

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
 Data File : VL037320.D
 Acq On : 4 Aug 2021 22:36
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL080421

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 1:40:09 PM

Quant Time: Aug 05 03:56:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
 QLast Update : Wed Aug 04 22:53:01 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1208480	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3930150	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3355803m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2421835	10.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	1663652	6.780	ppbv	100
3) Chlorodifluoromethane	2.98	51	2089083	8.502	ppbv	99
4) Chloromethane	3.14	50	768628	8.735	ppbv	93
5) Vinyl Chloride	3.25	62	827663	8.986	ppbv	97
6) Bromomethane	3.47	94	508189	8.941	ppbv	99
7) Chloroethane	3.55	64	300711	9.189	ppbv	97
8) Dichlorotetrafluoroethane	3.18	85	2005671	8.544	ppbv	99
9) Propene	3.01	41	732999	8.250	ppbv	99
10) Heptane	8.11	43	1824731	8.794	ppbv	99
11) Trichlorofluoromethane	3.94	101	1976882	8.758	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1434638	8.741	ppbv	98
13) Ethanol	3.61	45	90759	6.782	ppbv	97
14) Bromoethene	3.73	108	672056	9.172	ppbv	99
15) Acetone	3.84	43	992596	7.561	ppbv	99
16) 1,3-Butadiene	3.32	39	735863	8.702	ppbv	99
17) tert-Butyl alcohol	4.29	59	1280968	9.716	ppbv	100
18) 1,1-Dichloroethene	4.29	96	675562	9.011	ppbv	96
19) Isopropyl Alcohol	3.96	45	698574	9.615	ppbv #	97
20) Methylene Chloride	4.34	84	598818	5.510	ppbv	100
21) Allyl Chloride	4.41	41	941103	8.857	ppbv	93
22) trans-1,2-Dichloroethene	4.88	96	659417	9.655	ppbv	98
23) Vinyl Acetate	5.06	43	1926623	9.719	ppbv	99
24) 1,1-Dichloroethane	5.00	63	1503008	8.867	ppbv	100
25) Ethyl Acetate	5.67	43	2820186	8.261	ppbv	99
26) Hexane	5.68	57	1428077	7.476	ppbv	98
27) Carbon Disulfide	4.54	76	1564937	10.067	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1739259	8.574	ppbv	100
29) Chloroform	5.75	83	2109897	8.722	ppbv	98
30) Cyclohexane	7.12	84	1257981	8.540	ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	1354809	9.132	ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	2100434	9.107	ppbv	100
34) 2-Butanone	5.24	43	1254226	9.197	ppbv	99
35) Carbon Tetrachloride	7.01	117	2232231	9.517	ppbv	99
36) Benzene	6.88	78	3001856	8.487	ppbv	100
37) 1,2-Dichloroethane	6.30	62	1479826	9.096	ppbv	99
38) Trichloroethene	7.83	130	1269481	8.201	ppbv	98
39) 1,2-Dichloropropane	7.60	63	1125924	8.549	ppbv	97
40) 1,4-Dioxane	7.83	88	289464	7.640	ppbv	87
41) Tetrahydrofuran	6.04	42	674146	8.889	ppbv	100
42) Bromodichloromethane	7.78	83	2259321	9.225	ppbv	95
43) Methyl Methacrylate	8.01	69	1088320	9.068	ppbv	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4819901	8.244	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1006598	10.620	ppbv	100
46) cis-1,3-Dichloropropene	8.69	75	1341043	9.827	ppbv	98
47) 1,1,2-Trichloroethane	9.46	97	1216422	8.687	ppbv	98
48) Dibromochloromethane	10.29	129	1999464	9.635	ppbv	100
49) Bromoform	13.03	173	1523823	9.793	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	1866542	8.938	ppbv	100
51) 2-Hexanone	10.13	43	920075	9.690	ppbv #	97
52) Tetrachloroethene	11.21	164	1231394	8.083	ppbv	98
53) Toluene	9.80	91	3520180	8.431	ppbv	98
54) 1,2-Dibromoethane	10.60	107	1767886	9.091	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.11	131	1327629	9.164	ppbv #	60
57) Chlorobenzene	12.13	112	2588207	9.135	ppbv	99
58) Ethyl Benzene	12.70	91	4313840	8.751	ppbv	98
59) m/p-Xylene	12.98	91	7466869m	17.984	ppbv	
60) o-Xylene	13.68	91	3251300	8.617	ppbv	98
61) Styrene	13.51	104	1905625	9.213	ppbv	100
62) Isopropylbenzene	14.65	105	5035090	9.190	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.66	83	2354603	8.594	ppbv	100
64) n-propylbenzene	15.55	120	1309213	9.138	ppbv	100
65) tert-Butylbenzene	16.73	119	4455870	8.818	ppbv	100
66) Benzyl Chloride	16.97	91	220798	11.242	ppbv	98
67) sec-Butylbenzene	17.28	105	6054311	8.884	ppbv	99
69) p-Isopropyltoluene	17.64	119	5283381	9.216	ppbv	100
70) n-Butylbenzene	18.54	91	4978747	9.495	ppbv	99
71) 2-Chlorotoluene	15.44	91	3412709	8.914	ppbv	100
72) 4-Ethyltoluene	15.82	105	4095074	8.990	ppbv	100
73) 1,3,5-Trimethylbenzene	15.98	105	3813947	9.313	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	4048582	9.264	ppbv	96
75) 1,3-Dichlorobenzene	16.98	146	2570697	9.568	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2514048	9.434	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	2509119	9.589	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	2053307	8.738	ppbv	99
79) Naphthalene	22.18	128	4522297	11.274	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	1072931	16.458	ppbv	92
81) 1,2,4-Trichlorobenzene	21.91	180	2435244	10.450	ppbv	99

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

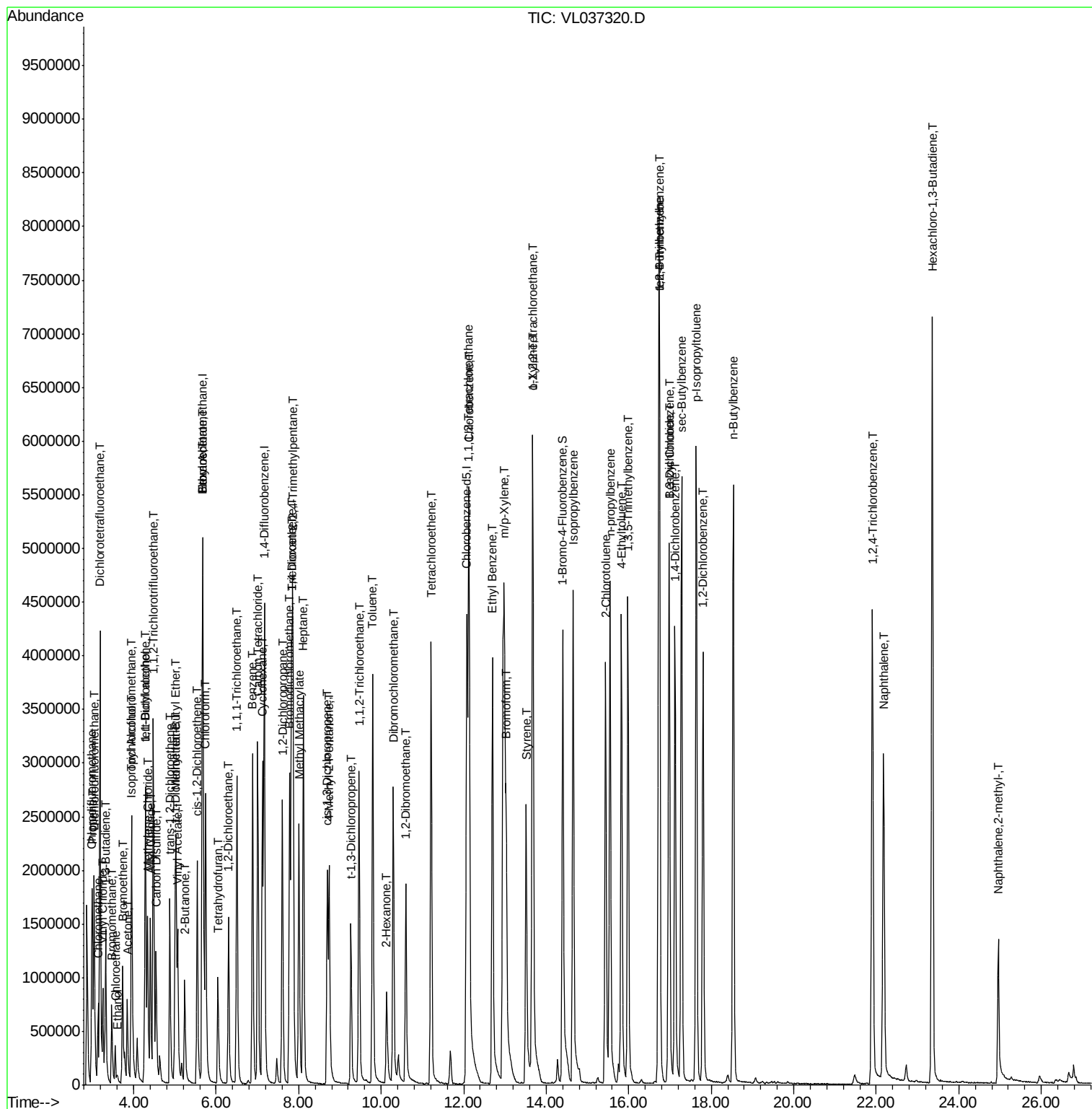
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080421\  
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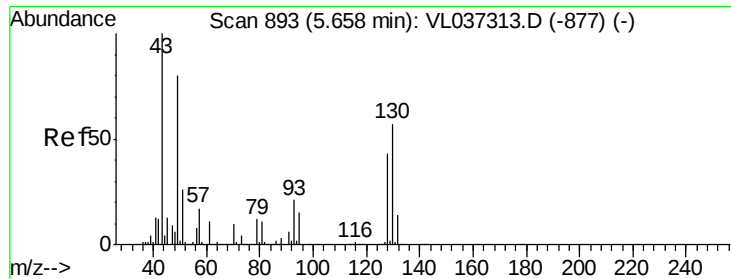
Instrument :
MSVOA_L
ClientSampleId :
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QLast Update : Wed Aug 04 22:53:01 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion: 49 Resp: 1208480

Ion Ratio Lower Upper

49 100

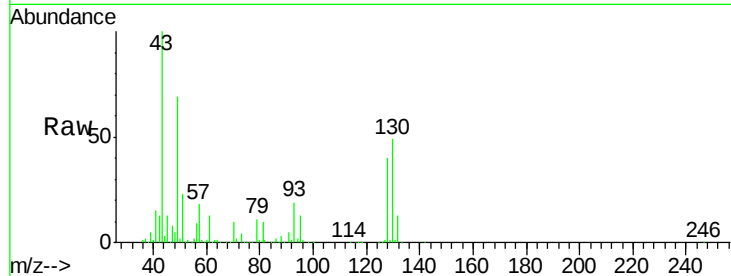
128 61.4 29.8 89.5

130 76.2 37.5 112.7

Manual Integrations
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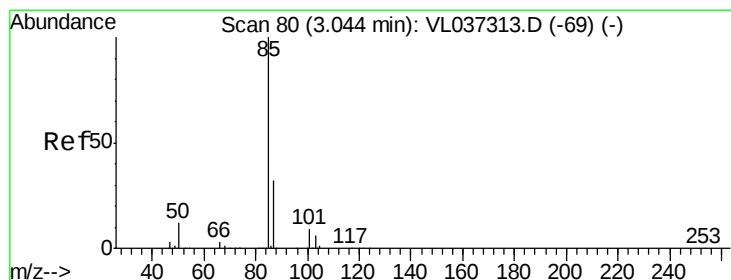
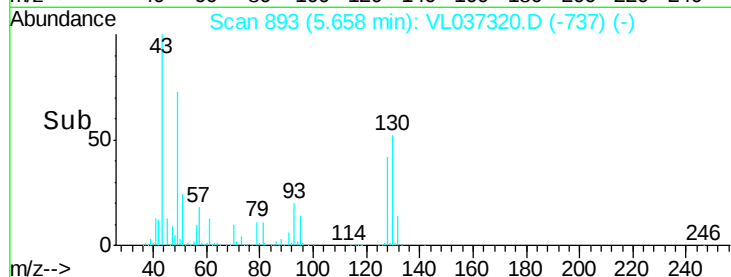
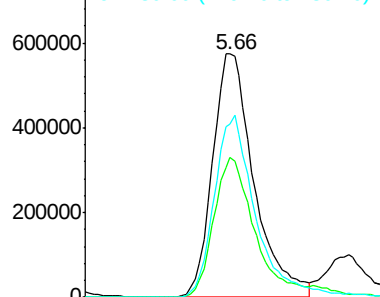
8/5/2021 1:40:09 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 6.780 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL037320.D

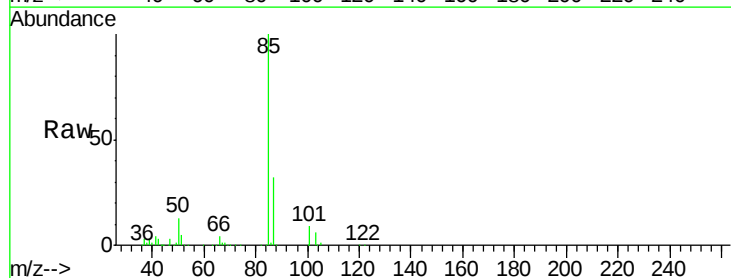
Acq: 4 Aug 2021 22:36

Tgt Ion: 85 Resp: 1663652

Ion Ratio Lower Upper

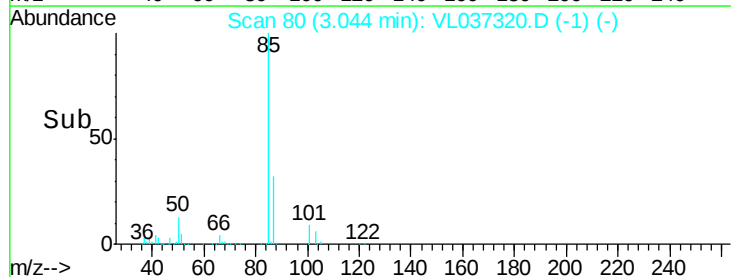
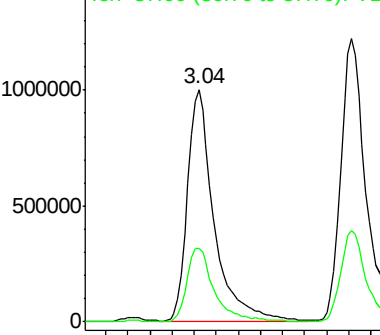
85 100

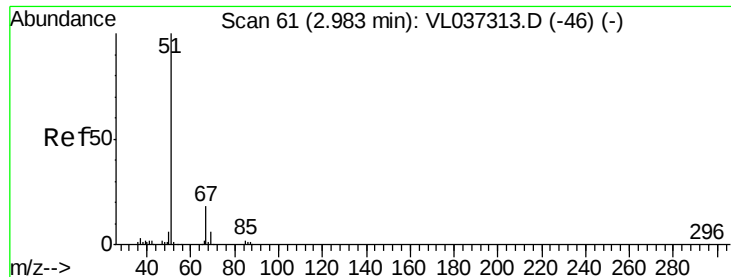
87 31.8 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.502 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Tot Ion: 51 Resp: 2089083

Ion Ratio Lower Upper

51 100

67 18.3 14.2 21.2

Instrument :

MSVOA_L

ClientSampleId :

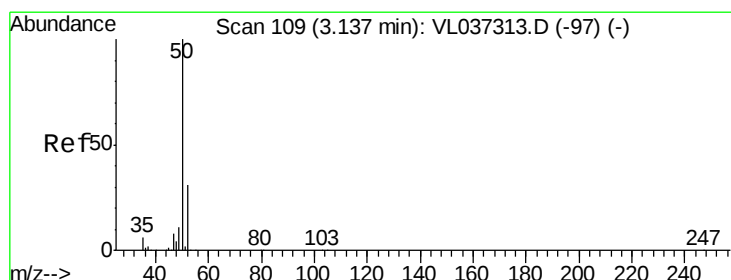
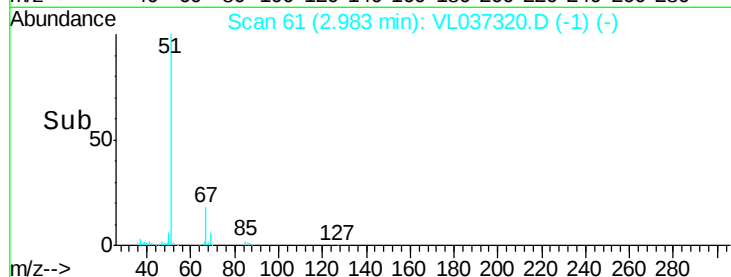
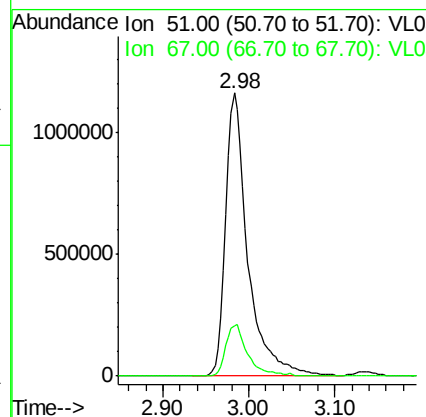
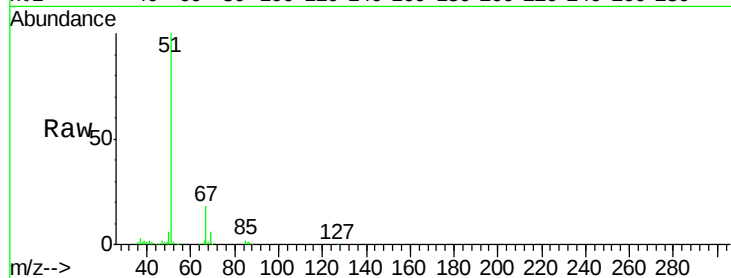
ICVVL080421

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#4

Chloromethane

Concen: 8.735 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL037320.D

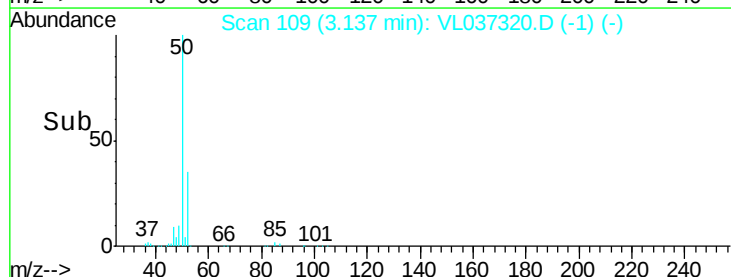
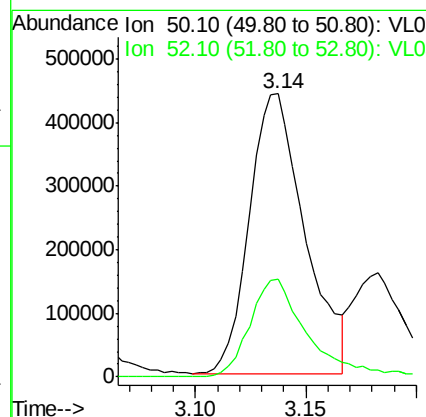
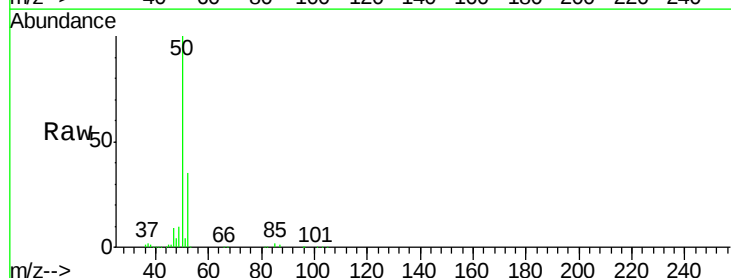
Acq: 4 Aug 2021 22:36

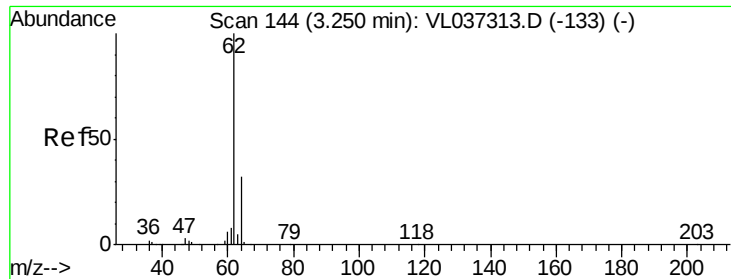
Tgt Ion: 50 Resp: 768628

Ion Ratio Lower Upper

50 100

52 35.1 25.1 37.7





#5

Vinyl Chloride

Concen: 8.986 ppbv

RT: 3.25 min Scan# 144

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion: 62 Resp: 827663

Ion Ratio Lower Upper

62 100

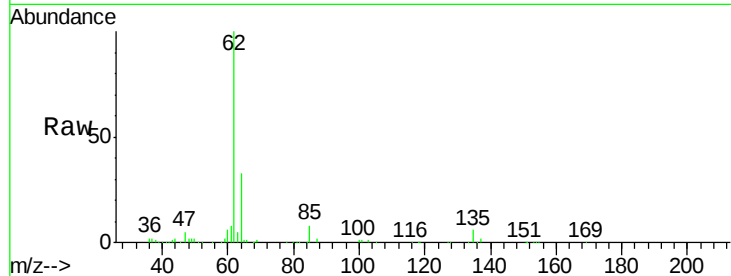
64 33.5 25.7 38.5

Manual Integrations

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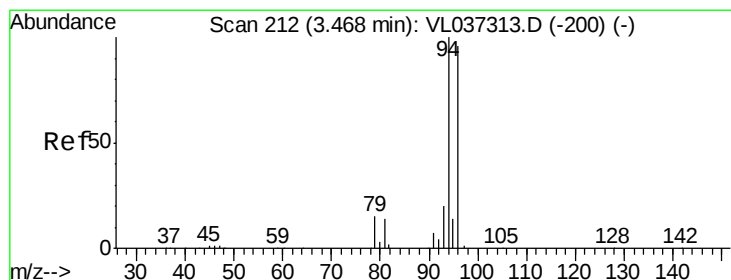
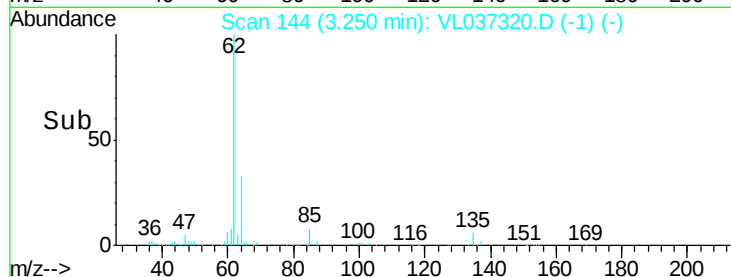
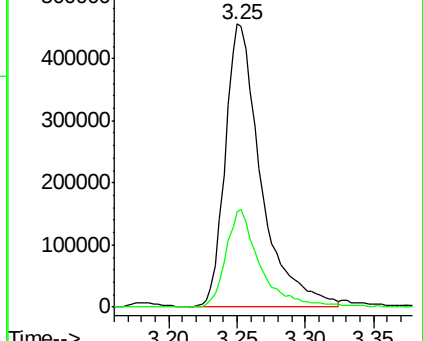
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.941 ppbv

RT: 3.47 min Scan# 212

Delta R.T. 0.00 min

Lab File: VL037320.D

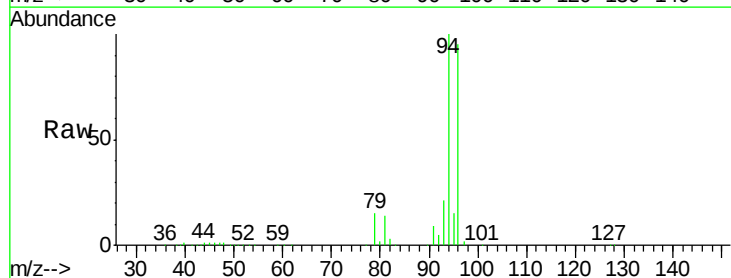
Acq: 4 Aug 2021 22:36

Tgt Ion: 94 Resp: 508189

Ion Ratio Lower Upper

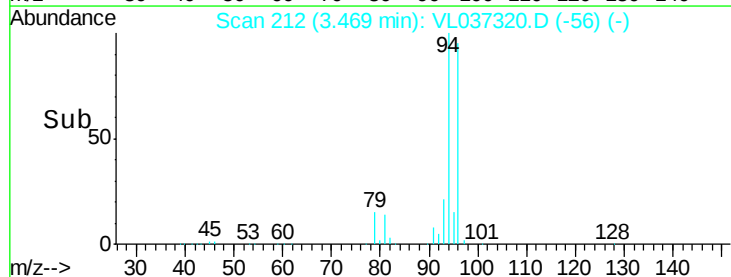
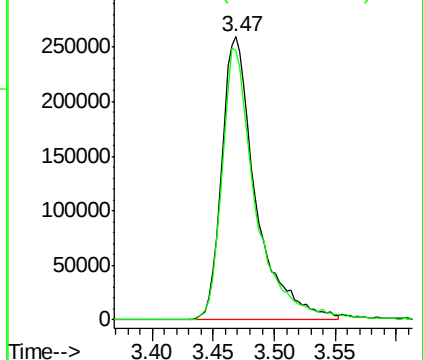
94 100

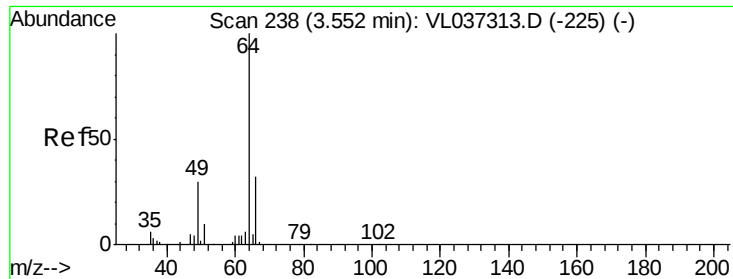
96 95.1 76.7 115.1



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.189 ppbv

RT: 3.55 min Scan# 238

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion: 64 Resp: 300711

Ion Ratio Lower Upper

64 100

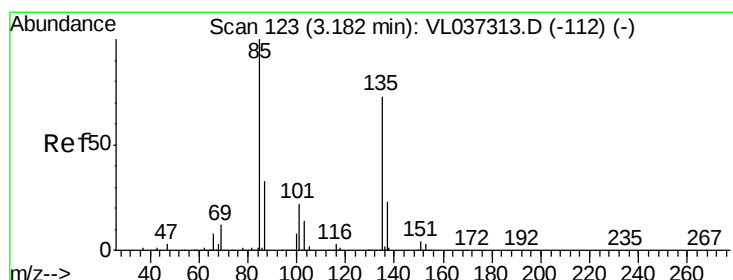
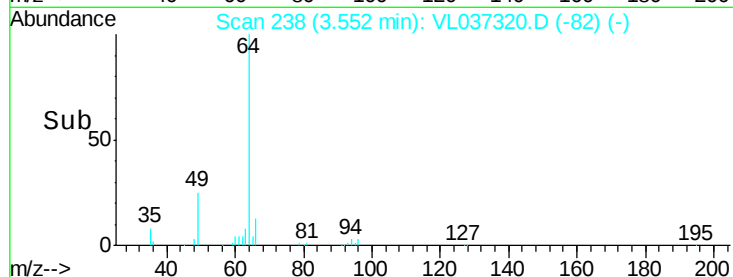
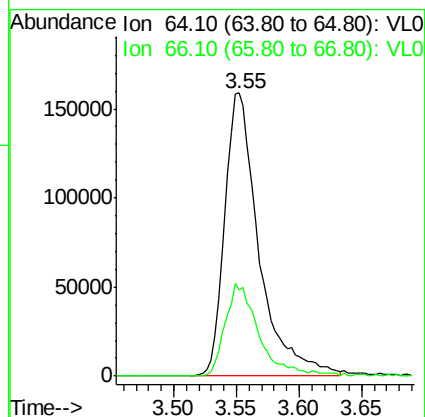
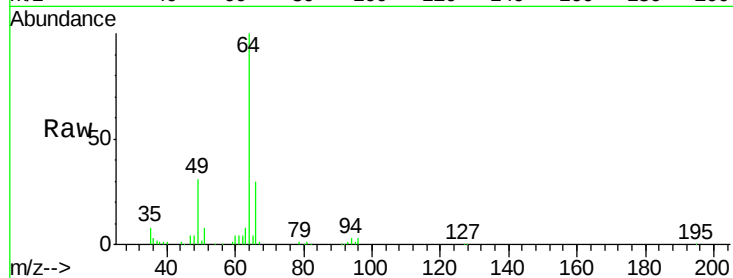
66 30.3 25.5 38.3

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 8.544 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.00 min

Lab File: VL037320.D

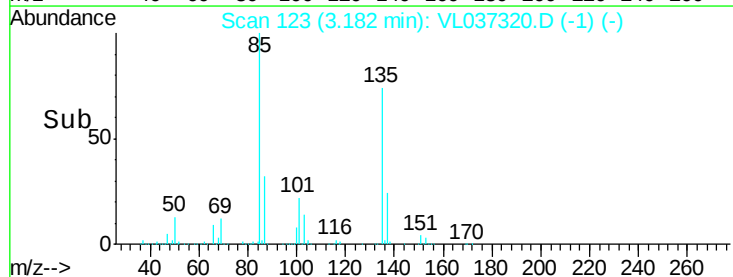
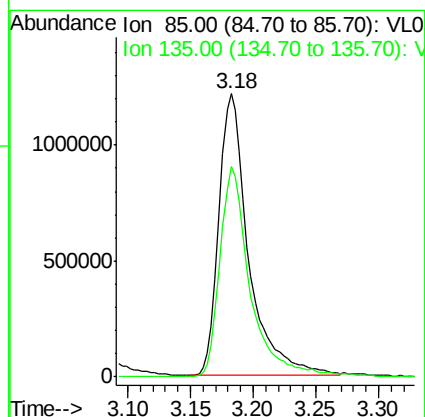
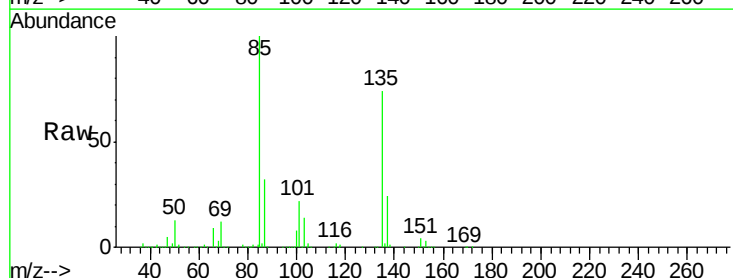
Acq: 4 Aug 2021 22:36

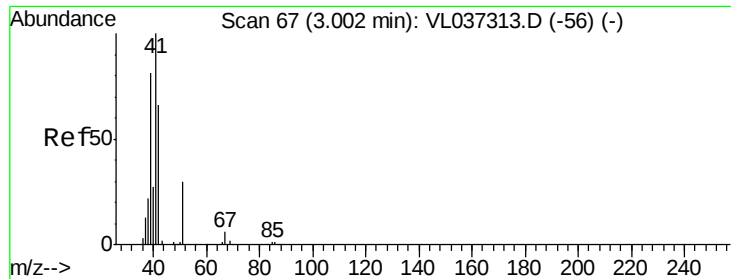
Tgt Ion: 85 Resp: 2005671

Ion Ratio Lower Upper

85 100

135 77.0 60.6 91.0





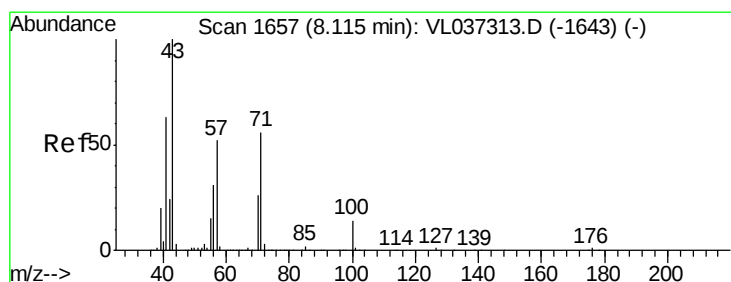
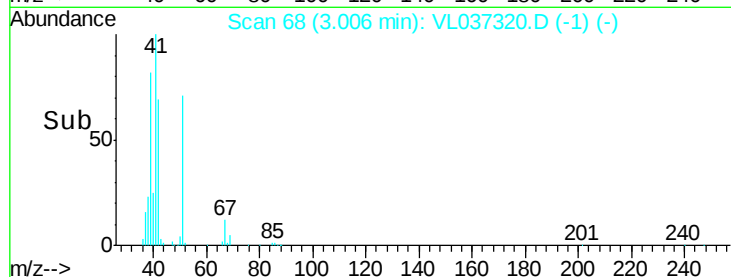
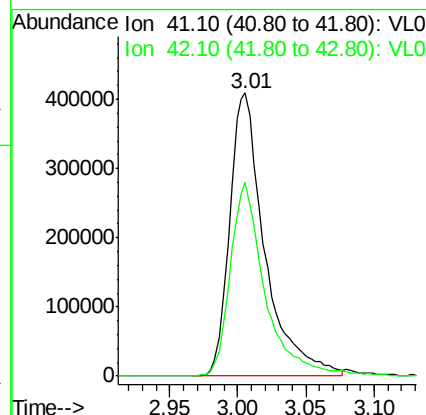
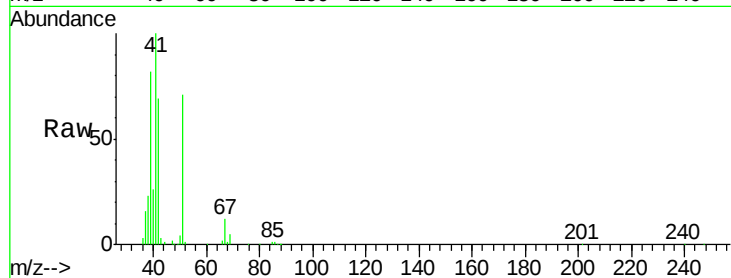
#9
 Propene
 Concen: 8.250 ppbv
 RT: 3.01 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Instrument :
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 ClientSampleId :
 ICVVL080421

Tot Ion: 41 Resp: 732999
 Ion Ratio Lower Upper
 41 100
 42 68.1 53.8 80.8

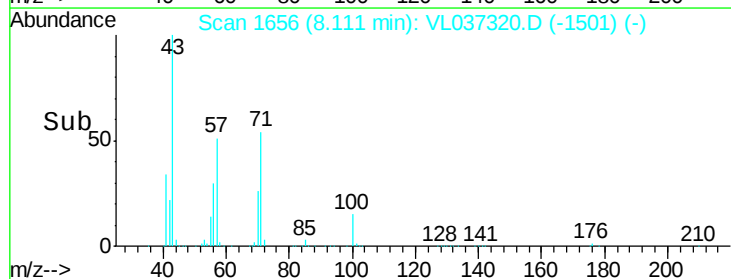
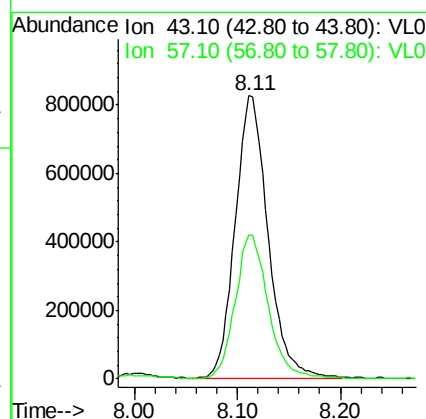
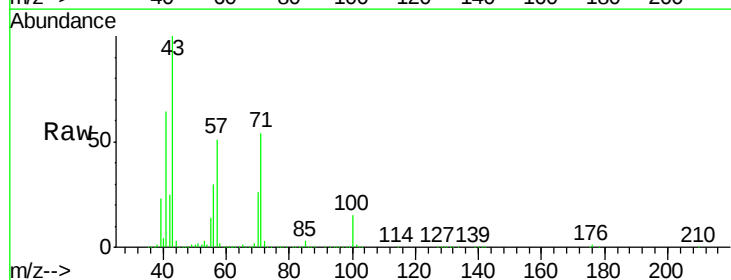
Manual Integrations
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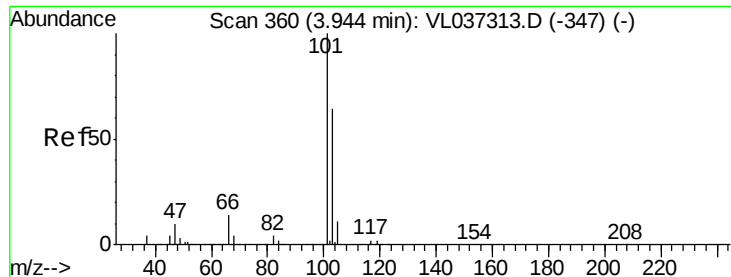
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#10
 Heptane
 Concen: 8.794 ppbv
 RT: 8.11 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Tgt Ion: 43 Resp: 1824731
 Ion Ratio Lower Upper
 43 100
 57 52.0 42.4 63.6





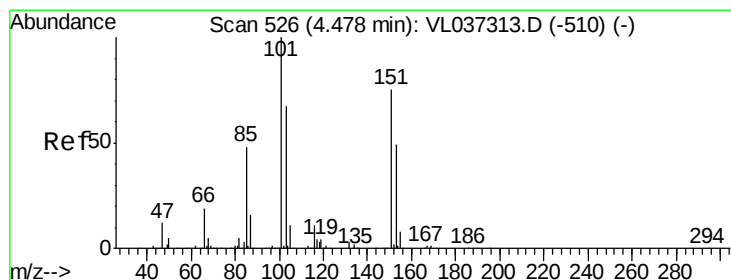
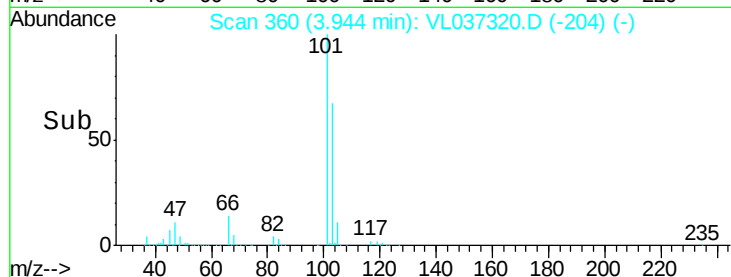
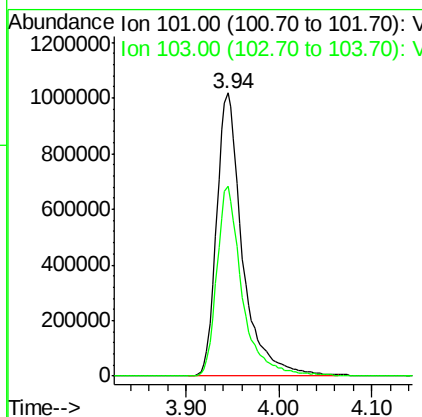
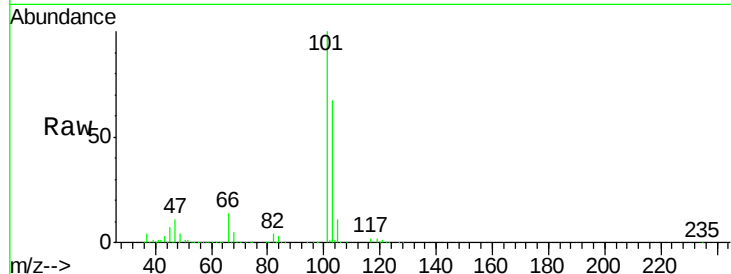
#11
 Trichlorofluoromethane
 Concen: 8.758 ppbv
 RT: 3.94 min Scan# 360
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL080421

Tot Ion:101 Resp: 1976882
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.6 77.4

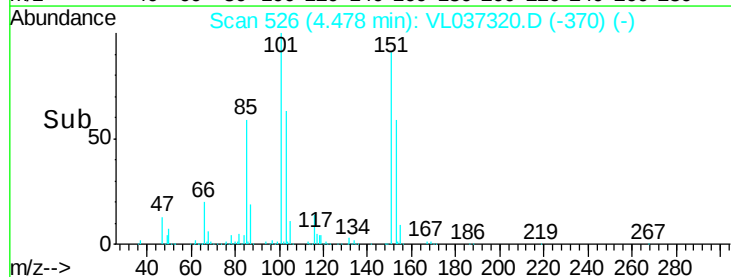
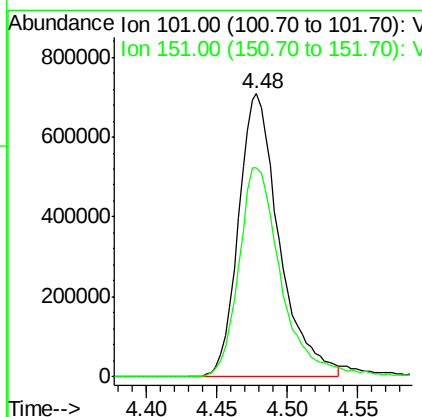
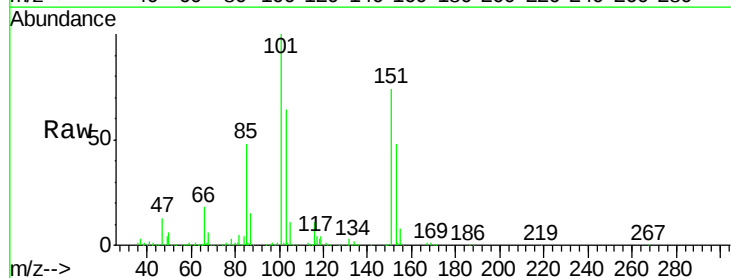
Manual Integrations
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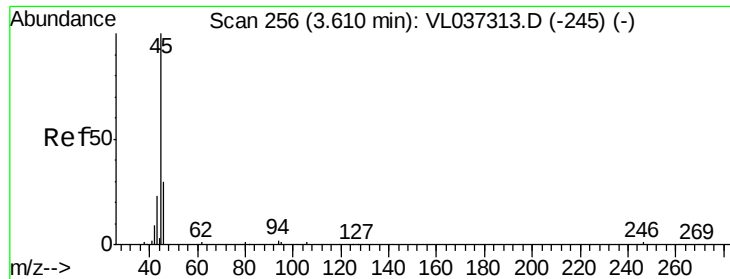
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.741 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Tgt Ion:101 Resp: 1434638
 Ion Ratio Lower Upper
 101 100
 151 77.8 60.6 91.0





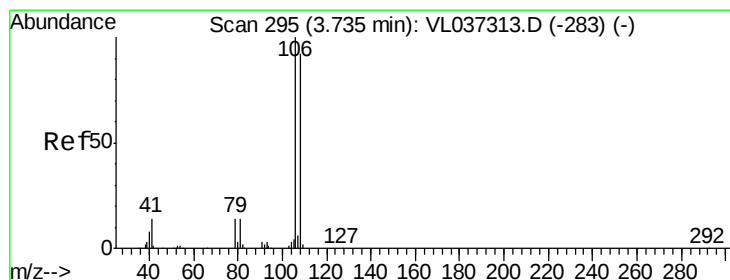
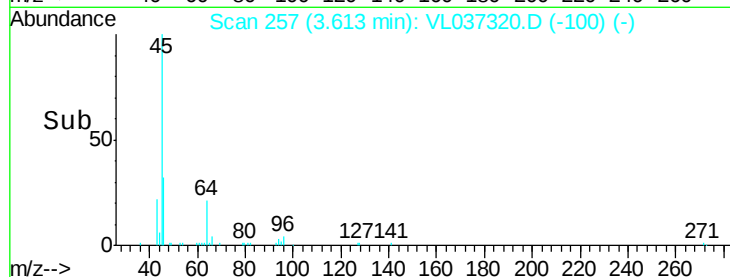
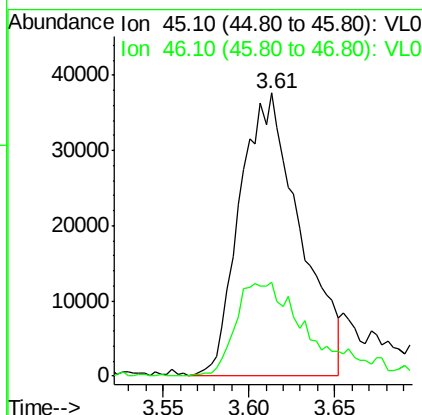
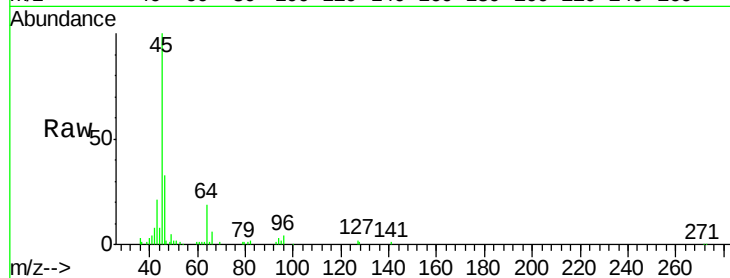
#13
Ethanol
Concen: 6.782 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Instrument :
MSVOA_L
ClientSampleId :
ICVVL080421

Tot Ion	Ratio	Lower	Upper
45	100		
46	43.4	16.6	66.4

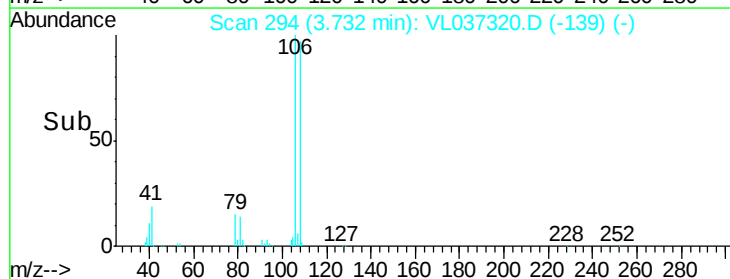
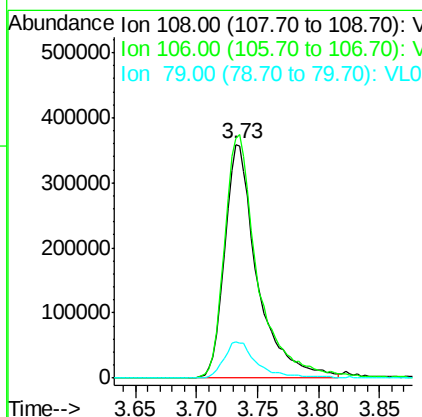
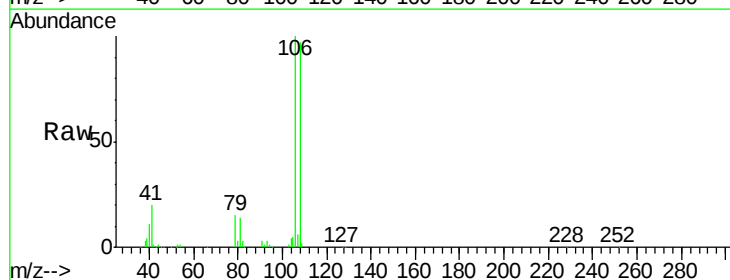
Manual Integrations
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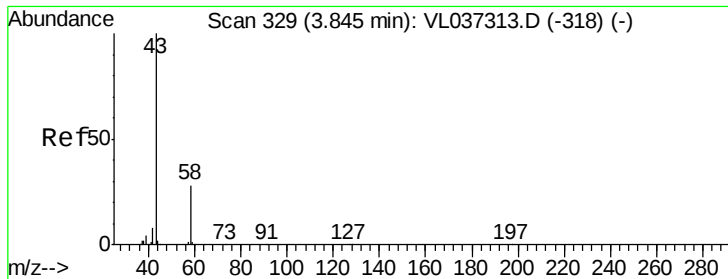
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#14
Bromoethene
Concen: 9.172 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion	Ratio	Lower	Upper
108	100		
106	107.3	86.9	130.3
79	16.1	12.3	18.5





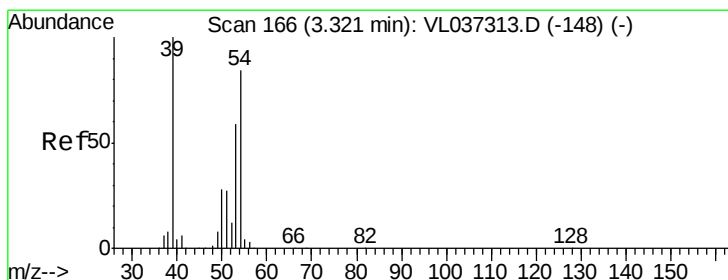
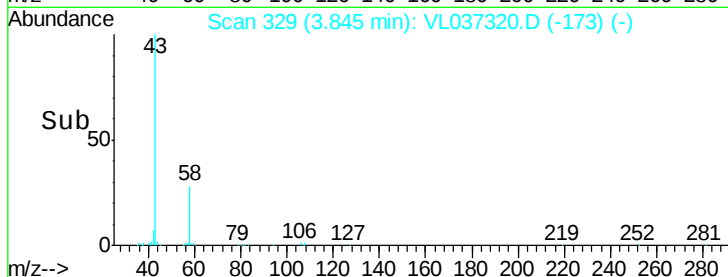
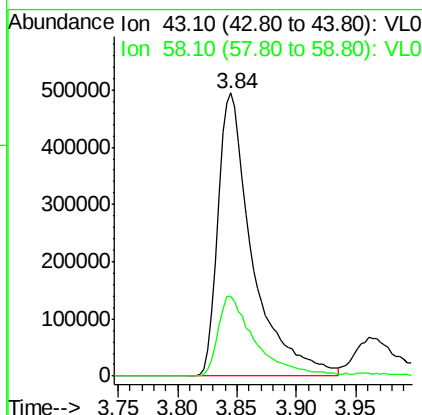
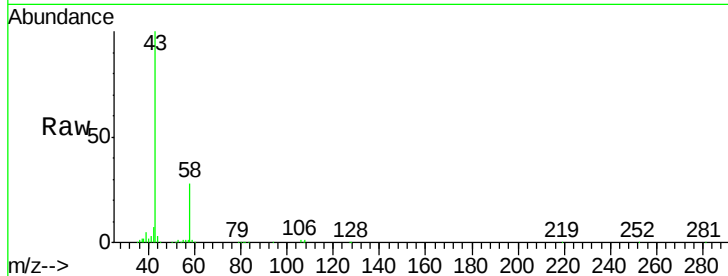
#15
Acetone
Concen: 7.561 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Instrument :
MSVOA_L
ClientSampleId :
ICVVL080421

Tot Ion	43	Resp	992596
Ion Ratio	43	100	Lower Upper
	58	32.3	25.3 37.9

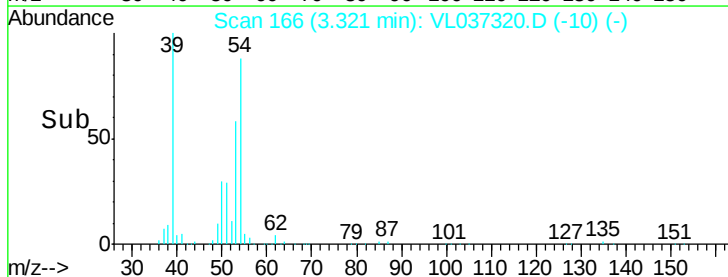
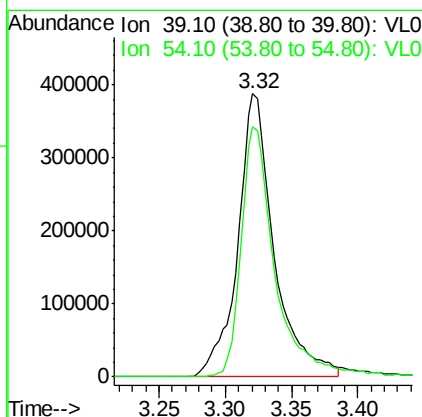
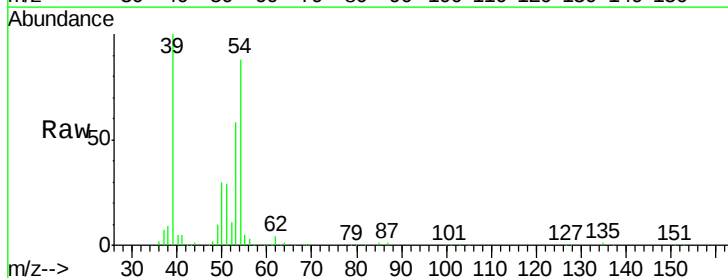
Manual Integrations
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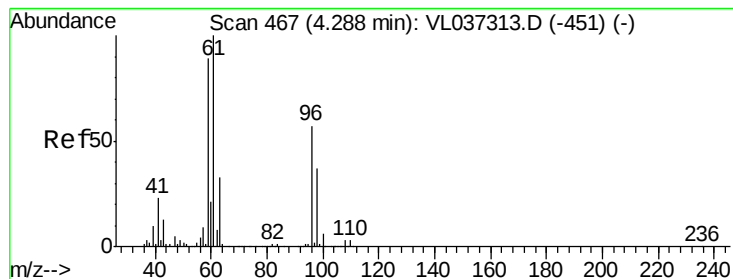
MMDadoda
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#16
1,3-Butadiene
Concen: 8.702 ppbv
RT: 3.32 min Scan# 166
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion	39	Resp	735863
Ion Ratio	39	100	Lower Upper
	54	83.7	66.1 99.1





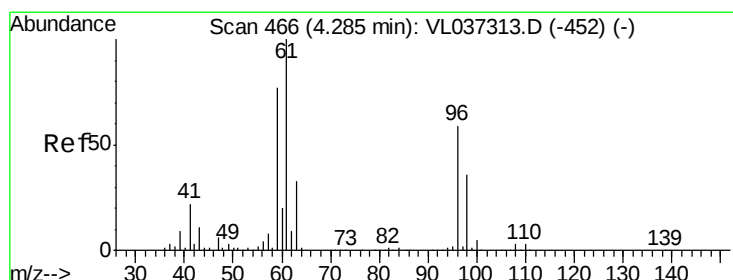
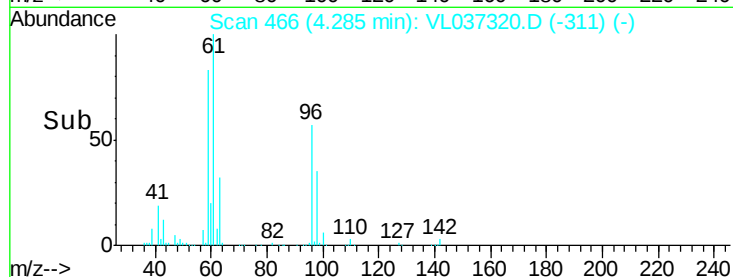
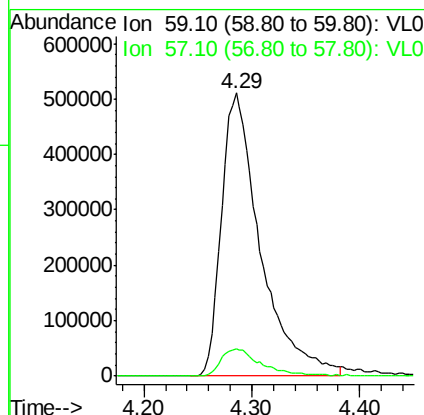
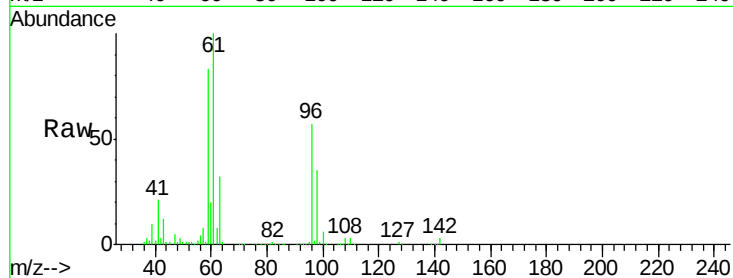
#17
tert-Butyl alcohol
Concen: 9.716 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Instrument :
MSVOA_L
ClientSampleId :
ICVVL080421

Tot Ion: 59 Resp: 1280968
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

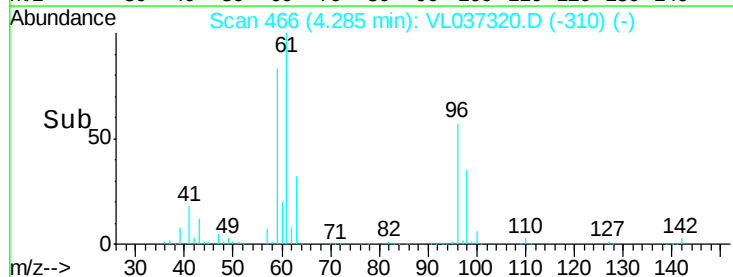
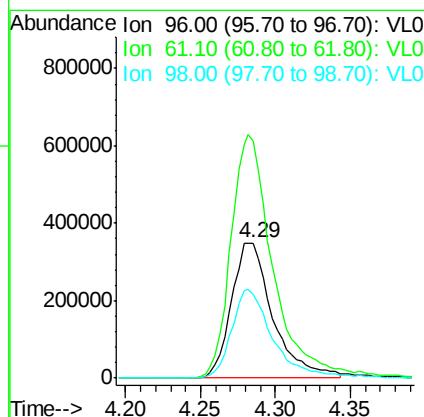
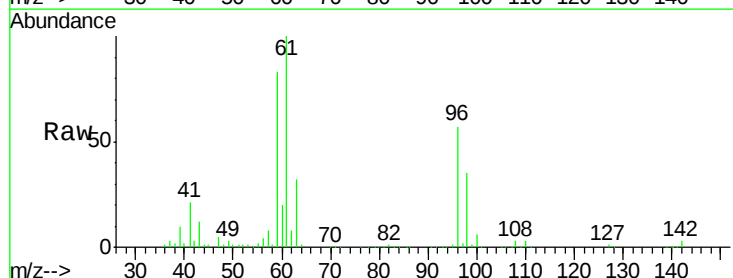
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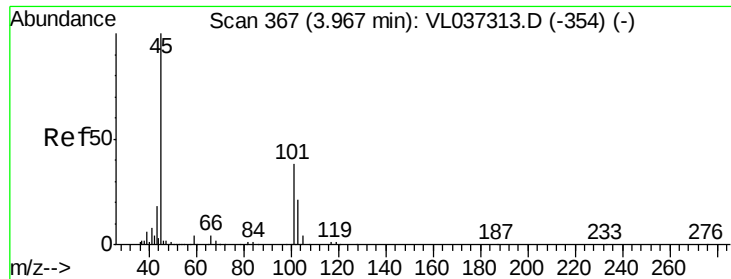
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#18
1,1-Dichloroethene
Concen: 9.011 ppbv
RT: 4.29 min Scan# 466
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion: 96 Resp: 675562
Ion Ratio Lower Upper
96 100
61 175.6 135.7 203.5
98 61.6 48.6 72.8





#19

Isopropyl Alcohol

Concen: 9.615 ppbv

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion: 45 Resp: 698574

Ion Ratio Lower Upper

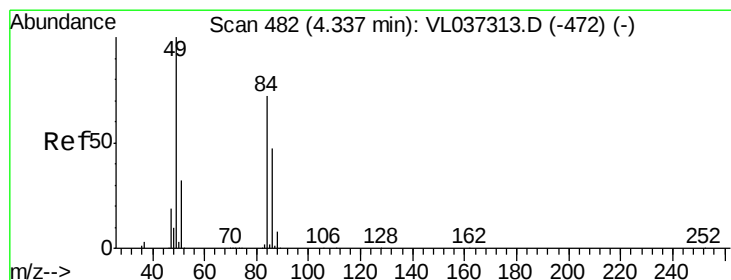
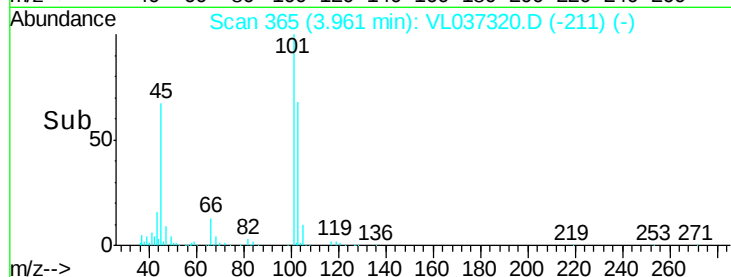
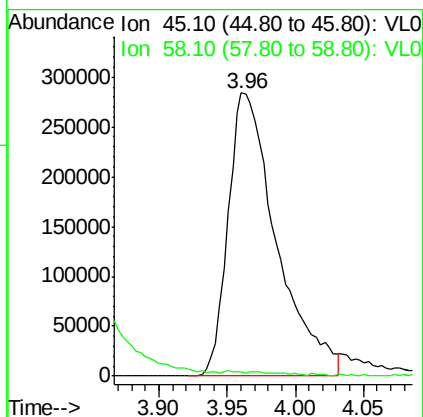
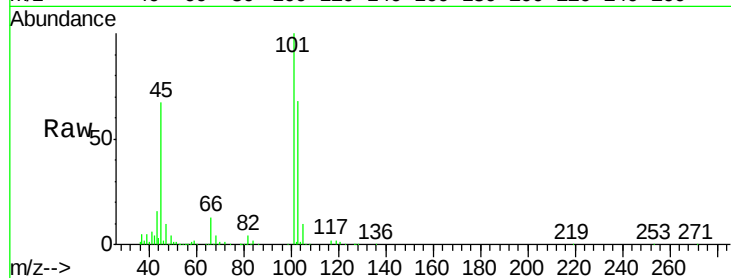
45 100

58 1.4 1.8 2.8#

Manual Integrations
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#20

Methylene Chloride

Concen: 5.510 ppbv

RT: 4.34 min Scan# 482

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Tgt Ion: 84 Resp: 598818

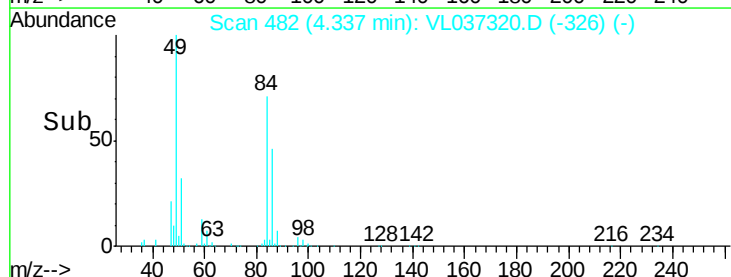
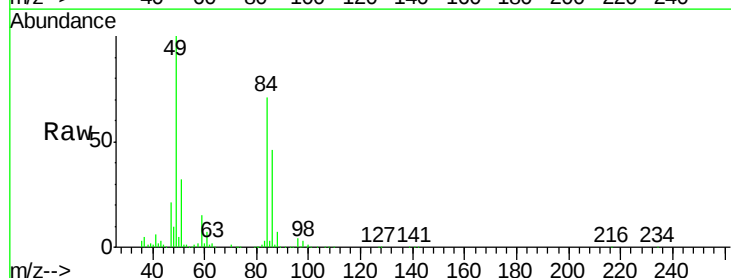
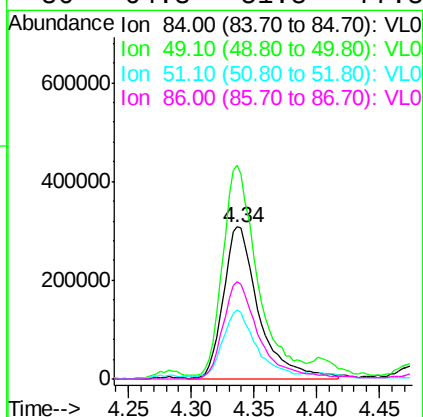
Ion Ratio Lower Upper

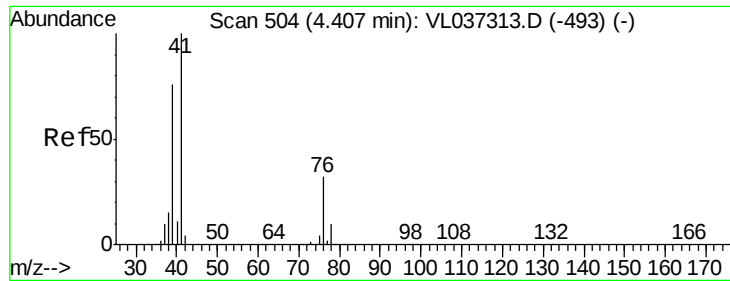
84 100

49 138.1 110.4 165.6

51 43.9 35.8 53.6

86 64.3 51.8 77.8





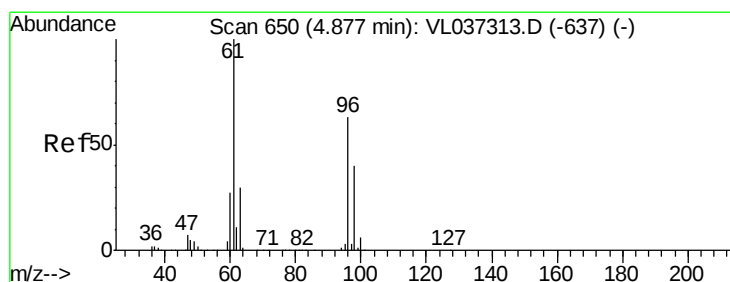
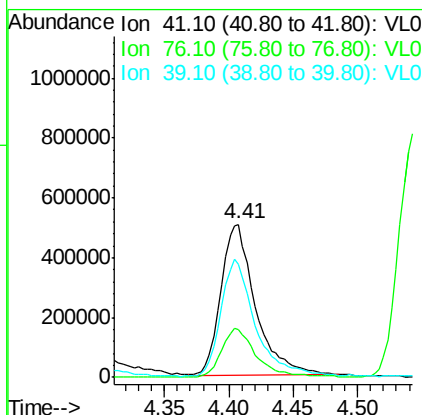
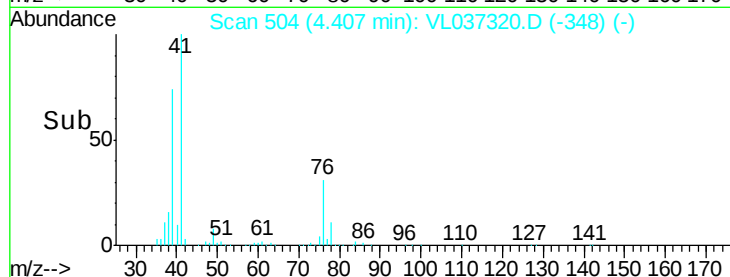
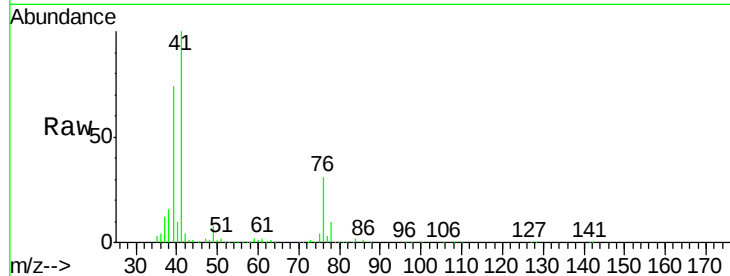
#21
Allvl Chloride
Concen: 8.857 ppbv
RT: 4.41 min Scan# 504
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Instrument :
MSVOA_L
ClientSampled :
ICVVL080421

Tot Ion	Ratio	Lower	Upper
41	100		
76	33.1	25.7	38.5
39	81.2	59.0	88.4

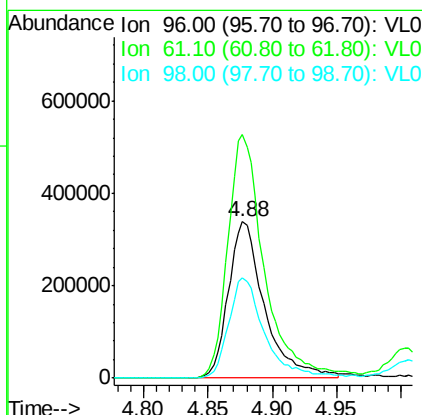
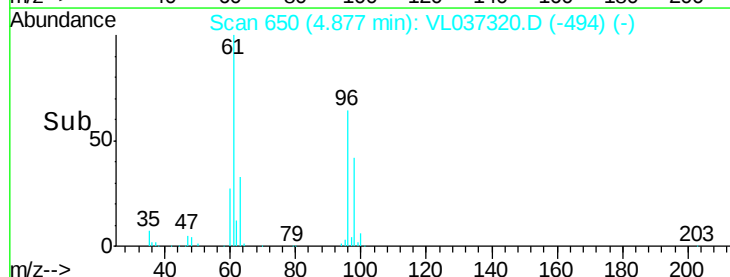
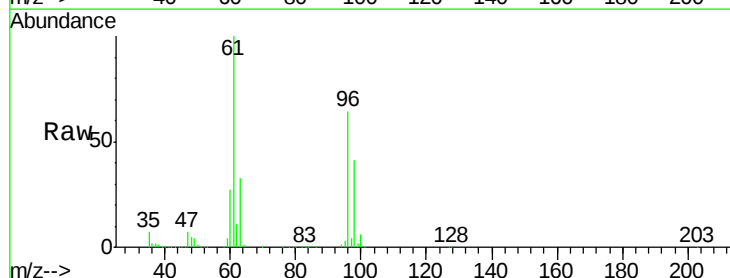
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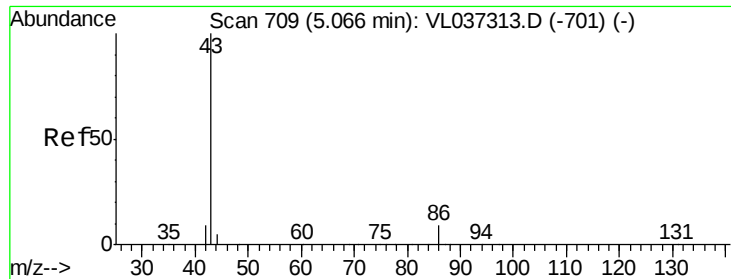
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#22
trans-1,2-Dichloroethene
Concen: 9.655 ppbv
RT: 4.88 min Scan# 650
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	126.7	190.1
98	64.6	50.9	76.3





#23

Vinyl Acetate

Concen: 9.719 ppbv

RT: 5.06 min Scan# 708

Delta R.T. -0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion: 43 Resp: 1926623

Ion Ratio Lower Upper

43 100

86 7.9 6.2 9.2

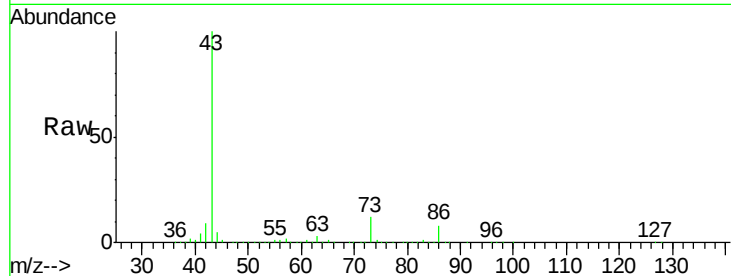
42 9.1 7.7 11.5

44 4.7 3.7 5.5

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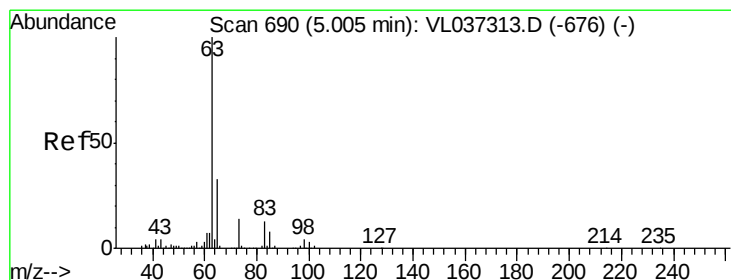
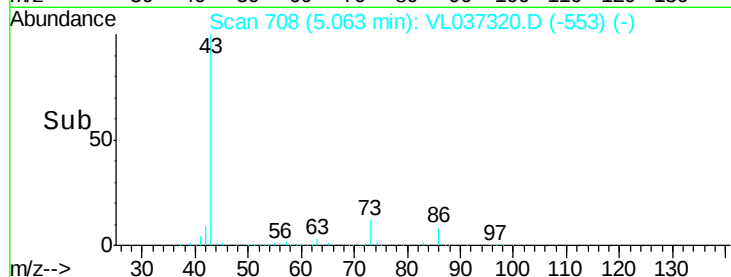
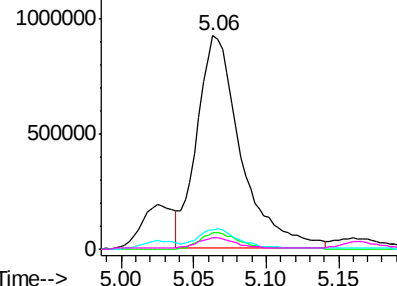


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 8.867 ppbv

RT: 5.00 min Scan# 689

Delta R.T. -0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

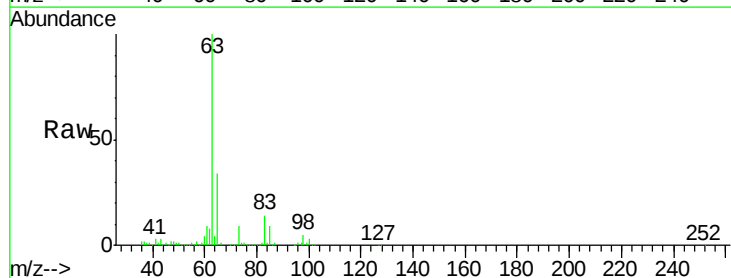
Tgt Ion: 63 Resp: 1503008

Ion Ratio Lower Upper

63 100

98 4.7 2.4 7.2

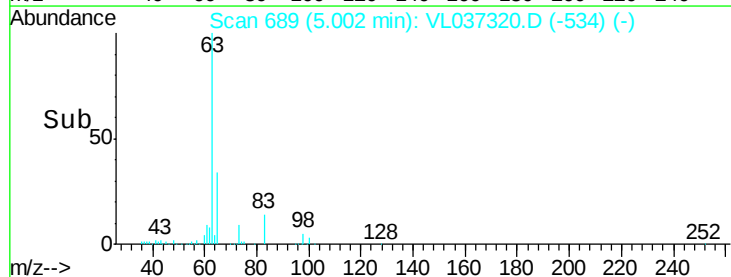
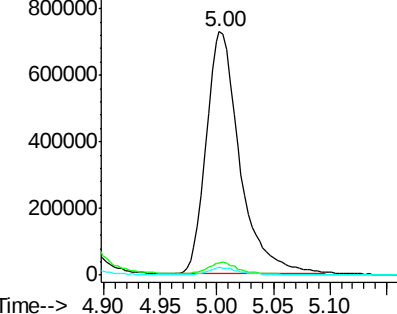
100 3.0 1.5 4.4

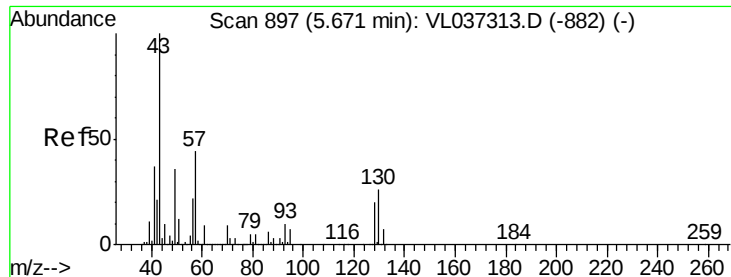


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





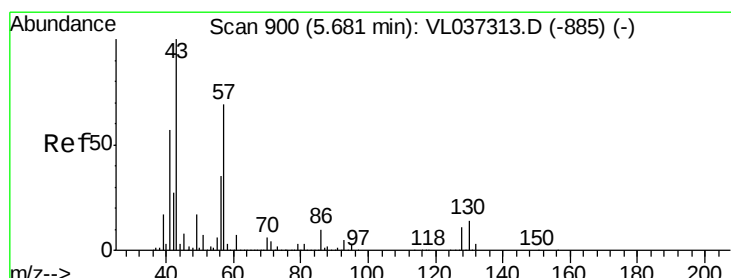
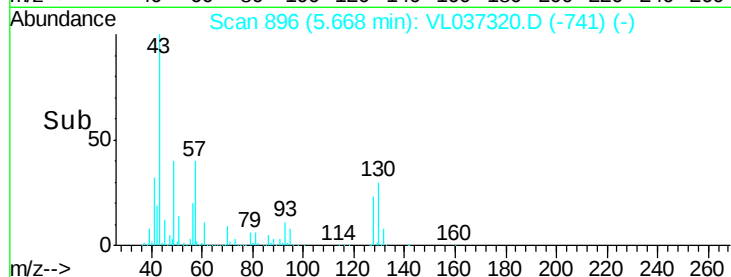
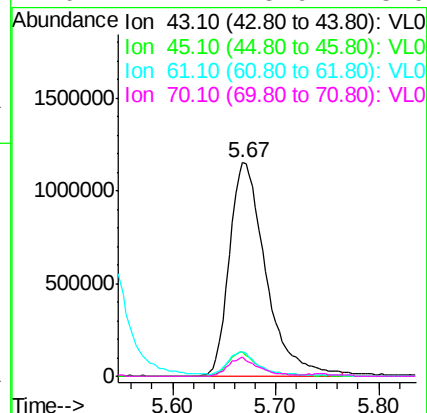
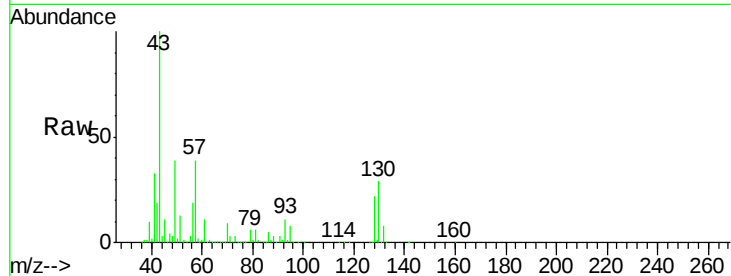
#25
Ethyl Acetate
Concen: 8.261 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Instrument :
MSVOA_L
ClientSampleId :
ICVVL080421

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
45	10.0	7.8	11.8	
61	10.2	8.6	12.8	
70	7.4	5.9	8.9	

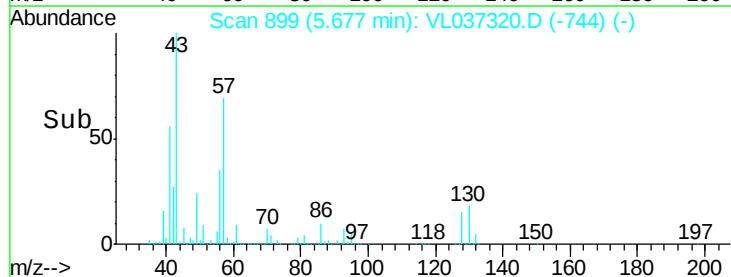
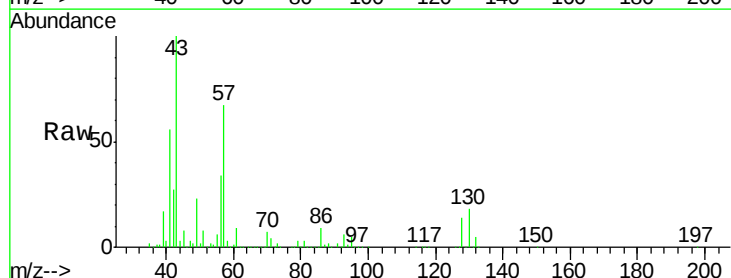
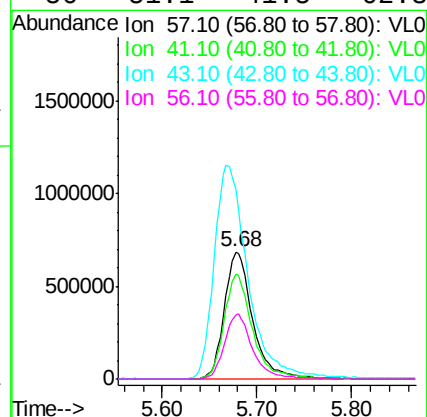
Manual Integrations
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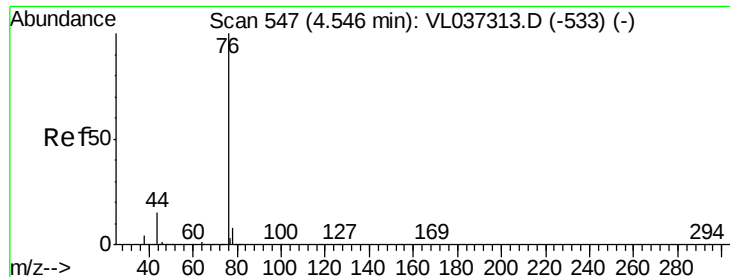
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#26
Hexane
Concen: 7.476 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	83.7	67.5	101.3	
43	200.1	163.0	244.4	
56	51.1	41.5	62.3	





#27

Carbon Disulfide

Concen: 10.067 ppbv

RT: 4.54 min Scan# 546

Delta R.T. -0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion: 76 Resp: 1564937

Ion Ratio Lower Upper

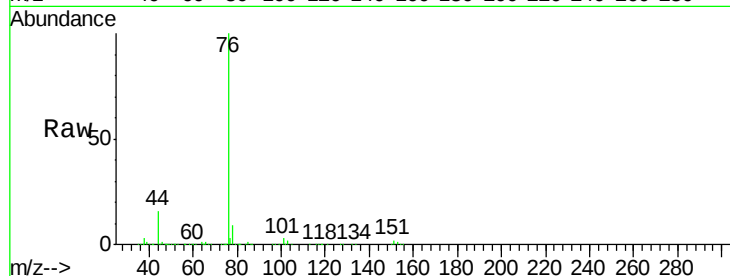
76 100

44 16.8 13.1 19.7

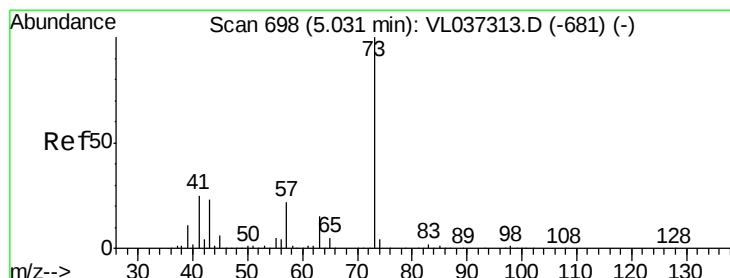
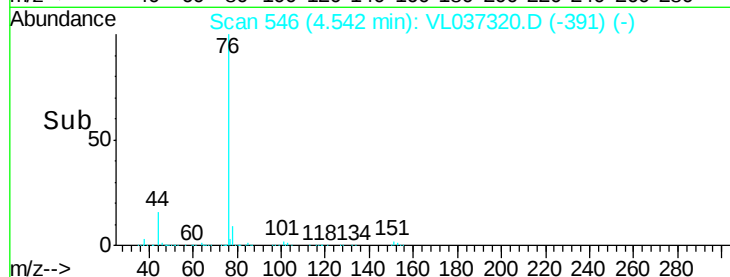
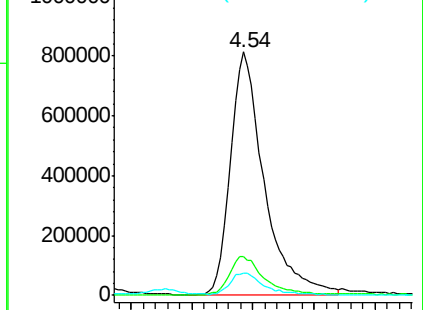
78 10.0 8.0 12.0

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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: 8.574 ppbv

RT: 5.03 min Scan# 697

Delta R.T. -0.00 min

Lab File: VL037320.D

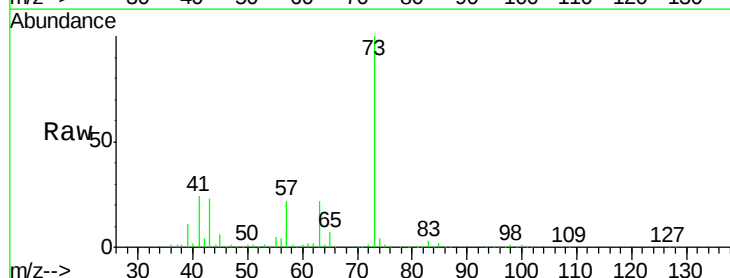
Acq: 4 Aug 2021 22:36

Tgt Ion: 73 Resp: 1739259

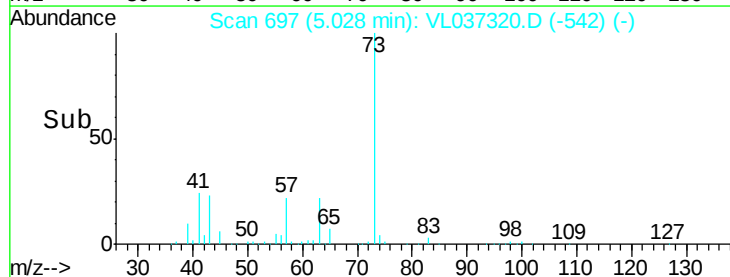
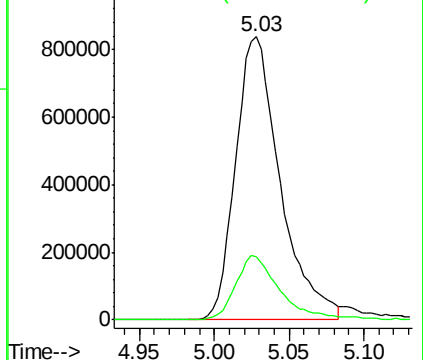
Ion Ratio Lower Upper

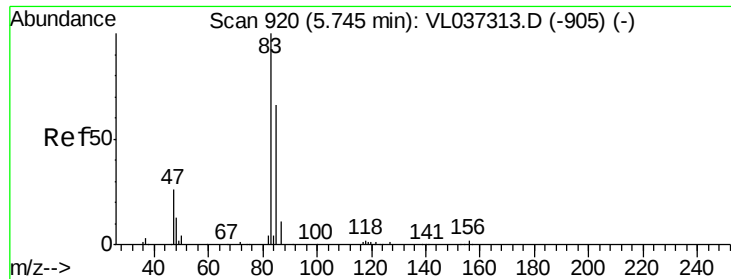
73 100

57 22.9 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





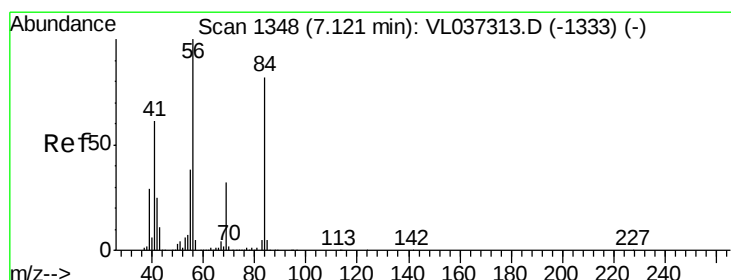
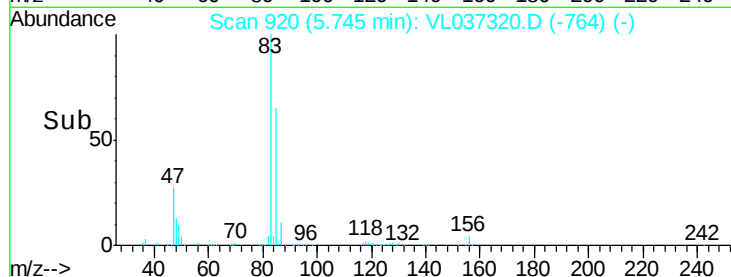
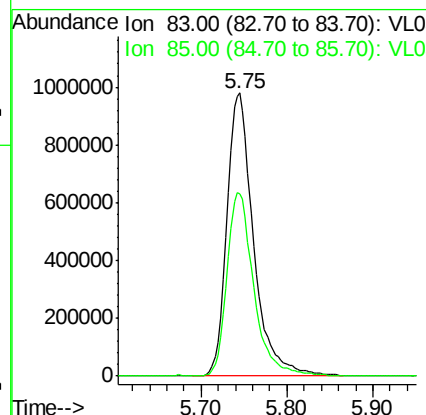
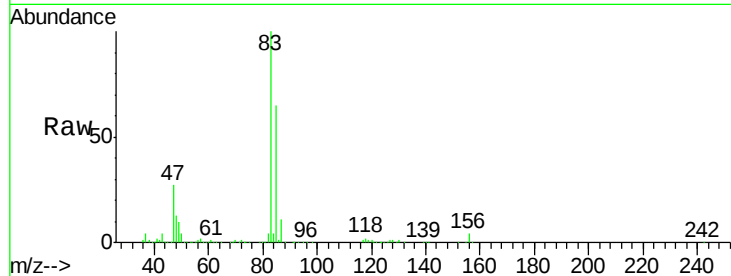
#29
Chloroform
Concen: 8.722 ppbv
RT: 5.75 min Scan# 920
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Instrument :
MSVOA_L
ClientSampleId :
ICVVL080421

Tot Ion: 83 Resp: 2109897
Ion Ratio Lower Upper
83 100
85 64.3 52.6 79.0

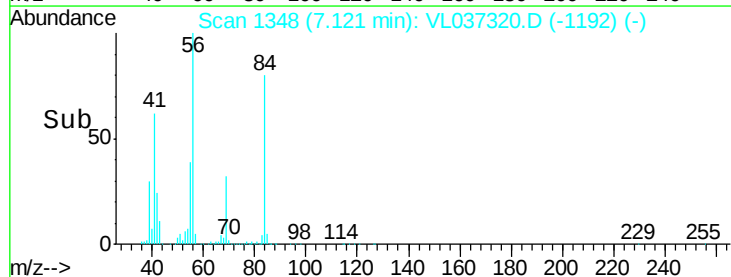
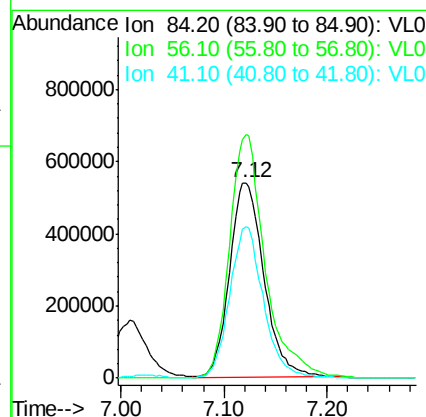
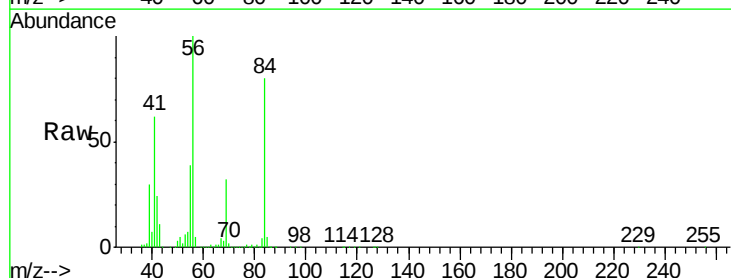
Manual Integrations
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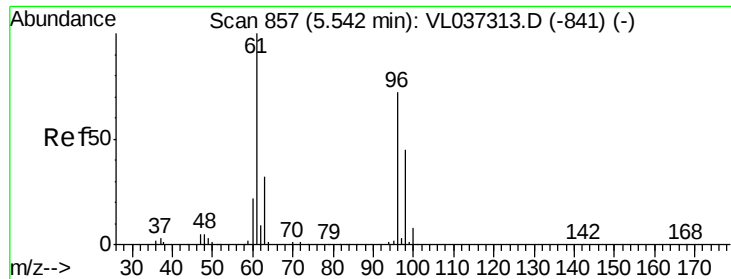
MMDadoda
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#30
Cyclohexane
Concen: 8.540 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion: 84 Resp: 1257981
Ion Ratio Lower Upper
84 100
56 130.0 105.2 157.8
41 76.3 61.3 91.9





#31

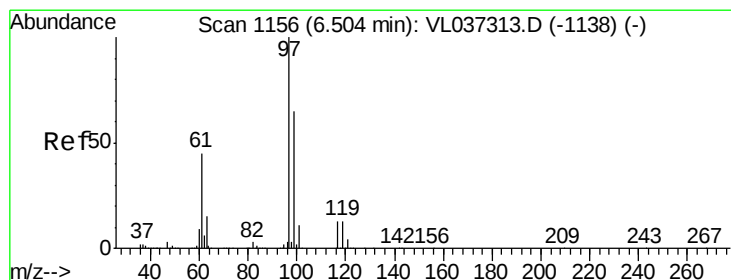
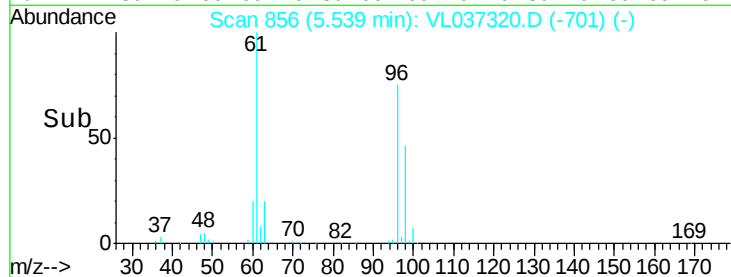
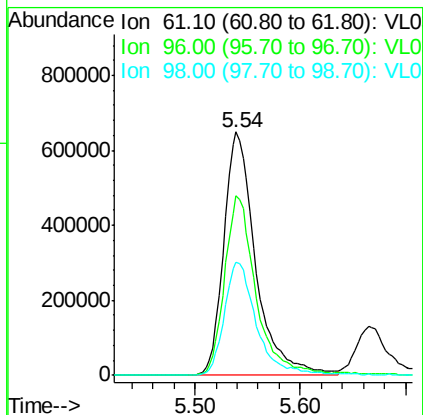
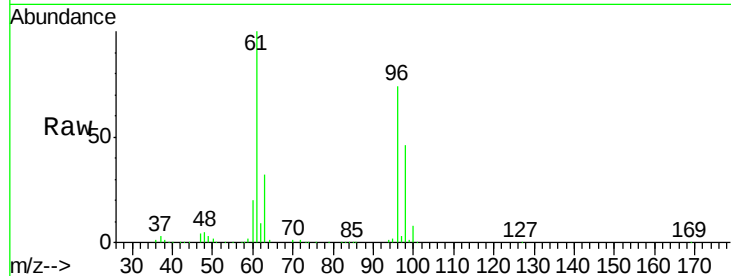
cis-1,2-Dichloroethene
Concen: 9.132 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Instrument :
MSVOA_L
ClientSampleId :
ICVVL080421

Tot Ion: 61 Resp: 1354809
Ion Ratio Lower Upper
61 100
96 73.5 57.4 86.0
98 46.4 36.3 54.5

Manual Integrations
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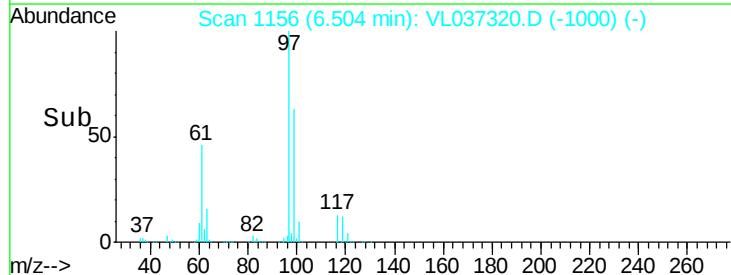
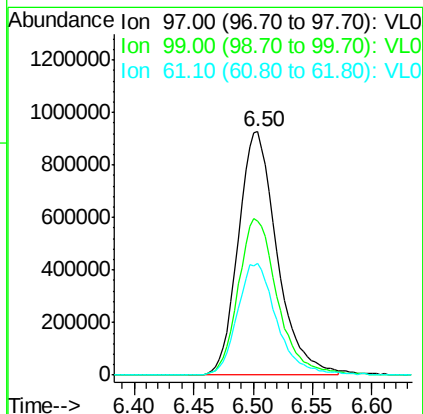
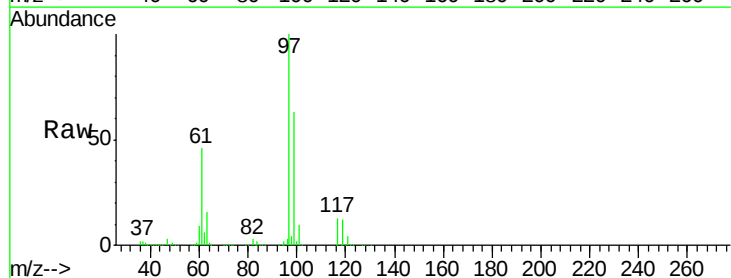
MMDadoda
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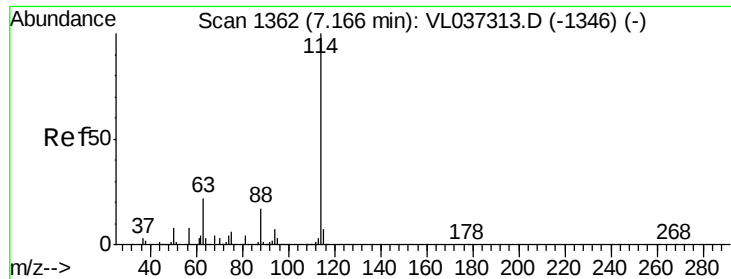


#32

1,1,1-Trichloroethane
Concen: 9.107 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion: 97 Resp: 2100434
Ion Ratio Lower Upper
97 100
99 65.2 52.3 78.5
61 46.4 37.2 55.8





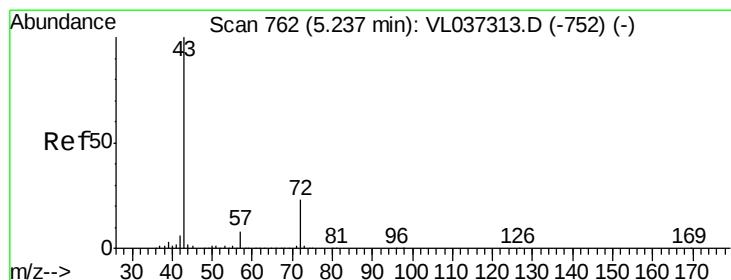
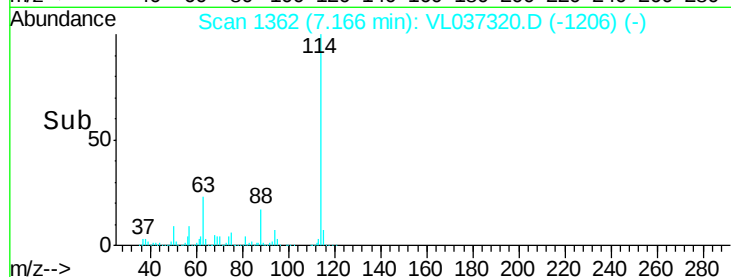
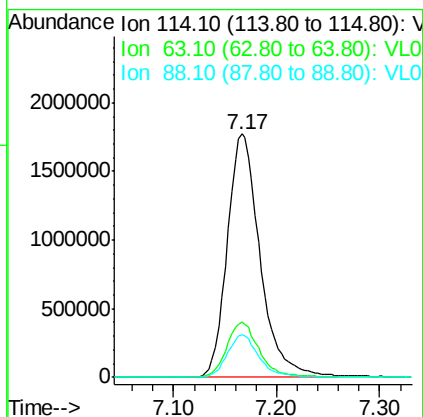
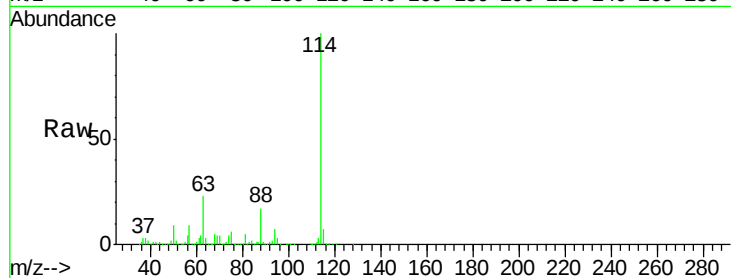
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL080421

Tot Ion:114 Resp: 3930150
 Ion Ratio Lower Upper
 114 100
 63 22.7 18.1 27.1
 88 17.0 13.8 20.8

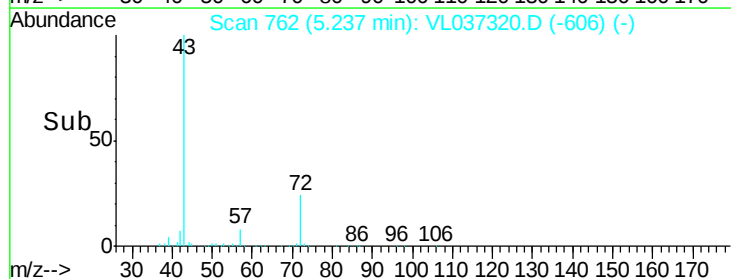
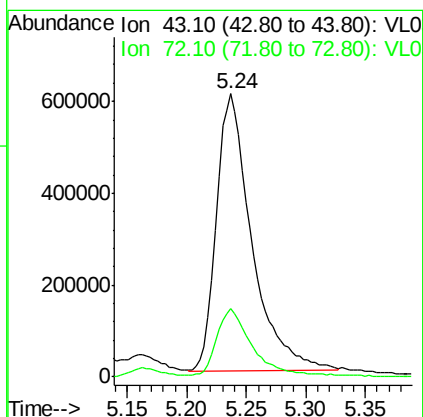
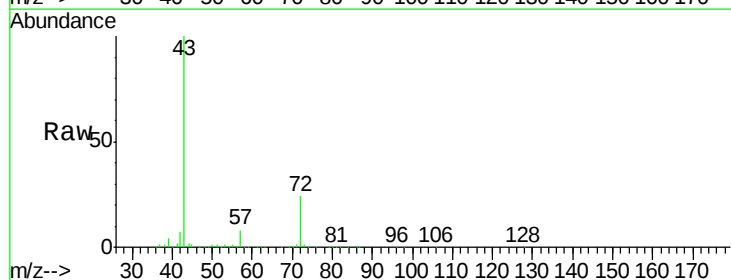
Manual Integrations
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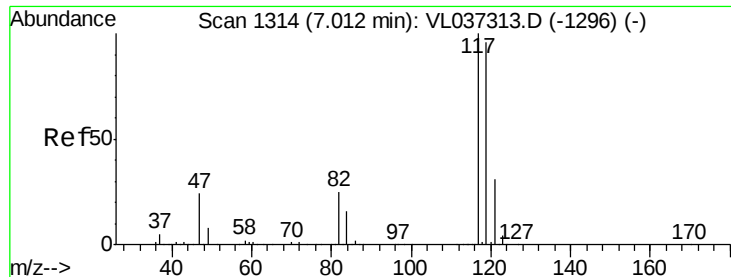
MMDadoda
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#34
 2-Butanone
 Concen: 9.197 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Tgt Ion: 43 Resp: 1254226
 Ion Ratio Lower Upper
 43 100
 72 25.1 20.3 30.5





#35

Carbon Tetrachloride

Concen: 9.517 ppbv

RT: 7.01 min Scan# 1313

Delta R.T. -0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion:117 Resp: 2232231

Ion Ratio Lower Upper

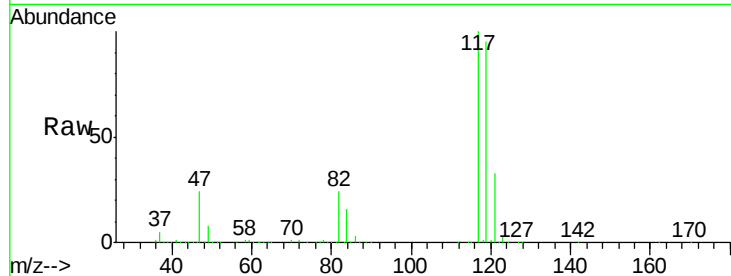
117 100

119 95.1 76.6 114.8

121 32.7 24.9 37.3

Manual Integrations
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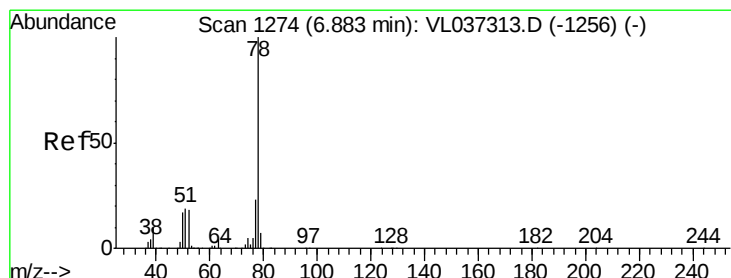
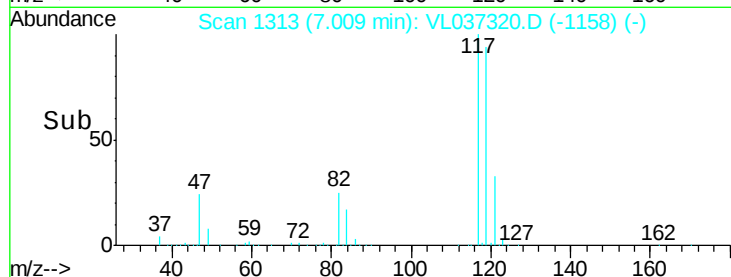
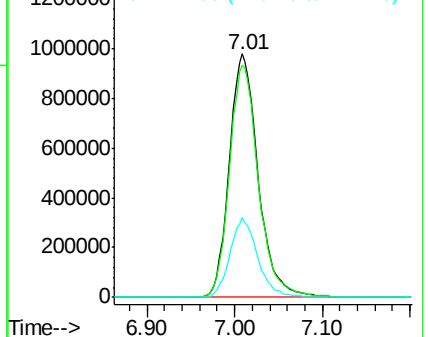
MMDadoda
8/5/2021 1:40:09 PM



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 8.487 ppbv

RT: 6.88 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

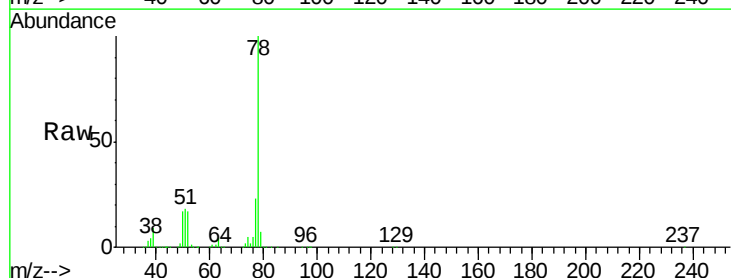
Tgt Ion: 78 Resp: 3001856

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1

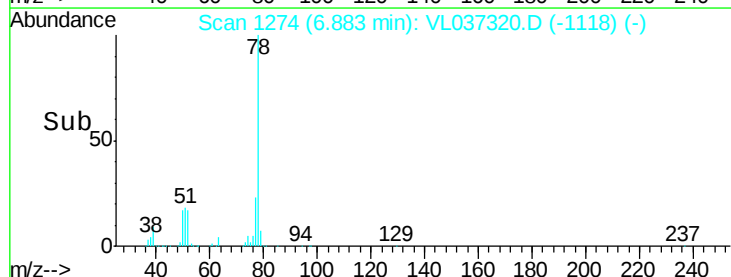
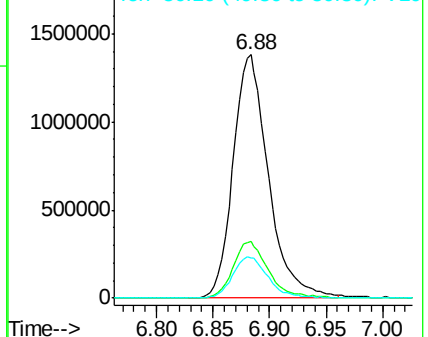
50 16.7 13.7 20.5

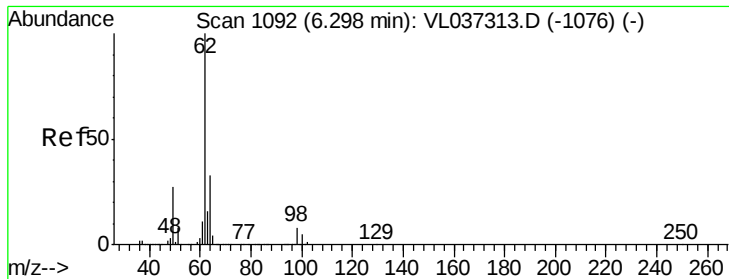


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





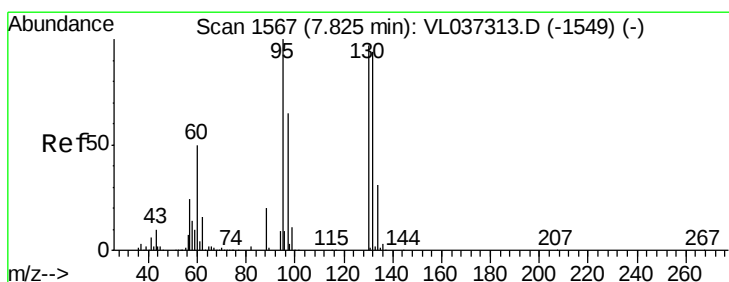
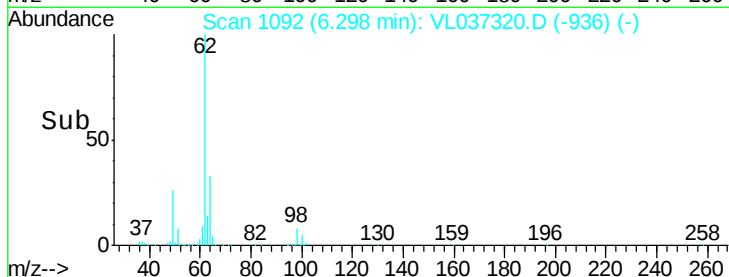
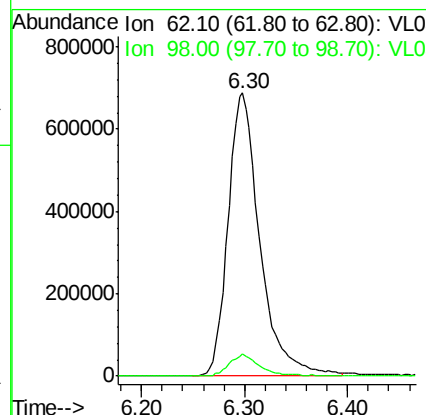
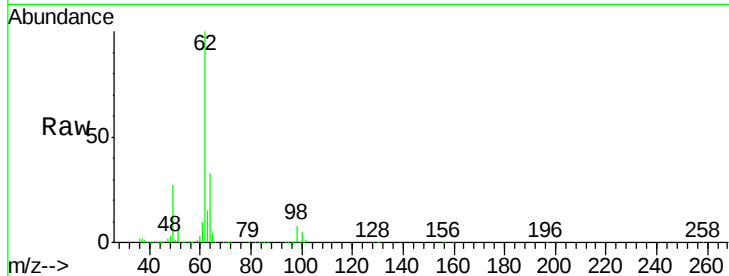
#37
 1,2-Dichloroethane
 Concen: 9.096 ppbv
 RT: 6.30 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL080421

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.3	9.5

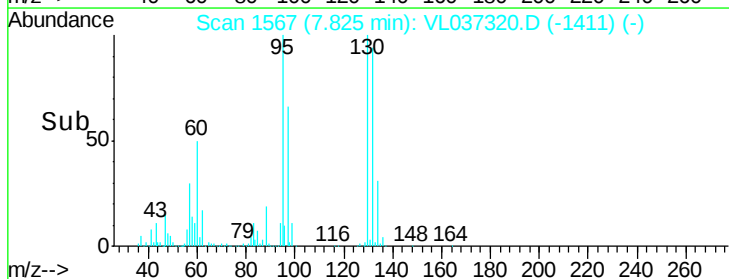
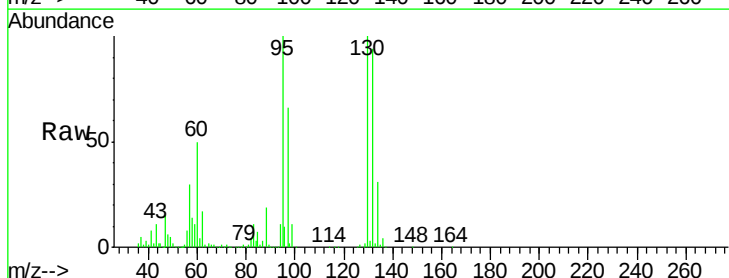
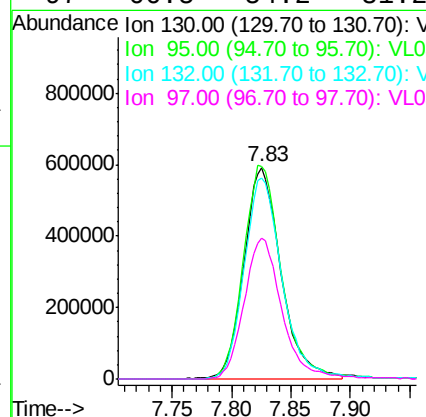
Manual Integrations
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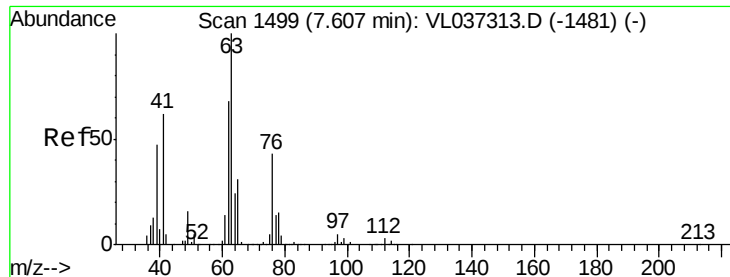
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#38
 Trichloroethene
 Concen: 8.201 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	82.8	124.2
132	95.1	78.2	117.4
97	66.5	54.2	81.2





#39
 1,2-Dichloropropane
 Concen: 8.549 ppbv
 RT: 7.60 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

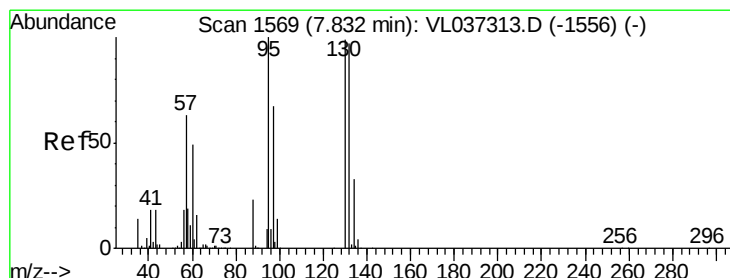
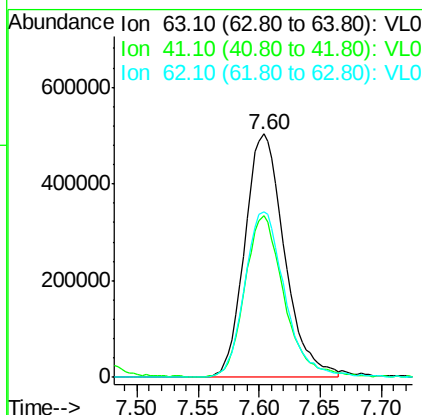
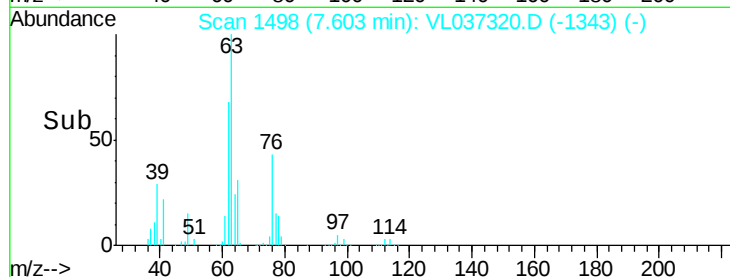
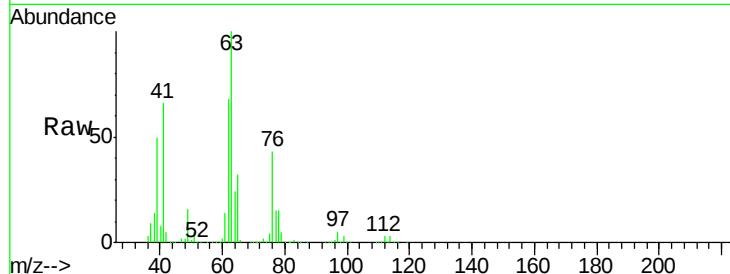
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL080421

Tot Ion: 63 Resp: 1125924

Ion	Ratio	Lower	Upper
63	100		
41	66.4	49.2	73.8
62	68.1	54.2	81.4

Manual Integrations
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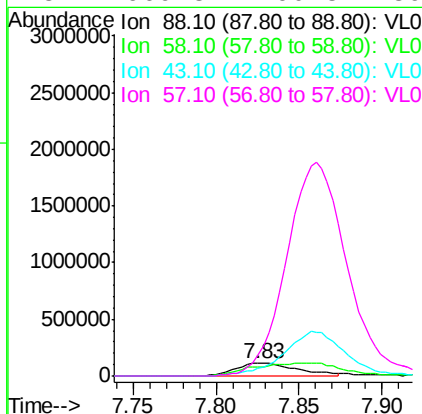
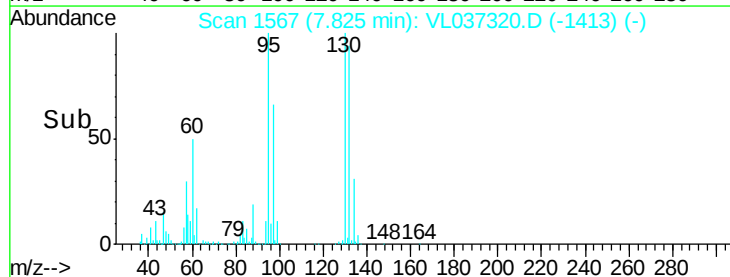
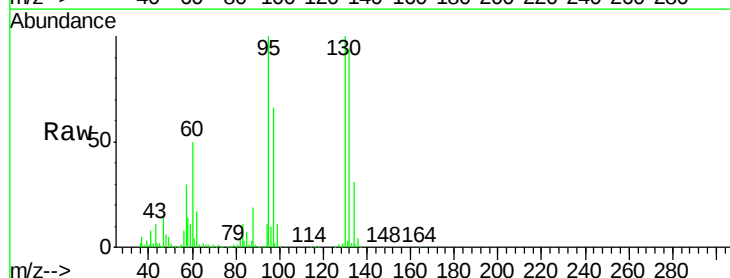
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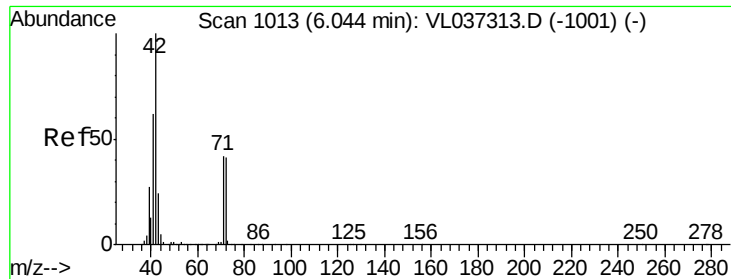


#40
 1,4-Dioxane
 Concen: 7.640 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Tgt Ion: 88 Resp: 289464

Ion	Ratio	Lower	Upper
88	100		
58	155.7	117.5	176.3
43	356.4	271.0	406.4
57	1669.8	1260.8	1891.2





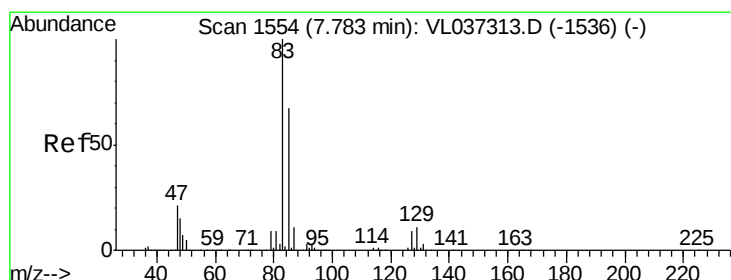
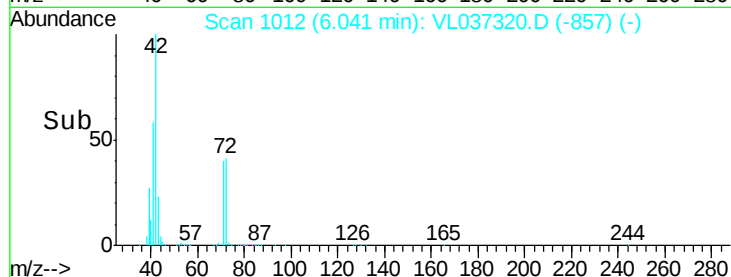
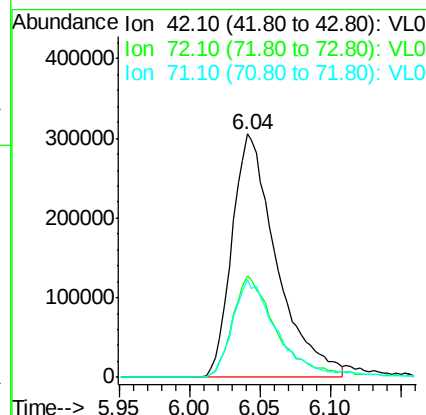
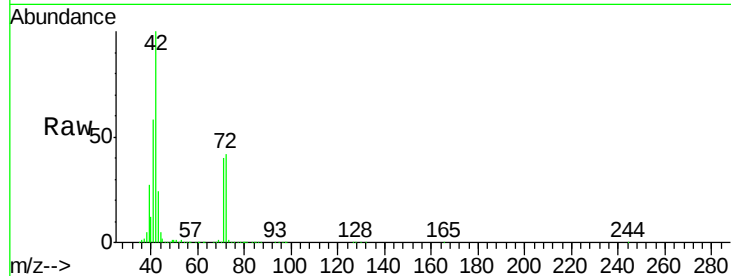
#41
Tetrahydrofuran
Concen: 8.889 ppbv
RT: 6.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Instrument :
MSVOA_L
ClientSampleId :
ICVVL080421

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.6	50.4
71	41.5	33.0	49.4

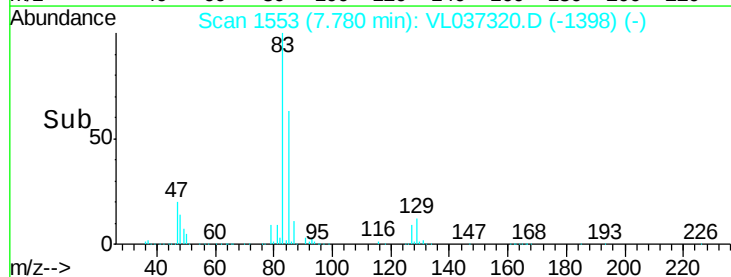
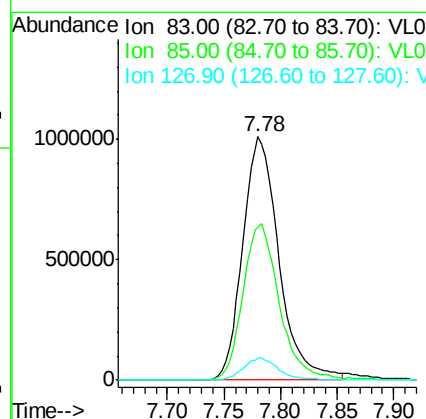
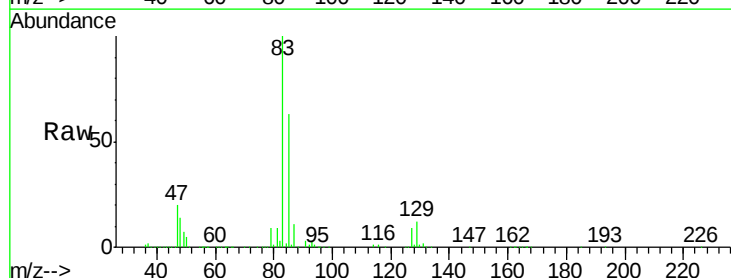
Manual Integrations
APPROVED

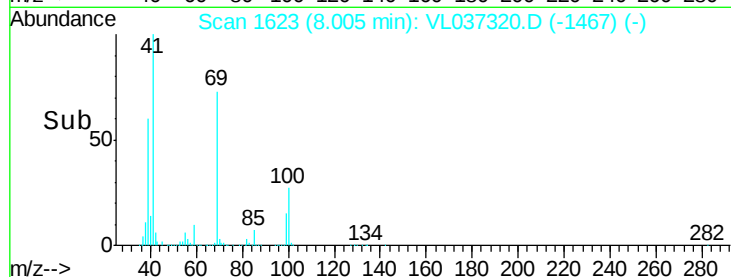
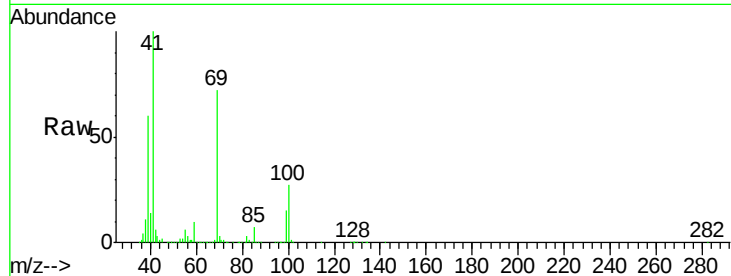
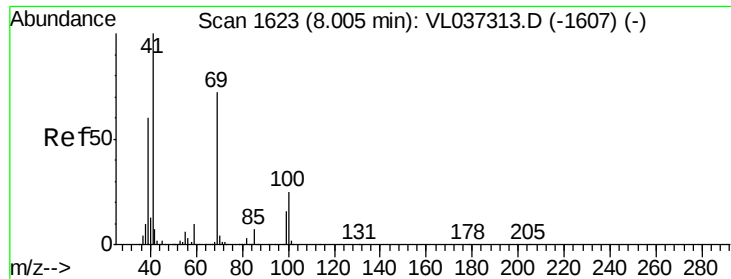
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#42
Bromodichloromethane
Concen: 9.225 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	53.5	80.3
127	9.1	7.1	10.7





#43

Methvl Methacrilate

Concen: 9.068 ppbv

RT: 8.01 min Scan# 1623

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

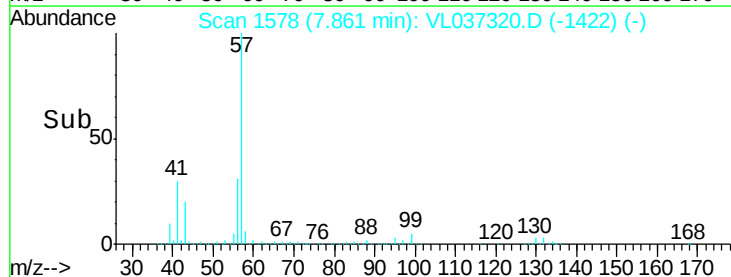
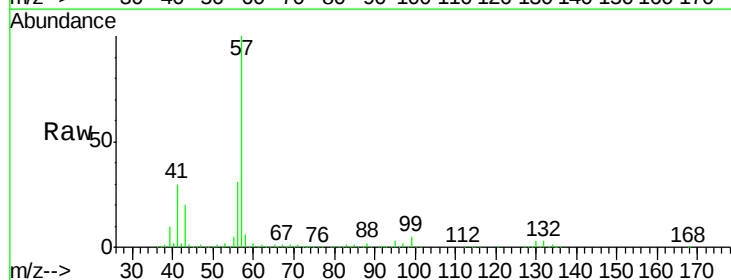
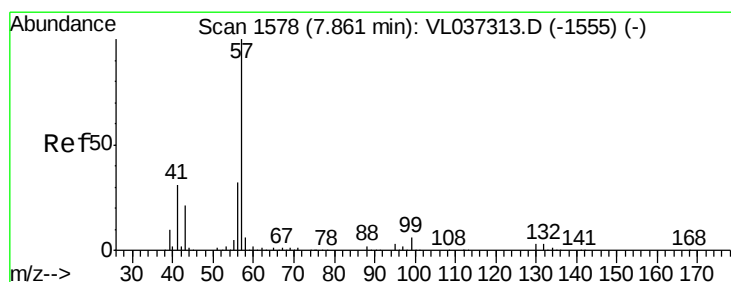
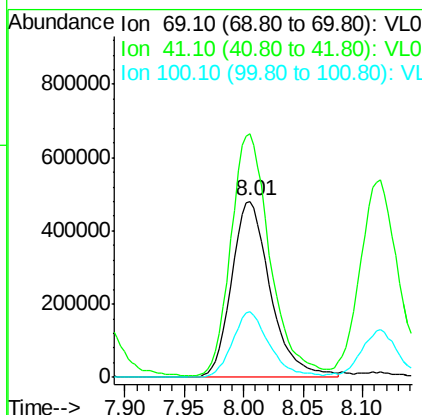
Tot Ion: 69 Resp: 1088320

Ion	Ratio	Lower	Upper
69	100		
41	139.8	114.6	172.0
100	36.1	29.4	44.2

Instrument :
MSVOA_L
ClientSampleId :
ICVVL080421

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#44

2,2,4-Trimethylpentane

Concen: 8.244 ppbv

RT: 7.86 min Scan# 1578

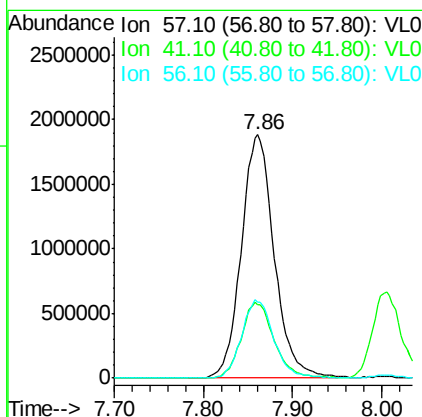
Delta R.T. 0.00 min

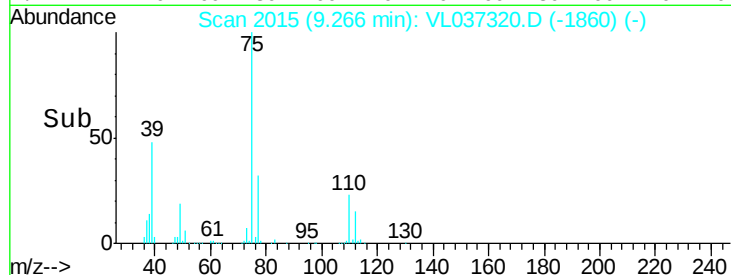
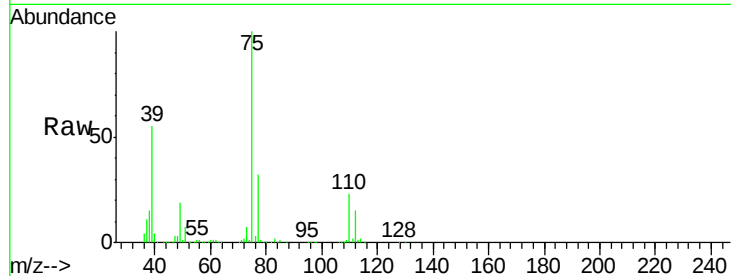
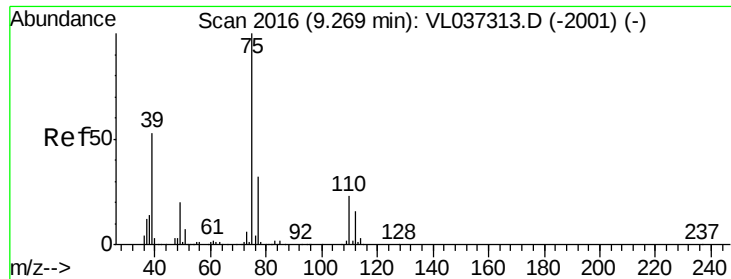
Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Tgt Ion: 57 Resp: 4819901

Ion	Ratio	Lower	Upper
57	100		
41	30.9	24.3	36.5
56	31.5	25.0	37.6





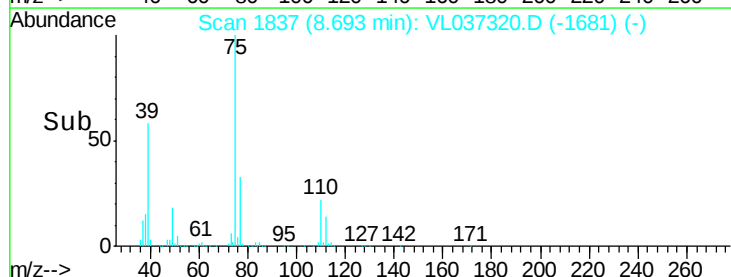
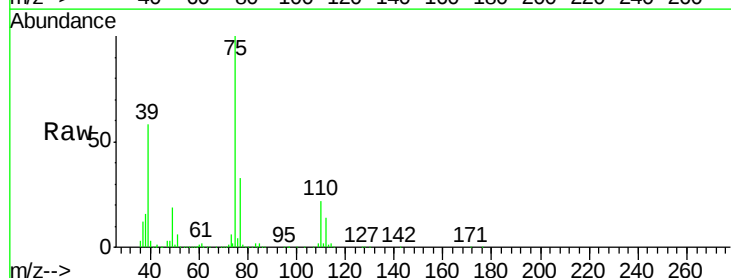
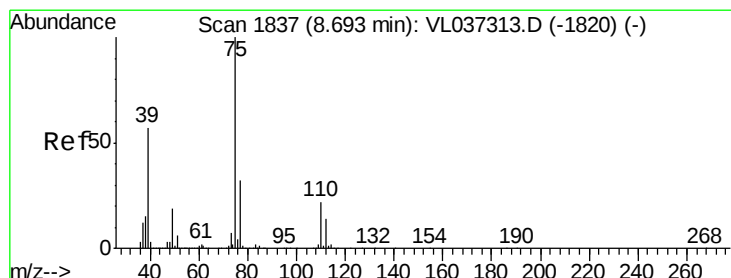
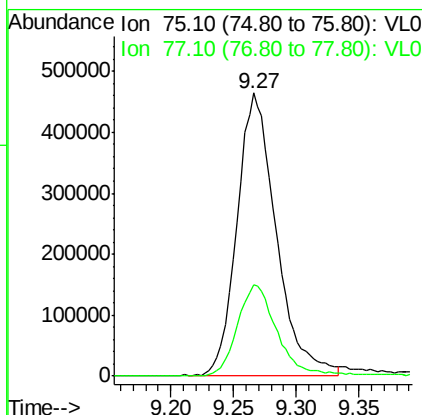
#45
t-1,3-Dichloropropene
Concen: 10.620 ppbv
RT: 9.27 min Scan# 2015
Delta R.T. -0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tot Ion: 75 Resp: 1006598
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5

Instrument :
MSVOA_L
ClientSampleId :
ICVVL080421

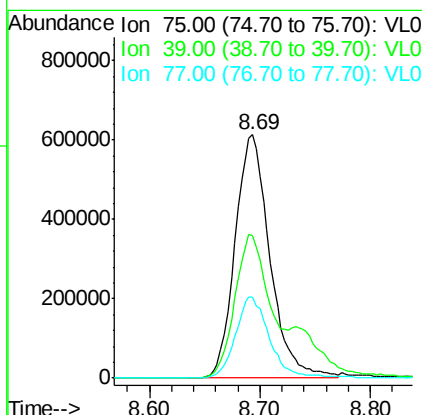
Manual Integrations
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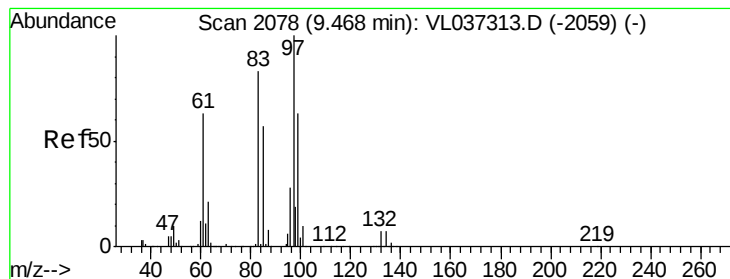
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 9.827 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion: 75 Resp: 1341043
Ion Ratio Lower Upper
75 100
39 58.3 45.6 68.4
77 33.4 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 8.687 ppbv

RT: 9.46 min Scan# 2076

Delta R.T. -0.01 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion: 97 Resp: 1216422

Ion Ratio Lower Upper

97 100

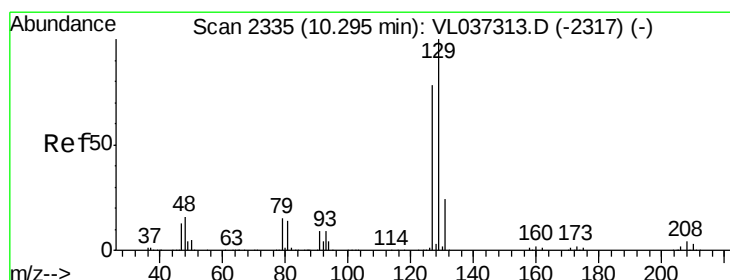
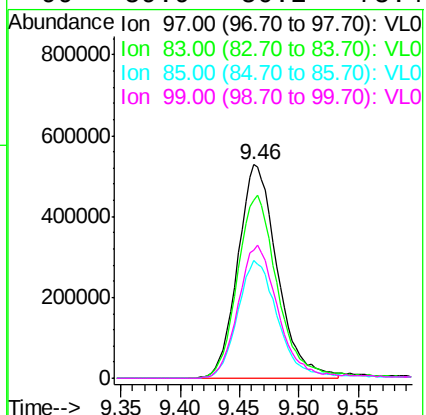
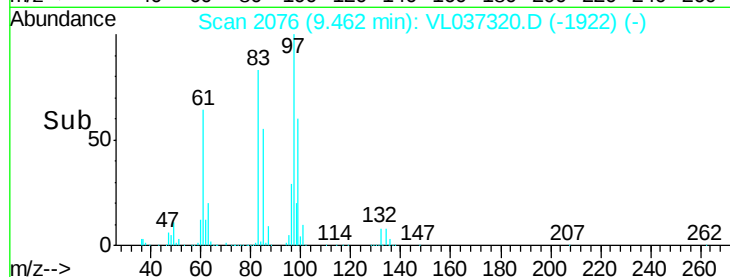
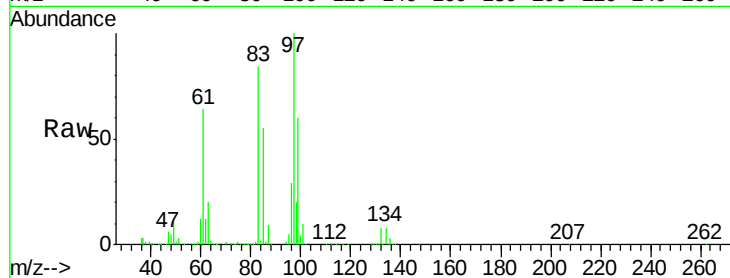
83 83.5 66.0 99.0

85 55.1 45.7 68.5

99 59.9 50.2 75.4

Manual Integrations
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#48

Dibromochloromethane

Concen: 9.635 ppbv

RT: 10.29 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VL037320.D

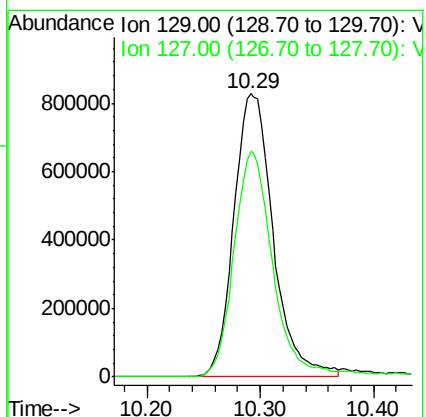
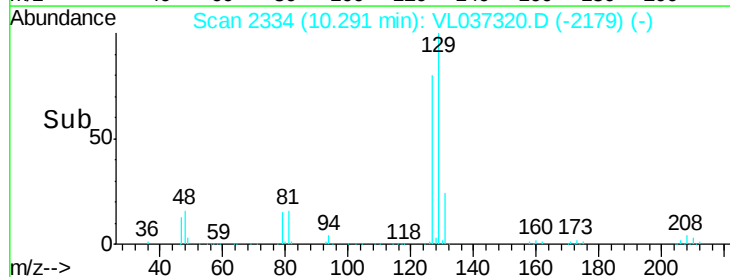
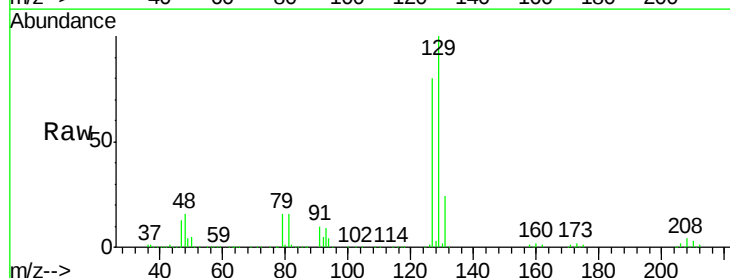
Acq: 4 Aug 2021 22:36

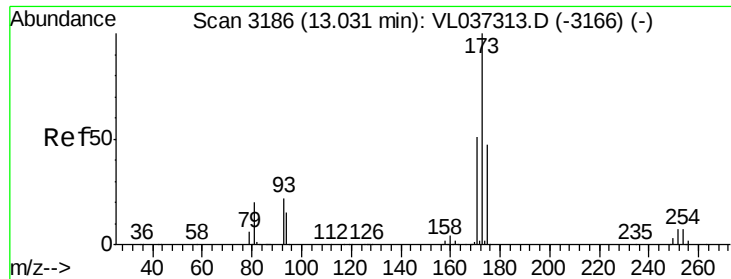
Tgt Ion: 129 Resp: 1999464

Ion Ratio Lower Upper

129 100

127 81.7 40.9 122.7





#49

Bromoform

Concen: 9.793 ppbv

RT: 13.03 min Scan# 3185

Delta R.T. -0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion:173 Resp: 1523823

Ion Ratio Lower Upper

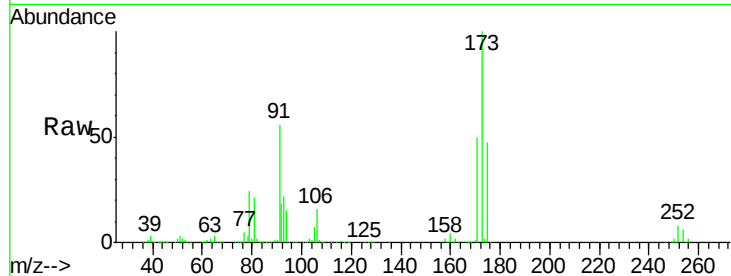
173 100

175 54.0 42.3 63.5

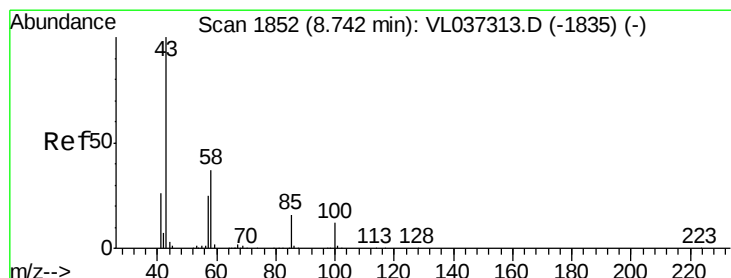
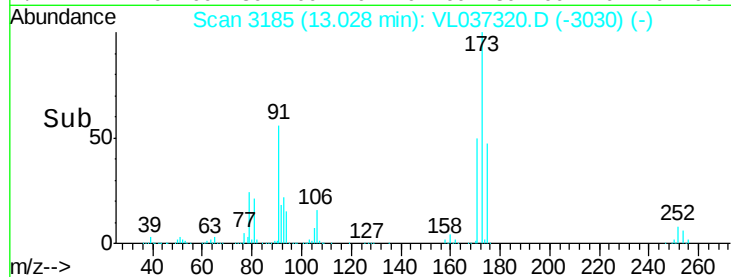
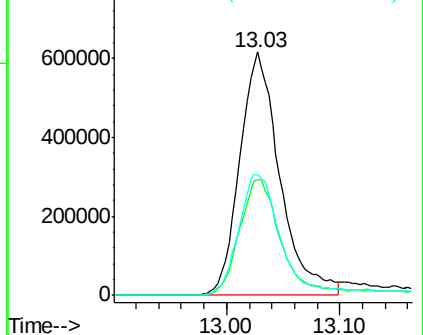
171 56.7 44.9 67.3

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



#50

4-Methyl-2-Pentanone

Concen: 8.938 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VL037320.D

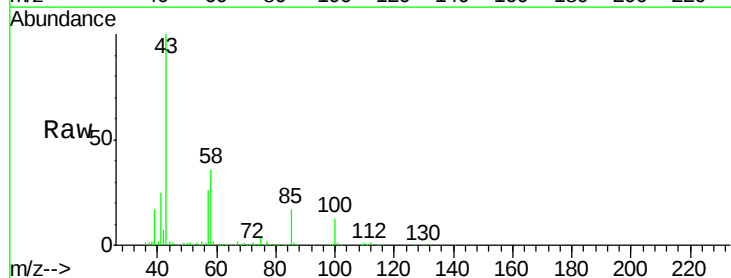
Acq: 4 Aug 2021 22:36

Tgt Ion: 43 Resp: 1866542

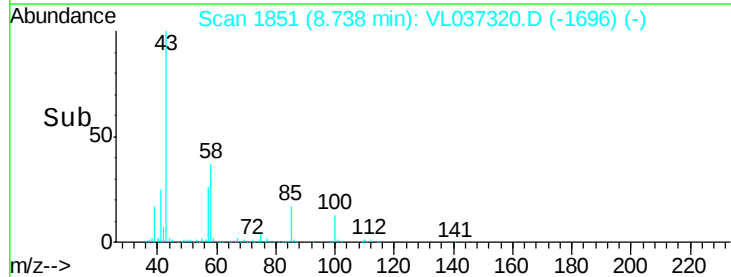
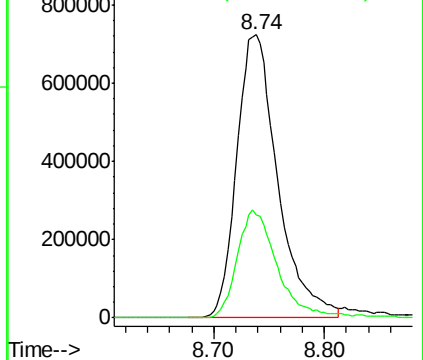
Ion Ratio Lower Upper

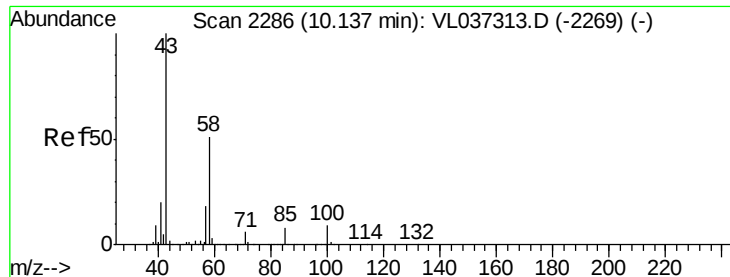
43 100

58 38.4 31.0 46.4



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





#51

2-Hexanone

Concen: 9.690 ppbv

RT: 10.13 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion: 43 Resp: 920075

Ion Ratio Lower Upper

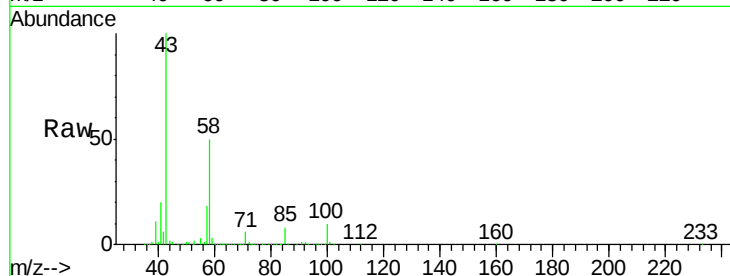
43 100

58 52.9 40.9 61.3

98 0.2 0.1 0.1#

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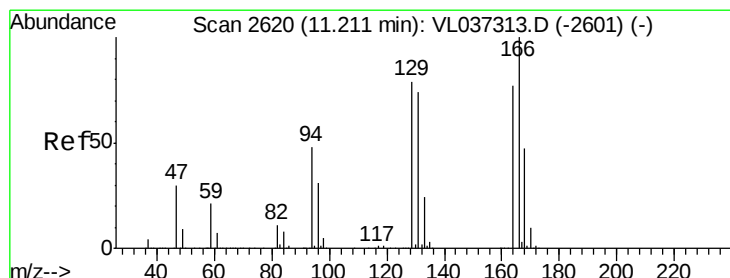
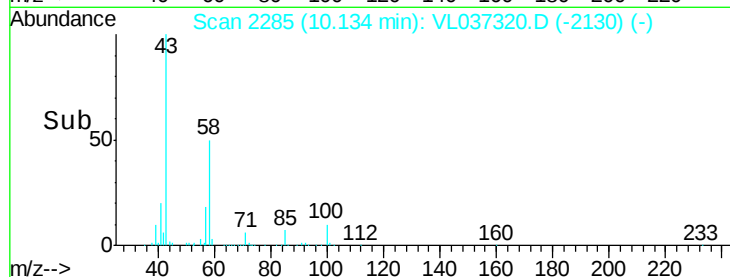
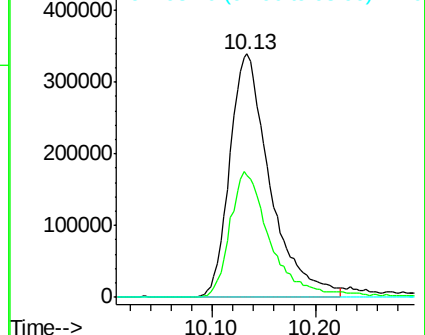
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 8.083 ppbv

RT: 11.21 min Scan# 2621

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Tgt Ion:164 Resp: 1231394

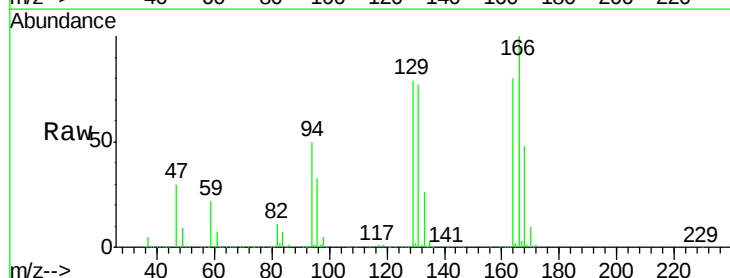
Ion Ratio Lower Upper

164 100

166 125.5 103.4 155.2

129 99.4 82.2 123.2

131 96.2 76.6 114.8

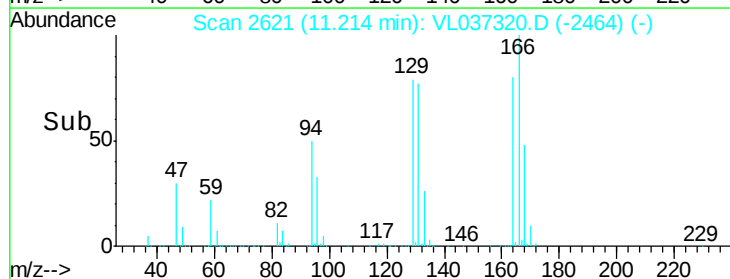
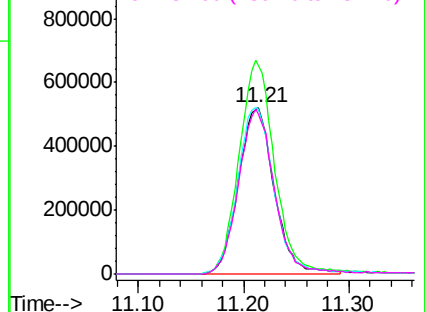


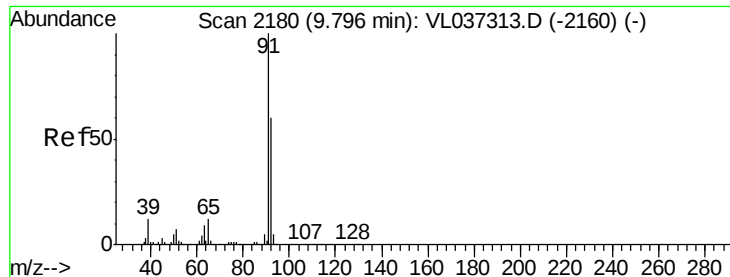
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 8.431 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion: 91 Resp: 3520180

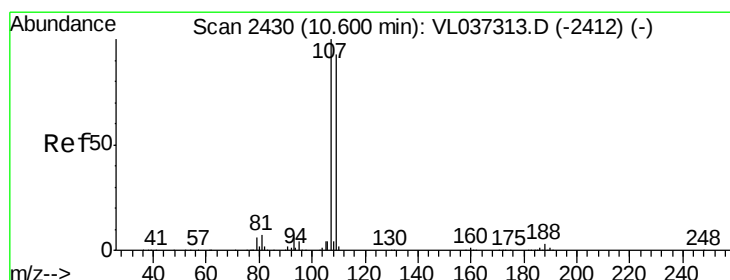
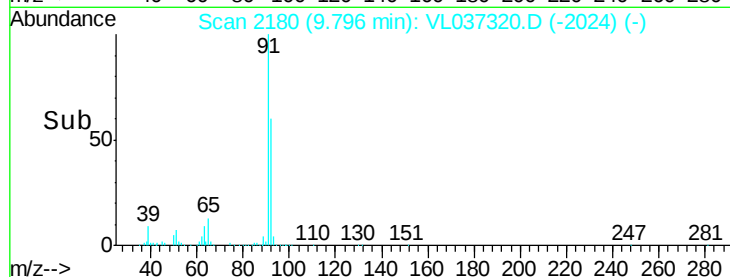
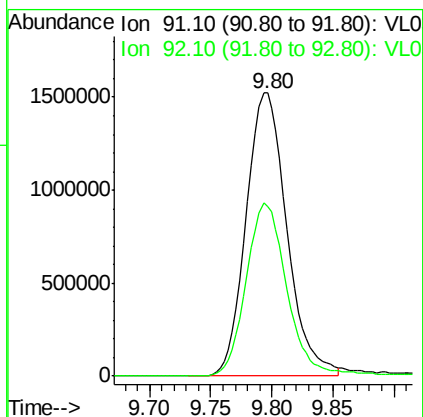
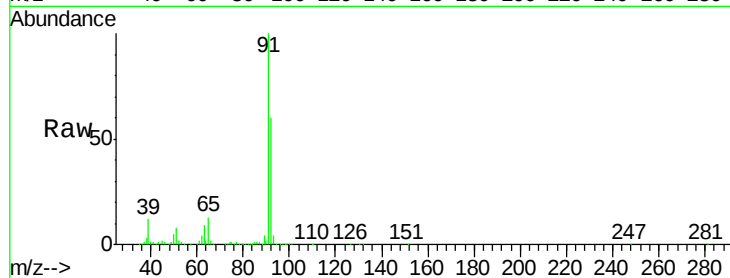
Ion Ratio Lower Upper

91 100

92 62.5 48.8 73.2

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#54

1,2-Dibromoethane

Concen: 9.091 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VL037320.D

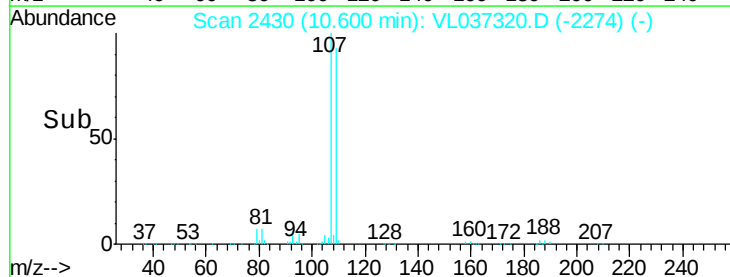
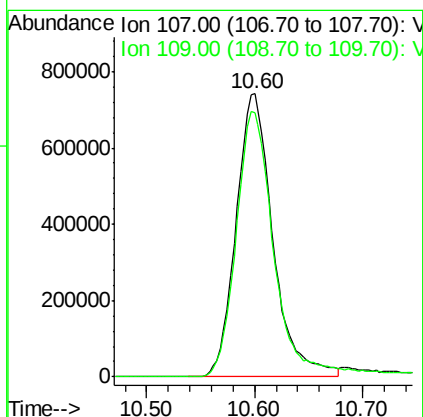
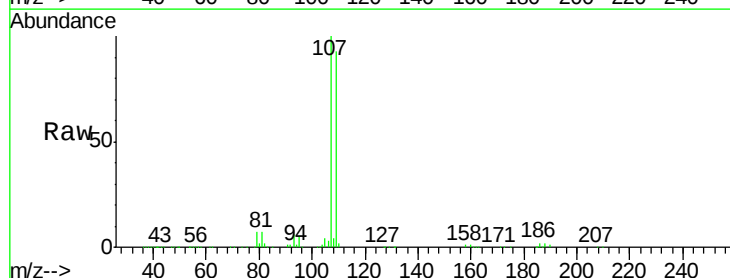
Acq: 4 Aug 2021 22:36

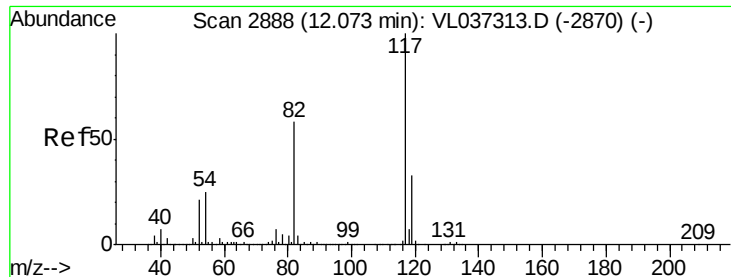
Tgt Ion: 107 Resp: 1767886

Ion Ratio Lower Upper

107 100

109 93.4 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.07 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion:117 Resp: 3355803

Ion Ratio Lower Upper

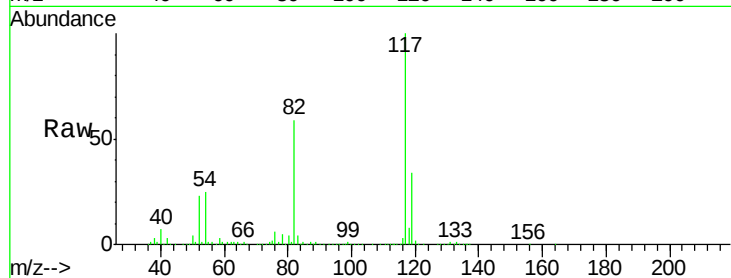
117 100

82 66.4 50.3 75.5

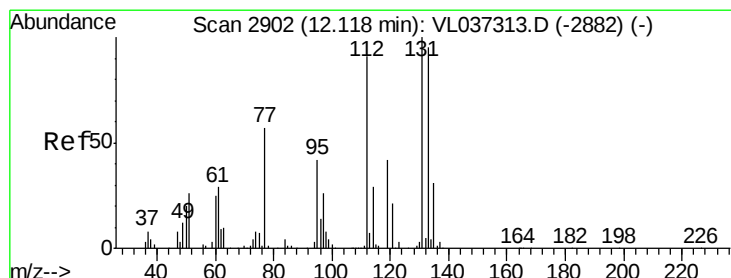
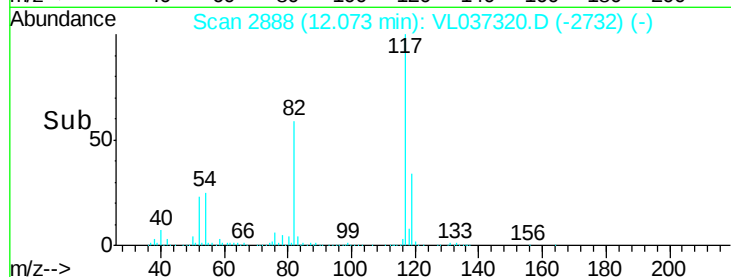
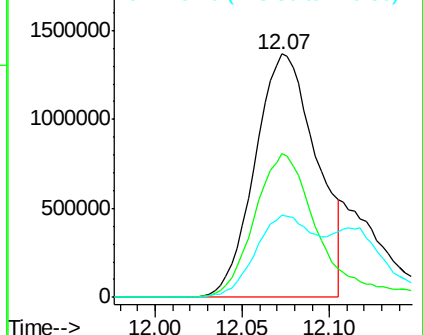
119 63.4 48.2 72.2

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Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 9.164 ppbv

RT: 12.11 min Scan# 2900

Delta R.T. -0.01 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

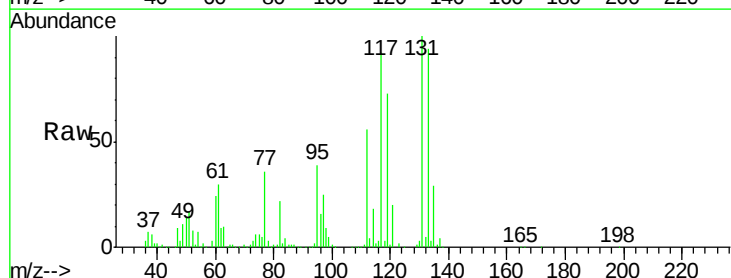
Tgt Ion:131 Resp: 1327629

Ion Ratio Lower Upper

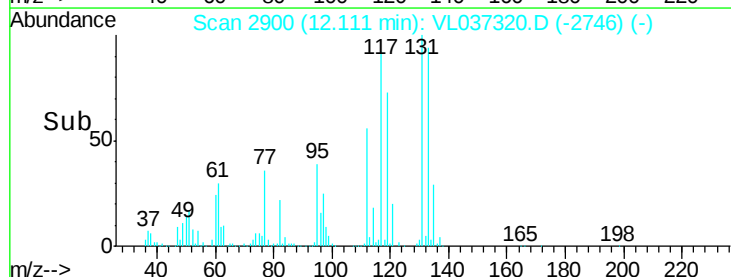
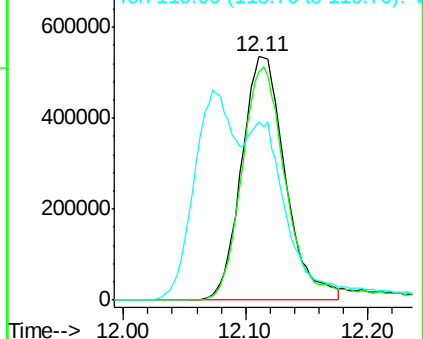
131 100

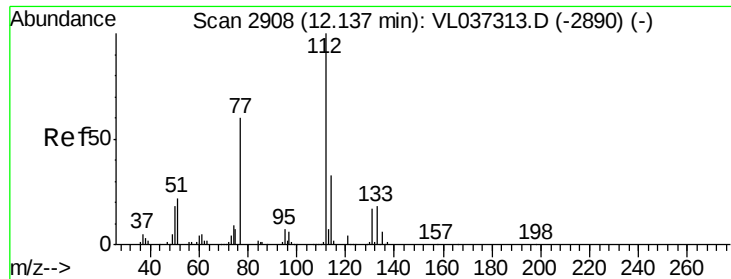
133 103.8 83.0 124.4

119 74.7 130.4 195.6#



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V





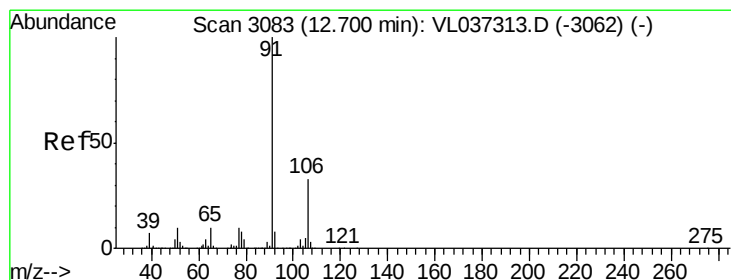
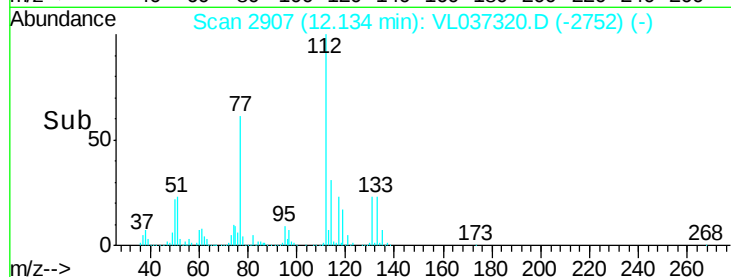
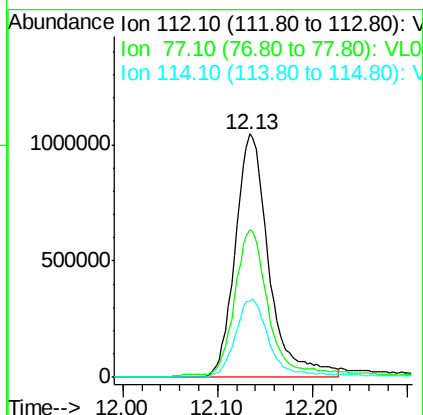
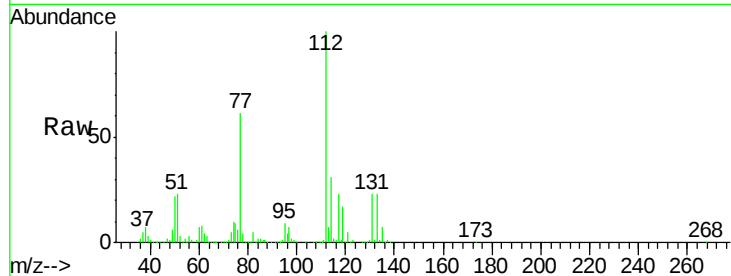
#57
Chlorobenzene
Concen: 9.135 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Instrument :
MSVOA_L
ClientSampleId :
ICVVL080421

Tot Ion:112 Resp: 2588207
Ion Ratio Lower Upper
112 100
77 59.7 47.8 71.6
114 31.5 29.8 36.4

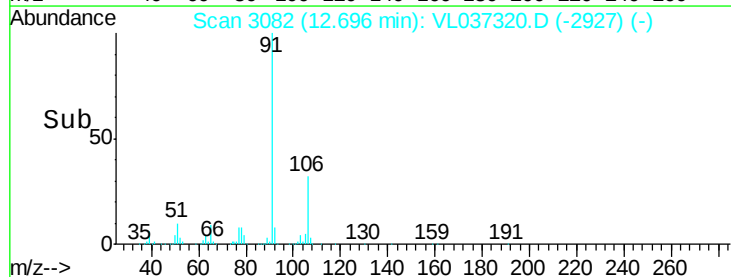
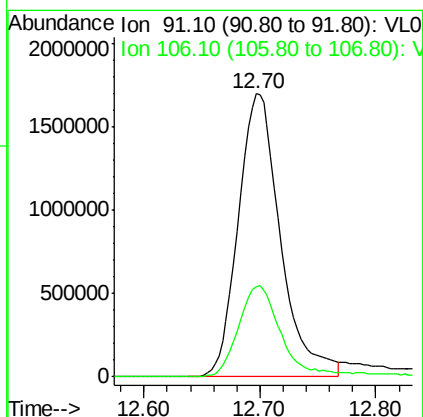
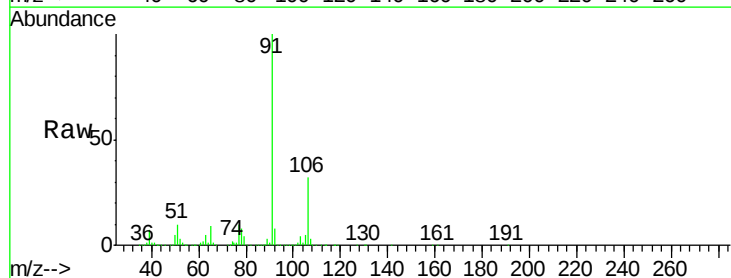
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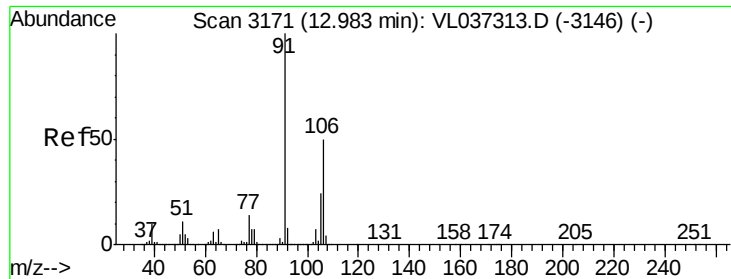
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#58
Ethyl Benzene
Concen: 8.751 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion: 91 Resp: 4313840
Ion Ratio Lower Upper
91 100
106 31.6 26.2 39.2





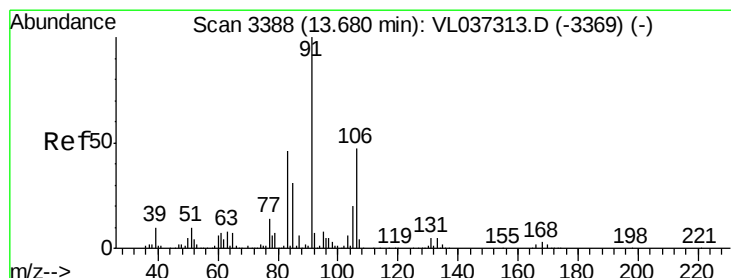
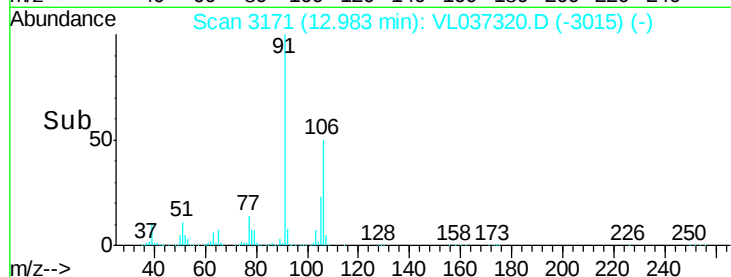
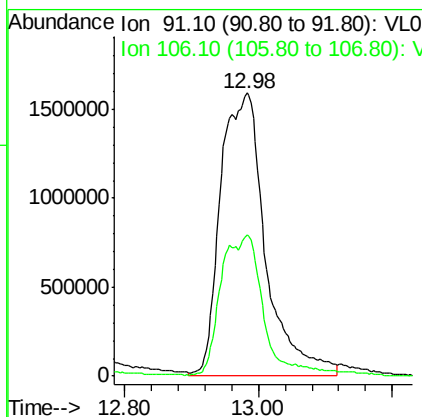
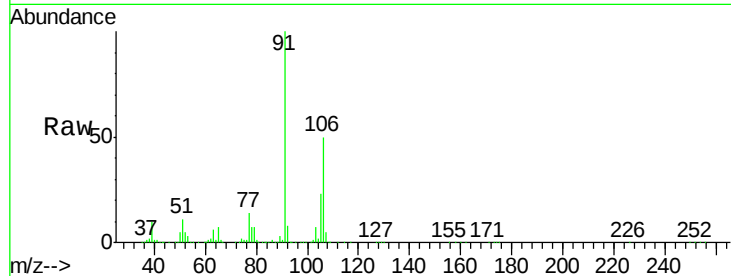
#59
m/p-Xylene
Concen: 17.984 ppbv m
RT: 12.98 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Instrument :
MSVOA_L
ClientSampleId :
ICVVL080421

Tot Ion: 91 Resp: 7466869
Ion Ratio Lower Upper
91 100
106 47.9 37.8 56.8

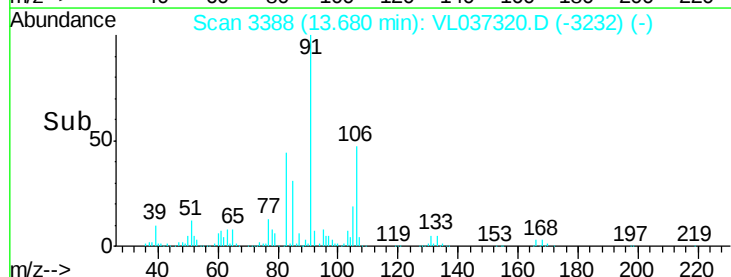
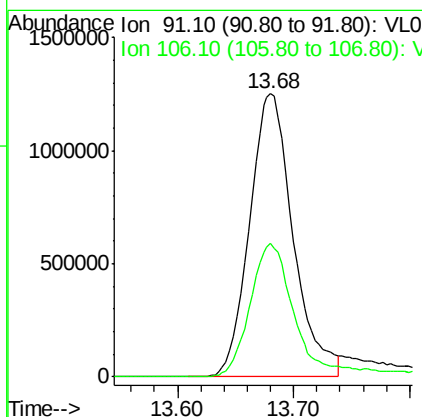
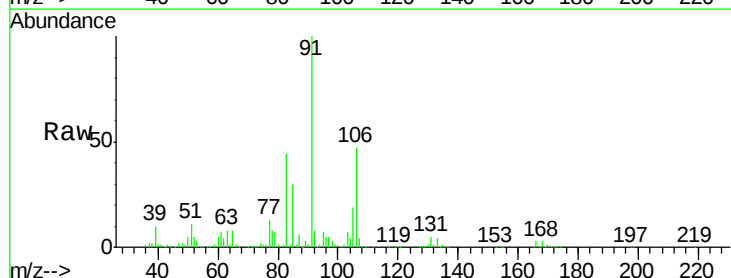
Manual Integrations
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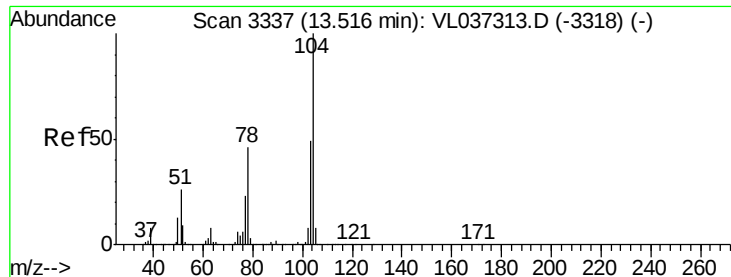
MMDadoda
8/5/2021 1:40:09 PM



#60
o-Xylene
Concen: 8.617 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion: 91 Resp: 3251300
Ion Ratio Lower Upper
91 100
106 51.2 26.3 78.8





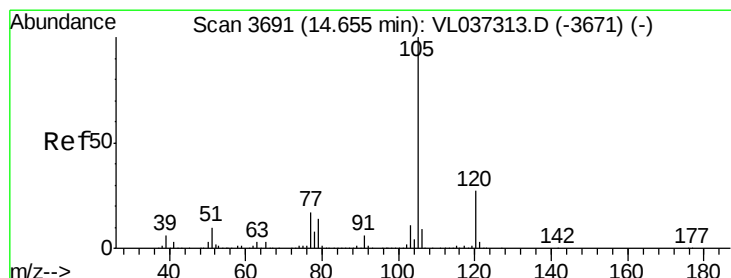
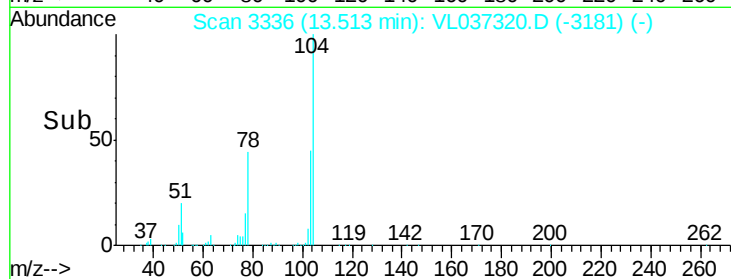
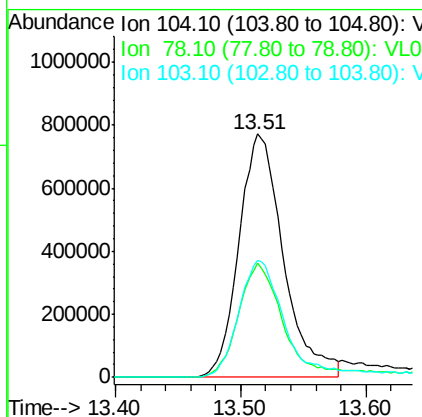
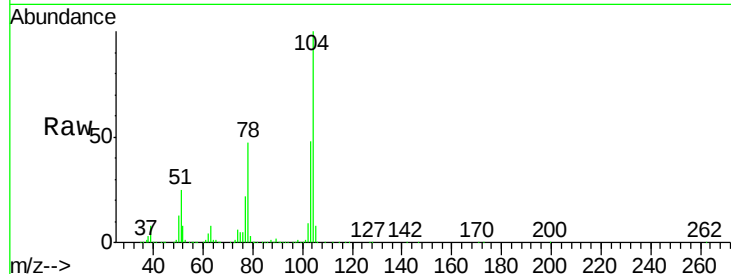
#61
Stvrene
Concen: 9.213 ppbv
RT: 13.51 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Instrument :
MSVOA_L
ClientSampled :
ICVVL080421

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.3	58.9
103	50.3	40.6	60.8

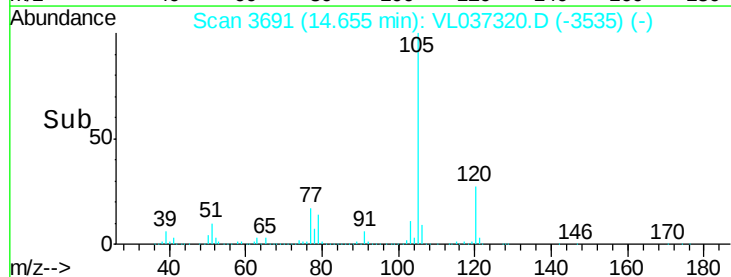
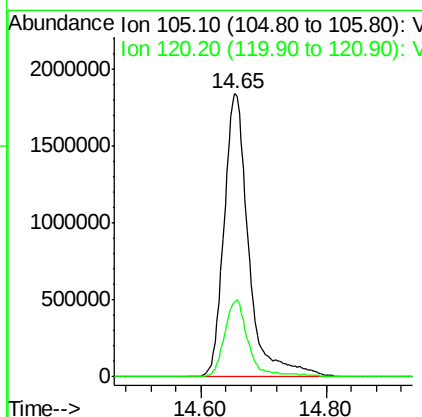
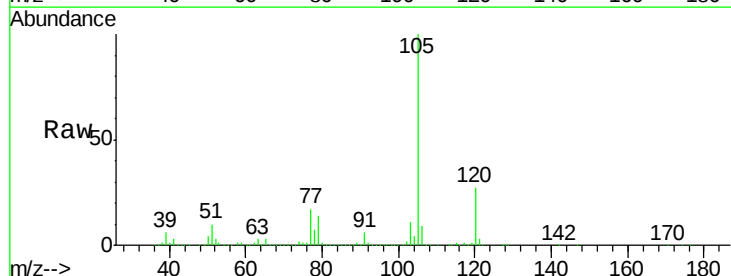
Manual Integrations
APPROVED

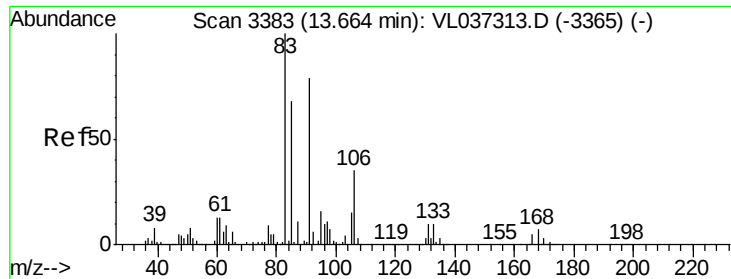
MMDadoda
8/5/2021 1:40:09 PM



#62
Isopropylbenzene
Concen: 9.190 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. 0.00 min
Lab File: VL037320.D
Acq: 4 Aug 2021 22:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	23.0	34.6





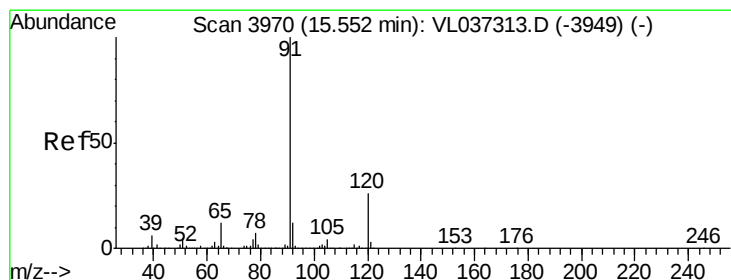
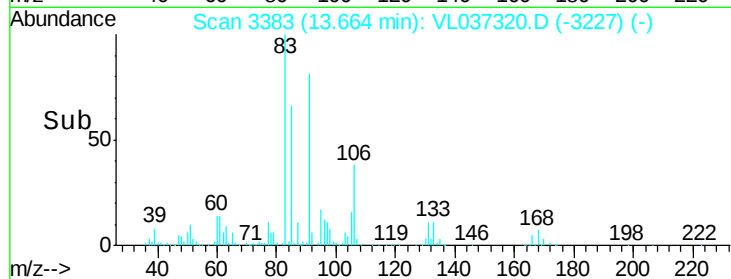
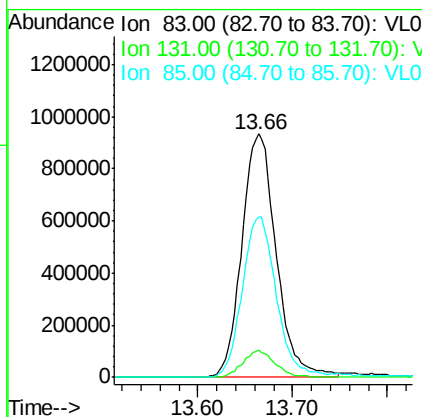
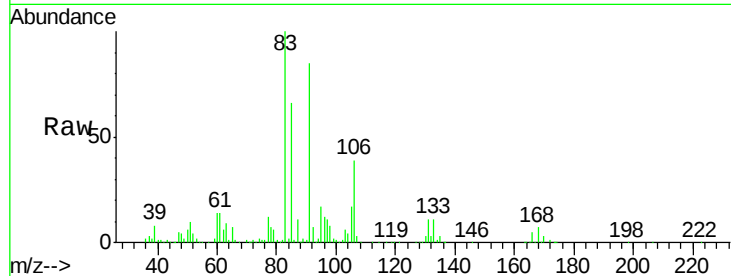
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.594 ppbv
 RT: 13.66 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL080421

Tot Ion	83	Resp	2354603
Ion Ratio	100	Lower	Upper
83	100		
131	10.9	5.1	15.4
85	67.0	33.5	100.4

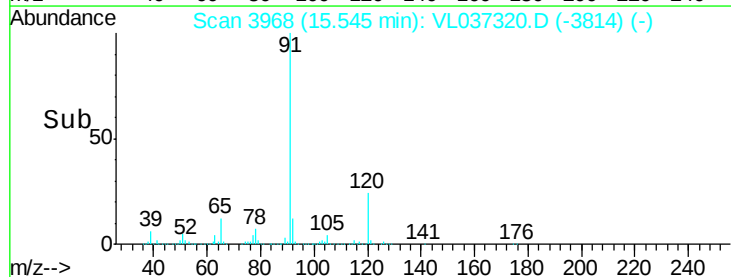
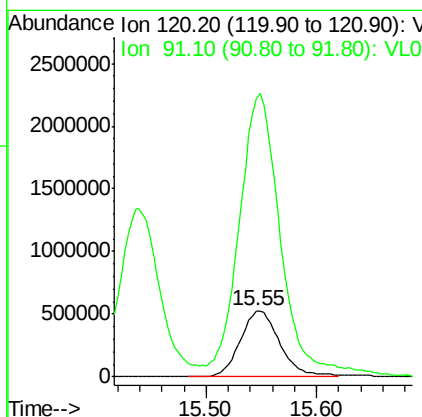
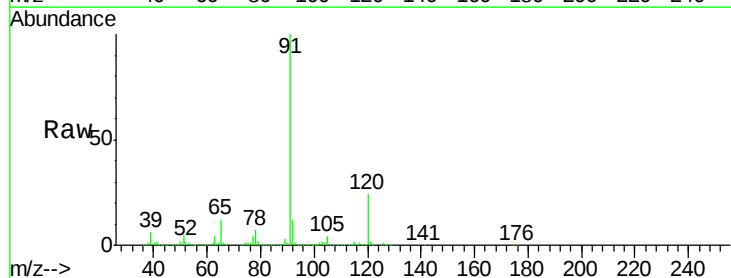
Manual Integrations
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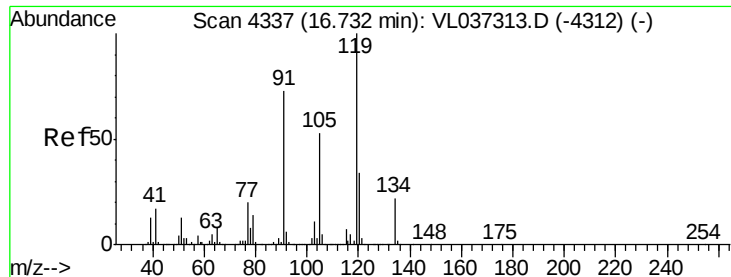
MMDadoda
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#64
 n-propylbenzene
 Concen: 9.138 ppbv
 RT: 15.55 min Scan# 3968
 Delta R.T. -0.01 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Tgt Ion	120	Resp	1309213
Ion Ratio	100	Lower	Upper
120	100		
91	451.3	361.0	541.4





#65

tert-Butylbenzene

Concen: 8.818 ppbv

RT: 16.73 min Scan# 4337

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion:119 Resp: 4455870

Ion Ratio Lower Upper

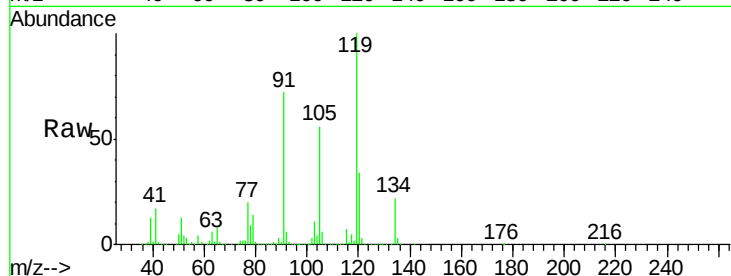
119 100

91 73.3 58.6 88.0

134 20.6 16.5 24.7

Manual Integrations
APPROVED

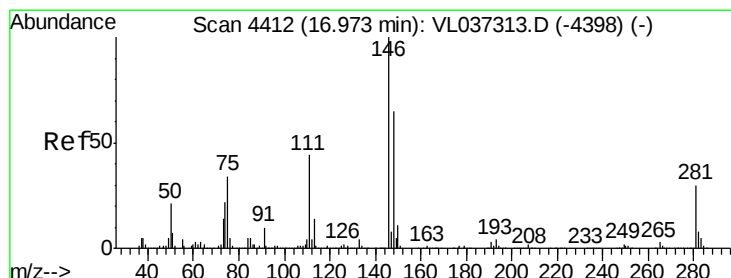
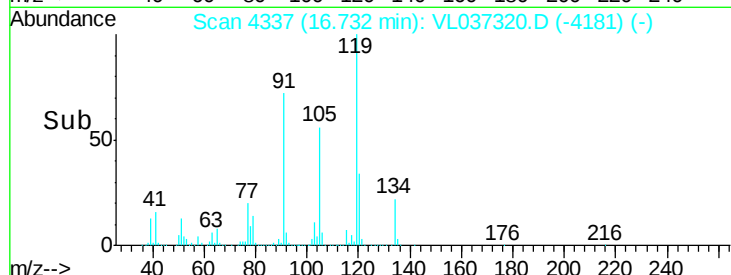
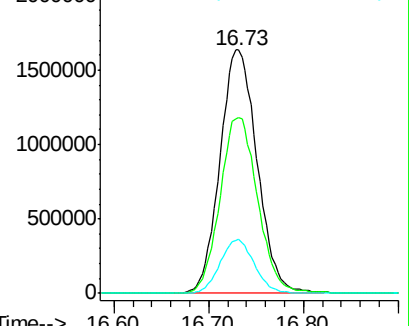
MMDadoda
8/5/2021 1:40:09 PM



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 11.242 ppbv

RT: 16.97 min Scan# 4412

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

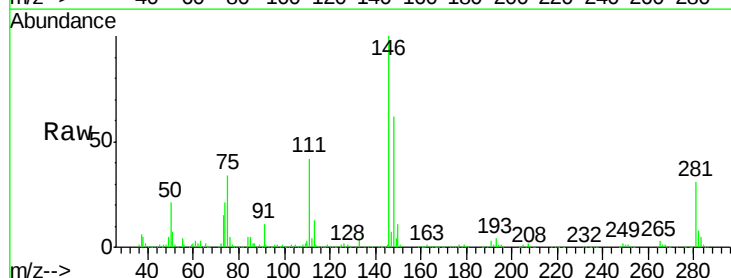
Tgt Ion: 91 Resp: 220798

Ion Ratio Lower Upper

91 100

126 21.3 17.8 26.6

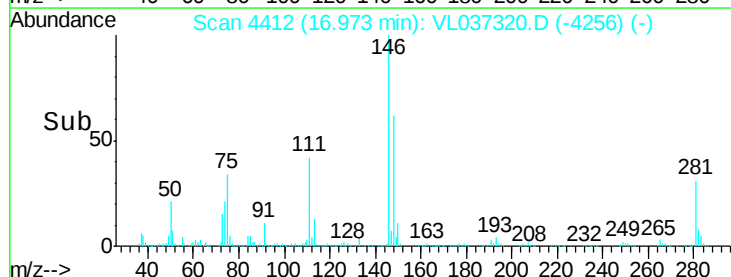
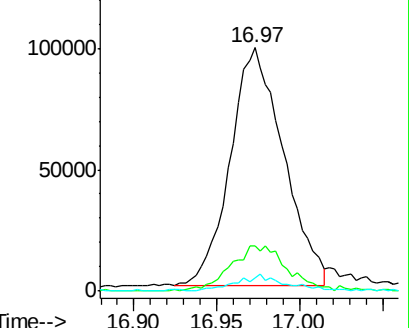
128 5.9 5.8 8.6

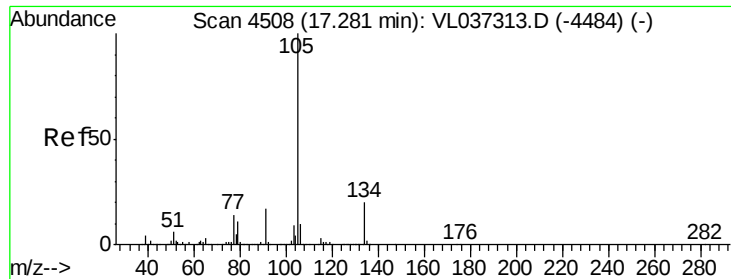


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 8.884 ppbv

RT: 17.28 min Scan# 4508

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion: 105 Resp: 6054311

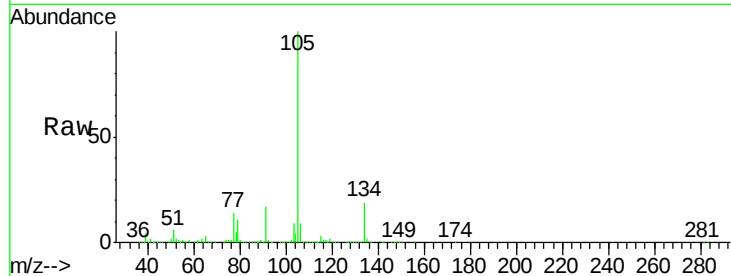
Ion Ratio Lower Upper

105 100

134 19.6 15.4 23.2

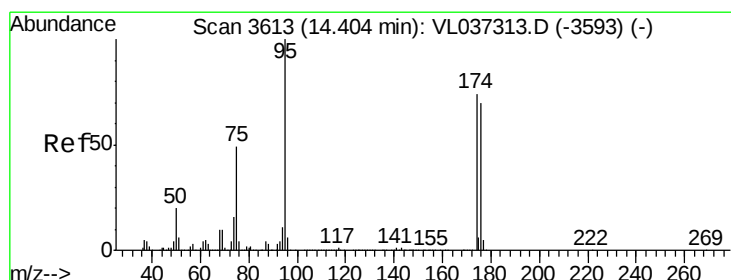
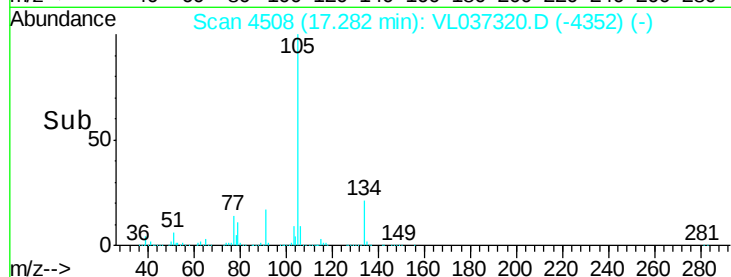
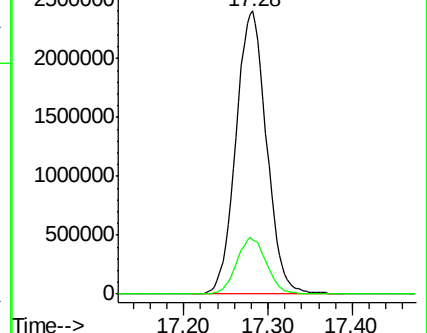
Manual Integrations
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.565 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

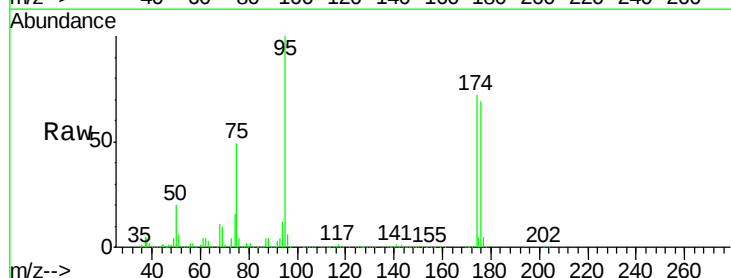
Tgt Ion: 95 Resp: 2421835

Ion Ratio Lower Upper

95 100

174 80.4 66.9 100.3

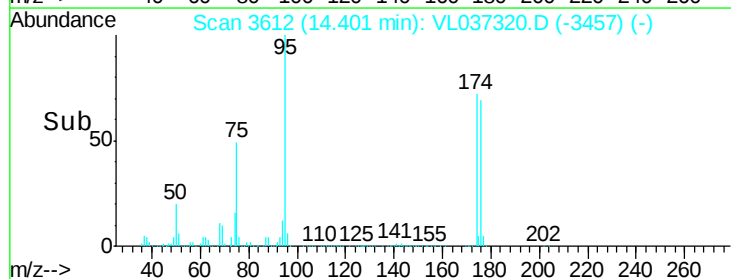
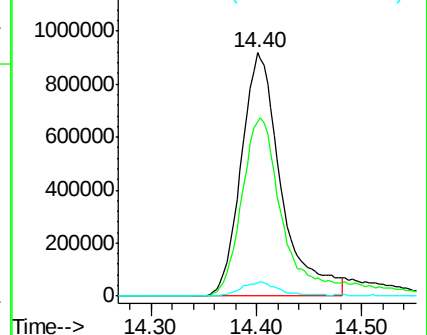
175 5.5 5.1 7.7

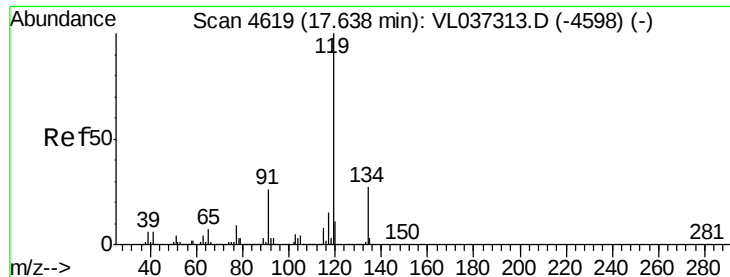


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





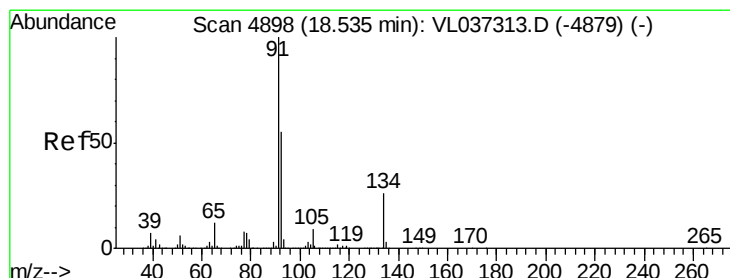
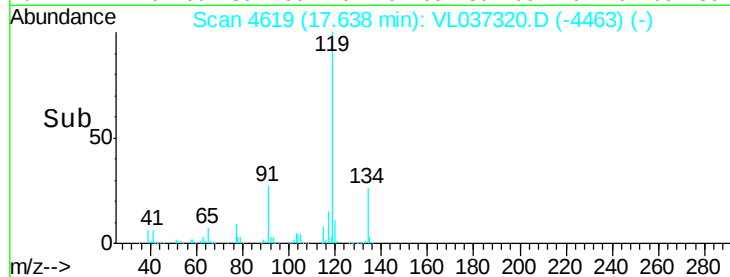
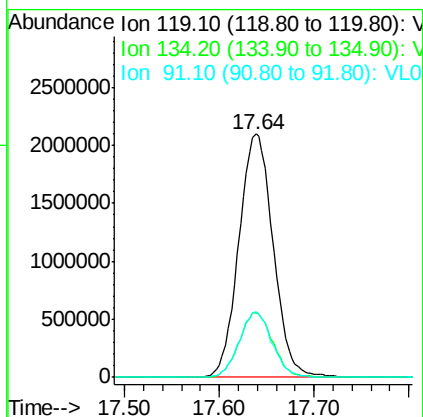
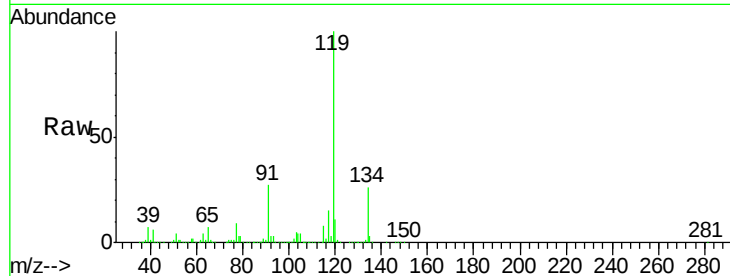
#69
 p-Isopropyltoluene
 Concen: 9.216 ppbv
 RT: 17.64 min Scan# 4619
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL080421

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	21.0	31.6
91	25.7	20.5	30.7

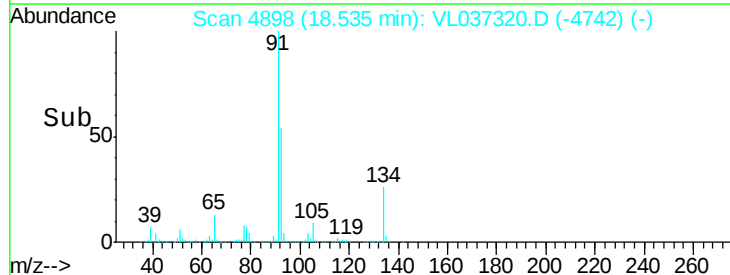
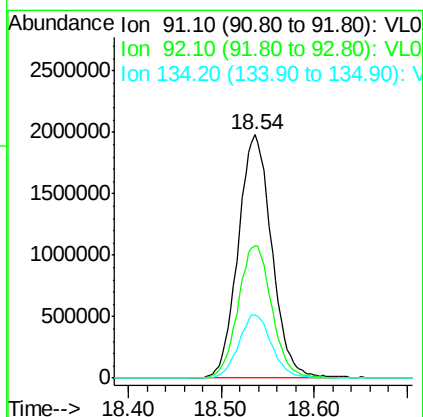
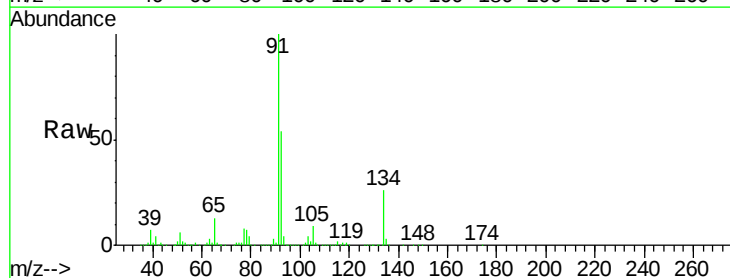
Manual Integrations
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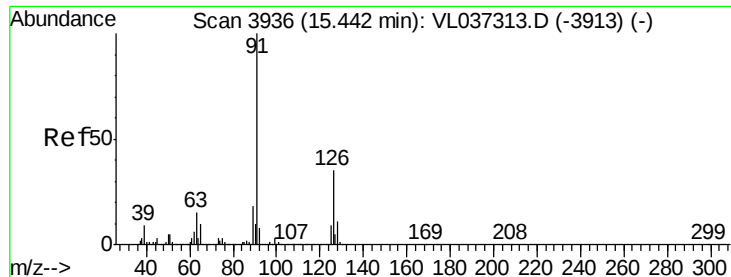
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 8/5/2021 1:40:09 PM



#70
 n-Butylbenzene
 Concen: 9.495 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	44.1	66.1
134	25.7	20.6	31.0





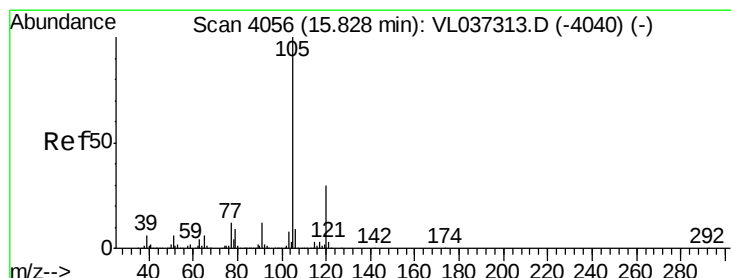
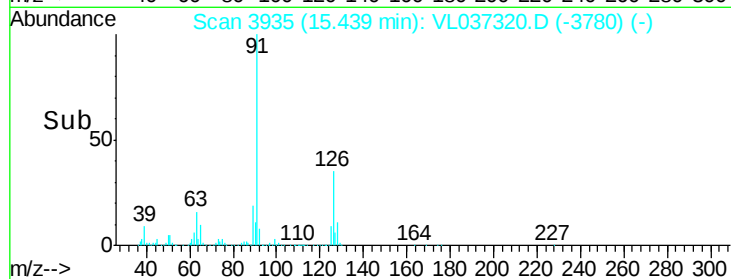
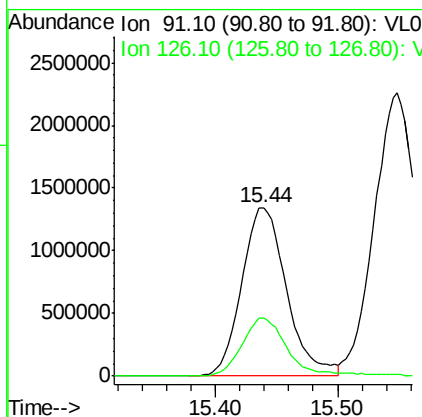
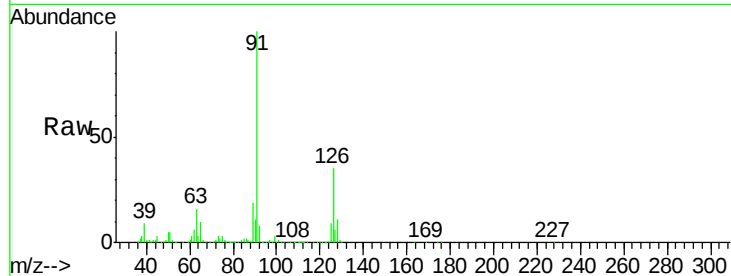
#71
 2-Chlorotoluene
 Concen: 8.914 ppbv
 RT: 15.44 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL080421

Tot Ion: 91 Resp: 3412709
 Ion Ratio Lower Upper
 91 100
 126 35.7 14.3 57.1

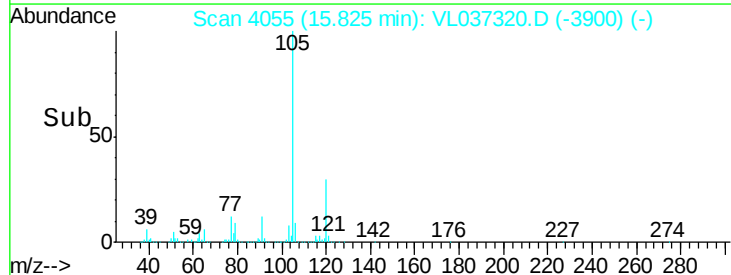
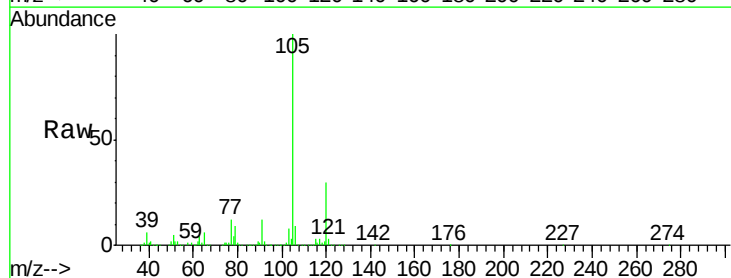
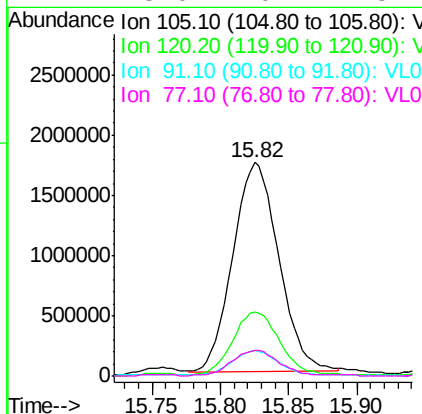
Manual Integrations
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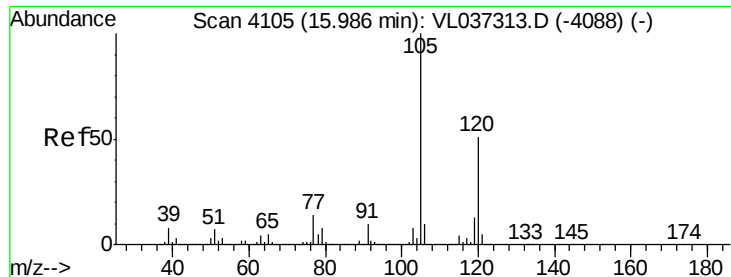
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#72
 4-Ethyltoluene
 Concen: 8.990 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Tgt Ion: 105 Resp: 4095074
 Ion Ratio Lower Upper
 105 100
 120 32.2 25.6 38.4
 91 11.9 9.4 14.2
 77 13.0 10.2 15.4





#73

1,3,5-Trimethylbenzene

Concen: 9.313 ppbv

RT: 15.98 min Scan# 4104

Delta R.T. -0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion:105 Resp: 3813947

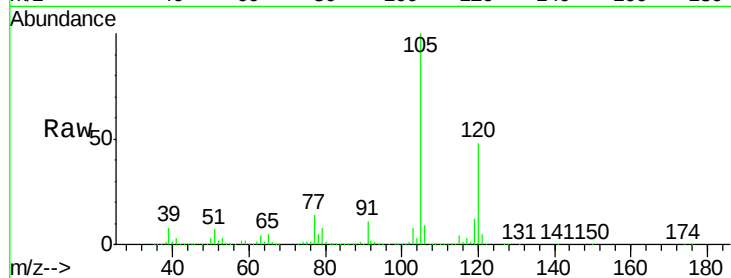
Ion Ratio Lower Upper

105 100

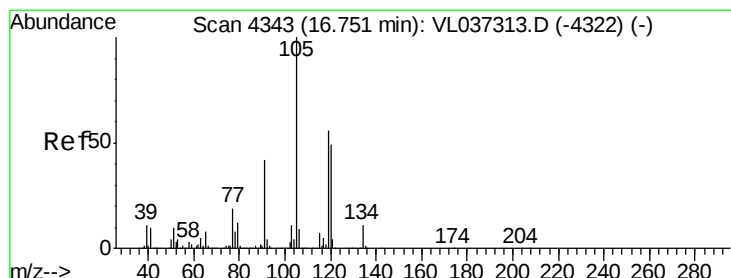
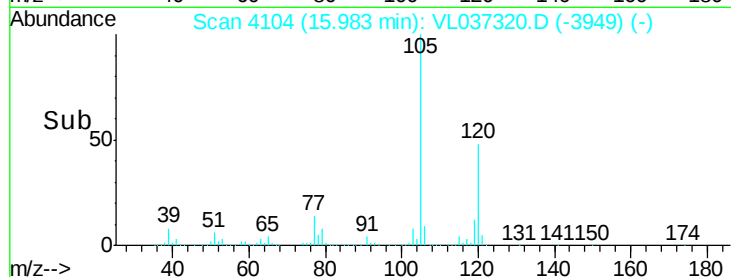
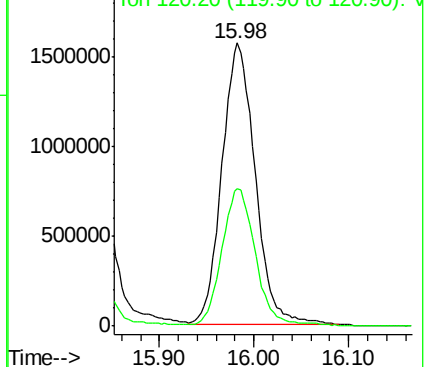
120 48.4 40.4 60.6

Manual Integrations
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Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 9.264 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Tgt Ion:105 Resp: 4048582

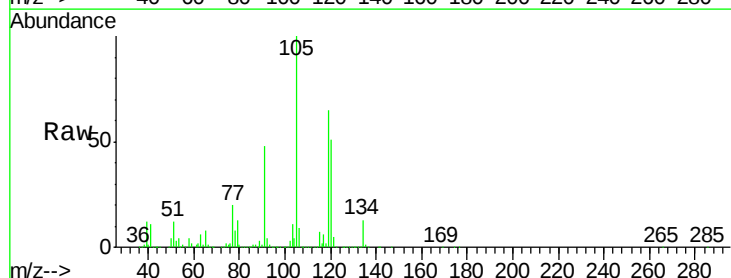
Ion Ratio Lower Upper

105 100

120 50.4 39.6 59.4

91 48.0 34.5 51.7

77 19.8 15.3 22.9

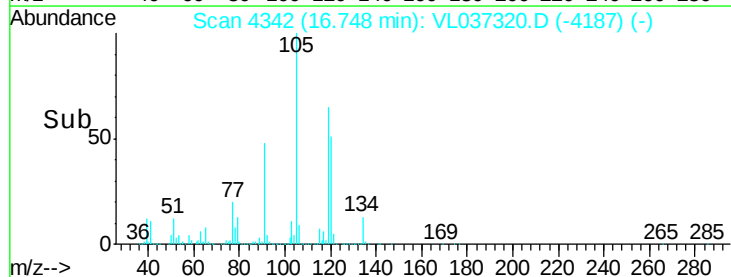
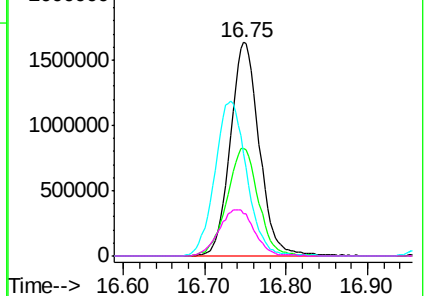


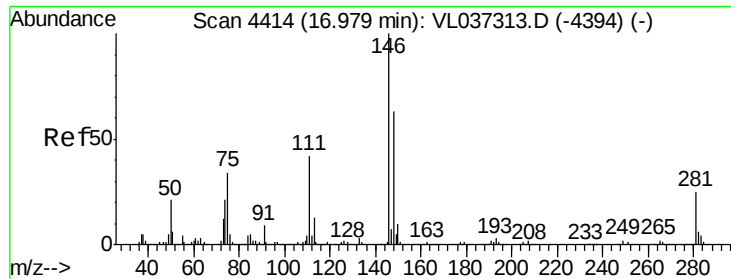
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): V

Ion 77.10 (76.80 to 77.80): V





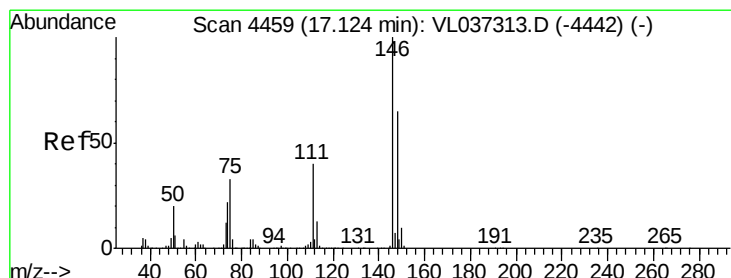
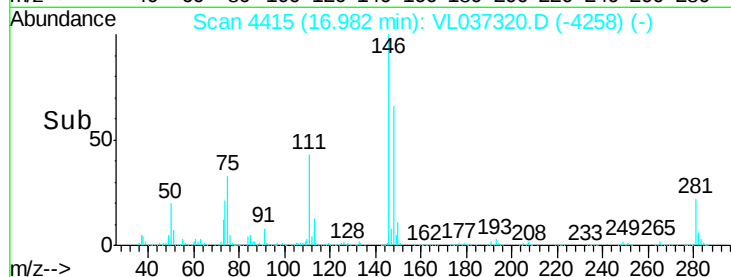
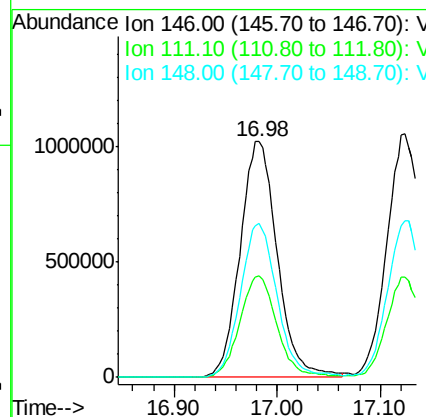
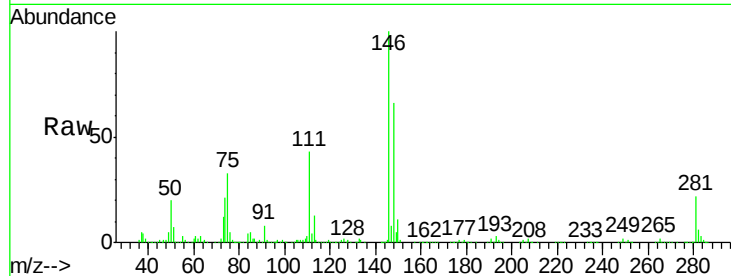
#75
 1,3-Dichlorobenzene
 Concen: 9.568 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Instrument :
 MSVOA_L
 ClientSampled :
 ICVVL080421

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.4	64.3
148	64.5	32.6	97.7

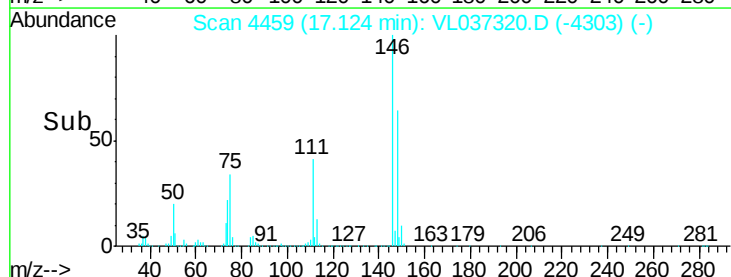
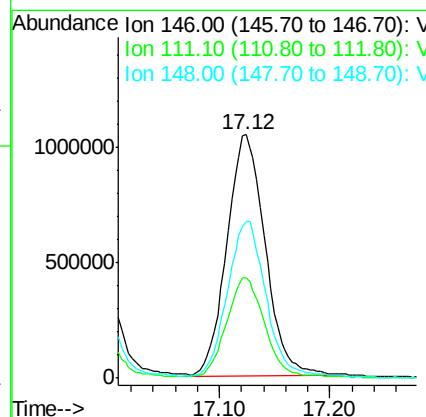
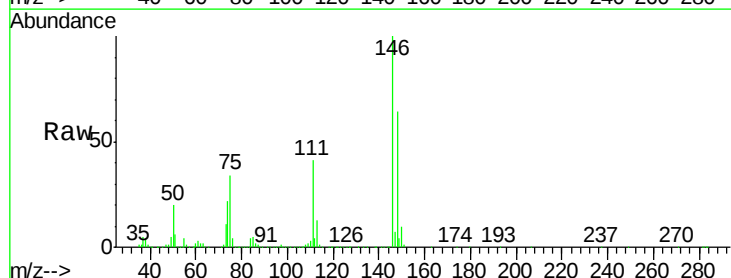
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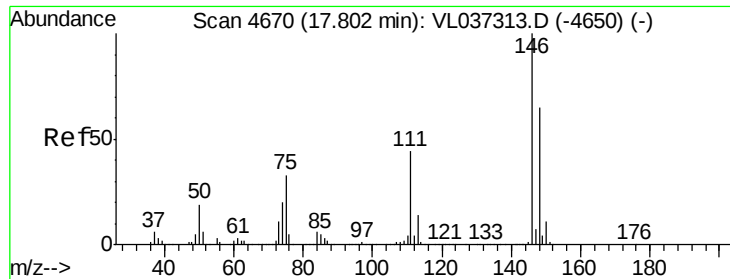
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#76
 1,4-Dichlorobenzene
 Concen: 9.434 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.0	63.0
148	66.4	33.5	100.4





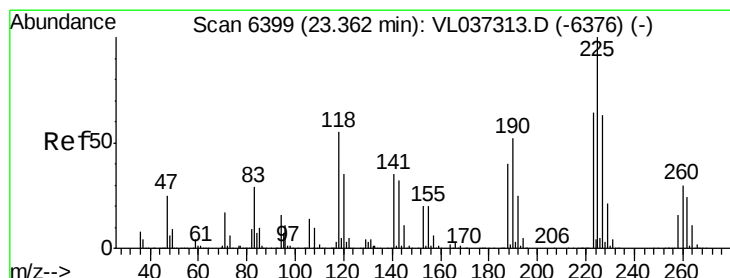
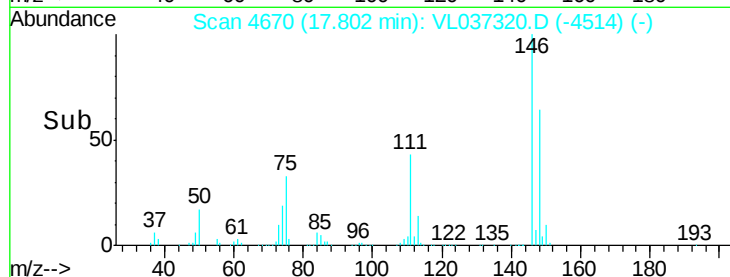
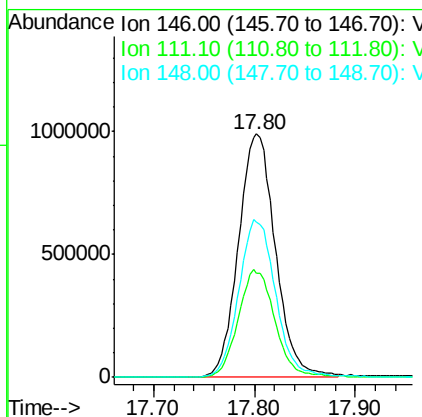
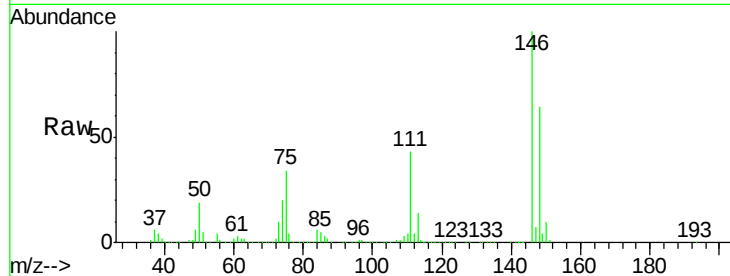
#77
 1,2-Dichlorobenzene
 Concen: 9.589 ppbv
 RT: 17.80 min Scan# 4670
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL080421

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.1	66.5
148	64.7	32.5	97.4

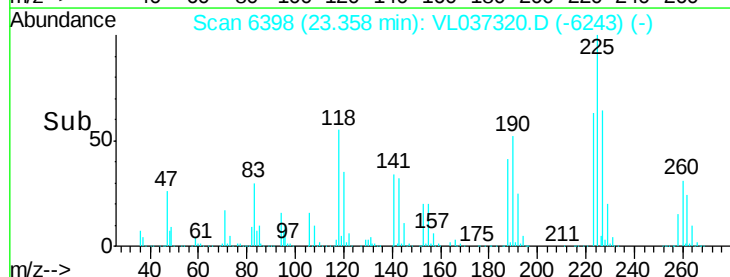
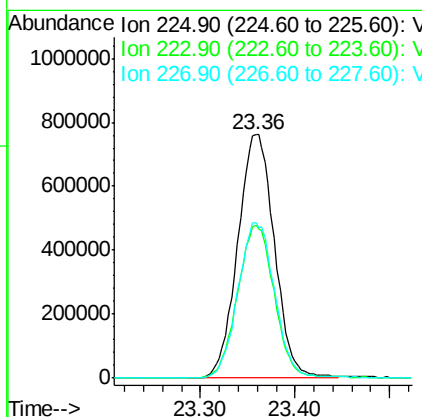
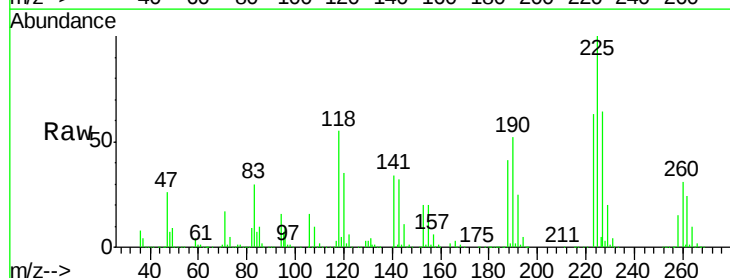
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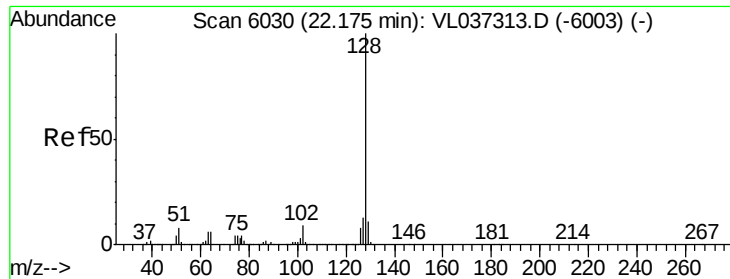
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#78
 Hexachloro-1,3-Butadiene
 Concen: 8.738 ppbv
 RT: 23.36 min Scan# 6398
 Delta R.T. -0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.1	76.7
227	64.4	51.9	77.9





#79

Naphthalene

Concen: 11.274 ppbv

RT: 22.18 min Scan# 6030

Delta R.T. 0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

Instrument :

MSVOA_L

ClientSampleId :

ICVVL080421

Tot Ion:128 Resp: 4522297

Ion Ratio Lower Upper

128 100

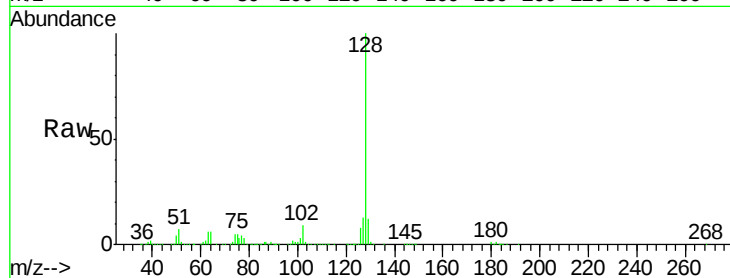
127 13.1 10.3 15.5

129 11.6 8.6 12.8

Manual Integrations
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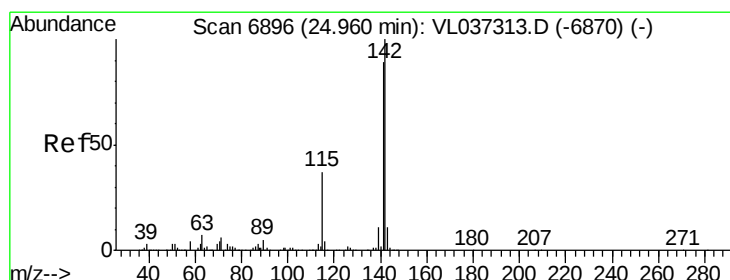
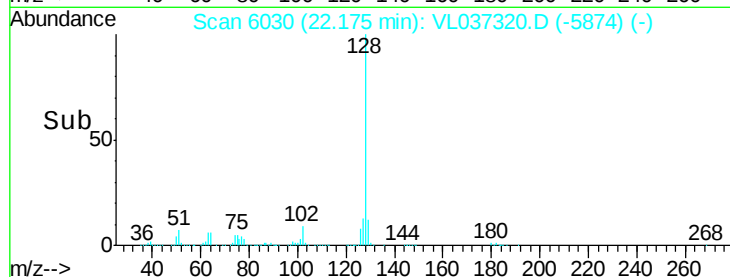
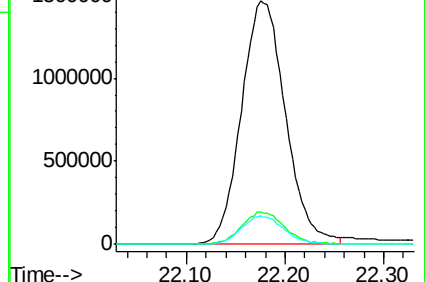
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Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 16.458 ppbv

RT: 24.96 min Scan# 6895

Delta R.T. -0.00 min

Lab File: VL037320.D

Acq: 4 Aug 2021 22:36

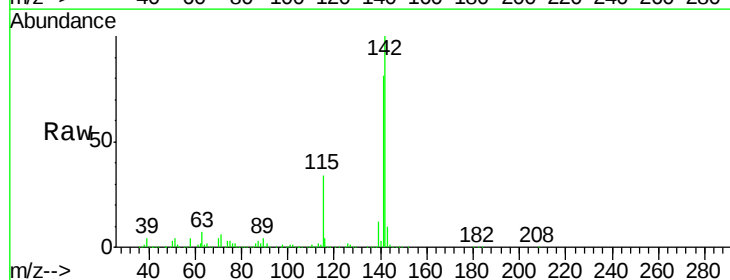
Tgt Ion:142 Resp: 1072931

Ion Ratio Lower Upper

142 100

141 94.0 67.2 100.8

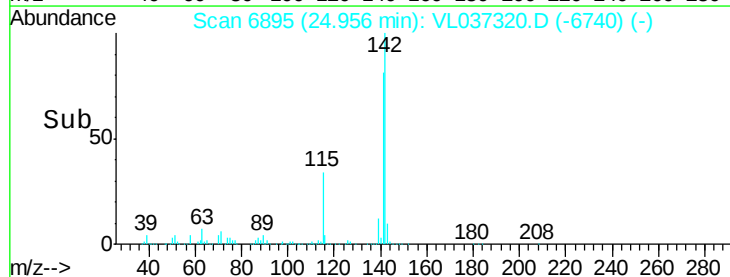
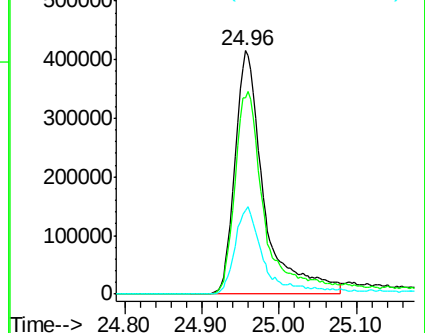
115 36.3 27.9 41.9

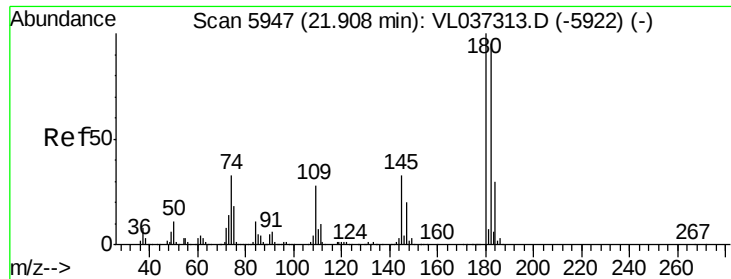


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 10.450 ppbv
 RT: 21.91 min Scan# 5947
 Delta R.T. 0.00 min
 Lab File: VL037320.D
 Acq: 4 Aug 2021 22:36

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL080421

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	78.0	117.0
184	31.3	25.0	37.4

Manual Integrations
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