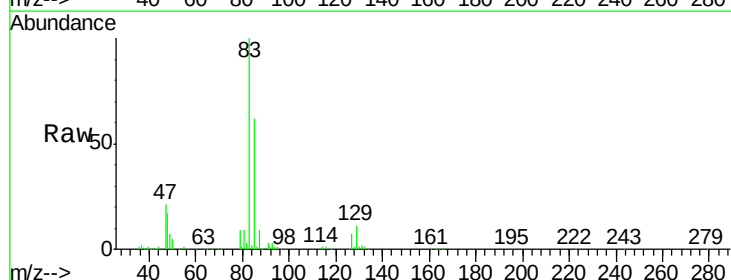
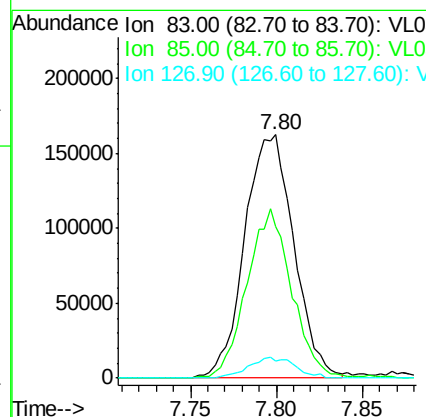
Manual Integrations
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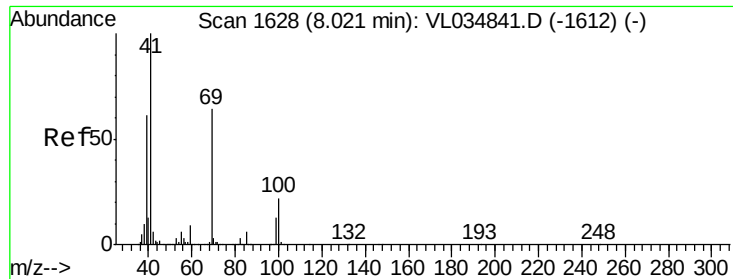
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3/11/2020 3:25:57 PM



#42
Bromodichloromethane
Concen: 2.027 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.4	77.2
127	7.9	6.2	9.4





#43

Methyl Methacrylate

Concen: 2.193 ppbv

RT: 8.02 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VL034842.D

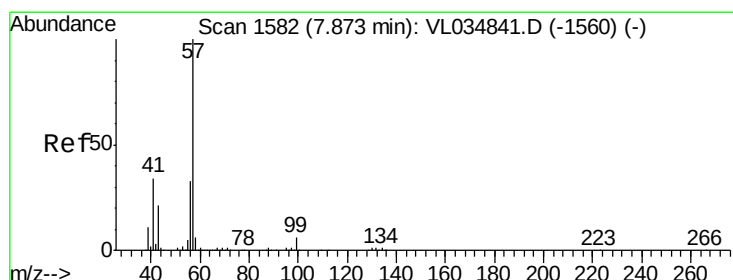
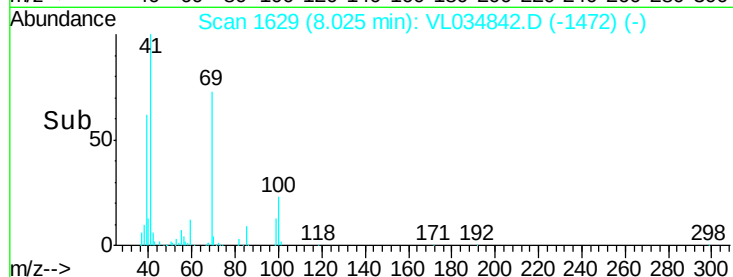
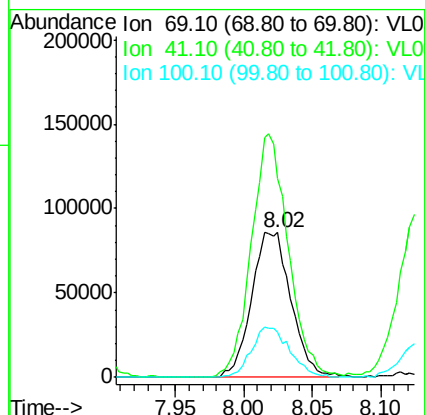
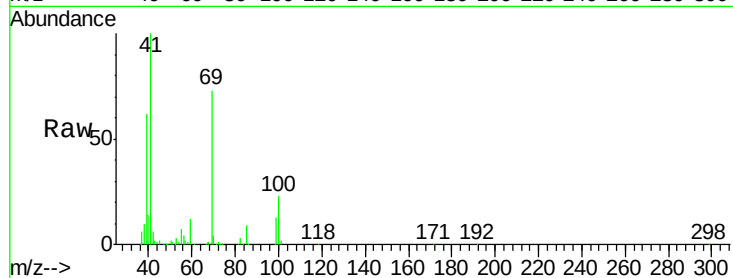
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
69	100		
41	157.8	123.2	184.8
100	34.1	26.9	40.3

Manual Integrations
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#44

2,2,4-Trimethylpentane

Concen: 2.186 ppbv

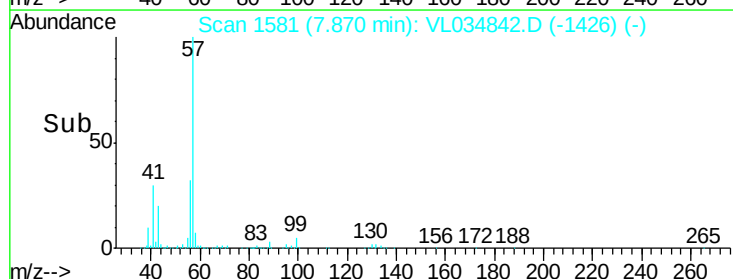
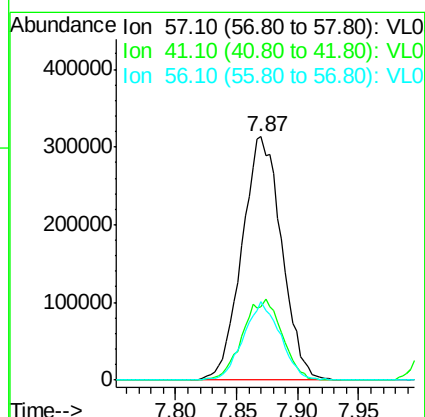
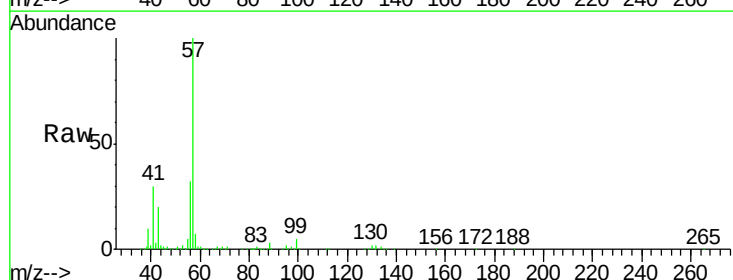
RT: 7.87 min Scan# 1581

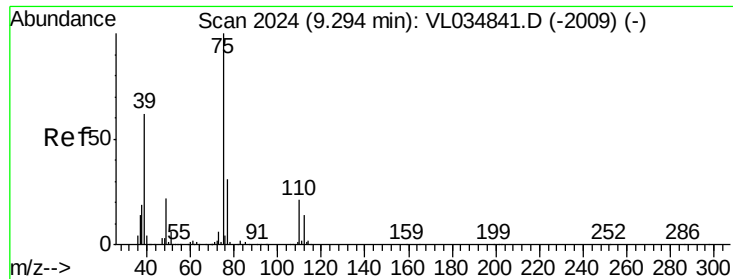
Delta R.T. -0.00 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
57	100		
41	33.6	26.2	39.4
56	30.1	25.0	37.4





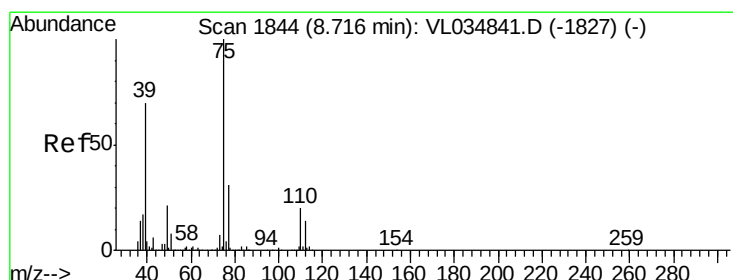
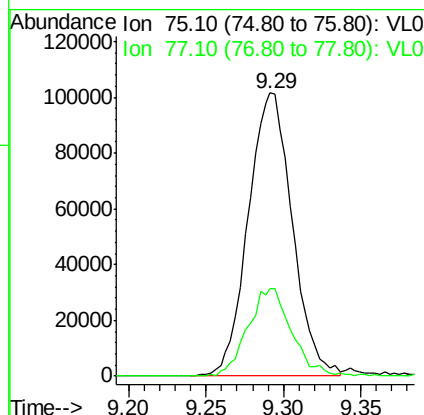
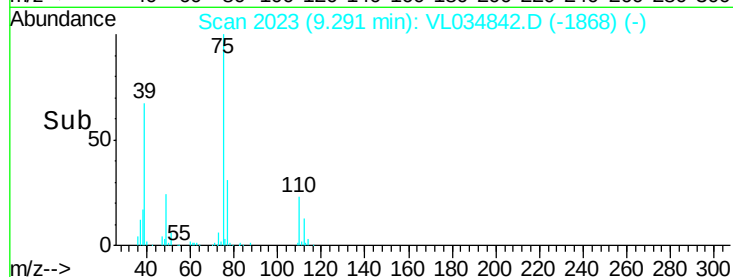
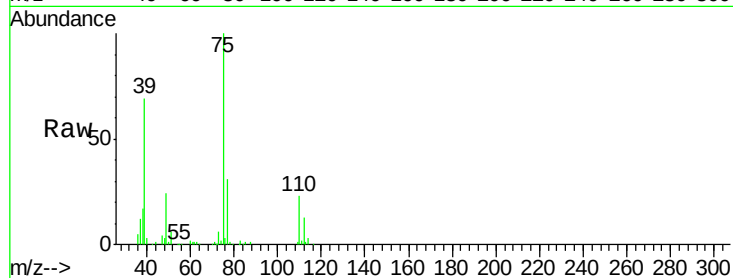
#45
t-1,3-Dichloropropene
Concen: 2.463 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. -0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.6	37.0

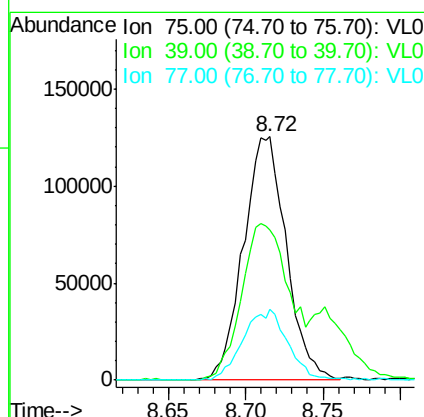
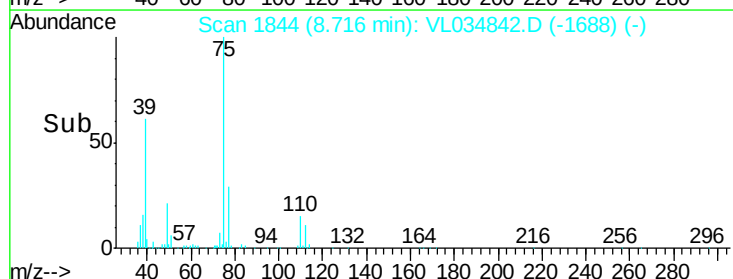
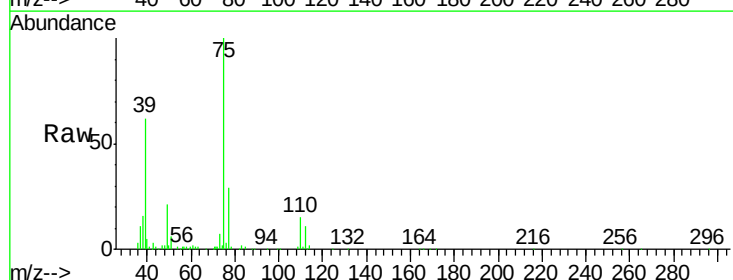
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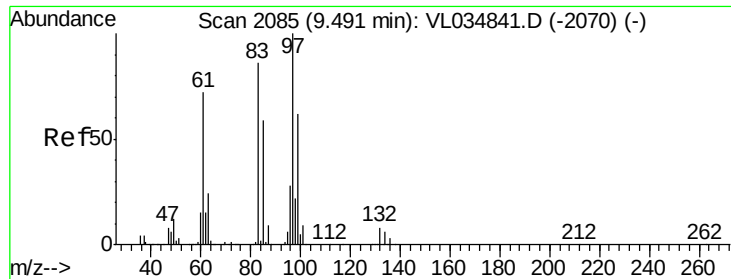
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 2.428 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
39	61.2	55.7	83.5
77	29.1	24.7	37.1





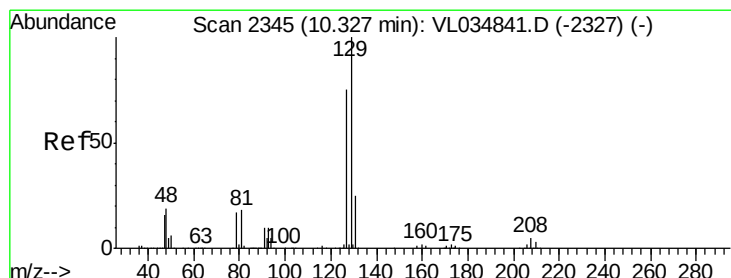
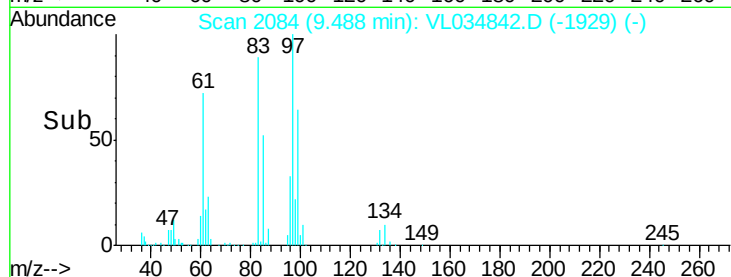
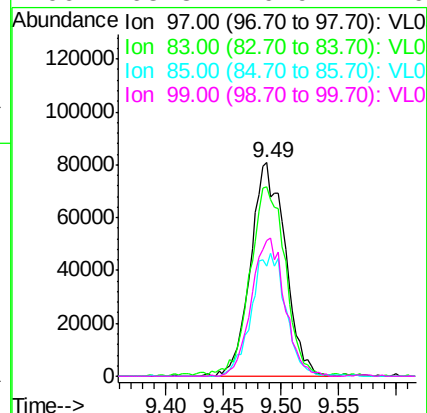
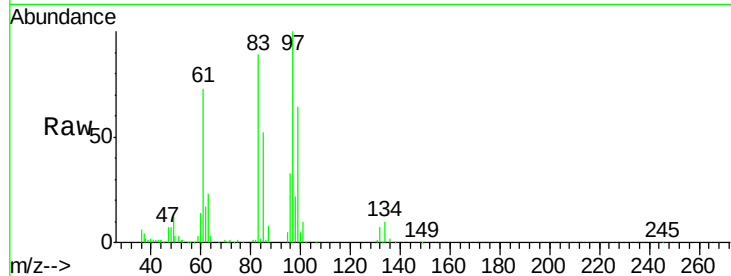
#47
 1,1,2-Trichloroethane
 Concen: 2.140 ppbv m
 RT: 9.49 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		167620		
83	88.5	68.6	102.8		
85	51.7	46.9	70.3		
99	63.8	49.9	74.9		

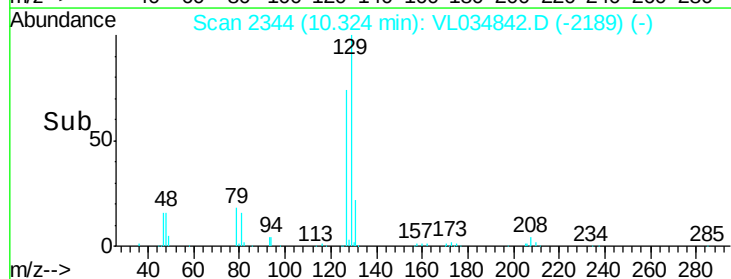
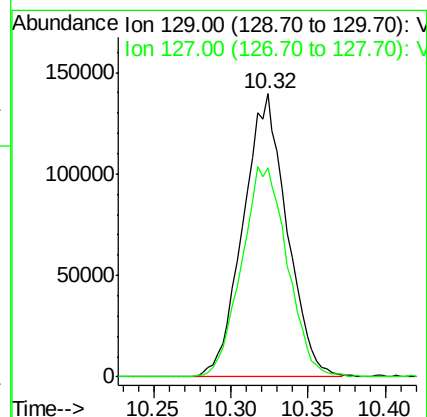
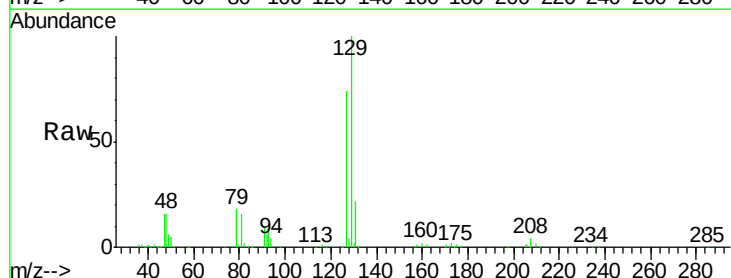
Manual Integrations
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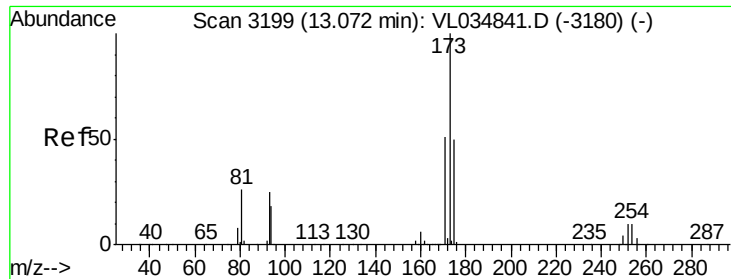
MMDadoda
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#48
 Dibromochloromethane
 Concen: 2.243 ppbv
 RT: 10.32 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
129	100		274680		
127	77.8	39.6	118.7		





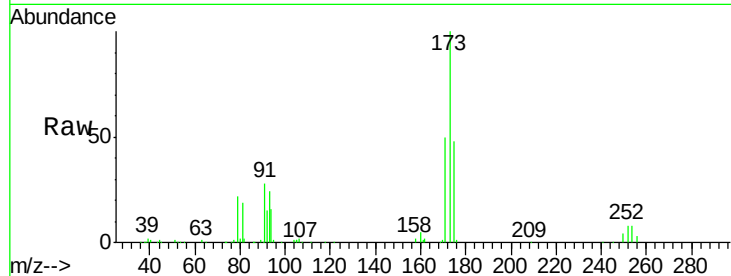
#49
Bromoform
Concen: 2.312 ppbv
RT: 13.07 min Scan# 3197
Delta R.T. -0.01 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

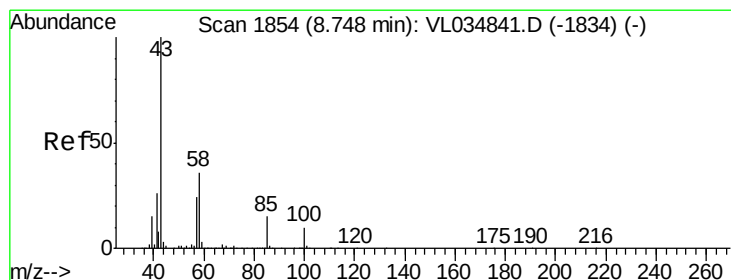
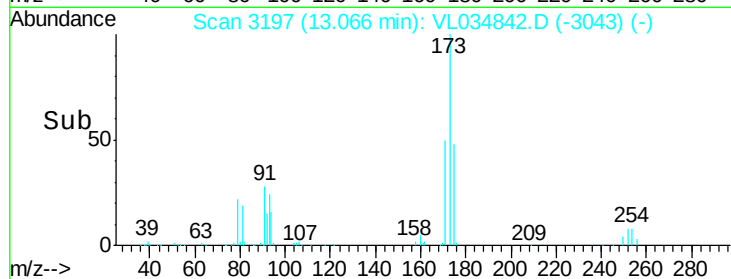
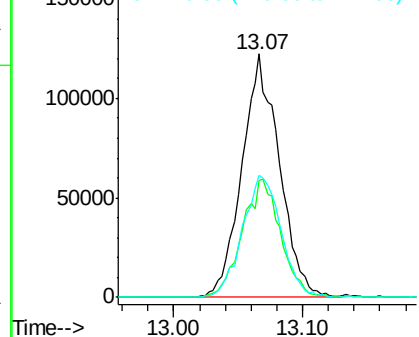
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.6	59.4
171	52.0	41.0	61.6

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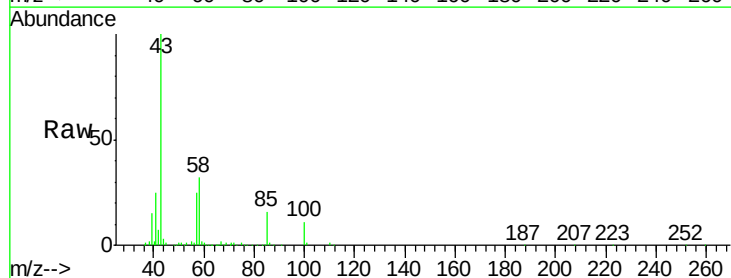


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 170.90 (170.60 to 171.60): V

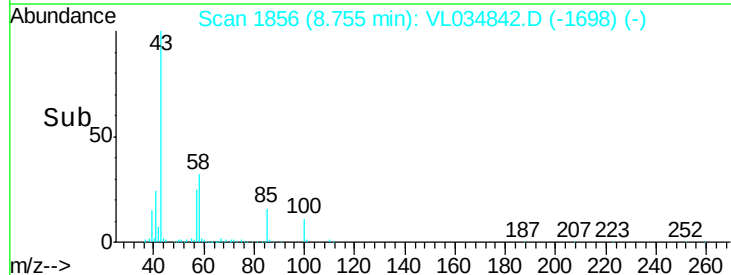
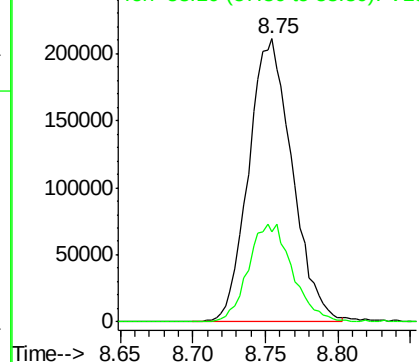


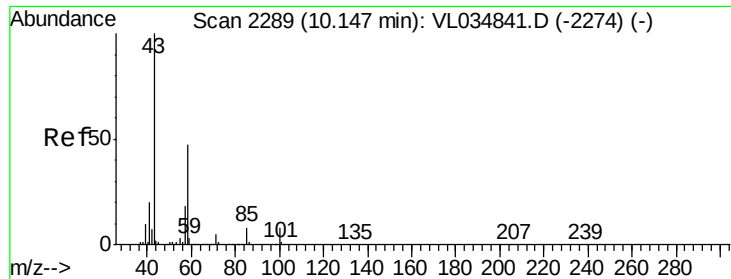
#50
4-Methyl-2-Pentanone
Concen: 2.197 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. 0.01 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.6	42.8



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 2.280 ppbv

RT: 10.15 min Scan# 2291

Delta R.T. 0.01 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

Instrument :

MSVOA_L

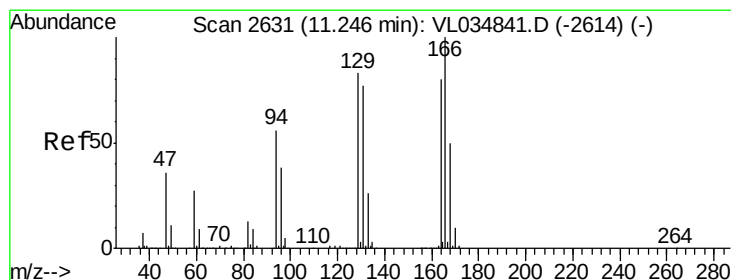
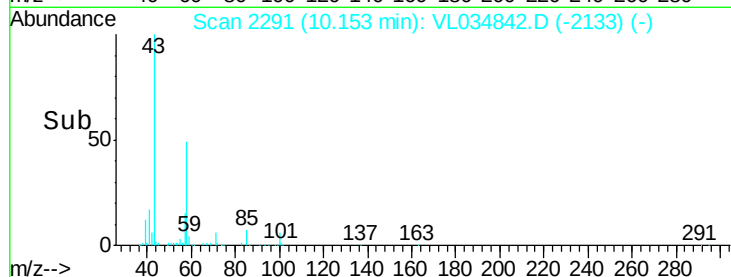
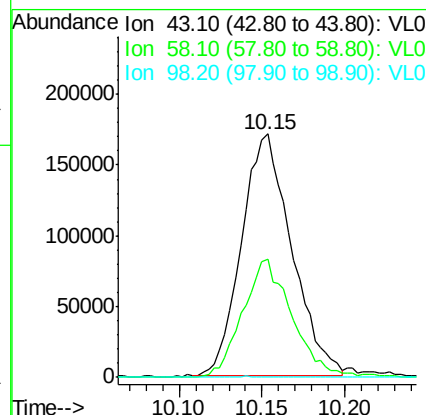
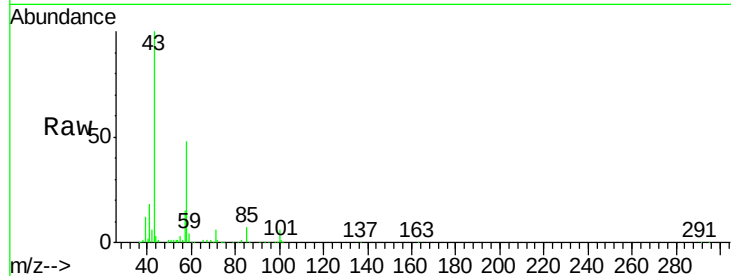
ClientSampleId :

VSTDIC002

Tot Ion:	43	Resp:	358666
Ion Ratio	Lower	Upper	
43	100		
58	48.8	38.6	58.0
98	0.1	0.1	0.1#

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#52

Tetrachloroethene

Concen: 2.277 ppbv m

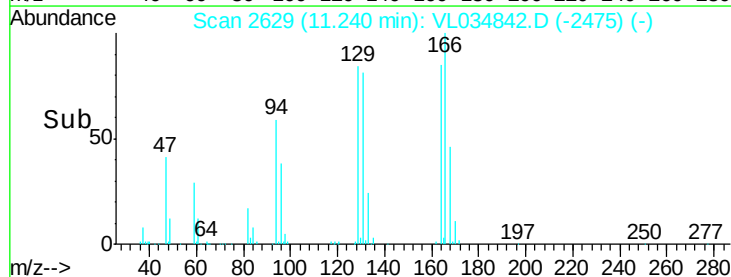
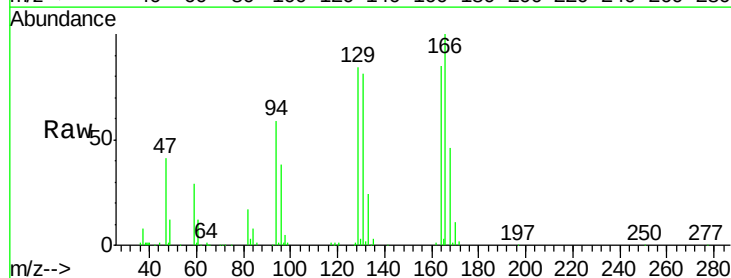
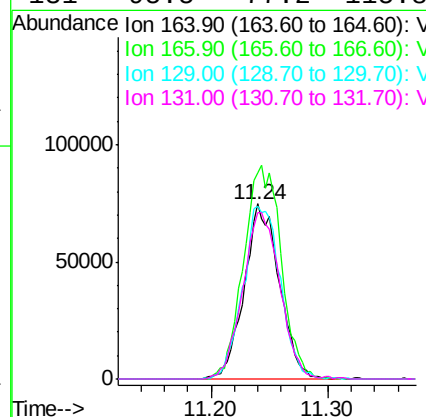
RT: 11.24 min Scan# 2629

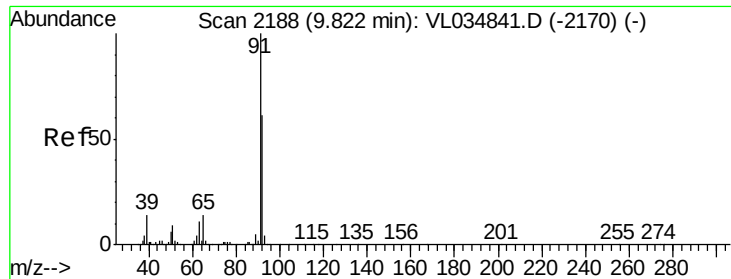
Delta R.T. -0.01 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

Tgt Ion:	164	Resp:	154596
Ion Ratio	Lower	Upper	
164	100		
166	118.1	100.0	150.0
129	98.7	83.1	124.7
131	95.5	77.2	115.8





#53

Toluene

Concen: 2.457 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. -0.00 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 91 Resp: 477915

Ion Ratio Lower Upper

91 100

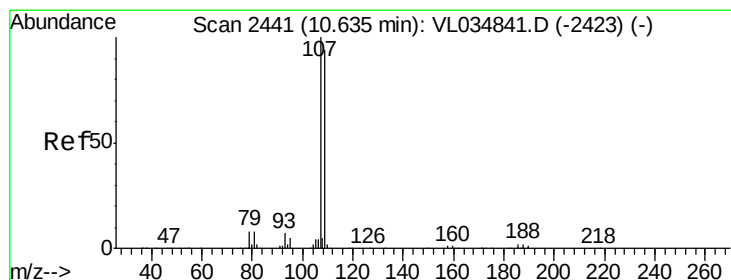
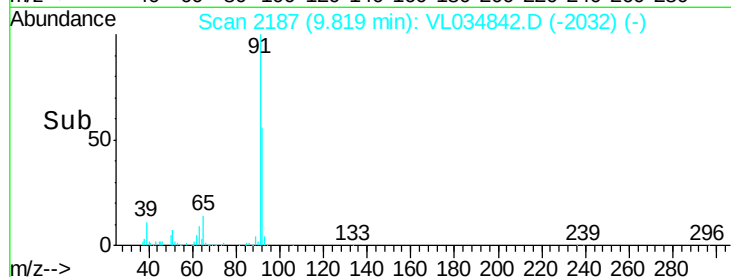
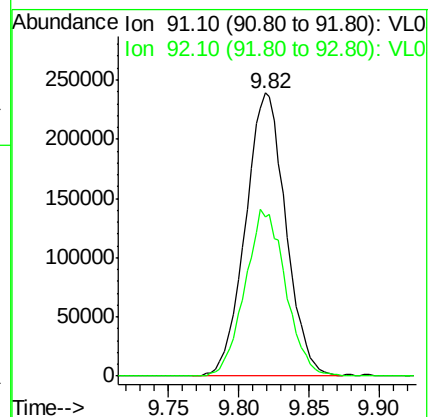
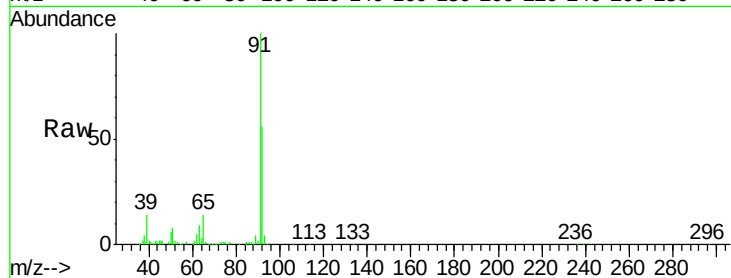
92 59.4 48.6 72.8

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#54

1,2-Dibromoethane

Concen: 2.183 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. -0.01 min

Lab File: VL034842.D

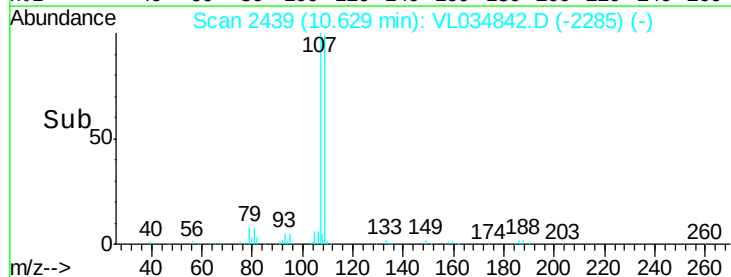
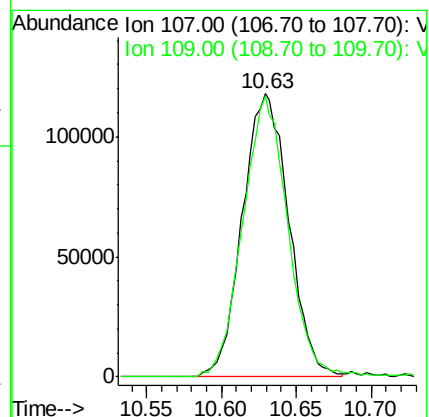
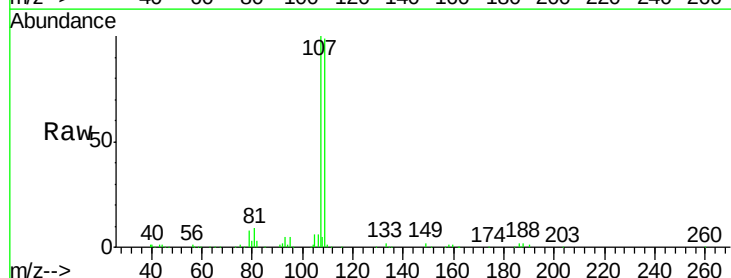
Acq: 9 Mar 2020 12:59

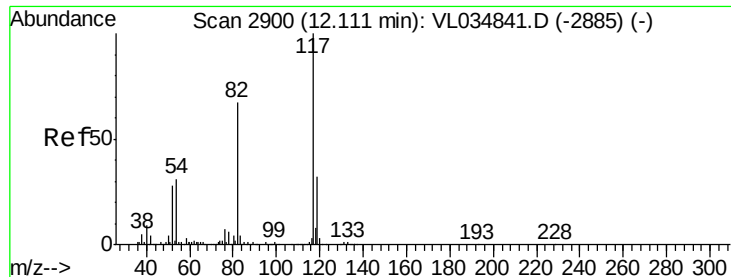
Tgt Ion: 107 Resp: 252825

Ion Ratio Lower Upper

107 100

109 99.4 74.9 112.3





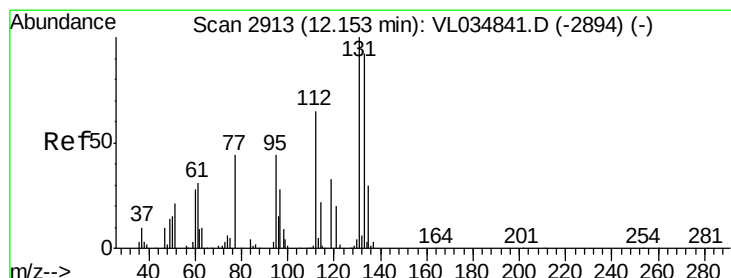
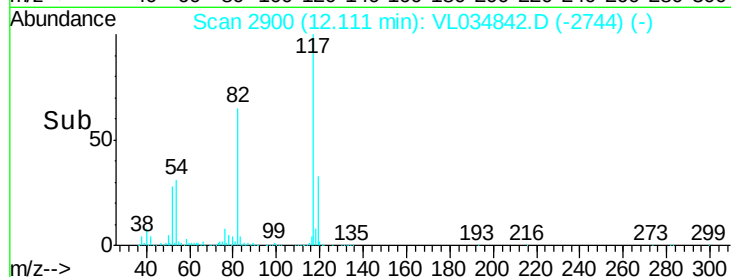
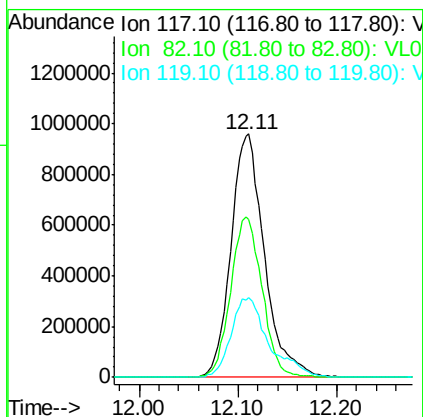
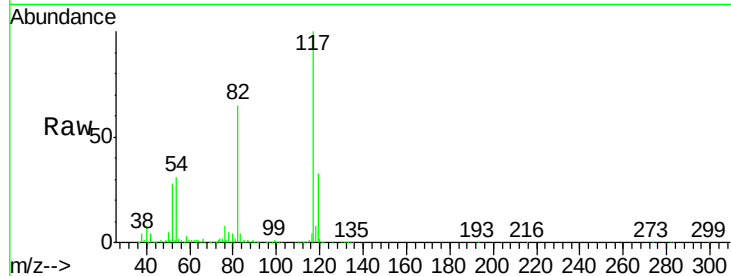
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.1	51.1	76.7
119	37.0	27.3	40.9

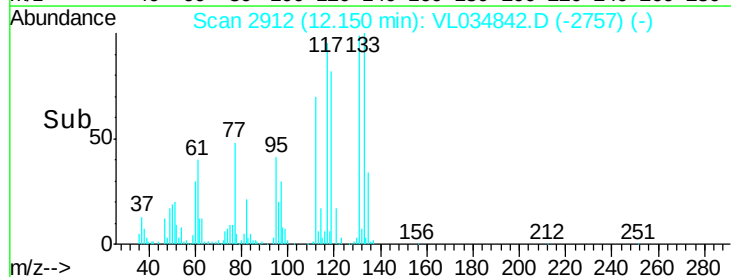
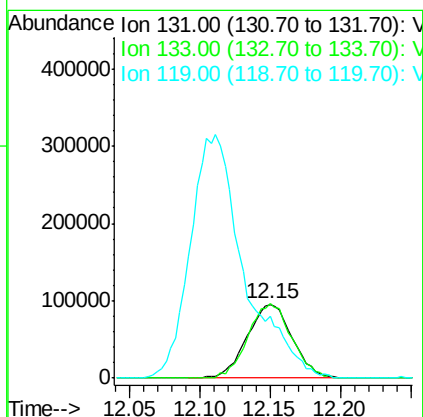
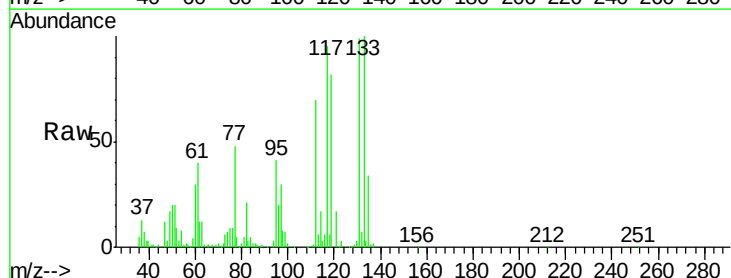
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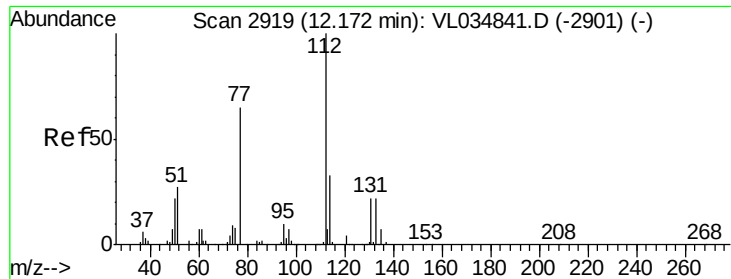
MMDadoda
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#56
1,1,1,2-Tetrachloroethane
Concen: 2.120 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.3	76.0	114.0
119	394.4	47.8	71.8#





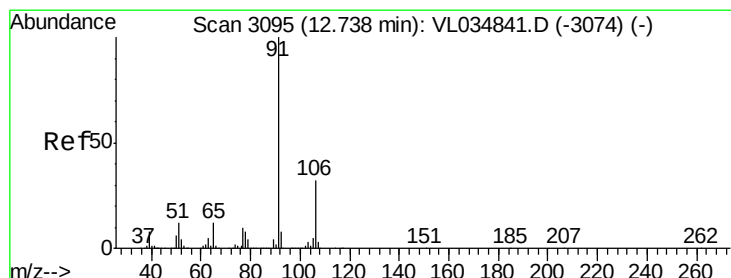
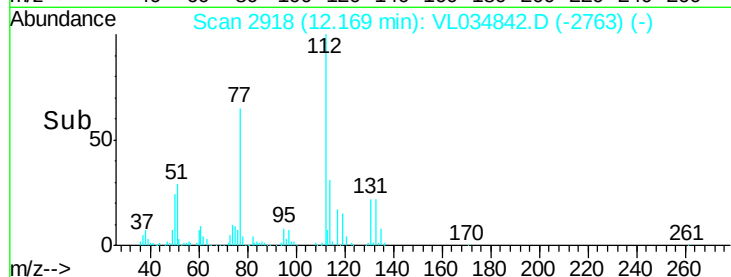
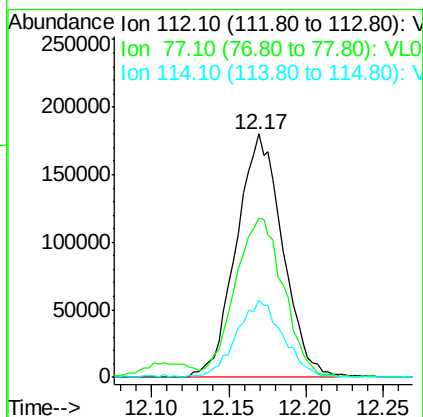
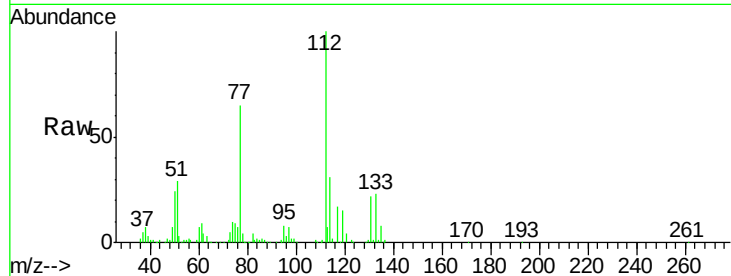
#57
Chlorobenzene
Concen: 2.165 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
112	100		
77	64.7	53.0	79.6
114	31.5	29.5	36.1

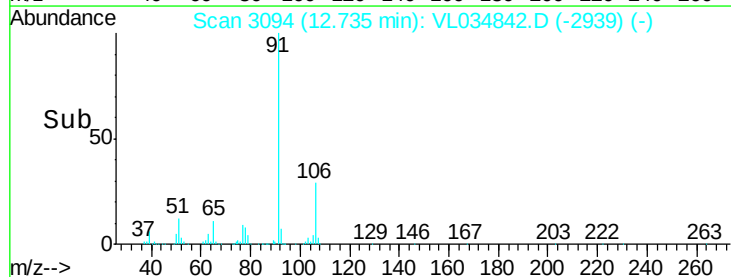
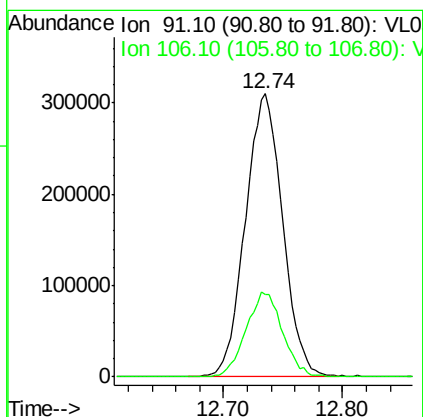
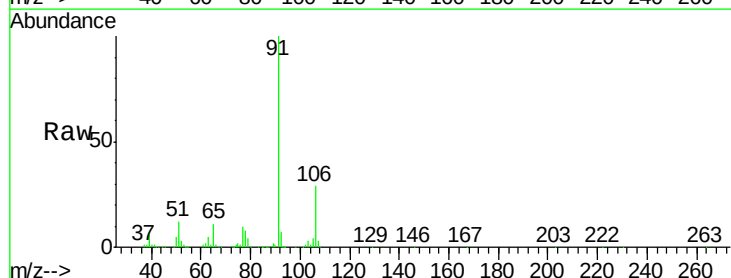
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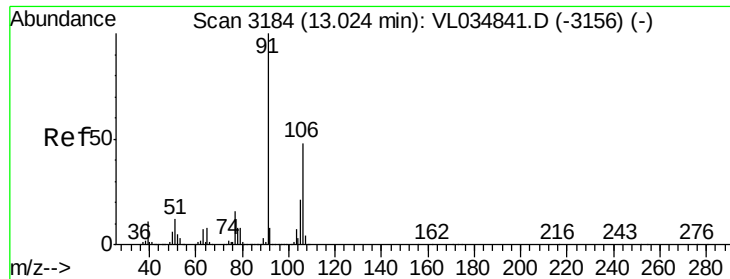
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#58
Ethyl Benzene
Concen: 2.403 ppbv
RT: 12.74 min Scan# 3094
Delta R.T. -0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.1	25.8	38.6





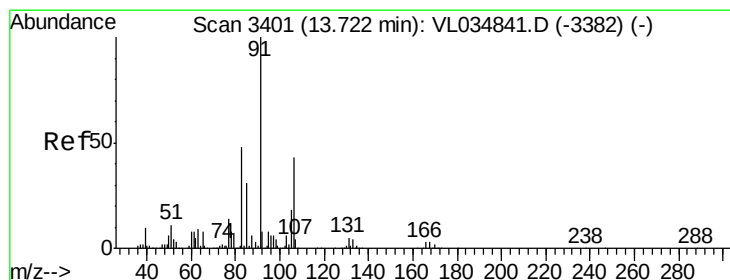
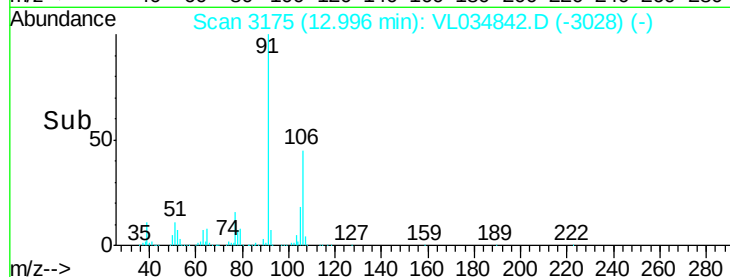
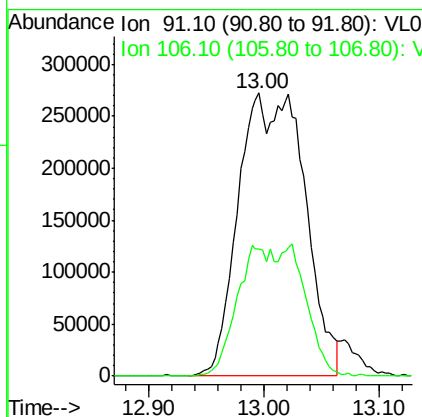
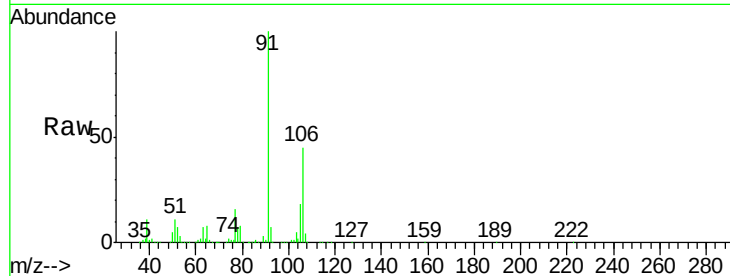
#59
m/p-Xylene
Concen: 4.480 ppbv m
RT: 13.00 min Scan# 3175
Delta R.T. -0.03 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion: 91 Resp: 1083371
Ion Ratio Lower Upper
91 100
106 45.6 37.1 55.7

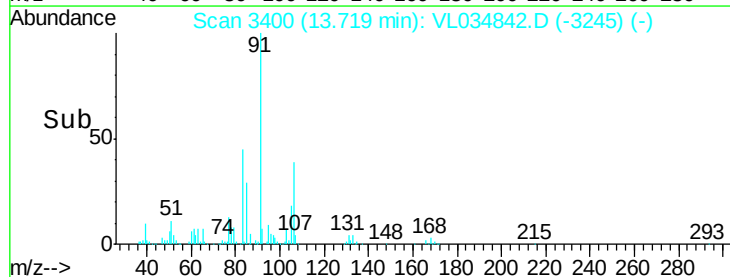
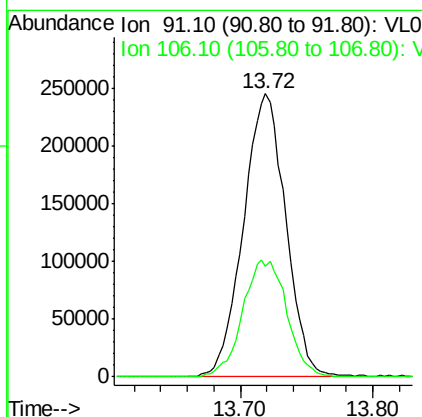
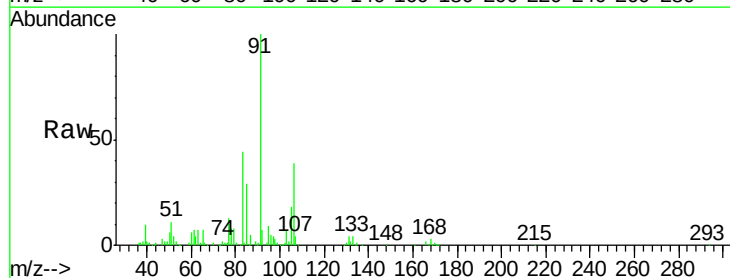
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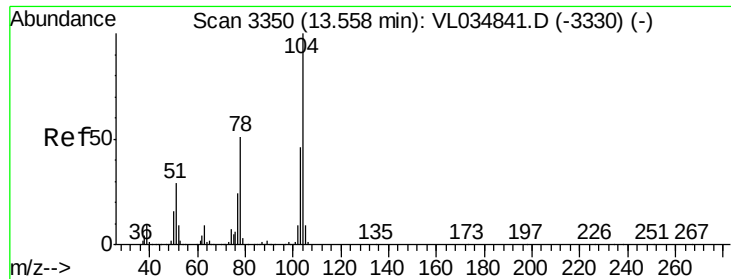
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#60
o-Xylene
Concen: 2.225 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. -0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion: 91 Resp: 544465
Ion Ratio Lower Upper
91 100
106 43.1 22.5 67.5





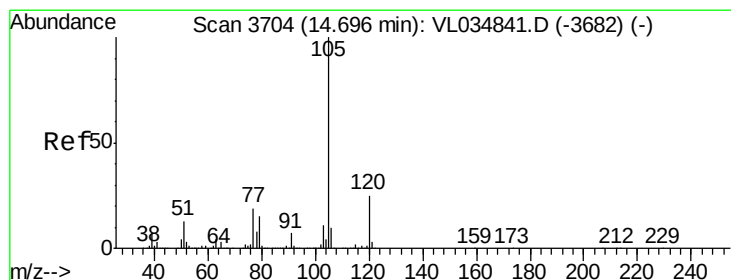
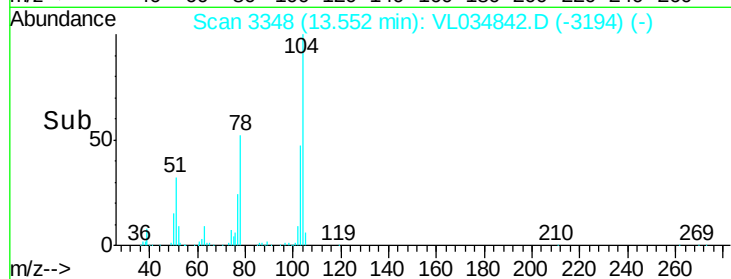
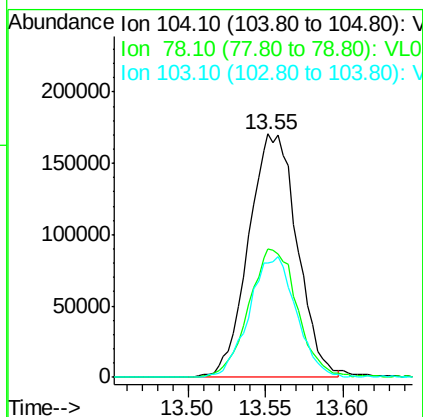
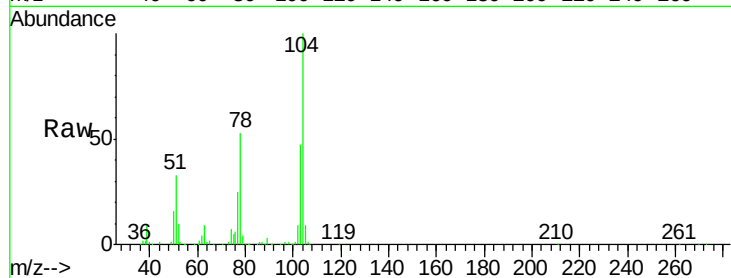
#61
Stvrene
Concen: 2.459 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. -0.01 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.1	41.8	62.6
103	48.0	37.8	56.6

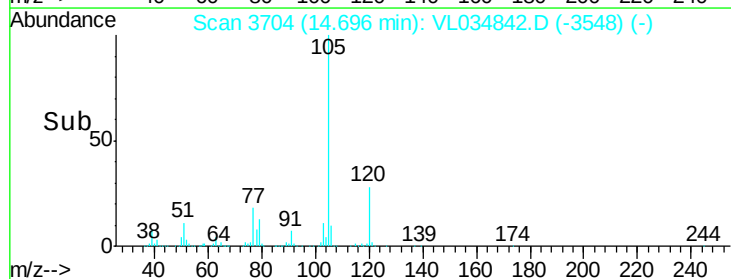
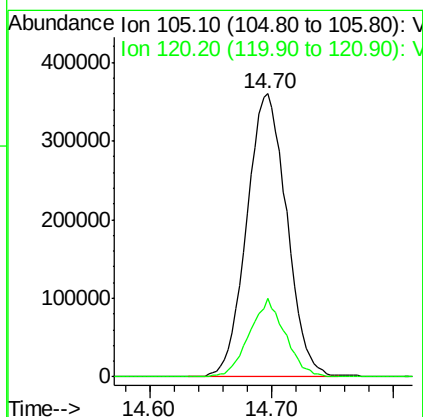
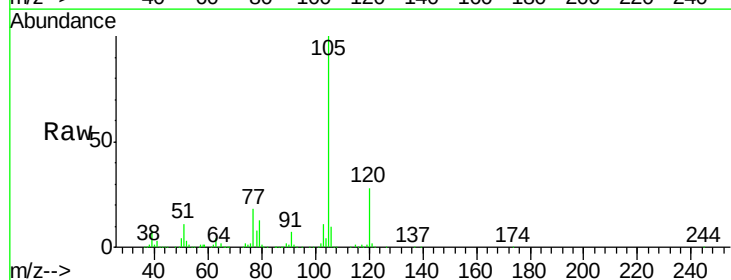
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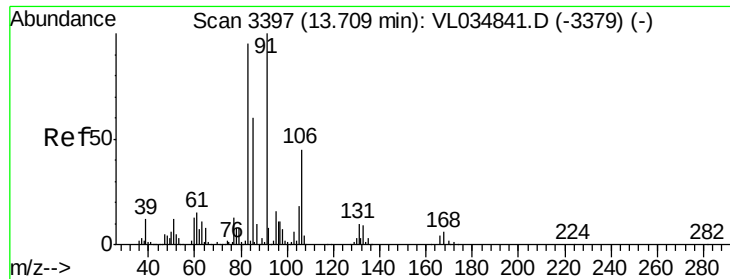
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#62
Isopropylbenzene
Concen: 2.261 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. 0.00 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.0	21.0	31.4





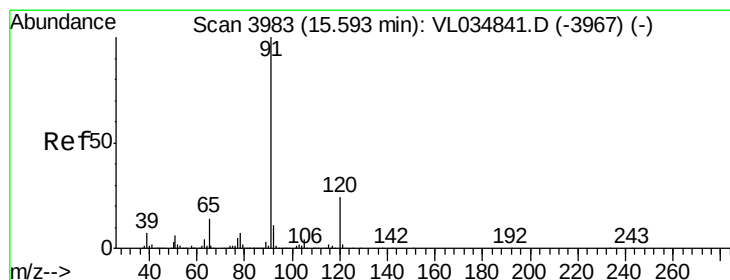
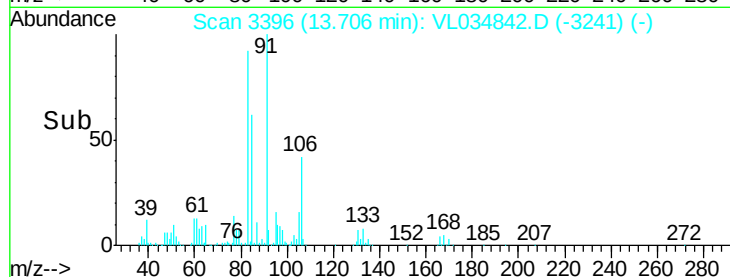
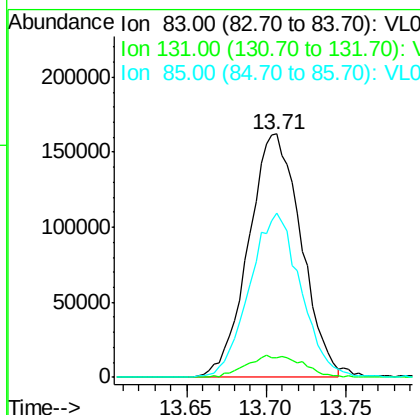
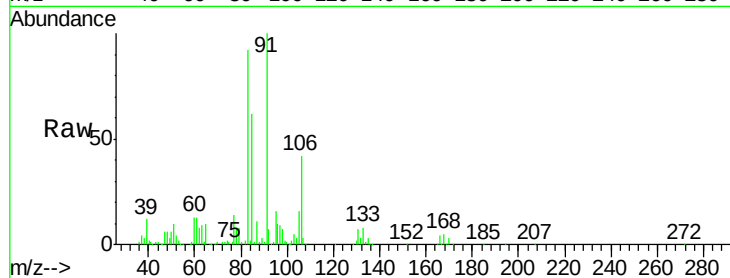
#63
 1,1,2,2-Tetrachloroethane
 Concen: 1.892 ppbv
 RT: 13.71 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	66.6	32.4	97.2

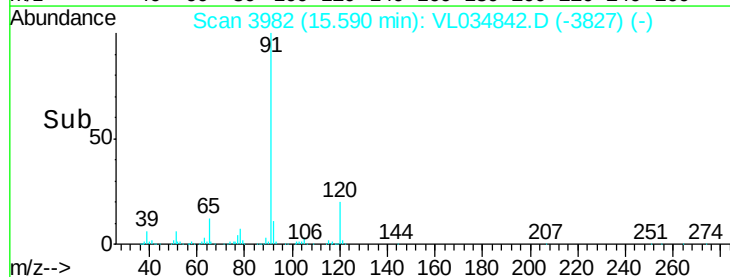
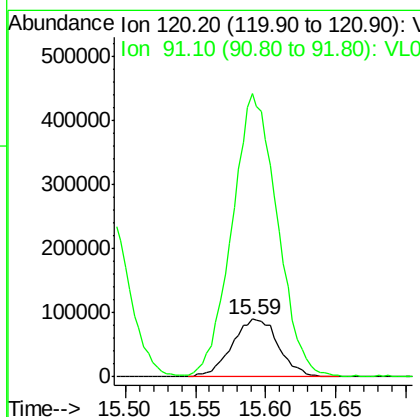
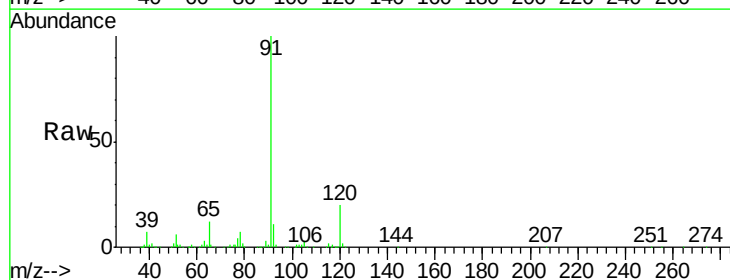
Manual Integrations
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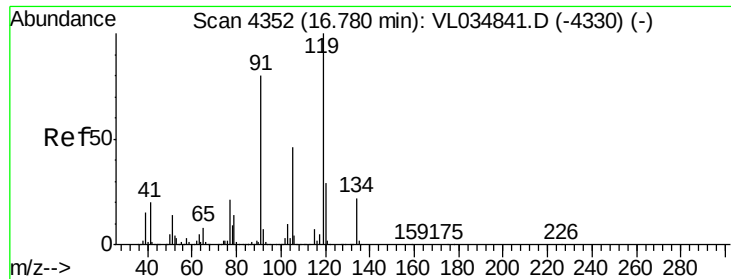
MMDadoda
 3/11/2020 3:25:57 PM



#64
 n-propylbenzene
 Concen: 2.298 ppbv
 RT: 15.59 min Scan# 3982
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
120	100		
91	481.6	360.9	541.3





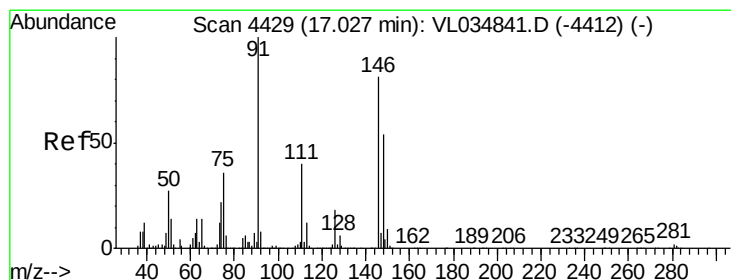
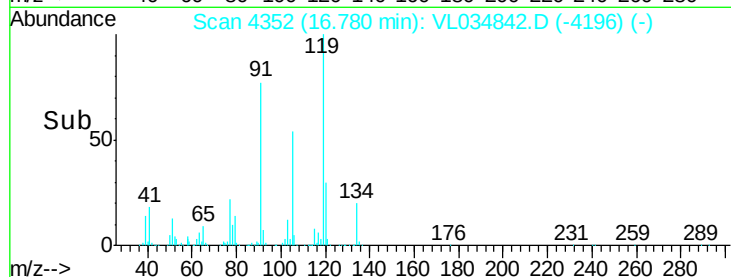
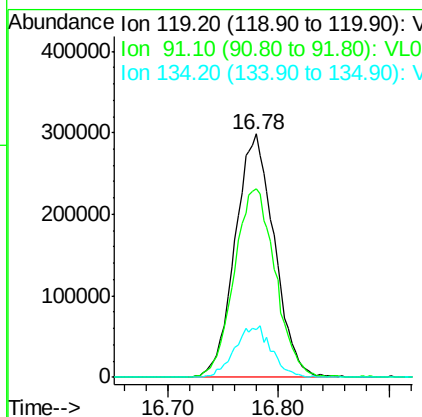
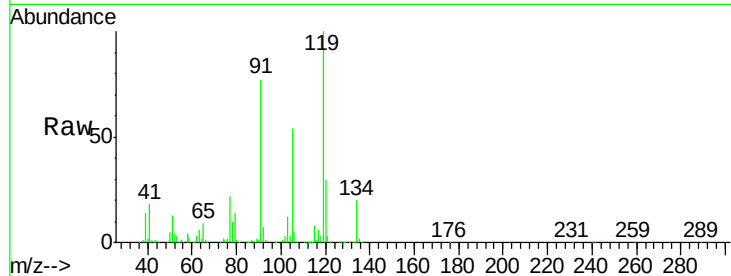
#65
 tert-Butylbenzene
 Concen: 2.407 ppbv
 RT: 16.78 min Scan# 4352
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
119	100		
91	81.6	64.9	97.3
134	19.9	15.9	23.9

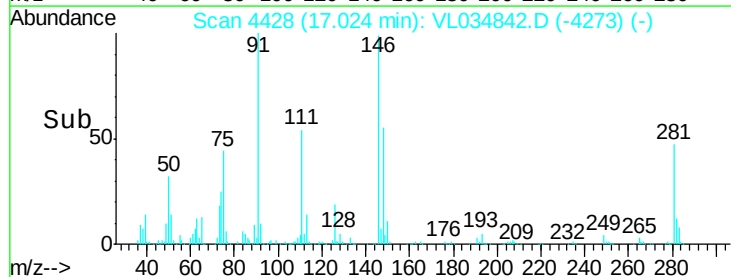
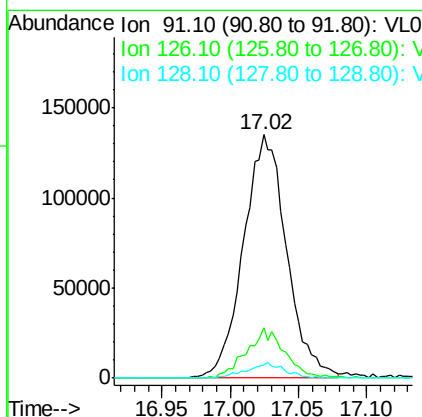
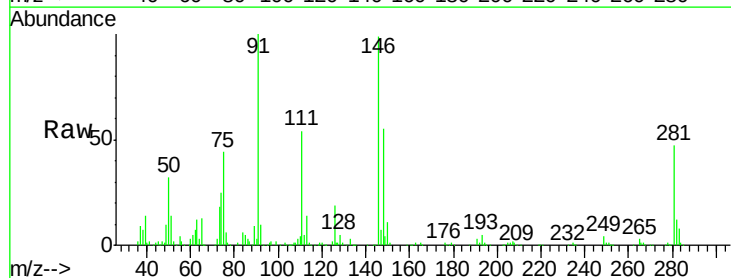
Manual Integrations
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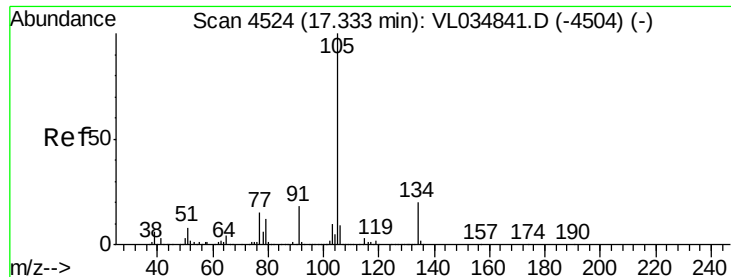
MMDadoda
 3/11/2020 3:25:57 PM



#66
 Benzyl Chloride
 Concen: 3.011 ppbv
 RT: 17.02 min Scan# 4428
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	18.4	14.7	22.1
128	5.5	4.7	7.1





#67

sec-Butylbenzene

Concen: 2.340 ppbv

RT: 17.33 min Scan# 4522

Delta R.T. -0.01 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion:105 Resp: 1037940

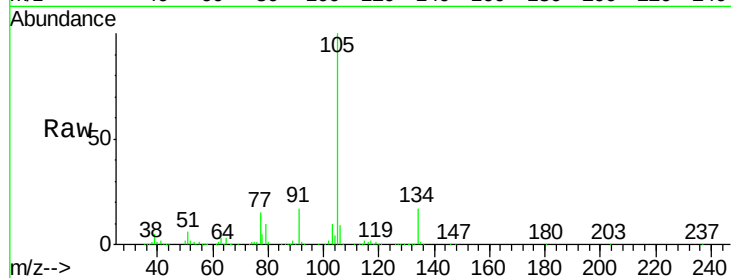
Ion Ratio Lower Upper

105 100

134 17.4 15.0 22.6

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.33

400000

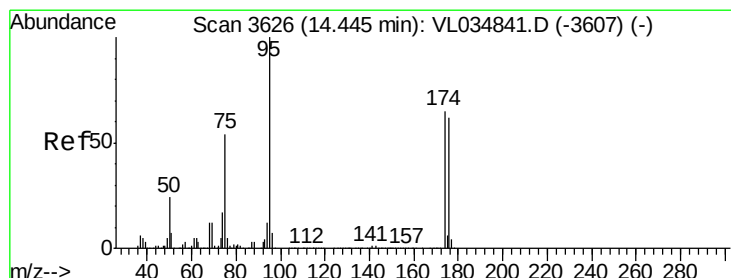
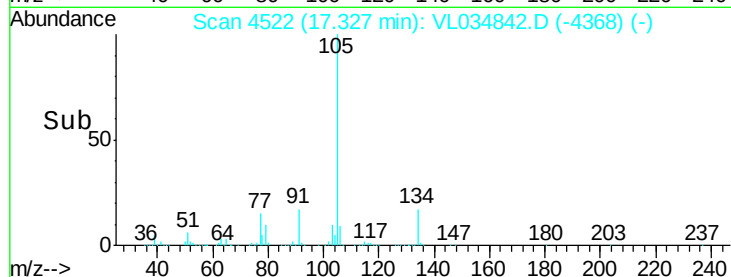
300000

200000

100000

0

Time--> 17.20 17.30 17.40



#68

1-Bromo-4-Fluorobenzene

Concen: 9.080 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. 0.00 min

Lab File: VL034842.D

Acq: 9 Mar 2020 12:59

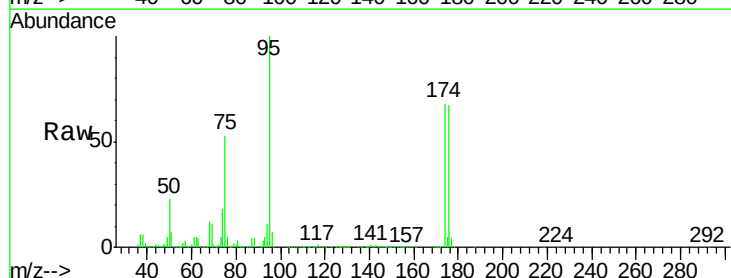
Tgt Ion: 95 Resp: 1716519

Ion Ratio Lower Upper

95 100

174 68.8 55.2 82.8

175 5.2 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

1000000

800000

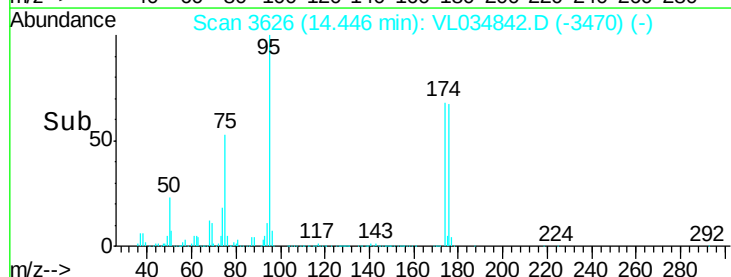
600000

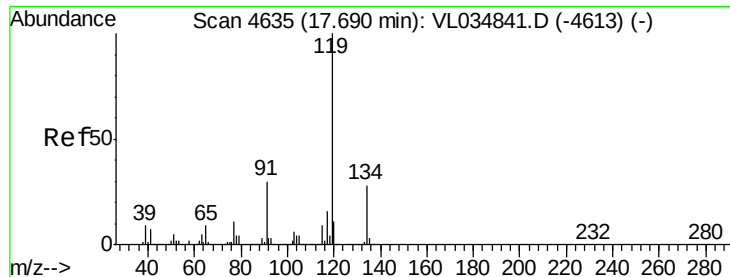
400000

200000

0

Time--> 14.40 14.45





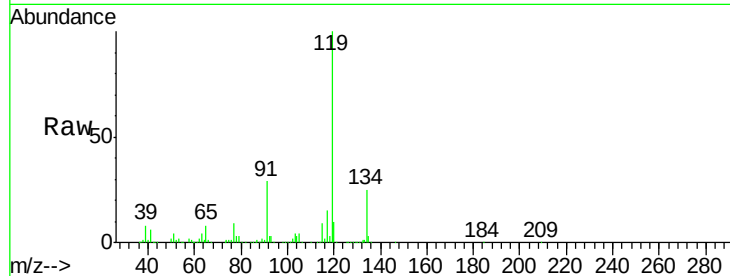
#69
 p-Isopropyltoluene
 Concen: 2.397 ppbv m
 RT: 17.69 min Scan# 4635
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

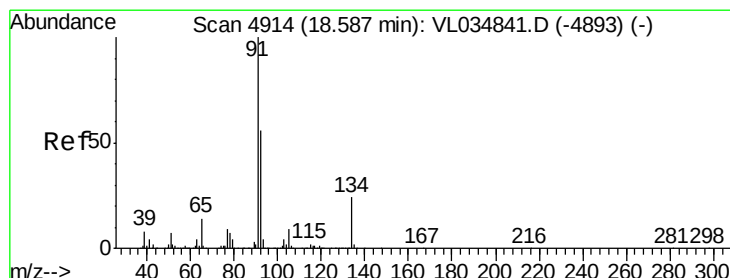
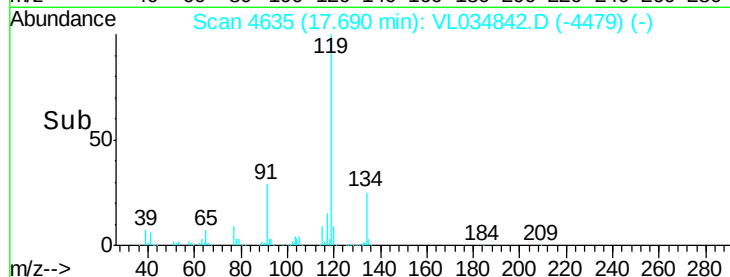
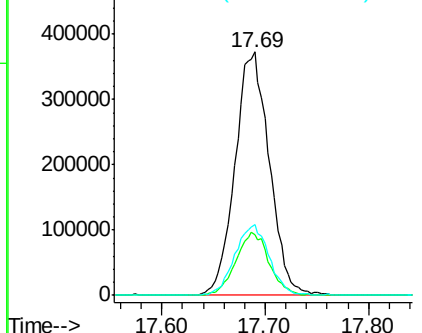
Tot Ion:	119	Resp:	860347
Ion Ratio		Lower	Upper
119	100		
134	25.1	20.6	30.8
91	29.2	23.4	35.2

Manual Integrations
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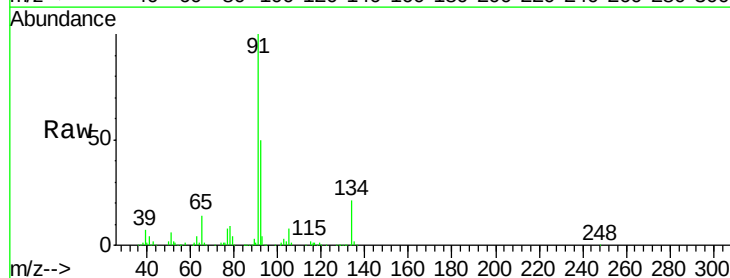


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

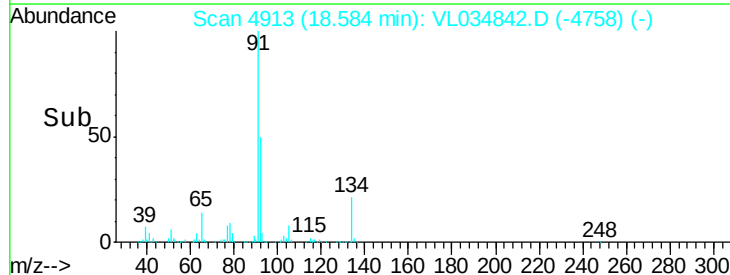
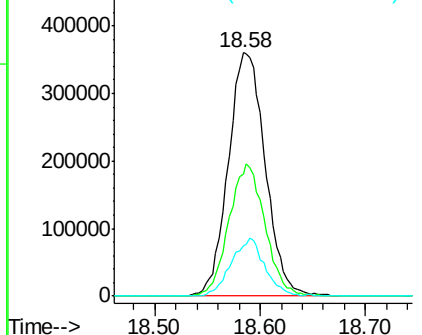


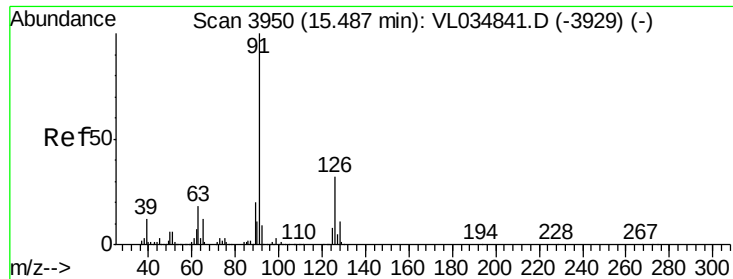
#70
 n-Butylbenzene
 Concen: 2.231 ppbv
 RT: 18.58 min Scan# 4913
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion:	91	Resp:	875593
Ion Ratio		Lower	Upper
91	100		
92	53.0	43.8	65.6
134	21.9	19.0	28.4



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





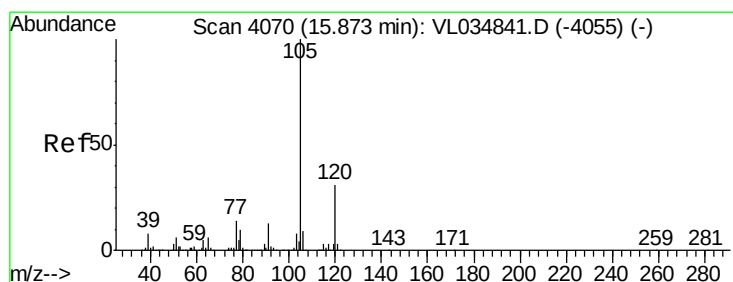
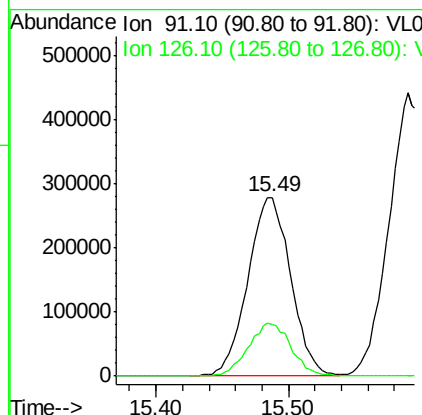
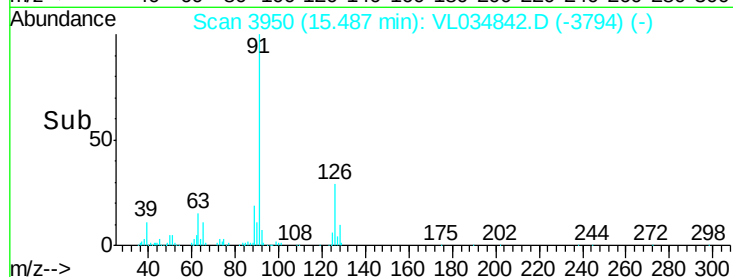
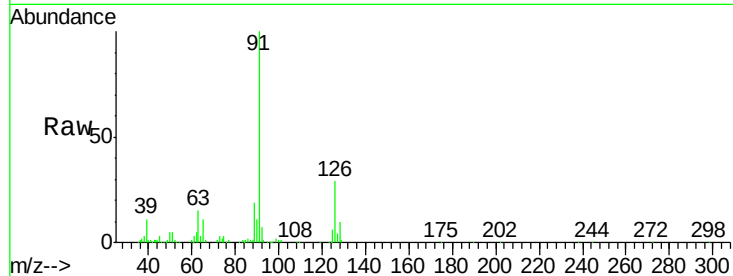
#71
 2-Chlorotoluene
 Concen: 2.305 ppbv
 RT: 15.49 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
91	100		
126	29.5	12.3	49.1

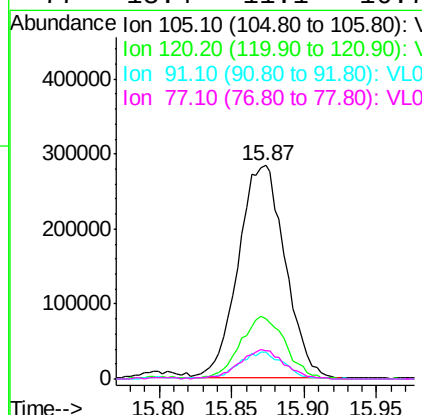
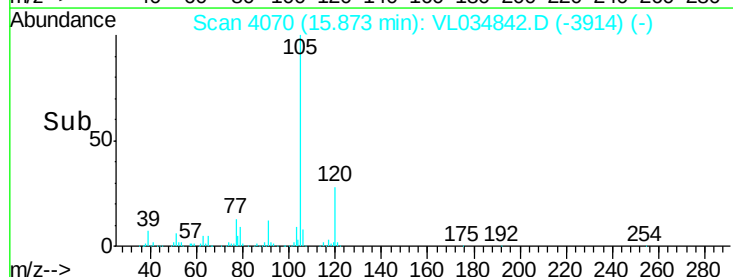
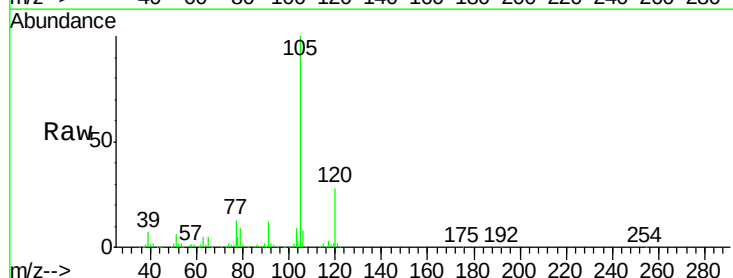
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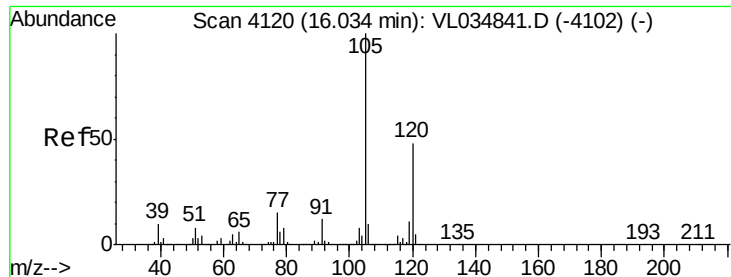
MMDadoda
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#72
 4-Ethyltoluene
 Concen: 2.343 ppbv
 RT: 15.87 min Scan# 4070
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.7	35.5
91	12.5	10.5	15.7
77	13.4	11.1	16.7





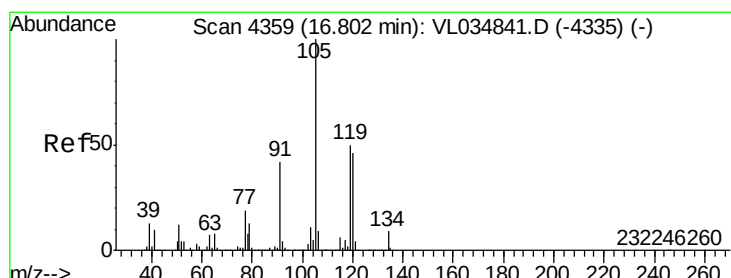
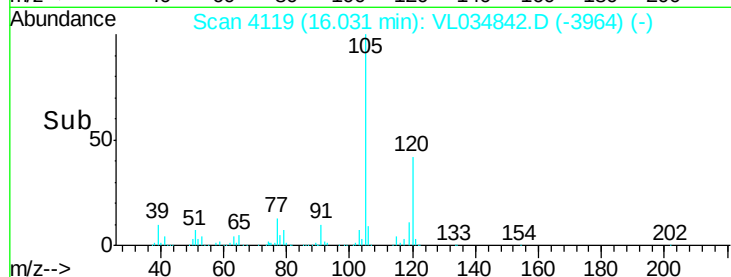
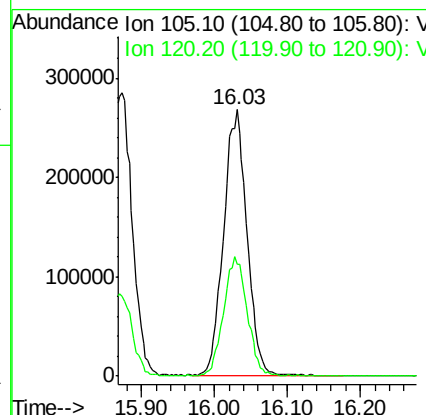
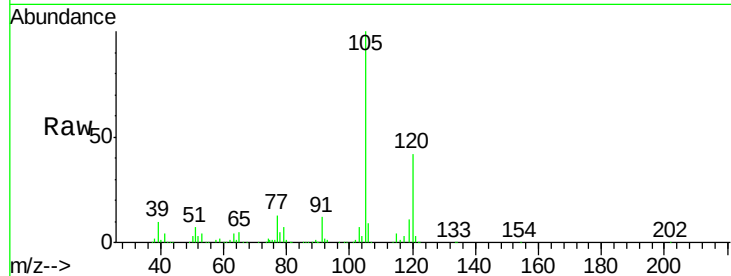
#73
 1,3,5-Trimethylbenzene
 Concen: 2.293 ppbv m
 RT: 16.03 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Resp	Lower	Upper
105	100	599166		
120	42.1	38.6	58.0	

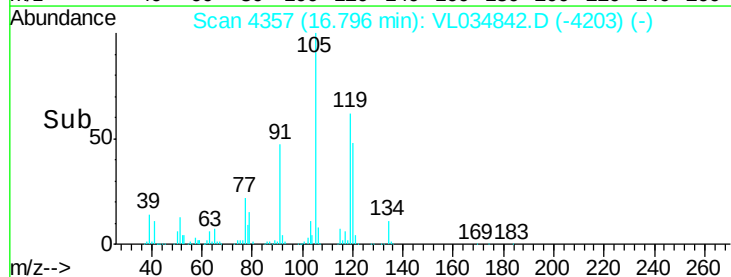
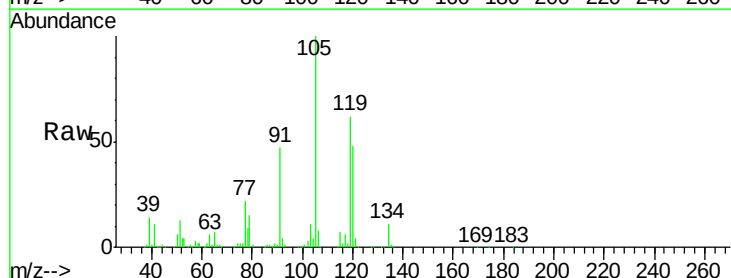
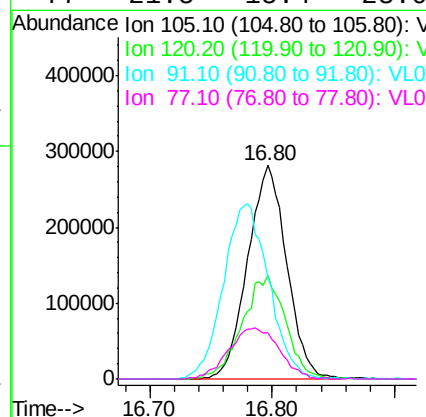
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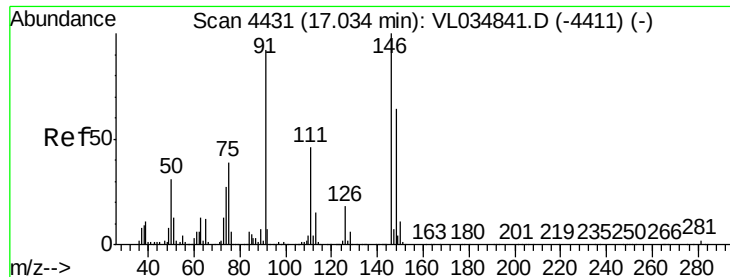
MMDadoda
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#74
 1,2,4-Trimethylbenzene
 Concen: 2.187 ppbv
 RT: 16.80 min Scan# 4357
 Delta R.T. -0.01 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	621233		
120	47.8	37.0	55.4	
91	46.9	33.8	50.6	
77	21.5	15.4	23.0	





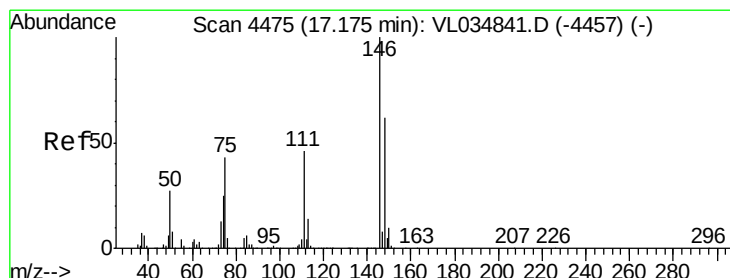
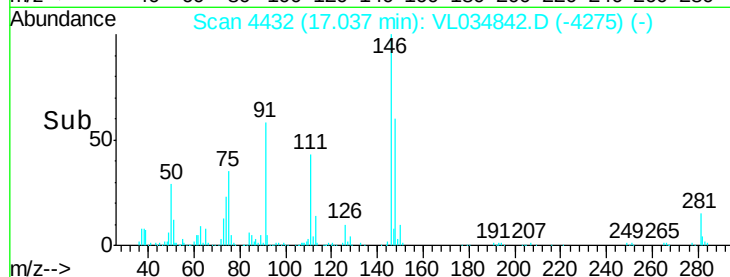
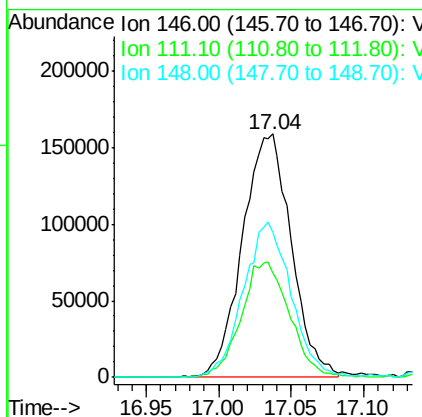
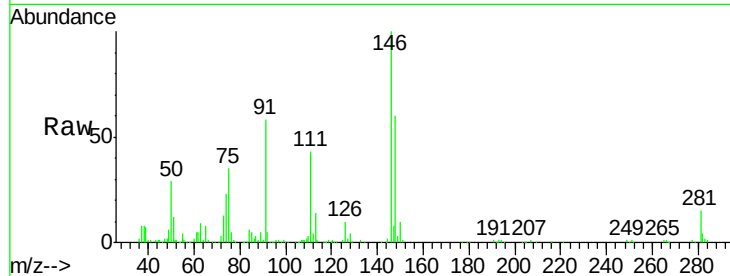
#75
 1,3-Dichlorobenzene
 Concen: 2.191 ppbv
 RT: 17.04 min Scan# 4432
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.5	23.9	71.7
148	63.2	32.5	97.5

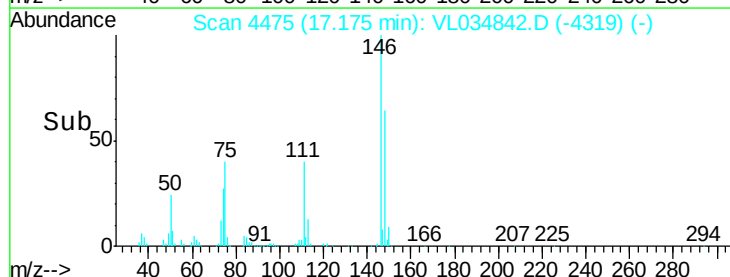
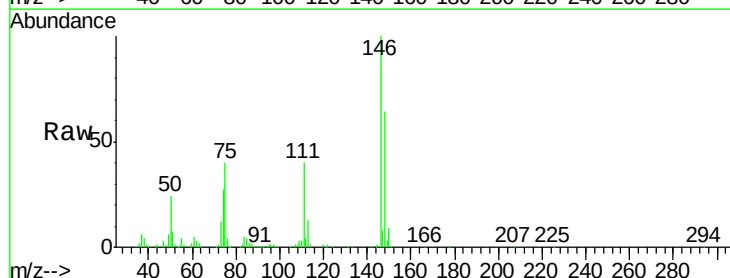
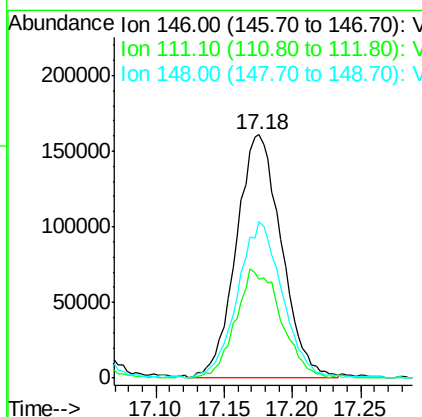
Manual Integrations
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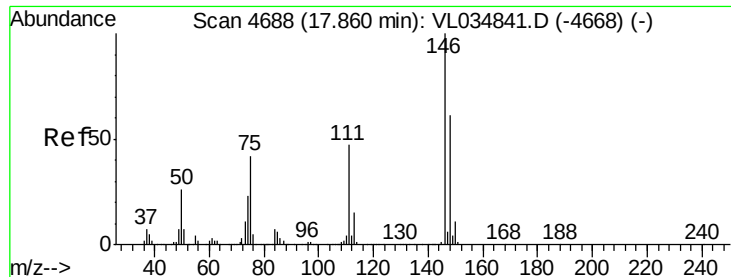
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#76
 1,4-Dichlorobenzene
 Concen: 2.282 ppbv
 RT: 17.18 min Scan# 4475
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.7	23.4	70.2
148	64.5	32.3	96.9





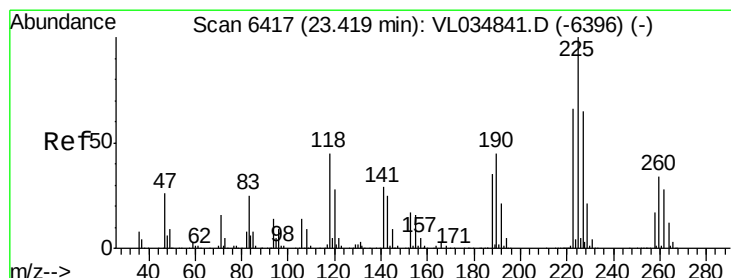
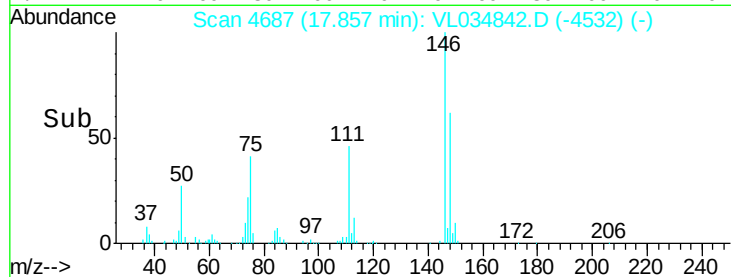
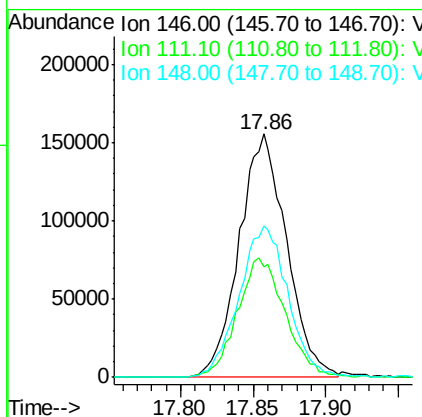
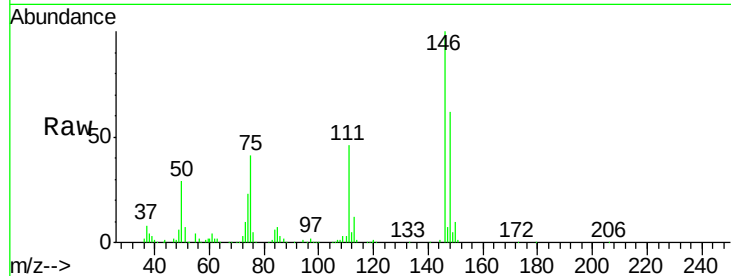
#77
 1,2-Dichlorobenzene
 Concen: 2.181 ppbv
 RT: 17.86 min Scan# 4687
 Delta R.T. -0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.0	23.8	71.4
148	64.9	31.6	94.8

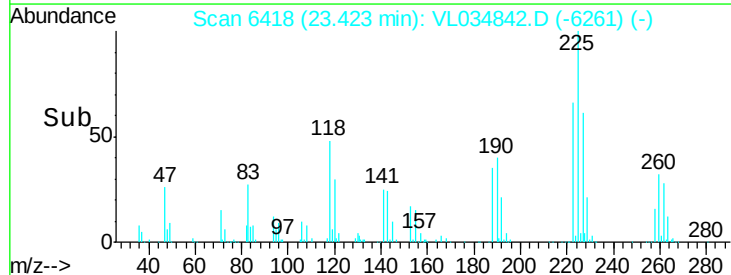
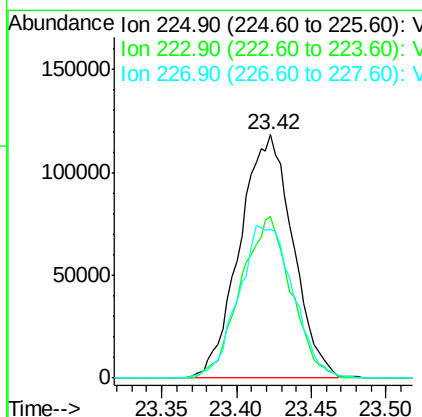
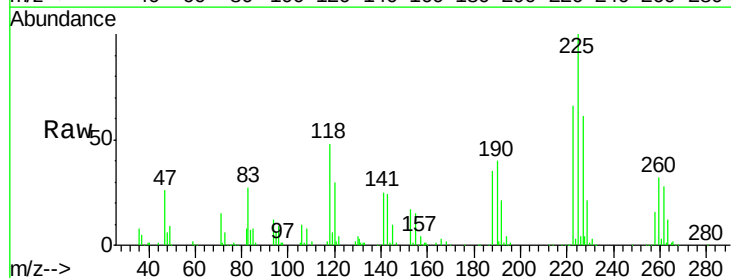
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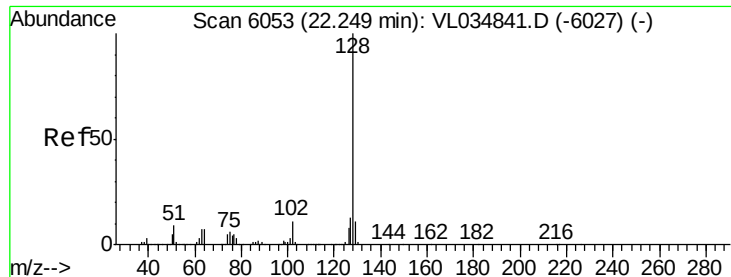
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#78
 Hexachloro-1,3-Butadiene
 Concen: 2.166 ppbv
 RT: 23.42 min Scan# 6418
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.1	76.7
227	64.7	51.8	77.6





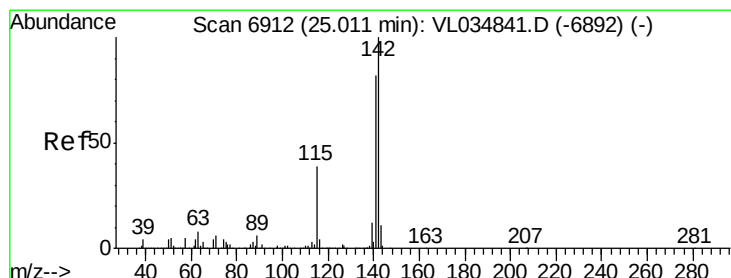
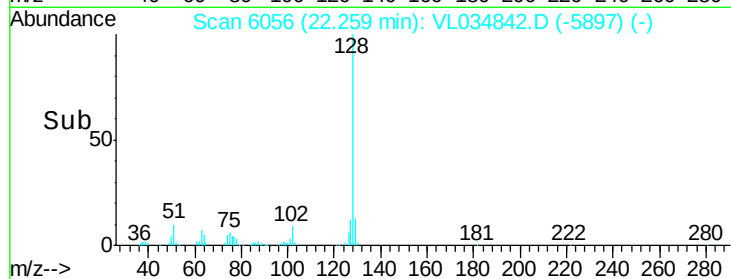
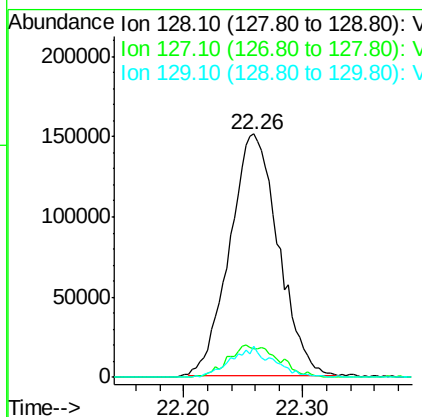
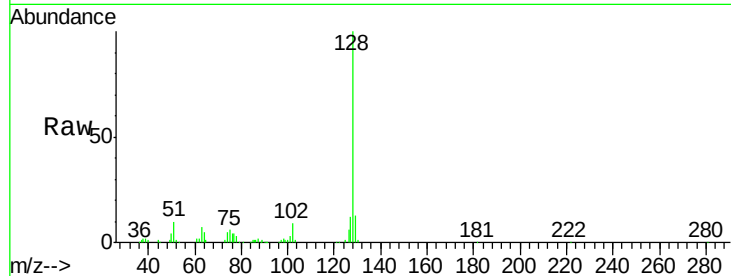
#79
Naphthalene
Concen: 1.988 ppbv
RT: 22.26 min Scan# 6056
Delta R.T. 0.01 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.2	15.2
129	12.8	8.6	13.0

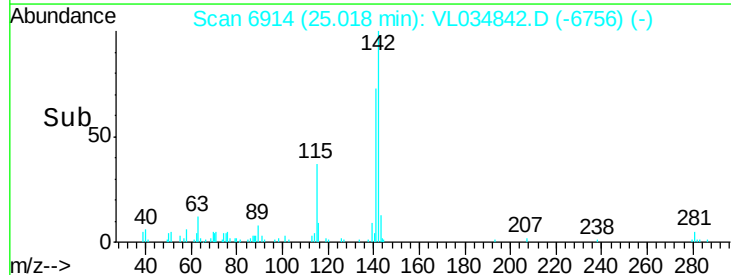
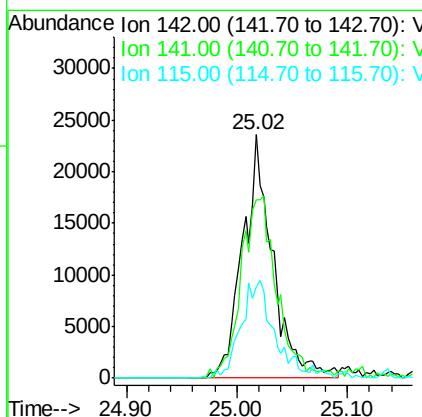
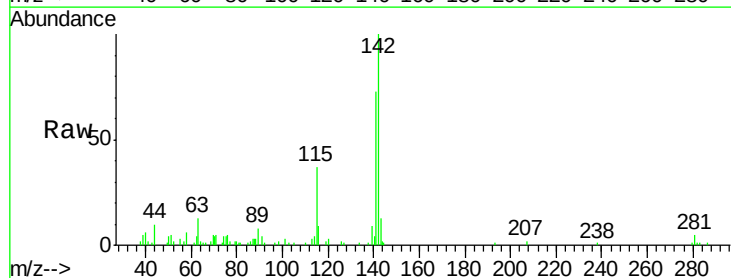
Manual Integrations
APPROVED

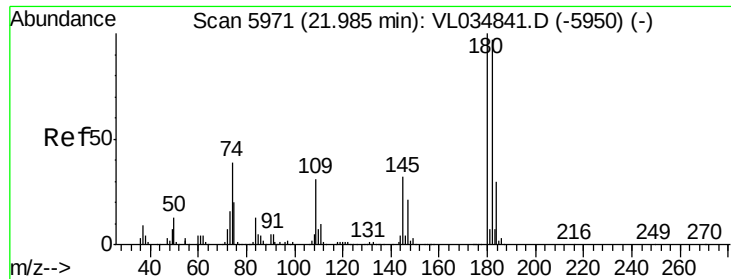
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3/11/2020 3:25:57 PM



#80
Naphthalene, 2-methyl-
Concen: 0.870 ppbv
RT: 25.02 min Scan# 6914
Delta R.T. 0.01 min
Lab File: VL034842.D
Acq: 9 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	68.9	103.3
115	46.6	33.2	49.8





#81
 1,2,4-Trichlorobenzene
 Concen: 2.039 ppbv
 RT: 21.99 min Scan# 5971
 Delta R.T. 0.00 min
 Lab File: VL034842.D
 Acq: 9 Mar 2020 12:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Resp	Lower	Upper
180	100	275213		
182	100.9		76.6	115.0
184	29.7		25.0	37.4

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:25:57 PM

