

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
 Data File : VL037672.D
 Acq On : 27 Sep 2021 9:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
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 10/1/2021 1:56:53 PM

Quant Time: Sep 28 09:16:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1720418	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	5155901	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	4509953m	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3356598	10.30	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.05	85	2205933m	7.086	ppbv
3) Chlorodifluoromethane	2.99	51	2859669	8.812	ppbv 100
4) Chloromethane	3.14	50	1058491	8.828	ppbv 96
5) Vinyl Chloride	3.26	62	1034248	9.184	ppbv 99
6) Bromomethane	3.47	94	561977	8.586	ppbv 90
7) Chloroethane	3.56	64	368901	8.765	ppbv 100
8) Dichlorotetrafluoroethane	3.19	85	2450961	9.126	ppbv 100
9) Propene	3.01	41	1019057	8.903	ppbv 98
10) Heptane	8.12	43	2570349	9.623	ppbv 99
11) Trichlorofluoromethane	3.95	101	2270183	9.083	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1693771	9.181	ppbv 98
13) Ethanol	3.61	45	103935m	9.283	ppbv
14) Bromoethene	3.74	108	763865	9.096	ppbv 99
15) Acetone	3.85	43	1290919	7.222	ppbv 95
16) 1,3-Butadiene	3.33	39	1021197	9.143	ppbv 98
17) tert-Butyl alcohol	4.28	59	1465393	9.668	ppbv 100
18) 1,1-Dichloroethene	4.29	96	747170	8.694	ppbv 97
19) Isopropyl Alcohol	3.96	45	926395	9.525	ppbv # 98
20) Methylene Chloride	4.34	84	667551	7.823	ppbv 96
21) Allyl Chloride	4.41	41	1239478	9.282	ppbv 97
22) trans-1,2-Dichloroethene	4.88	96	802872	9.285	ppbv 98
23) Vinyl Acetate	5.07	43	2235743	9.039	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1578270	8.907	ppbv # 97
25) Ethyl Acetate	5.68	43	4034328	9.319	ppbv 100
26) Hexane	5.68	57	1931780	9.393	ppbv 99
27) Carbon Disulfide	4.55	76	1890183	10.047	ppbv 100
28) Methyl tert-Butyl Ether	5.03	73	1595392	8.808	ppbv 99
29) Chloroform	5.75	83	2728886	9.087	ppbv 99
30) Cyclohexane	7.13	84	1620324	9.212	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1799989	9.641	ppbv 97
32) 1,1,1-Trichloroethane	6.51	97	2628108	9.400	ppbv 100
34) 2-Butanone	5.24	43	1812822	8.652	ppbv 100
35) Carbon Tetrachloride	7.02	117	2713005	9.302	ppbv 99
36) Benzene	6.89	78	3969790	9.234	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1924263	9.100	ppbv 99
38) Trichloroethene	7.83	130	1580364	8.800	ppbv 98
39) 1,2-Dichloropropane	7.61	63	1504385	9.136	ppbv 97
40) 1,4-Dioxane	7.83	88	371419m	9.272	ppbv
41) Tetrahydrofuran	6.05	42	972441	9.873	ppbv 98
42) Bromodichloromethane	7.79	83	2864495	9.452	ppbv 99
43) Methyl Methacrylate	8.01	69	1416931	9.907	ppbv 98

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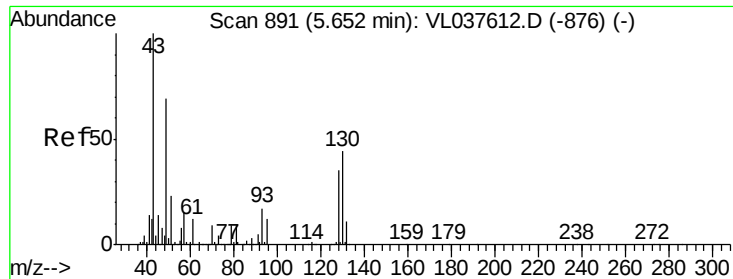
Manual Integrations
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Quant Time: Sep 28 09:16:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	6603738	9.137	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	1073893	9.559	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	1444544	9.519	ppbv	95
47) 1,1,2-Trichloroethane	9.47	97	1617798	8.881	ppbv	97
48) Dibromochloromethane	10.30	129	2513990	9.893	ppbv	97
49) Bromoform	13.04	173	2039916	10.030	ppbv	97
50) 4-Methyl-2-Pentanone	8.74	43	2610645	9.817	ppbv	99
51) 2-Hexanone	10.13	43	1237018	10.543	ppbv #	99
52) Tetrachloroethene	11.22	164	1446061	8.761	ppbv	99
53) Toluene	9.80	91	4588455	9.602	ppbv	100
54) 1,2-Dibromoethane	10.61	107	2254756	9.040	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	1751501	9.363	ppbv #	50
57) Chlorobenzene	12.14	112	3354748	8.947	ppbv	99
58) Ethyl Benzene	12.71	91	5749336	9.603	ppbv	99
59) m/p-Xylene	12.99	91	9784134m	18.754	ppbv	
60) o-Xylene	13.69	91	4547251	9.157	ppbv	98
61) Styrene	13.52	104	2482531	10.139	ppbv	97
62) Isopropylbenzene	14.66	105	6274041	9.044	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	3268848	8.411	ppbv	98
64) n-propylbenzene	15.56	120	1701796	9.507	ppbv	87
65) tert-Butylbenzene	16.74	119	5628107	8.999	ppbv	100
66) Benzyl Chloride	16.98	91	306026	8.954	ppbv	98
67) sec-Butylbenzene	17.29	105	7787842	9.178	ppbv	99
69) p-Isopropyltoluene	17.64	119	6476746	9.342	ppbv	100
70) n-Butylbenzene	18.54	91	6311804	9.623	ppbv	99
71) 2-Chlorotoluene	15.45	91	4676667	9.407	ppbv	99
72) 4-Ethyltoluene	15.83	105	5582246	9.793	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	5007513	9.425	ppbv	100
74) 1,2,4-Trimethylbenzene	16.76	105	5093990	9.102	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	3117624	8.966	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2979190	8.687	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2961368	8.980	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	2154741	7.763	ppbv	99
79) Naphthalene	22.18	128	3606024	10.494	ppbv	99
80) Naphthalene,2-methyl-	24.97	142	901929	11.484	ppbv	99
81) 1,2,4-Trichlorobenzene	21.91	180	2166257	9.819	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.01 min

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MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 49 Resp: 1720418

Ion Ratio Lower Upper

49 100

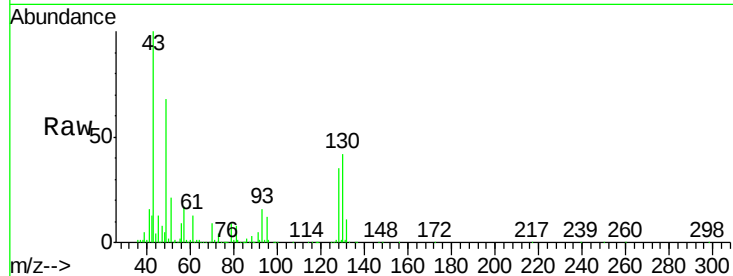
128 54.5 27.9 83.6

130 67.3 33.9 101.7

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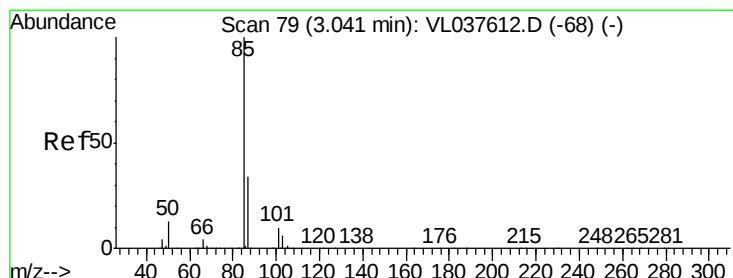
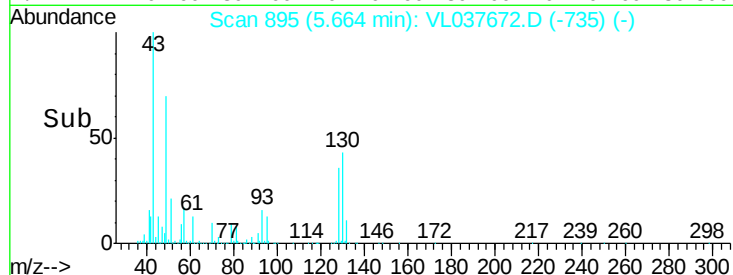
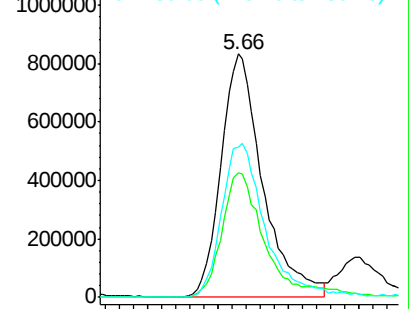
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.086 ppbv m

RT: 3.05 min Scan# 81

Delta R.T. 0.01 min

Lab File: VL037672.D

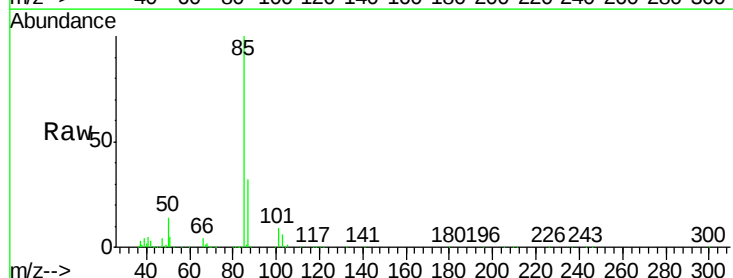
Acq: 27 Sep 2021 9:12

Tgt Ion: 85 Resp: 2205933

Ion Ratio Lower Upper

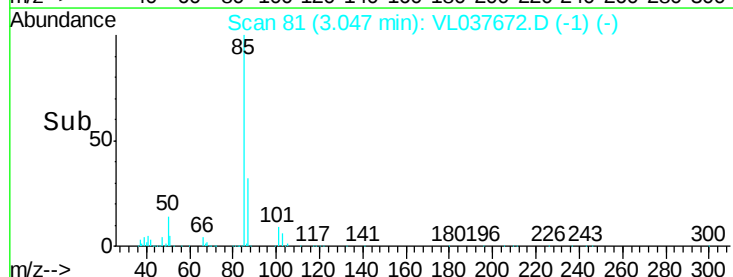
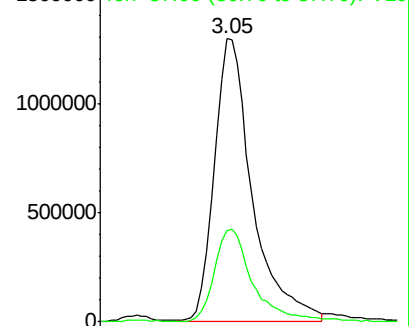
85 100

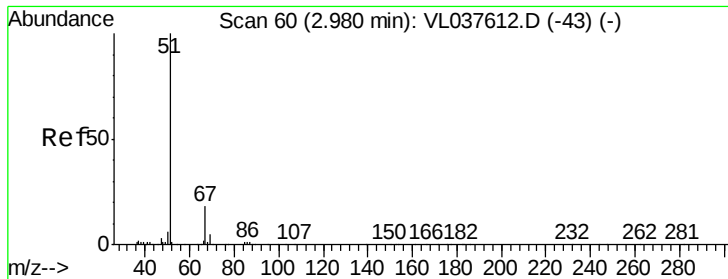
87 32.2 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.812 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 51 Resp: 2859669

Ion Ratio Lower Upper

51 100

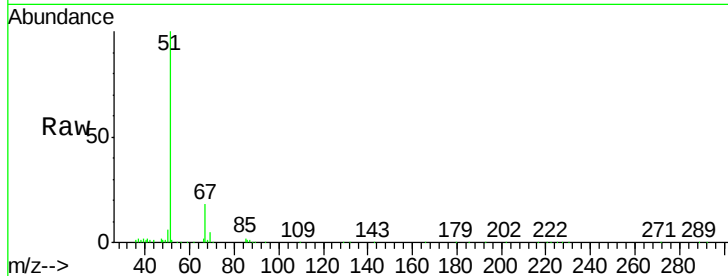
67 17.5 14.0 21.0

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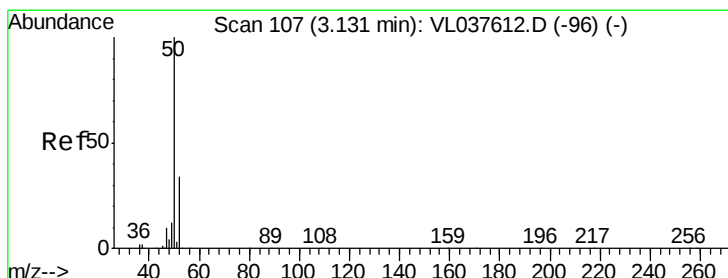
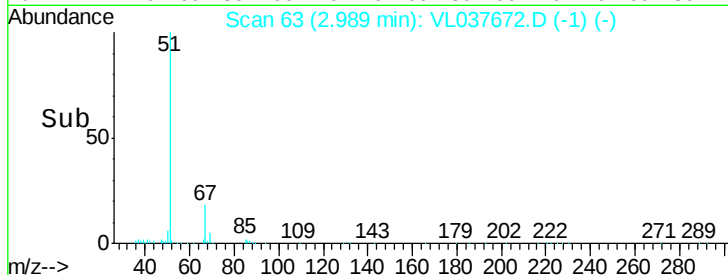
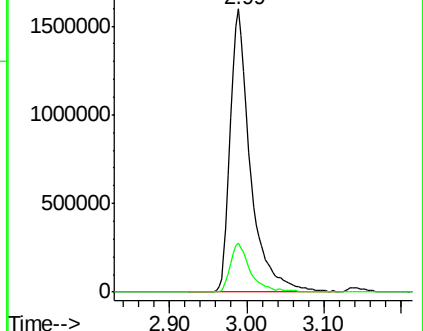
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 8.828 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.01 min

Lab File: VL037672.D

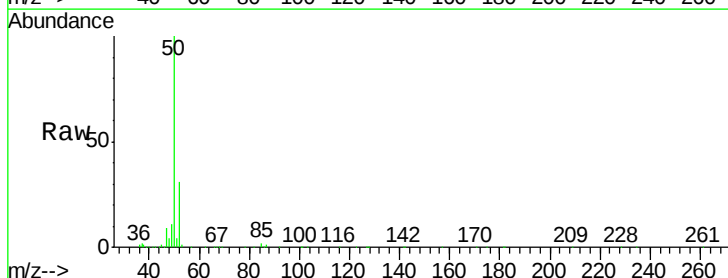
Acq: 27 Sep 2021 9:12

Tgt Ion: 50 Resp: 1058491

Ion Ratio Lower Upper

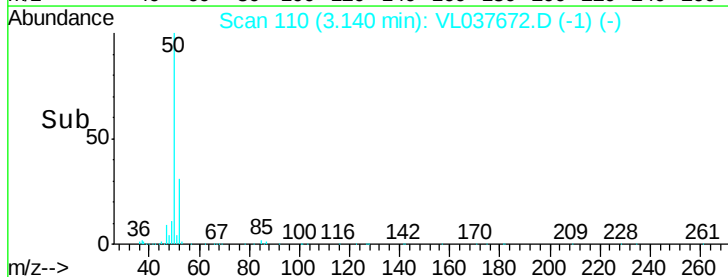
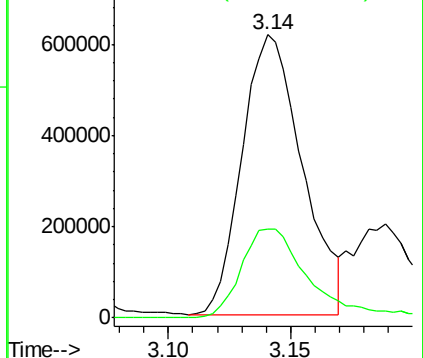
50 100

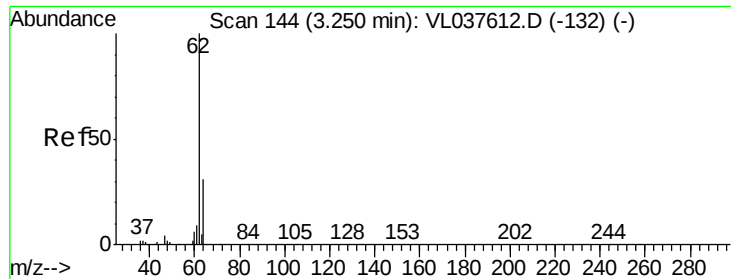
52 31.4 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.184 ppbv

RT: 3.26 min Scan# 146

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 1034248

Ion Ratio Lower Upper

62 100

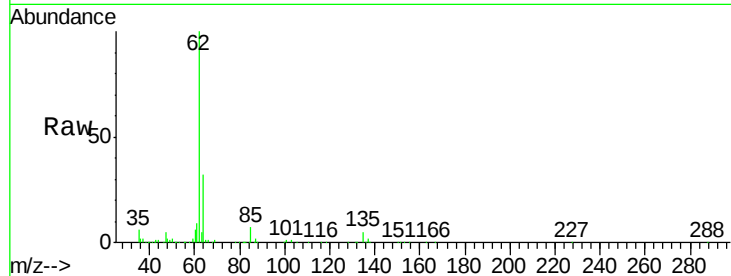
64 31.5 24.9 37.3

Manual Integrations

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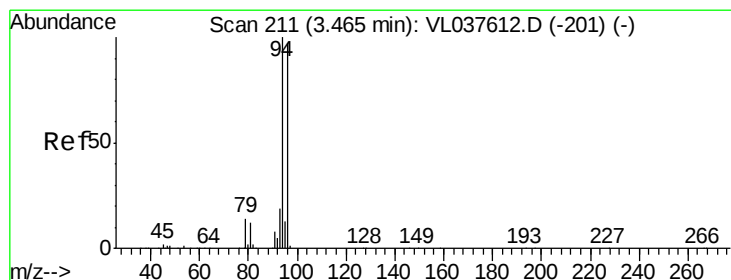
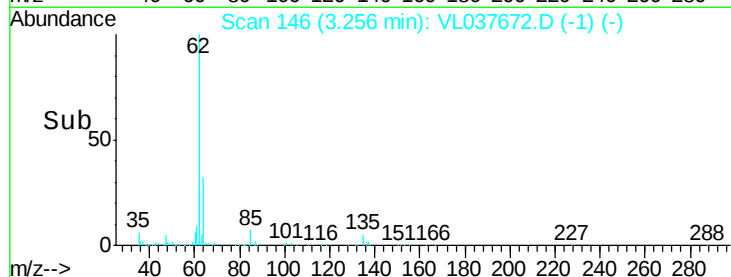
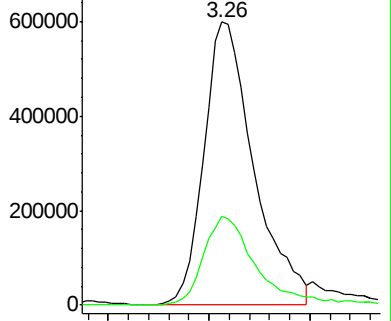
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.586 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.01 min

Lab File: VL037672.D

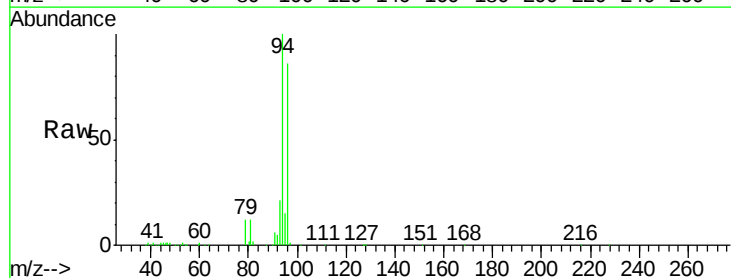
Acq: 27 Sep 2021 9:12

Tgt Ion: 94 Resp: 561977

Ion Ratio Lower Upper

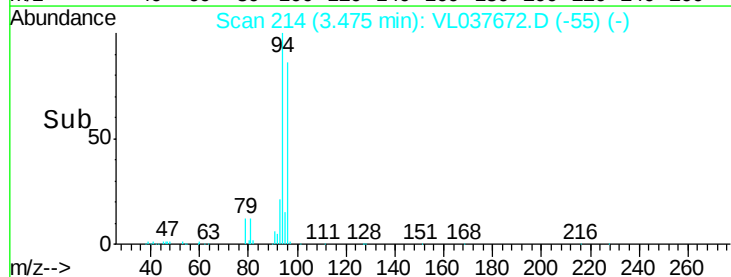
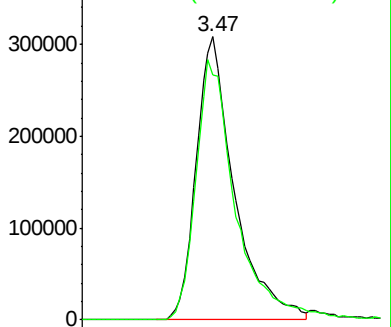
94 100

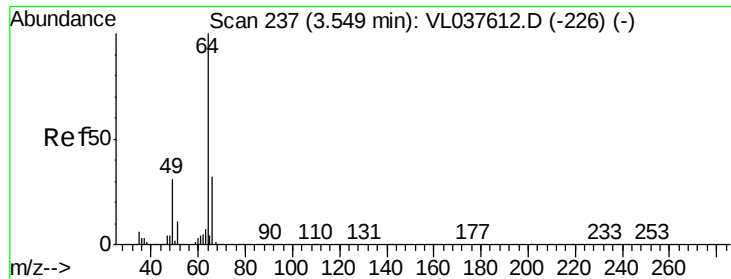
96 86.4 77.3 115.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 8.765 ppbv

RT: 3.56 min Scan# 240

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

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ClientSampleId :

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Tgt Ion: 64 Resp: 368901

Ion Ratio Lower Upper

64 100

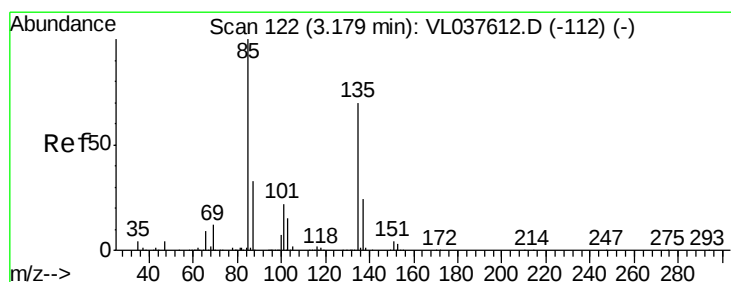
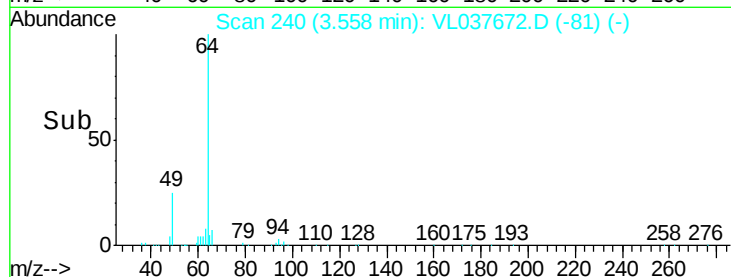
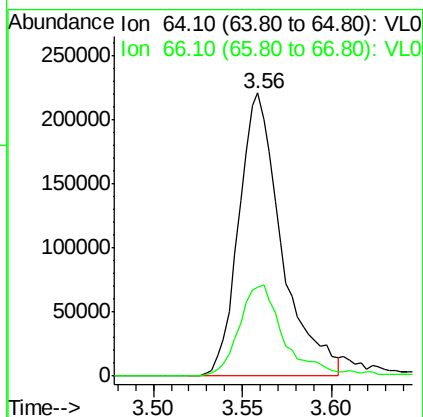
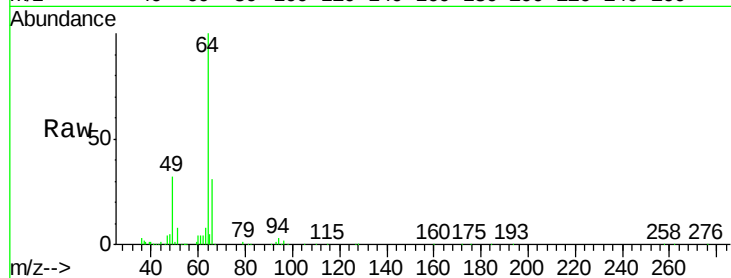
66 31.4 25.3 37.9

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 9.126 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.01 min

Lab File: VL037672.D

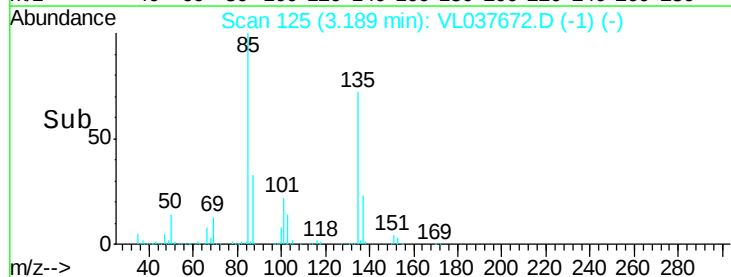
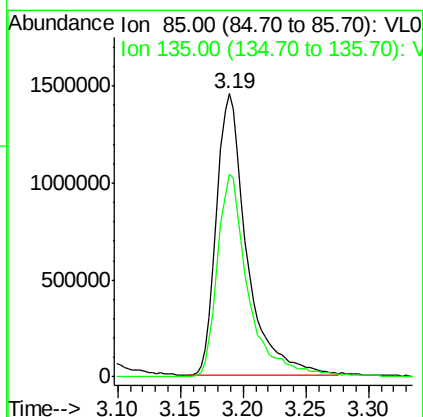
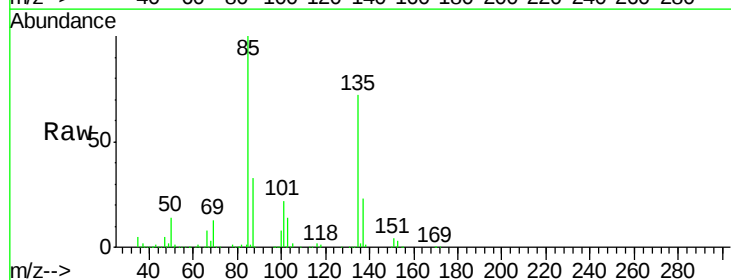
Acq: 27 Sep 2021 9:12

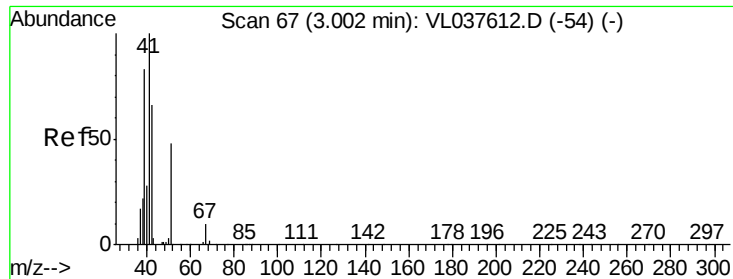
Tgt Ion: 85 Resp: 2450961

Ion Ratio Lower Upper

85 100

135 74.0 59.3 88.9





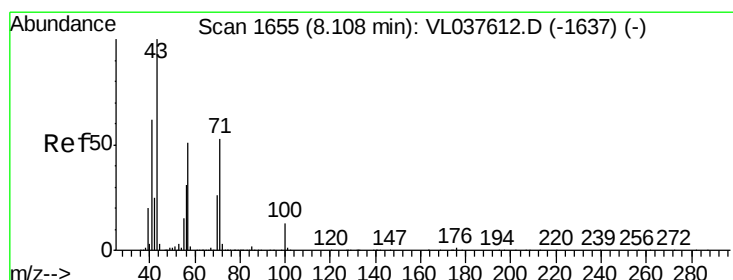
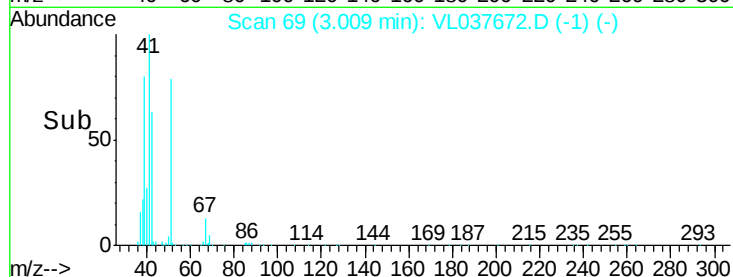
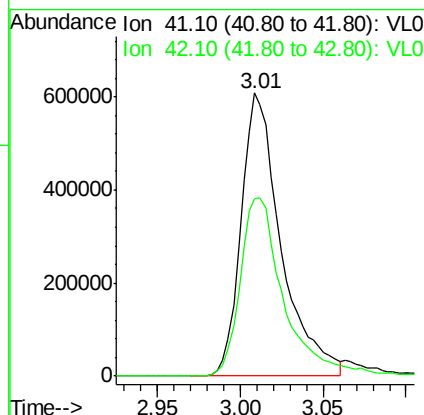
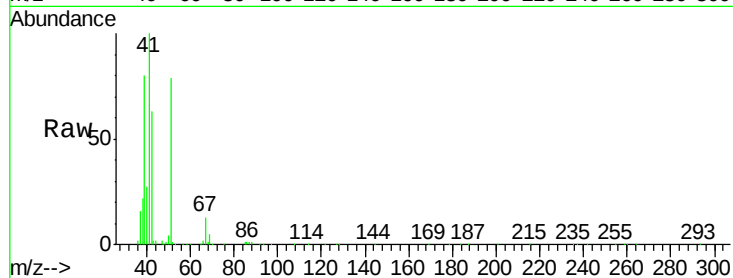
#9
Propene
Concen: 8.903 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 1019057
Ion Ratio Lower Upper
41 100
42 69.7 57.2 85.8

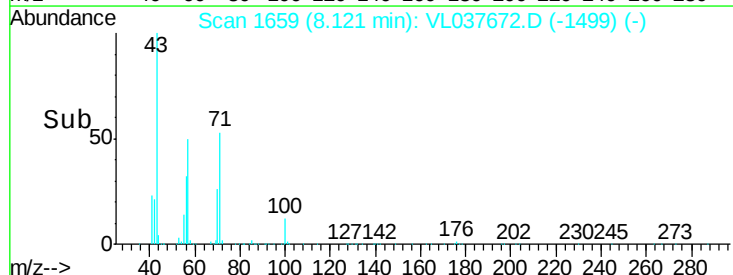
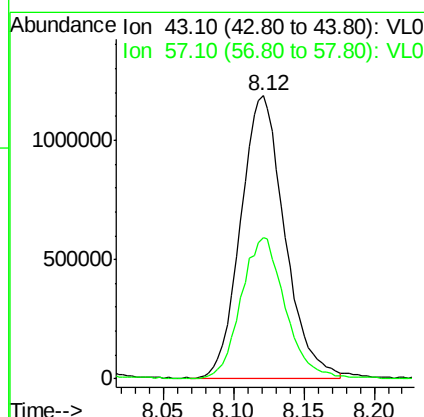
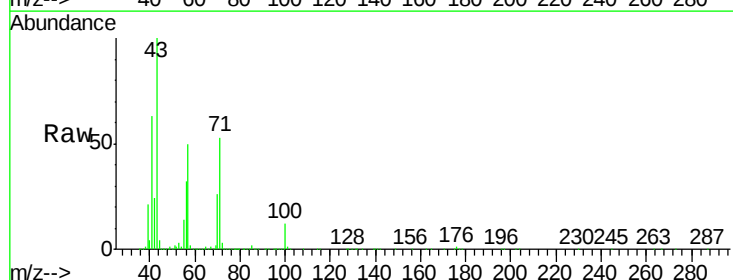
Manual Integrations
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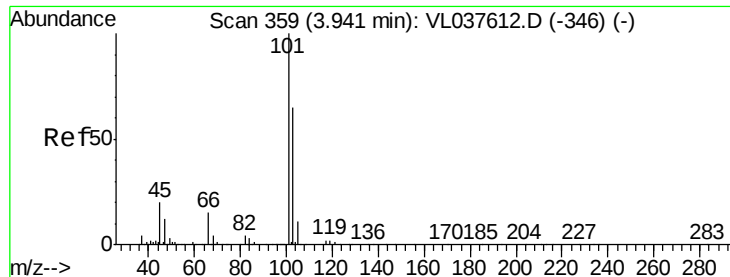
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#10
Heptane
Concen: 9.623 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion: 43 Resp: 2570349
Ion Ratio Lower Upper
43 100
57 51.0 40.1 60.1





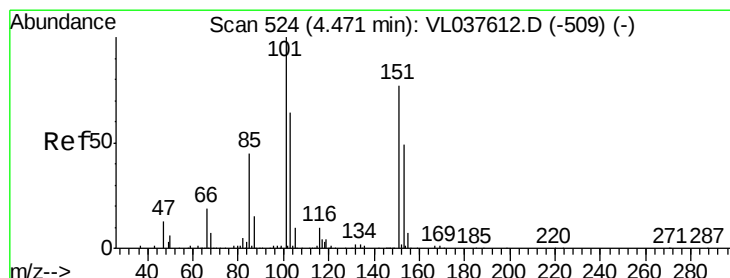
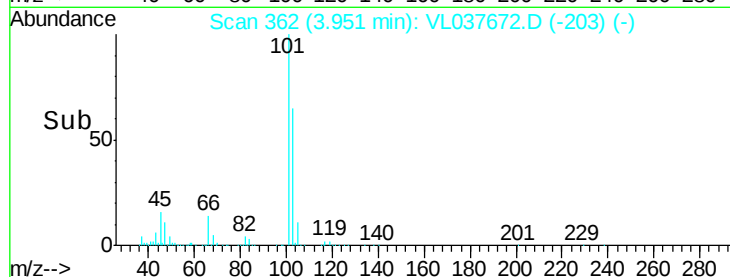
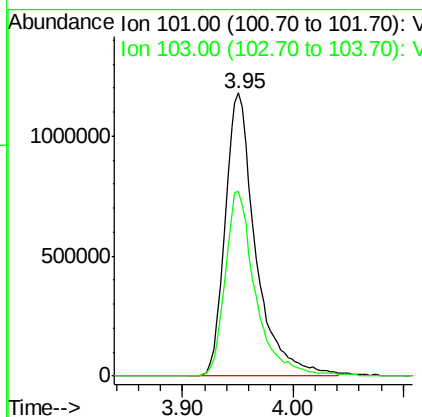
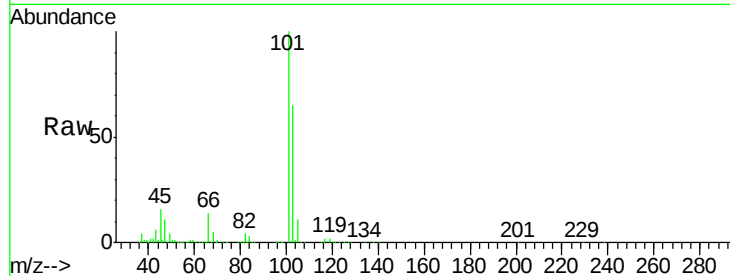
#11
 Trichlorofluoromethane
 Concen: 9.083 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 2270183
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.9 77.9

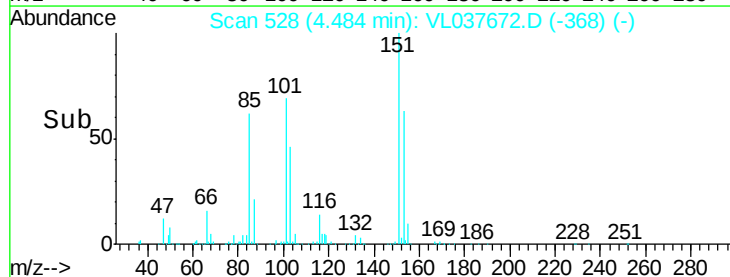
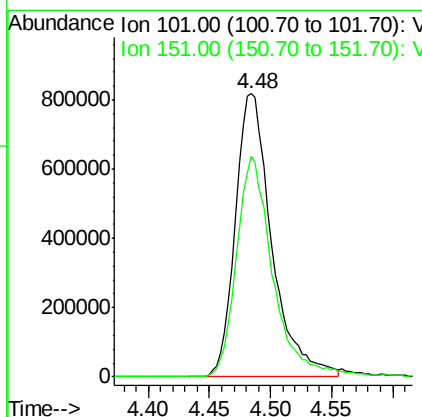
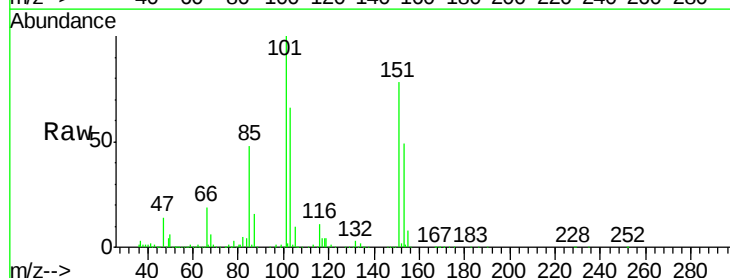
Manual Integrations
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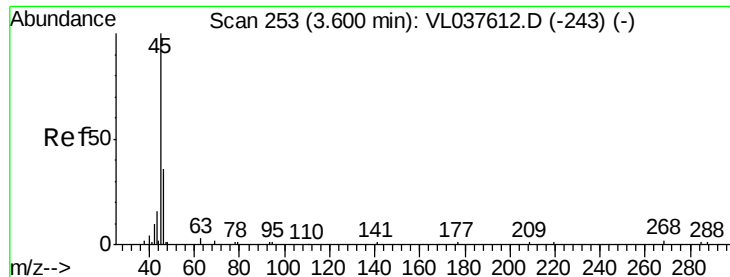
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.181 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Tgt Ion:101 Resp: 1693771
 Ion Ratio Lower Upper
 101 100
 151 77.8 63.5 95.3





#13

Ethanol

Concen: 9.283 ppbv m

RT: 3.61 min Scan# 256

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 103935

Ion Ratio Lower Upper

45 100

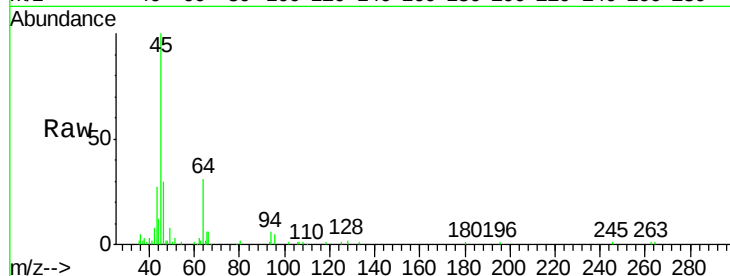
46 38.4 17.2 68.8

Manual Integrations

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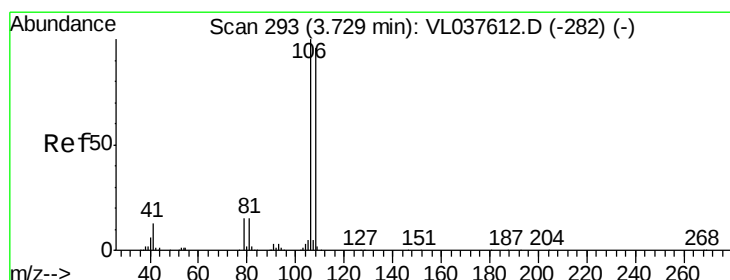
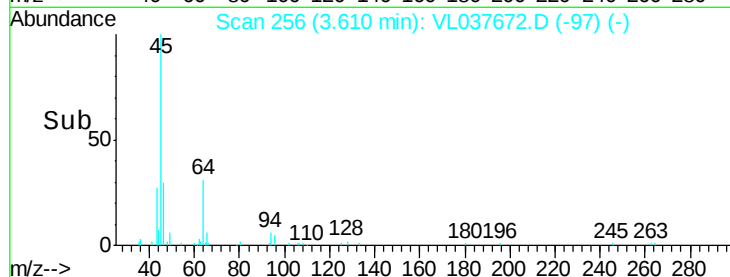
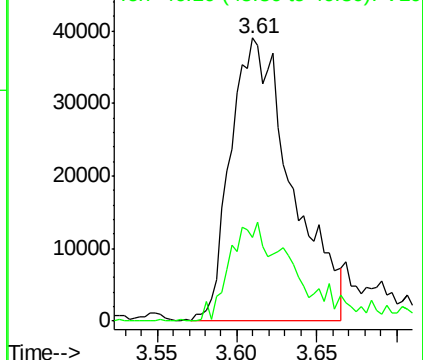
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 9.096 ppbv

RT: 3.74 min Scan# 297

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

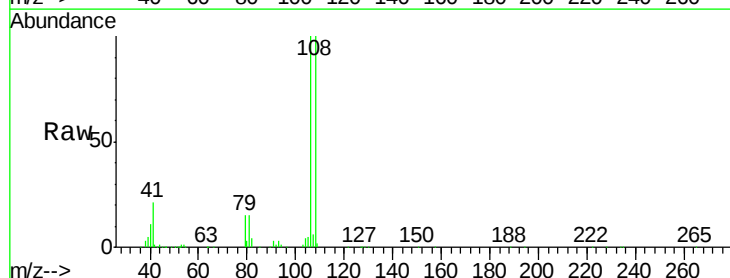
Tgt Ion: 108 Resp: 763865

Ion Ratio Lower Upper

108 100

106 109.1 88.2 132.4

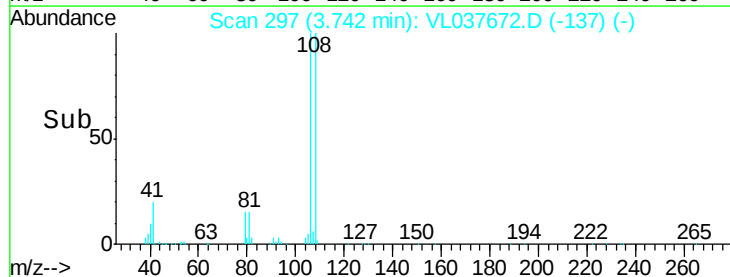
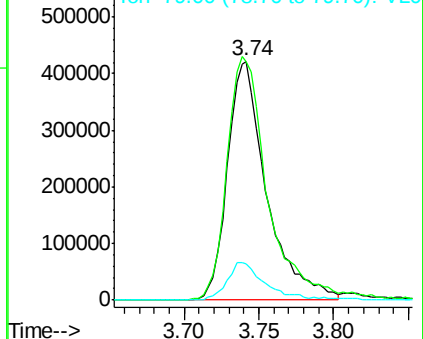
79 16.1 12.8 19.2

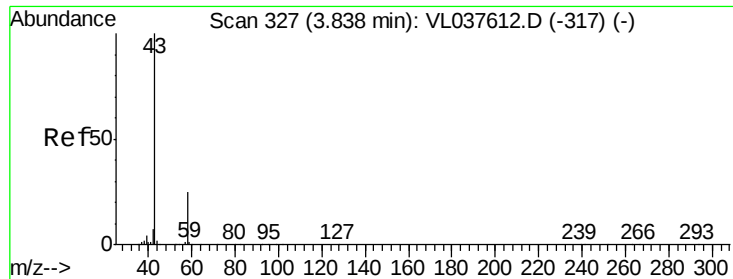


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 7.222 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 1290919

Ion Ratio Lower Upper

43 100

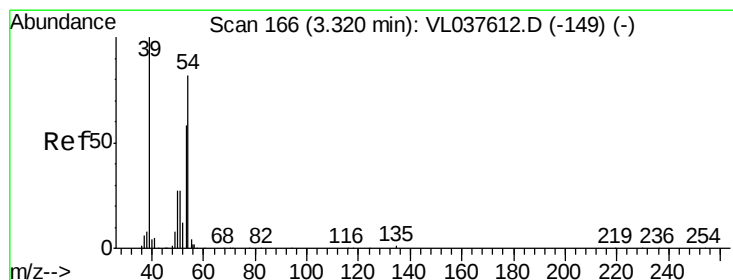
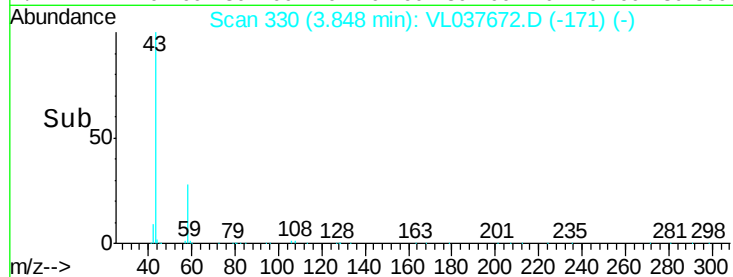
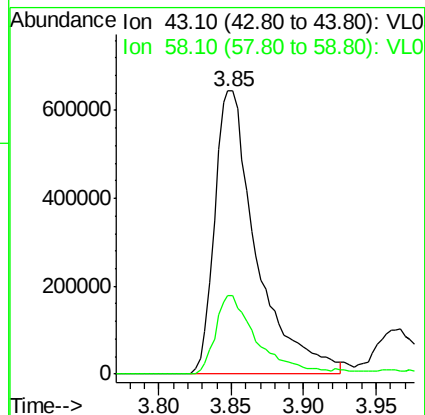
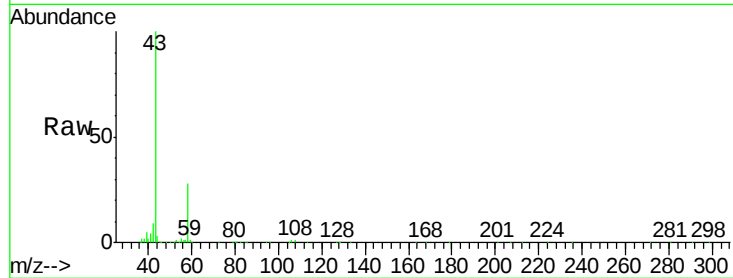
58 28.3 24.9 37.3

Manual Integrations

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#16

1,3-Butadiene

Concen: 9.143 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.01 min

Lab File: VL037672.D

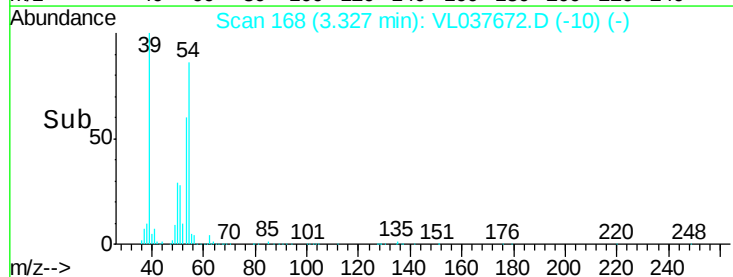
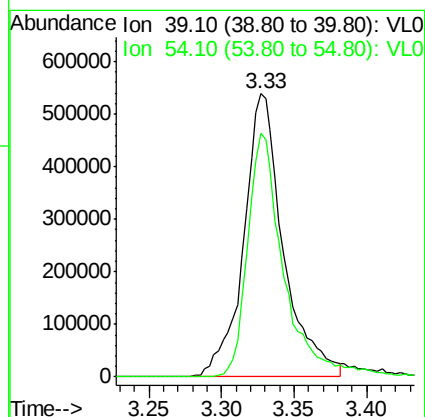
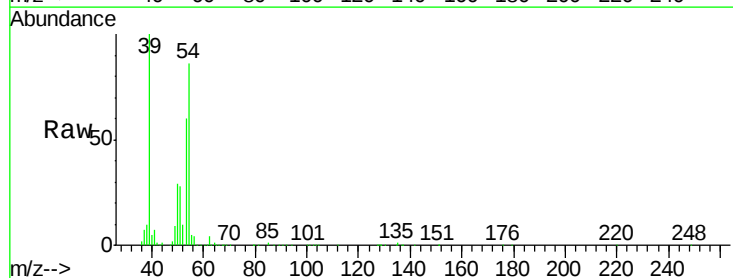
Acq: 27 Sep 2021 9:12

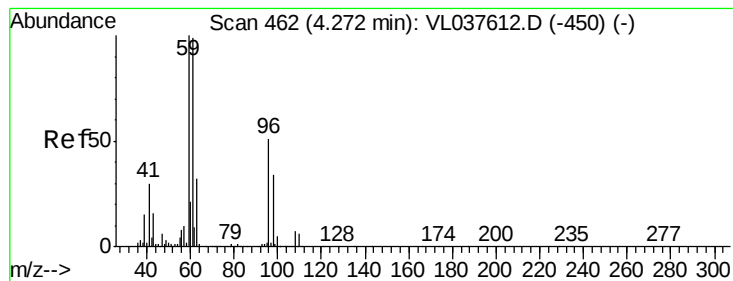
Tgt Ion: 39 Resp: 1021197

Ion Ratio Lower Upper

39 100

54 79.6 62.6 93.8





#17

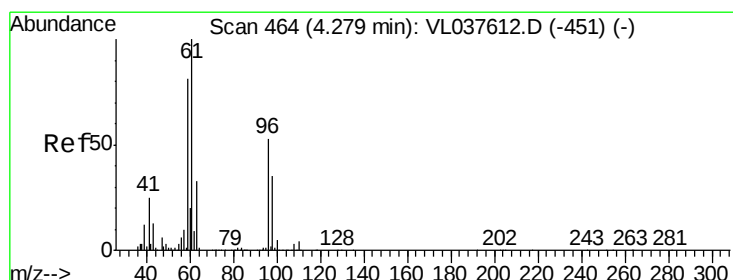
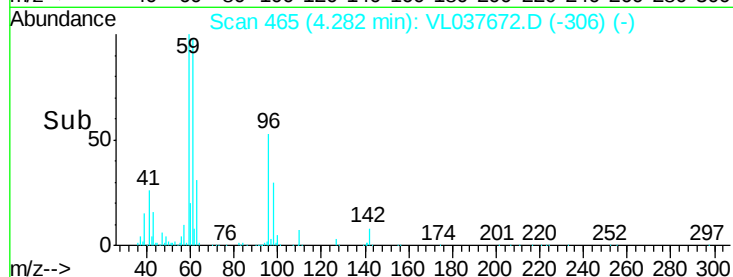
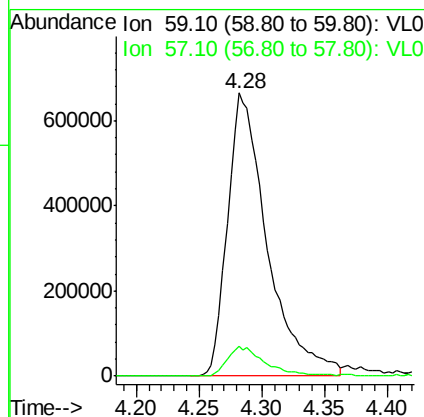
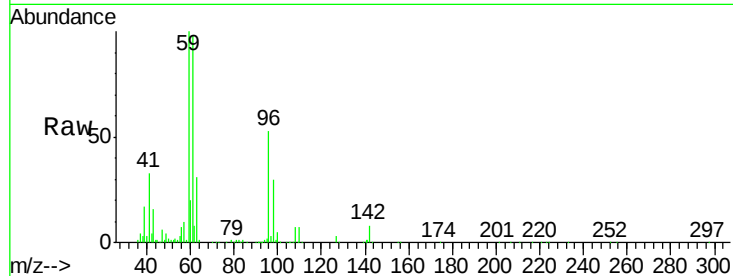
tert-Butyl alcohol
Concen: 9.668 ppbv
RT: 4.28 min Scan# 465
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1465393
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

Manual Integrations
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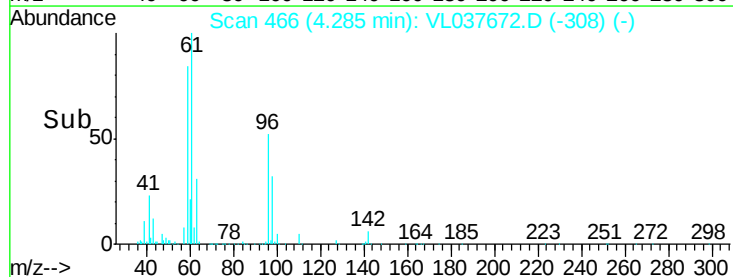
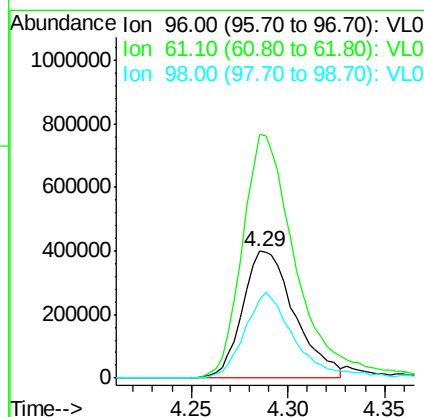
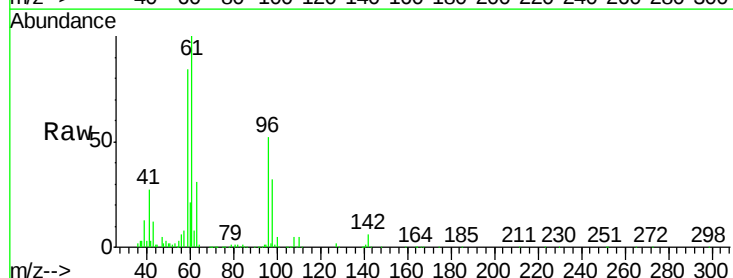
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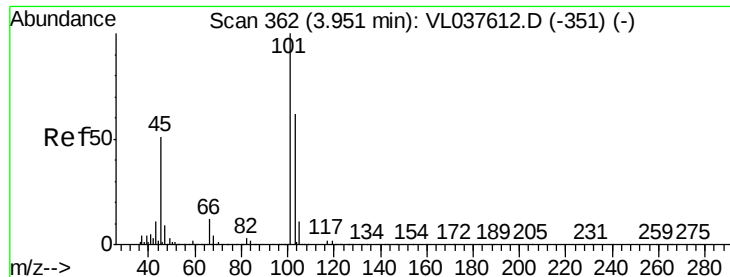


#18

1,1-Dichloroethene
Concen: 8.694 ppbv
RT: 4.29 min Scan# 466
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion: 96 Resp: 747170
Ion Ratio Lower Upper
96 100
61 191.7 150.4 225.6
98 62.2 52.1 78.1





#19

Isopropyl Alcohol

Concen: 9.525 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 926395

Ion Ratio Lower Upper

45 100

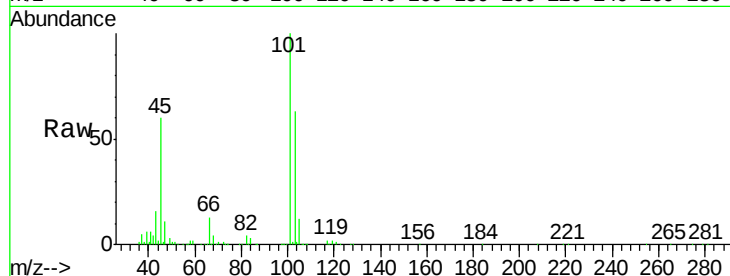
58 2.8 2.9 4.3#

Manual Integrations

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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.96

400000

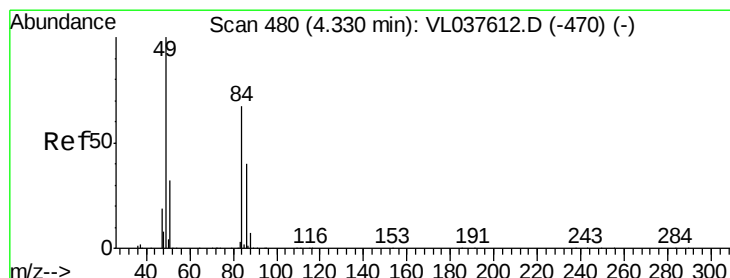
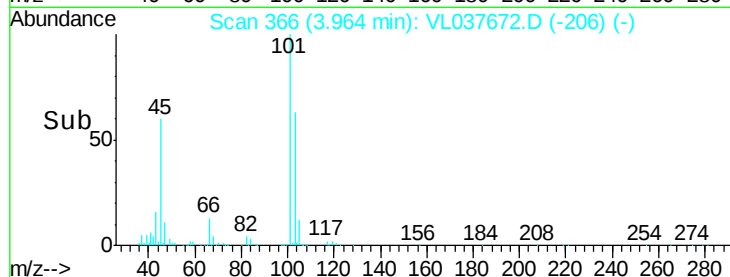
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 7.823 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Tgt Ion: 84 Resp: 667551

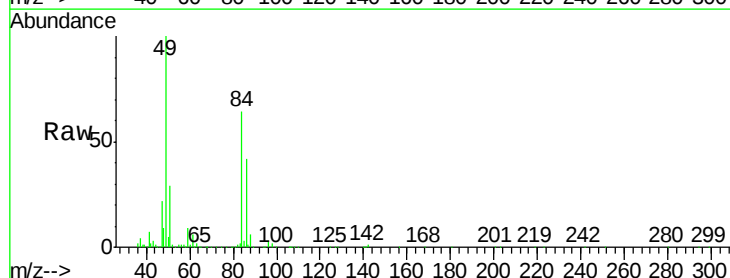
Ion Ratio Lower Upper

84 100

49 153.3 120.0 180.0

51 43.3 38.0 57.0

86 64.7 48.2 72.2



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

800000

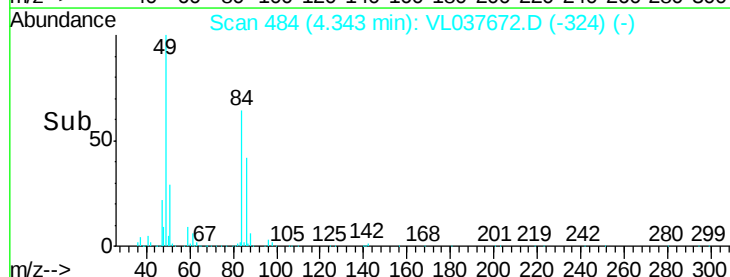
600000

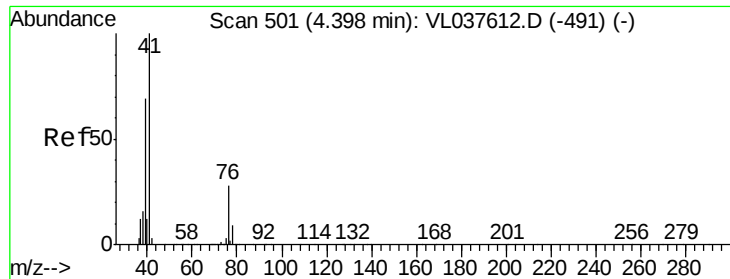
400000

200000

0

Time-->





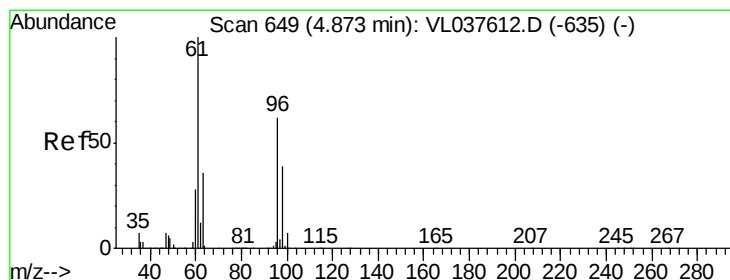
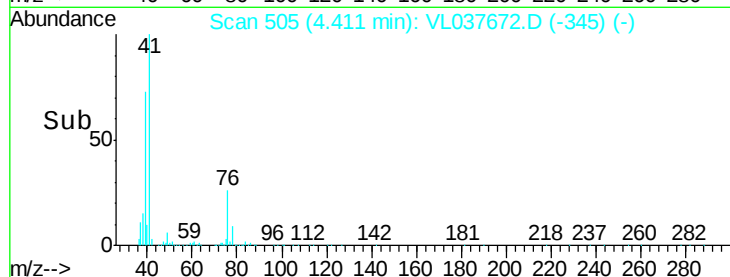
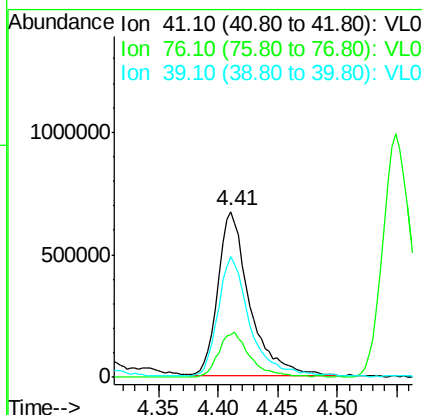
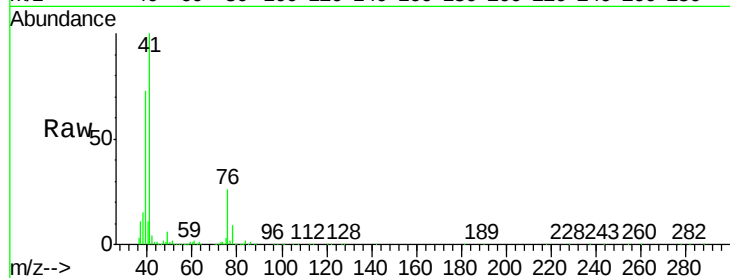
#21
 Allyl Chloride
 Concen: 9.282 ppbv
 RT: 4.41 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 1239478
 Ion Ratio Lower Upper
 41 100
 76 28.0 23.1 34.7
 39 73.7 61.0 91.6

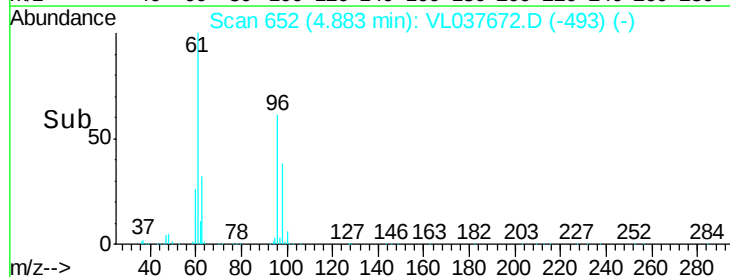
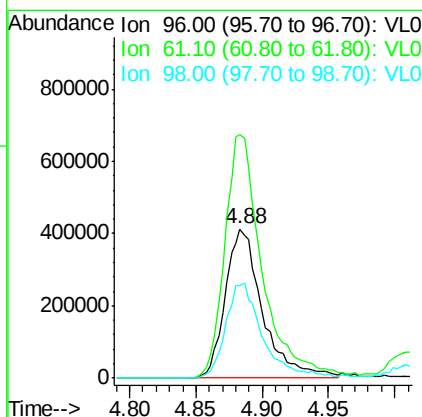
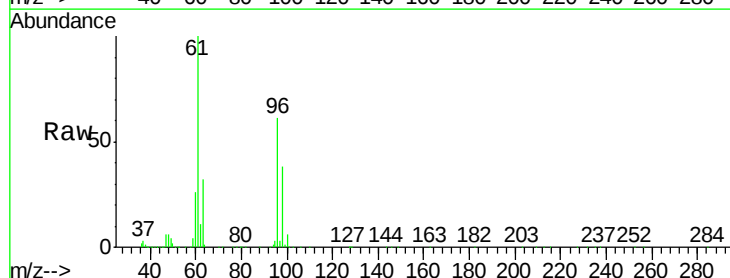
Manual Integrations
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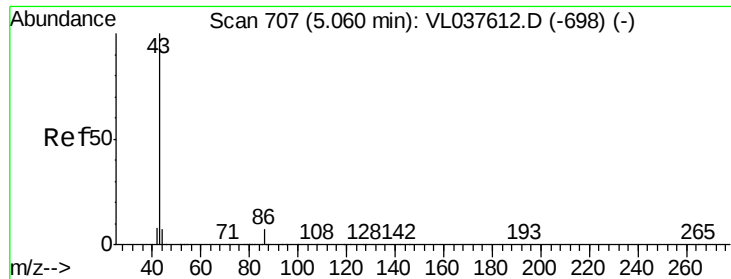
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#22
 trans-1,2-Dichloroethene
 Concen: 9.285 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Tgt Ion: 96 Resp: 802872
 Ion Ratio Lower Upper
 96 100
 61 163.5 129.2 193.8
 98 61.7 50.4 75.6





#23

Vinyl Acetate

Concen: 9.039 ppbv

RT: 5.07 min Scan# 710

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 2235743

Ion Ratio Lower Upper

43 100

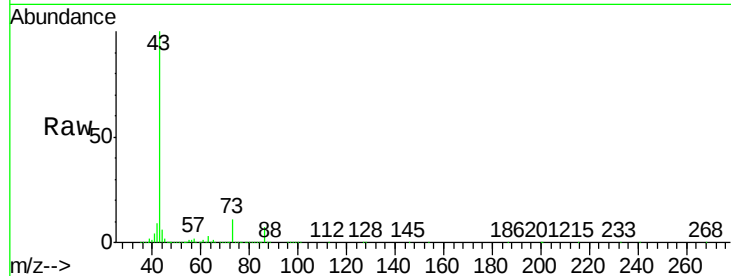
86 6.7 5.0 7.6

42 9.0 7.5 11.3

44 5.2 4.7 7.1

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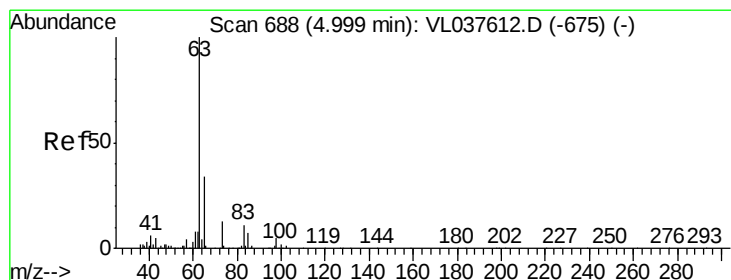
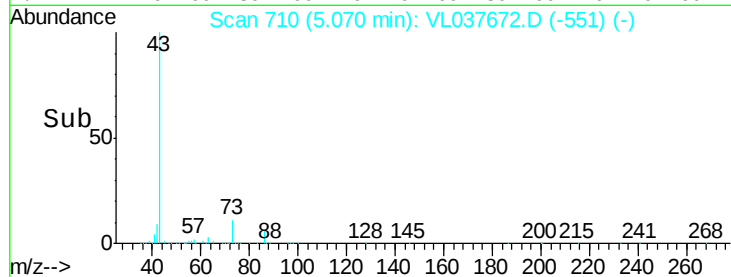
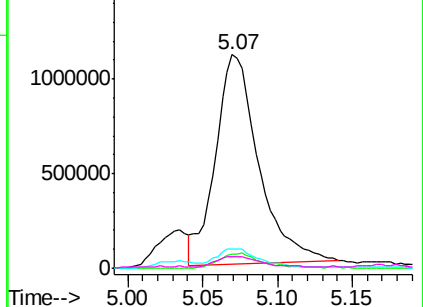


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 8.907 ppbv

RT: 5.01 min Scan# 692

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

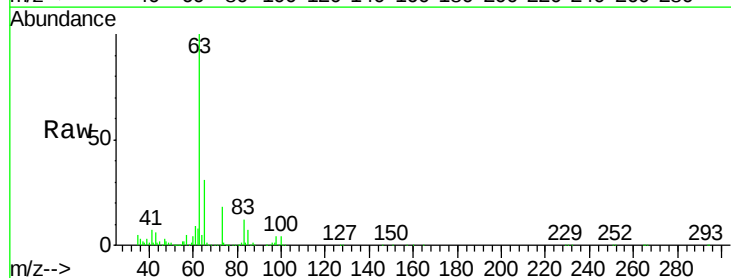
Tgt Ion: 63 Resp: 1578270

Ion Ratio Lower Upper

63 100

98 4.1 2.4 7.2

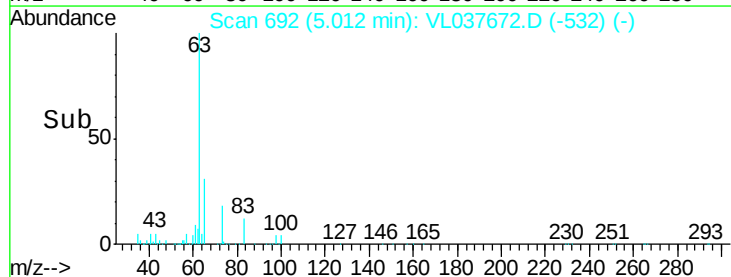
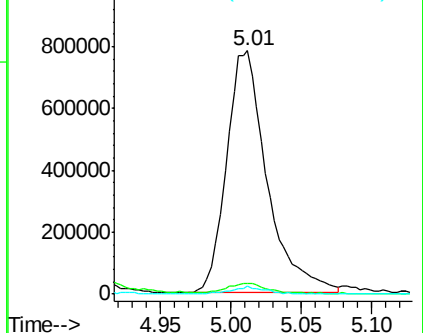
100 3.5 1.1 3.5#

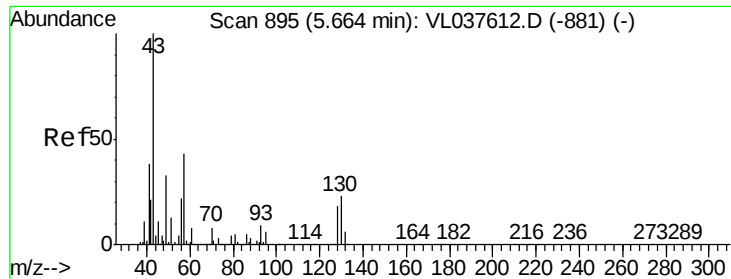


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





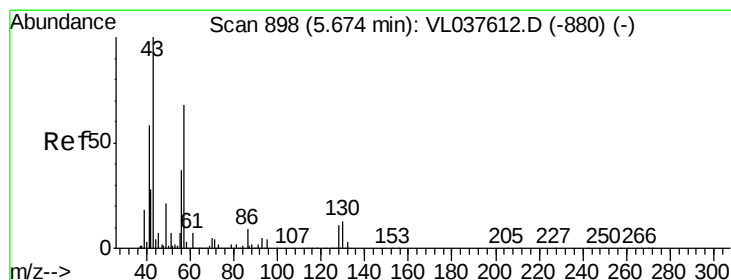
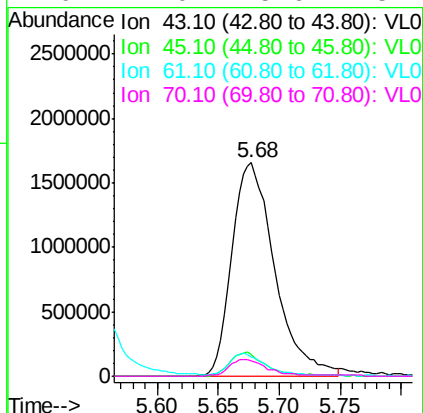
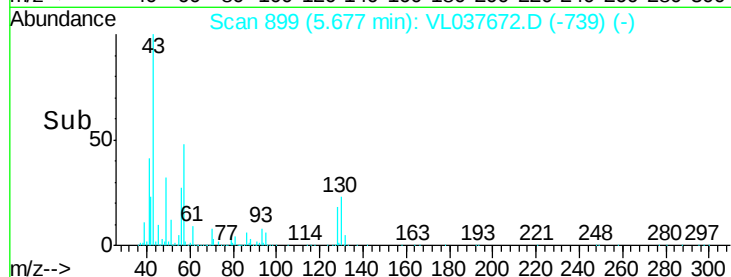
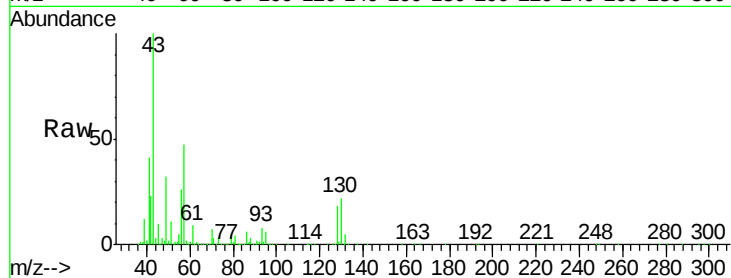
#25
Ethyl Acetate
Concen: 9.319 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	9.2	7.5	11.3
70	7.0	5.6	8.4

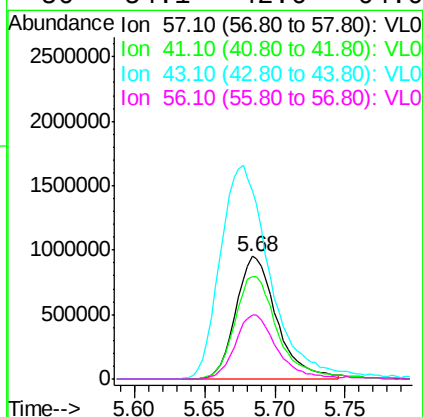
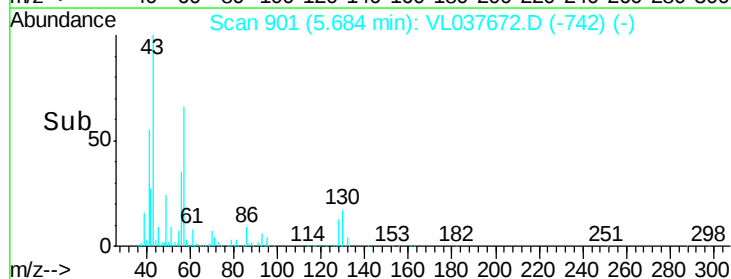
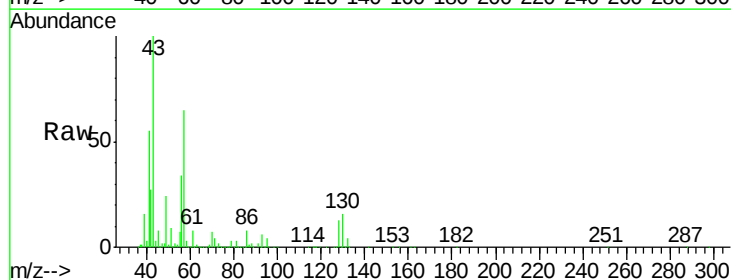
Manual Integrations
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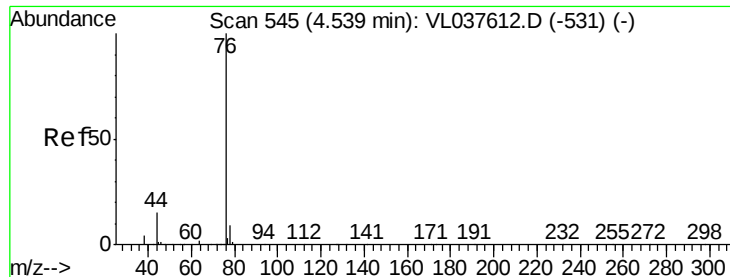
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#26
Hexane
Concen: 9.393 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion	Ratio	Lower	Upper
57	100		
41	89.5	70.9	106.3
43	214.5	170.4	255.6
56	54.1	42.6	64.0





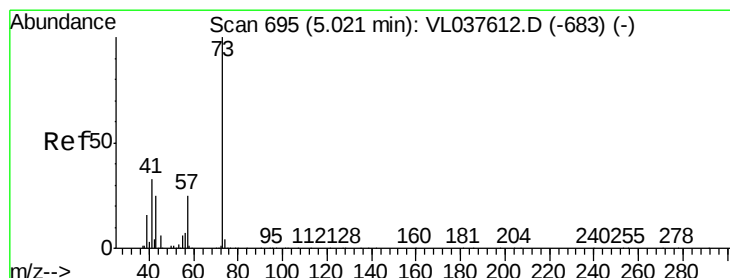
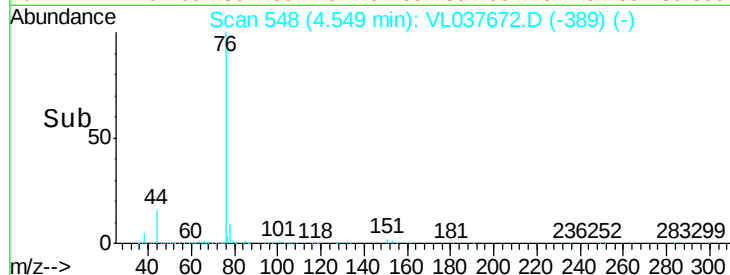
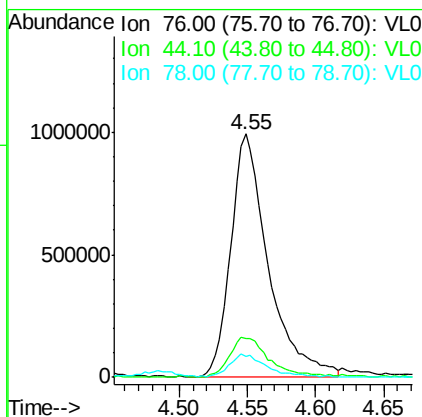
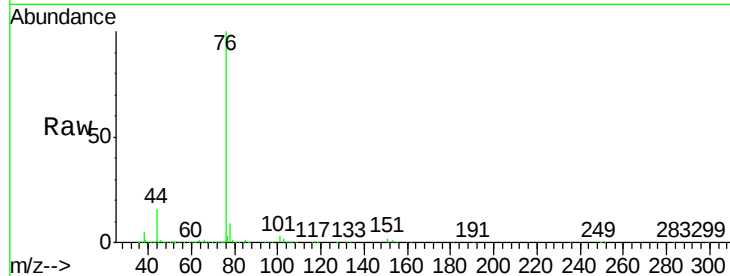
#27
Carbon Disulfide
Concen: 10.047 ppbv
RT: 4.55 min Scan# 548
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1890183
Ion Ratio Lower Upper
76 100
44 17.8 14.2 21.2
78 9.1 7.4 11.0

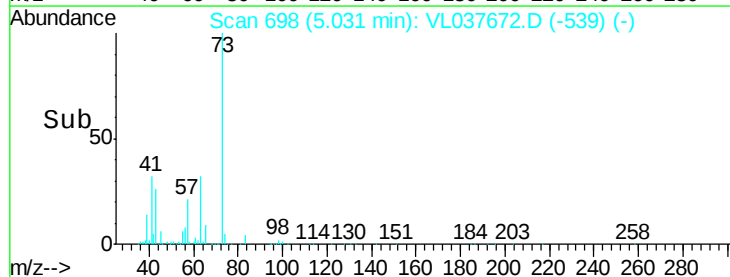
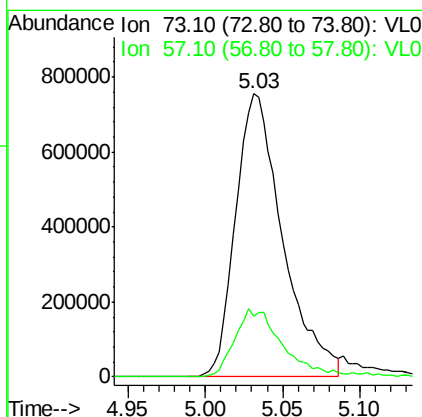
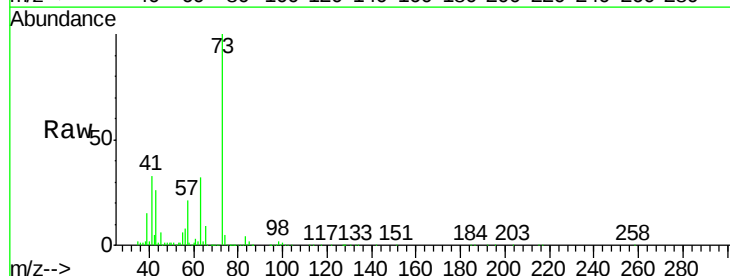
Manual Integrations
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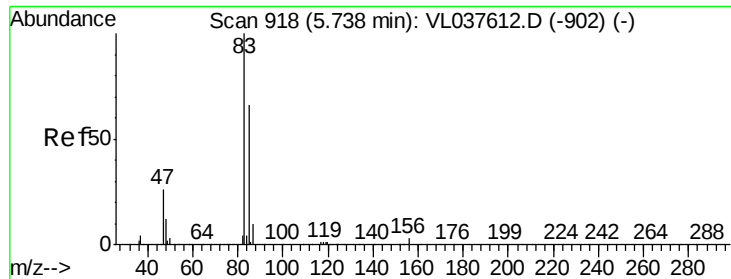
apatel
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#28
Methyl tert-Butyl Ether
Concen: 8.808 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion: 73 Resp: 1595392
Ion Ratio Lower Upper
73 100
57 25.4 20.1 30.1





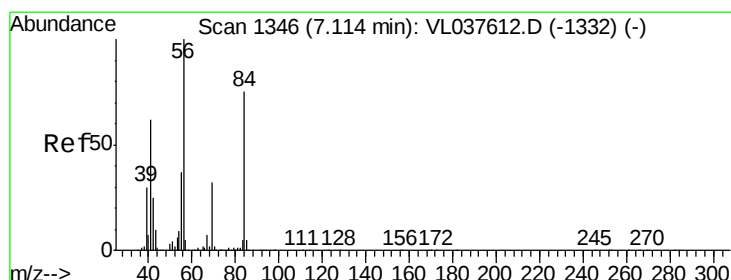
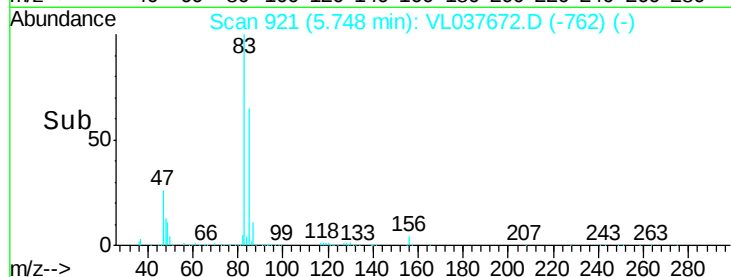
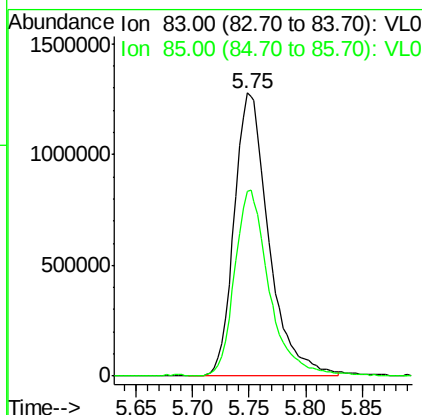
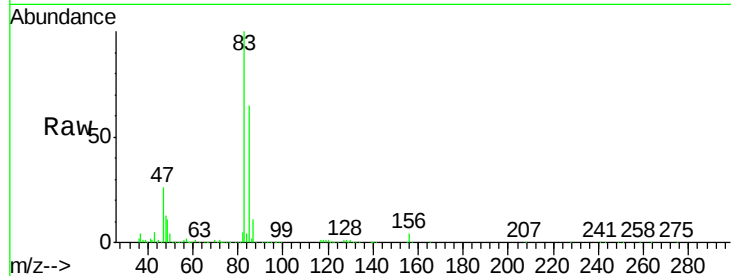
#29
Chloroform
Concen: 9.087 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tgt Ion: 83 Resp: 2728886
Ion Ratio Lower Upper
83 100
85 65.2 52.6 79.0

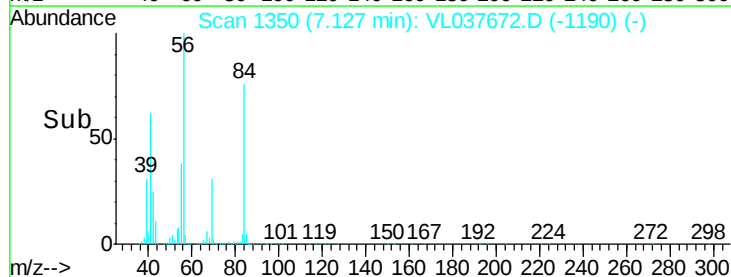
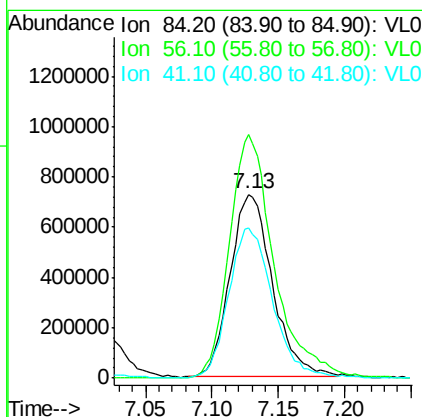
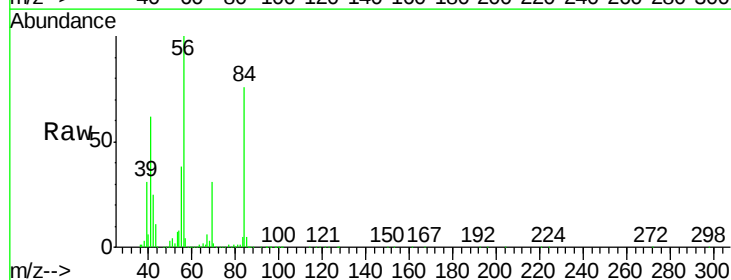
Manual Integrations
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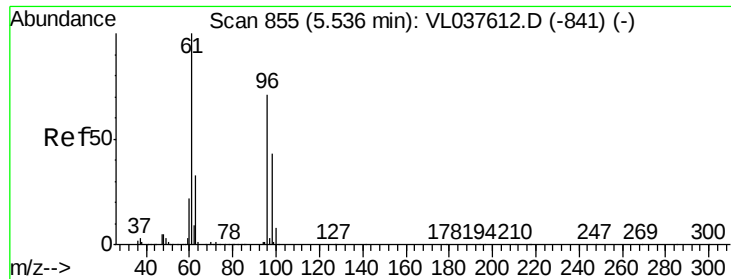
apatel
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#30
Cyclohexane
Concen: 9.212 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion: 84 Resp: 1620324
Ion Ratio Lower Upper
84 100
56 141.1 113.6 170.4
41 85.5 67.9 101.9





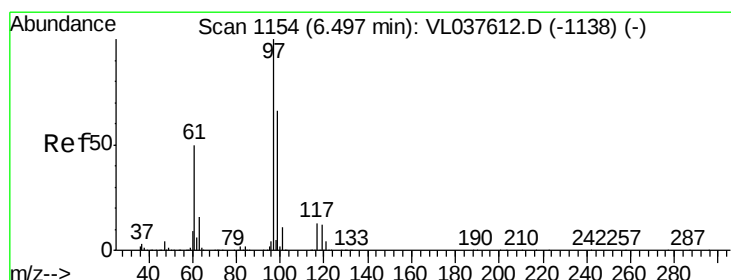
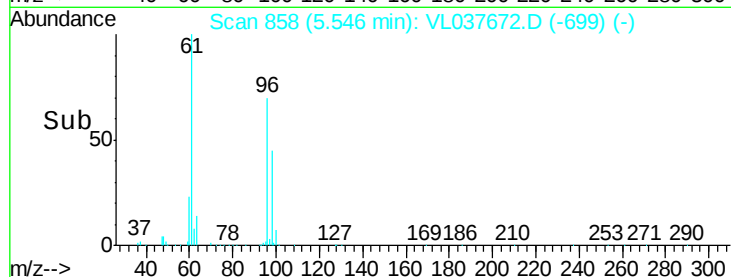
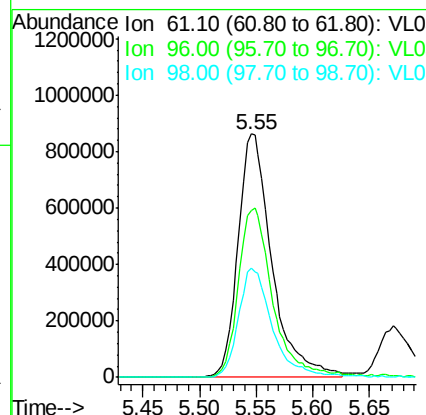
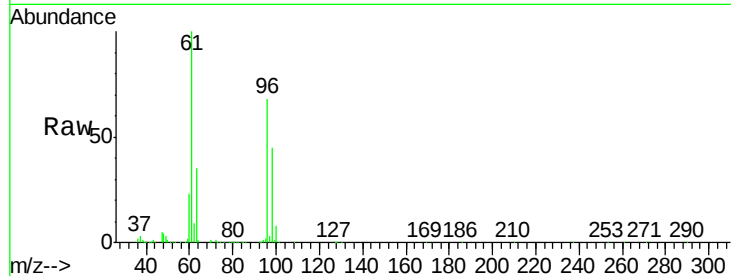
#31
 cis-1,2-Dichloroethene
 Concen: 9.641 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
61	100		
96	68.3	56.7	85.1
98	45.0	34.6	52.0

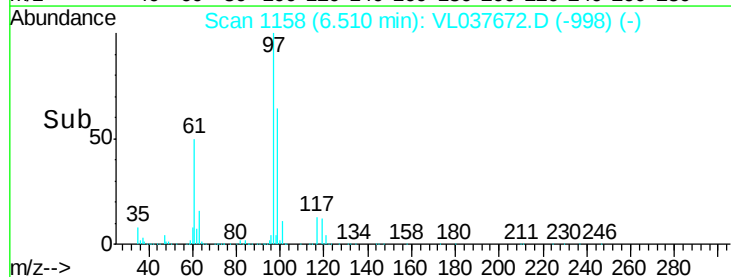
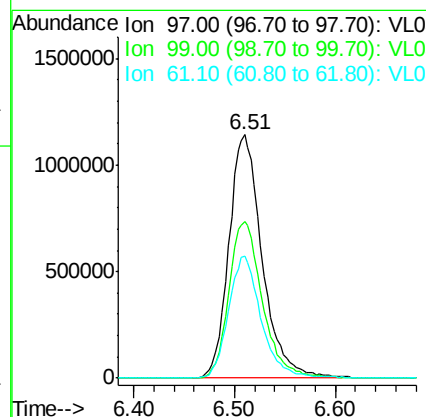
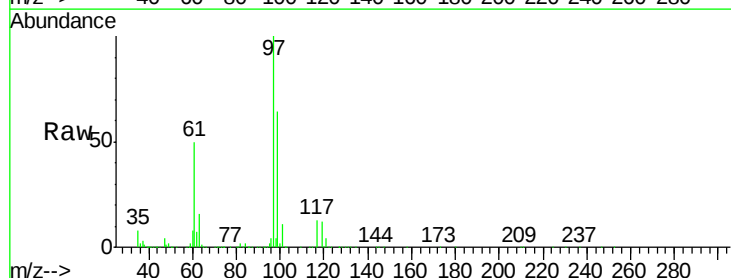
Manual Integrations
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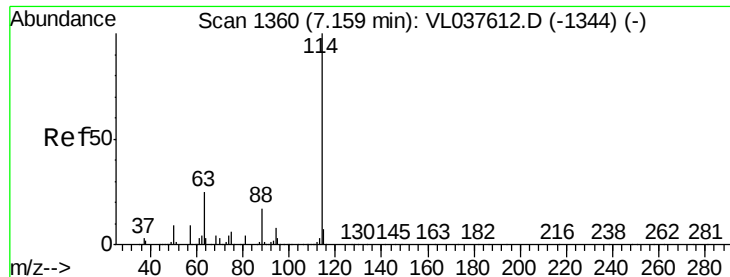
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#32
 1,1,1-Trichloroethane
 Concen: 9.400 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.3	78.5
61	49.7	39.5	59.3





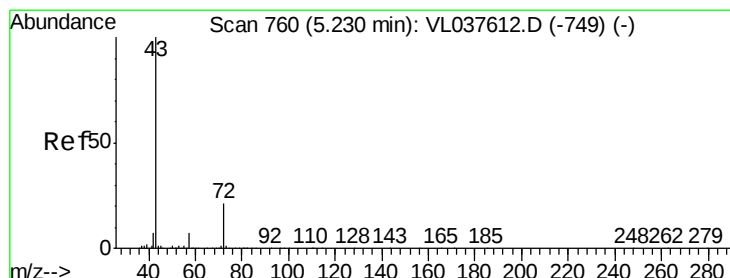
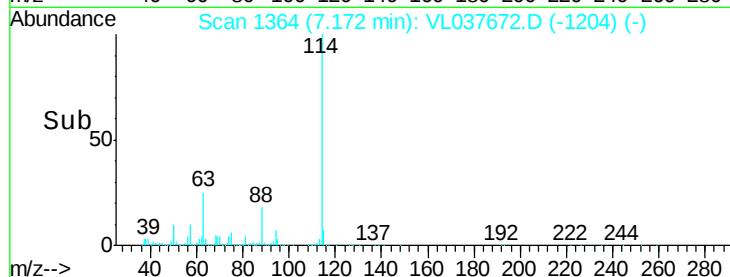
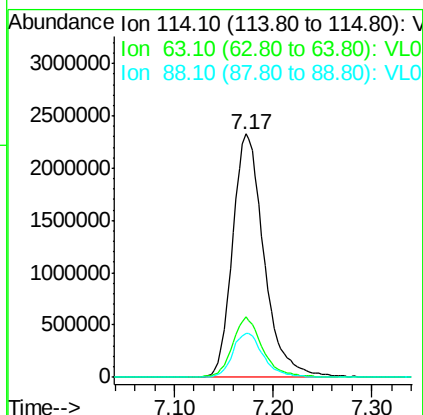
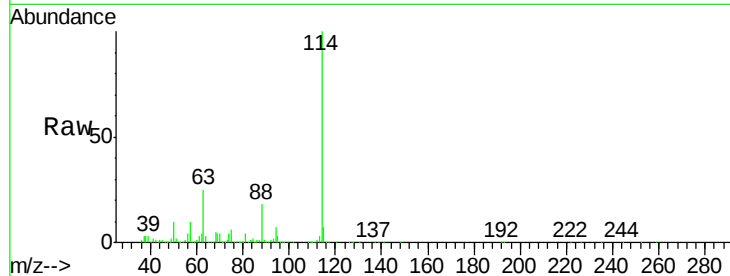
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 114 Resp: 5155901
 Ion Ratio Lower Upper
 114 100
 63 24.0 19.6 29.4
 88 17.9 14.2 21.4

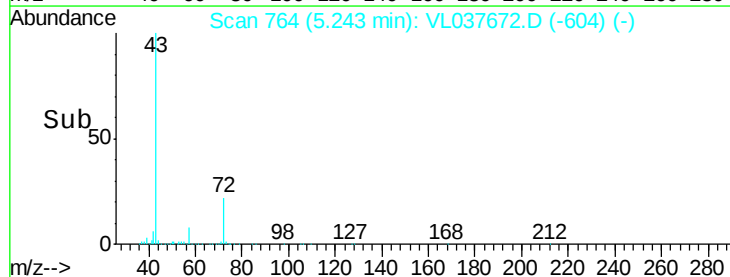
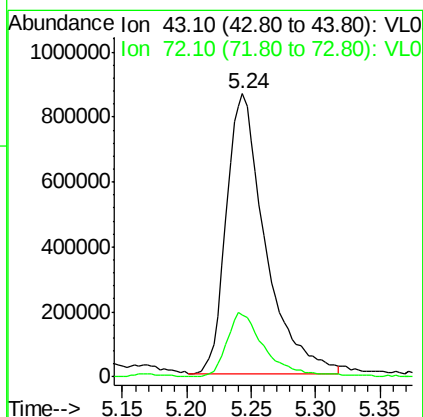
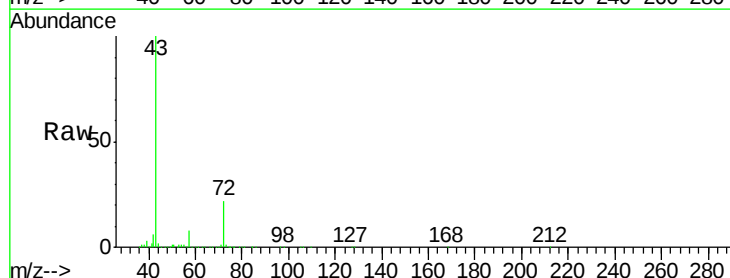
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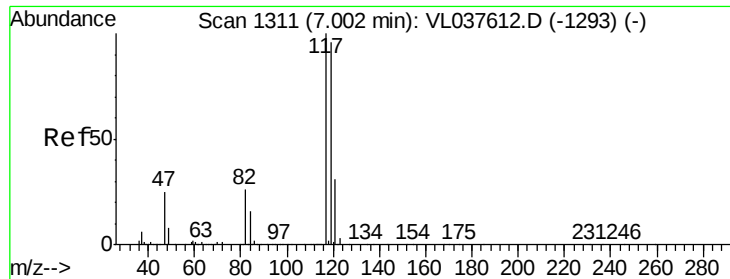
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#34
 2-Butanone
 Concen: 8.652 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Tgt Ion: 43 Resp: 1812822
 Ion Ratio Lower Upper
 43 100
 72 23.0 18.4 27.6





#35

Carbon Tetrachloride

Concen: 9.302 ppbv

RT: 7.02 min Scan# 1316

Delta R.T. 0.02 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 117 Resp: 2713005

Ion Ratio Lower Upper

117 100

119 96.1 77.0 115.6

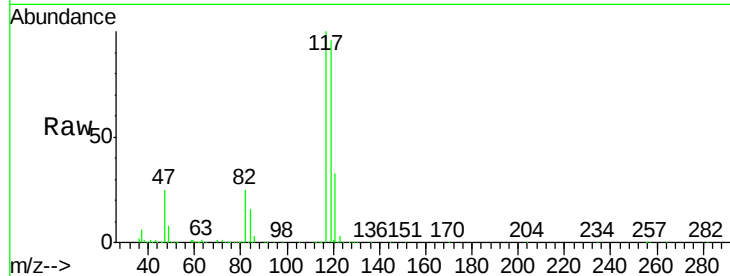
121 32.9 24.5 36.7

Manual Integrations

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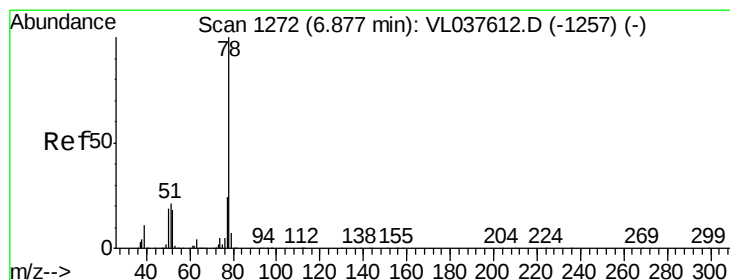
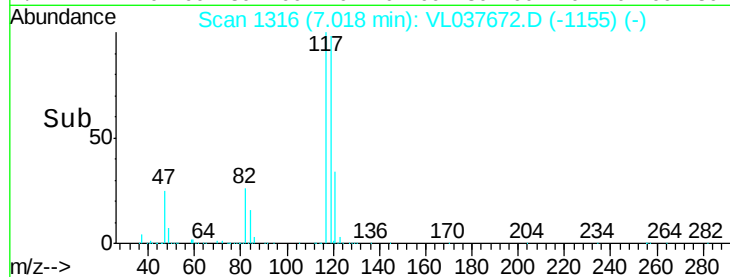
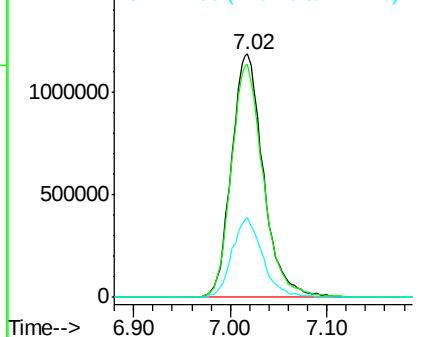
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.234 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

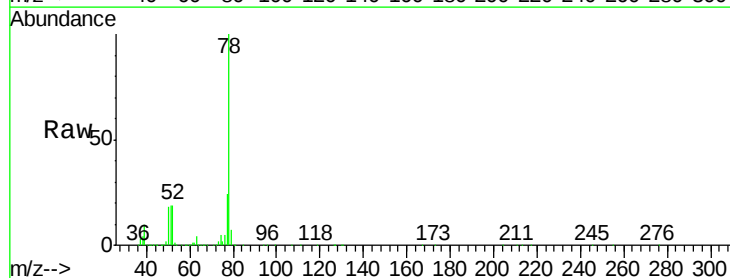
Tgt Ion: 78 Resp: 3969790

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4

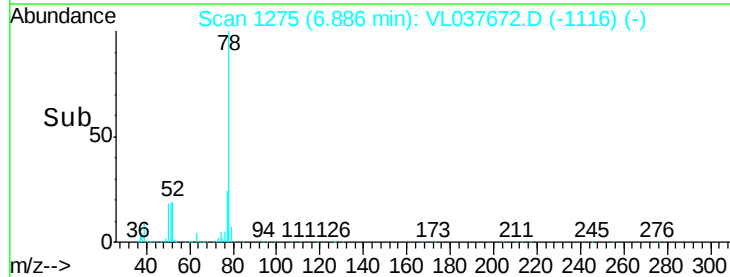
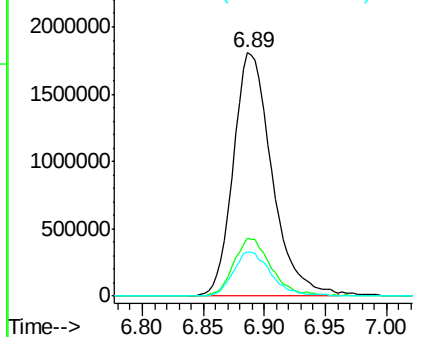
50 17.9 14.8 22.2

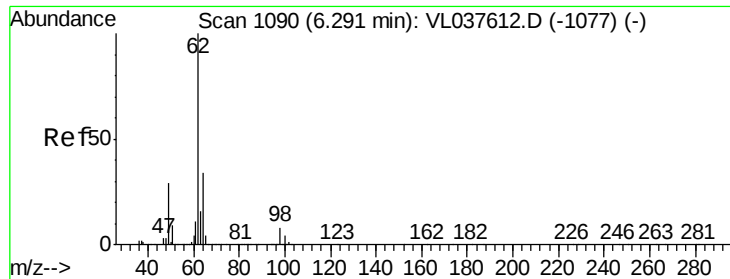


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





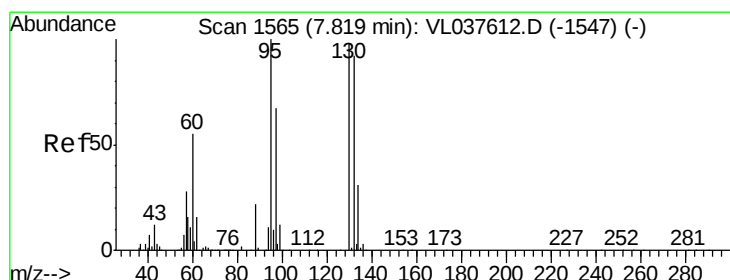
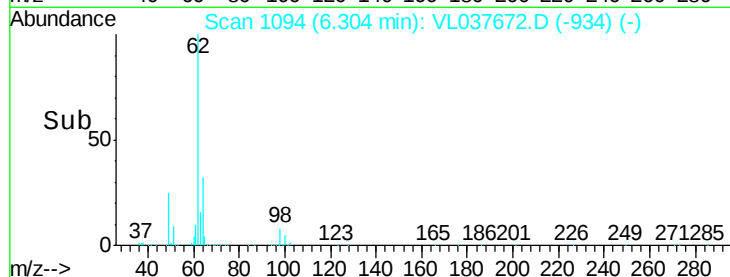
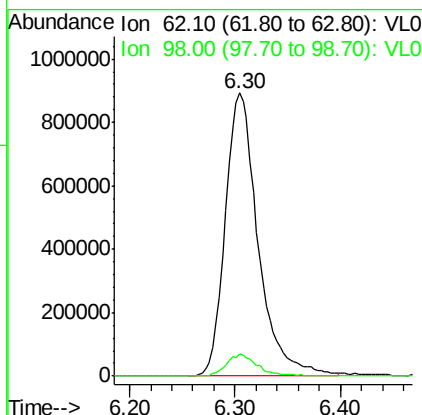
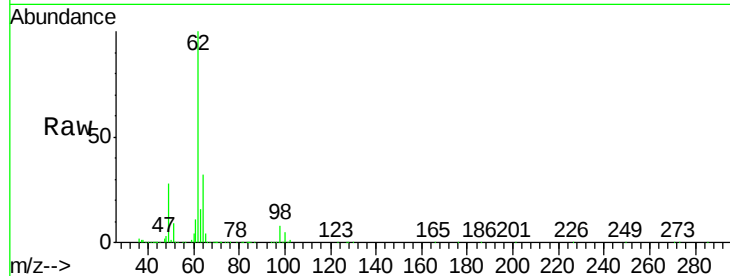
#37
 1,2-Dichloroethane
 Concen: 9.100 ppbv
 RT: 6.30 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 1924263
 Ion Ratio Lower Upper
 62 100
 98 7.8 6.1 9.1

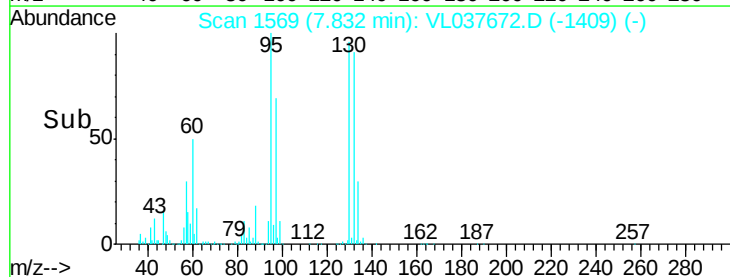
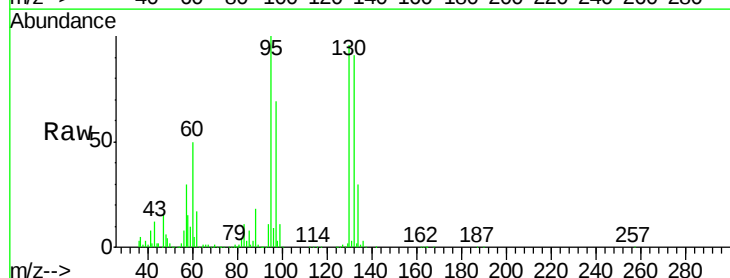
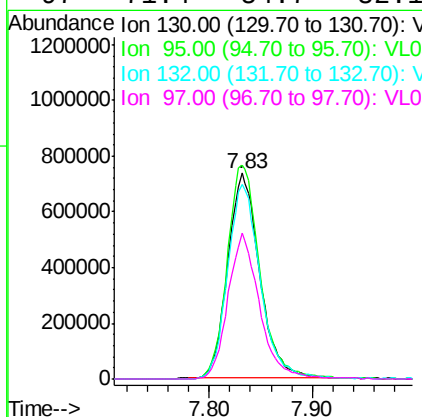
Manual Integrations
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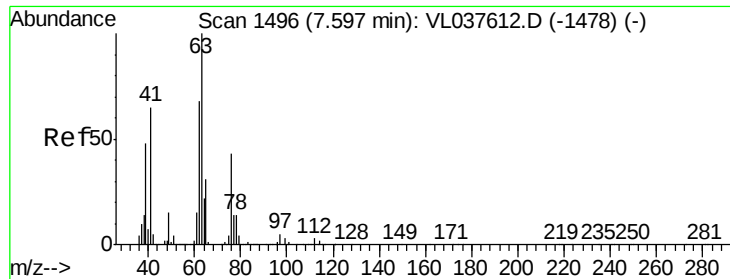
apatel
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#38
 Trichloroethene
 Concen: 8.800 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Tgt Ion: 130 Resp: 1580364
 Ion Ratio Lower Upper
 130 100
 95 104.2 81.8 122.6
 132 94.6 75.3 112.9
 97 71.4 54.7 82.1





#39

1,2-Dichloropropane

Concen: 9.136 ppbv

RT: 7.61 min Scan# 1500

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 1504385

Ion Ratio Lower Upper

63 100

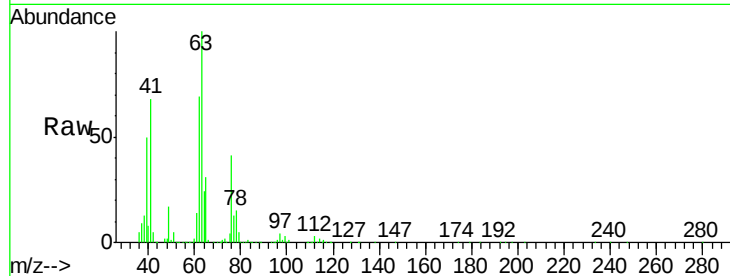
41 67.8 51.6 77.4

62 69.4 54.6 81.8

Manual Integrations
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apatel

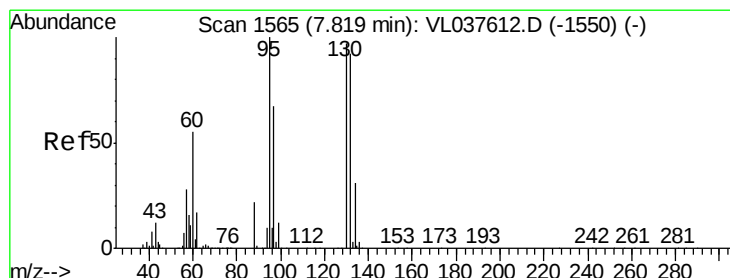
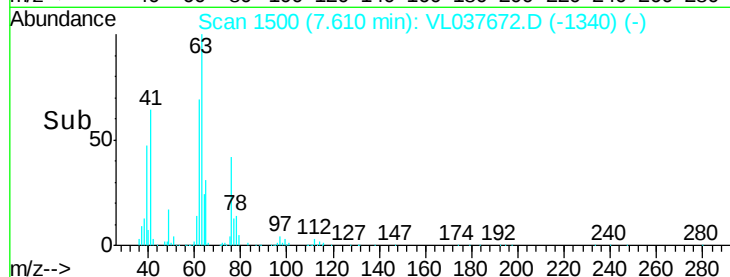
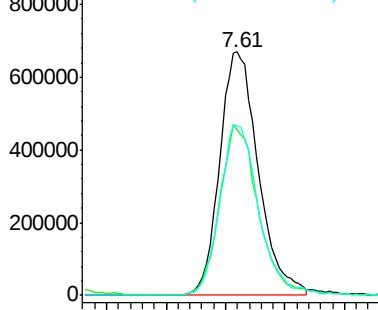
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Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 9.272 ppbv m

RT: 7.83 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Tgt Ion: 88 Resp: 371419

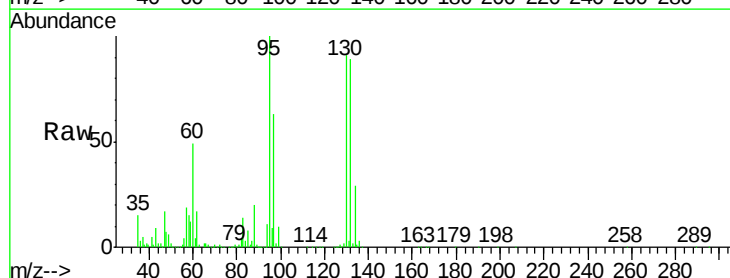
Ion Ratio Lower Upper

88 100

58 0.0 122.4 183.6#

43 0.0 297.4 446.0#

57 0.0 1329.8 1994.8#

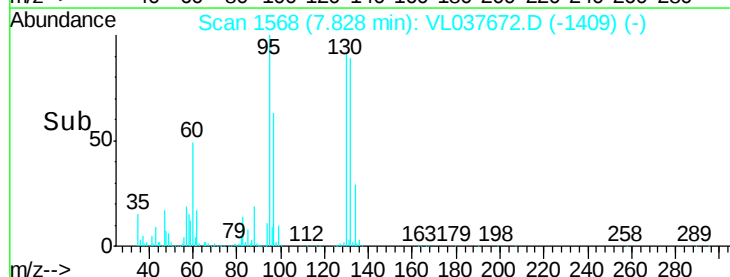
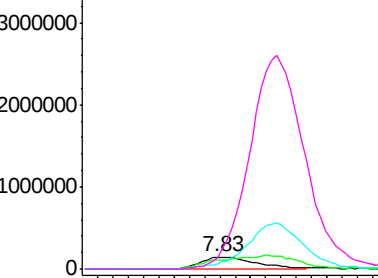


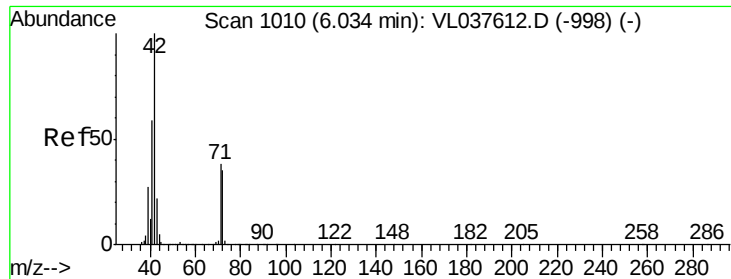
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





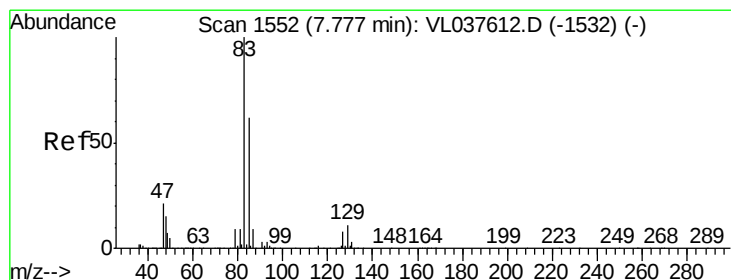
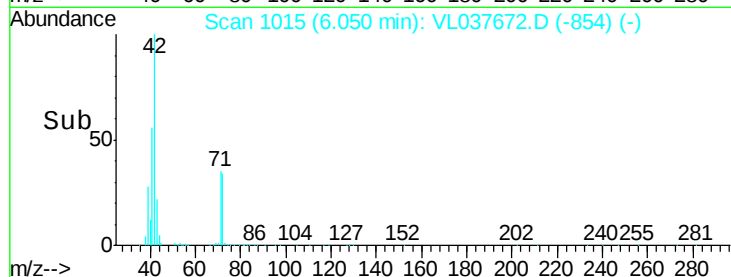
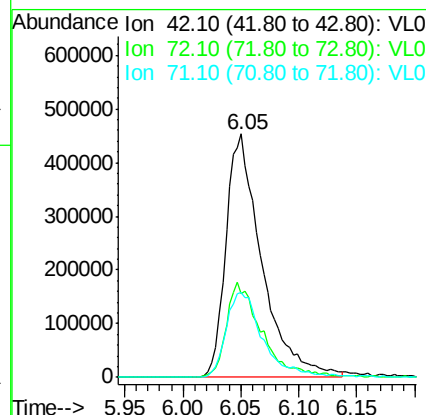
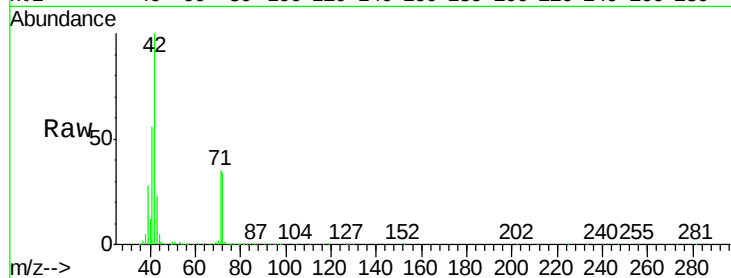
#41
Tetrahydrofuran
Concen: 9.873 ppbv
RT: 6.05 min Scan# 1015
Delta R.T. 0.02 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.8	31.4	47.2
71	36.8	30.6	46.0

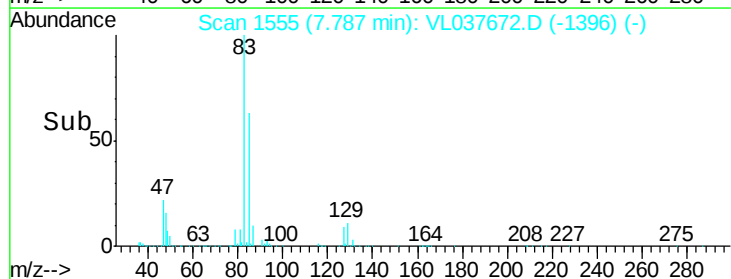
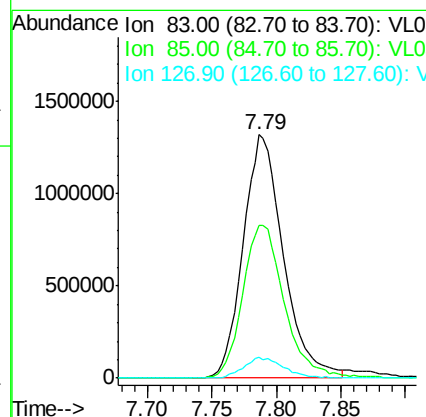
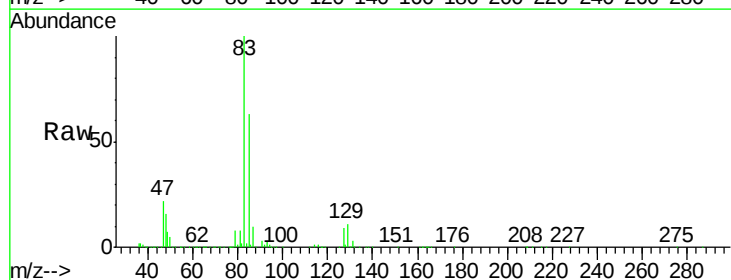
Manual Integrations
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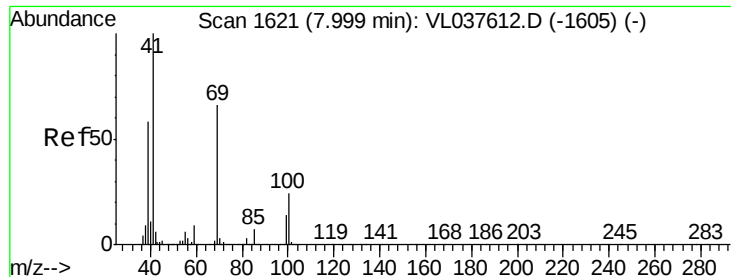
apatel
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#42
Bromodichloromethane
Concen: 9.452 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	49.8	74.6
127	8.7	6.4	9.6





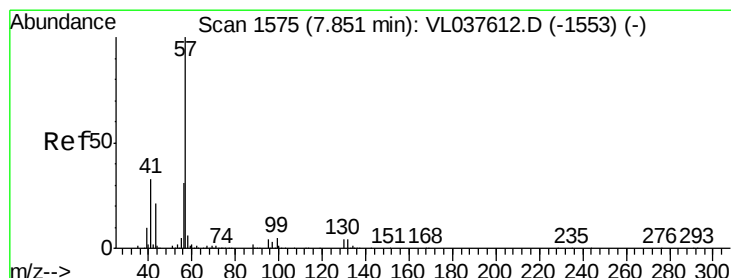
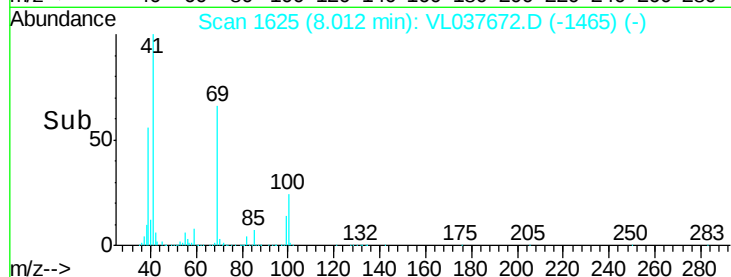
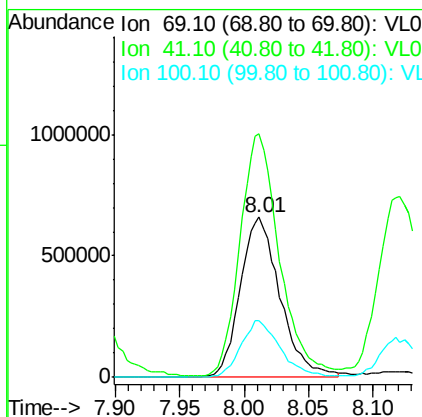
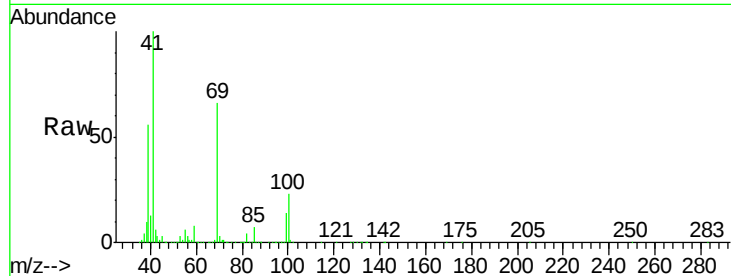
#43
Methyl Methacrylate
Concen: 9.907 ppbv
RT: 8.01 min Scan# 1625
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1416931
Ion Ratio Lower Upper
69 100
41 151.7 119.0 178.4
100 35.1 27.6 41.4

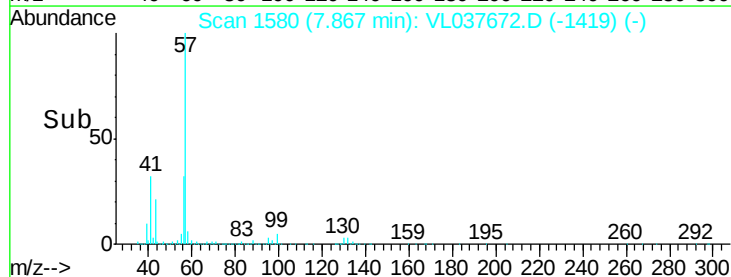
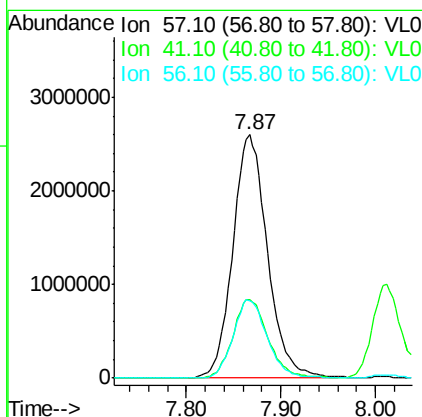
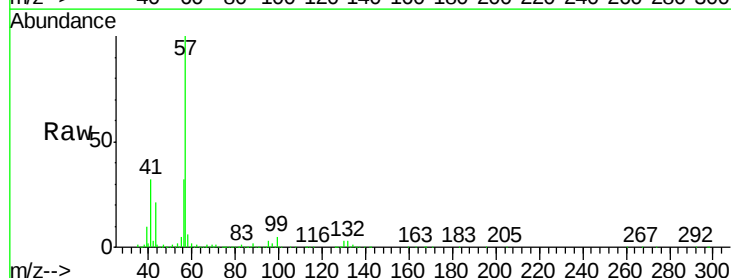
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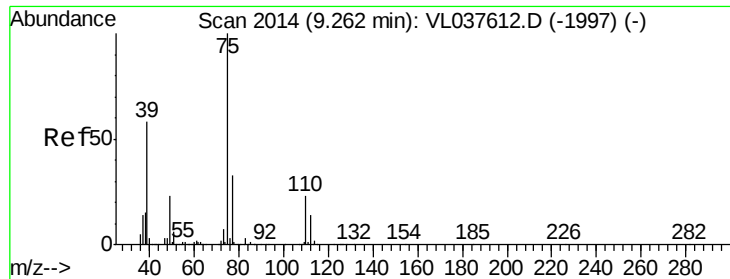
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#44
2,2,4-Trimethylpentane
Concen: 9.137 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion: 57 Resp: 6603738
Ion Ratio Lower Upper
57 100
41 33.0 26.1 39.1
56 31.9 25.7 38.5





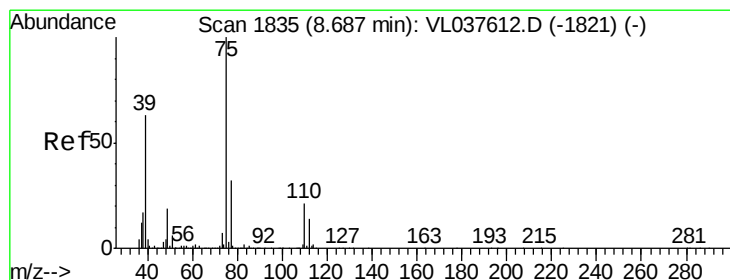
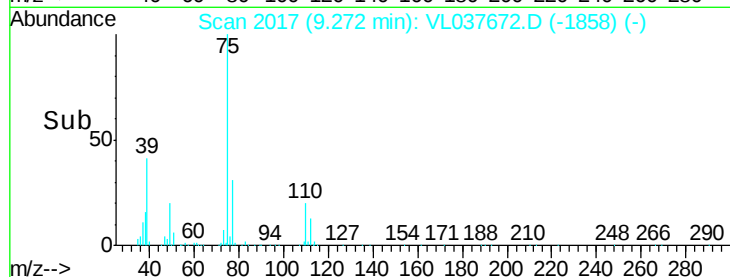
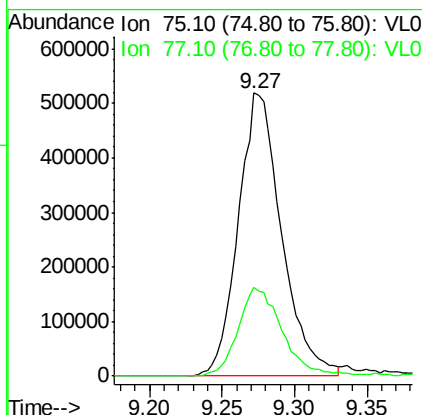
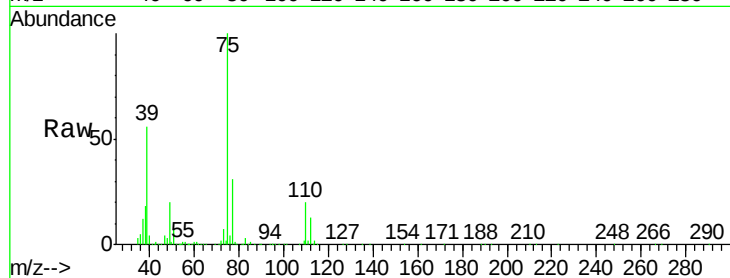
#45
t-1,3-Dichloropropene
Concen: 9.559 ppbv
RT: 9.27 min Scan# 2017
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1073893
Ion Ratio Lower Upper
75 100
77 31.2 26.3 39.5

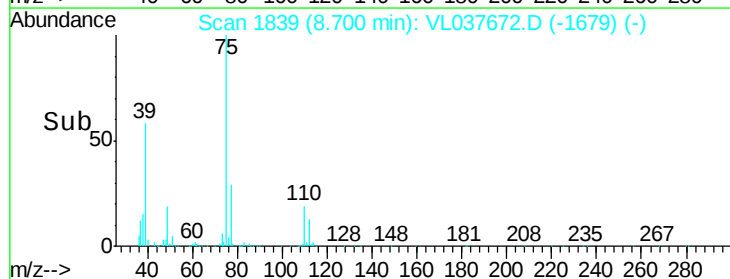
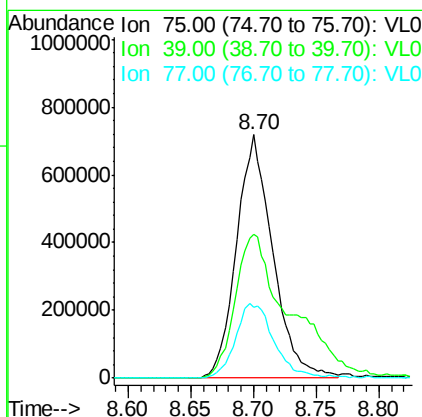
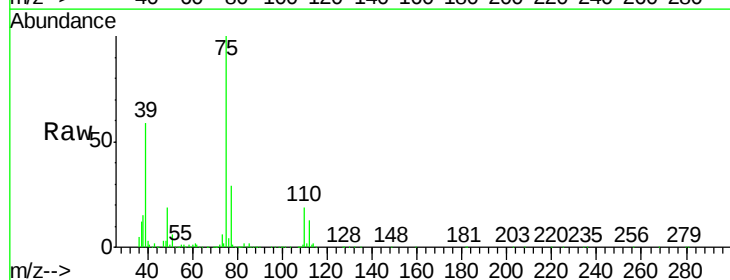
Manual Integrations
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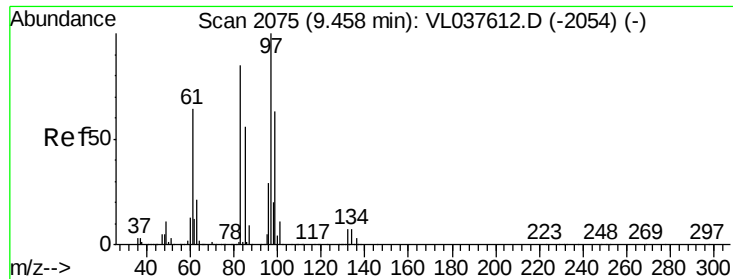
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#46
cis-1,3-Dichloropropene
Concen: 9.519 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion: 75 Resp: 1444544
Ion Ratio Lower Upper
75 100
39 59.2 50.2 75.4
77 29.1 25.2 37.8





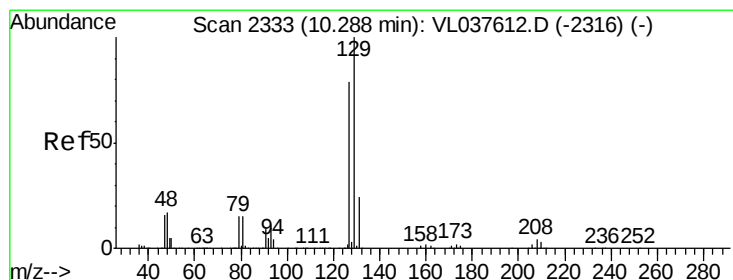
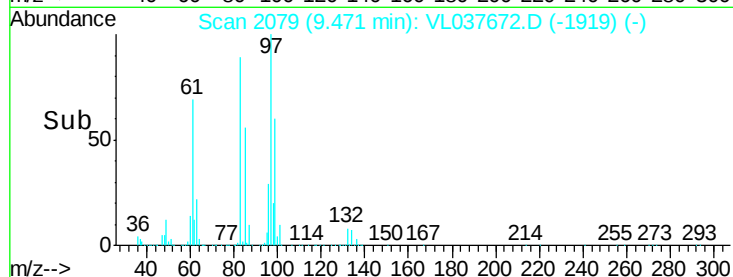
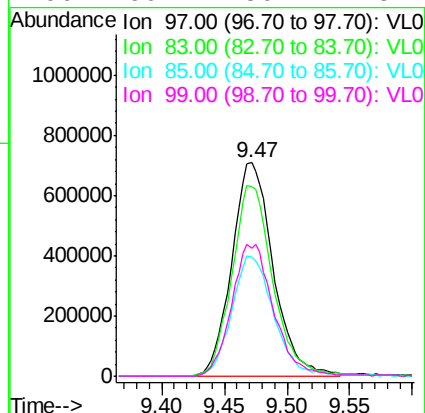
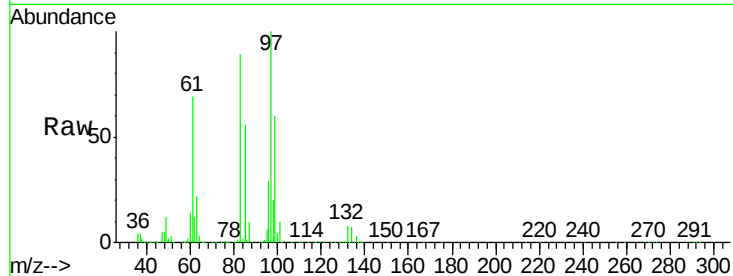
#47
 1,1,2-Trichloroethane
 Concen: 8.881 ppbv
 RT: 9.47 min Scan# 2079
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampled :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.7	67.9	101.9
85	55.4	44.8	67.2
99	60.1	50.1	75.1

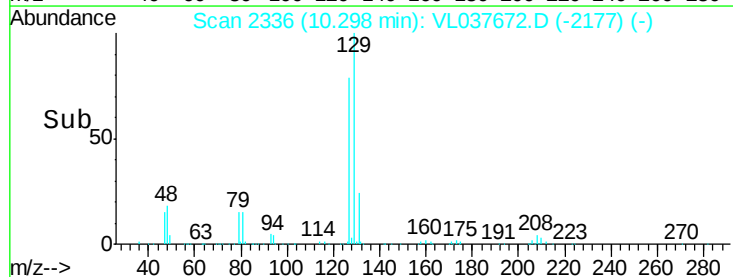
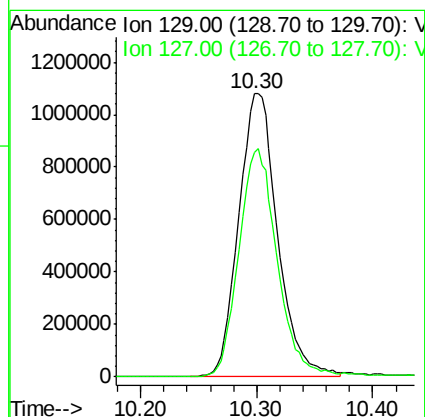
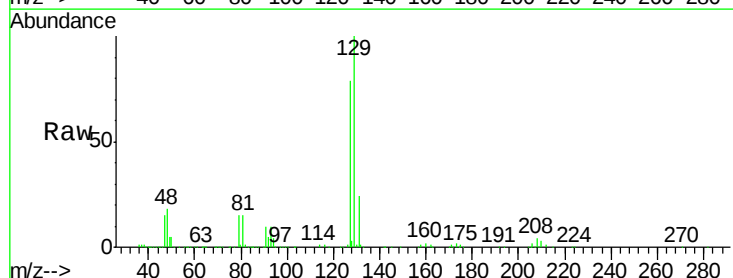
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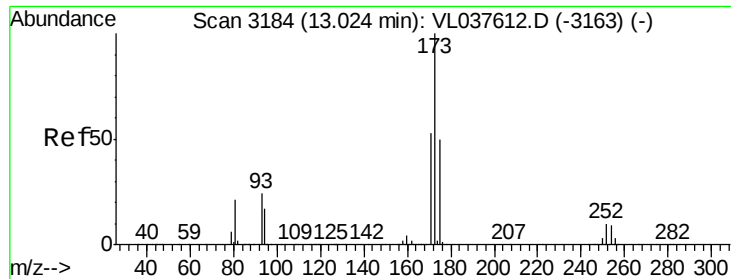
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#48
 Dibromochloromethane
 Concen: 9.893 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	81.0	39.3	117.8





#49

Bromoform

Concen: 10.030 ppbv

RT: 13.04 min Scan# 3188

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 173 Resp: 2039916

Ion Ratio Lower Upper

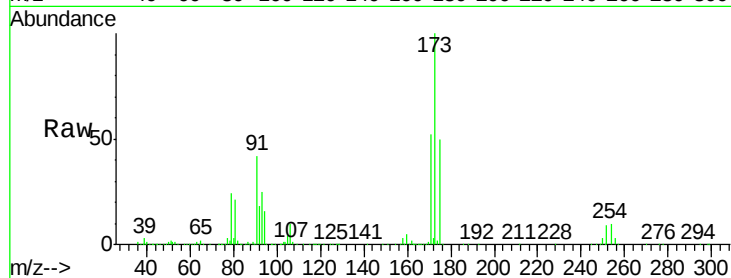
173 100

175 52.3 39.8 59.8

171 53.8 42.2 63.4

Manual Integrations
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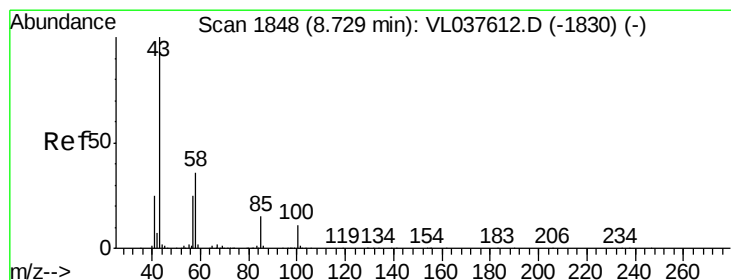
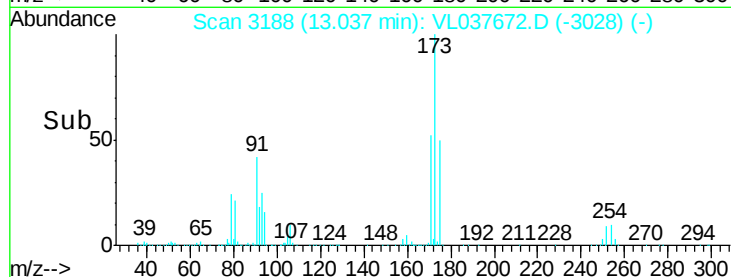
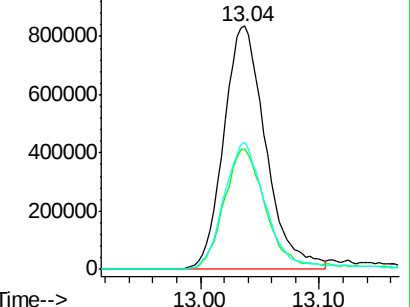
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.817 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.01 min

Lab File: VL037672.D

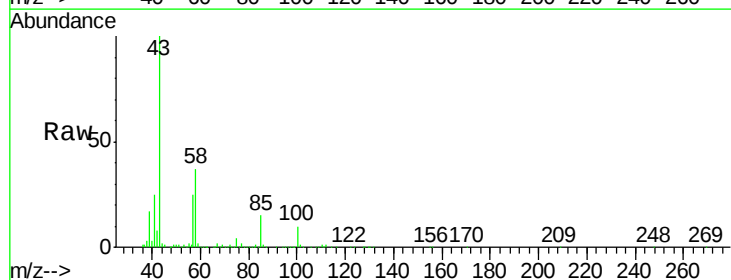
Acq: 27 Sep 2021 9:12

Tgt Ion: 43 Resp: 2610645

Ion Ratio Lower Upper

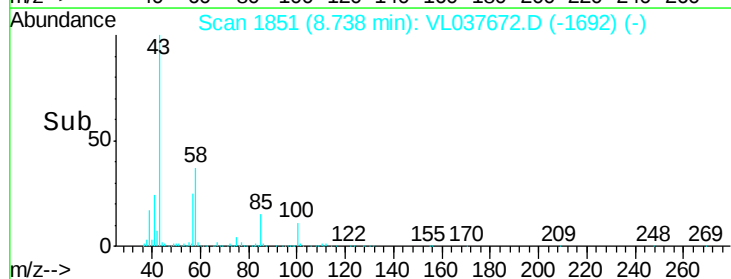
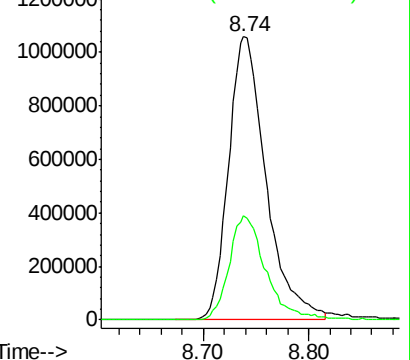
43 100

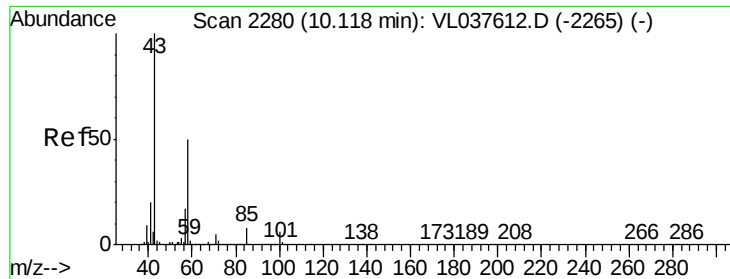
58 36.2 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.543 ppbv

RT: 10.13 min Scan# 2285

Delta R.T. 0.02 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 1237018

Ion Ratio Lower Upper

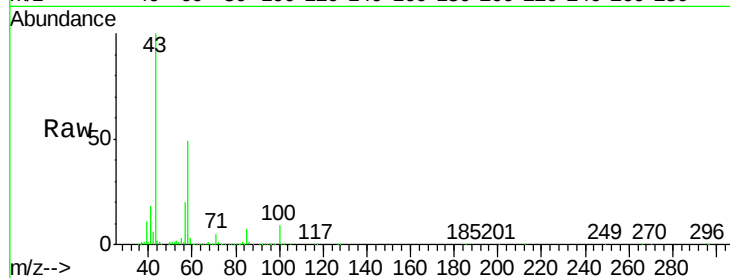
43 100

58 48.2 39.3 58.9

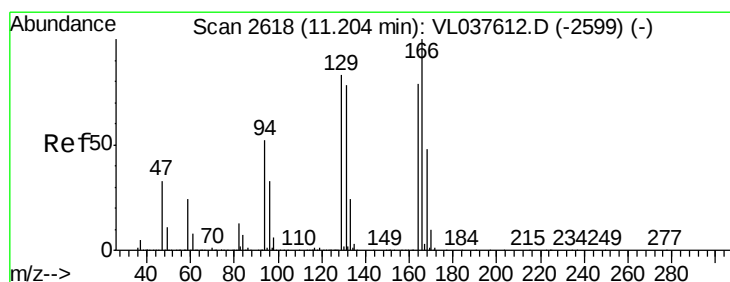
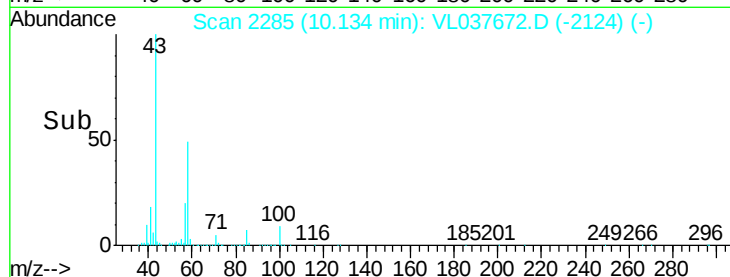
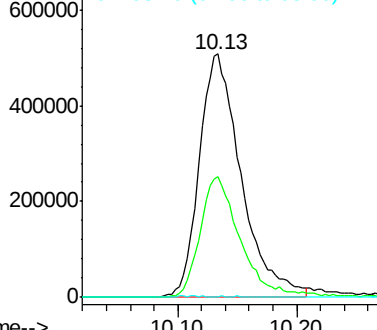
98 0.7 0.4 0.6#

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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: 8.761 ppbv

RT: 11.22 min Scan# 2622

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Tgt Ion: 164 Resp: 1446061

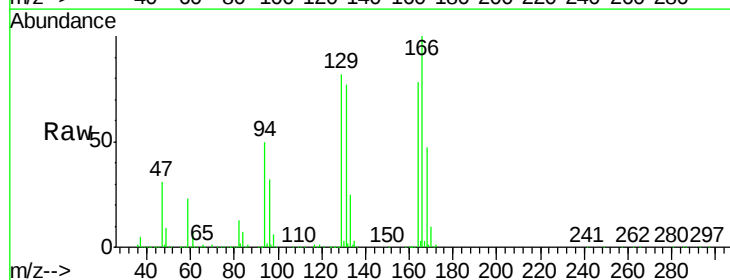
Ion Ratio Lower Upper

164 100

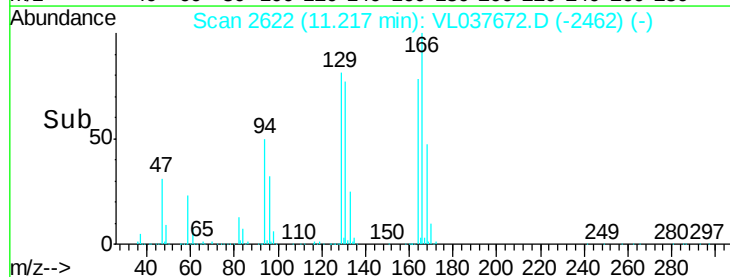
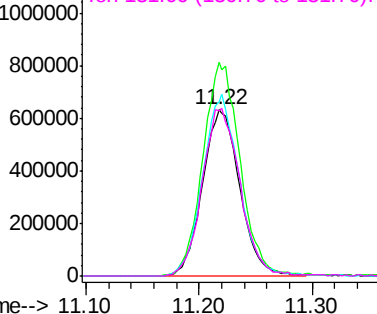
166 128.6 101.2 151.8

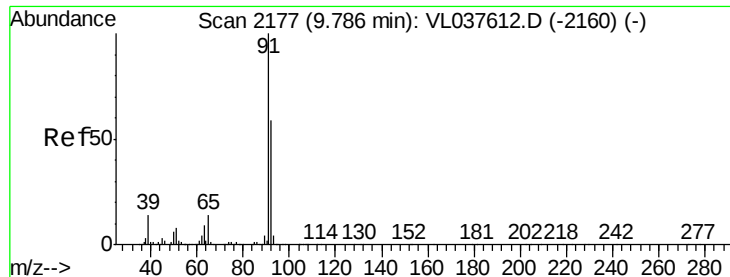
129 104.7 84.0 126.0

131 99.4 78.8 118.2



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: 9.602 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. 0.02 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 4588455

Ion Ratio Lower Upper

91 100

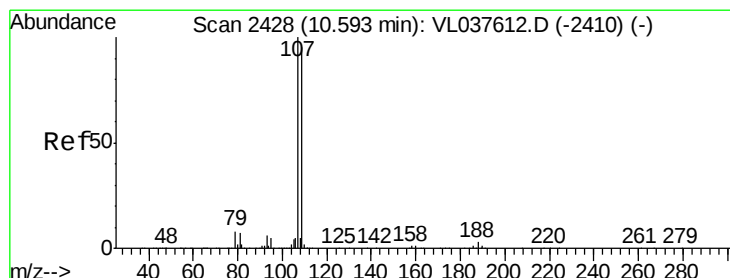
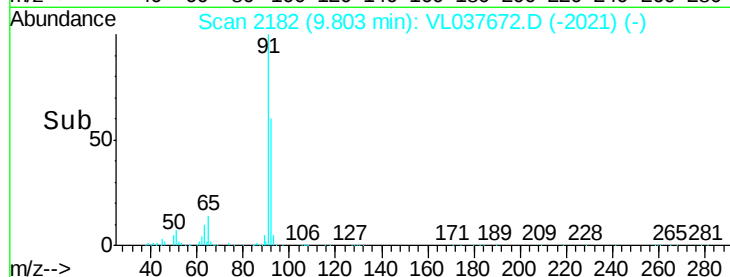
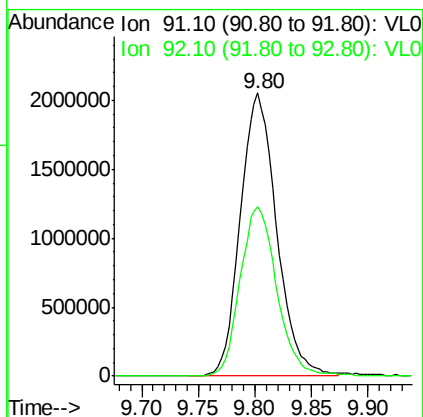
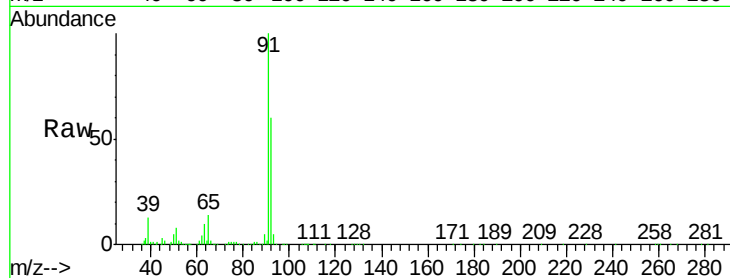
92 61.1 48.9 73.3

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#54

1,2-Dibromoethane

Concen: 9.040 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.01 min

Lab File: VL037672.D

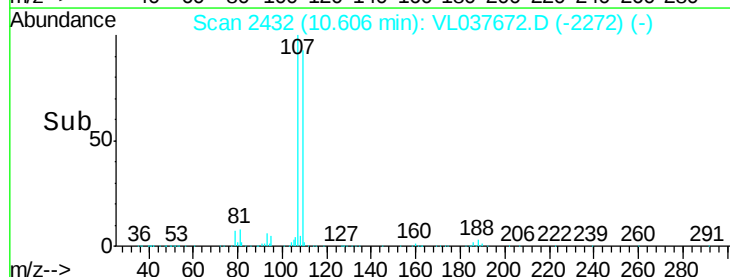
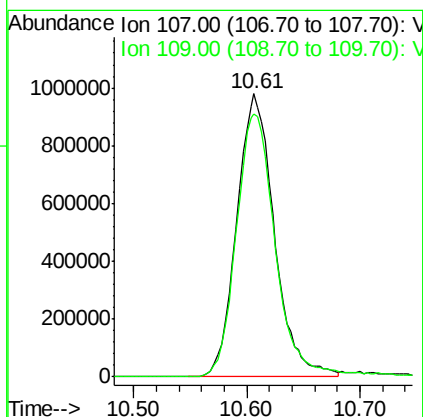
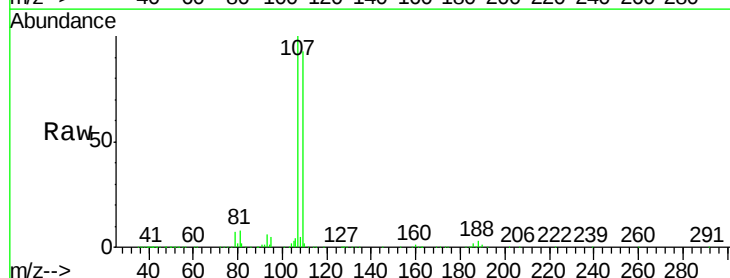
Acq: 27 Sep 2021 9:12

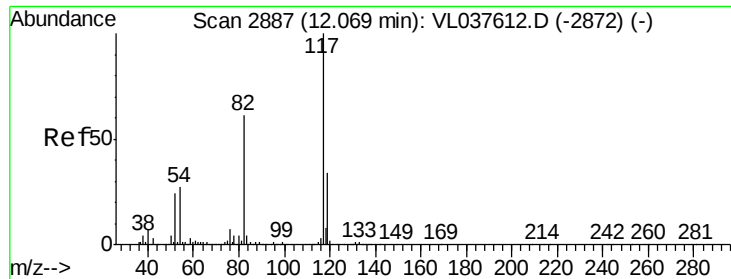
Tgt Ion: 107 Resp: 2254756

Ion Ratio Lower Upper

107 100

109 92.8 76.0 114.0





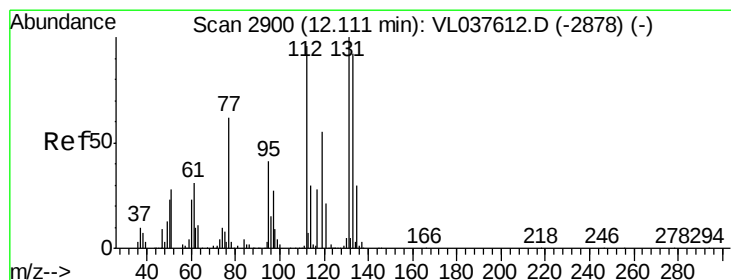
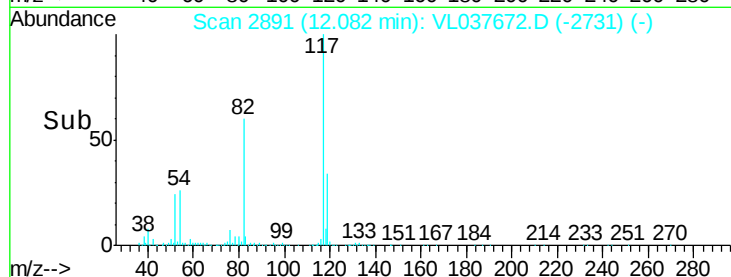
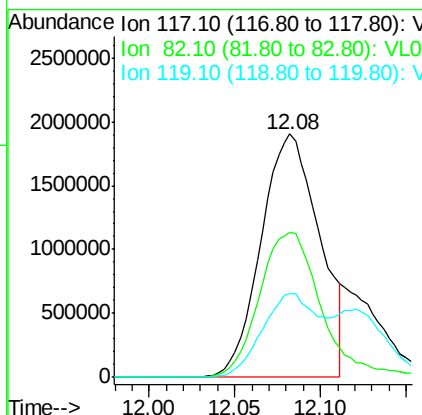
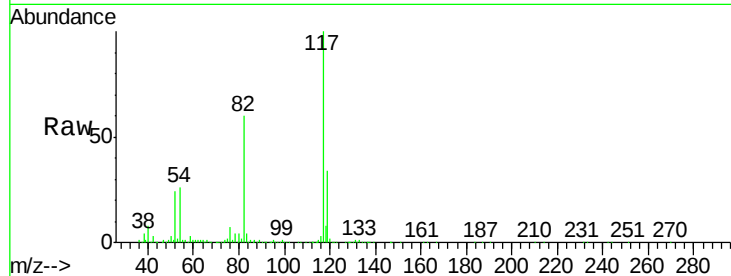
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08 min Scan# 2891
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 4509953
Ion Ratio Lower Upper
117 100
82 65.6 50.6 75.8
119 60.4 26.2 39.2#

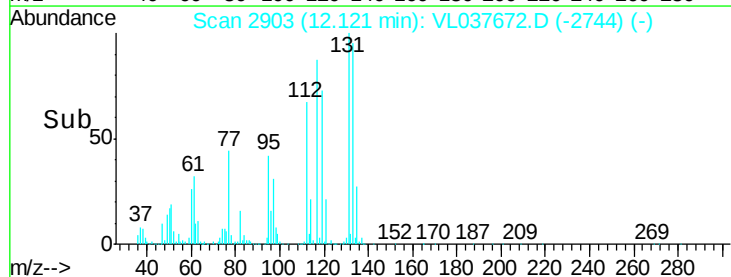
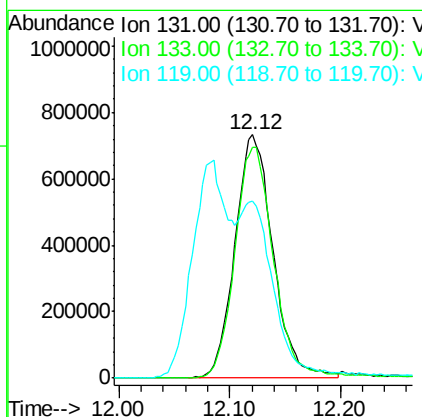
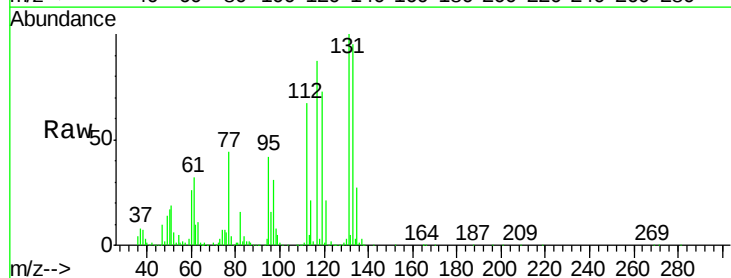
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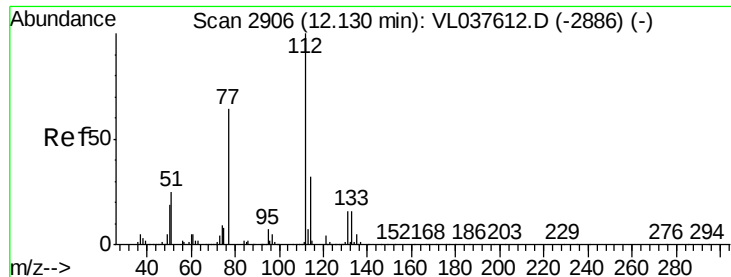
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.363 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion:131 Resp: 1751501
Ion Ratio Lower Upper
131 100
133 98.2 76.8 115.2
119 156.2 47.8 71.8#





#57

Chlorobenzene

Concen: 8.947 ppbv

RT: 12.14 min Scan# 2910

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 112 Resp: 3354748

Ion Ratio Lower Upper

112 100

77 64.1 52.1 78.1

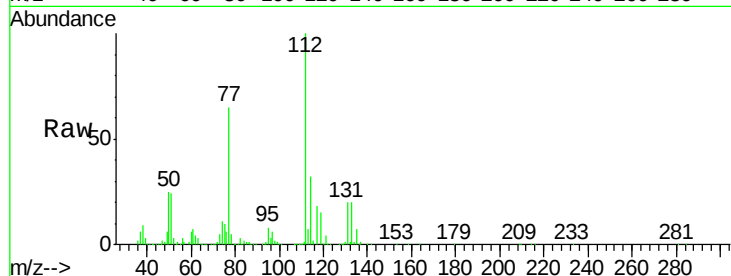
114 31.6 29.2 35.6

Manual Integrations

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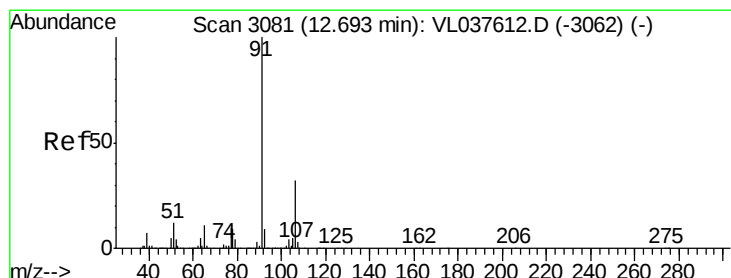
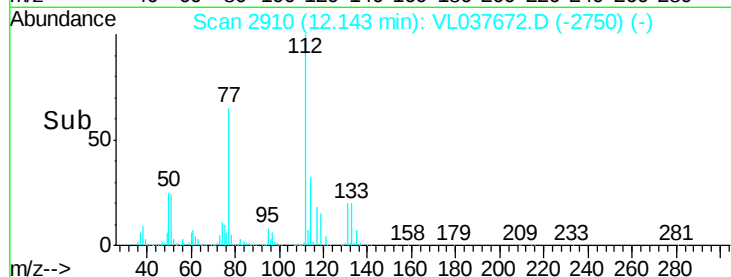
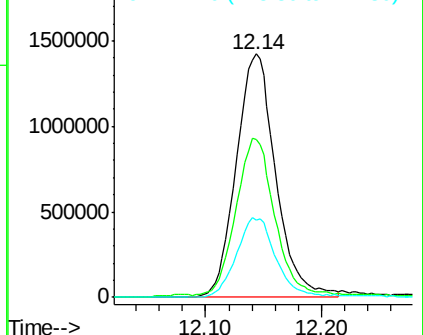
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Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 9.603 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. 0.01 min

Lab File: VL037672.D

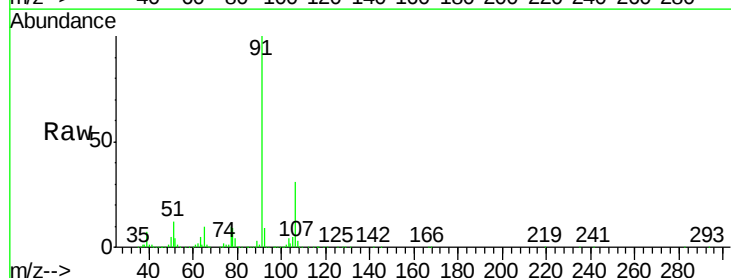
Acq: 27 Sep 2021 9:12

Tgt Ion: 91 Resp: 5749336

Ion Ratio Lower Upper

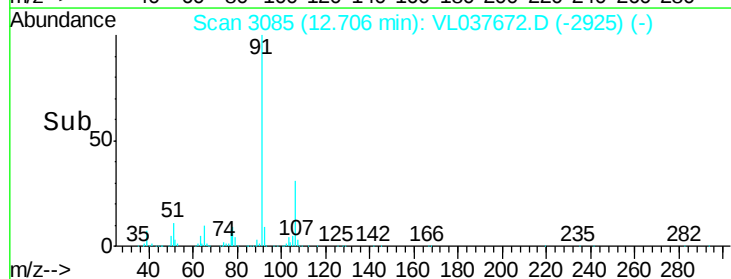
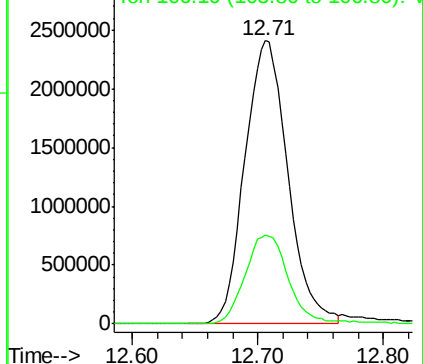
91 100

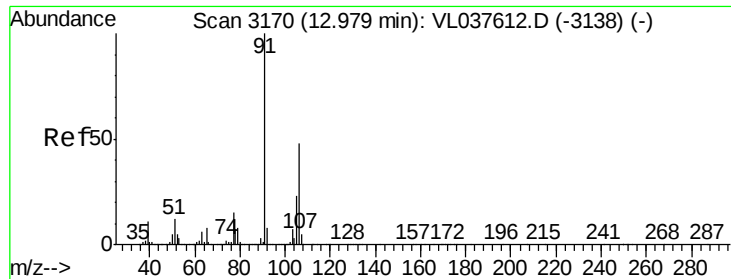
106 31.3 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





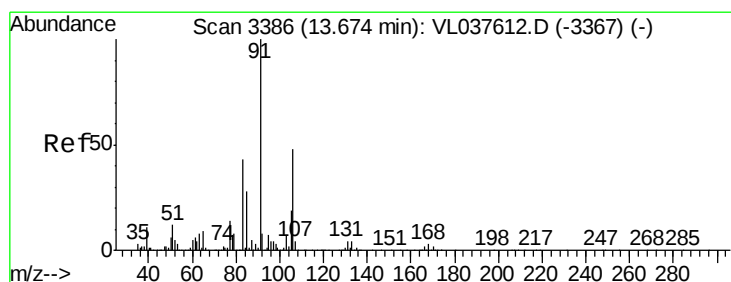
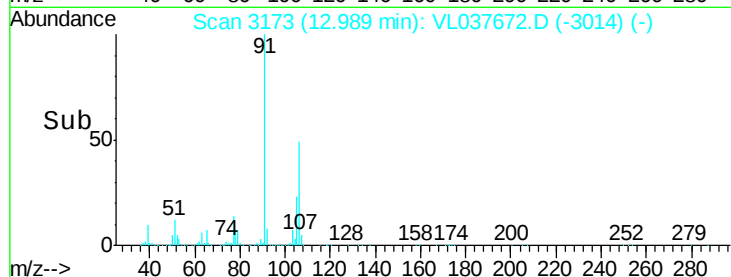
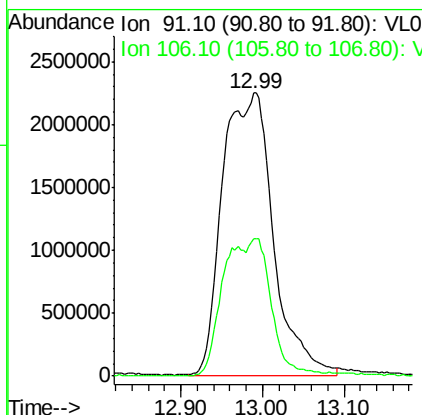
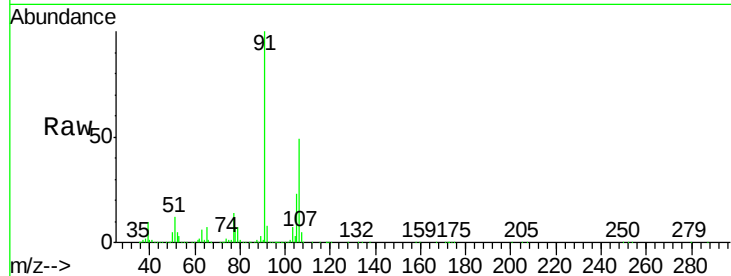
#59
m/p-Xylene
Concen: 18.754 ppbv m
RT: 12.99 min Scan# 3173
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 9784134
Ion Ratio Lower Upper
91 100
106 46.9 36.6 55.0

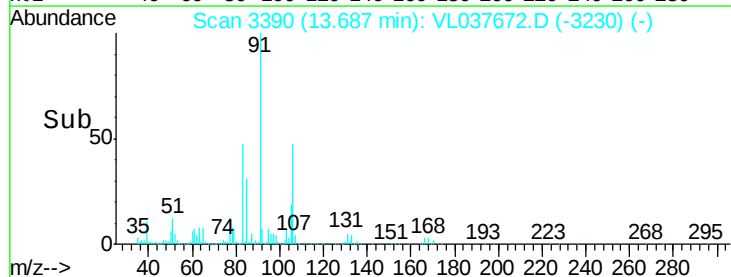
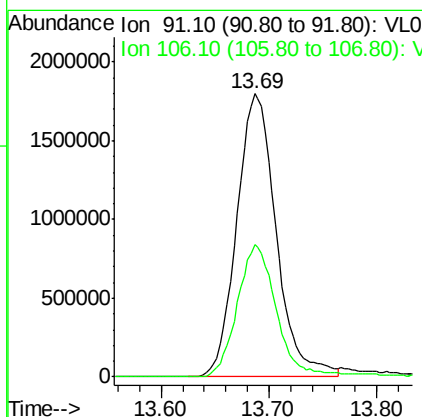
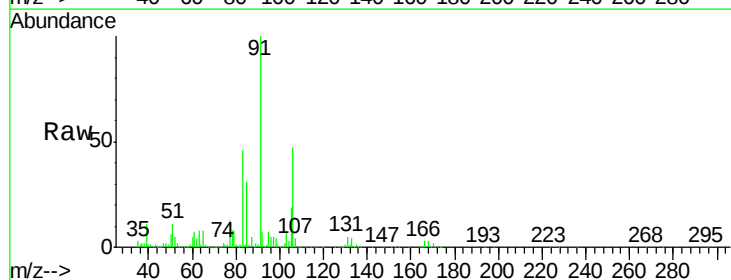
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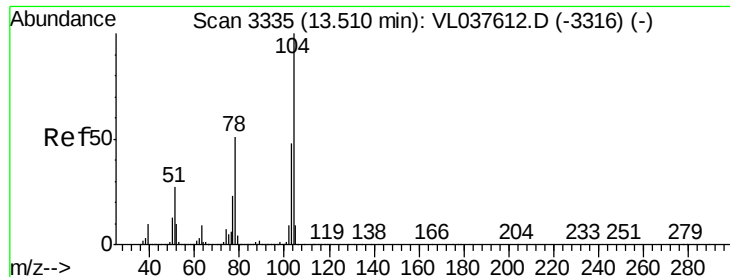
apatel
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#60
o-Xylene
Concen: 9.157 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion: 91 Resp: 4547251
Ion Ratio Lower Upper
91 100
106 47.6 23.0 69.0





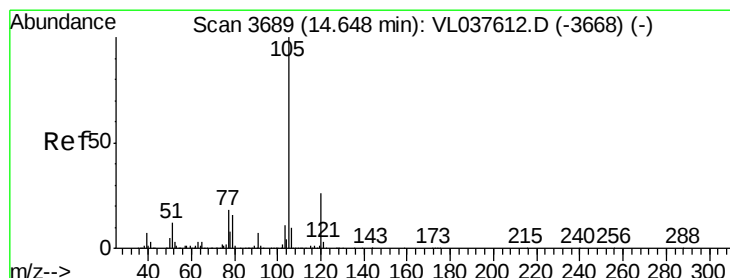
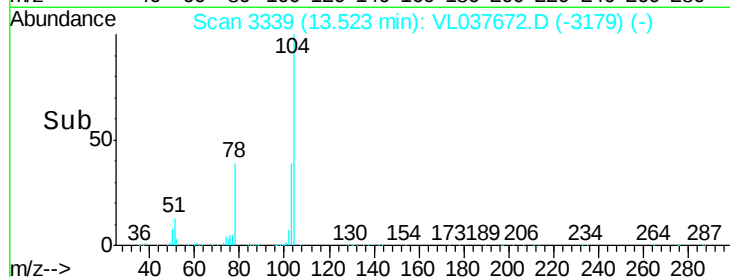
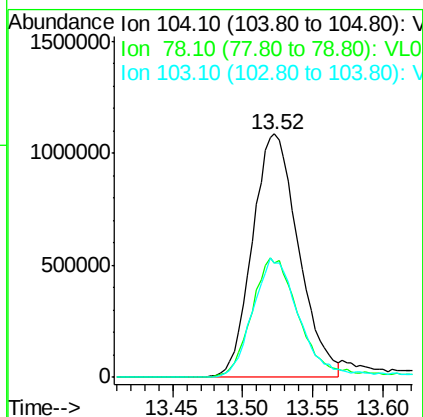
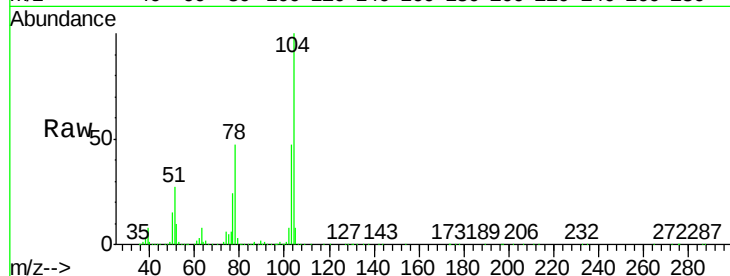
#61
Styrene
Concen: 10.139 ppbv
RT: 13.52 min Scan# 3339
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.5	39.7	59.5
103	50.8	38.8	58.2

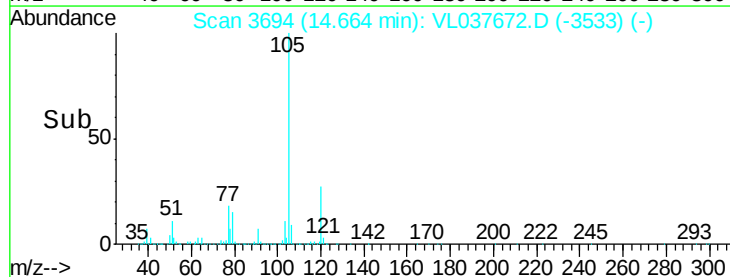
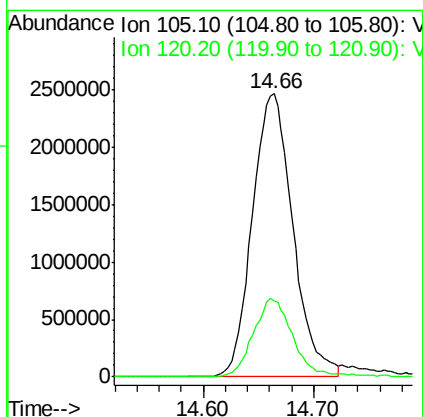
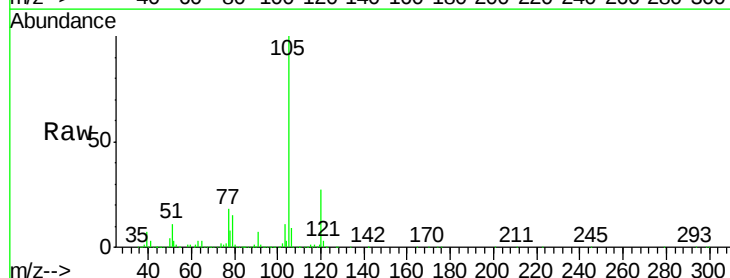
Manual Integrations
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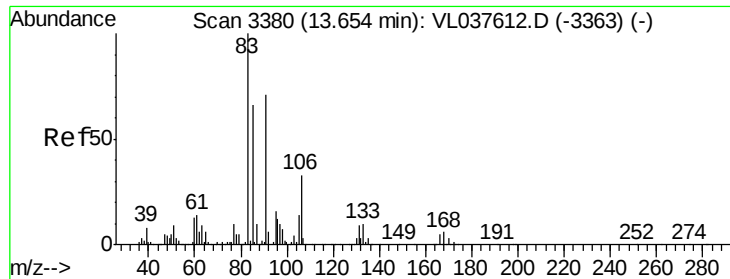
apatel
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#62
Isopropylbenzene
Concen: 9.044 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. 0.02 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	21.4	32.0





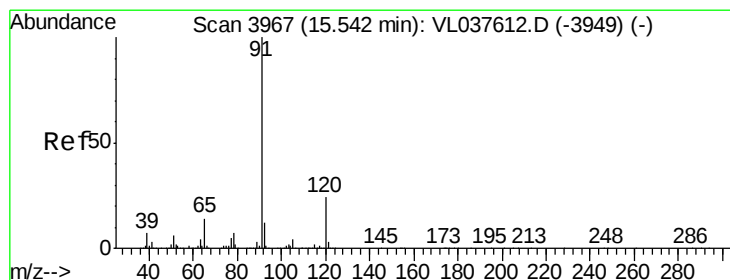
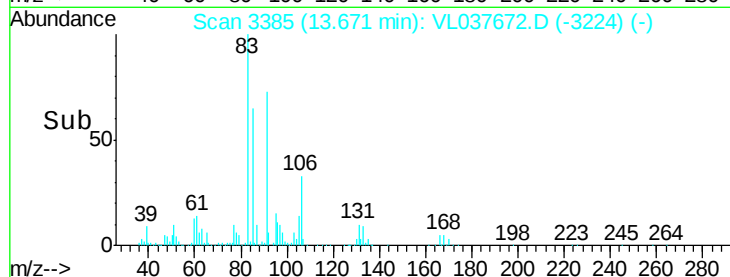
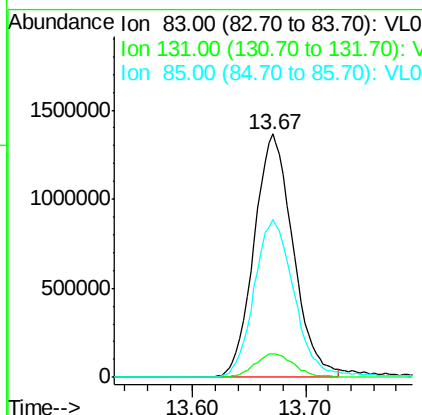
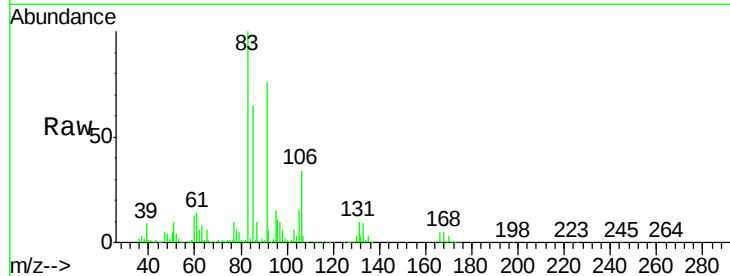
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.411 ppbv
 RT: 13.67 min Scan# 3385
 Delta R.T. 0.02 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 83 Resp: 3268848
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 68.2 33.3 99.9

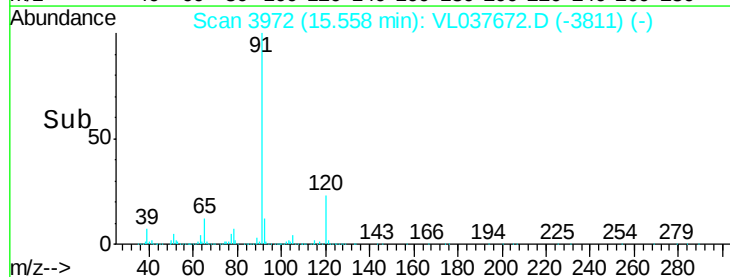
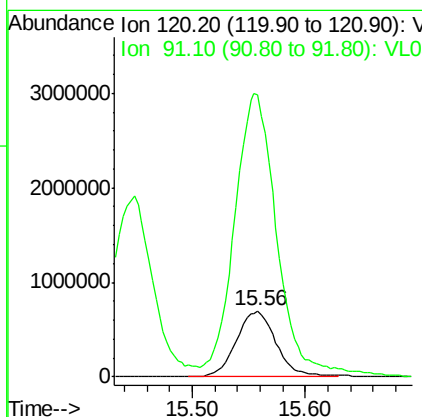
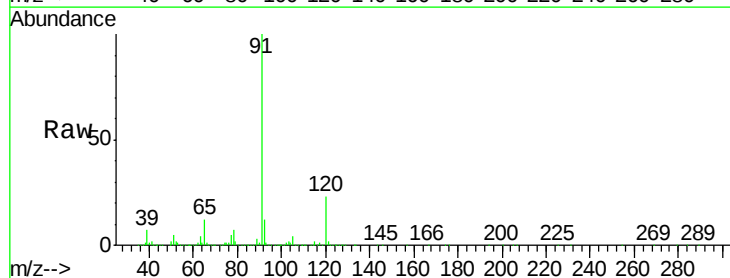
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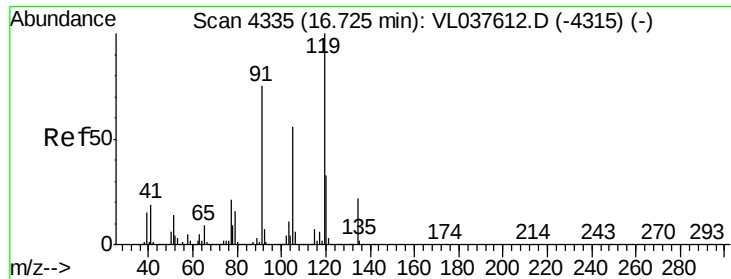
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#64
 n-propylbenzene
 Concen: 9.507 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. 0.02 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Tgt Ion: 120 Resp: 1701796
 Ion Ratio Lower Upper
 120 100
 91 462.8 345.0 517.4





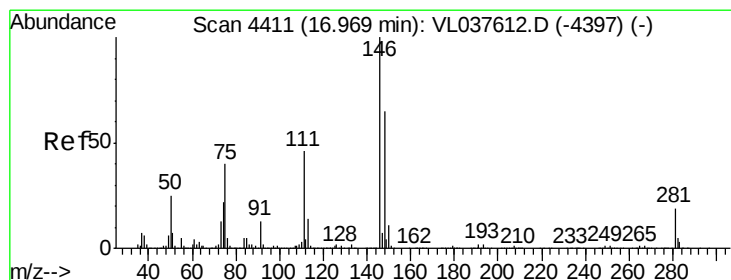
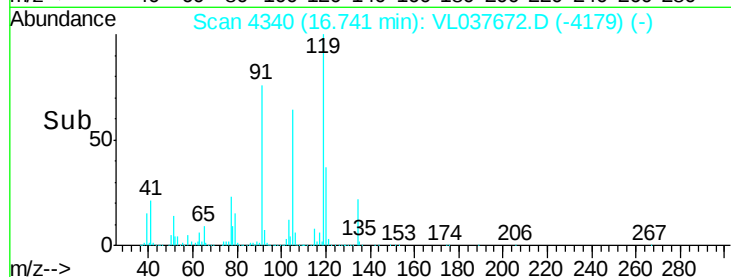
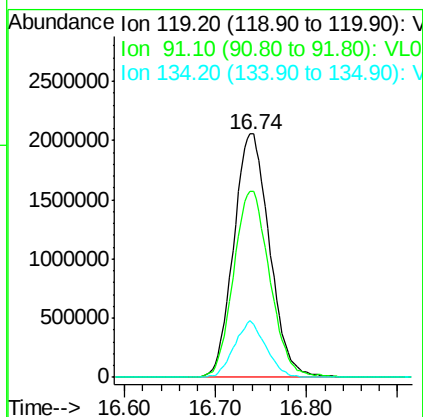
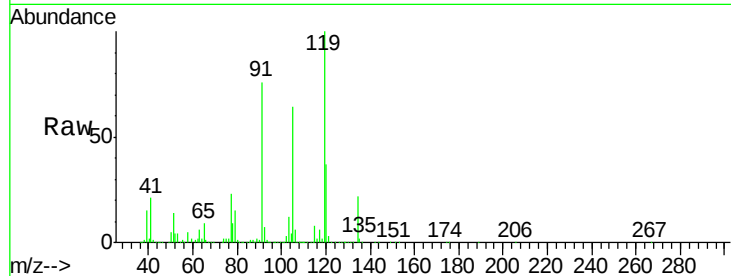
#65
tert-Butylbenzene
Concen: 8.999 ppbv
RT: 16.74 min Scan# 4340
Delta R.T. 0.02 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 5628107
Ion Ratio Lower Upper
119 100
91 77.5 61.9 92.9
134 20.6 16.5 24.7

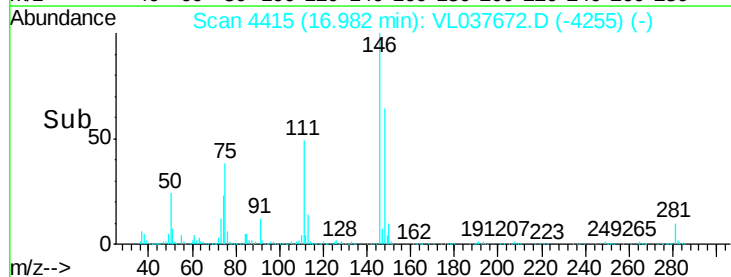
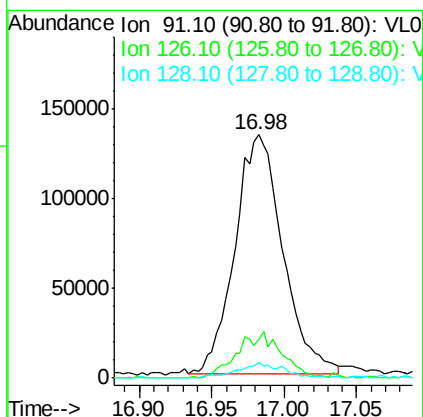
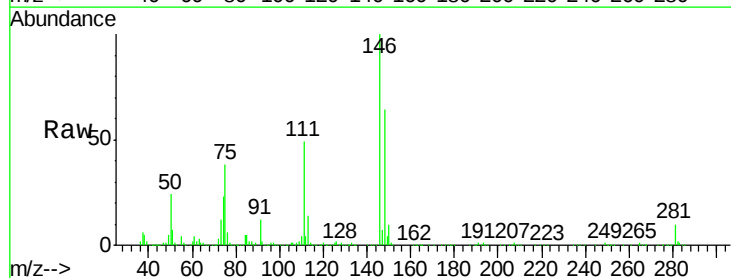
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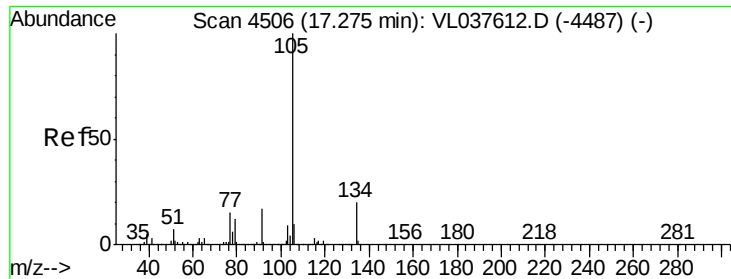
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#66
Benzyl Chloride
Concen: 8.954 ppbv
RT: 16.98 min Scan# 4415
Delta R.T. 0.01 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion: 91 Resp: 306026
Ion Ratio Lower Upper
91 100
126 18.8 14.4 21.6
128 6.3 5.7 8.5





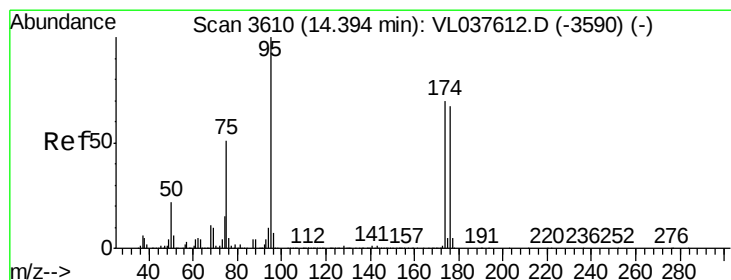
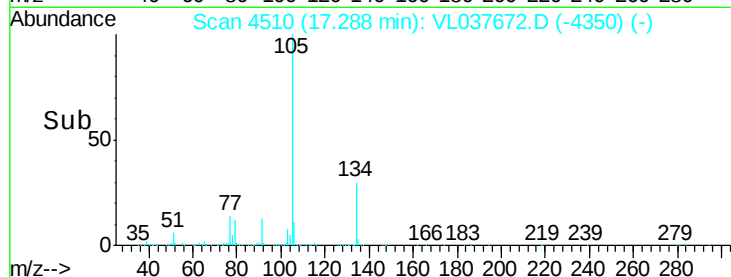
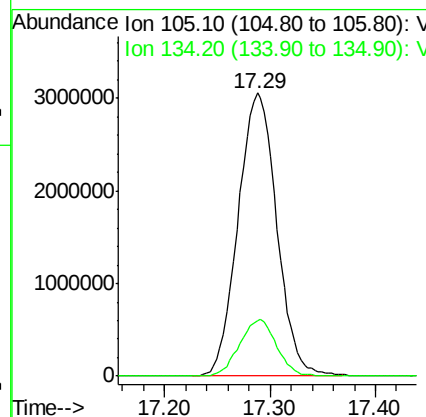
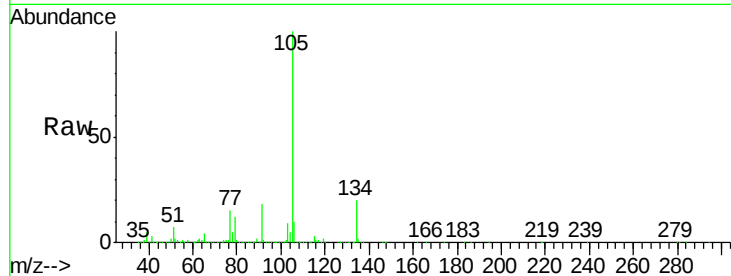
#67
 sec-Butylbenzene
 Concen: 9.178 ppbv
 RT: 17.29 min Scan# 4510
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 105 Resp: 7787842
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.7 23.5

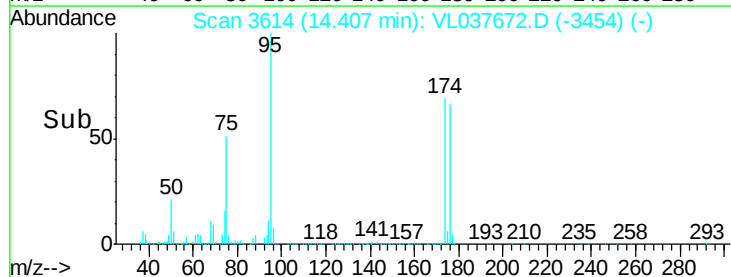
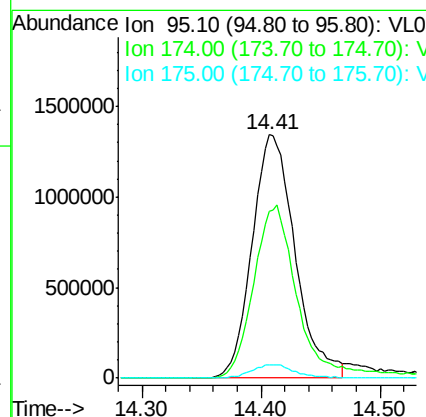
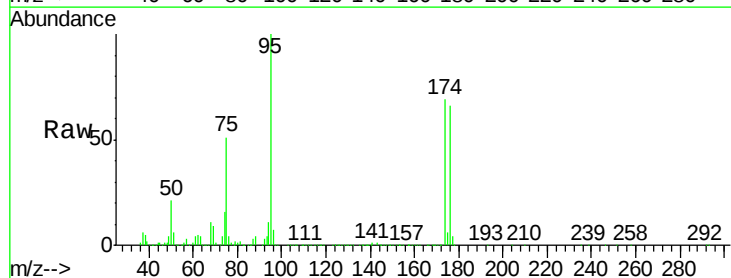
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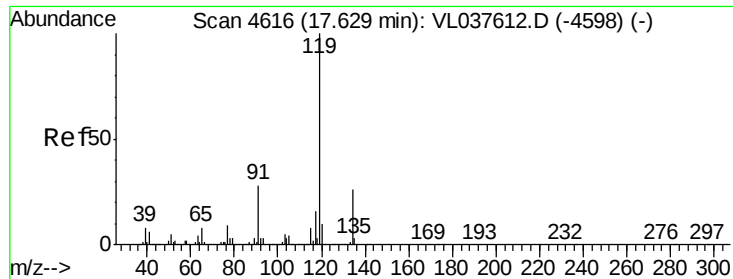
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.298 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Tgt Ion: 95 Resp: 3356598
 Ion Ratio Lower Upper
 95 100
 174 74.7 56.3 84.5
 175 6.0 4.4 6.6





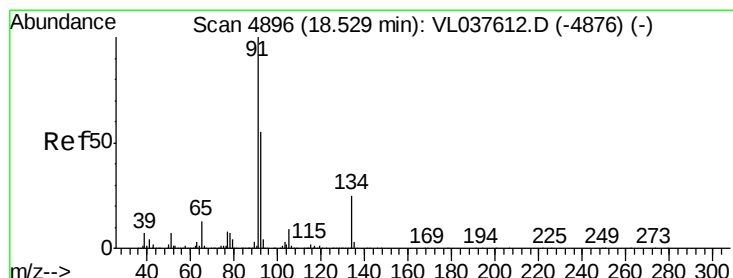
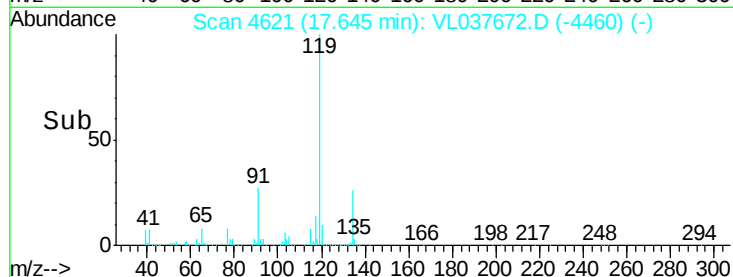
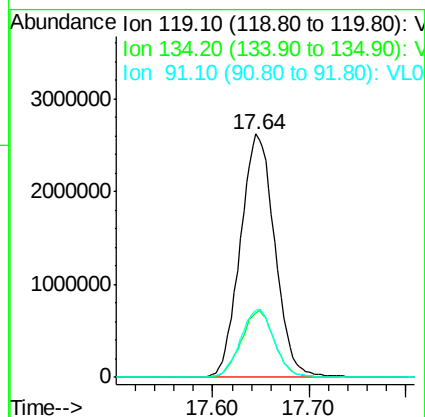
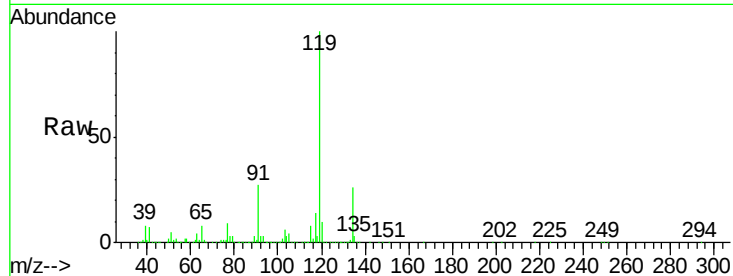
#69
 p-Isopropyltoluene
 Concen: 9.342 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. 0.02 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 119 Resp: 6476746
 Ion Ratio Lower Upper
 119 100
 134 26.6 21.2 31.8
 91 27.6 22.2 33.2

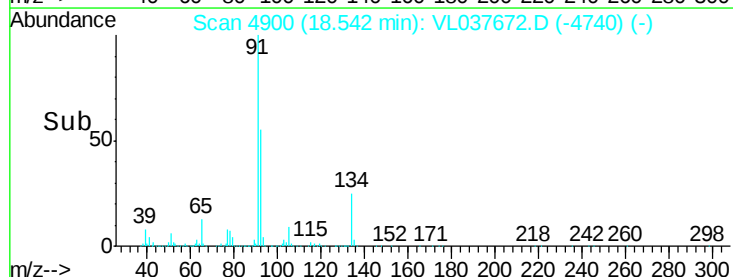
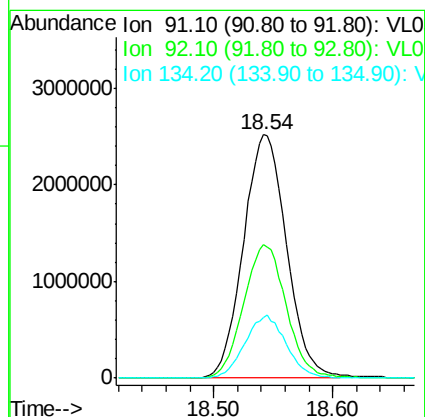
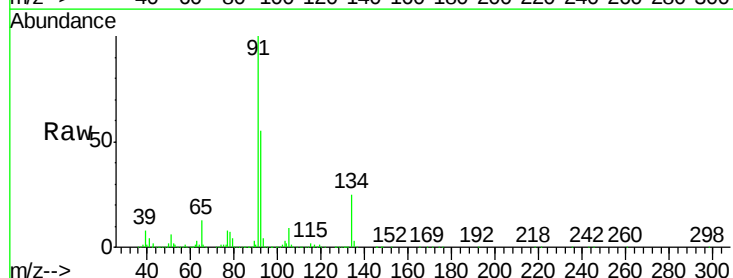
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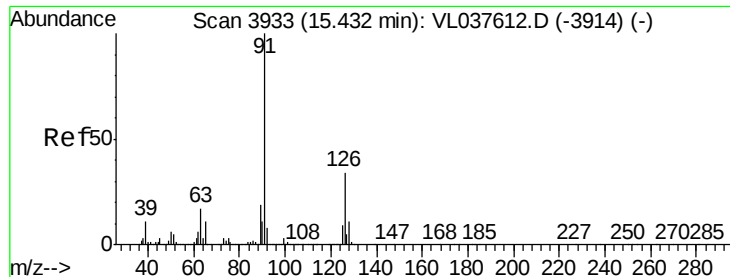
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#70
 n-Butylbenzene
 Concen: 9.623 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Tgt Ion: 91 Resp: 6311804
 Ion Ratio Lower Upper
 91 100
 92 54.4 44.0 66.0
 134 24.9 19.5 29.3





#71

2-Chlorotoluene

Concen: 9.407 ppbv

RT: 15.45 min Scan# 3938

Delta R.T. 0.02 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 4676667

Ion Ratio Lower Upper

91 100

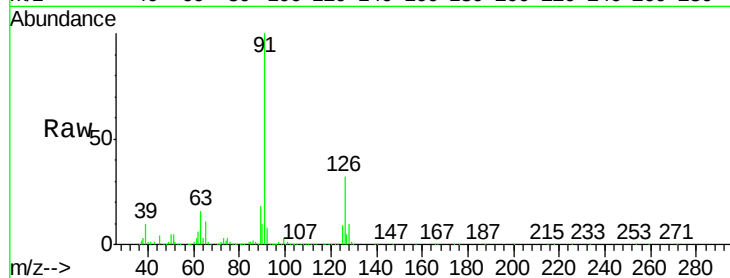
126 33.5 13.2 52.8

Manual Integrations

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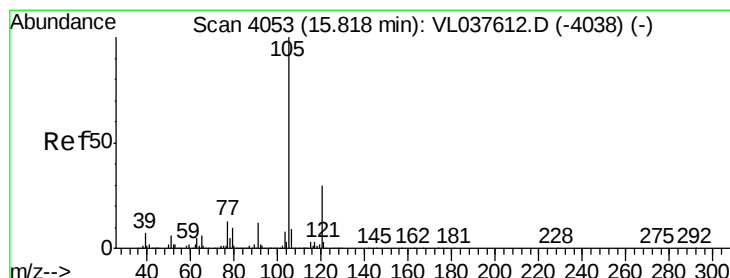
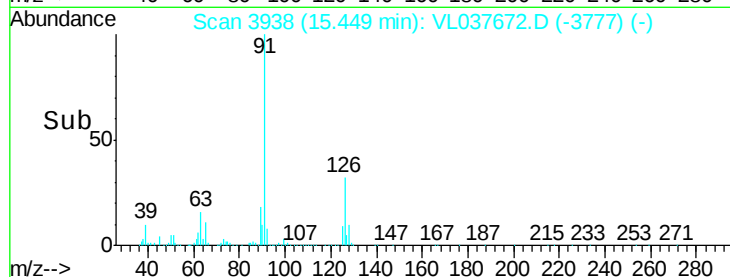
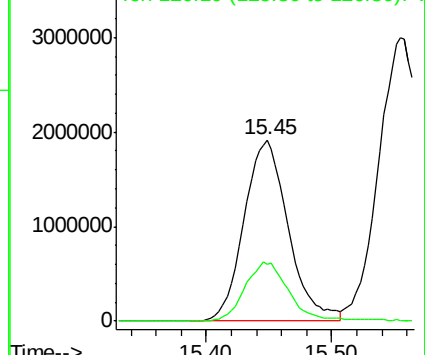
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 9.793 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Tgt Ion: 105 Resp: 5582246

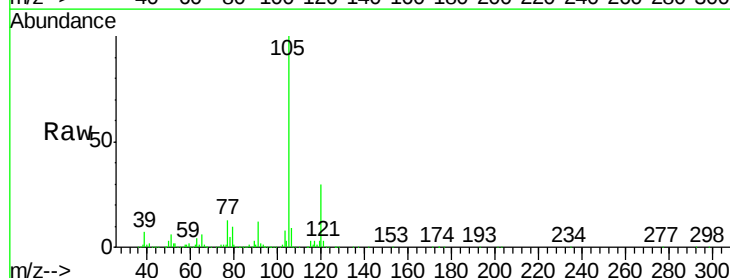
Ion Ratio Lower Upper

105 100

120 30.2 24.7 37.1

91 12.2 9.9 14.9

77 13.0 10.5 15.7

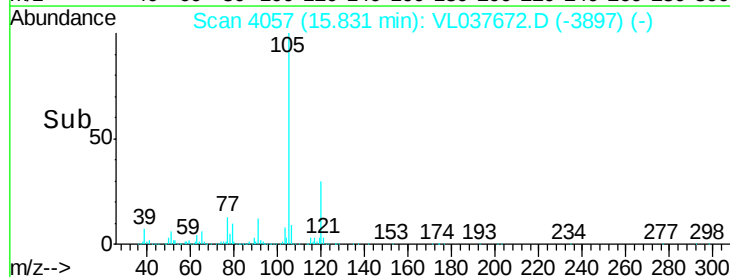
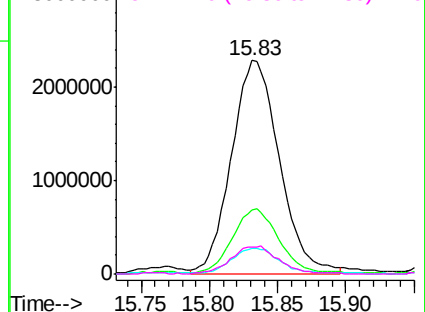


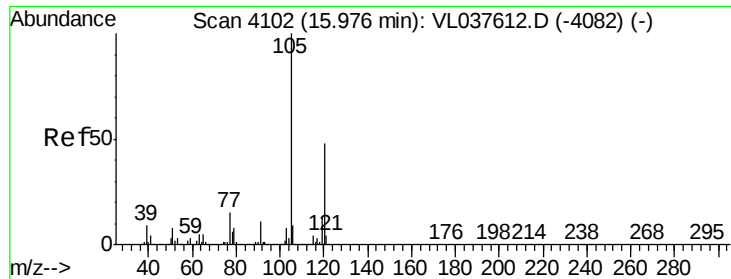
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





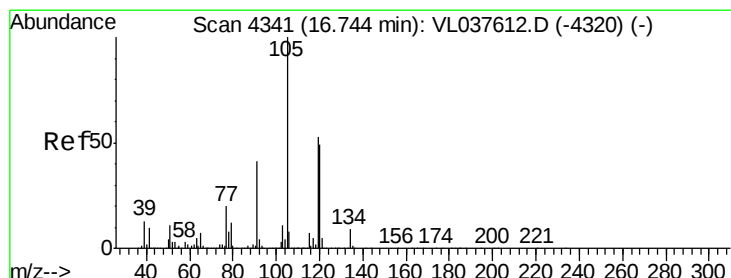
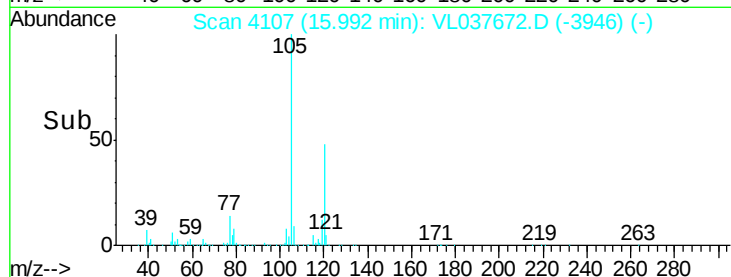
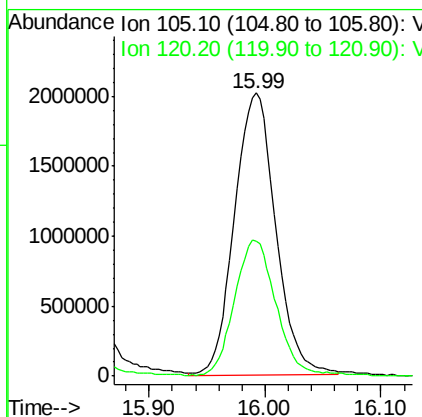
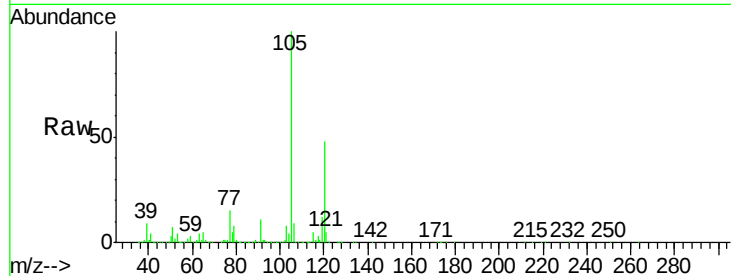
#73
 1,3,5-Trimethylbenzene
 Concen: 9.425 ppbv
 RT: 15.99 min Scan# 4107
 Delta R.T. 0.02 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 5007513
 Ion Ratio Lower Upper
 105 100
 120 47.8 38.3 57.5

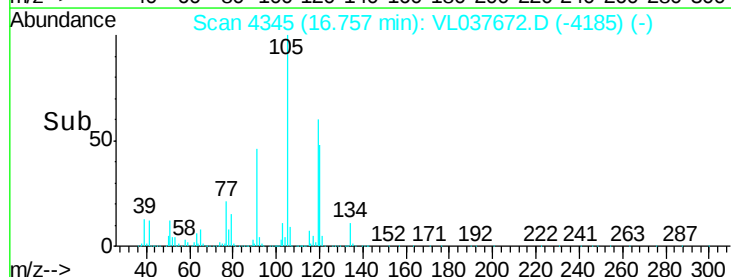
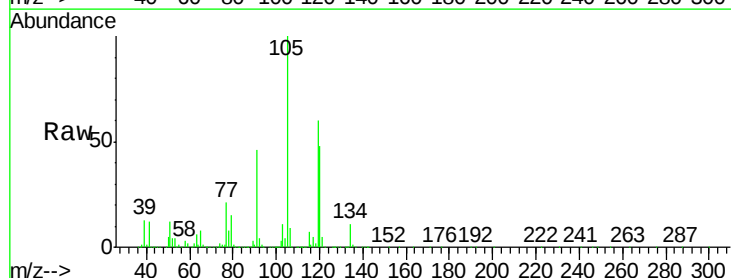
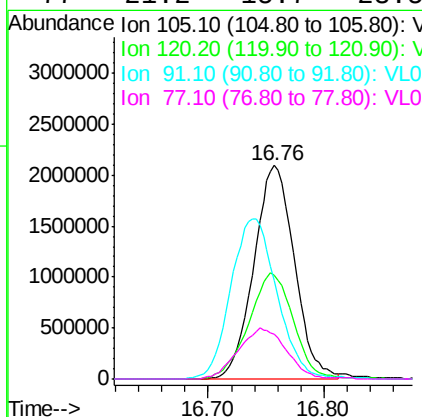
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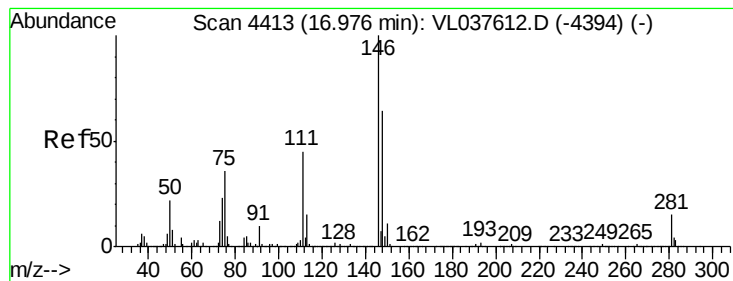
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#74
 1,2,4-Trimethylbenzene
 Concen: 9.102 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. 0.01 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Tgt Ion:105 Resp: 5093990
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.4 59.0
 91 46.0 33.3 49.9
 77 21.2 15.7 23.5





#75

1,3-Dichlorobenzene

Concen: 8.966 ppbv

RT: 16.99 min Scan# 4416

Delta R.T. 0.01 min

Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Instrument :

MSVOA_L

ClientSampleId :

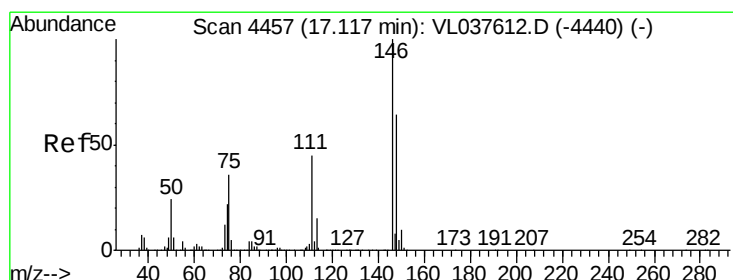
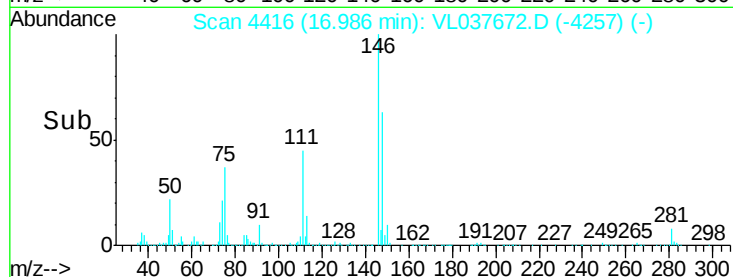
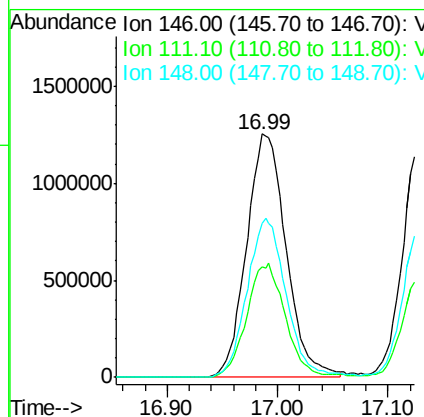
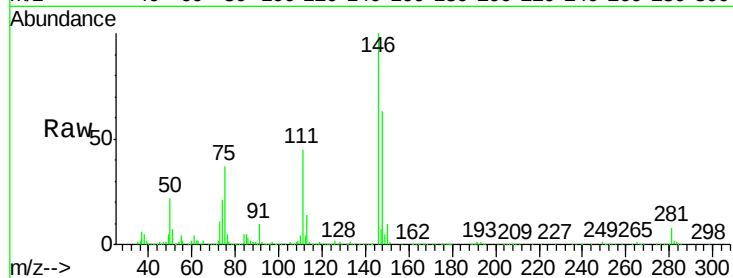
VSTDCCC010

Tgt Ion:146 Resp: 3117624

Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.8	68.3
148	64.5	32.1	96.5

Manual Integrations
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#76

1,4-Dichlorobenzene

Concen: 8.687 ppbv

RT: 17.13 min Scan# 4461

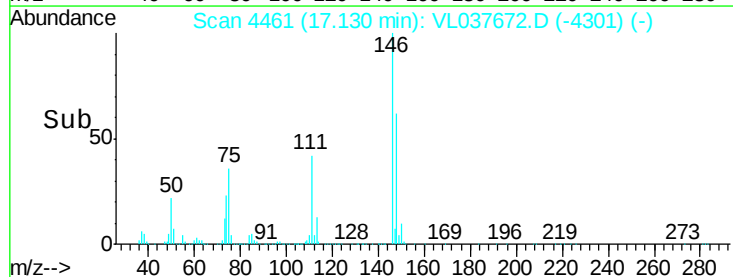
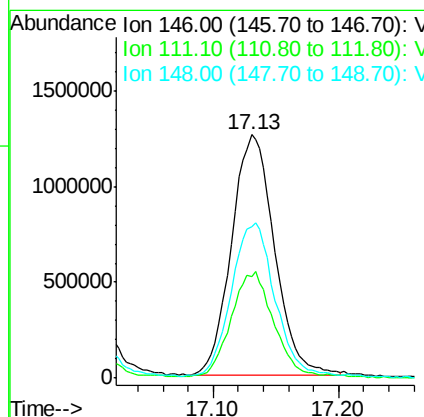
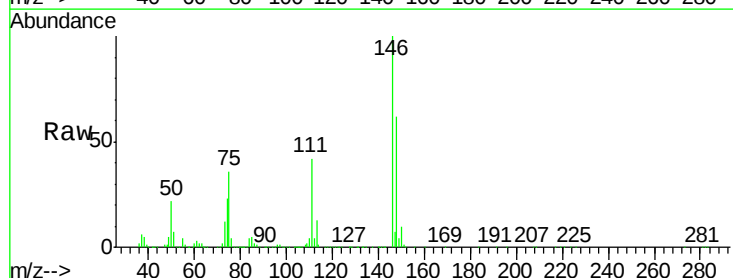
Delta R.T. 0.01 min

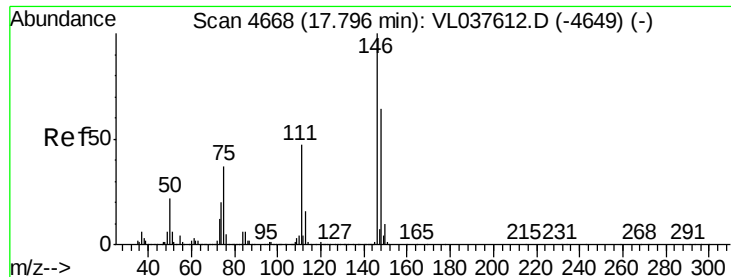
Lab File: VL037672.D

Acq: 27 Sep 2021 9:12

Tgt Ion:146 Resp: 2979190

Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.5	67.5
148	67.4	32.9	98.6





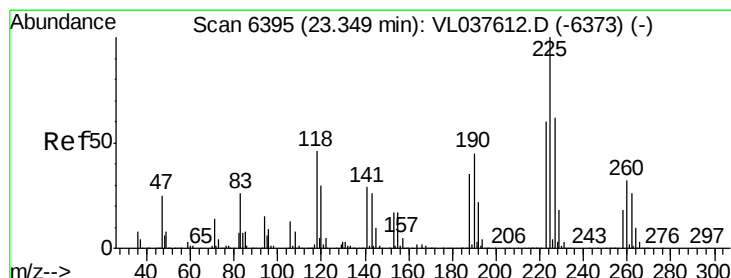
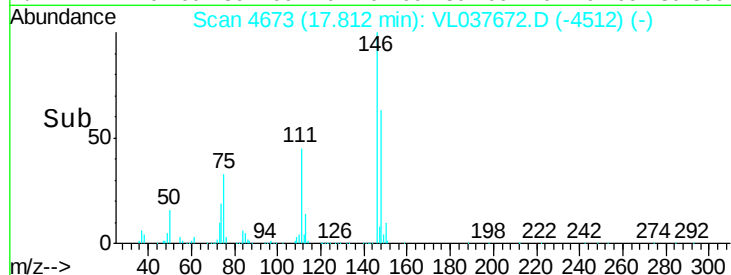
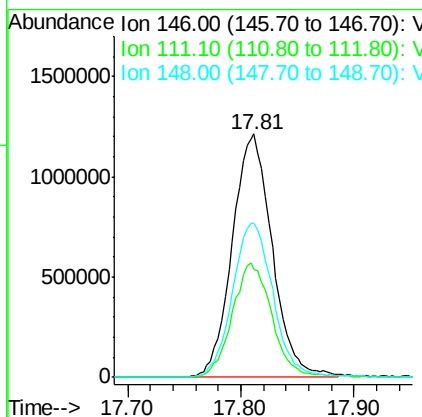
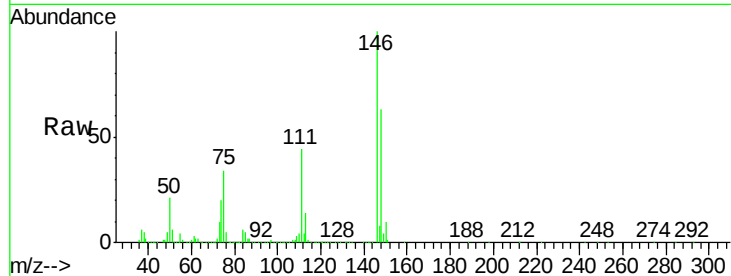
#77
 1,2-Dichlorobenzene
 Concen: 8.980 ppbv
 RT: 17.81 min Scan# 4673
 Delta R.T. 0.02 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:146 Resp: 2961368
 Ion Ratio Lower Upper
 146 100
 111 47.3 24.0 72.0
 148 64.8 32.8 98.3

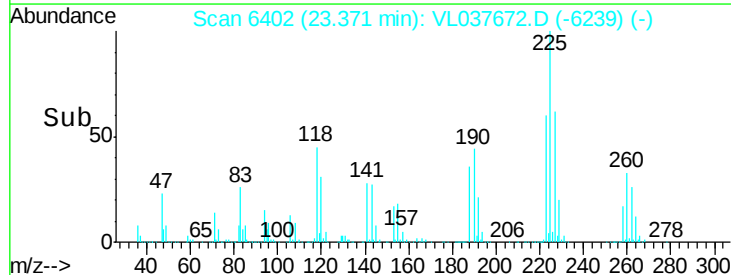
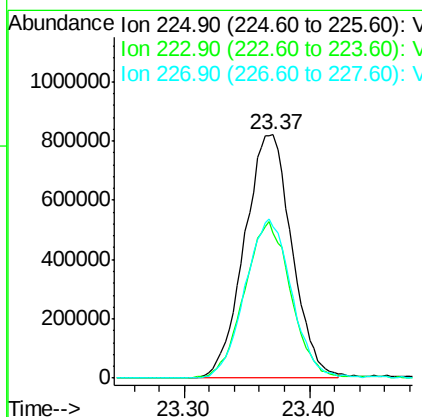
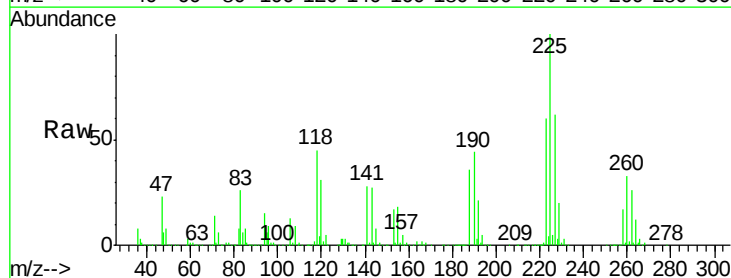
Manual Integrations
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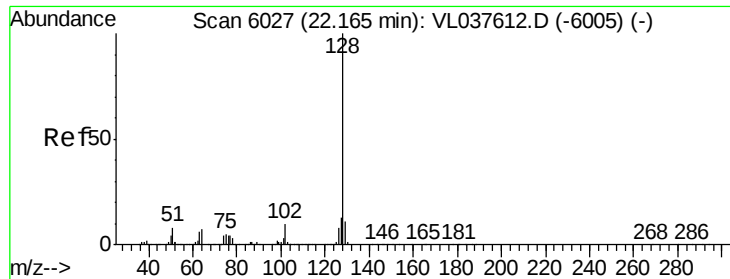
apatel
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#78
 Hexachloro-1,3-Butadiene
 Concen: 7.763 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T. 0.02 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Tgt Ion:225 Resp: 2154741
 Ion Ratio Lower Upper
 225 100
 223 63.4 51.1 76.7
 227 64.1 52.2 78.4





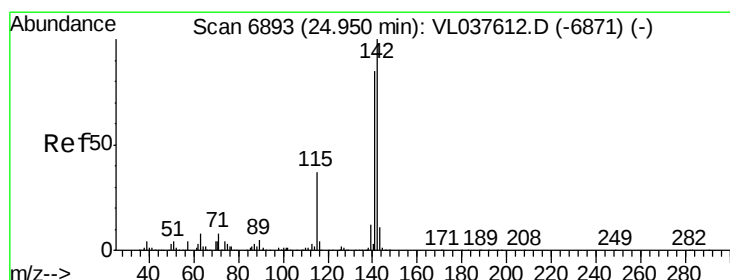
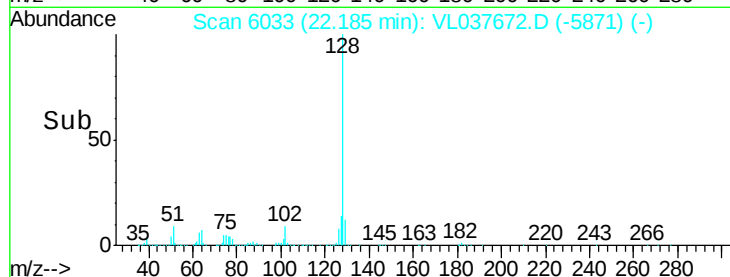
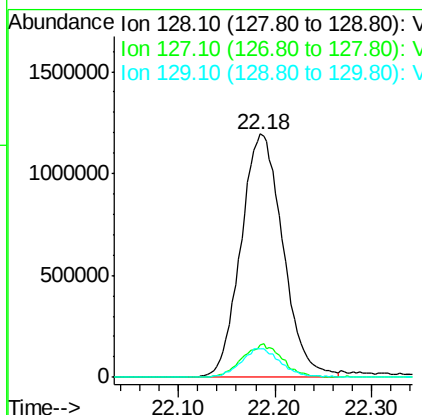
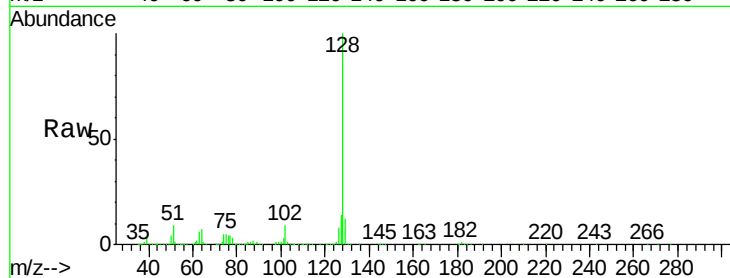
#79
Naphthalene
Concen: 10.494 ppbv
RT: 22.18 min Scan# 6033
Delta R.T. 0.02 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.6	8.6	12.8

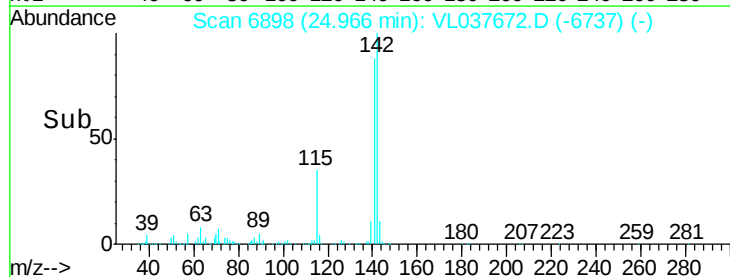
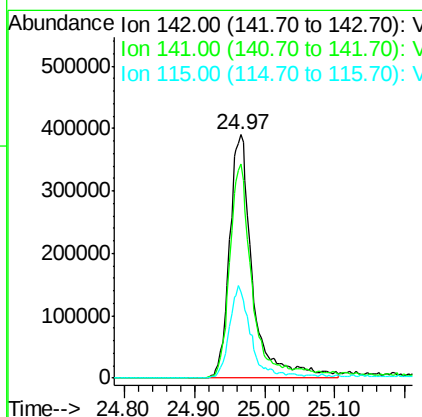
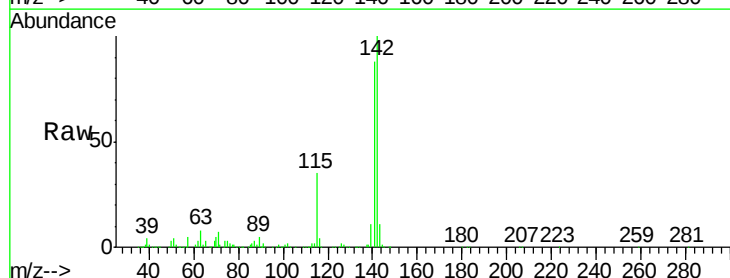
Manual Integrations
APPROVED

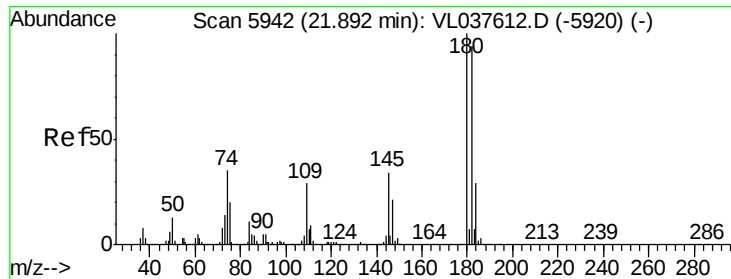
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#80
Naphthalene, 2-methyl-
Concen: 11.484 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.02 min
Lab File: VL037672.D
Acq: 27 Sep 2021 9:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3
115	35.2	29.6	44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.819 ppbv
 RT: 21.91 min Scan# 5949
 Delta R.T. 0.02 min
 Lab File: VL037672.D
 Acq: 27 Sep 2021 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	78.9	118.3
184	31.4	24.7	37.1

Manual Integrations
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