

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091721\
 Data File : VL037640.D
 Acq On : 17 Sep 2021 13:45
 Operator : SY/AP
 Sample : VL0917ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 5:28:29 PM

Quant Time: Sep 18 07:01:38 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	5.65	49	1442966	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4264216	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	4021568m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2908307	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	1916195	7.339	ppbv	99
3) Chlorodifluoromethane	2.98	51	2736161	10.053	ppbv	100
4) Chloromethane	3.13	50	982885	9.774	ppbv	98
5) Vinyl Chloride	3.25	62	1020387	10.803	ppbv	98
6) Bromomethane	3.46	94	554580	10.102	ppbv	96
7) Chloroethane	3.55	64	343421	9.729	ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	2251909	9.997	ppbv	99
9) Propene	3.00	41	963869	10.039	ppbv	98
10) Heptane	8.10	43	2471843	11.034	ppbv	99
11) Trichlorofluoromethane	3.93	101	2086935	9.955	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1607818	10.391	ppbv	98
13) Ethanol	3.60	45	94154m	10.026	ppbv	
14) Bromoethene	3.73	108	691826	9.822	ppbv	98
15) Acetone	3.83	43	1228269	8.193	ppbv	100
16) 1,3-Butadiene	3.31	39	983287	10.496	ppbv	100
17) tert-Butyl alcohol	4.27	59	1415764	11.136	ppbv	100
18) 1,1-Dichloroethene	4.27	96	717502	9.954	ppbv	97
19) Isopropyl Alcohol	3.95	45	871973	10.689	ppbv #	97
20) Methylene Chloride	4.33	84	604857	8.451	ppbv	99
21) Allyl Chloride	4.39	41	1177909	10.517	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	758740	10.462	ppbv	99
23) Vinyl Acetate	5.06	43	1961543	9.455	ppbv #	98
24) 1,1-Dichloroethane	5.00	63	1484836	9.991	ppbv	98
25) Ethyl Acetate	5.66	43	3847567	10.596	ppbv	99
26) Hexane	5.67	57	1778705	10.312	ppbv	97
27) Carbon Disulfide	4.54	76	1803011	11.426	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1543485	10.160	ppbv	99
29) Chloroform	5.74	83	2573272	10.217	ppbv	100
30) Cyclohexane	7.11	84	1532771	10.390	ppbv	98
31) cis-1,2-Dichloroethene	5.53	61	1710183	10.922	ppbv	98
32) 1,1,1-Trichloroethane	6.49	97	2487444	10.608	ppbv	100
34) 2-Butanone	5.22	43	1680186	9.696	ppbv	100
35) Carbon Tetrachloride	7.00	117	2583845	10.712	ppbv	98
36) Benzene	6.87	78	3776728	10.621	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1866039	10.670	ppbv	99
38) Trichloroethene	7.82	130	1479181	9.958	ppbv	96
39) 1,2-Dichloropropane	7.60	63	1420167	10.428	ppbv	98
40) 1,4-Dioxane	7.82	88	332636m	10.041	ppbv	
41) Tetrahydrofuran	6.03	42	873671	10.725	ppbv	99
42) Bromodichloromethane	7.77	83	2729195	10.888	ppbv	99
43) Methyl Methacrylate	8.00	69	1351807	11.428	ppbv	99

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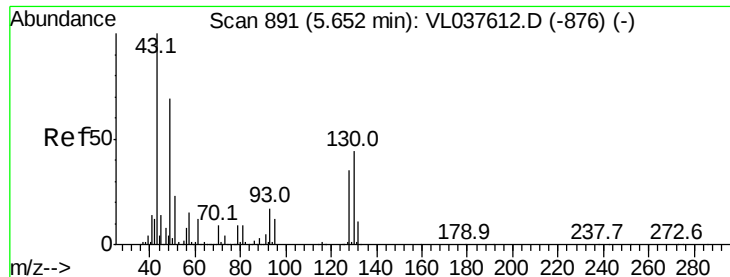
Manual Integrations
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 9/20/2021 5:28:29 PM

Quant Time: Sep 18 07:01:38 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)
44) 2,2,4-Trimethylpentane	7.85	57	6268367	10.486	ppbv	100
45) t-1,3-Dichloropropene	9.26	75	1136666	12.233	ppbv	98
46) cis-1,3-Dichloropropene	8.68	75	1542481	12.289	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	1516684	10.067	ppbv	98
48) Dibromochloromethane	10.28	129	2357802	11.218	ppbv	100
49) Bromoform	13.02	173	1884416	11.202	ppbv	100
50) 4-Methyl-2-Pentanone	8.72	43	2432583	11.060	ppbv	99
51) 2-Hexanone	10.12	43	1085749	11.188	ppbv #	98
52) Tetrachloroethene	11.20	164	1384749	10.144	ppbv	99
53) Toluene	9.79	91	4328223	10.951	ppbv	99
54) 1,2-Dibromoethane	10.59	107	2149667	10.421	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.10	131	1642434m	9.846	ppbv	
57) Chlorobenzene	12.13	112	3138277	9.387	ppbv	99
58) Ethyl Benzene	12.69	91	5492063	10.288	ppbv	98
59) m/p-Xylene	12.98	91	9106620m	19.575	ppbv	
60) o-Xylene	13.67	91	4285702	9.679	ppbv	99
61) Styrene	13.51	104	2417307	11.071	ppbv	99
62) Isopropylbenzene	14.64	105	5873922	9.496	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.65	83	2943800	8.495	ppbv	100
64) n-propylbenzene	15.54	120	1523963	9.547	ppbv	82
65) tert-Butylbenzene	16.73	119	5169988	9.270	ppbv	100
66) Benzyl Chloride	16.97	91	311535	10.222	ppbv	97
67) sec-Butylbenzene	17.27	105	7145061	9.443	ppbv	99
69) p-Isopropyltoluene	17.63	119	6003725	9.712	ppbv	100
70) n-Butylbenzene	18.53	91	5846934	9.996	ppbv	100
71) 2-Chlorotoluene	15.43	91	4238408	9.561	ppbv	98
72) 4-Ethyltoluene	15.82	105	5056577	9.948	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	4469848	9.434	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	4704660	9.428	ppbv	97
75) 1,3-Dichlorobenzene	16.97	146	2843323	9.171	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	2720746	8.897	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	2726868	9.273	ppbv	99
78) Hexachloro-1,3-Butadiene	23.35	225	2205287	8.910	ppbv	100
79) Naphthalene	22.16	128	3908211	12.755	ppbv	98
80) Naphthalene, 2-methyl-	24.95	142	1105593	15.786	ppbv	98
81) 1,2,4-Trichlorobenzene	21.90	180	2247314	11.424	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 49 Resp: 1442966

Ion Ratio Lower Upper

49 100

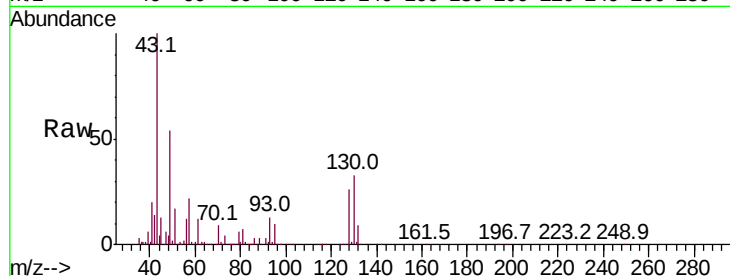
128 56.0 27.9 83.6

130 68.8 33.9 101.7

Manual Integrations
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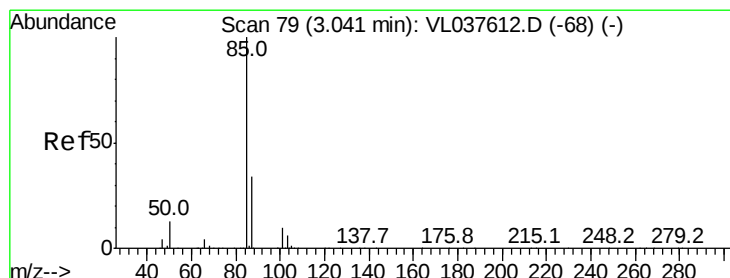
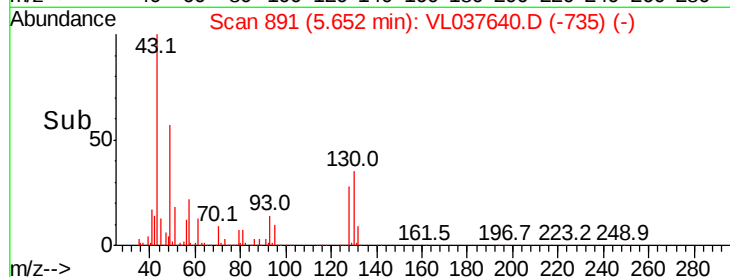
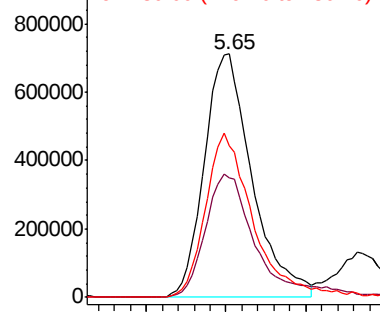
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.339 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.00 min

Lab File: VL037640.D

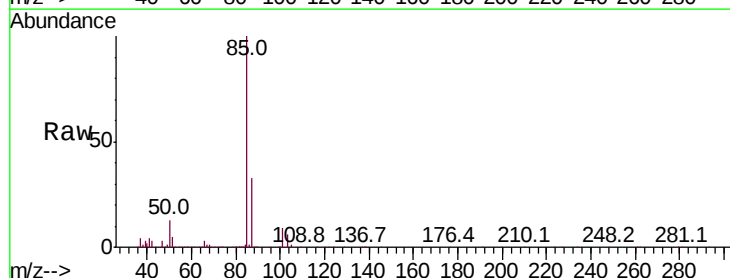
Acq: 17 Sep 2021 13:45

Tgt Ion: 85 Resp: 1916195

Ion Ratio Lower Upper

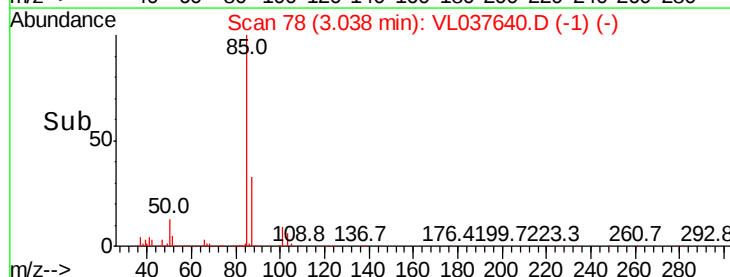
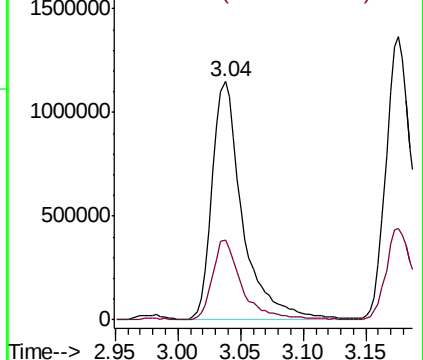
85 100

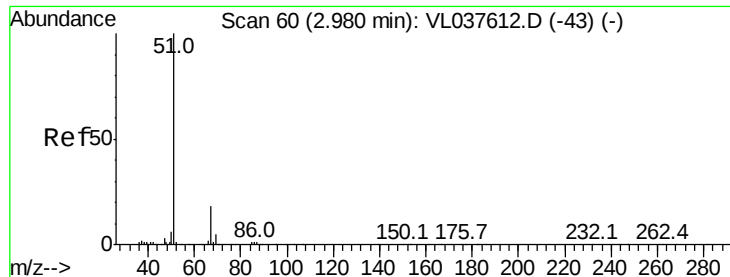
87 33.2 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

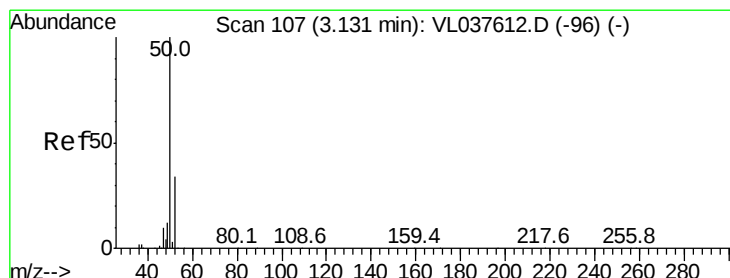
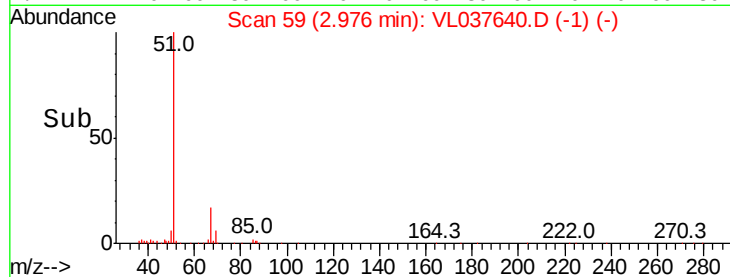
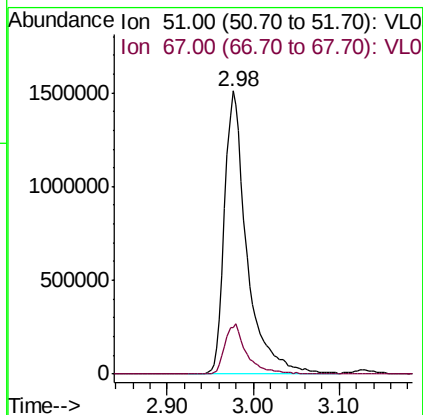
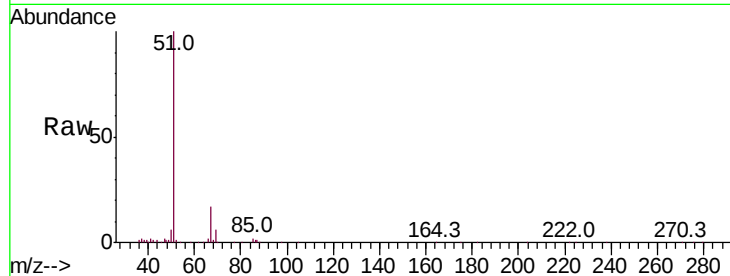
Chlorodifluoromethane
 Concen: 10.053 ppbv
 RT: 2.98 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion: 51 Resp: 2736161
 Ion Ratio Lower Upper
 51 100
 67 17.5 14.0 21.0

Manual Integrations
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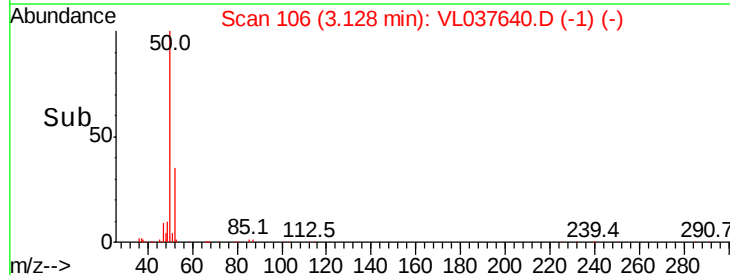
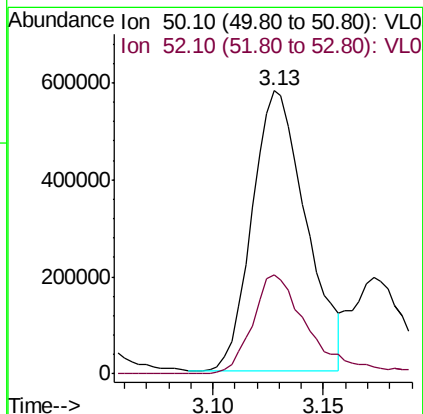
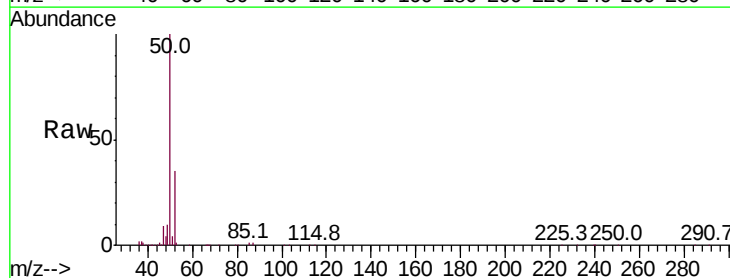
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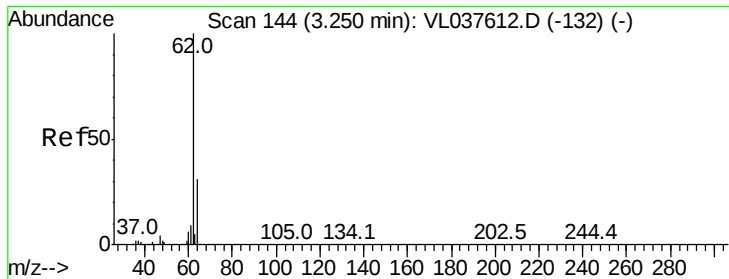


#4

Chloromethane
 Concen: 9.774 ppbv
 RT: 3.13 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Tgt Ion: 50 Resp: 982885
 Ion Ratio Lower Upper
 50 100
 52 35.2 27.1 40.7





#5

Vinyl Chloride

Concen: 10.803 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 62 Resp: 1020387

Ion Ratio Lower Upper

62 100

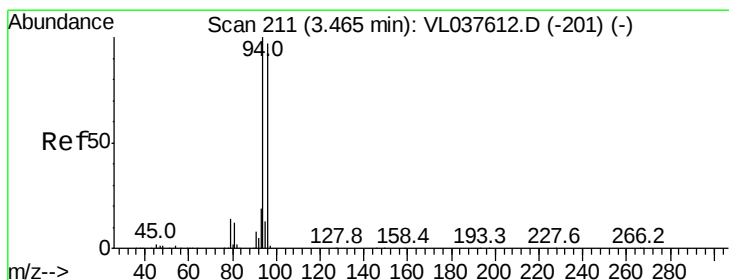
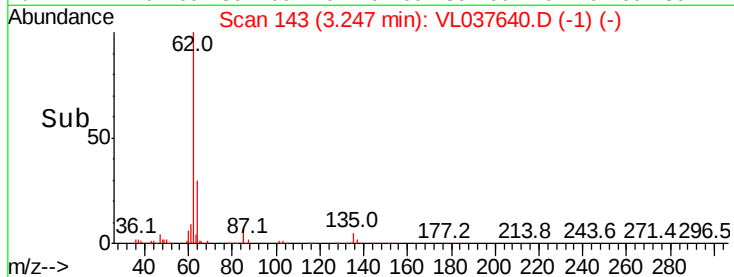
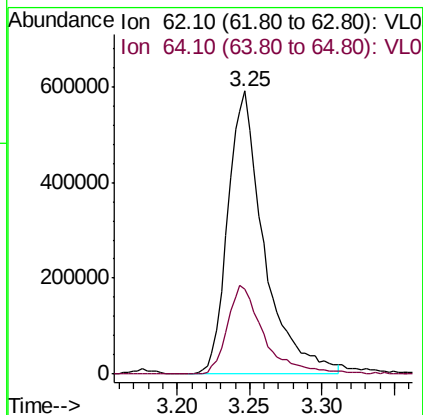
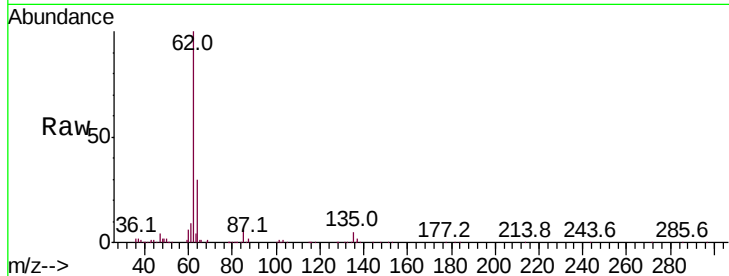
64 30.0 24.9 37.3

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#6

Bromomethane

Concen: 10.102 ppbv

RT: 3.46 min Scan# 209

Delta R.T. -0.01 min

Lab File: VL037640.D

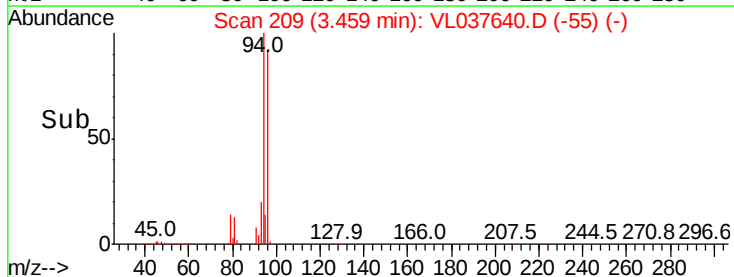
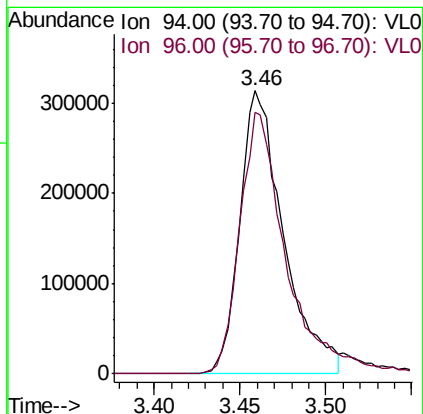
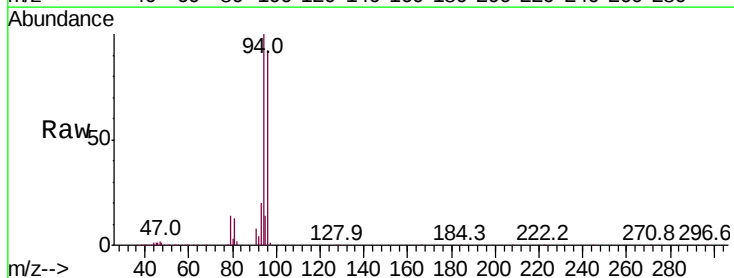
Acq: 17 Sep 2021 13:45

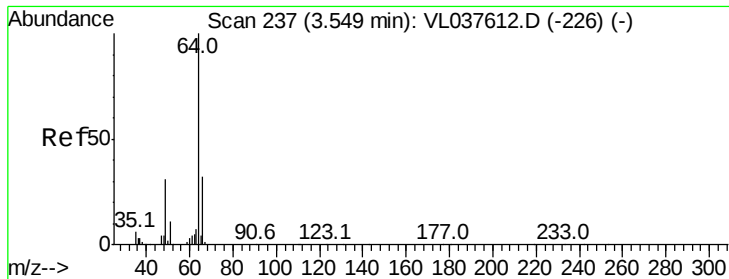
Tgt Ion: 94 Resp: 554580

Ion Ratio Lower Upper

94 100

96 92.3 77.3 115.9





#7

Chloroethane

Concen: 9.729 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 64 Resp: 343421

Ion Ratio Lower Upper

64 100

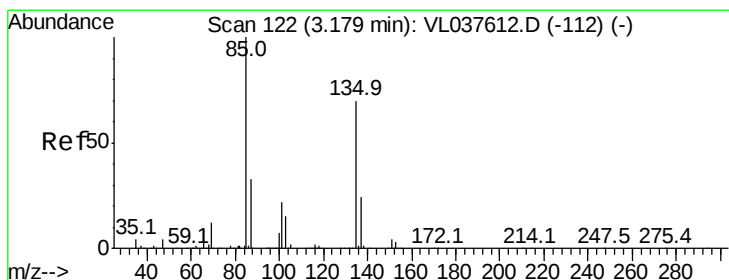
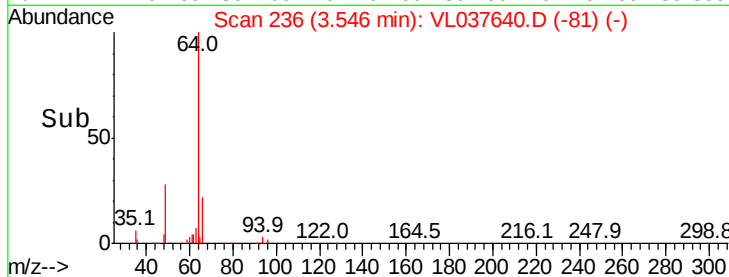
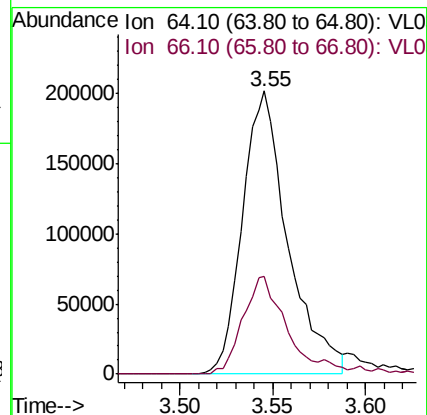
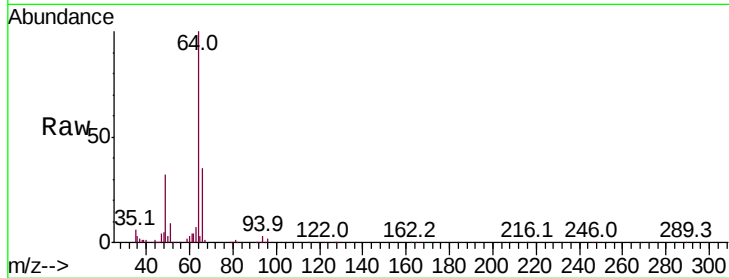
66 34.5 25.3 37.9

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 9.997 ppbv

RT: 3.18 min Scan# 121

Delta R.T. -0.00 min

Lab File: VL037640.D

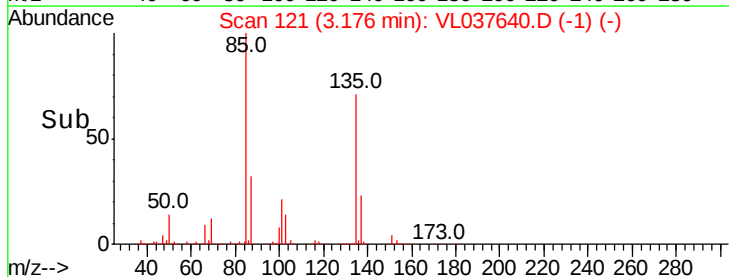
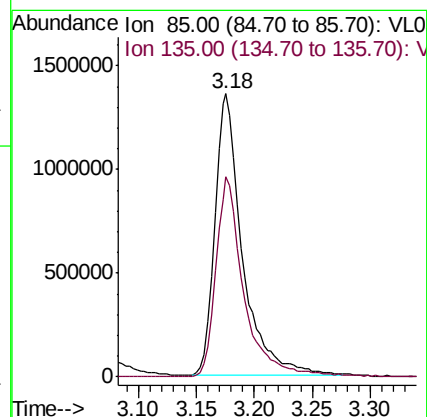
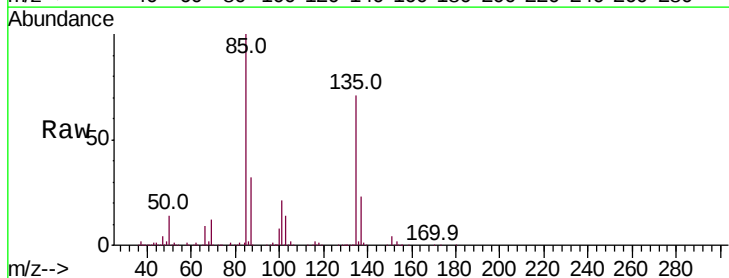
Acq: 17 Sep 2021 13:45

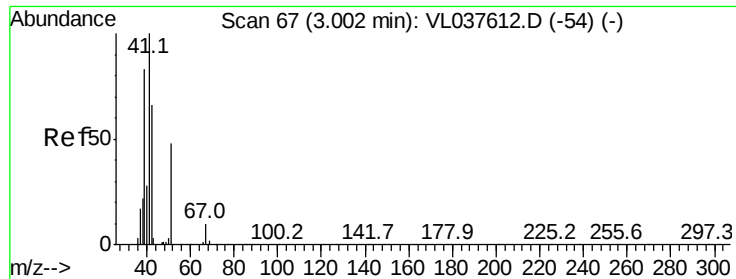
Tgt Ion: 85 Resp: 2251909

Ion Ratio Lower Upper

85 100

135 73.4 59.3 88.9





#9

Propene

Concen: 10.039 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 41 Resp: 963869

Ion Ratio Lower Upper

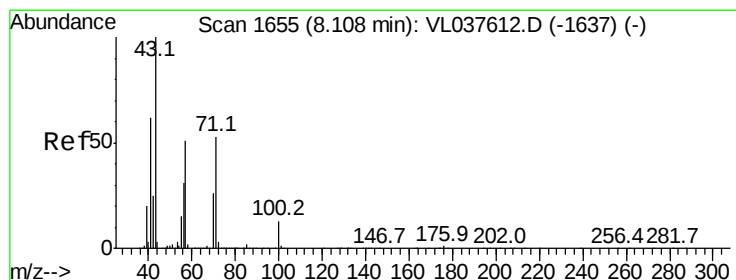
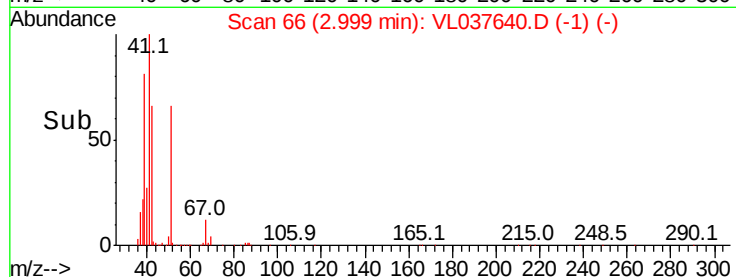
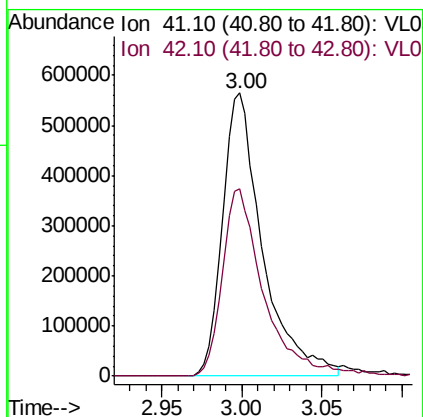
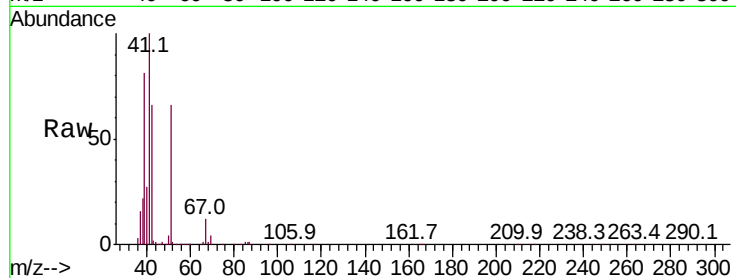
41 100

42 69.8 57.2 85.8

Manual Integrations
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#10

Heptane

Concen: 11.034 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VL037640.D

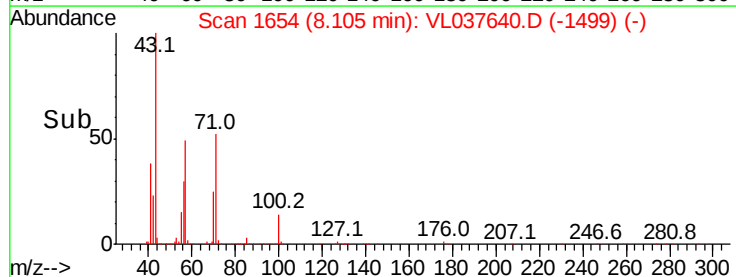
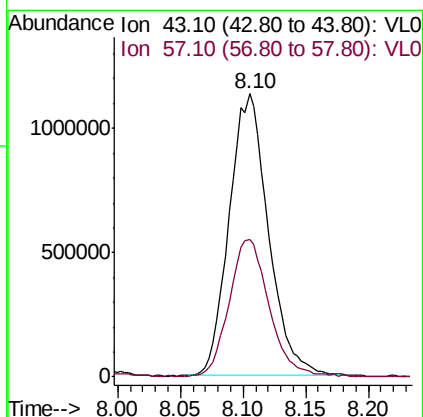
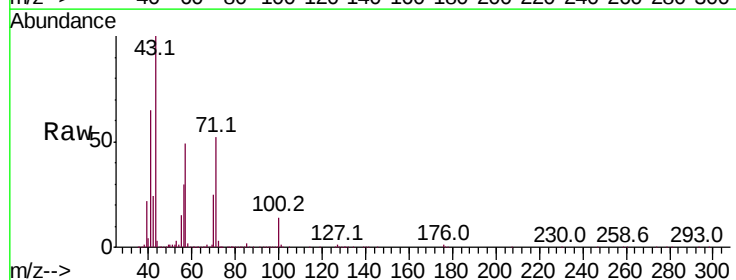
Acq: 17 Sep 2021 13:45

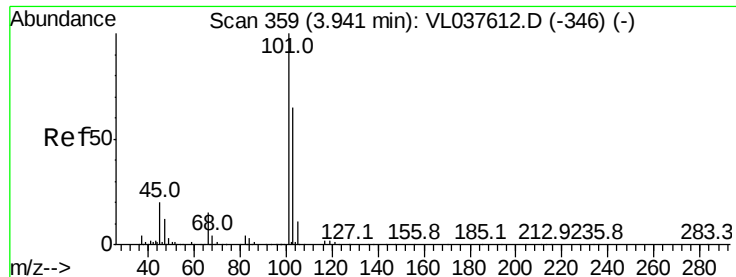
Tgt Ion: 43 Resp: 2471843

Ion Ratio Lower Upper

43 100

57 49.5 40.1 60.1





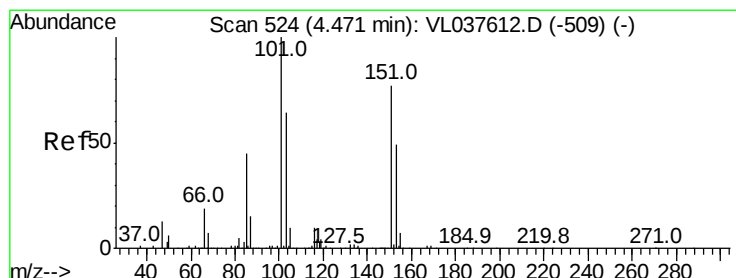
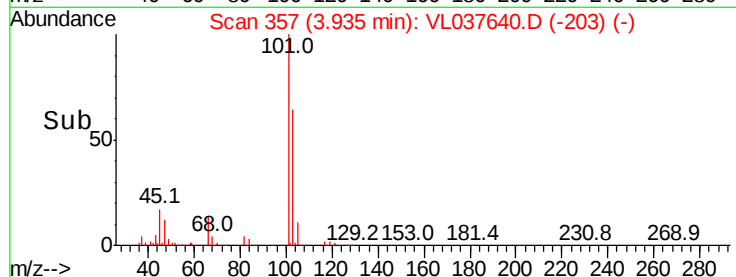
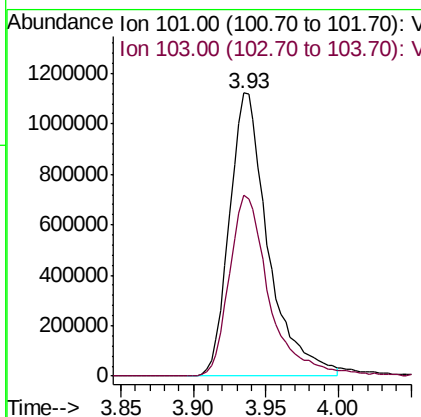
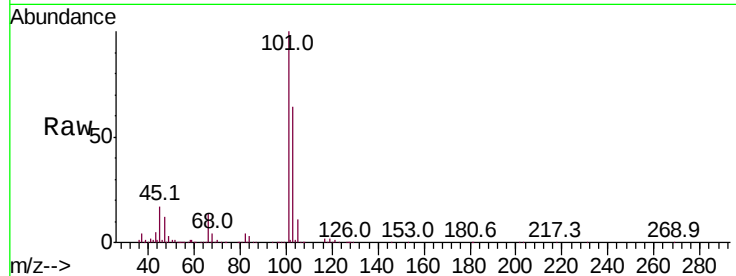
#11
 Trichlorofluoromethane
 Concen: 9.955 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. -0.01 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion:101 Resp: 2086935
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.9 77.9

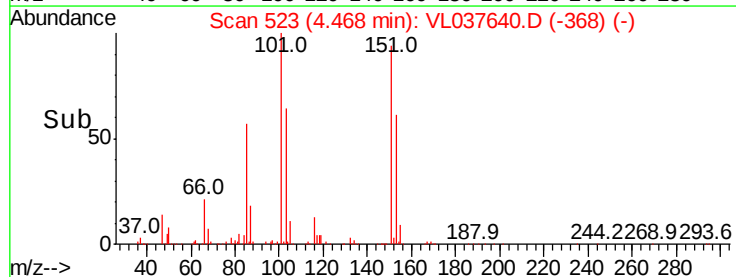
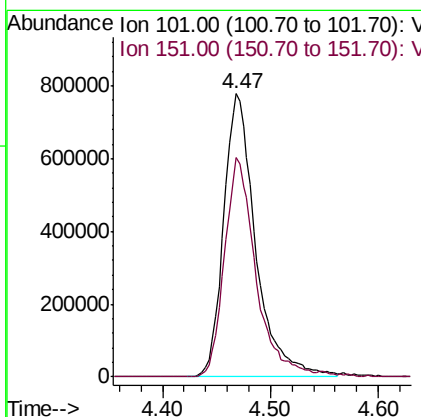
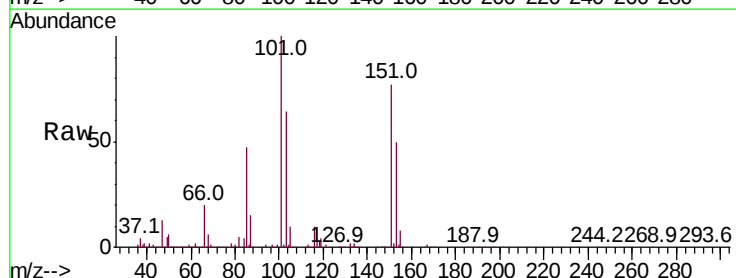
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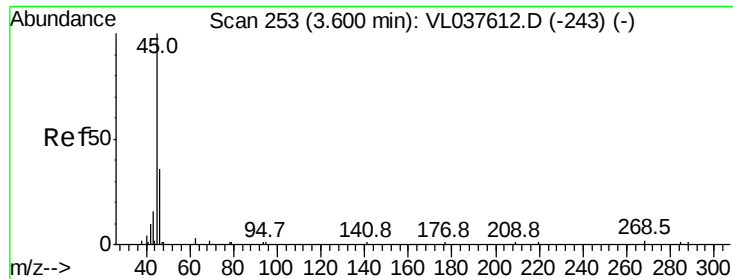
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.391 ppbv
 RT: 4.47 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Tgt Ion:101 Resp: 1607818
 Ion Ratio Lower Upper
 101 100
 151 77.5 63.5 95.3





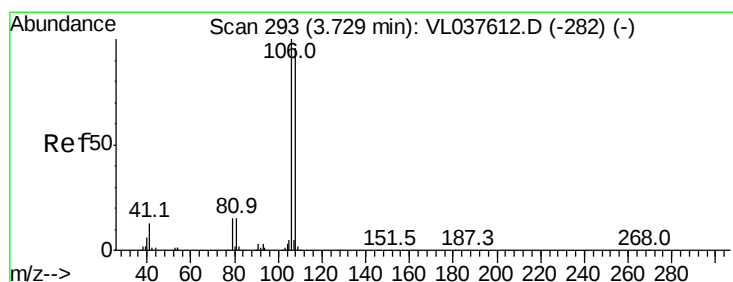
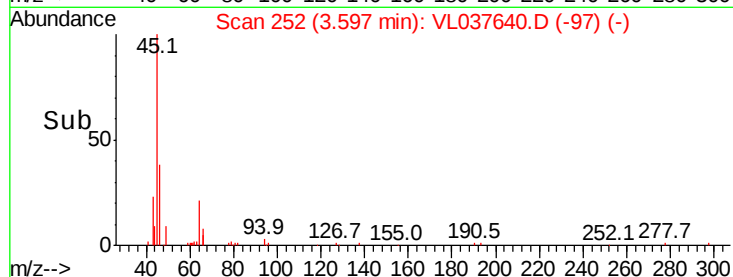
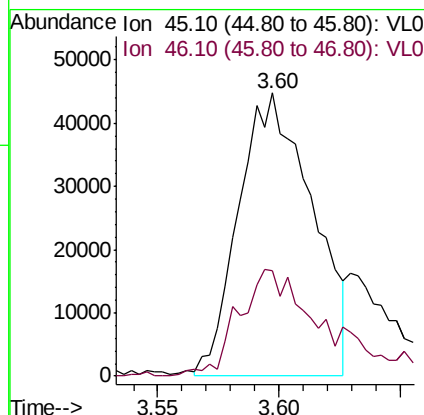
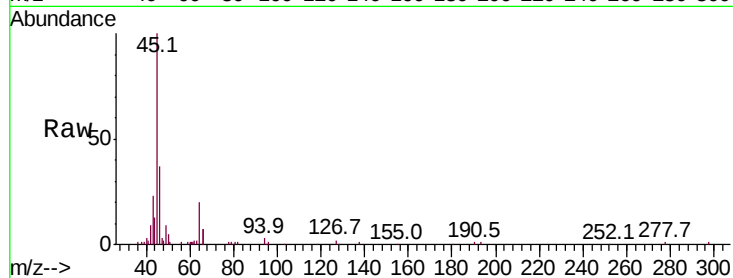
#13
Ethanol
Concen: 10.026 ppbv m
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion	Ratio	Lower	Upper
45	100		
46	49.2	17.2	68.8

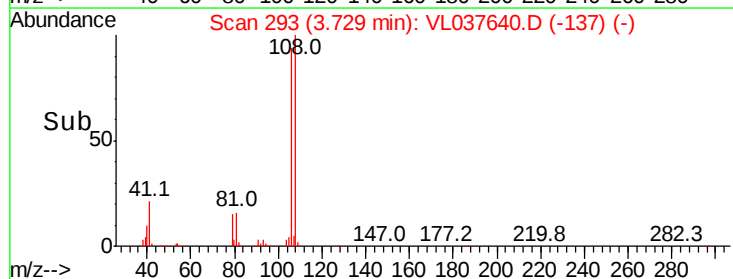
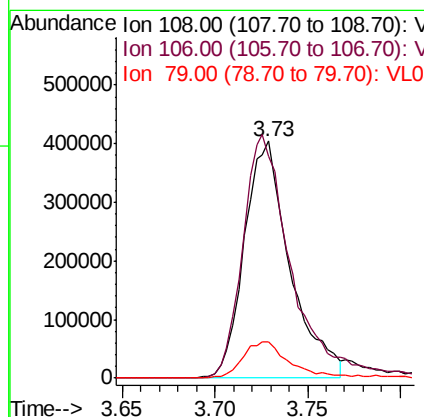
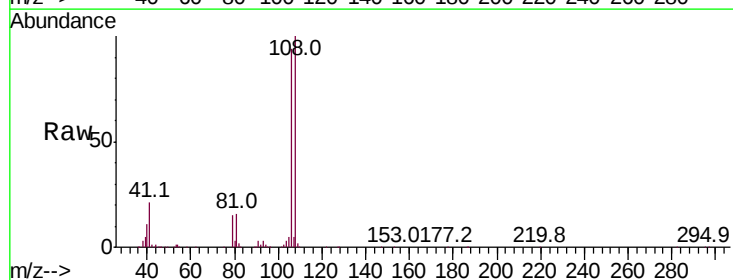
Manual Integrations
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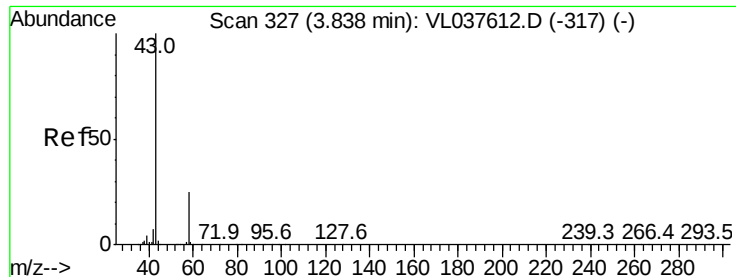
MMDadoda
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#14
Bromoethene
Concen: 9.822 ppbv
RT: 3.73 min Scan# 293
Delta R.T. 0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
108	100		
106	111.9	88.2	132.4
79	16.7	12.8	19.2





#15

Acetone

Concen: 8.193 ppbv

RT: 3.83 min Scan# 326

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 43 Resp: 1228269

Ion Ratio Lower Upper

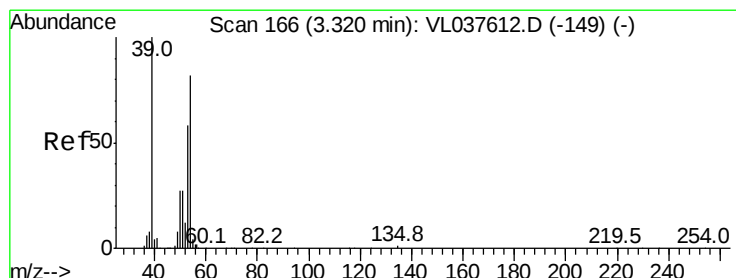
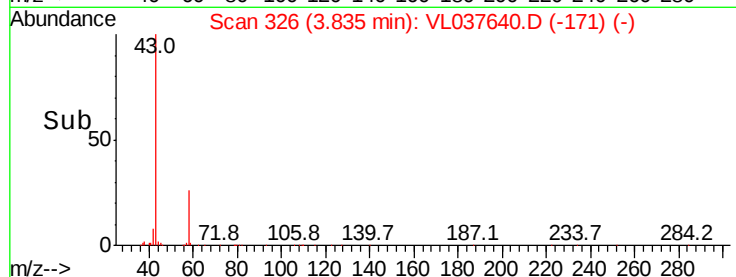
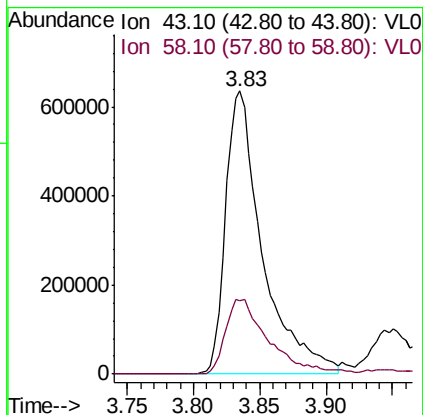
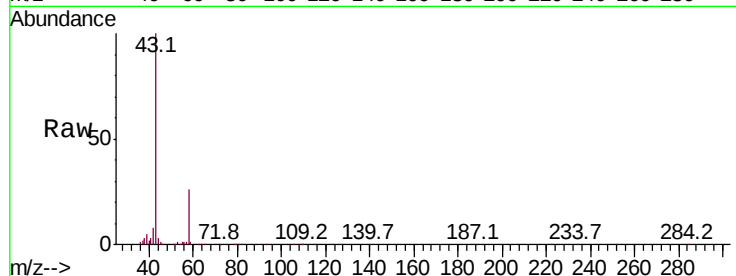
43 100

58 31.2 24.9 37.3

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#16

1,3-Butadiene

Concen: 10.496 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.01 min

Lab File: VL037640.D

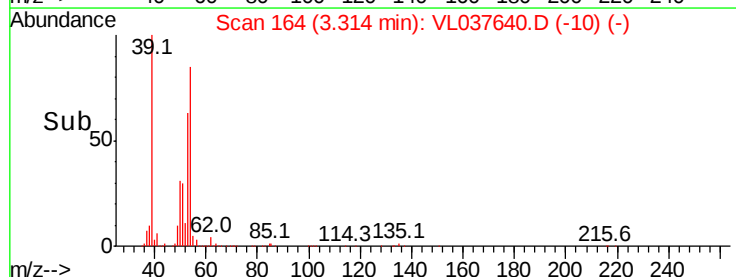
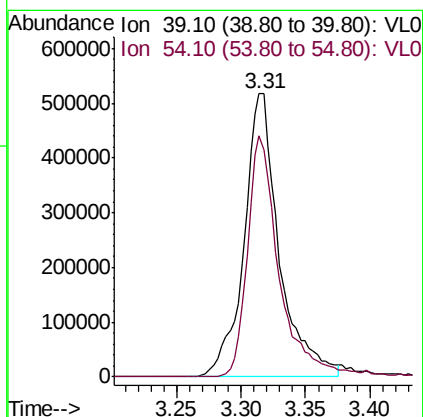
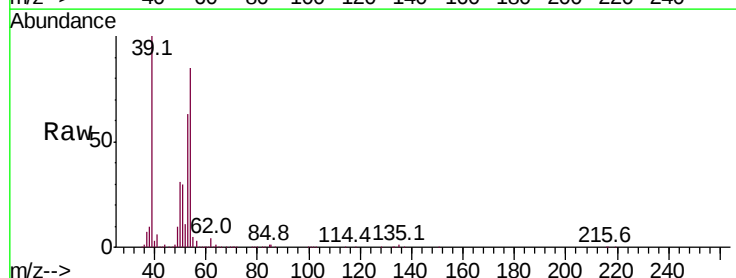
Acq: 17 Sep 2021 13:45

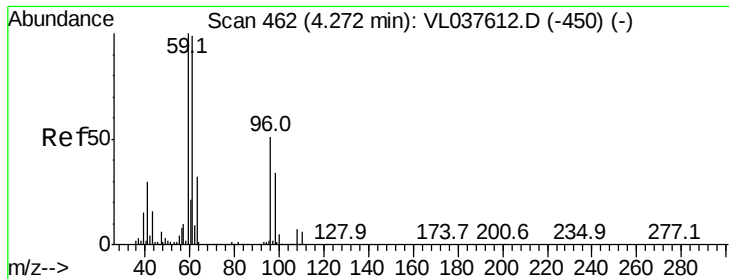
Tgt Ion: 39 Resp: 983287

Ion Ratio Lower Upper

39 100

54 78.2 62.6 93.8





#17

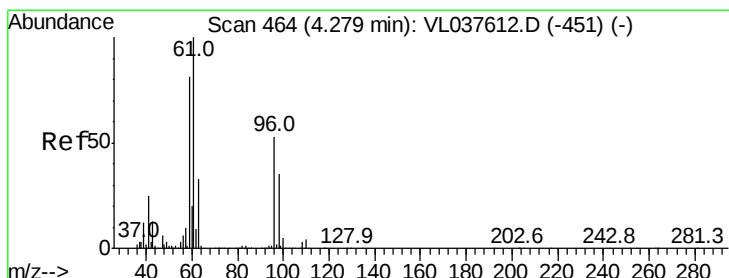
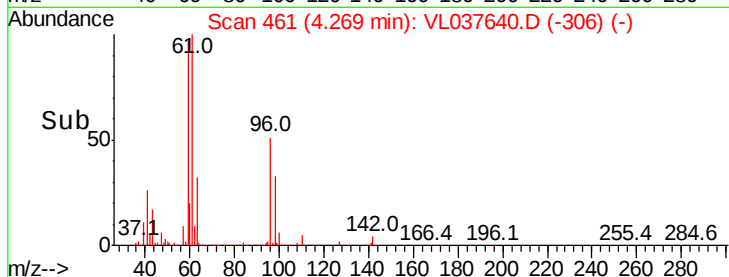
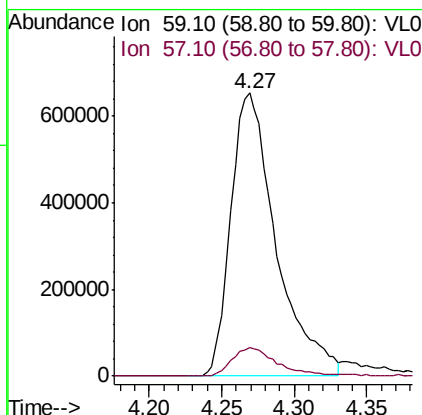
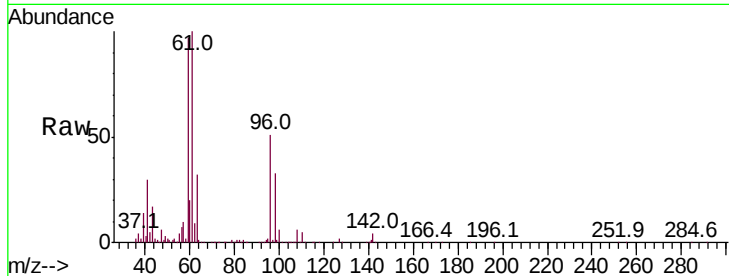
tert-Butyl alcohol
Concen: 11.136 ppbv
RT: 4.27 min Scan# 461
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion: 59 Resp: 1415764
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

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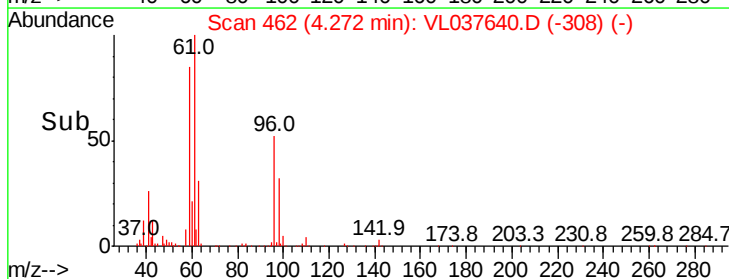
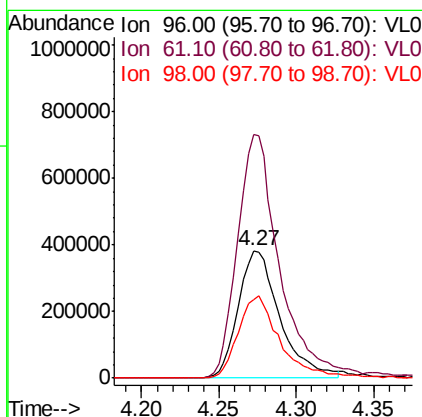
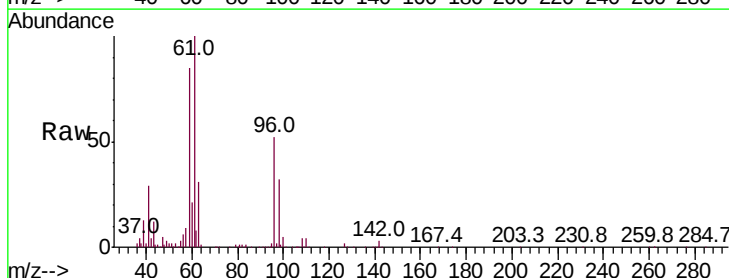
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9/20/2021 5:28:29 PM

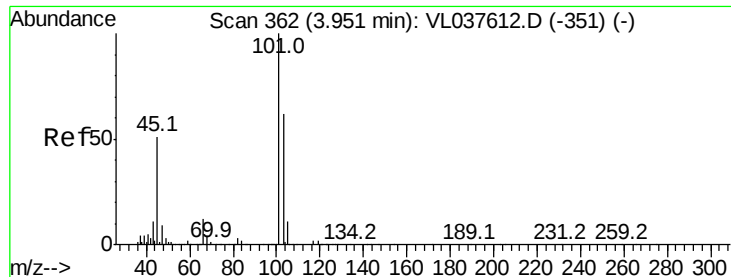


#18

1,1-Dichloroethene
Concen: 9.954 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.01 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion: 96 Resp: 717502
Ion Ratio Lower Upper
96 100
61 191.3 150.4 225.6
98 61.6 52.1 78.1





#19

Isopropyl Alcohol

Concen: 10.689 ppbv

RT: 3.95 min Scan# 361

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 45 Resp: 871973

Ion Ratio Lower Upper

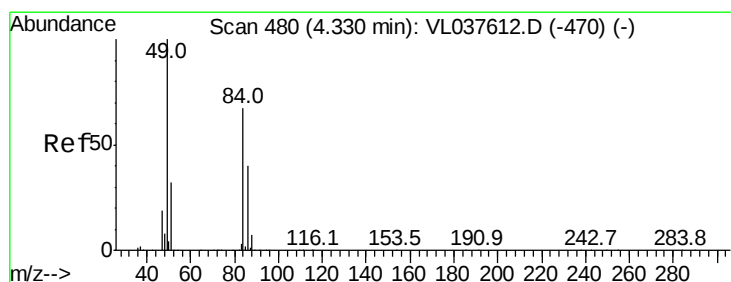
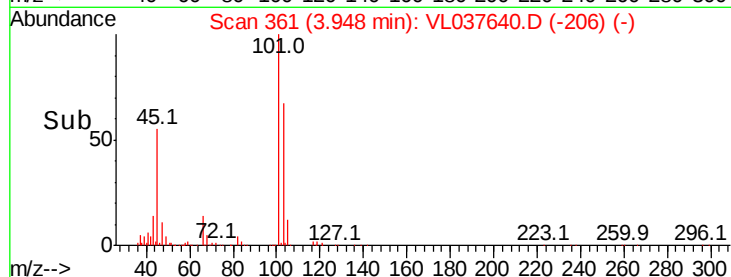
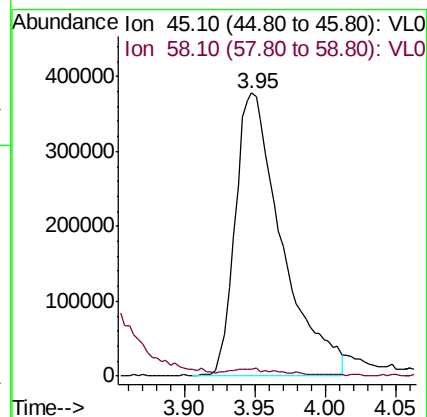
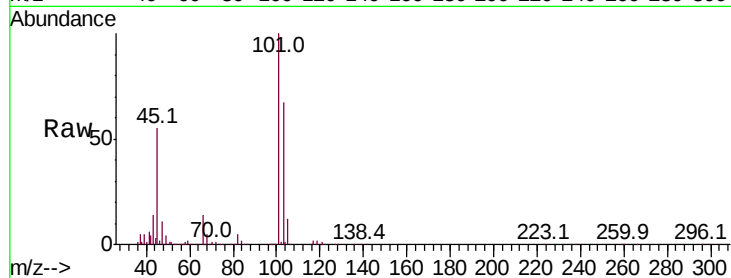
45 100

58 2.7 2.9 4.3#

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#20

Methylene Chloride

Concen: 8.451 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Tgt Ion: 84 Resp: 604857

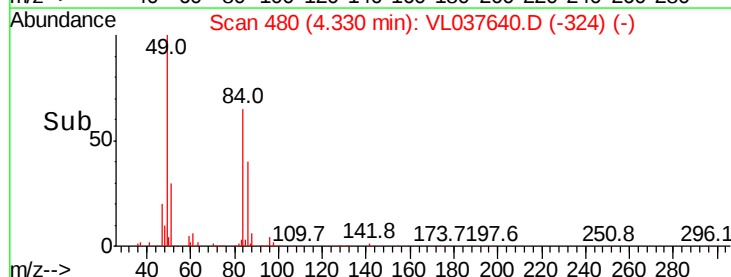
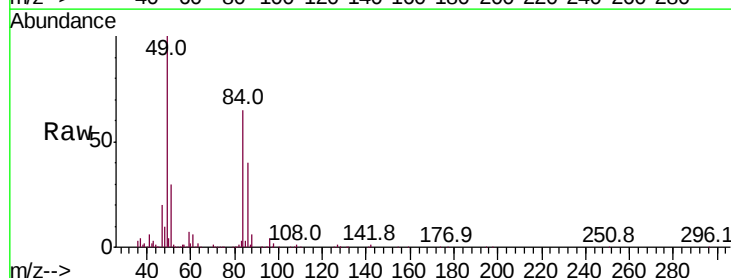
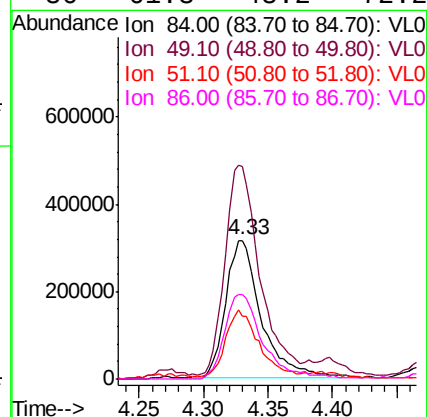
Ion Ratio Lower Upper

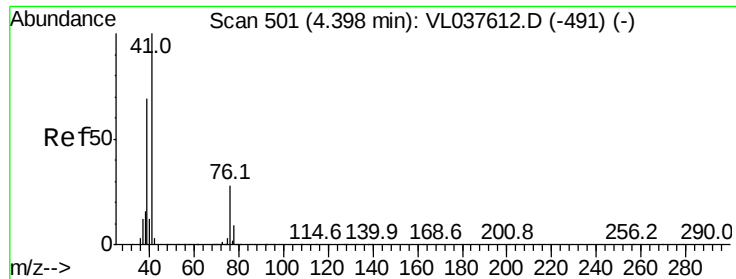
84 100

49 150.4 120.0 180.0

51 43.9 38.0 57.0

86 61.3 48.2 72.2





#21

Allvl Chloride

Concen: 10.517 ppbv

RT: 4.39 min Scan# 500

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 41 Resp: 1177909

Ion Ratio Lower Upper

41 100

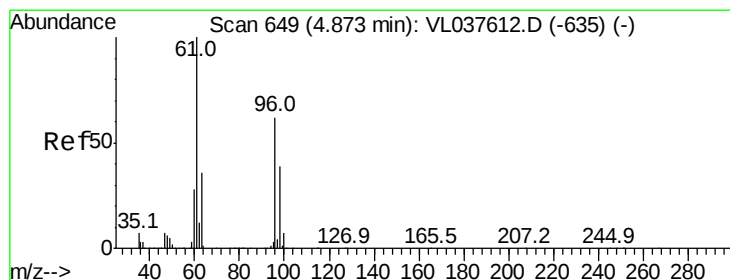
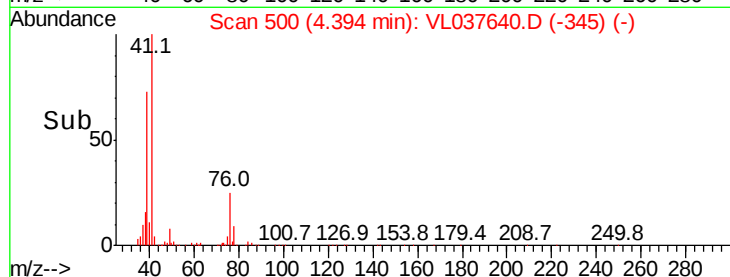
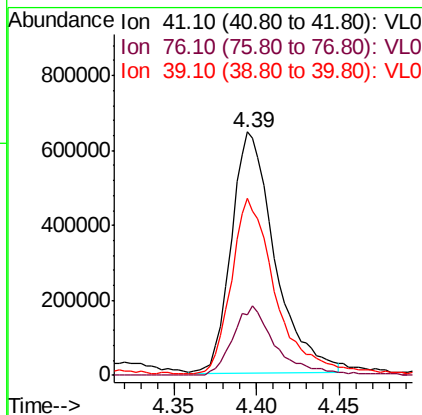
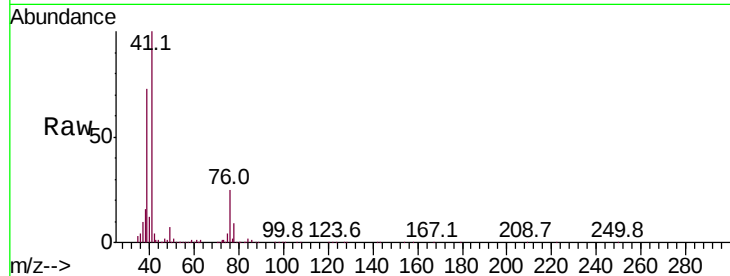
76 28.4 23.1 34.7

39 74.8 61.0 91.6

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#22

trans-1,2-Dichloroethene

Concen: 10.462 ppbv

RT: 4.87 min Scan# 647

Delta R.T. -0.01 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

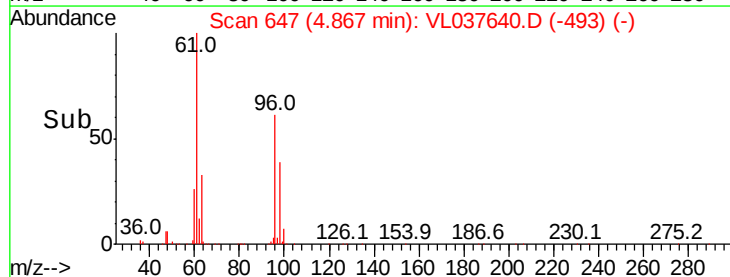
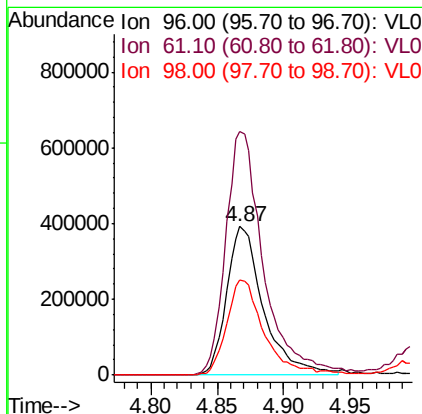
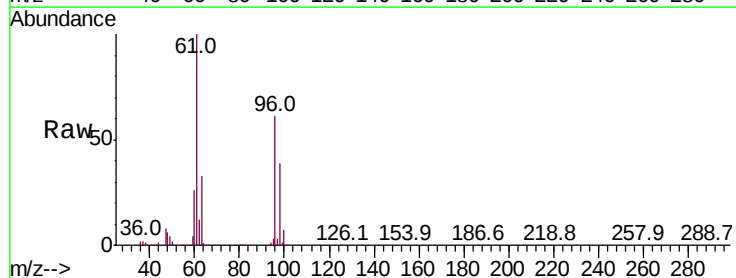
Tgt Ion: 96 Resp: 758740

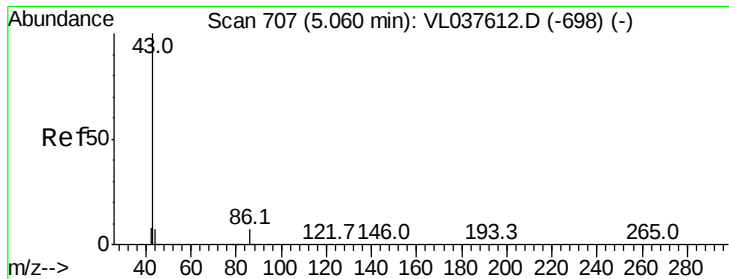
Ion Ratio Lower Upper

96 100

61 163.6 129.2 193.8

98 63.7 50.4 75.6





#23

Vinyl Acetate

Concen: 9.455 ppbv

RT: 5.06 min Scan# 706

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 43 Resp: 1961543

Ion Ratio Lower Upper

43 100

86 7.2 5.0 7.6

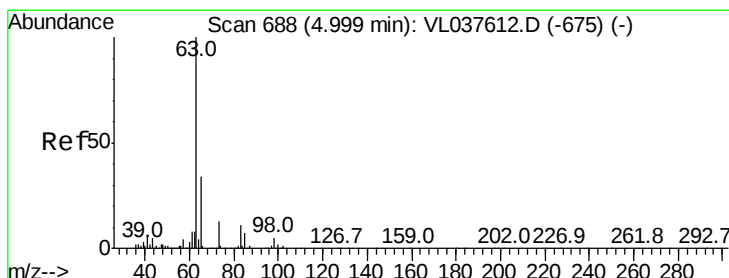
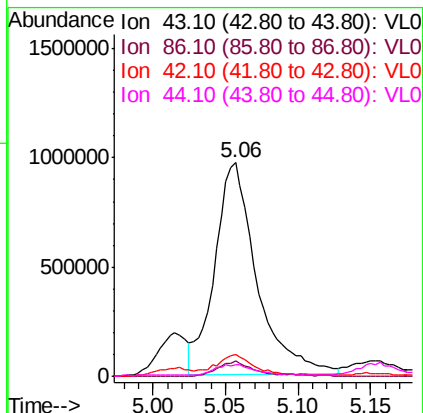
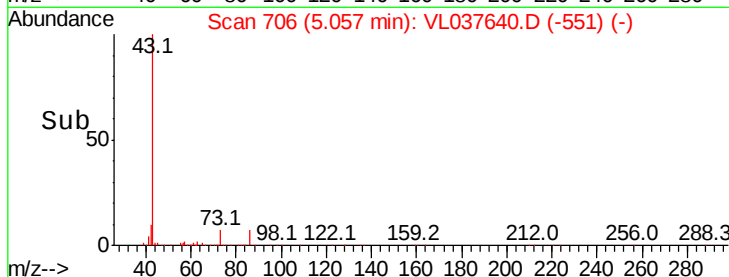
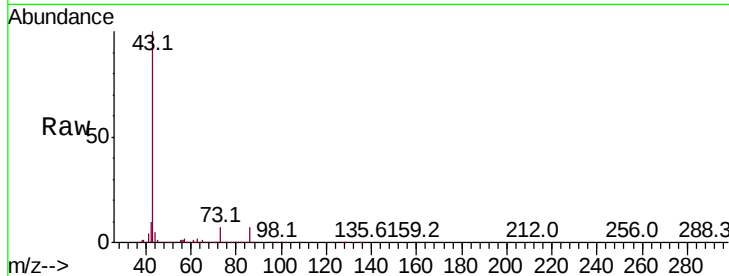
42 9.8 7.5 11.3

44 4.7 4.7 7.1#

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#24

1,1-Dichloroethane

Concen: 9.991 ppbv

RT: 5.00 min Scan# 687

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

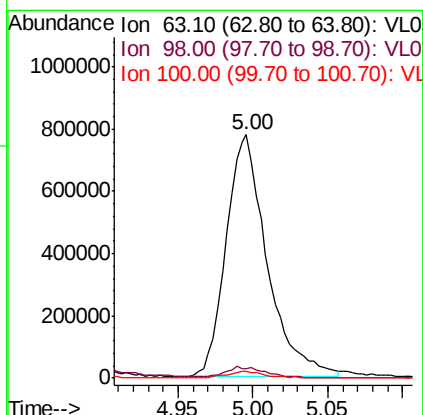
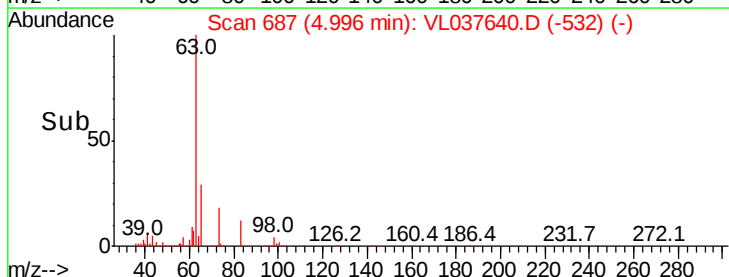
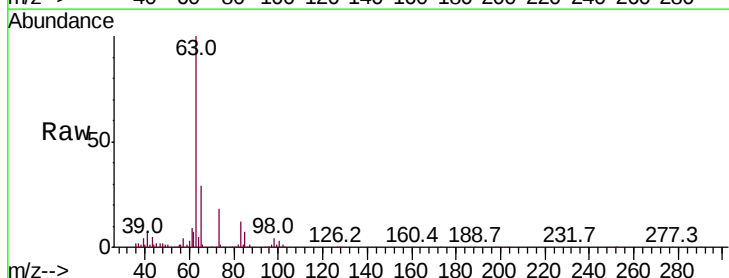
Tgt Ion: 63 Resp: 1484836

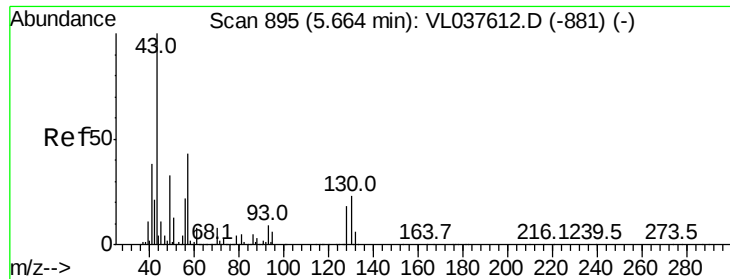
Ion Ratio Lower Upper

63 100

98 3.8 2.4 7.2

100 2.5 1.1 3.5





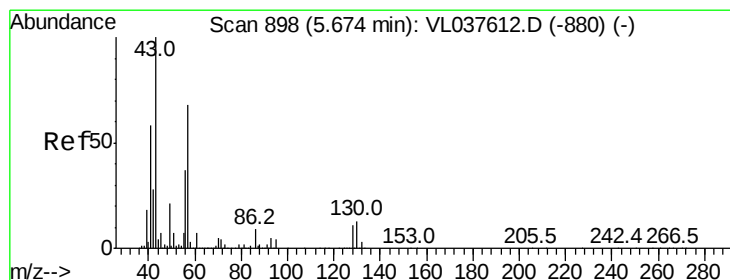
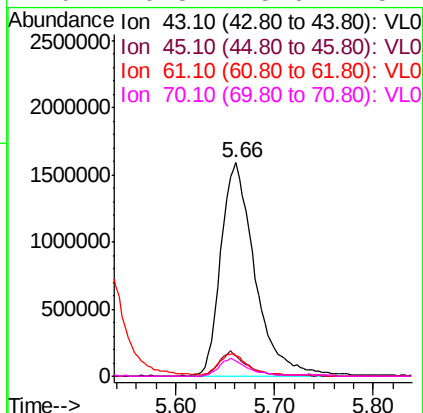
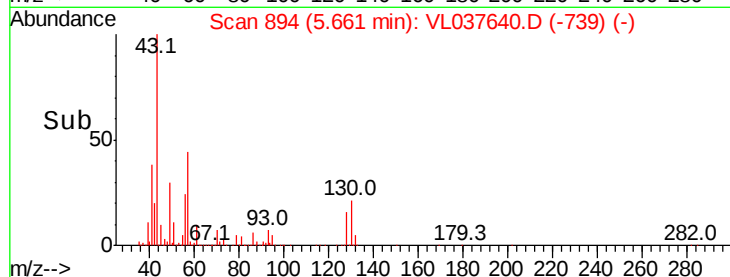
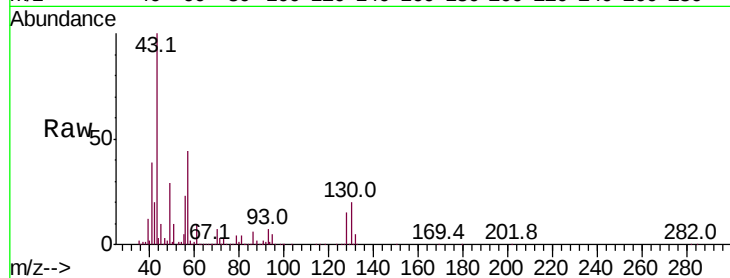
#25
Ethyl Acetate
Concen: 10.596 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion	Ratio	Lower	Upper
43	100		
45	9.7	8.0	12.0
61	9.0	7.5	11.3
70	6.8	5.6	8.4

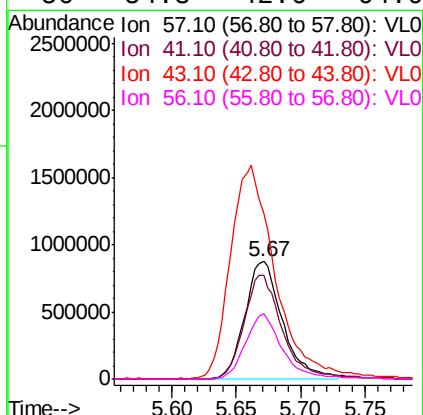
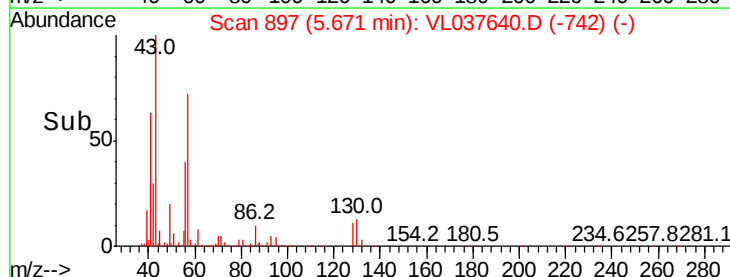
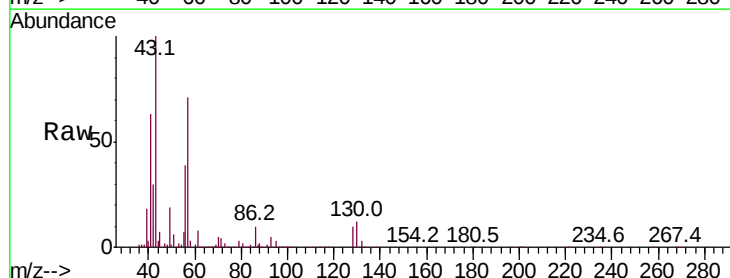
Manual Integrations
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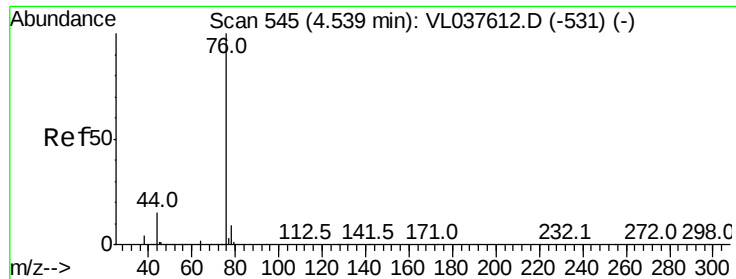
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#26
Hexane
Concen: 10.312 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
57	100		
41	91.3	70.9	106.3
43	218.9	170.4	255.6
56	54.8	42.6	64.0





#27

Carbon Disulfide

Concen: 11.426 ppbv

RT: 4.54 min Scan# 544

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

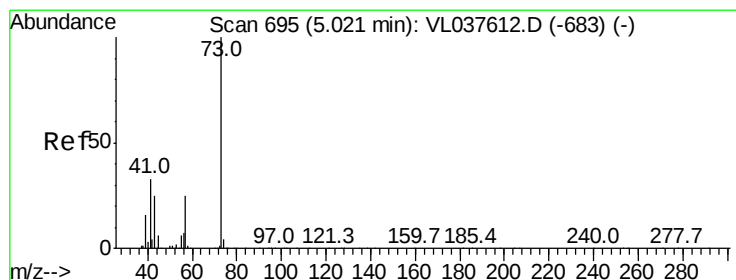
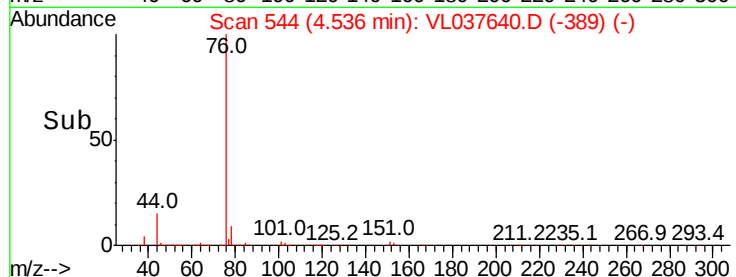
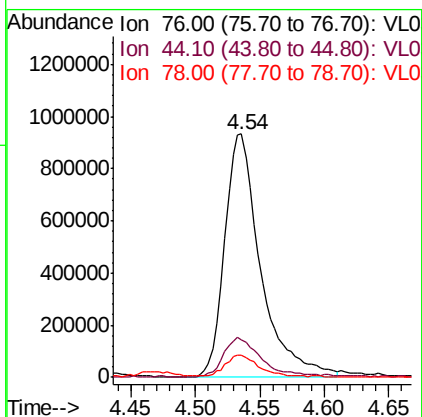
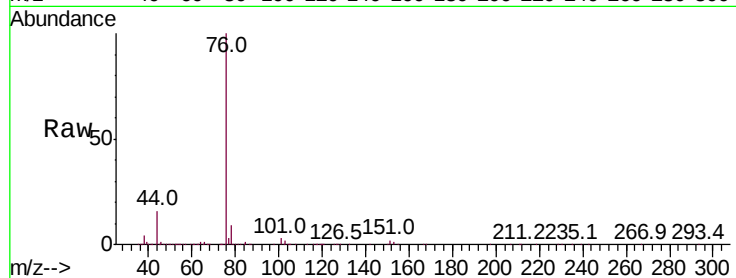
Instrument :
MSVOA_L

ClientSampleId :
VL0917ABS01

Tot Ion	Ratio	Lower	Upper
76	100		
44	17.4	14.2	21.2
78	9.5	7.4	11.0

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 10.160 ppbv

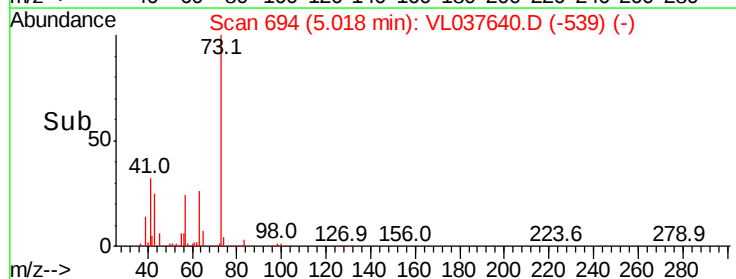
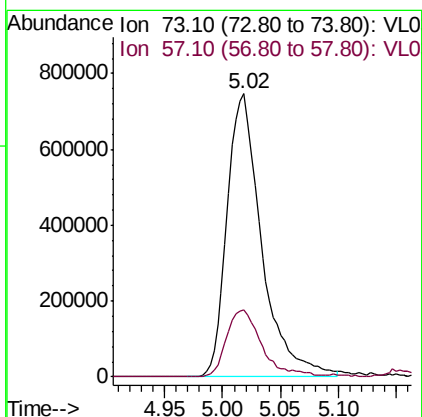
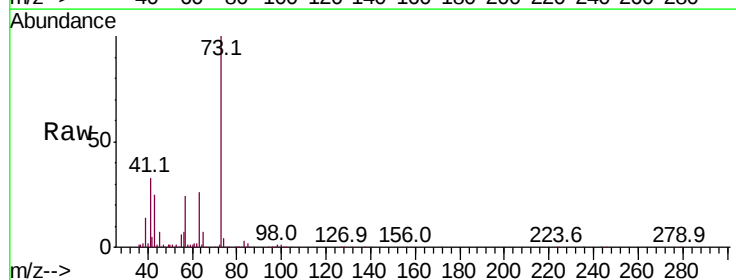
RT: 5.02 min Scan# 694

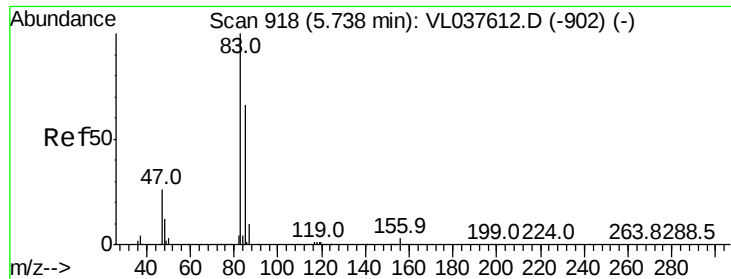
Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
73	100		
57	24.6	20.1	30.1





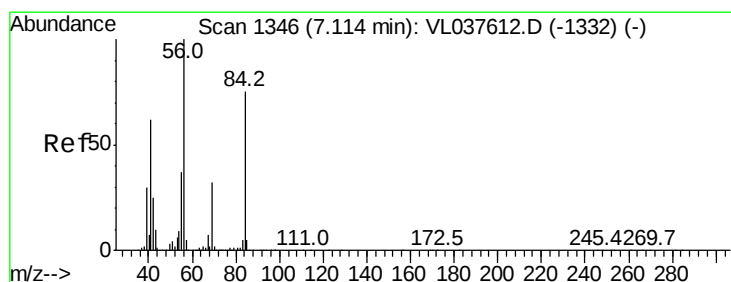
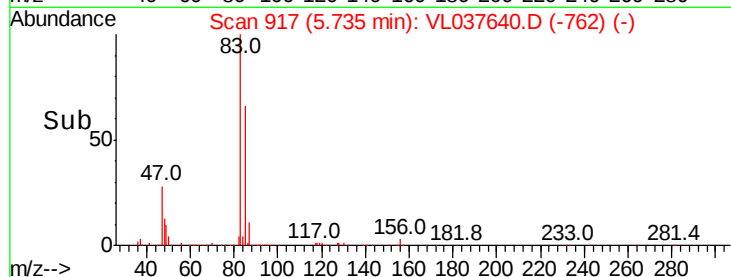
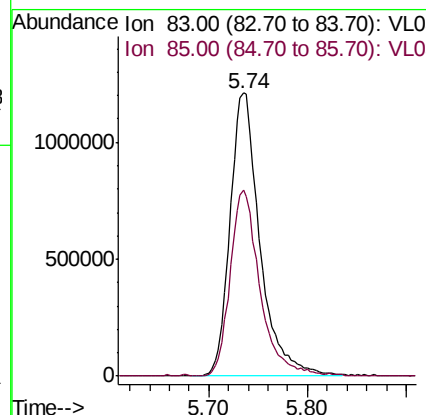
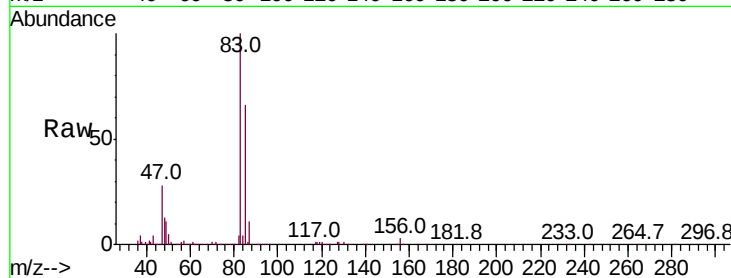
#29
Chloroform
Concen: 10.217 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion: 83 Resp: 2573272
Ion Ratio Lower Upper
83 100
85 65.8 52.6 79.0

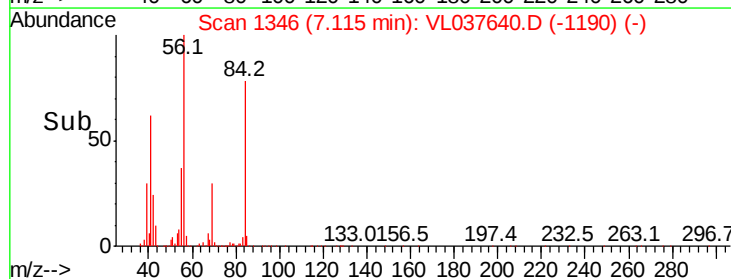
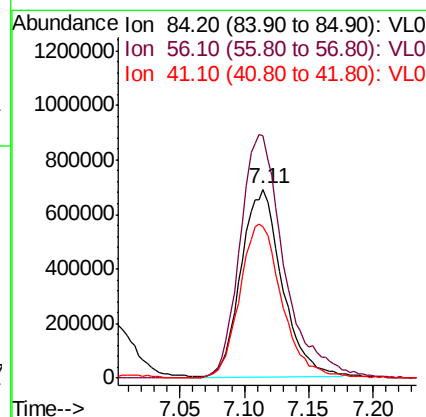
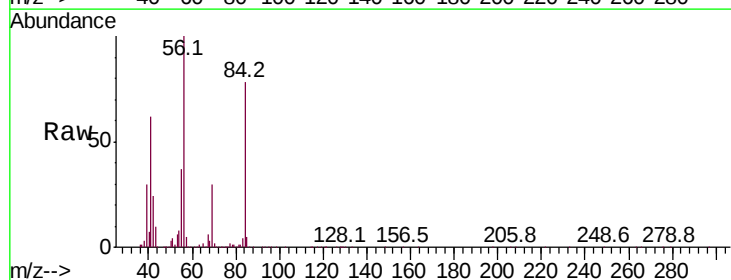
Manual Integrations
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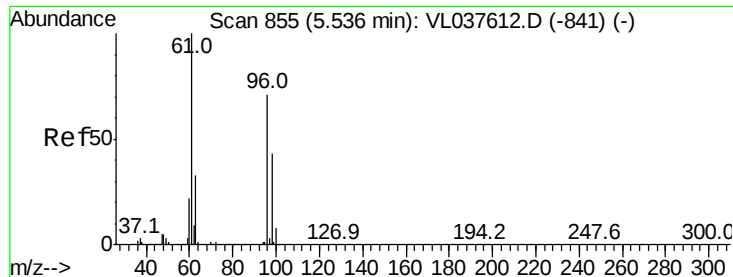
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#30
Cyclohexane
Concen: 10.390 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion: 84 Resp: 1532771
Ion Ratio Lower Upper
84 100
56 139.6 113.6 170.4
41 84.0 67.9 101.9





#31

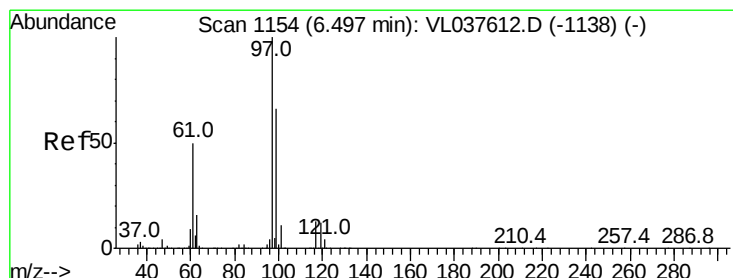
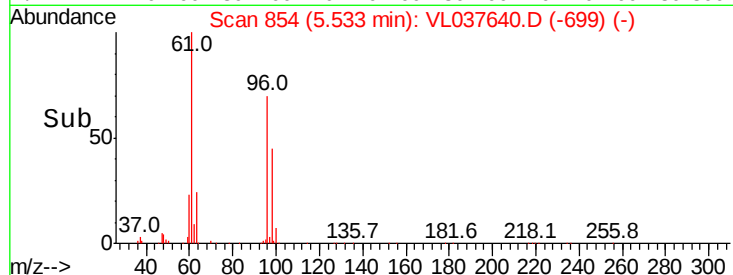
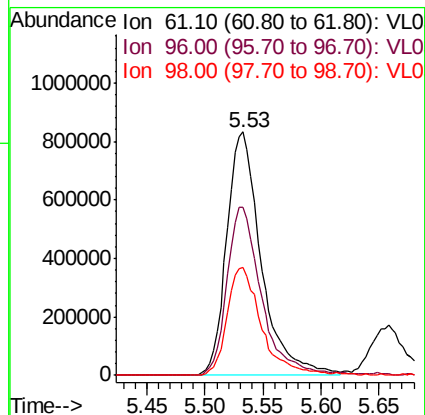
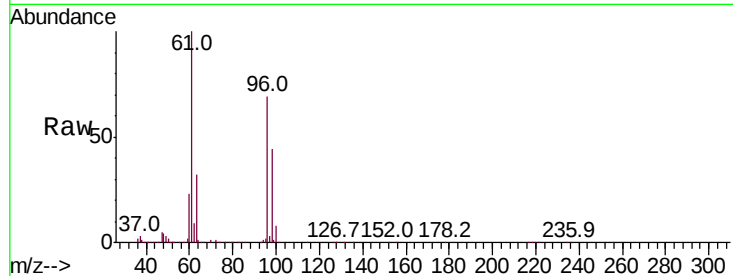
cis-1,2-Dichloroethene
Concen: 10.922 ppbv
RT: 5.53 min Scan# 854
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion	Ratio	Lower	Upper
61	100		
96	68.9	56.7	85.1
98	44.5	34.6	52.0

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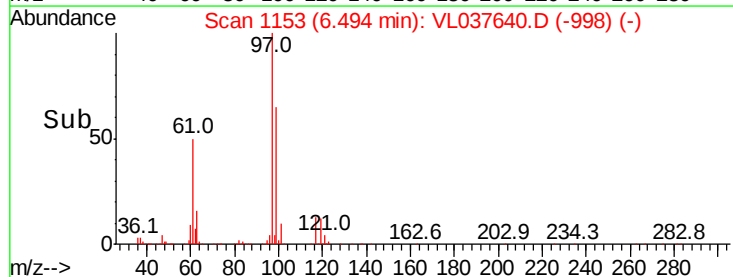
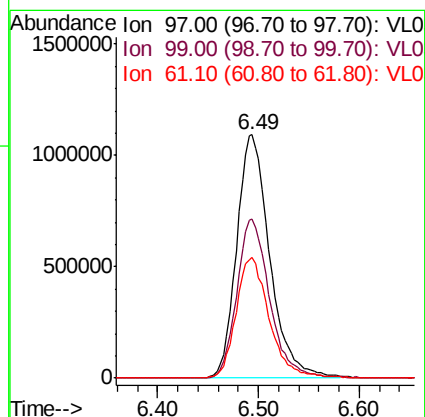
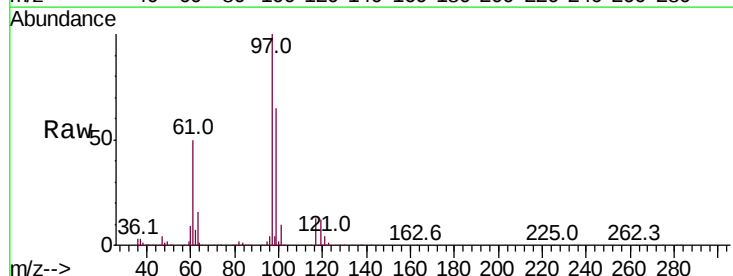
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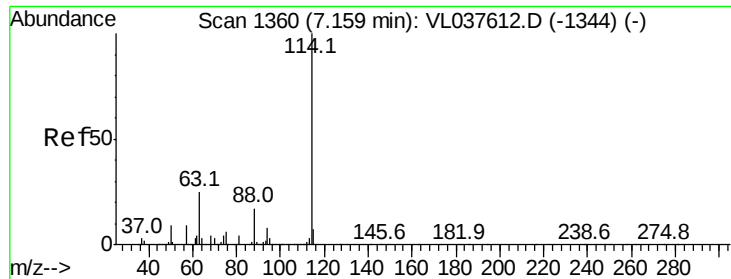


#32

1,1,1-Trichloroethane
Concen: 10.608 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.3	78.5
61	49.8	39.5	59.3





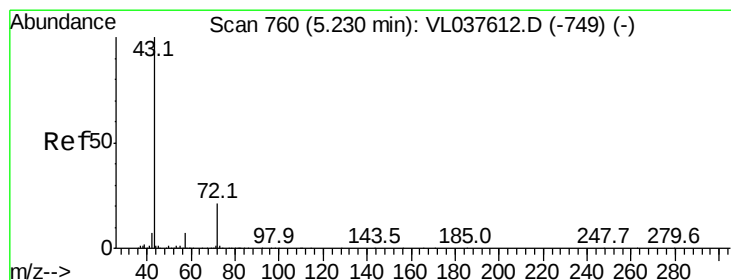
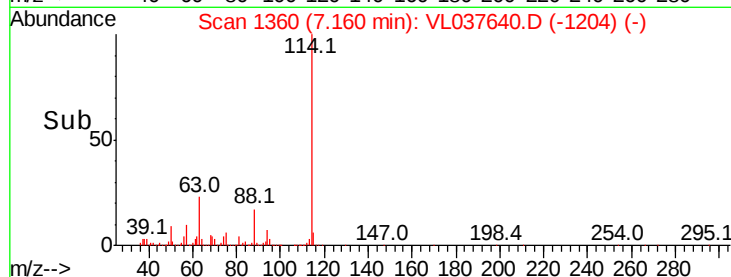
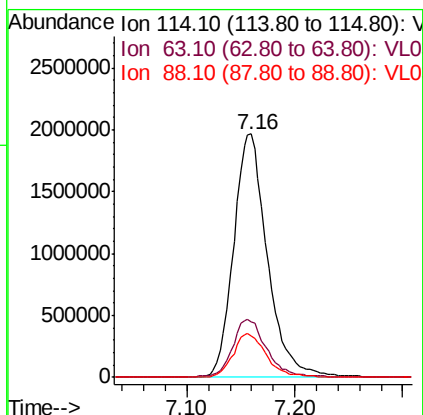
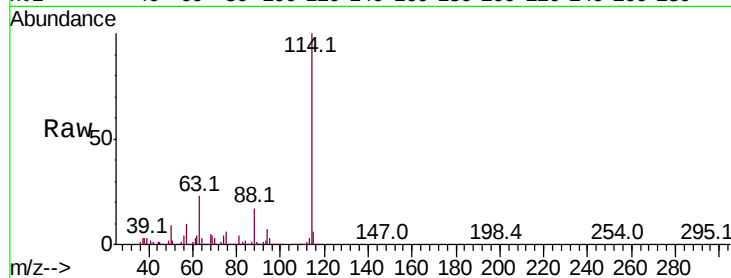
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.6	29.4
88	17.9	14.2	21.4

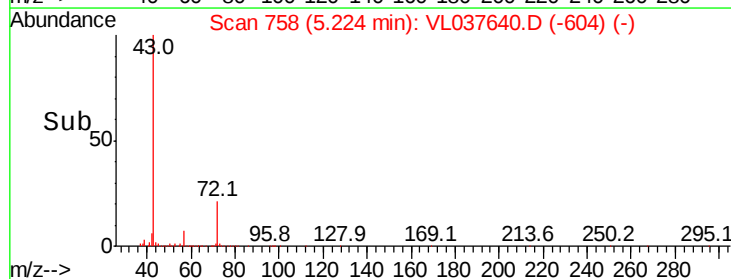
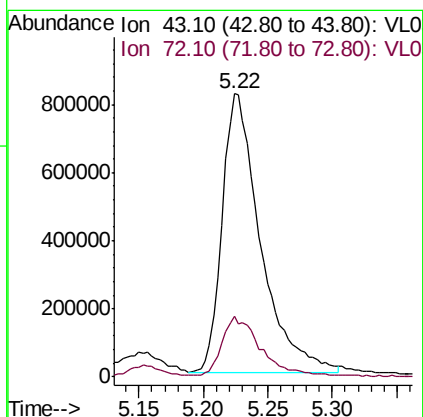
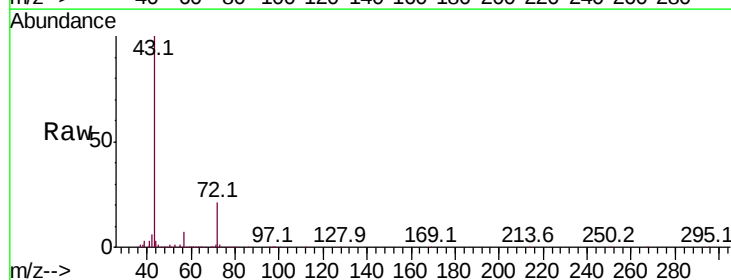
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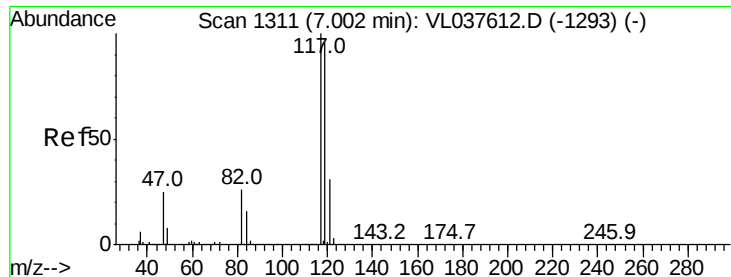
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#34
 2-Butanone
 Concen: 9.696 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.4	27.6





#35

Carbon Tetrachloride

Concen: 10.712 ppbv

RT: 7.00 min Scan# 1310

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion:117 Resp: 2583845

Ion Ratio Lower Upper

117 100

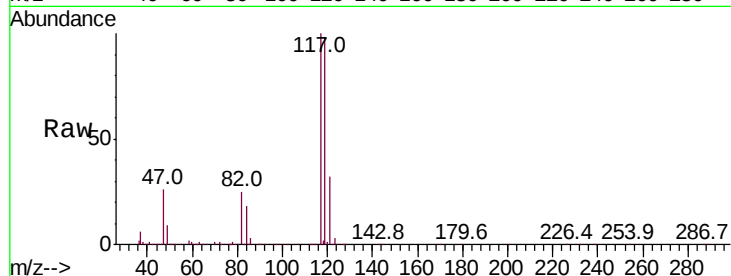
119 97.7 77.0 115.6

121 31.6 24.5 36.7

Manual Integrations
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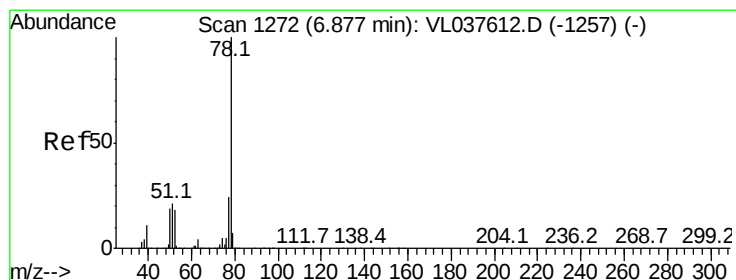
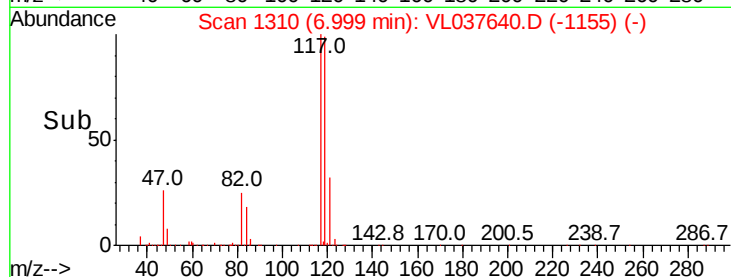
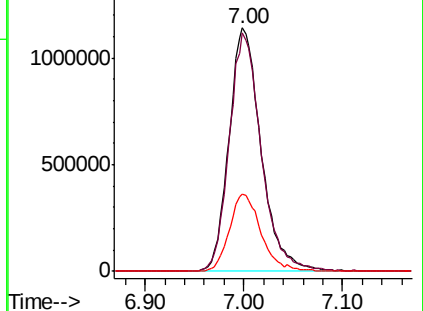
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 10.621 ppbv

RT: 6.87 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

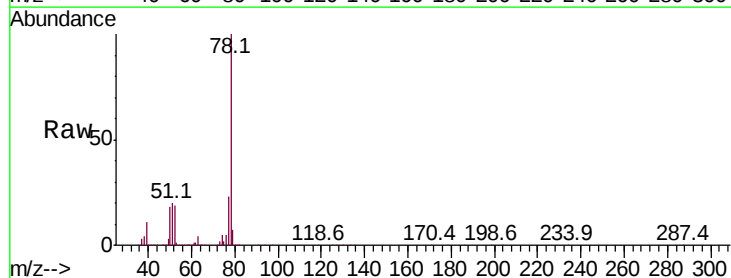
Tgt Ion: 78 Resp: 3776728

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.4

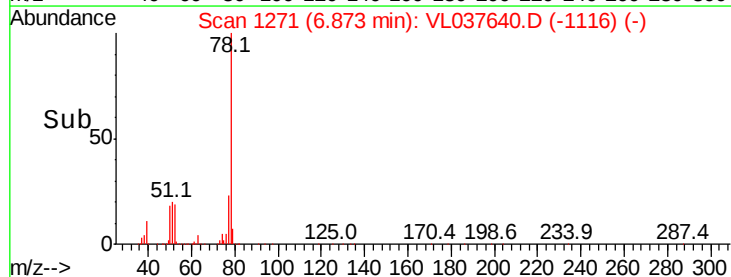
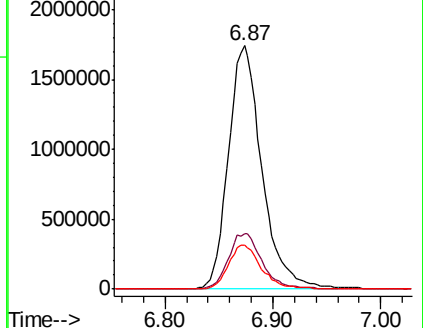
50 18.1 14.8 22.2

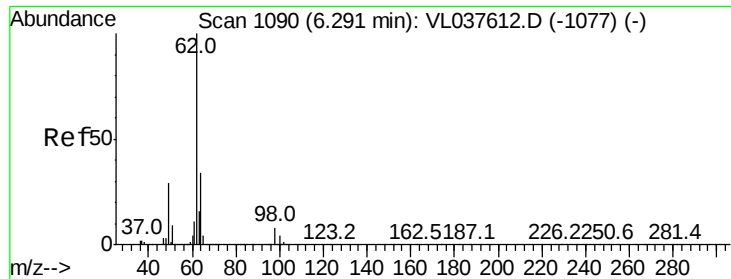


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





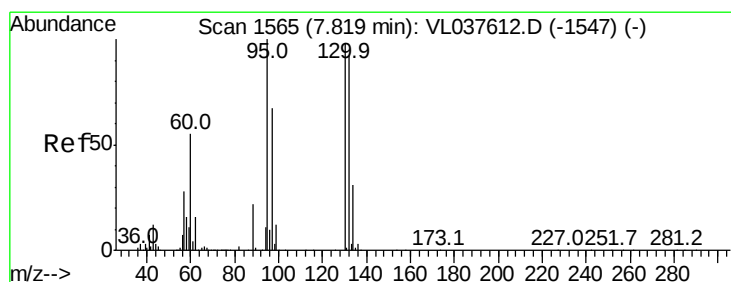
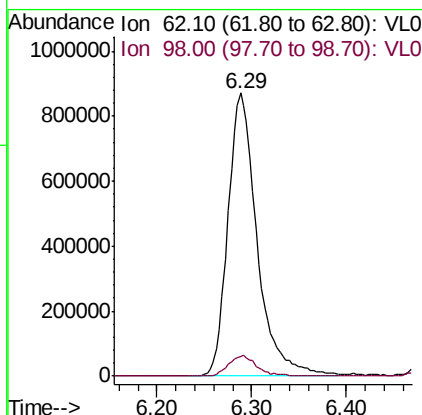
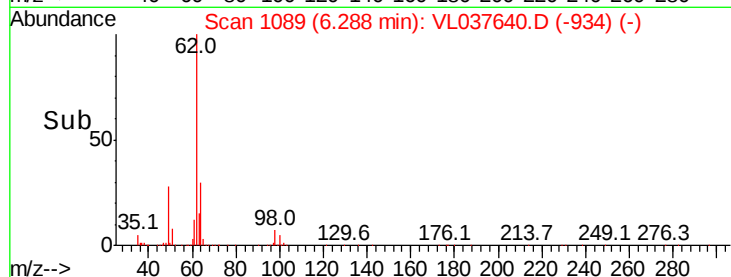
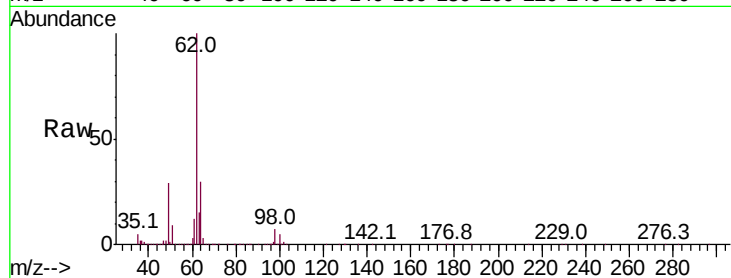
#37
 1,2-Dichloroethane
 Concen: 10.670 ppbv
 RT: 6.29 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion: 62 Resp: 1866039
 Ion Ratio Lower Upper
 62 100
 98 7.2 6.1 9.1

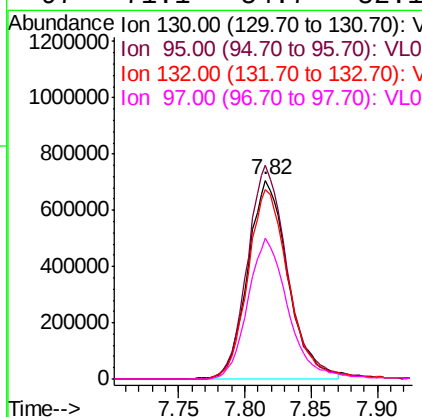
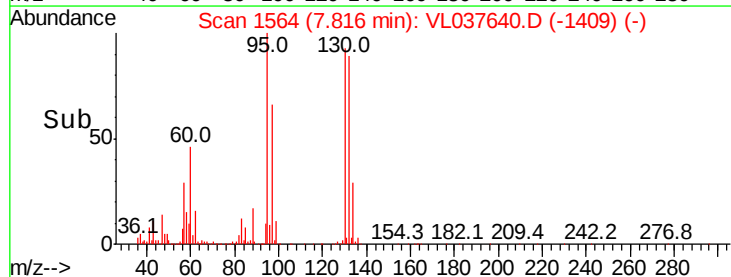
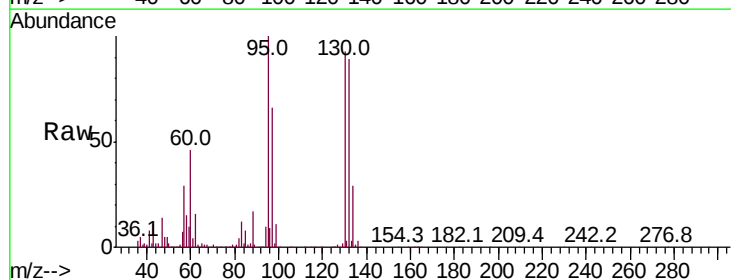
Manual Integrations
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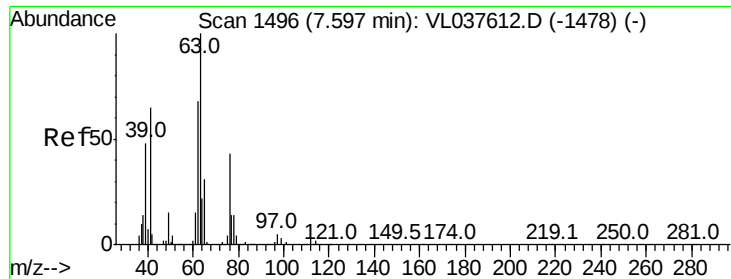
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#38
 Trichloroethene
 Concen: 9.958 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Tgt Ion: 130 Resp: 1479181
 Ion Ratio Lower Upper
 130 100
 95 108.0 81.8 122.6
 132 95.8 75.3 112.9
 97 71.1 54.7 82.1





#39

1,2-Dichloropropane

Concen: 10.428 ppbv

RT: 7.60 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

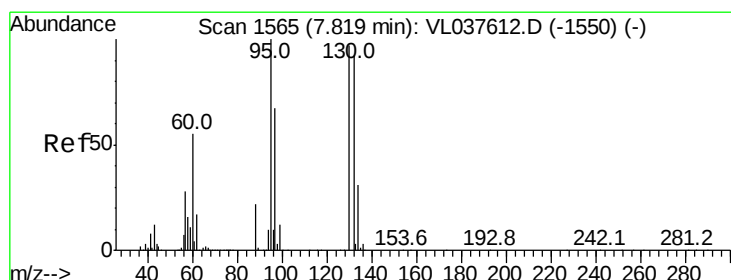
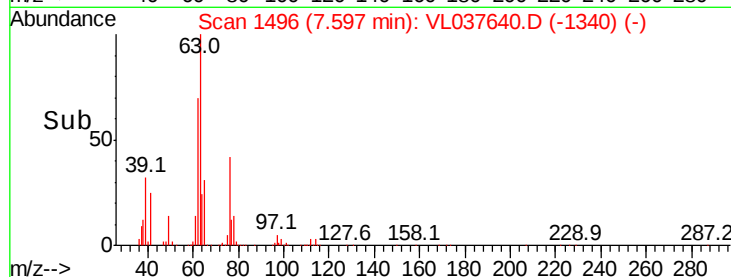
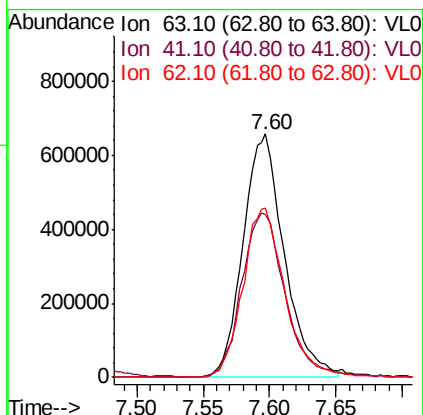
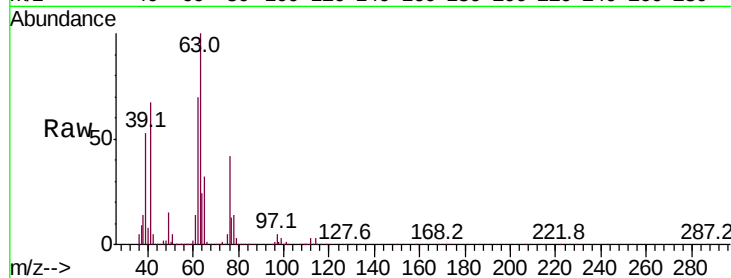
ClientSampleId :

VL0917ABS01

Tot Ion:	63	Resp:	1420167
Ion	Ratio	Lower	Upper
63	100		
41	66.7	51.6	77.4
62	69.5	54.6	81.8

Manual Integrations
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#40

1,4-Dioxane

Concen: 10.041 ppbv m

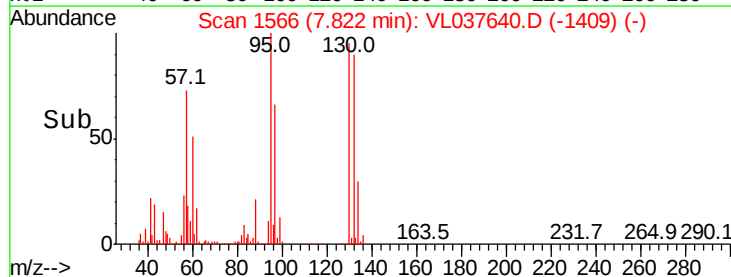
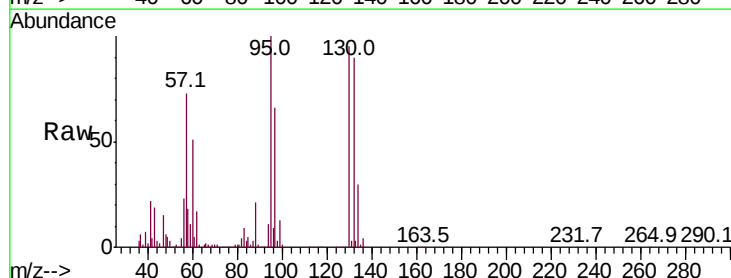
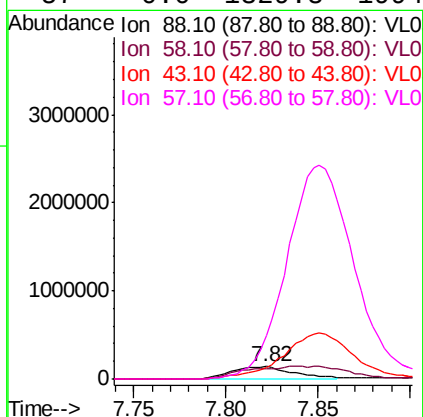
RT: 7.82 min Scan# 1566

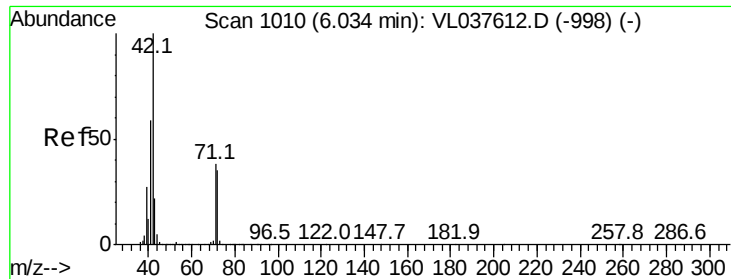
Delta R.T. 0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Tgt Ion:	88	Resp:	332636
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#





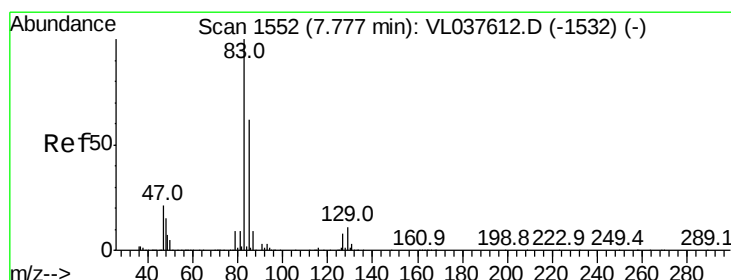
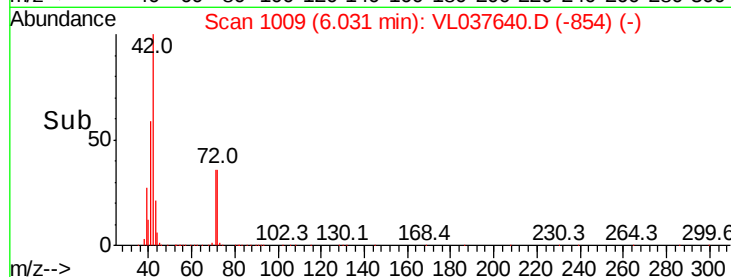
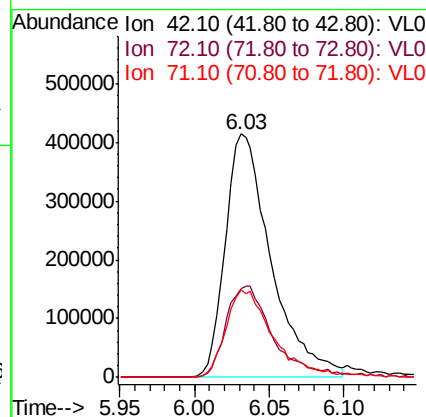
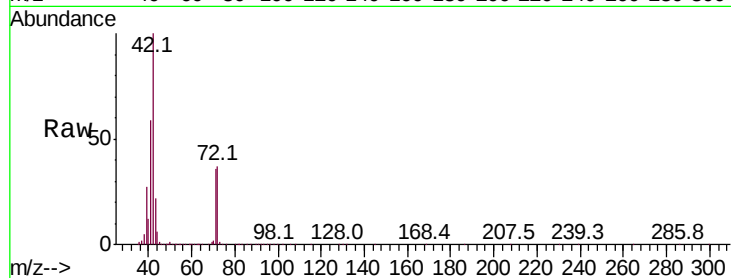
#41
Tetrahydrofuran
Concen: 10.725 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	31.4	47.2
71	38.6	30.6	46.0

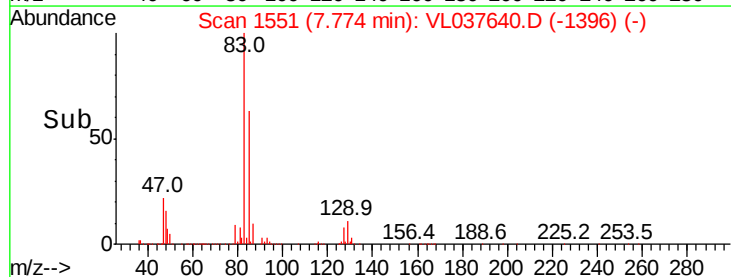
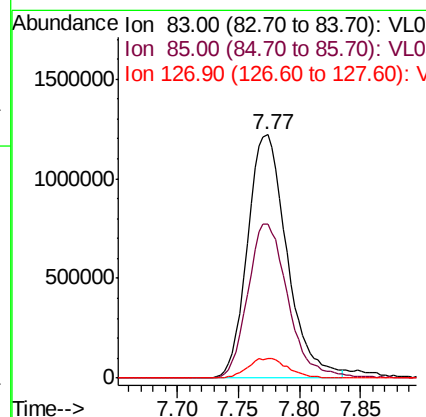
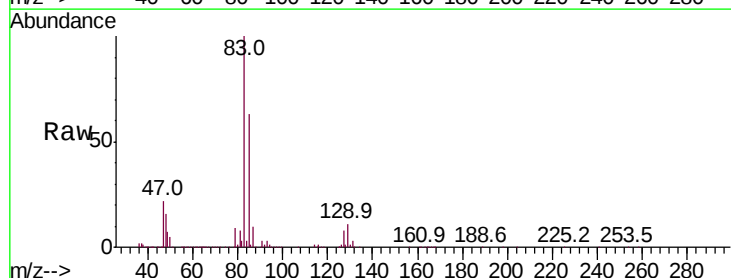
Manual Integrations
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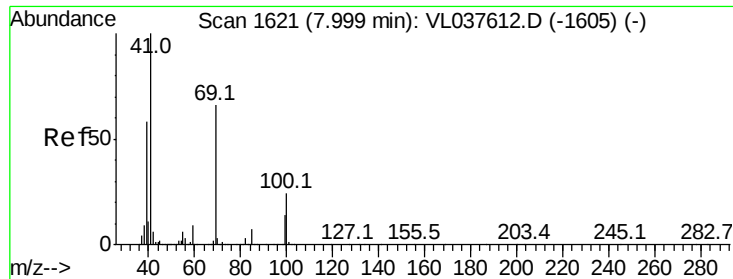
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#42
Bromodichloromethane
Concen: 10.888 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	49.8	74.6
127	8.2	6.4	9.6





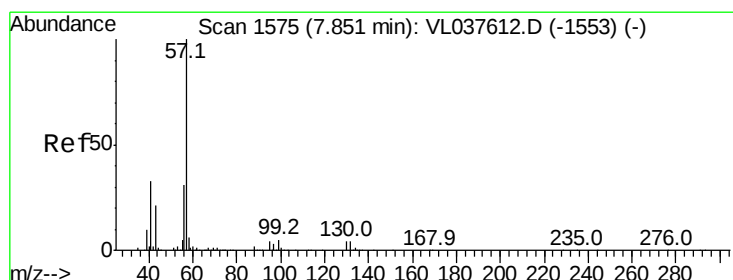
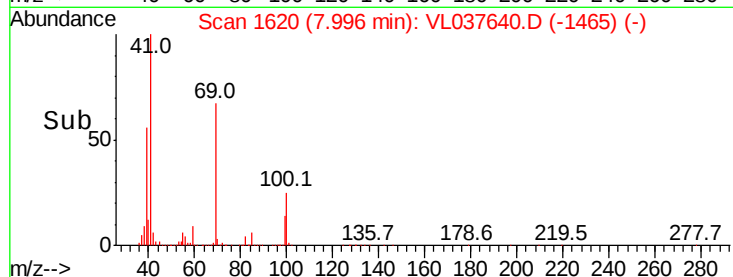
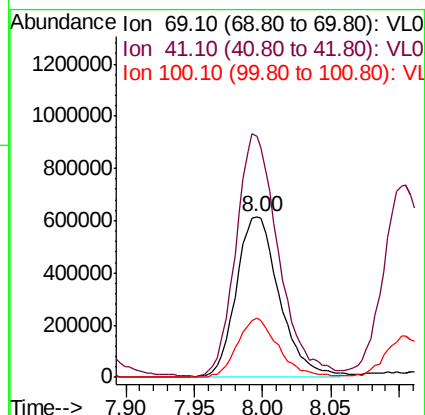
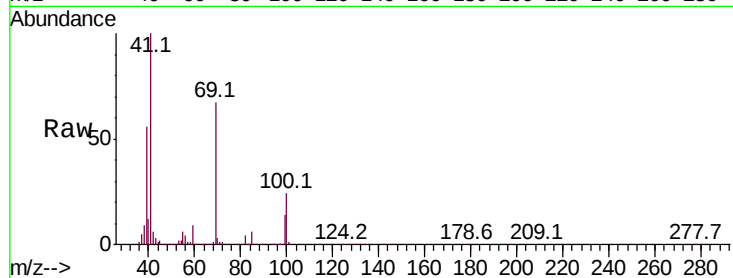
#43
Methvl Methacrylate
Concen: 11.428 ppbv
RT: 8.00 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion: 69 Resp: 1351807
Ion Ratio Lower Upper
69 100
41 149.5 119.0 178.4
100 35.1 27.6 41.4

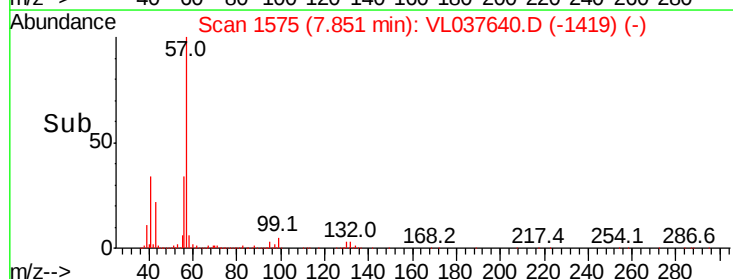
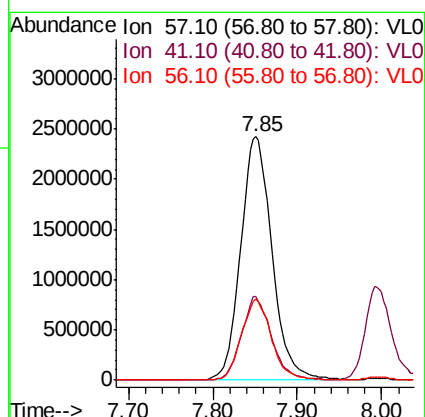
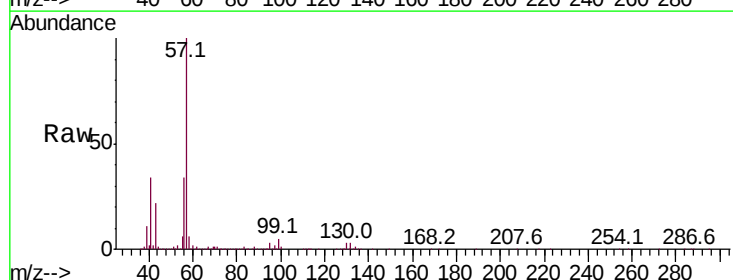
Manual Integrations
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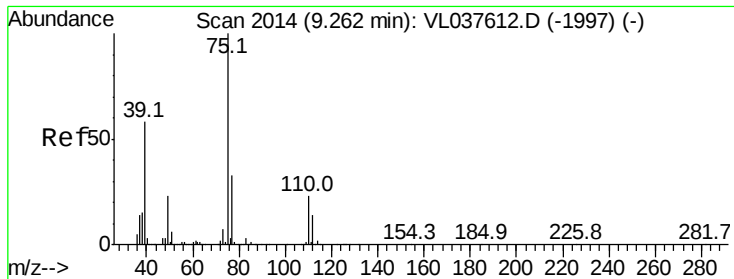
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#44
2,2,4-Trimethylpentane
Concen: 10.486 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion: 57 Resp: 6268367
Ion Ratio Lower Upper
57 100
41 32.8 26.1 39.1
56 31.9 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 12.233 ppbv

RT: 9.26 min Scan# 2013

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 75 Resp: 1136666

Ion Ratio Lower Upper

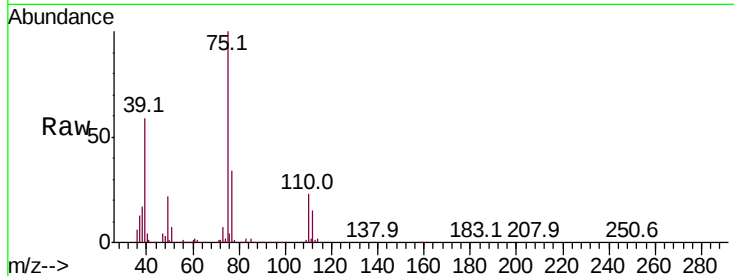
75 100

77 33.8 26.3 39.5

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Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.26

600000

500000

400000

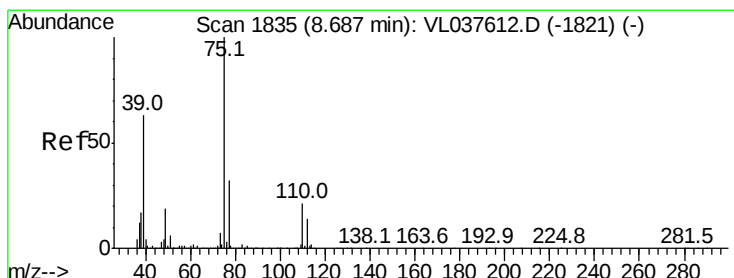
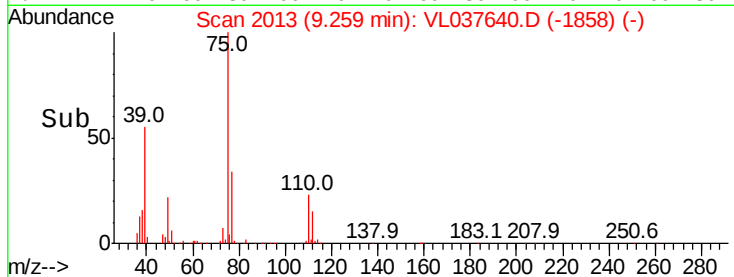
300000

200000

100000

0

Time-->



#46

cis-1,3-Dichloropropene

Concen: 12.289 ppbv

RT: 8.68 min Scan# 1834

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

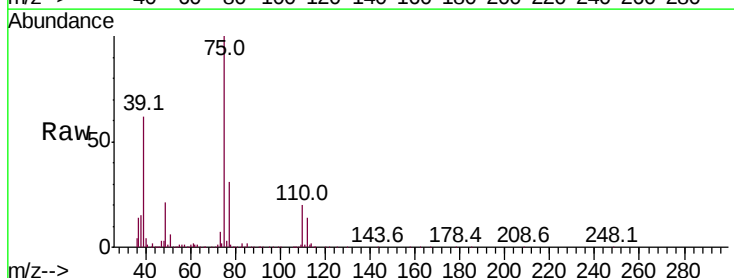
Tgt Ion: 75 Resp: 1542481

Ion Ratio Lower Upper

75 100

39 62.2 50.2 75.4

77 30.5 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

1000000

800000

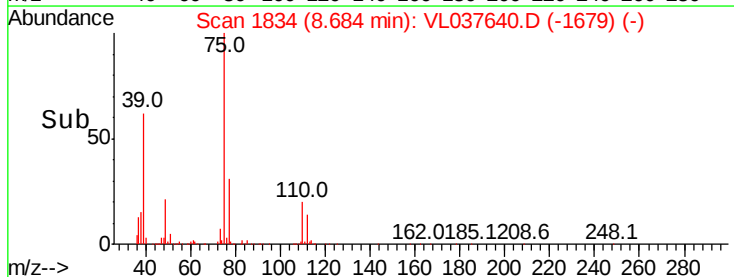
600000

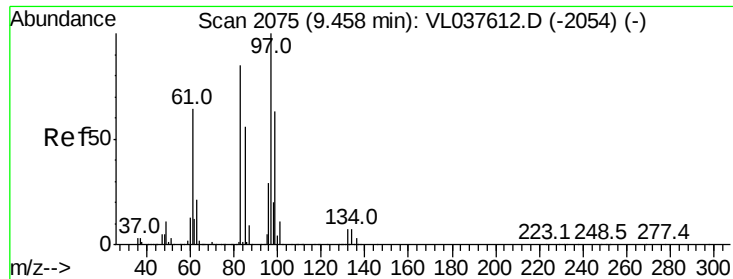
400000

200000

0

Time-->





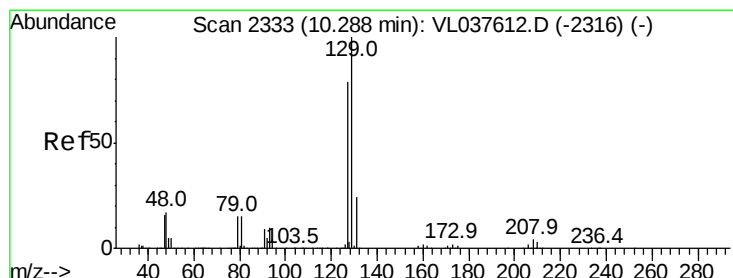
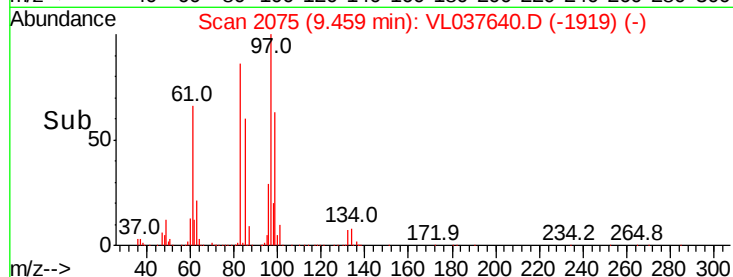
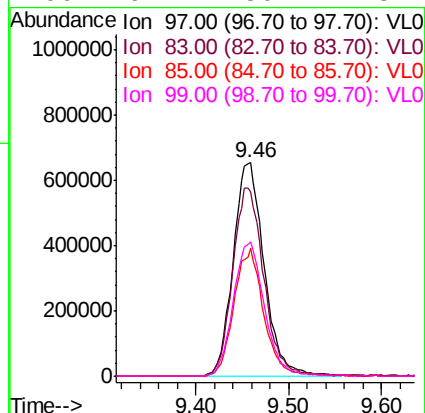
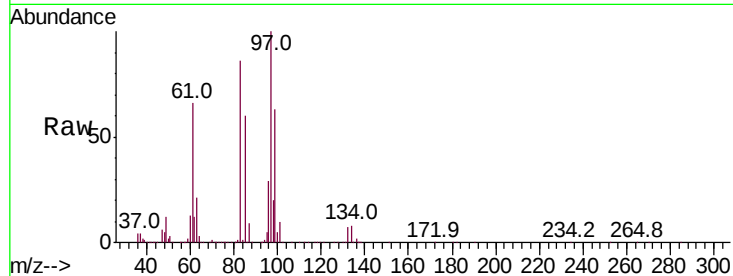
#47
 1,1,2-Trichloroethane
 Concen: 10.067 ppbv
 RT: 9.46 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.9	101.9
85	60.1	44.8	67.2
99	62.7	50.1	75.1

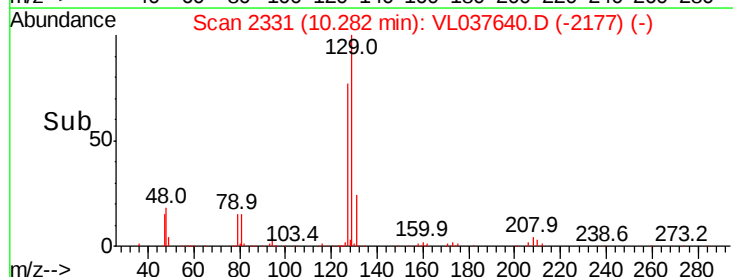
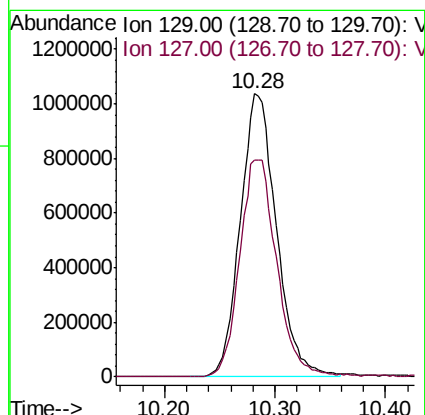
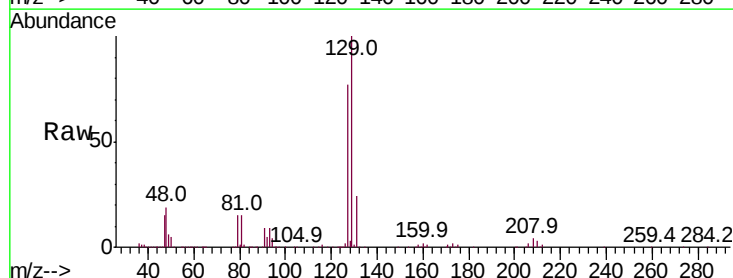
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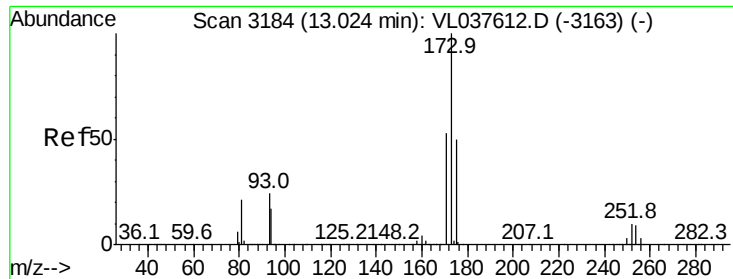
MMDadoda
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#48
 Dibromochloromethane
 Concen: 11.218 ppbv
 RT: 10.28 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.3	117.8





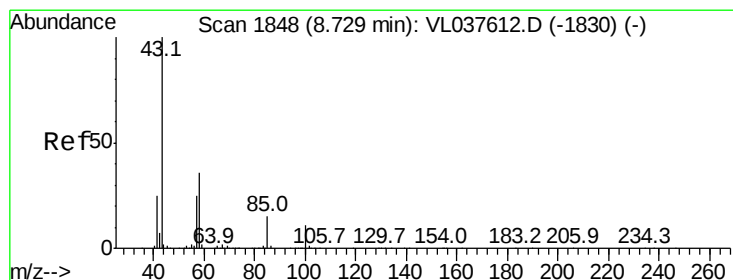
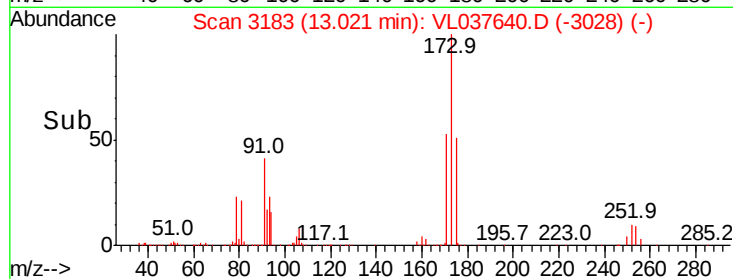
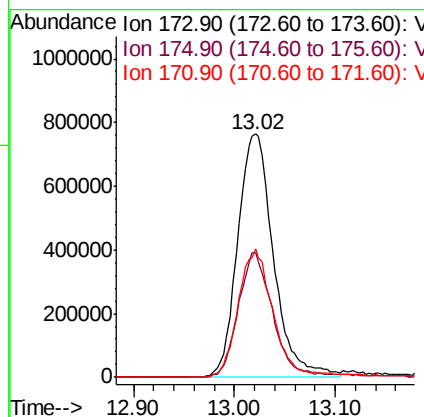
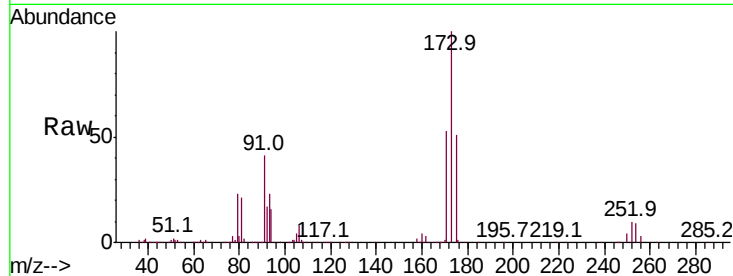
#49
Bromoform
Concen: 11.202 ppbv
RT: 13.02 min Scan# 3183
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	39.8	59.8
171	52.5	42.2	63.4

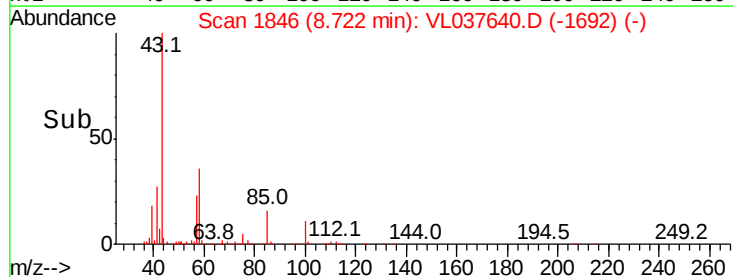
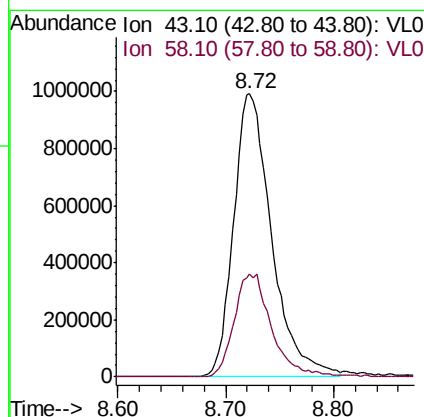
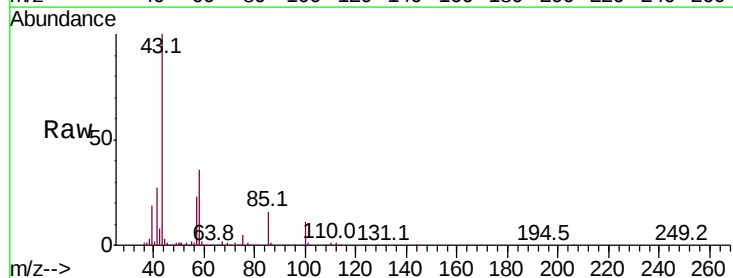
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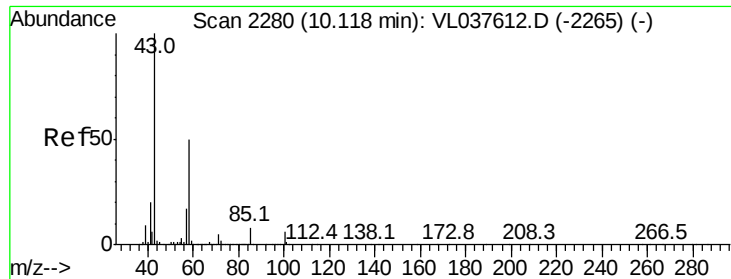
MMDadoda
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#50
4-Methyl-2-Pentanone
Concen: 11.060 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. -0.01 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.4	44.2





#51

2-Hexanone

Concen: 11.188 ppbv

RT: 10.12 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 43 Resp: 1085749

Ion Ratio Lower Upper

43 100

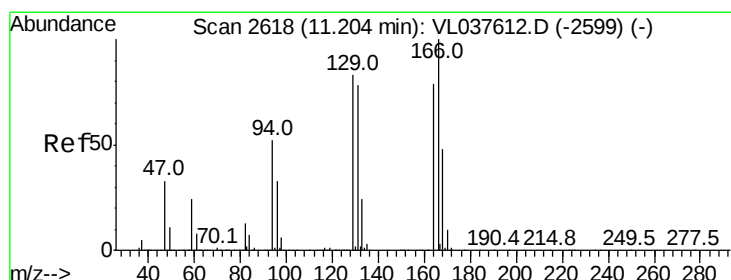
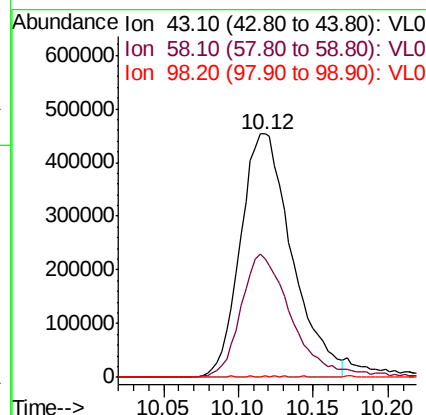
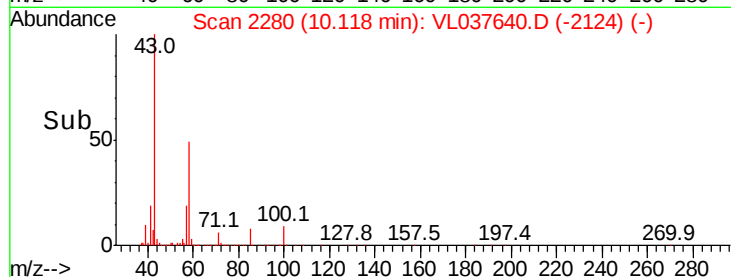
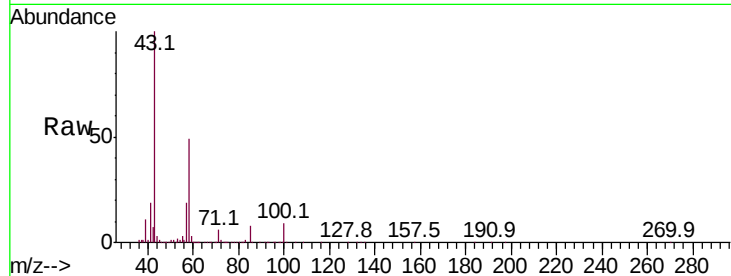
58 50.2 39.3 58.9

98 0.9 0.4 0.6#

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#52

Tetrachloroethene

Concen: 10.144 ppbv

RT: 11.20 min Scan# 2618

Delta R.T. 0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Tgt Ion: 164 Resp: 1384749

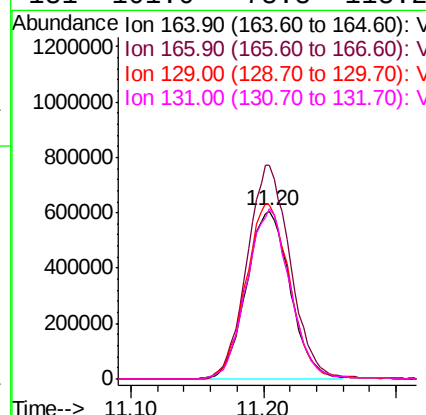
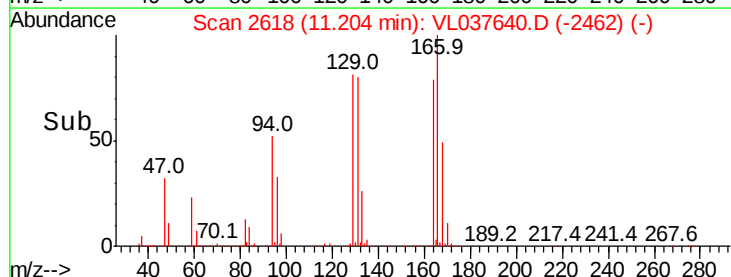
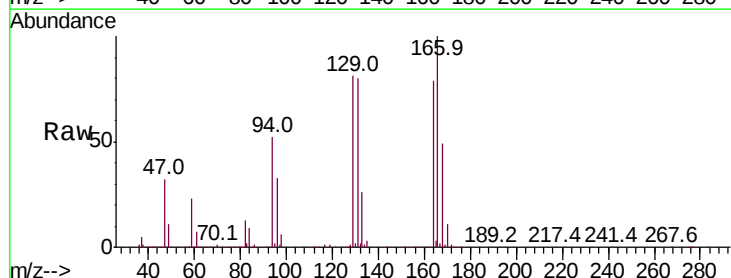
Ion Ratio Lower Upper

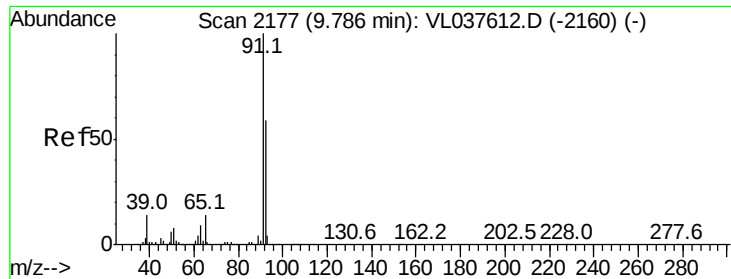
164 100

166 126.8 101.2 151.8

129 103.2 84.0 126.0

131 101.0 78.8 118.2





#53

Toluene

Concen: 10.951 ppbv

RT: 9.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 91 Resp: 4328223

Ion Ratio Lower Upper

91 100

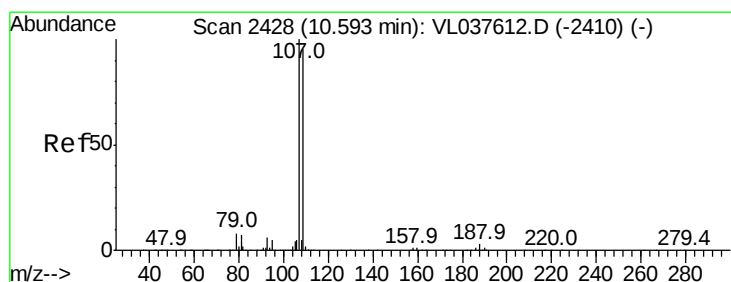
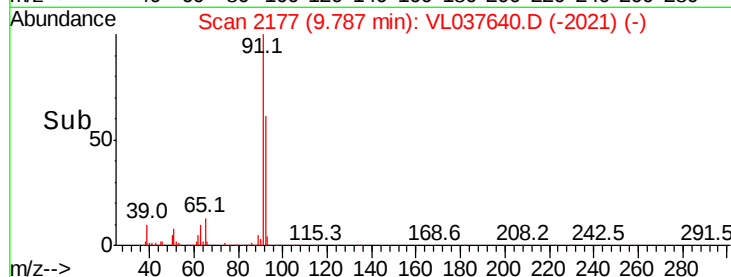
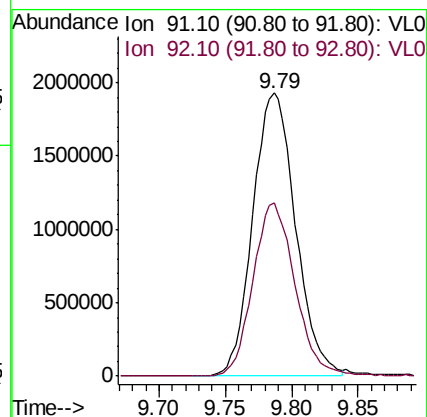
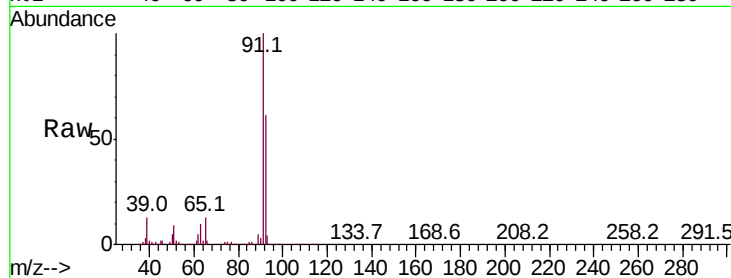
92 60.5 48.9 73.3

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#54

1,2-Dibromoethane

Concen: 10.421 ppbv

RT: 10.59 min Scan# 2427

Delta R.T. -0.00 min

Lab File: VL037640.D

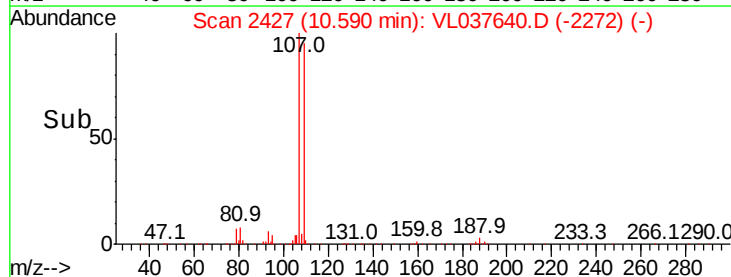
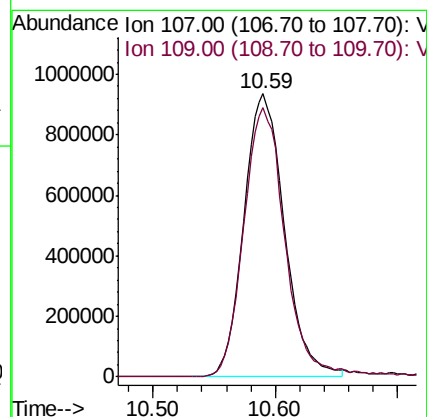
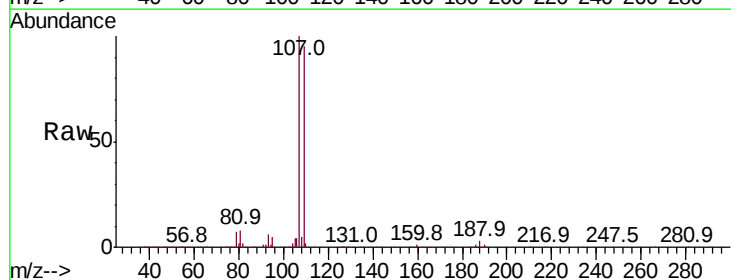
Acq: 17 Sep 2021 13:45

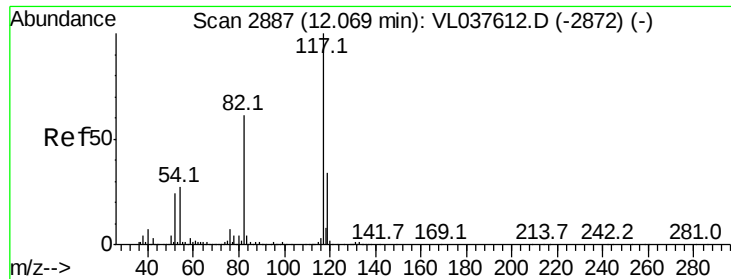
Tgt Ion: 107 Resp: 2149667

Ion Ratio Lower Upper

107 100

109 95.1 76.0 114.0





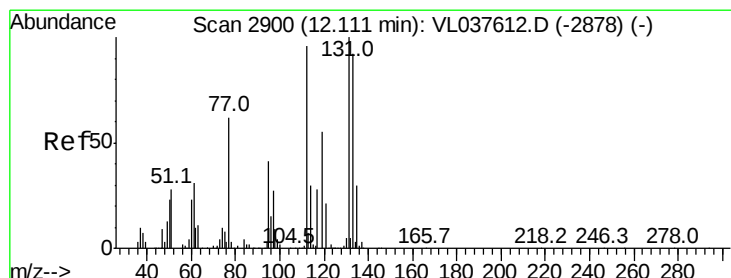
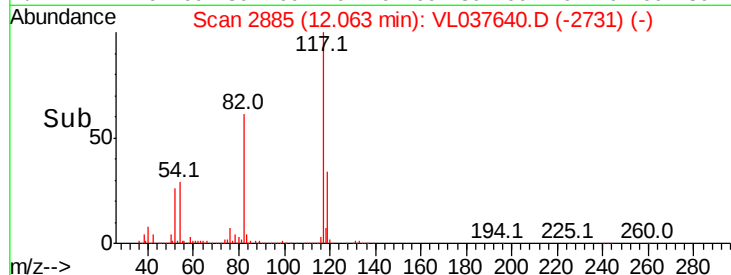
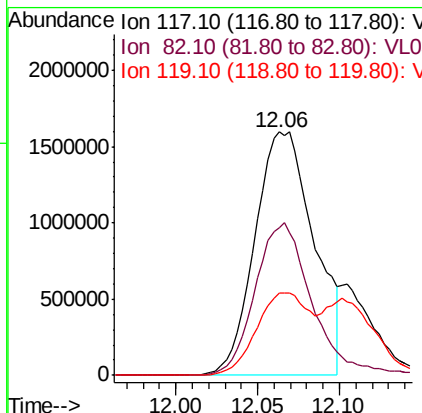
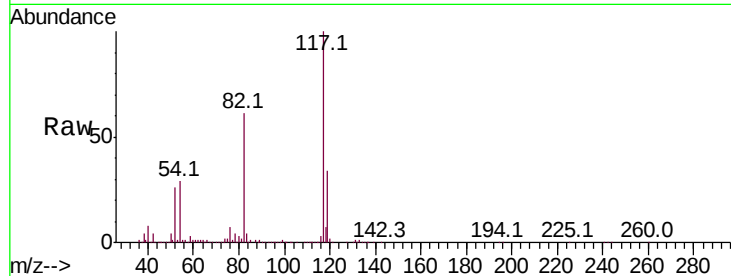
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion:117 Resp: 4021568
Ion Ratio Lower Upper
117 100
82 0.0 50.6 75.8#
119 0.0 26.2 39.2#

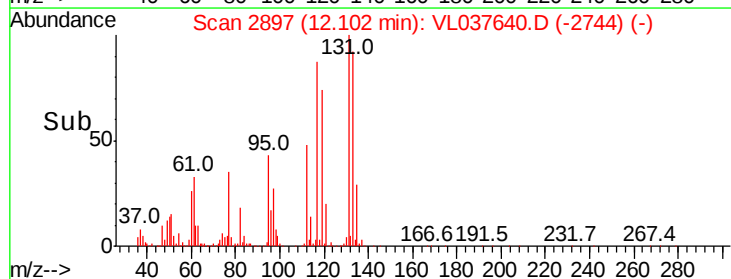
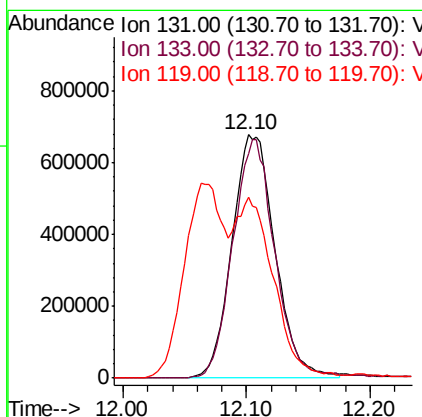
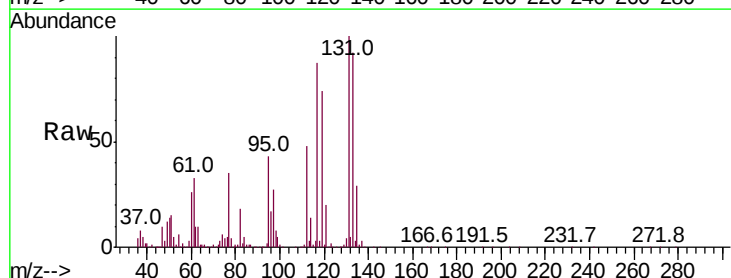
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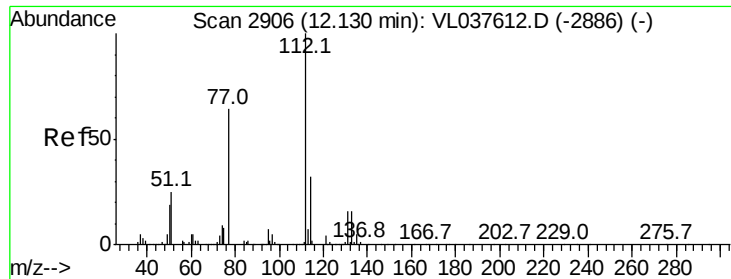
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.846 ppbv m
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion:131 Resp: 1642434
Ion Ratio Lower Upper
131 100
133 96.7 76.8 115.2
119 0.0 47.8 71.8#





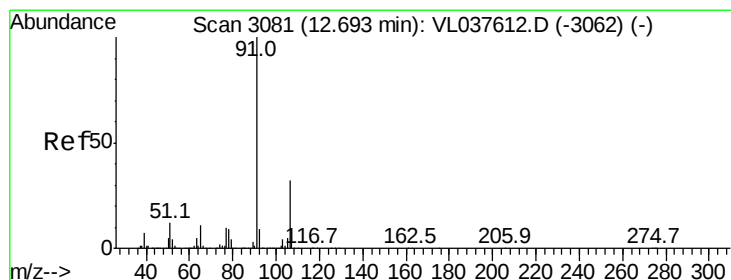
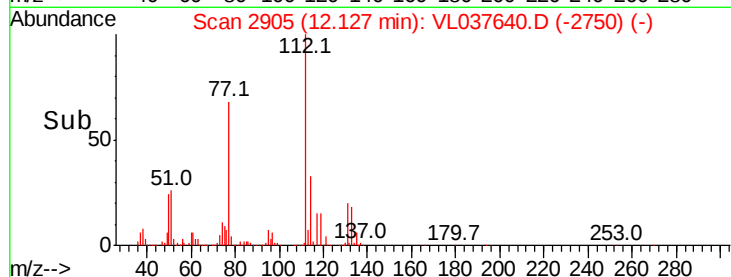
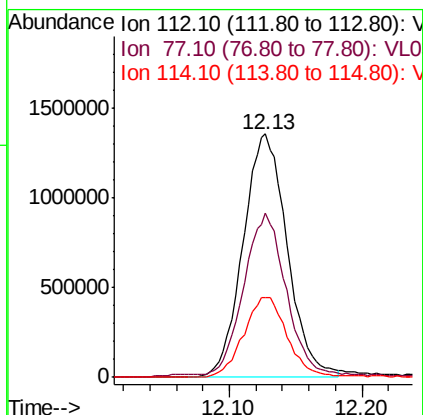
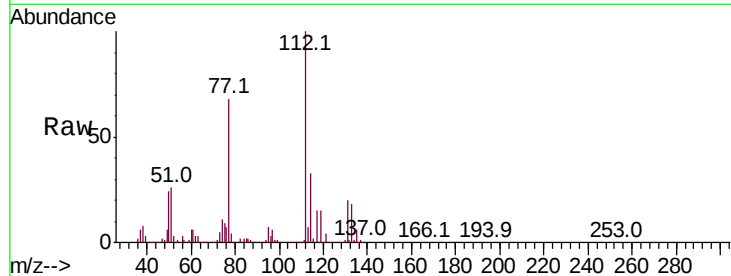
#57
Chlorobenzene
Concen: 9.387 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion: 112 Resp: 3138277
Ion Ratio Lower Upper
112 100
77 66.3 52.1 78.1
114 32.3 29.2 35.6

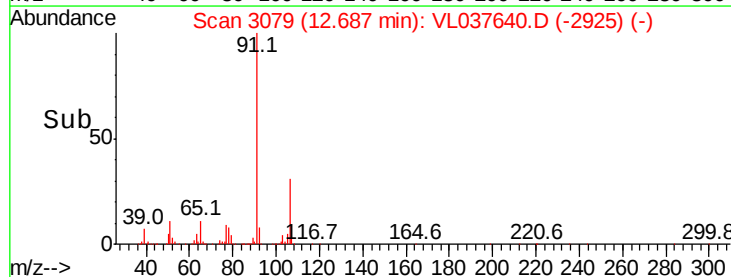
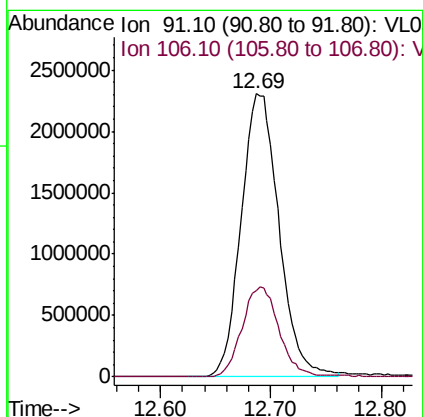
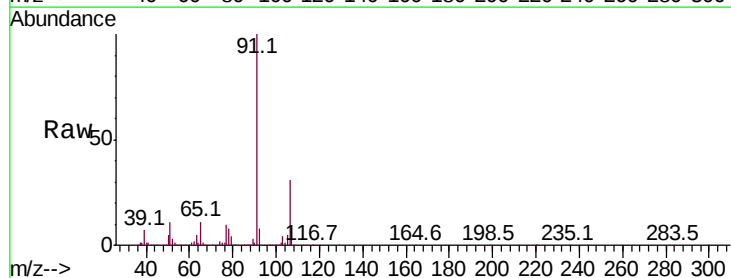
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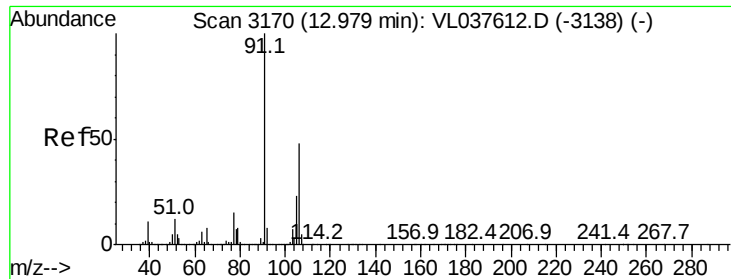
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#58
Ethyl Benzene
Concen: 10.288 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.01 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion: 91 Resp: 5492063
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9





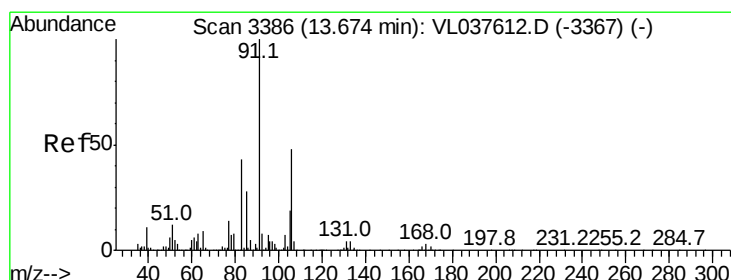
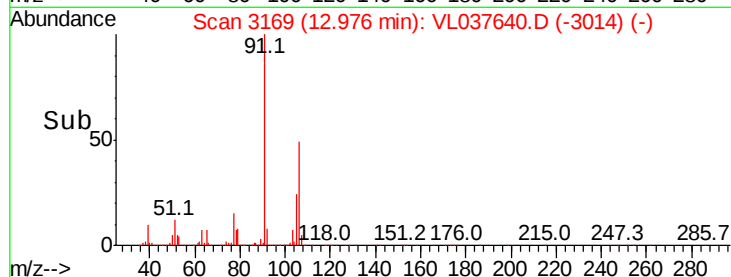
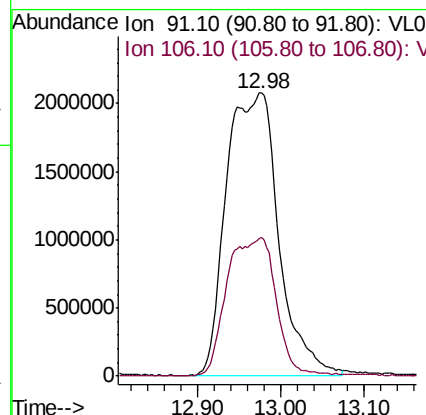
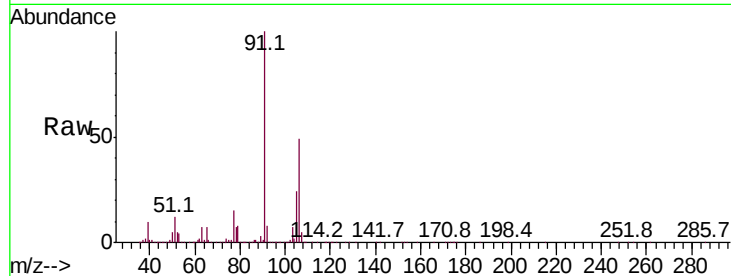
#59
m/p-Xylene
Concen: 19.575 ppbv m
RT: 12.98 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion: 91 Resp: 9106620
Ion Ratio Lower Upper
91 100
106 46.1 36.6 55.0

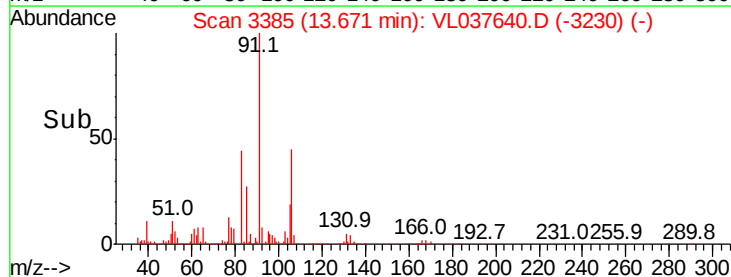
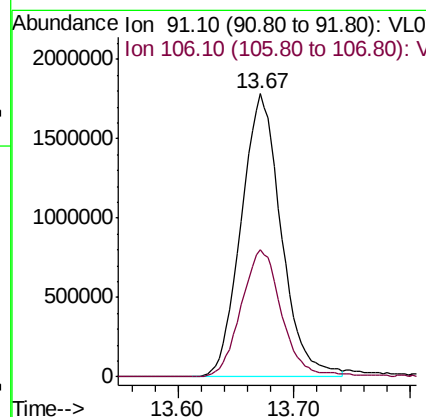
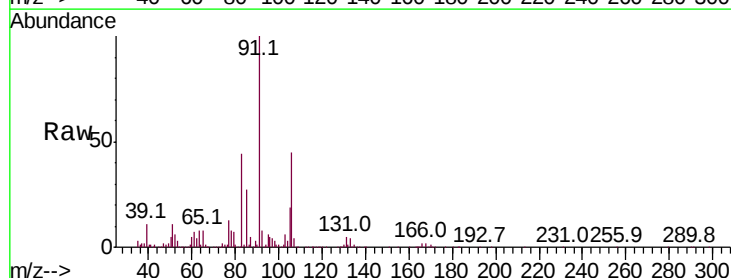
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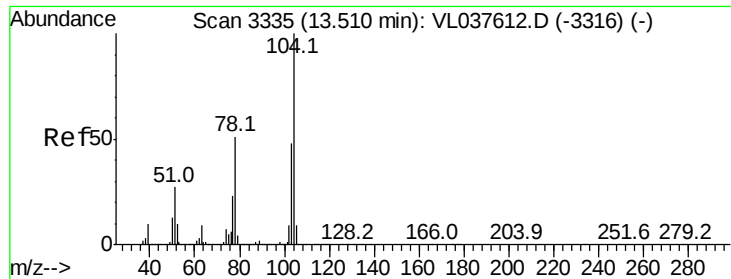
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#60
o-Xylene
Concen: 9.679 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion: 91 Resp: 4285702
Ion Ratio Lower Upper
91 100
106 46.4 23.0 69.0





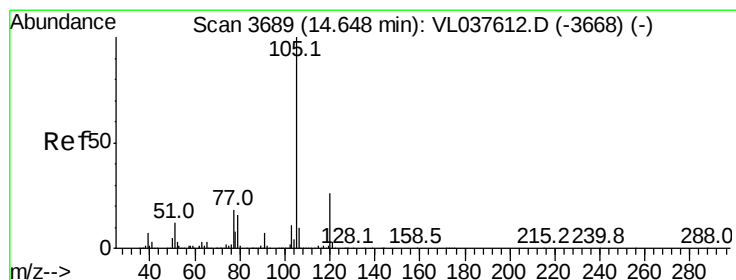
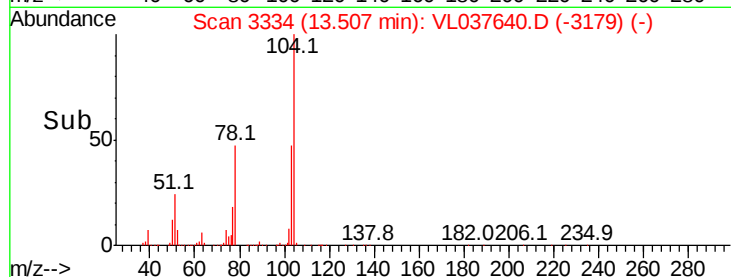
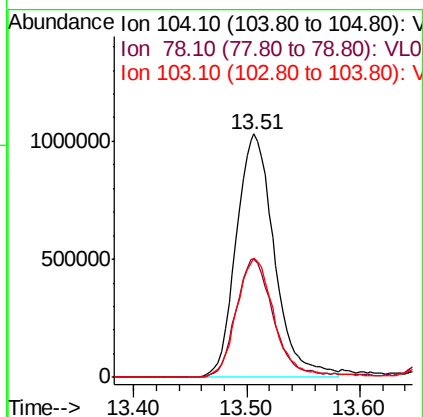
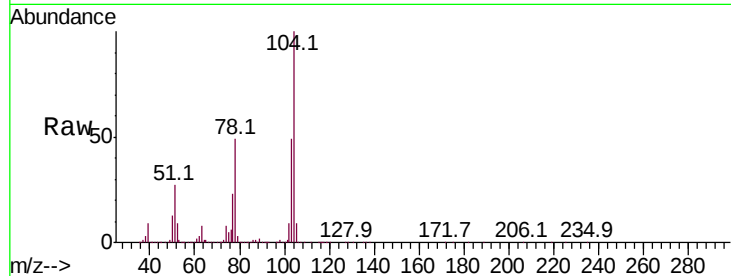
#61
Stvrene
Concen: 11.071 ppbv
RT: 13.51 min Scan# 3334
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.7	59.5
103	49.2	38.8	58.2

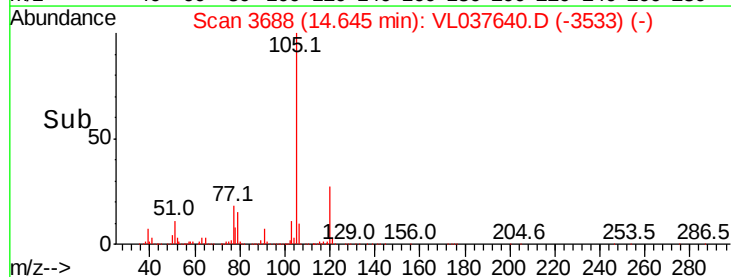
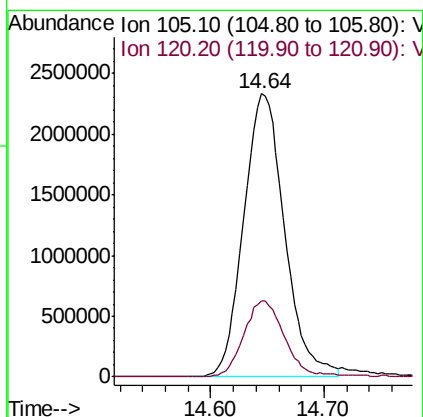
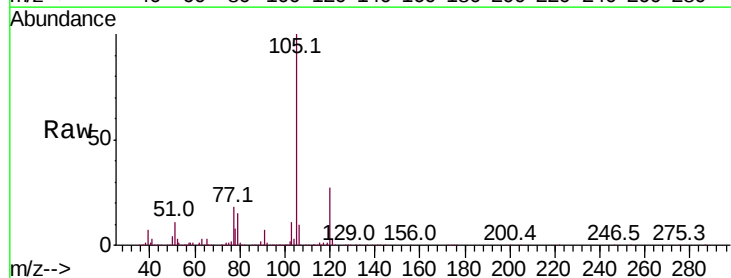
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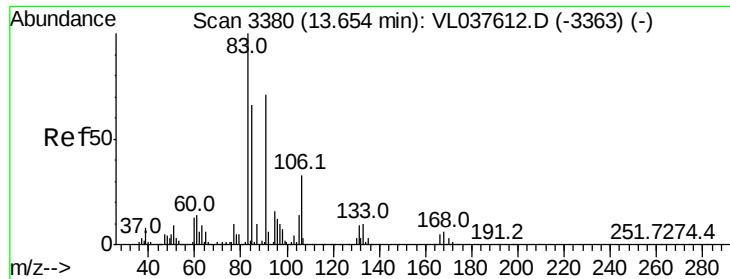
MMDadoda
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#62
Isopropylbenzene
Concen: 9.496 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.4	32.0





#63

1,1,2,2-Tetrachloroethane

Concen: 8.495 ppbv

RT: 13.65 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion: 83 Resp: 2943800

Ion Ratio Lower Upper

83 100

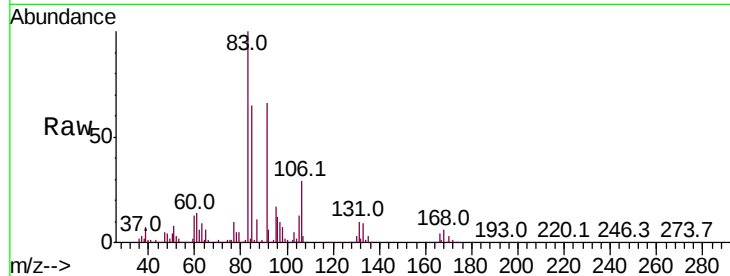
131 10.0 5.1 15.3

85 66.9 33.3 99.9

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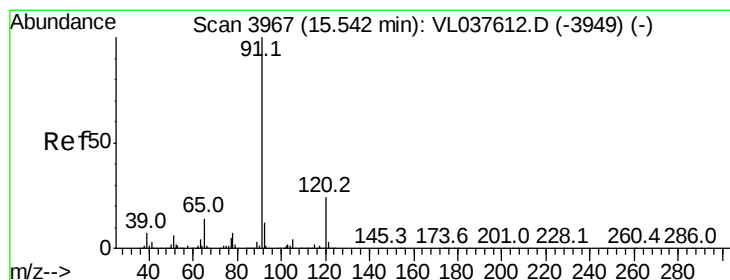
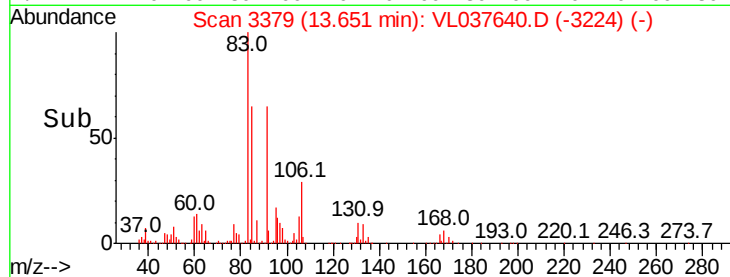
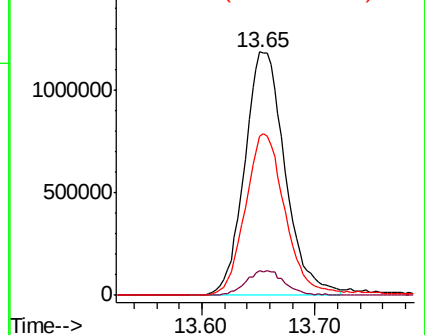
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Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 9.547 ppbv

RT: 15.54 min Scan# 3966

Delta R.T. -0.00 min

Lab File: VL037640.D

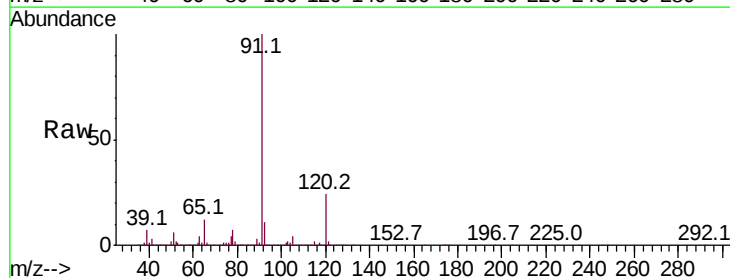
Acq: 17 Sep 2021 13:45

Tgt Ion:120 Resp: 1523963

Ion Ratio Lower Upper

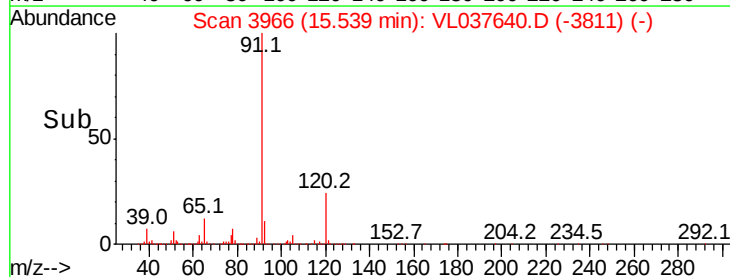
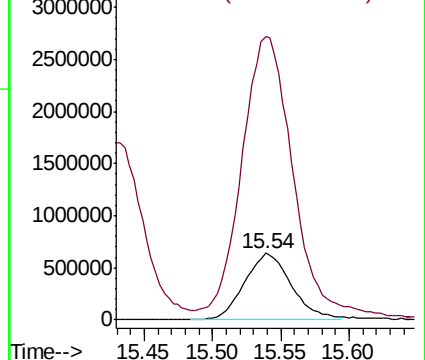
120 100

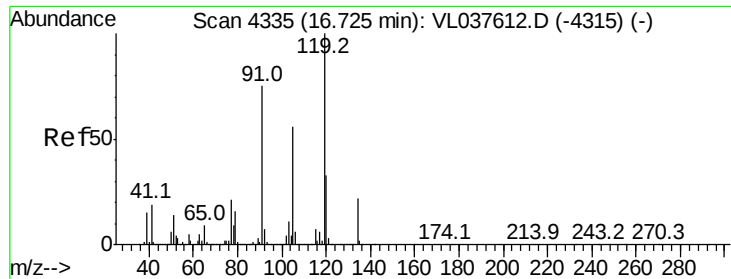
91 476.0 345.0 517.4



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





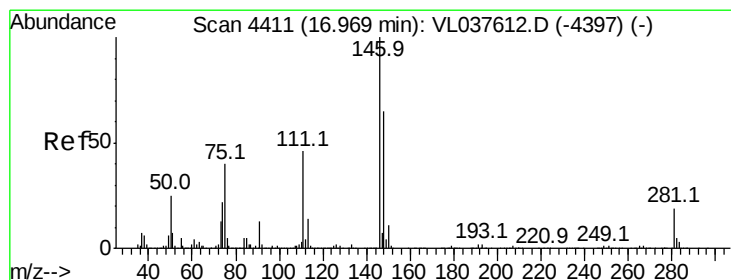
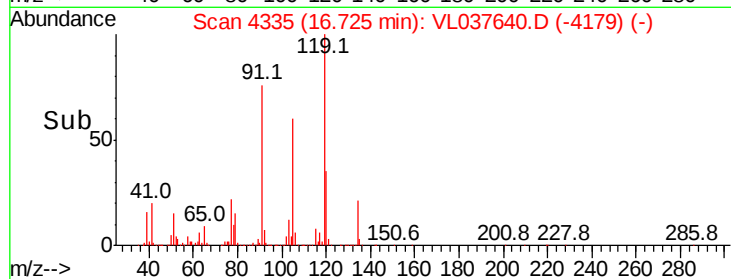
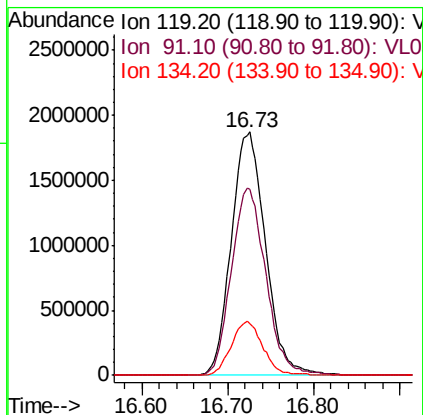
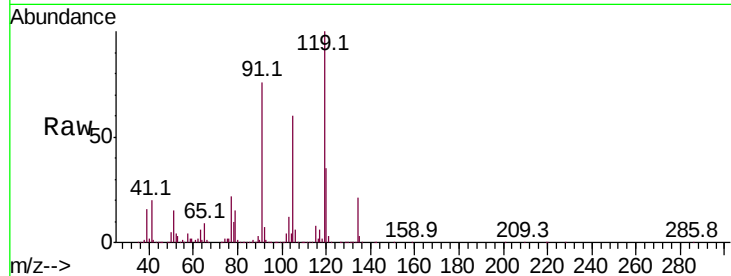
#65
tert-Butylbenzene
Concen: 9.270 ppbv
RT: 16.73 min Scan# 4335
Delta R.T. 0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	77.5	61.9	92.9
134	20.6	16.5	24.7

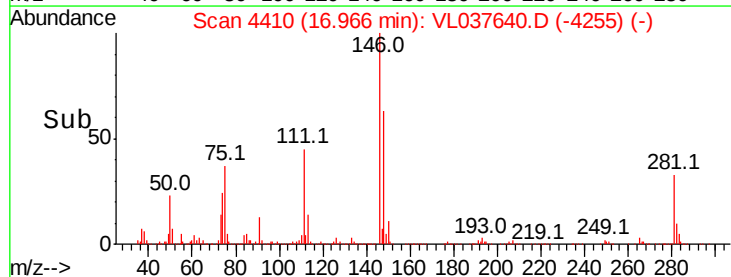
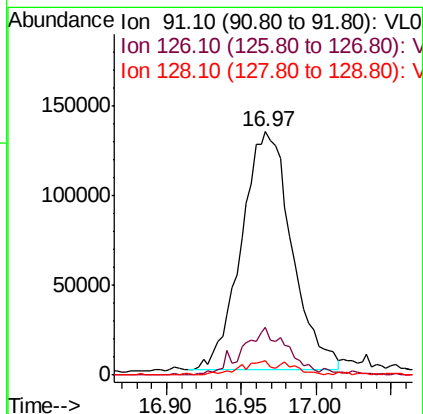
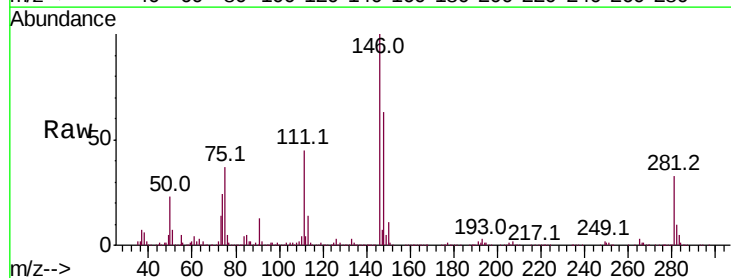
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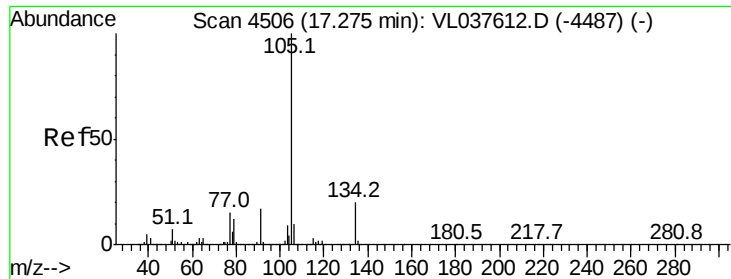
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#66
Benzyl Chloride
Concen: 10.222 ppbv
RT: 16.97 min Scan# 4410
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	19.4	14.4	21.6
128	6.5	5.7	8.5





#67

sec-Butylbenzene

Concen: 9.443 ppbv

RT: 17.27 min Scan# 4506

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion:105 Resp: 7145061

Ion Ratio Lower Upper

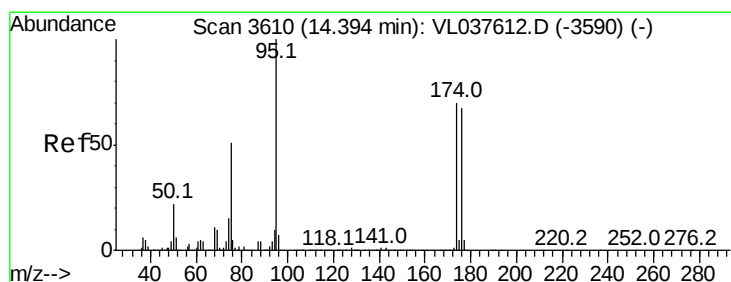
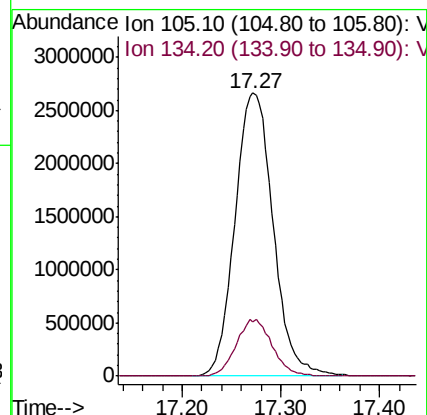
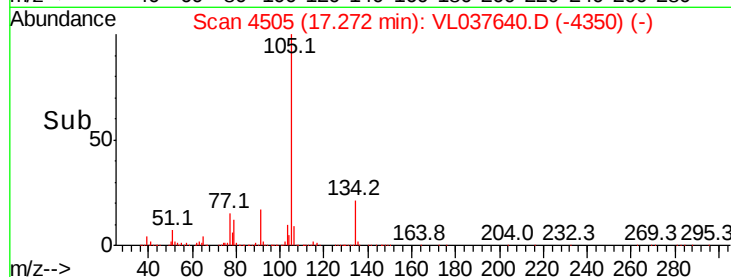
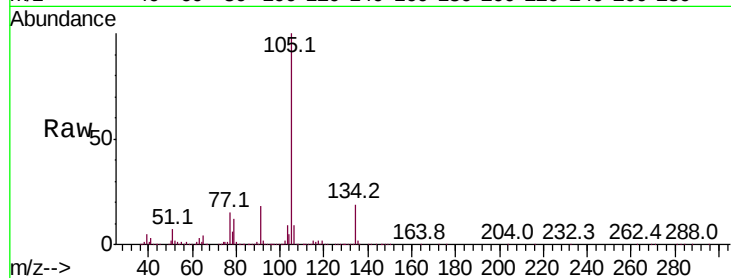
105 100

134 18.9 15.7 23.5

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.007 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. 0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

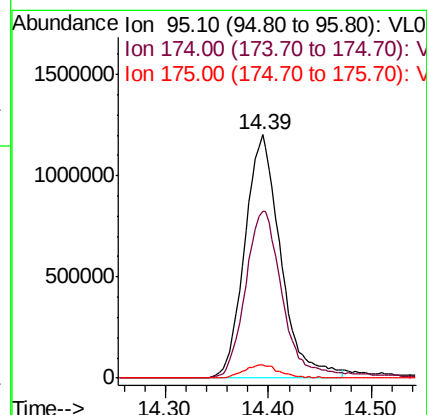
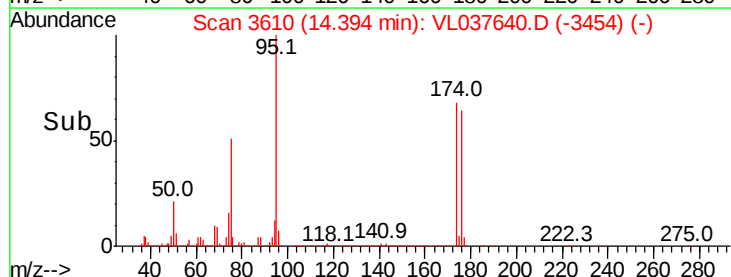
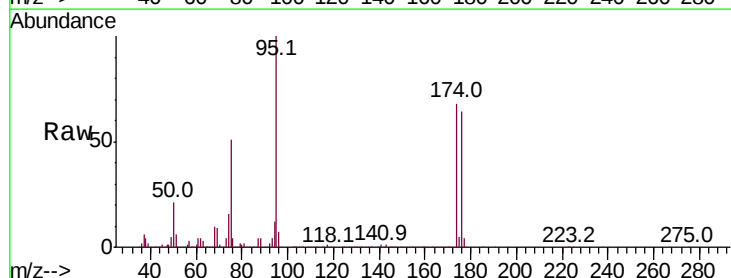
Tgt Ion: 95 Resp: 2908307

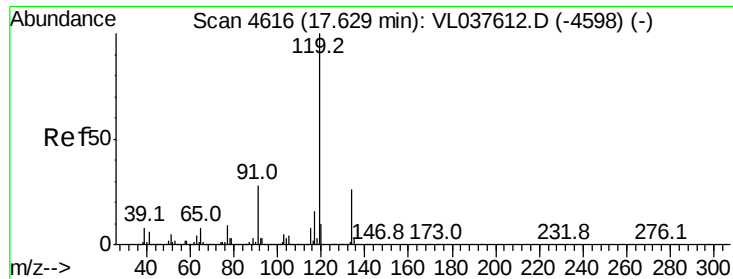
Ion Ratio Lower Upper

95 100

174 72.9 56.3 84.5

175 5.5 4.4 6.6





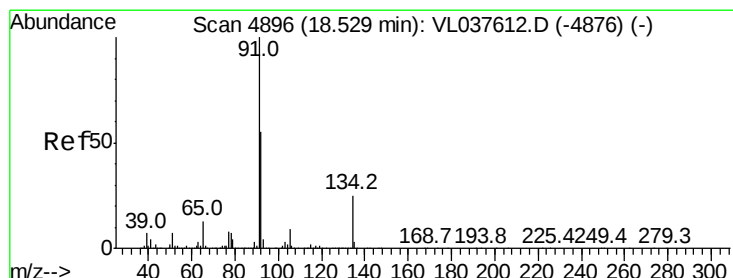
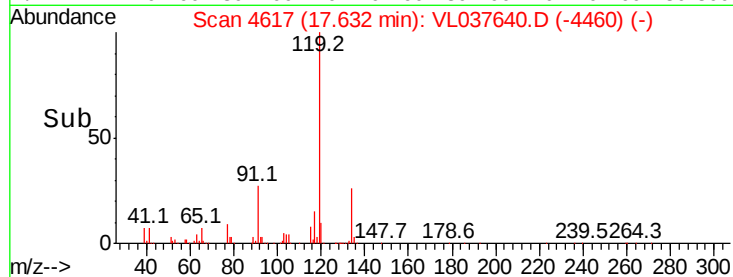
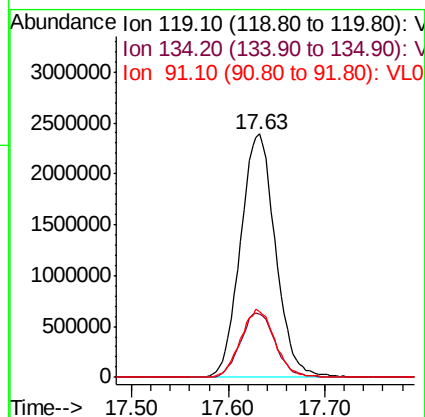
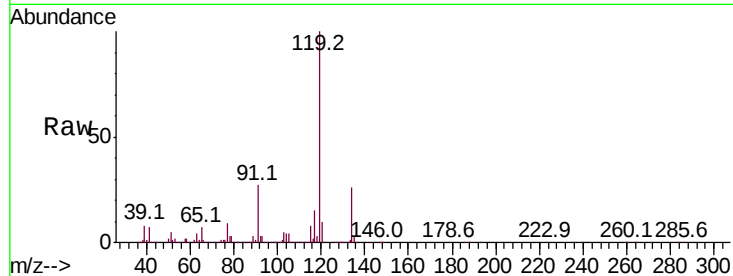
#69
 p-Isopropyltoluene
 Concen: 9.712 ppbv
 RT: 17.63 min Scan# 4617
 Delta R.T. 0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion: 119 Resp: 6003725
 Ion Ratio Lower Upper
 119 100
 134 26.5 21.2 31.8
 91 27.5 22.2 33.2

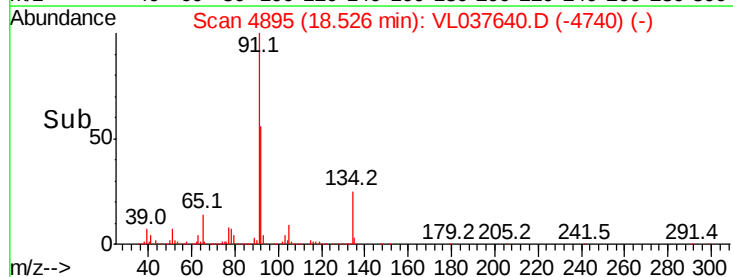
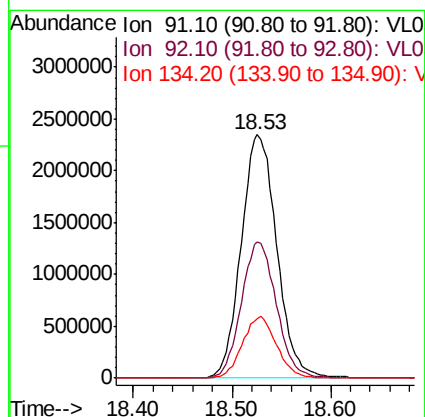
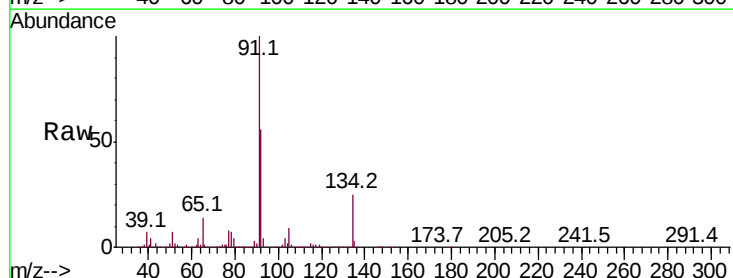
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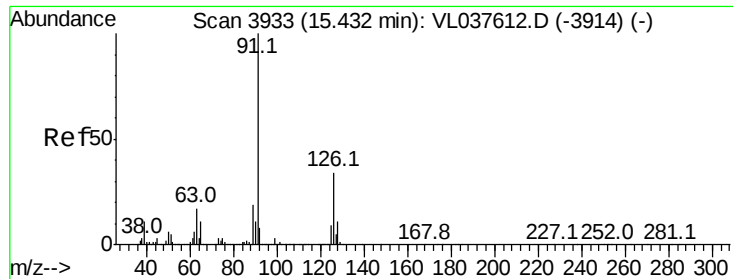
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#70
 n-Butylbenzene
 Concen: 9.996 ppbv
 RT: 18.53 min Scan# 4895
 Delta R.T. -0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Tgt Ion: 91 Resp: 5846934
 Ion Ratio Lower Upper
 91 100
 92 55.2 44.0 66.0
 134 24.5 19.5 29.3





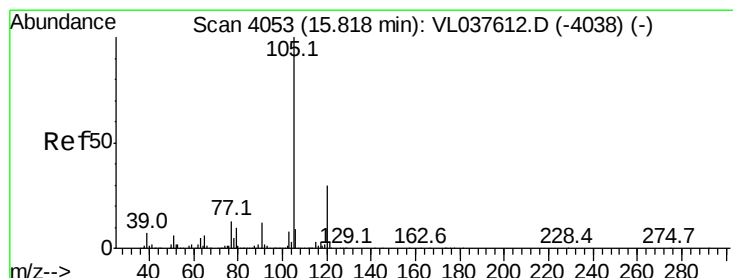
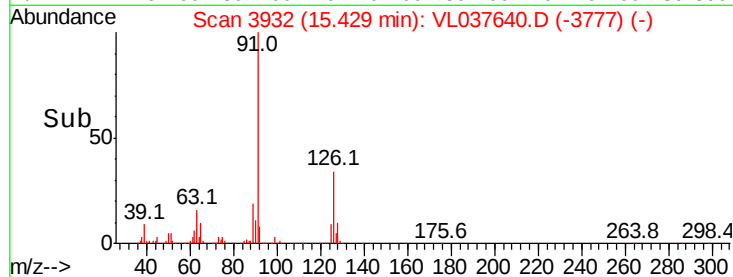
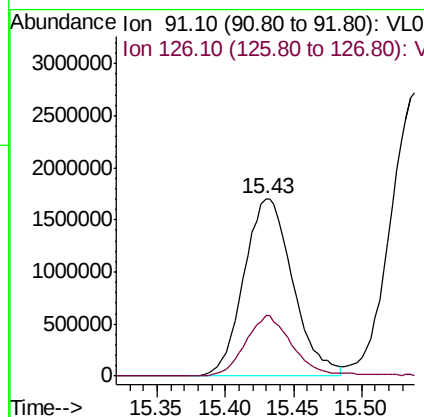
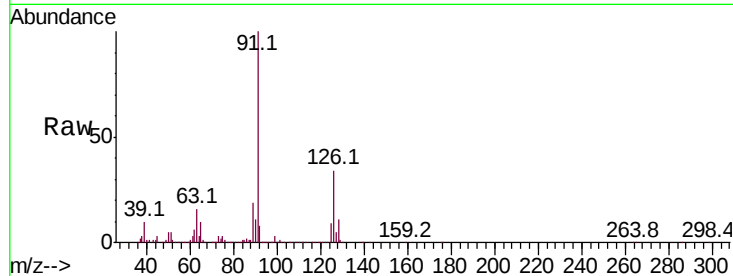
#71
 2-Chlorotoluene
 Concen: 9.561 ppbv
 RT: 15.43 min Scan# 3932
 Delta R.T. -0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion: 91 Resp: 4238408
 Ion Ratio Lower Upper
 91 100
 126 33.9 13.2 52.8

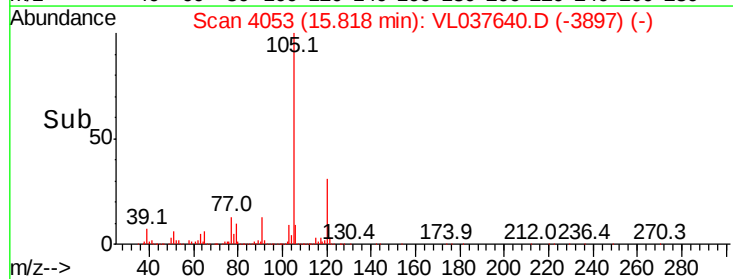
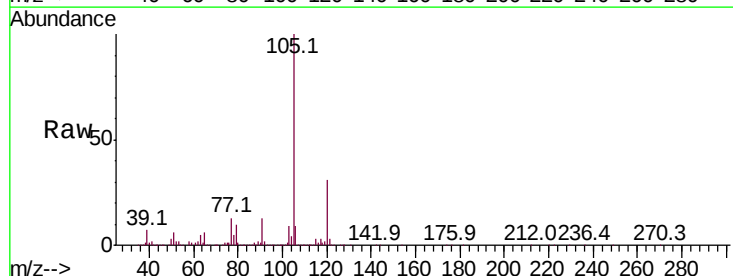
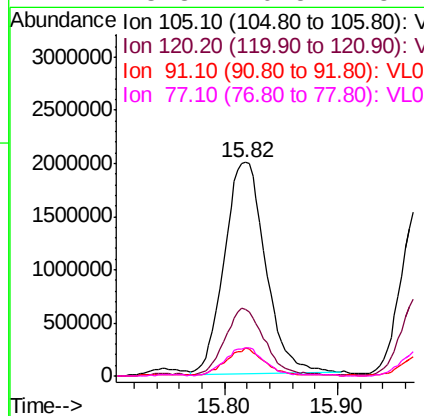
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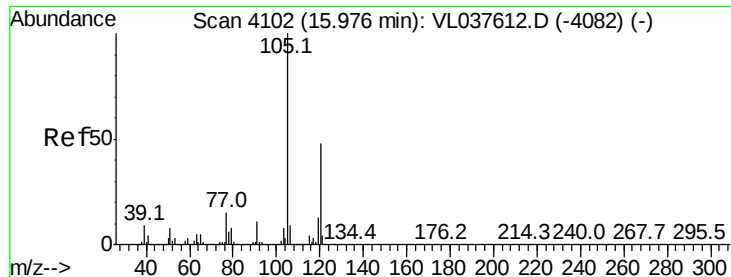
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#72
 4-Ethyltoluene
 Concen: 9.948 ppbv
 RT: 15.82 min Scan# 4053
 Delta R.T. 0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Tgt Ion: 105 Resp: 5056577
 Ion Ratio Lower Upper
 105 100
 120 31.4 24.7 37.1
 91 11.9 9.9 14.9
 77 13.3 10.5 15.7





#73

1,3,5-Trimethylbenzene

Concen: 9.434 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. 0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion:105 Resp: 4469848

Ion Ratio Lower Upper

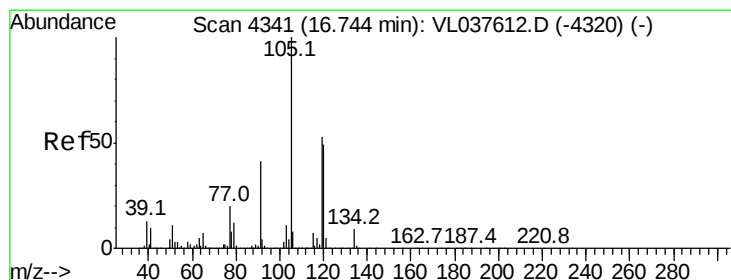
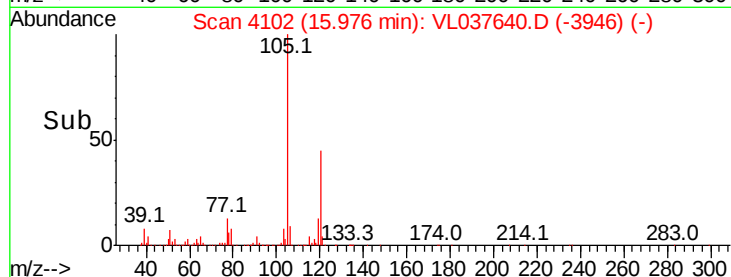
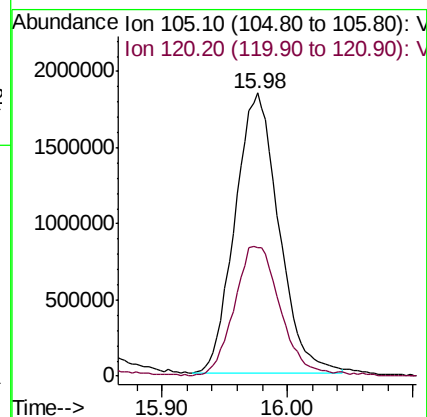
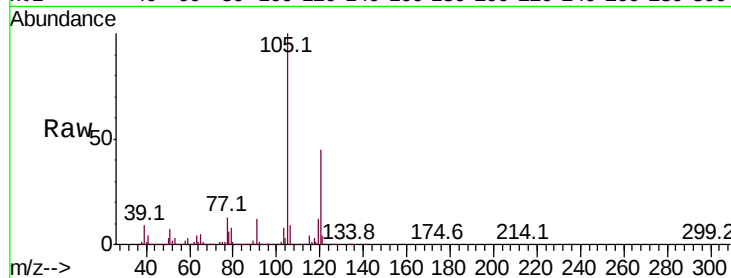
105 100

120 45.6 38.3 57.5

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#74

1,2,4-Trimethylbenzene

Concen: 9.428 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Tgt Ion:105 Resp: 4704660

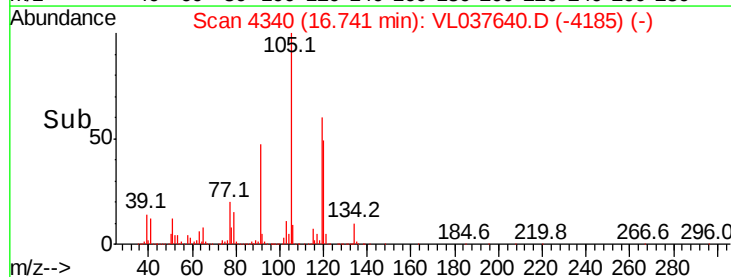
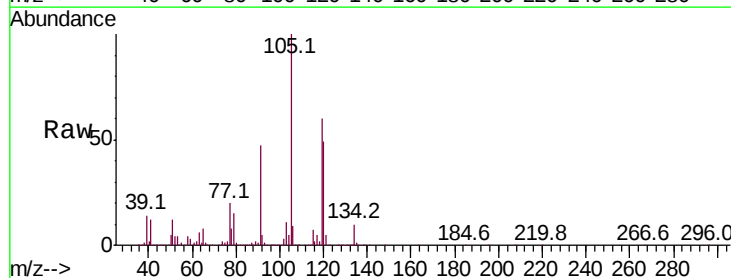
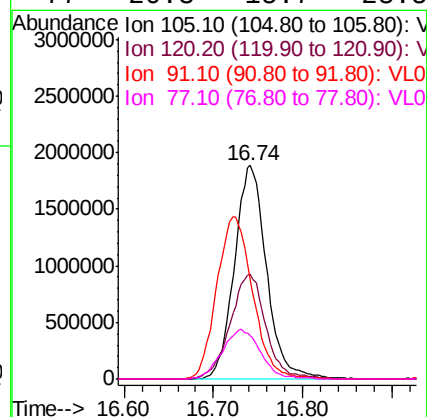
Ion Ratio Lower Upper

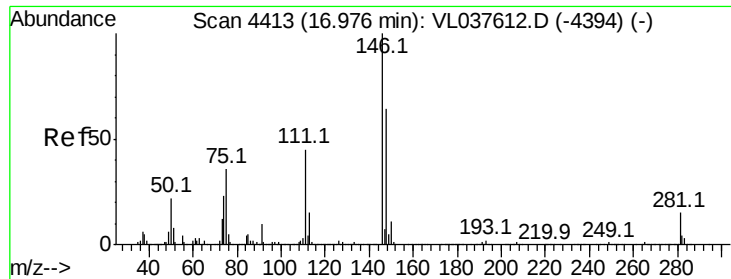
105 100

120 49.1 39.4 59.0

91 46.8 33.3 49.9

77 20.3 15.7 23.5





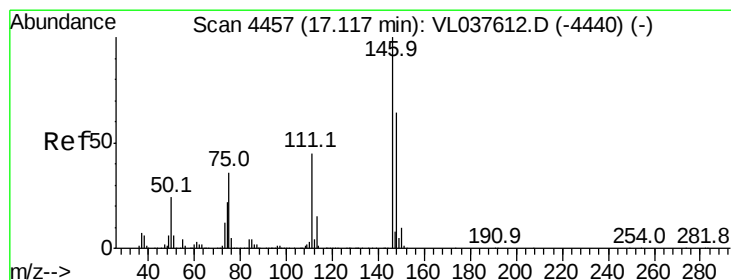
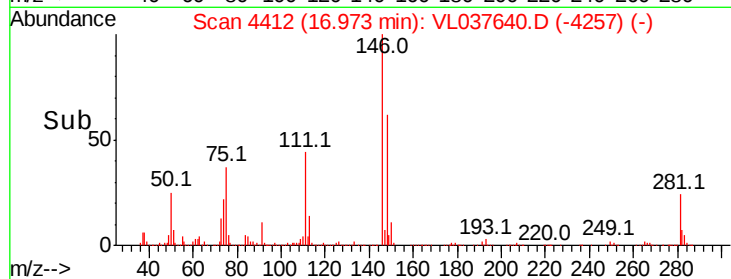
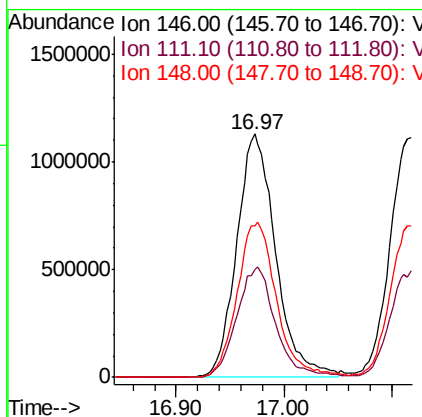
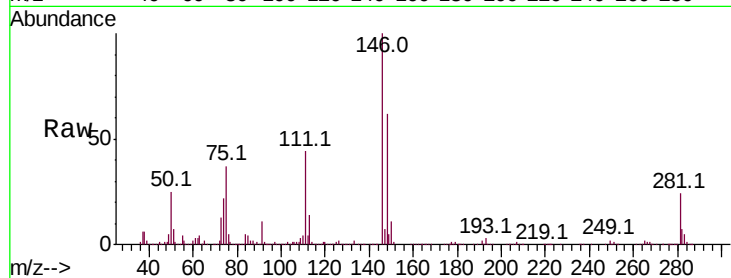
#75
 1,3-Dichlorobenzene
 Concen: 9.171 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T. -0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.8	68.3
148	64.6	32.1	96.5

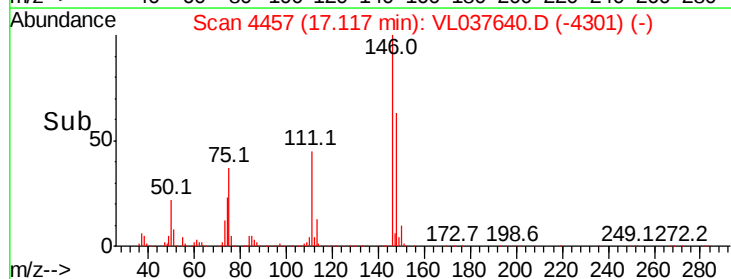
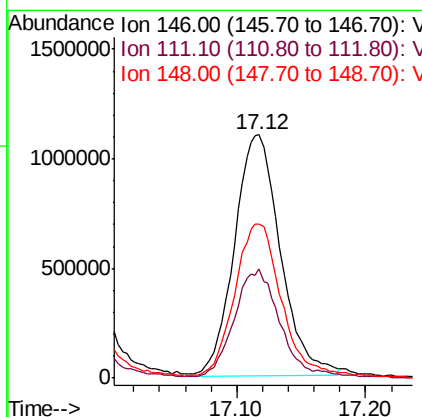
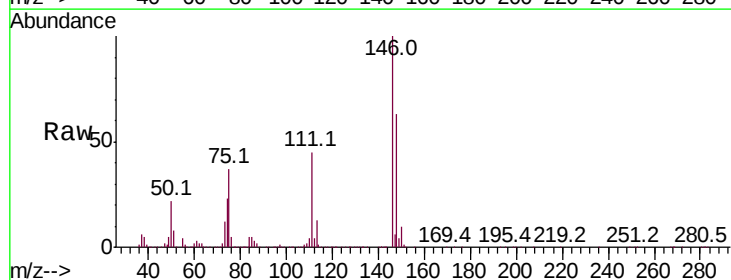
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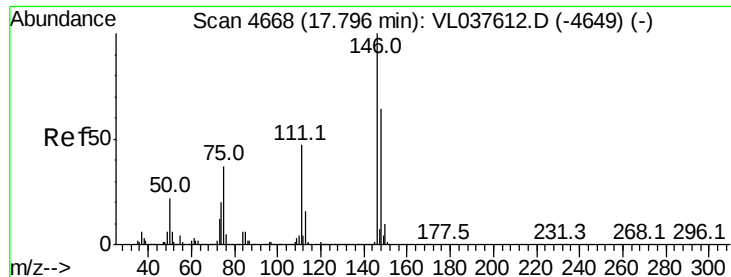
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#76
 1,4-Dichlorobenzene
 Concen: 8.897 ppbv
 RT: 17.12 min Scan# 4457
 Delta R.T. 0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.5	67.5
148	66.5	32.9	98.6





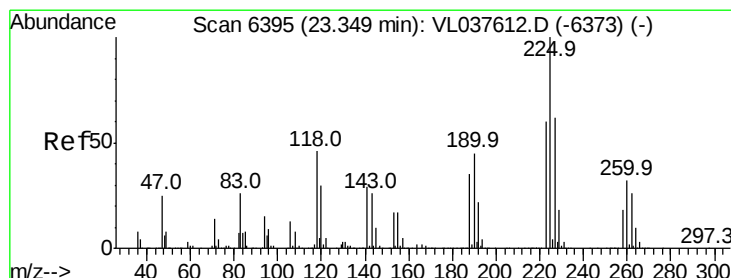
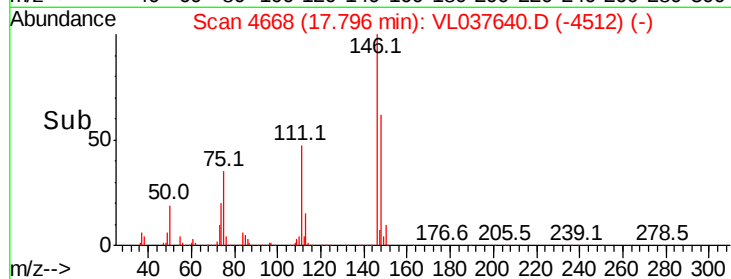
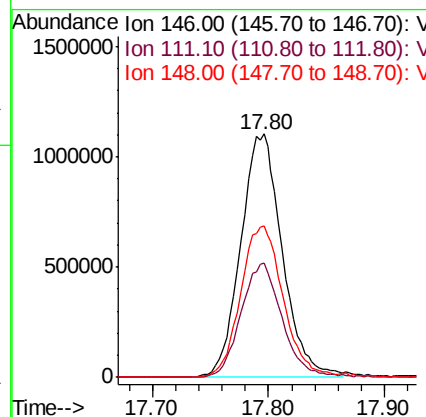
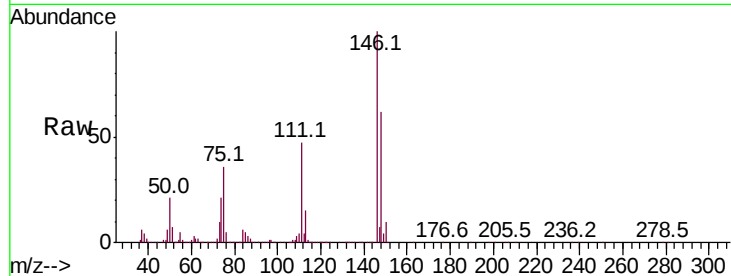
#77
 1,2-Dichlorobenzene
 Concen: 9.273 ppbv
 RT: 17.80 min Scan# 4668
 Delta R.T. 0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0917ABS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.1	24.0	72.0
148	65.3	32.8	98.3

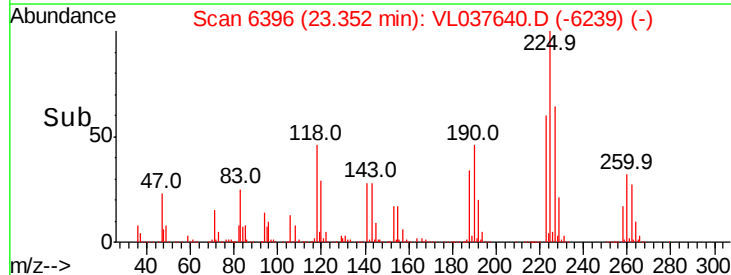
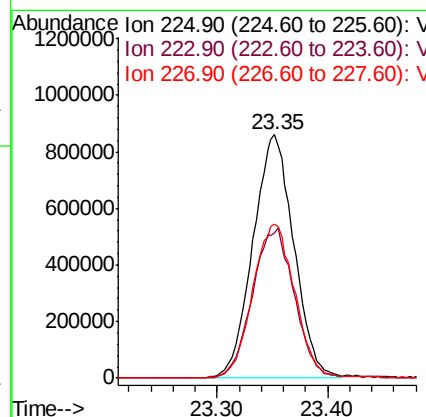
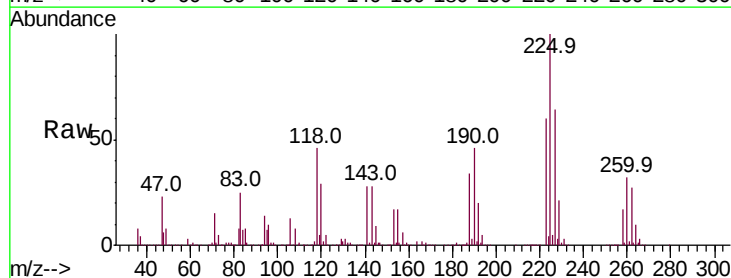
Manual Integrations
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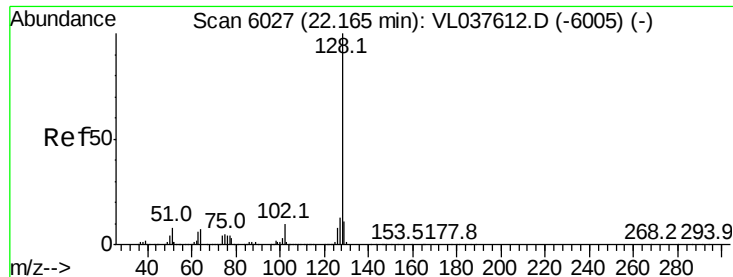
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#78
 Hexachloro-1,3-Butadiene
 Concen: 8.910 ppbv
 RT: 23.35 min Scan# 6396
 Delta R.T. 0.00 min
 Lab File: VL037640.D
 Acq: 17 Sep 2021 13:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.1	76.7
227	65.8	52.2	78.4





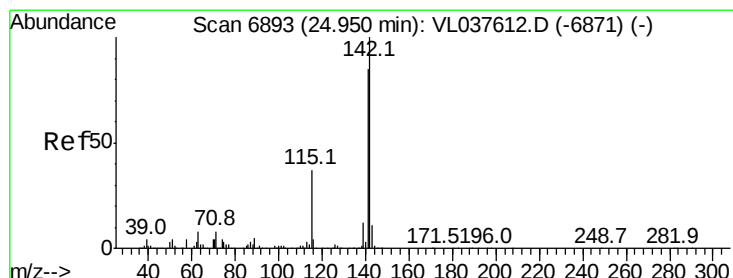
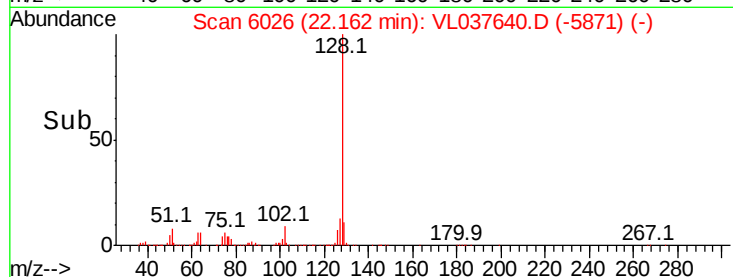
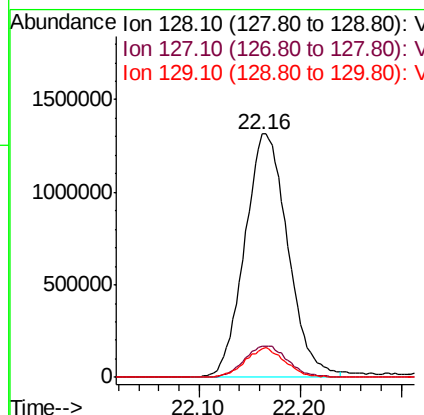
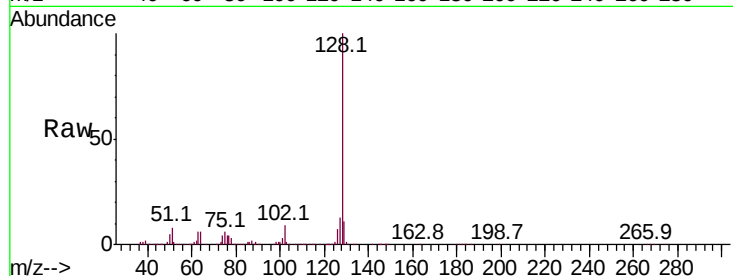
#79
Naphthalene
Concen: 12.755 ppbv
RT: 22.16 min Scan# 6026
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABS01

Tot Ion:	128	Resp:	3908211
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	11.5	8.6	12.8

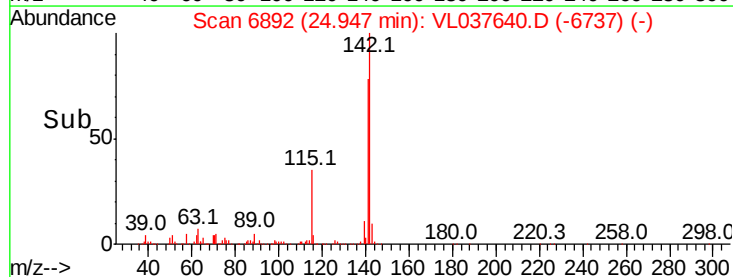
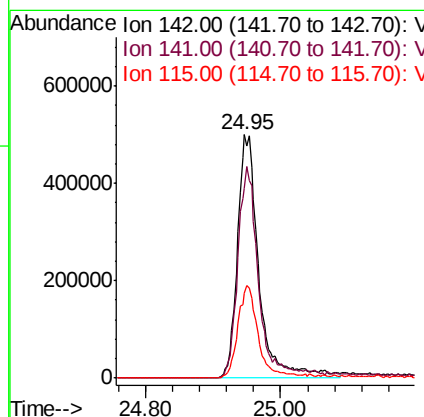
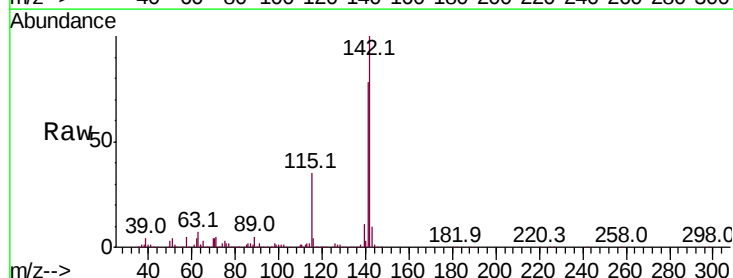
Manual Integrations
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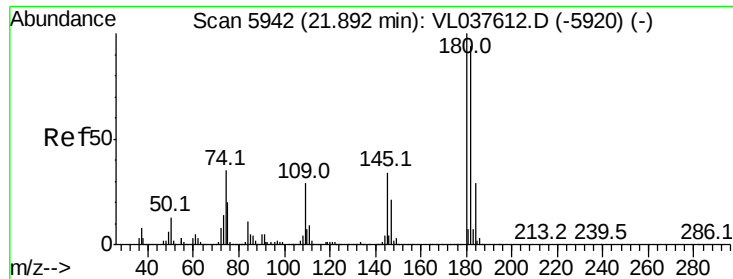
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#80
Naphthalene, 2-methyl-
Concen: 15.786 ppbv
RT: 24.95 min Scan# 6892
Delta R.T. -0.00 min
Lab File: VL037640.D
Acq: 17 Sep 2021 13:45

Tgt Ion:	142	Resp:	1105593
Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.9	106.3
115	37.0	29.6	44.4





#81

1,2,4-Trichlorobenzene

Concen: 11.424 ppbv

RT: 21.90 min Scan# 5943

Delta R.T. 0.00 min

Lab File: VL037640.D

Acq: 17 Sep 2021 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0917ABS01

Tot Ion:180 Resp: 2247314

Ion Ratio Lower Upper

180 100

182 96.5 78.9 118.3

184 31.4 24.7 37.1

Manual Integrations

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