

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037346.D
 Acq On : 6 Aug 2021 15:07
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDICCC010

Manual Integrations
 APPROVED

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 8/10/2021 6:09:34 PM

Quant Time: Aug 06 17:46:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
 QLast Update : Fri Aug 06 16:56:52 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	944903	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3171049	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2787667m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2167593	11.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	2289716	10.696	ppbv 100
3) Chlorodifluoromethane	2.98	51	1782313	9.458	ppbv 100
4) Chloromethane	3.14	50	616297	9.569	ppbv 100
5) Vinyl Chloride	3.25	62	696416	8.955	ppbv 100
6) Bromomethane	3.47	94	398074	10.262	ppbv 100
7) Chloroethane	3.55	64	248598	9.540	ppbv 100
8) Dichlorotetrafluoroethane	3.18	85	1759691	9.575	ppbv 100
9) Propene	3.01	41	597210	9.443	ppbv 100
10) Heptane	8.11	43	1477148	10.050	ppbv 99
11) Trichlorofluoromethane	3.94	101	1794857	9.778	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1317246	9.652	ppbv 100
13) Ethanol	3.61	45	84358	7.232	ppbv 100
14) Bromoethene	3.74	108	577953	9.954	ppbv 99
15) Acetone	3.85	43	820497	8.333	ppbv 100
16) 1,3-Butadiene	3.32	39	631096	9.535	ppbv 100
17) tert-Butyl alcohol	4.29	59	1031991	9.846	ppbv 100
18) 1,1-Dichloroethene	4.28	96	597901	10.069	ppbv 100
19) Isopropyl Alcohol	3.97	45	528994	8.876	ppbv # 100
20) Methylene Chloride	4.34	84	509716	6.181	ppbv 100
21) Allyl Chloride	4.41	41	785451	9.647	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	596554	10.321	ppbv 100
23) Vinyl Acetate	5.07	43	1311214	9.595	ppbv 100
24) 1,1-Dichloroethane	5.01	63	1129566	9.605	ppbv 100
25) Ethyl Acetate	5.67	43	2306426	9.469	ppbv 99
26) Hexane	5.68	57	1156012	8.400	ppbv 100
27) Carbon Disulfide	4.54	76	1328485	11.119	ppbv 100
28) Methyl tert-Butyl Ether	5.02	73	1276272	9.311	ppbv 100
29) Chloroform	5.74	83	1809341	9.800	ppbv 100
30) Cyclohexane	7.12	84	1038713	9.678	ppbv 100
31) cis-1,2-Dichloroethene	5.54	61	1114563	10.260	ppbv 100
32) 1,1,1-Trichloroethane	6.50	97	1878794	9.598	ppbv 100
34) 2-Butanone	5.24	43	990681	9.305	ppbv 99
35) Carbon Tetrachloride	7.01	117	2015370	10.156	ppbv 100
36) Benzene	6.88	78	2465342	10.144	ppbv 100
37) 1,2-Dichloroethane	6.30	62	1281109	10.080	ppbv 100
38) Trichloroethene	7.83	130	1059173	8.895	ppbv 100
39) 1,2-Dichloropropane	7.60	63	918496	10.372	ppbv 100
40) 1,4-Dioxane	7.83	88	261478m	11.285	ppbv
41) Tetrahydrofuran	6.04	42	523810	10.001	ppbv 100
42) Bromodichloromethane	7.78	83	1945354	10.646	ppbv 100
43) Methyl Methacrylate	8.01	69	857156	10.838	ppbv 100

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Manual Integrations
 APPROVED

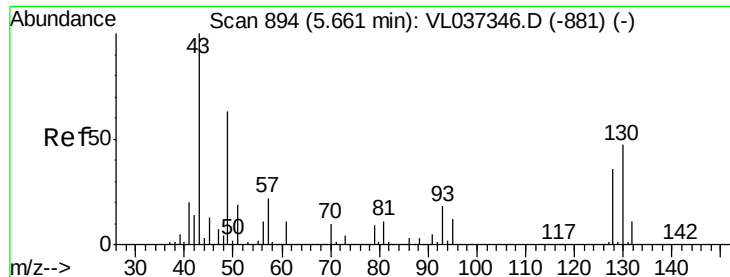
MMDadoda
 8/10/2021 6:09:34 PM

Quant Time: Aug 06 17:46:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,2,4-Trimethylpentane	7.86	57	3995994	9.833	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	650742	12.689	ppbv	100
46) cis-1,3-Dichloropropene	8.69	75	847929	11.618	ppbv	100
47) 1,1,2-Trichloroethane	9.47	97	1048745	10.252	ppbv	100
48) Dibromochloromethane	10.29	129	1833514	11.606	ppbv	100
49) Bromoform	13.03	173	1512212	13.082	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	1549965	10.615	ppbv	100
51) 2-Hexanone	10.13	43	781277	10.679	ppbv #	99
52) Tetrachloroethene	11.21	164	1056863	9.118	ppbv	100
53) Toluene	9.80	91	2972425	10.492	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1526128	10.799	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.11	131	1274591	11.404	ppbv #	64
57) Chlorobenzene	12.14	112	2286582	11.045	ppbv	100
58) Ethyl Benzene	12.70	91	3959614	11.488	ppbv	100
59) m/p-Xylene	12.98	91	6559483m	23.081	ppbv	
60) o-Xylene	13.68	91	3117253	11.207	ppbv	100
61) Styrene	13.52	104	1763653	12.380	ppbv	100
62) Isopropylbenzene	14.65	105	4470974	10.901	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	2118229	9.509	ppbv	100
64) n-propylbenzene	15.55	120	1201963	11.594	ppbv	100
65) tert-Butylbenzene	16.73	119	4033966	10.719	ppbv	100
66) Benzyl Chloride	16.97	91	152227	10.135	ppbv	100
67) sec-Butylbenzene	17.28	105	5458957	10.970	ppbv	100
69) p-Isopropyltoluene	17.64	119	4762099	11.087	ppbv	100
70) n-Butylbenzene	18.54	91	4409115	11.525	ppbv	100
71) 2-Chlorotoluene	15.44	91	3216147	11.735	ppbv	100
72) 4-Ethyltoluene	15.82	105	3846795	11.722	ppbv	100
73) 1,3,5-Trimethylbenzene	15.98	105	3464572	11.149	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	3615448	11.080	ppbv	100
75) 1,3-Dichlorobenzene	16.99	146	2280635	11.040	ppbv	100
76) 1,4-Dichlorobenzene	17.13	146	2258953	11.155	ppbv	100
77) 1,2-Dichlorobenzene	17.80	146	2193155	10.936	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	1600888	10.054	ppbv	100
79) Naphthalene	22.18	128	2903110	12.679	ppbv	100
80) Naphthalene, 2-methyl-	24.96	142	599051	14.521	ppbv	98
81) 1,2,4-Trichlorobenzene	21.91	180	1723896	11.568	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

Lab File: VL037346.D

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MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 49 Resp: 944903

Ion Ratio Lower Upper

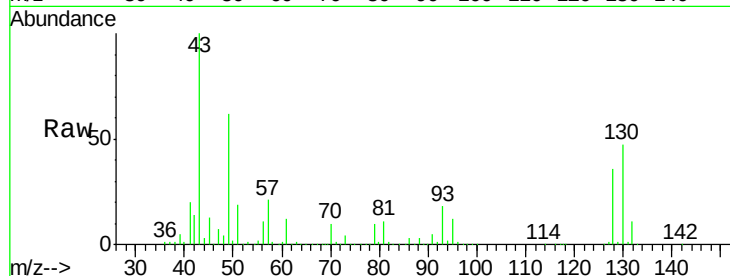
49 100

128 64.2 32.1 96.3

130 80.0 40.0 120.0

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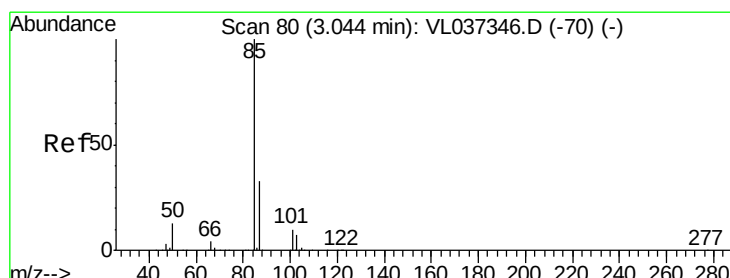
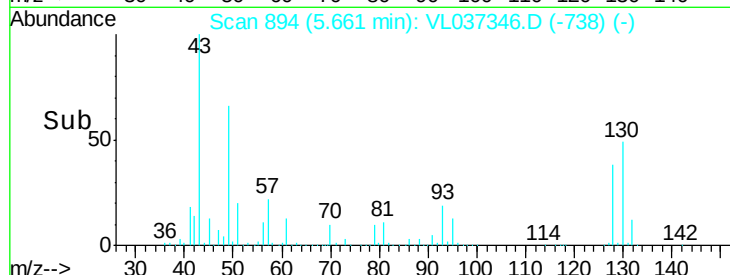
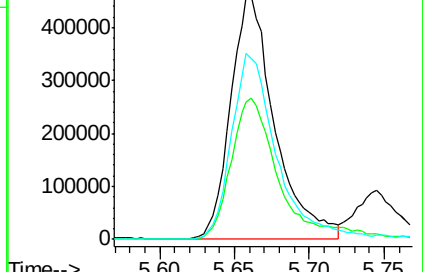
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 10.696 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL037346.D

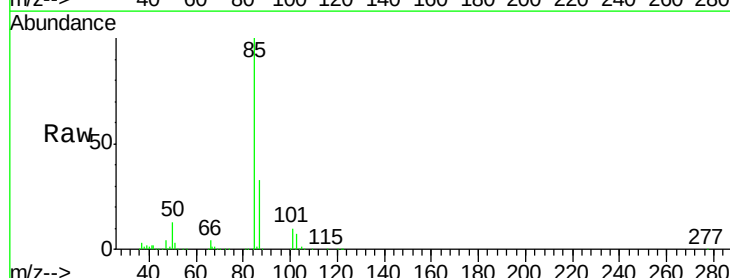
Acq: 6 Aug 2021 15:07

Tgt Ion: 85 Resp: 2289716

Ion Ratio Lower Upper

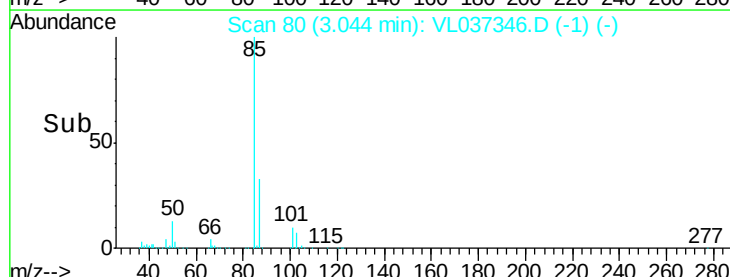
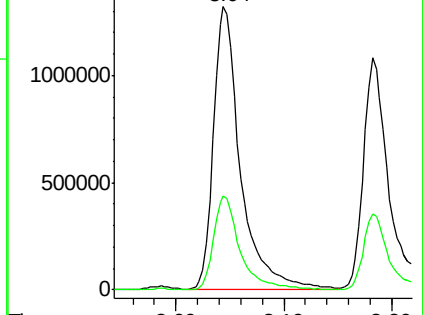
85 100

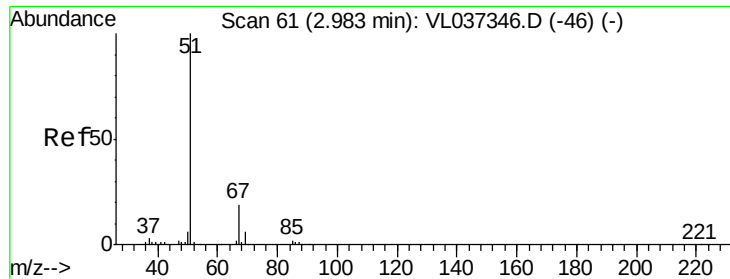
87 33.0 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





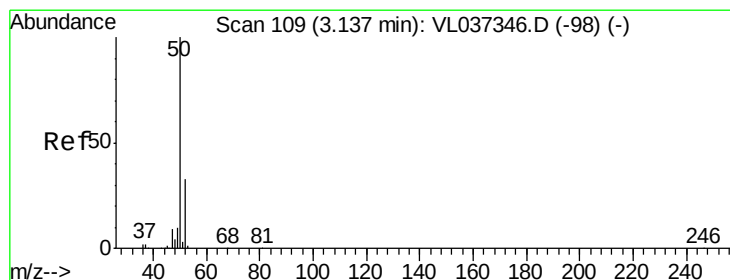
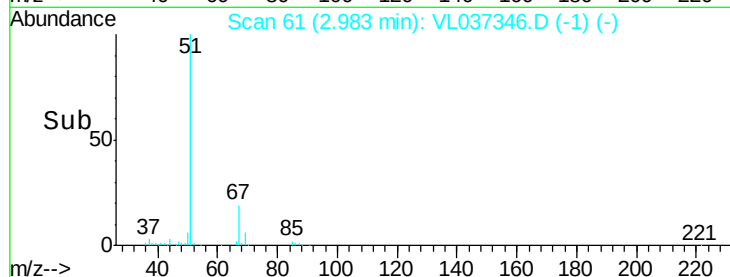
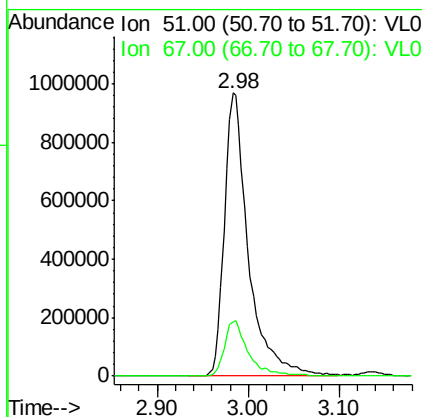
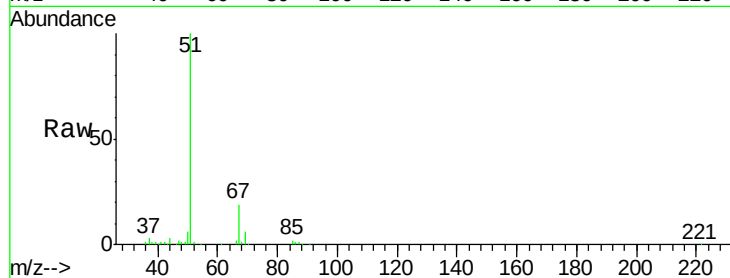
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Chlorodifluoromethane
Concen: 9.458 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
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ClientSampleId :
VSTDICCC010

Tot Ion: 51 Resp: 1782313
Ion Ratio Lower Upper
51 100
67 19.5 15.6 23.4

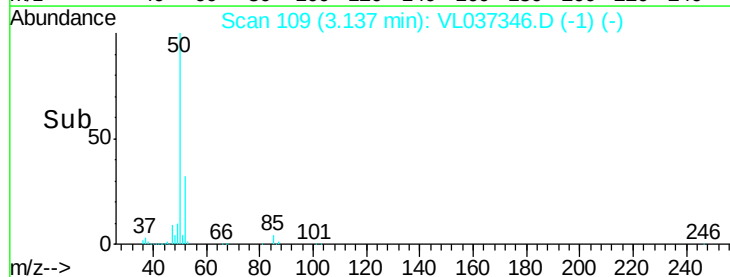
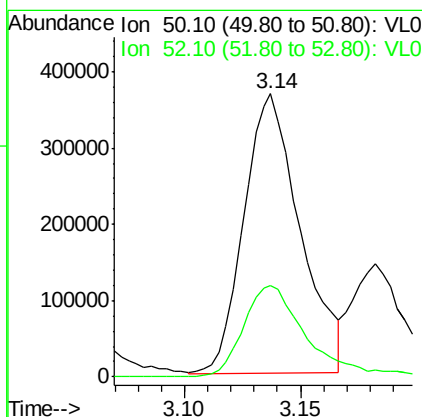
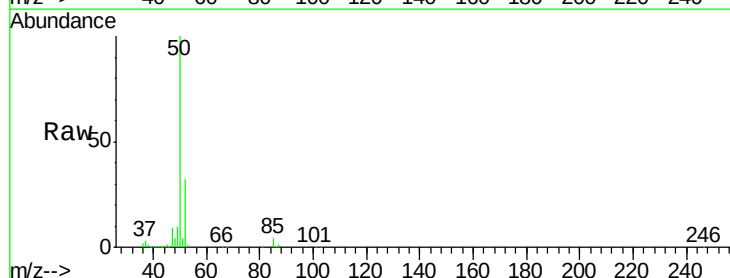
Manual Integrations
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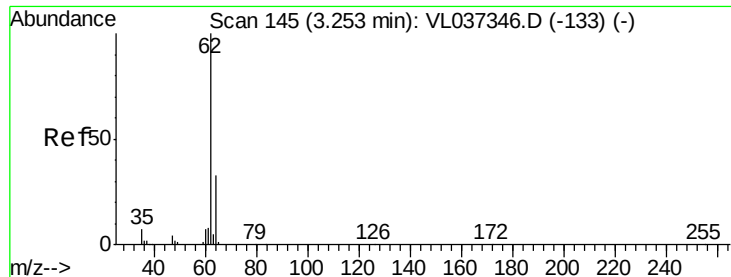
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#4
Chloromethane
Concen: 9.569 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion: 50 Resp: 616297
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5





#5

Vinyl Chloride

Concen: 8.955 ppbv

RT: 3.25 min Scan# 145

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 62 Resp: 696416

Ion Ratio Lower Upper

62 100

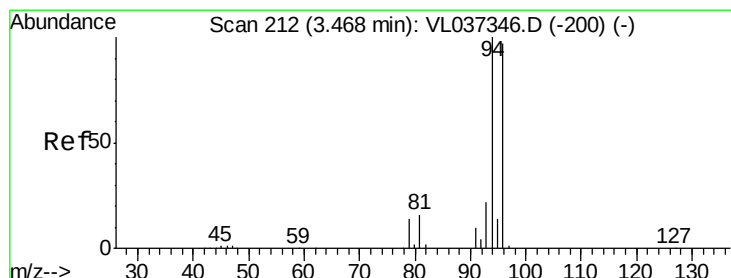
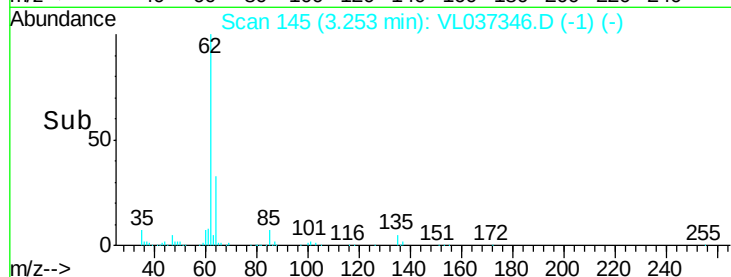
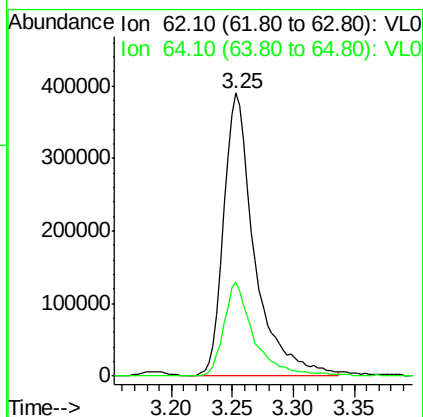
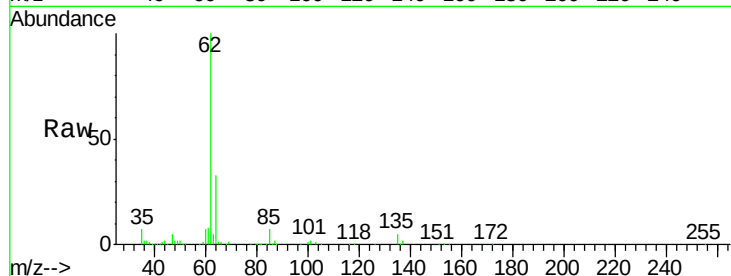
64 33.0 26.4 39.6

Manual Integrations

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8/10/2021 6:09:34 PM



#6

Bromomethane

Concen: 10.262 ppbv

RT: 3.47 min Scan# 212

Delta R.T. 0.00 min

Lab File: VL037346.D

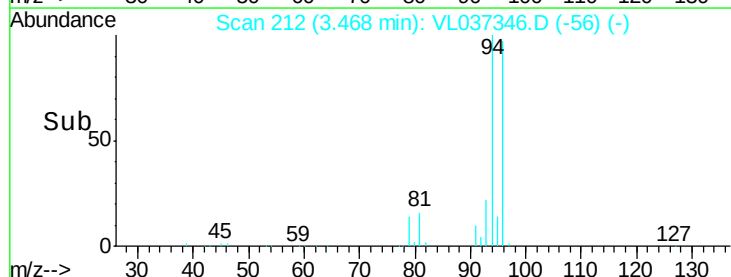
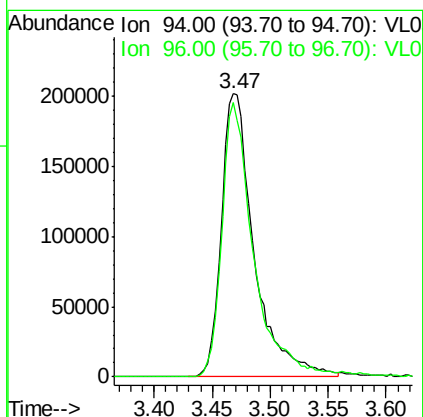
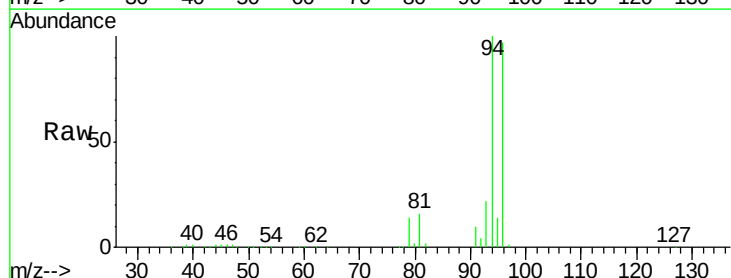
Acq: 6 Aug 2021 15:07

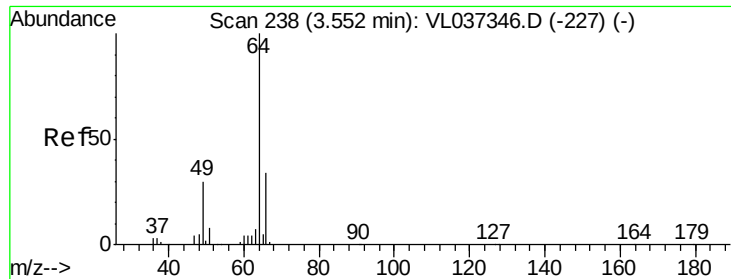
Tgt Ion: 94 Resp: 398074

Ion Ratio Lower Upper

94 100

96 96.8 77.4 116.2





#7

Chloroethane

Concen: 9.540 ppbv

RT: 3.55 min Scan# 238

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 64 Resp: 248598

Ion Ratio Lower Upper

64 100

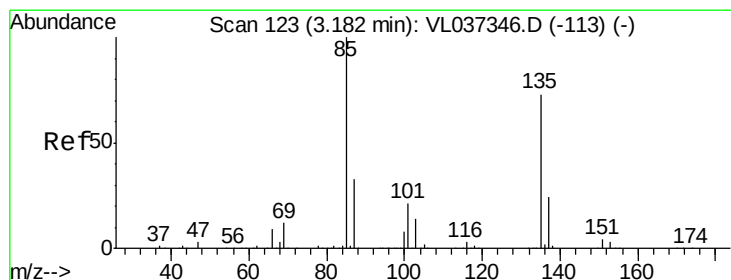
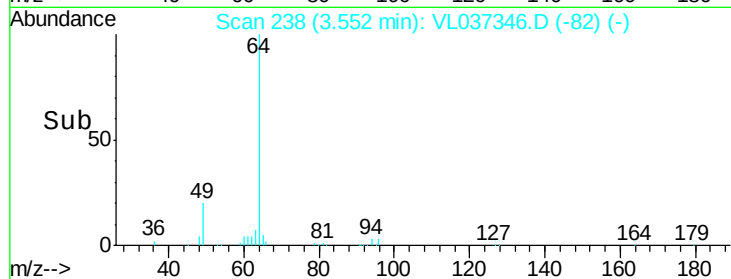
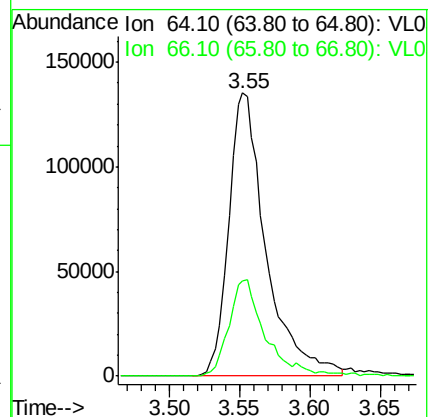
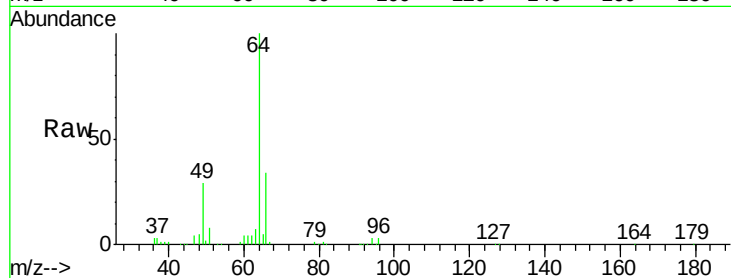
66 33.5 26.8 40.2

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 9.575 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.00 min

Lab File: VL037346.D

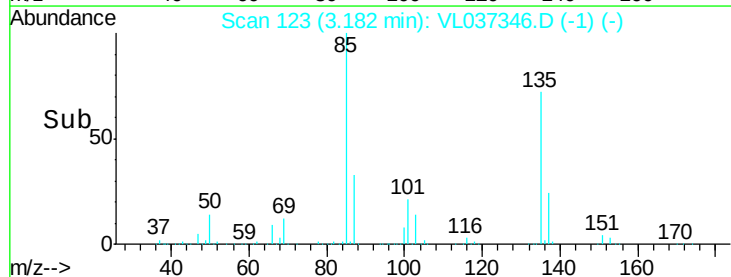
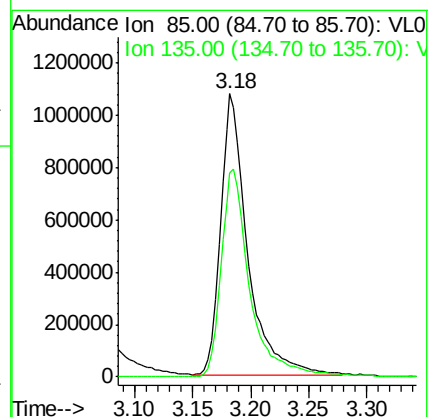
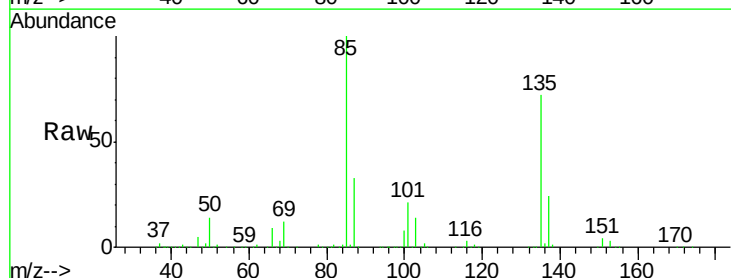
Acq: 6 Aug 2021 15:07

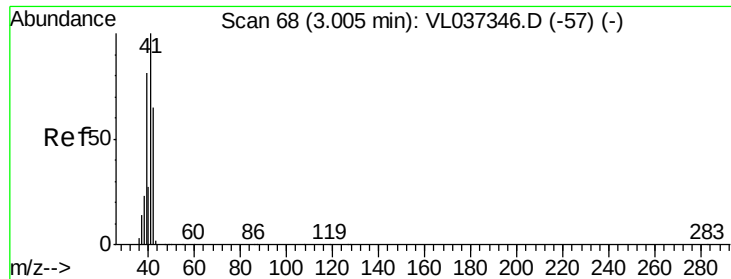
Tgt Ion: 85 Resp: 1759691

Ion Ratio Lower Upper

85 100

135 79.0 63.2 94.8





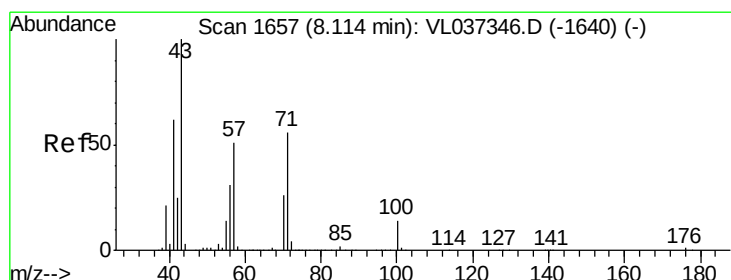
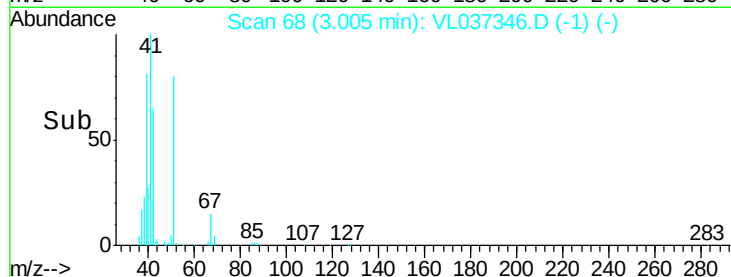
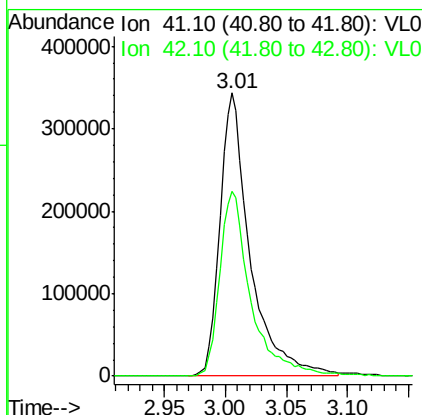
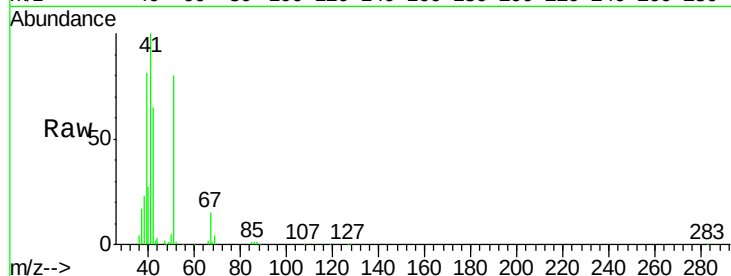
#9
 Propene
 Concen: 9.443 ppbv
 RT: 3.01 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion: 41 Resp: 597210
 Ion Ratio Lower Upper
 41 100
 42 67.9 54.3 81.5

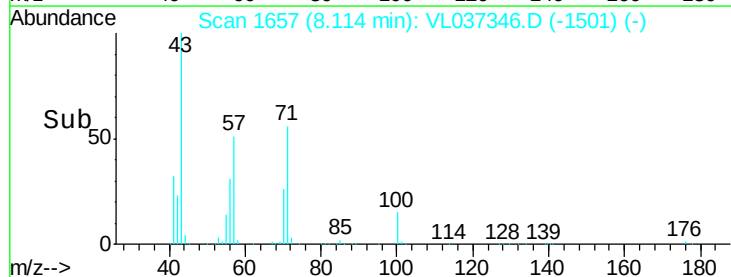
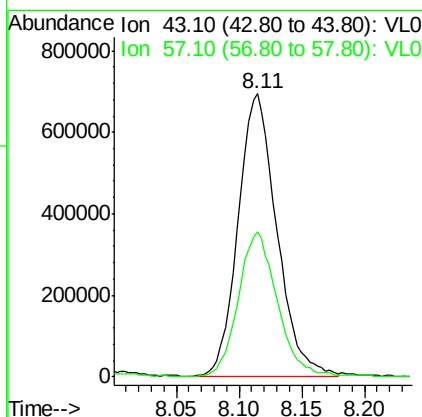
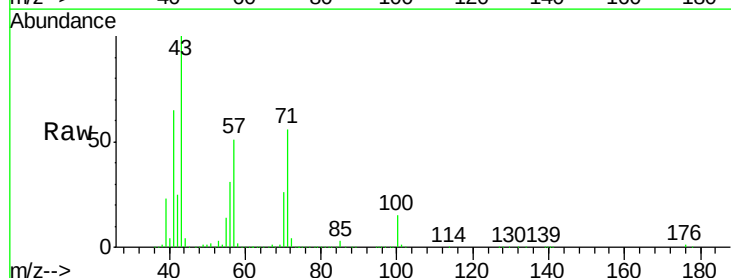
Manual Integrations
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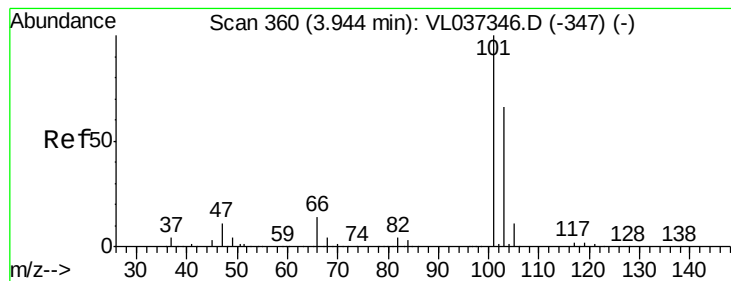
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#10
 Heptane
 Concen: 10.050 ppbv
 RT: 8.11 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Tgt Ion: 43 Resp: 1477148
 Ion Ratio Lower Upper
 43 100
 57 52.0 41.9 62.9





#11

Trichlorofluoromethane

Concen: 9.778 ppbv

RT: 3.94 min Scan# 360

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:101 Resp: 1794857

Ion Ratio Lower Upper

101 100

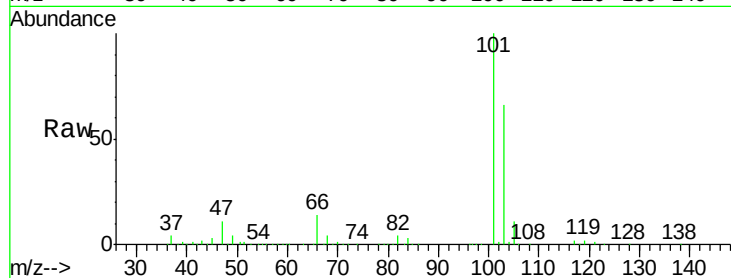
103 65.6 52.5 78.7

Manual Integrations

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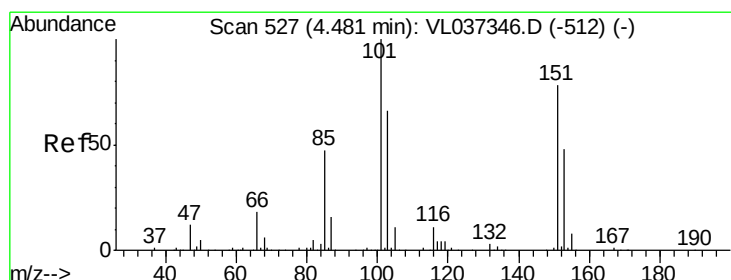
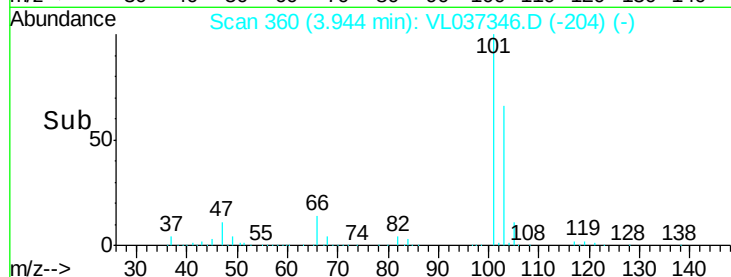
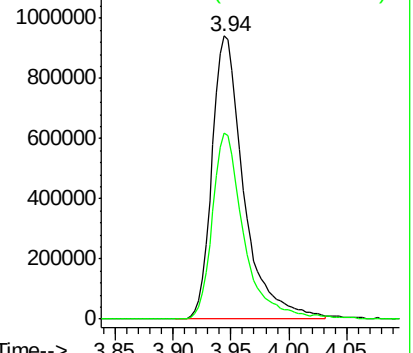
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.652 ppbv

RT: 4.48 min Scan# 527

Delta R.T. 0.00 min

Lab File: VL037346.D

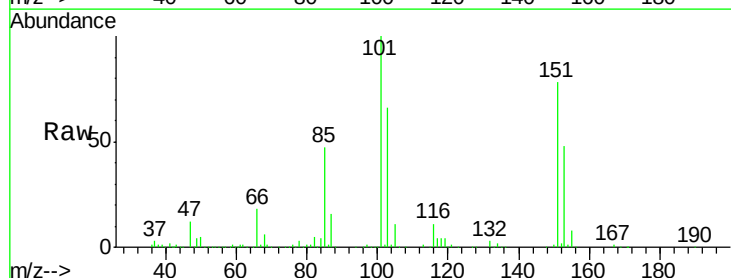
Acq: 6 Aug 2021 15:07

Tgt Ion:101 Resp: 1317246

Ion Ratio Lower Upper

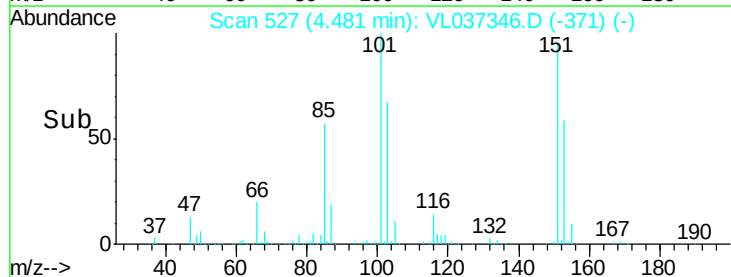
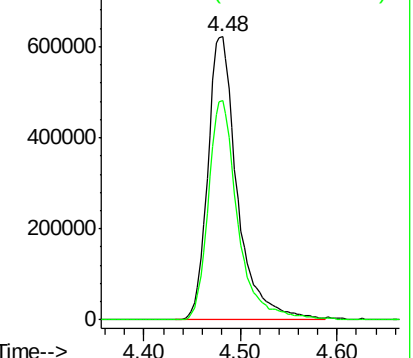
101 100

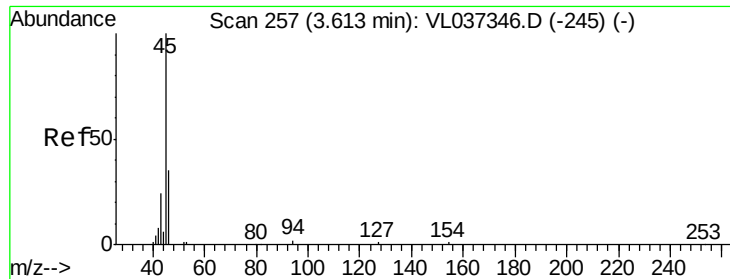
151 78.0 62.4 93.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





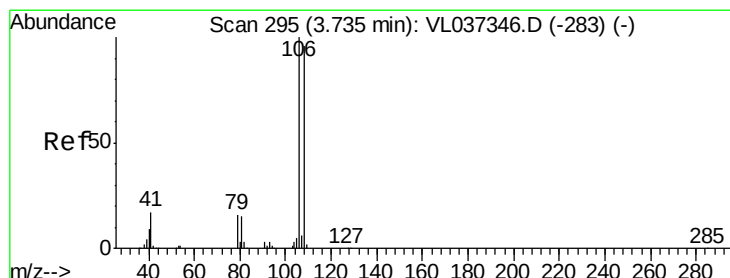
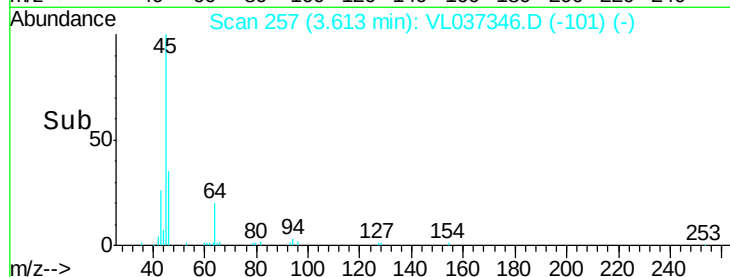
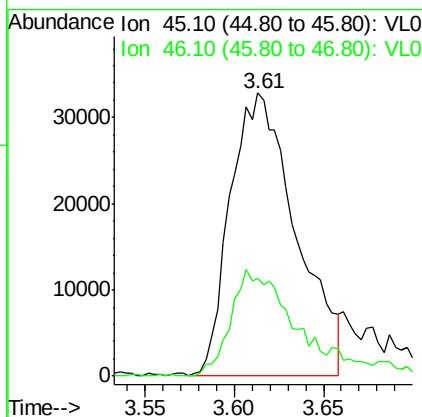
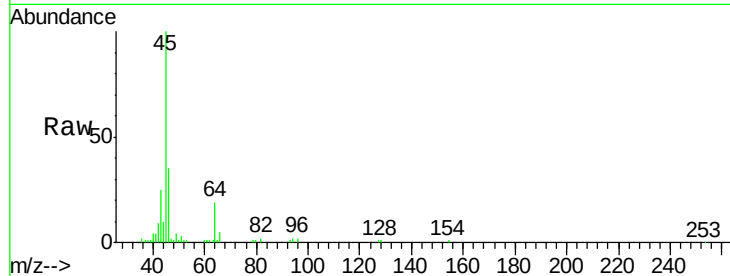
#13
Ethanol
Concen: 7.232 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	45	Resp	84358
Ion Ratio	100	Lower	Upper
46	39.3	15.7	62.9

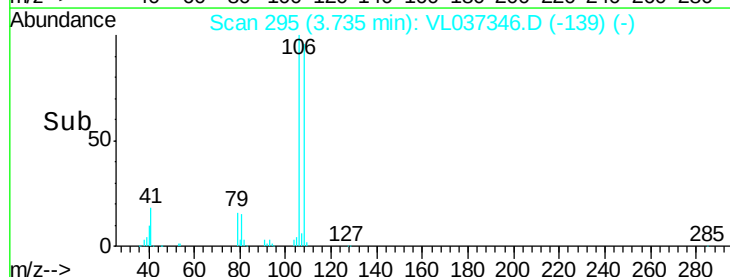
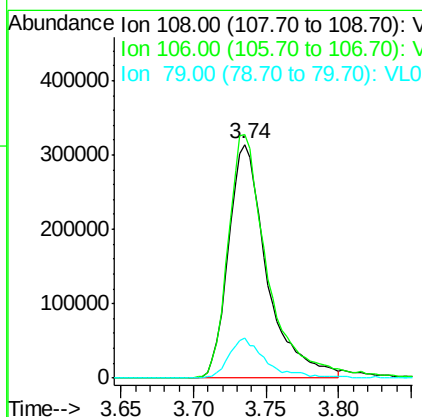
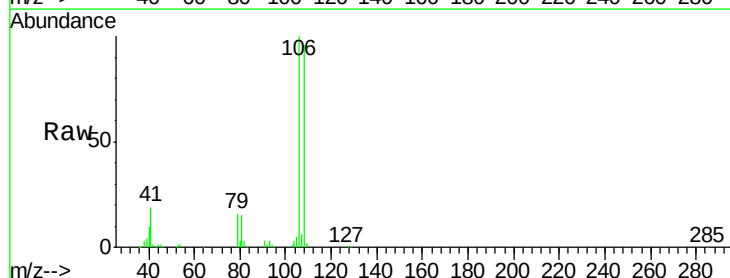
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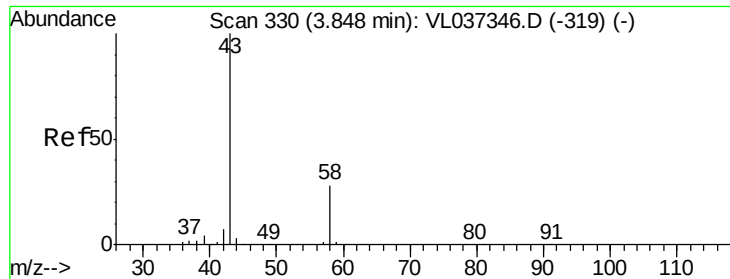
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#14
Bromoethene
Concen: 9.954 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion	108	Resp	577953
Ion Ratio	100	Lower	Upper
106	108.5	86.5	129.7
79	16.8	13.8	20.6





#15

Acetone

Concen: 8.333 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 43 Resp: 820497

Ion Ratio Lower Upper

43 100

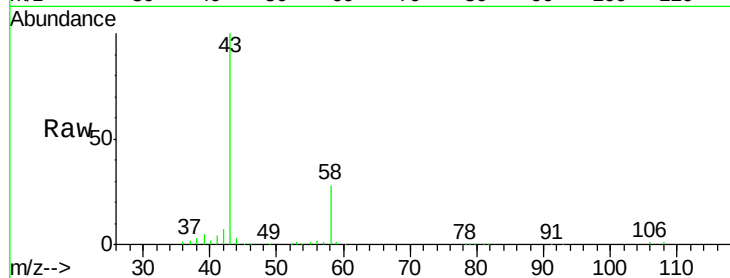
58 30.7 24.6 36.8

Manual Integrations

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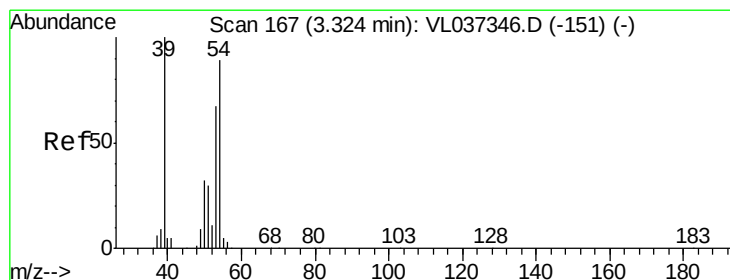
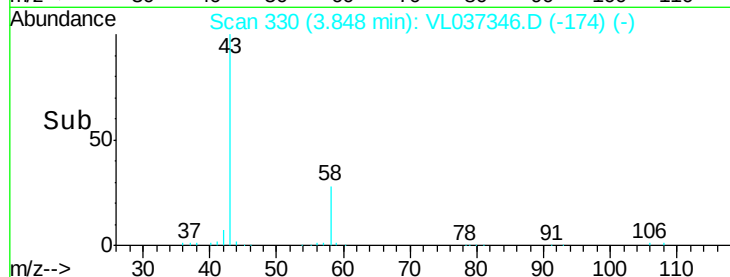
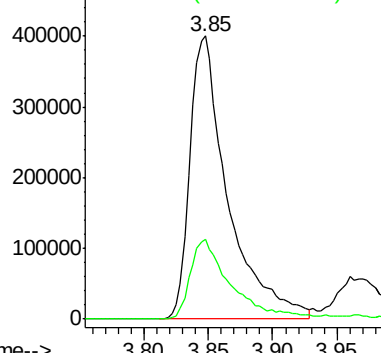
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 9.535 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL037346.D

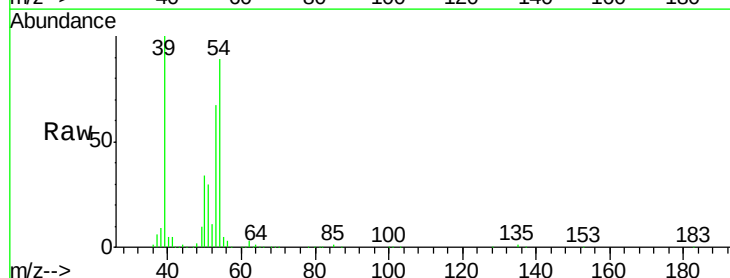
Acq: 6 Aug 2021 15:07

Tgt Ion: 39 Resp: 631096

Ion Ratio Lower Upper

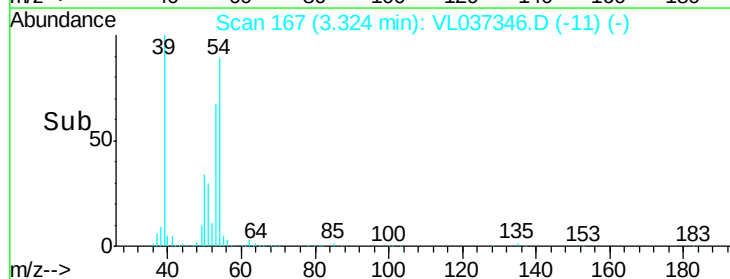
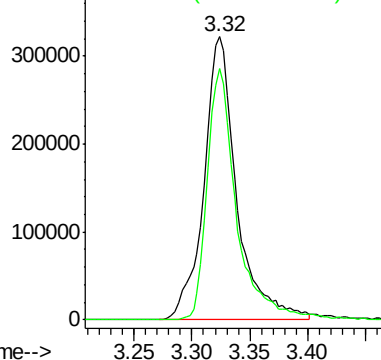
39 100

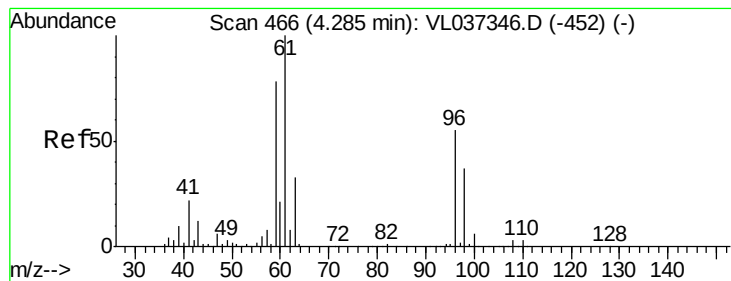
54 80.3 64.2 96.4



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

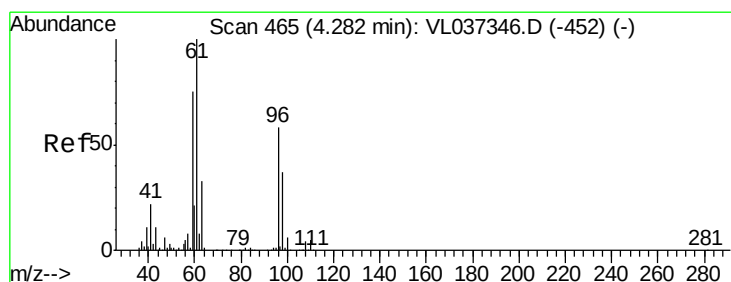
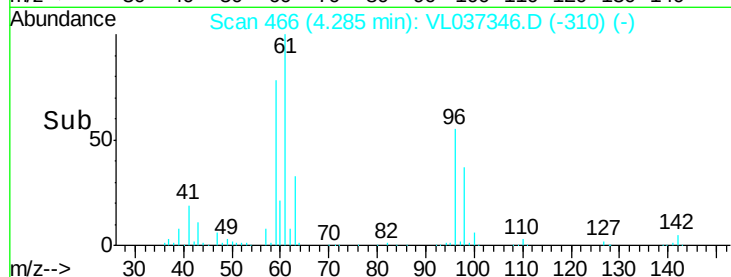
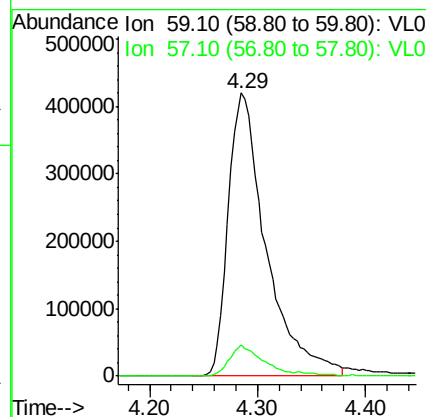
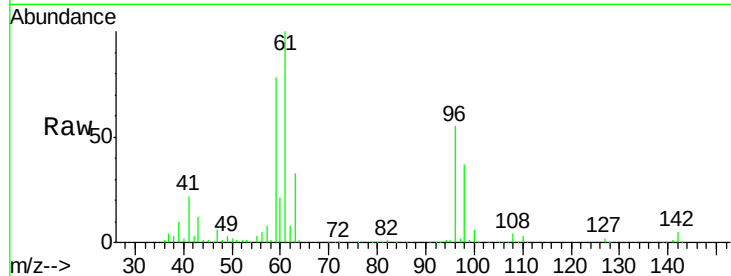
tert-Butyl alcohol
 Concen: 9.846 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion: 59 Resp: 1031991
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 13.0

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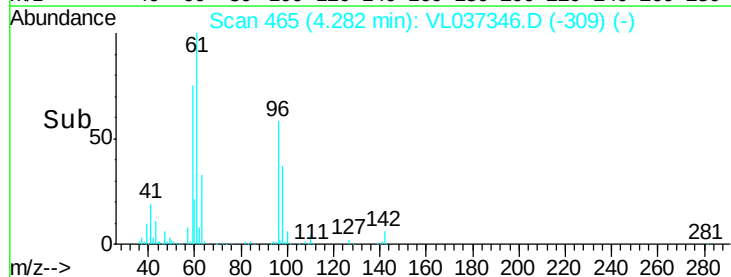
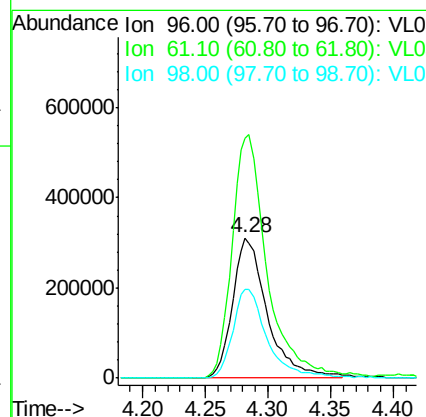
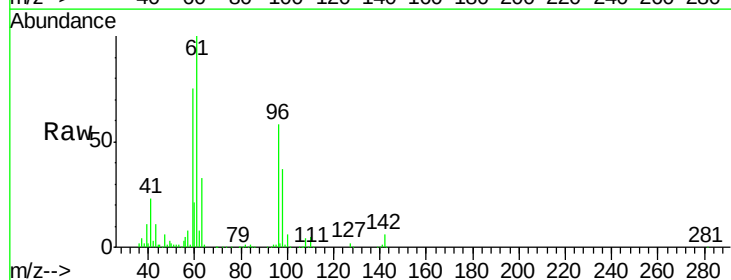
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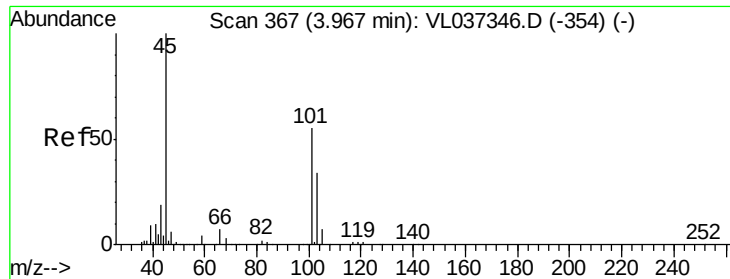


#18

1,1-Dichloroethene
 Concen: 10.069 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Tgt Ion: 96 Resp: 597901
 Ion Ratio Lower Upper
 96 100
 61 171.2 137.0 205.4
 98 63.0 50.4 75.6





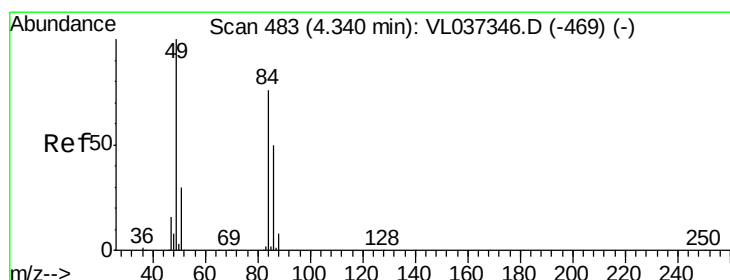
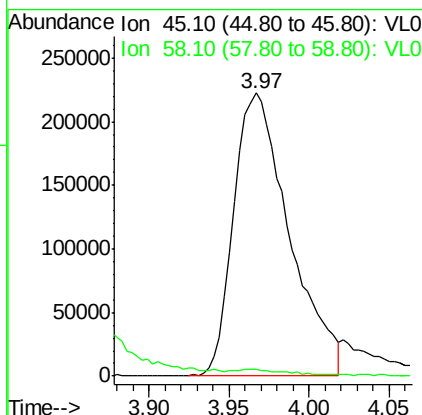
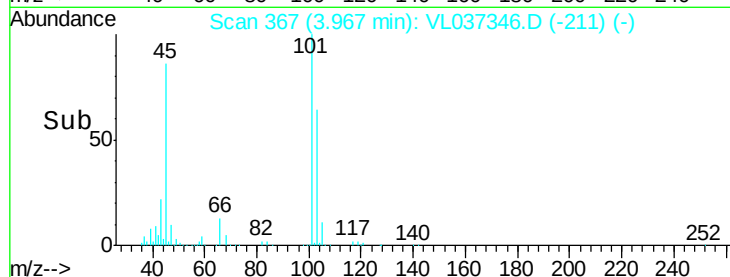
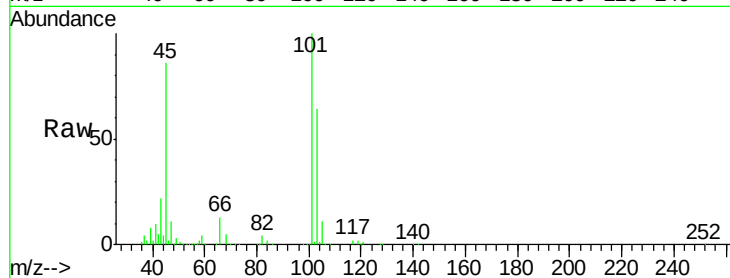
#19
Isopropyl Alcohol
Concen: 8.876 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 45 Resp: 528994
Ion Ratio Lower Upper
45 100
58 2.3 0.0 0.0#

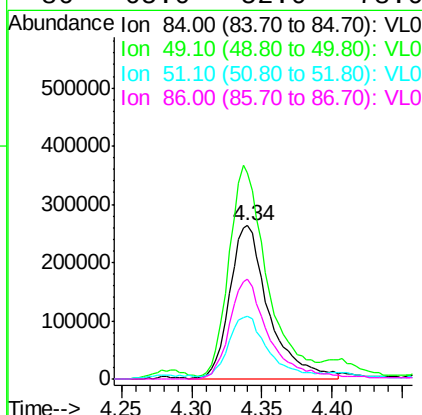
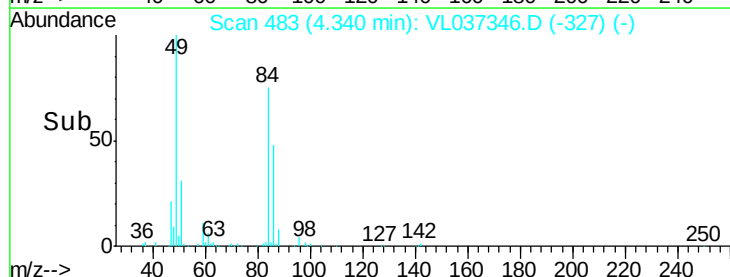
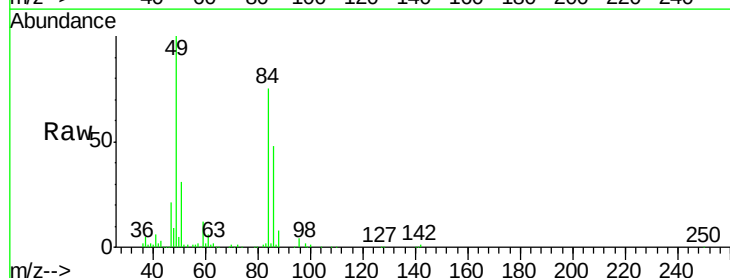
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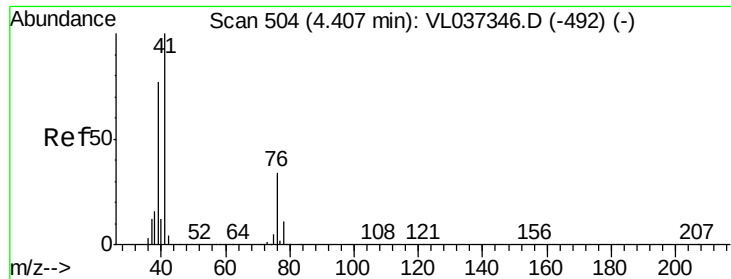
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#20
Methylene Chloride
Concen: 6.181 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion: 84 Resp: 509716
Ion Ratio Lower Upper
84 100
49 131.7 105.4 158.0
51 38.9 31.1 46.7
86 65.0 52.0 78.0





#21

Allvl Chloride

Concen: 9.647 ppbv

RT: 4.41 min Scan# 504

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

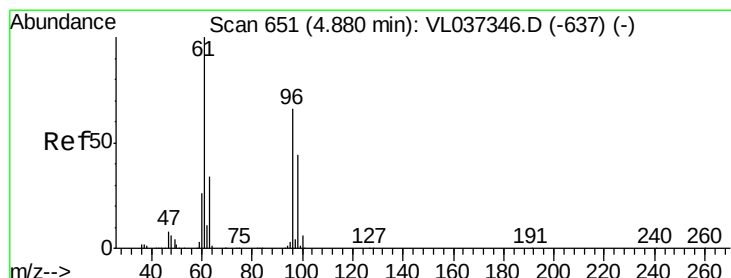
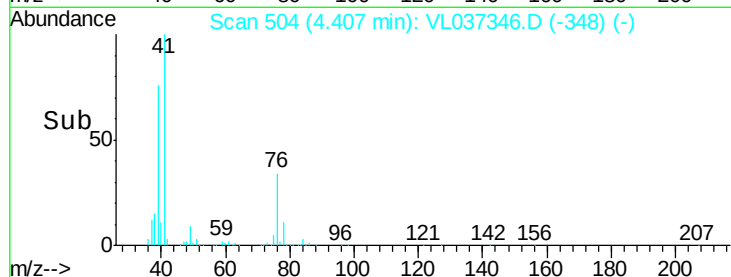
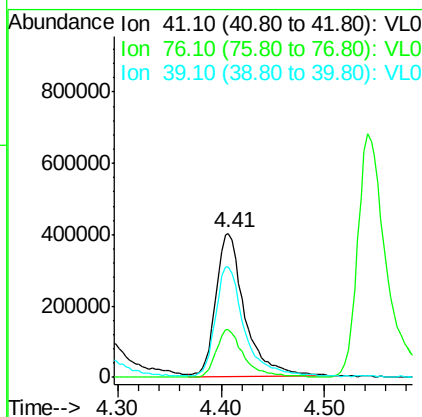
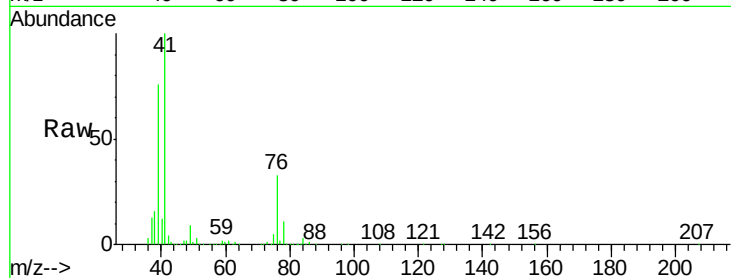
ClientSampleId :

VSTDICCC010

Tot Ion:	41	Resp:	785451
Ion Ratio	Lower	Upper	
41	100		
76	32.1	25.8	38.8
39	76.2	61.6	92.4

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#22

trans-1,2-Dichloroethene

Concen: 10.321 ppbv

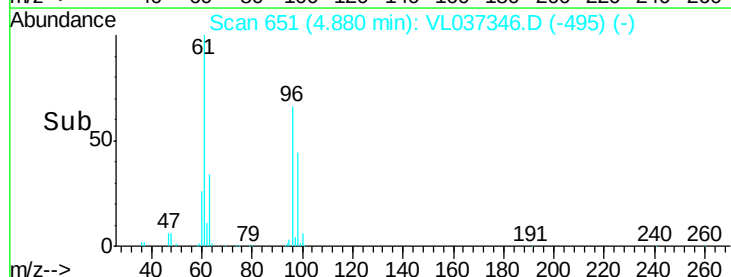
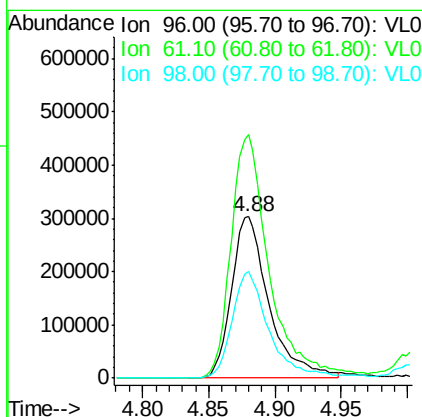
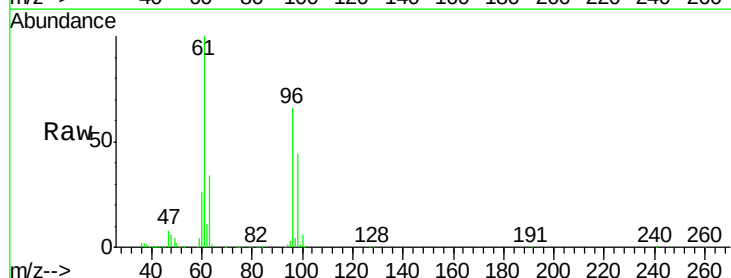
RT: 4.88 min Scan# 651

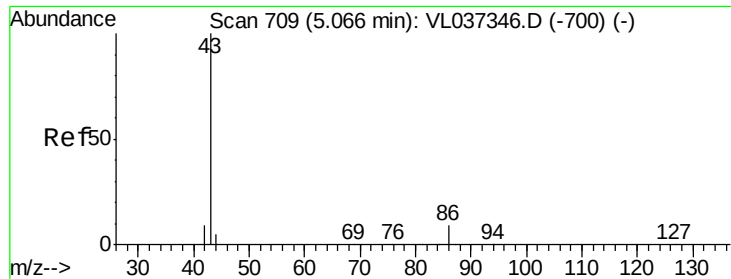
Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Tgt Ion:	96	Resp:	596554
Ion Ratio	Lower	Upper	
96	100		
61	150.8	120.6	181.0
98	66.3	53.0	79.6





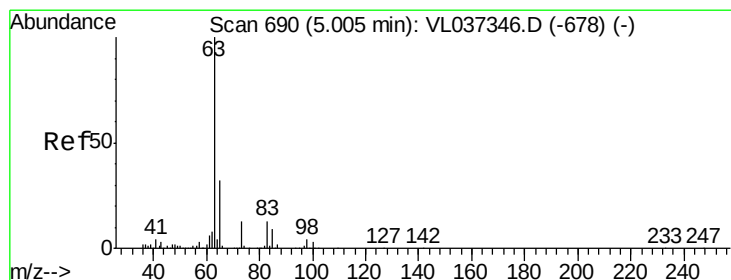
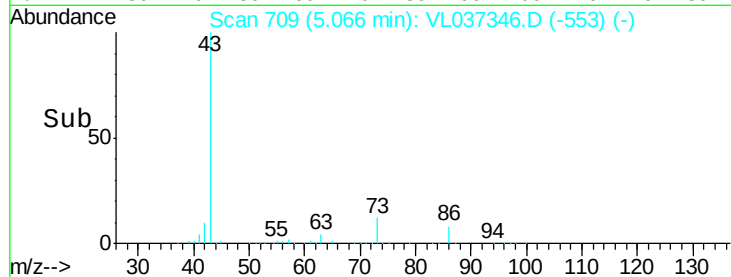
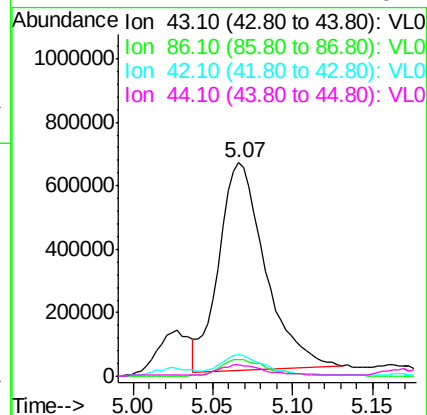
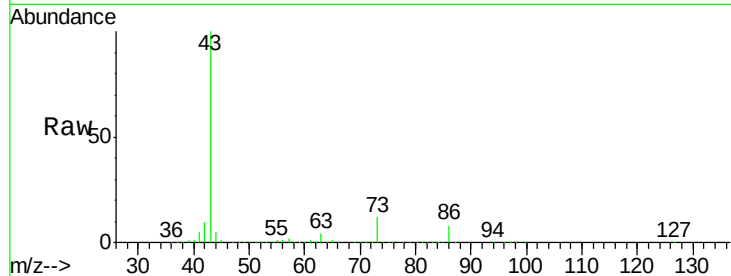
#23
 Vinyl Acetate
 Concen: 9.595 ppbv
 RT: 5.07 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	43	Resp	1311214
Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.2	9.4
42	10.4	8.3	12.5
44	4.7	4.1	6.1

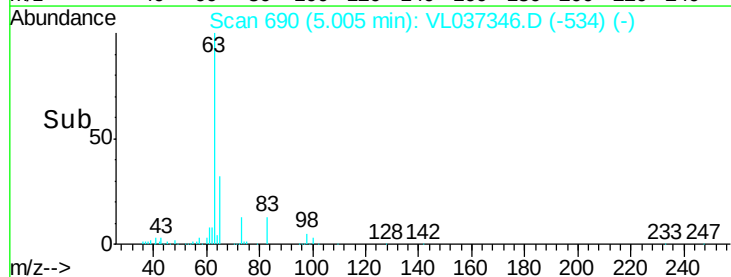
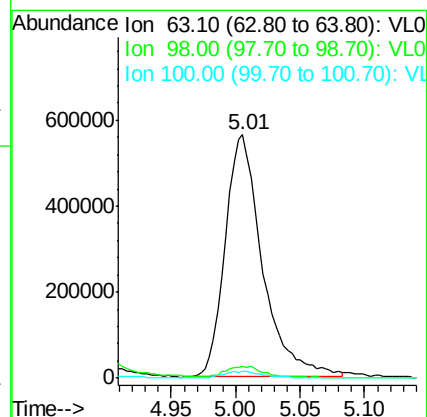
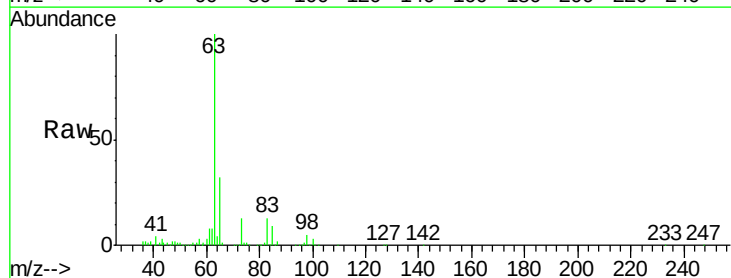
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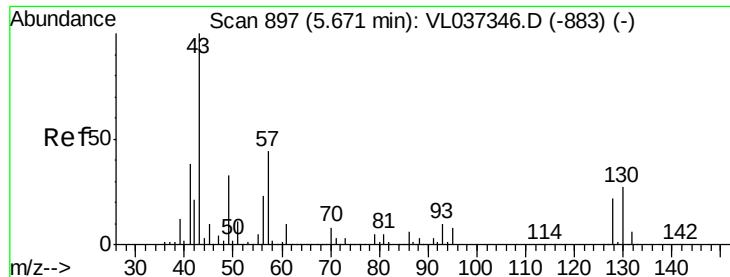
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#24
 1,1-Dichloroethane
 Concen: 9.605 ppbv
 RT: 5.01 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Tgt Ion	63	Resp	1129566
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.8
100	2.7	1.4	4.0





#25
Ethyl Acetate
Concen: 9.469 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

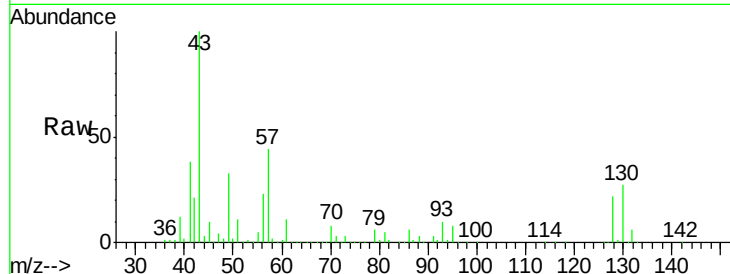
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 43 Resp: 2306426

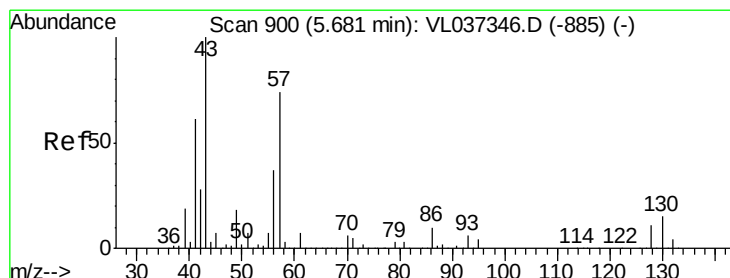
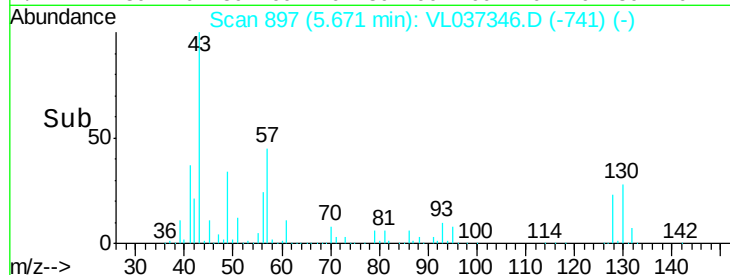
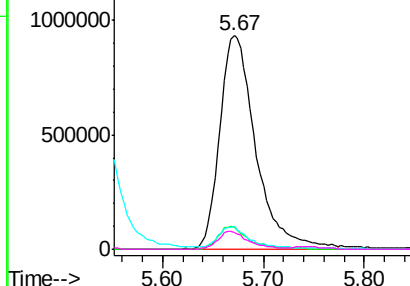
Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.4	11.2
61	10.2	8.5	12.7
70	7.3	5.8	8.6

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Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

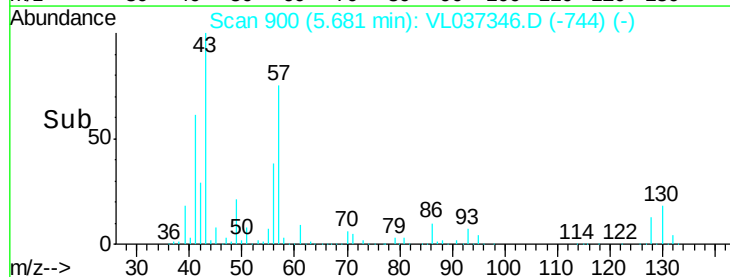
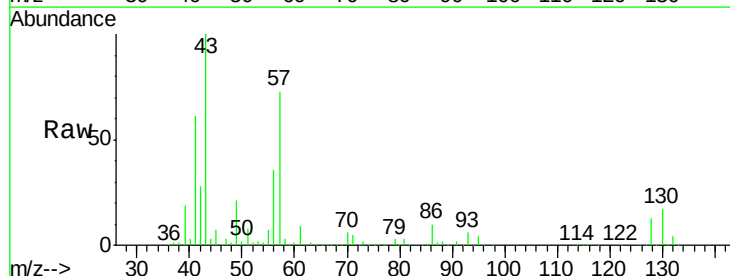
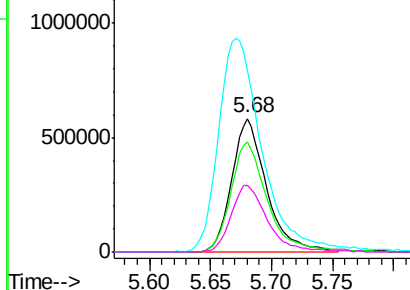


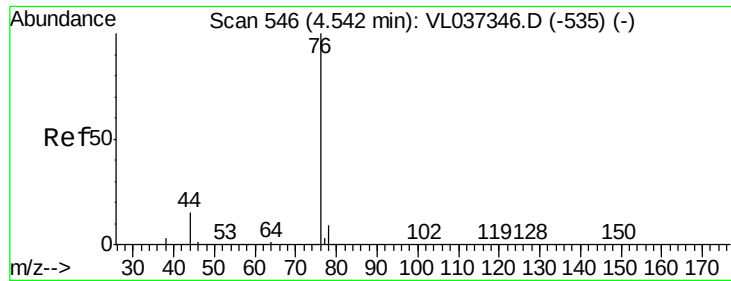
#26
Hexane
Concen: 8.400 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion: 57 Resp: 1156012

Ion	Ratio	Lower	Upper
57	100		
41	86.5	68.7	103.1
43	202.6	162.6	244.0
56	52.8	42.2	63.4

Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 11.119 ppbv

RT: 4.54 min Scan# 546

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 76 Resp: 1328485

Ion Ratio Lower Upper

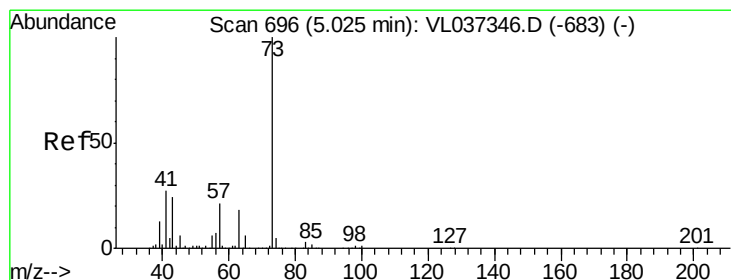
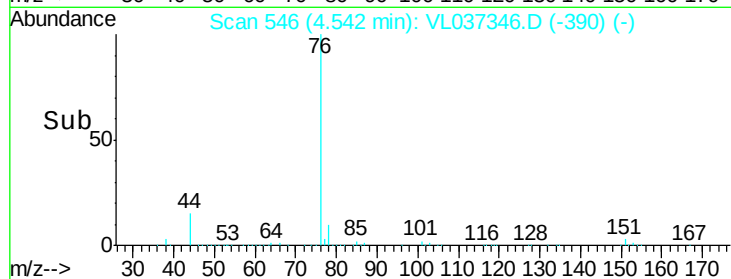
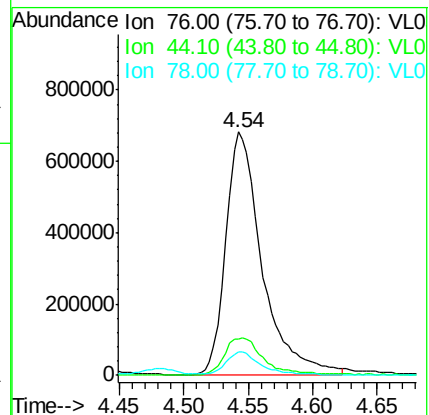
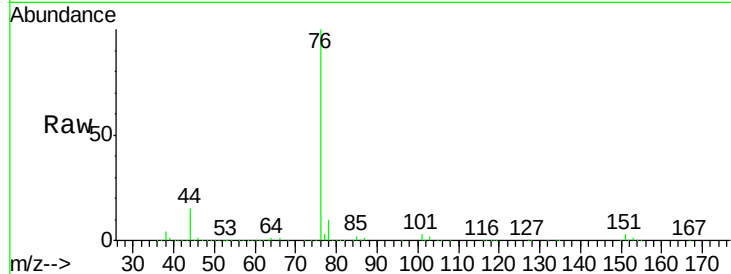
76 100

44 16.7 13.2 19.8

78 9.9 8.0 12.0

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 9.311 ppbv

RT: 5.02 min Scan# 696

Delta R.T. 0.00 min

Lab File: VL037346.D

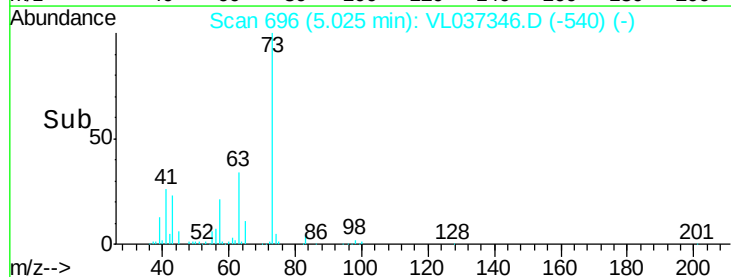
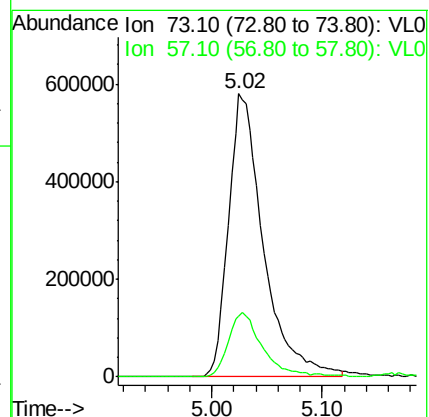
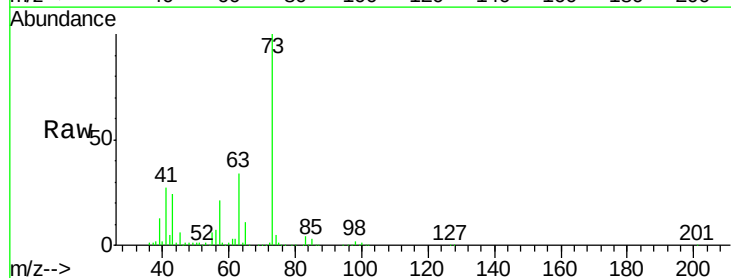
Acq: 6 Aug 2021 15:07

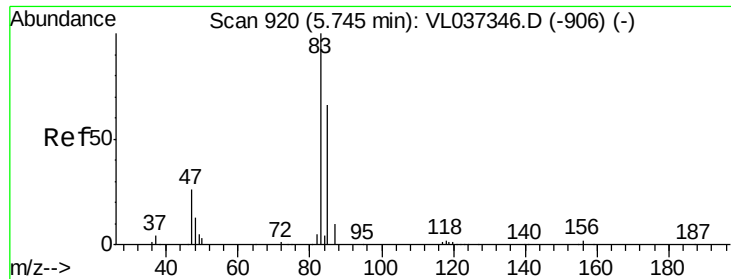
Tgt Ion: 73 Resp: 1276272

Ion Ratio Lower Upper

73 100

57 22.4 17.9 26.9





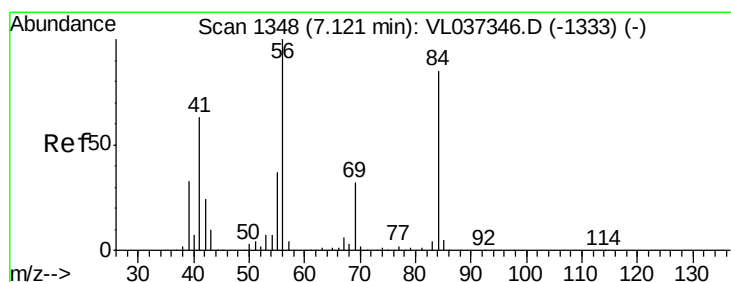
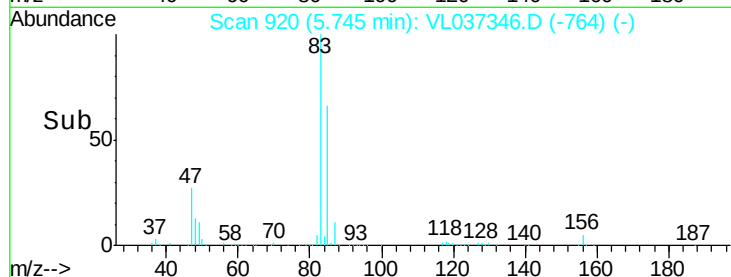
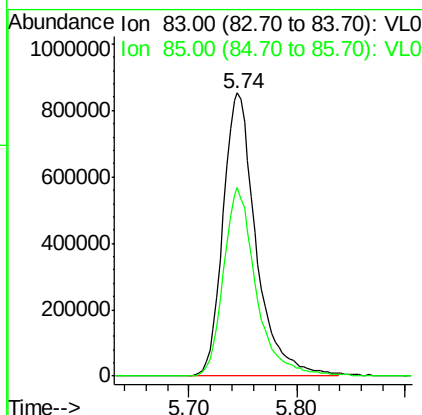
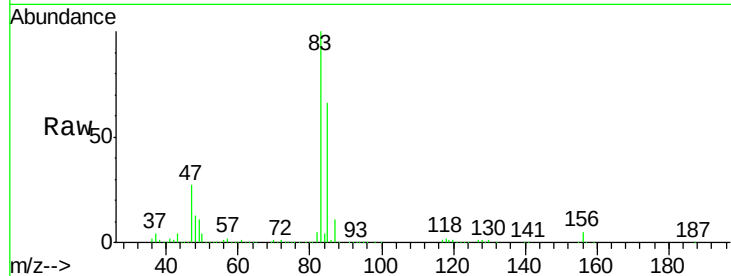
#29
Chloroform
Concen: 9.800 ppbv
RT: 5.74 min Scan# 920
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 83 Resp: 1809341
Ion Ratio Lower Upper
83 100
85 66.4 53.1 79.7

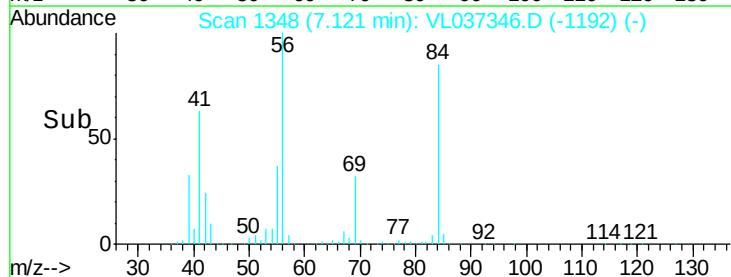
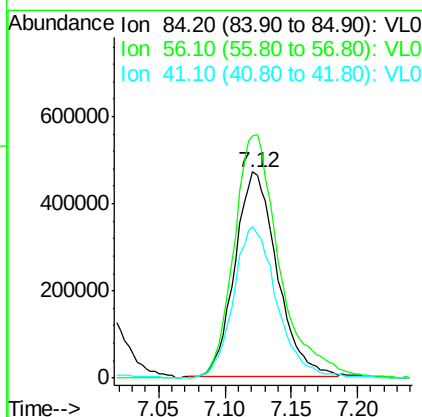
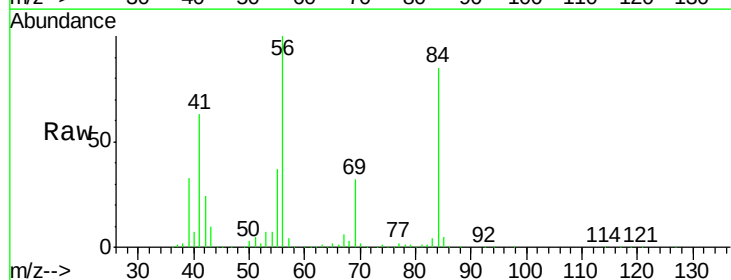
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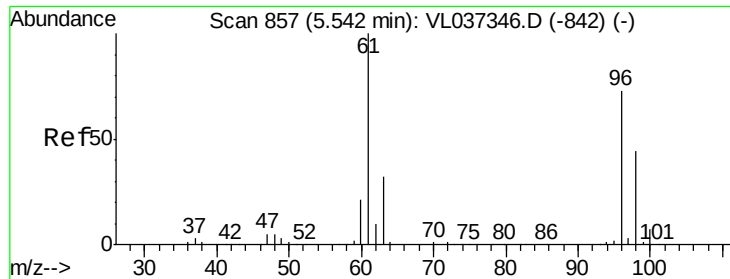
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#30
Cyclohexane
Concen: 9.678 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion: 84 Resp: 1038713
Ion Ratio Lower Upper
84 100
56 129.4 103.3 154.9
41 76.8 61.4 92.0





#31

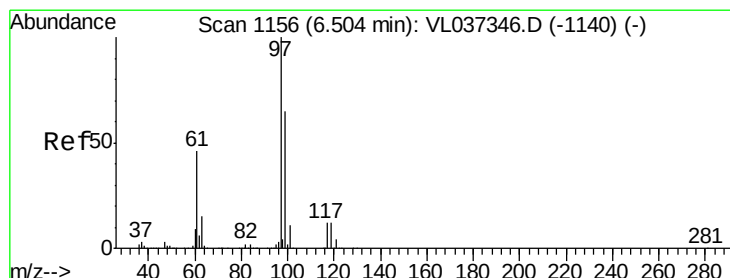
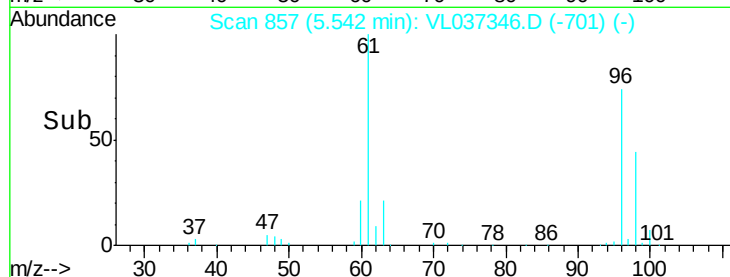
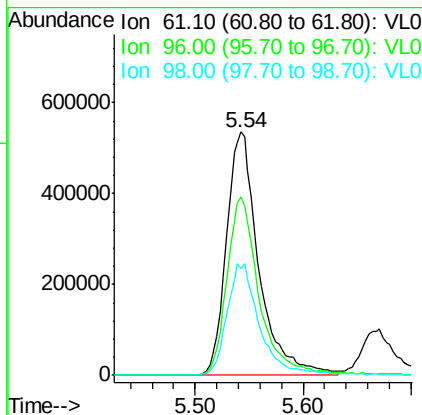
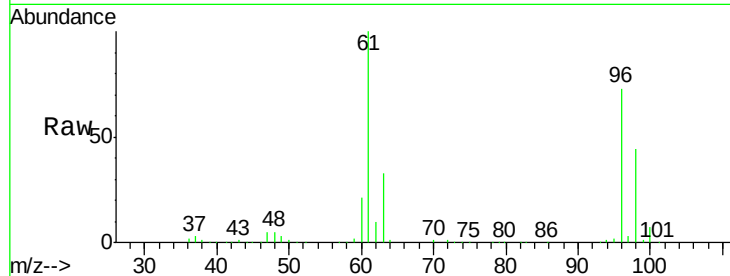
cis-1,2-Dichloroethene
Concen: 10.260 ppbv
RT: 5.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 61 Resp: 1114563
Ion Ratio Lower Upper
61 100
96 73.1 58.5 87.7
98 43.9 35.1 52.7

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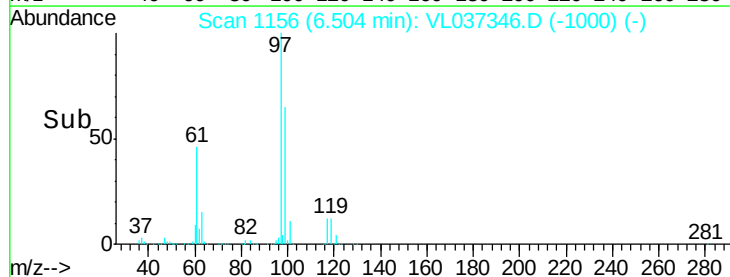
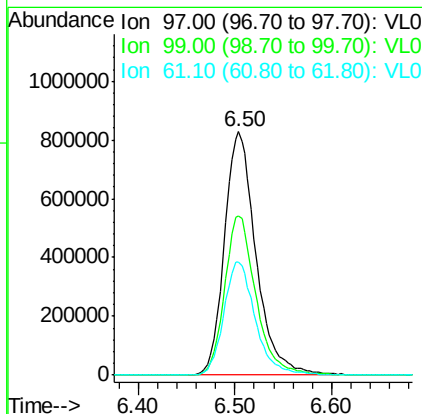
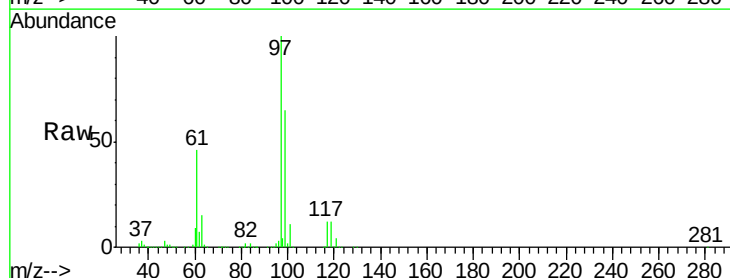
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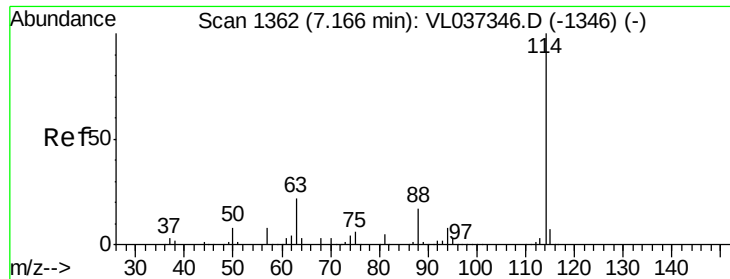


#32

1,1,1-Trichloroethane
Concen: 9.598 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion: 97 Resp: 1878794
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 46.3 37.0 55.4





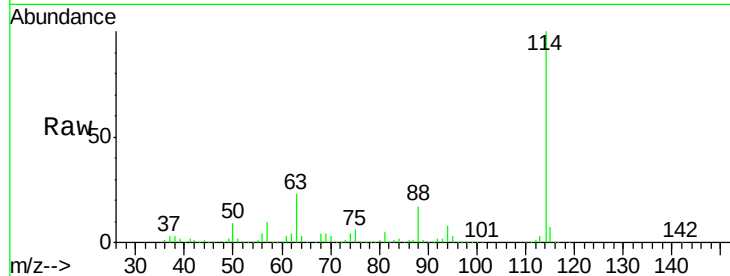
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

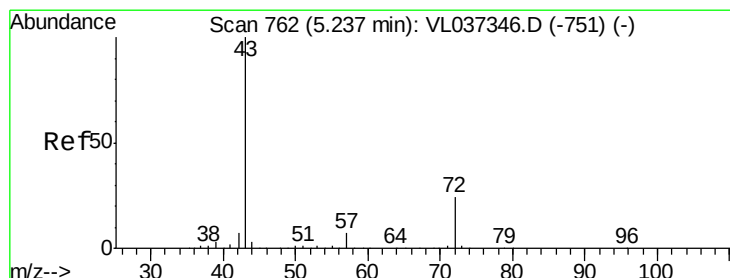
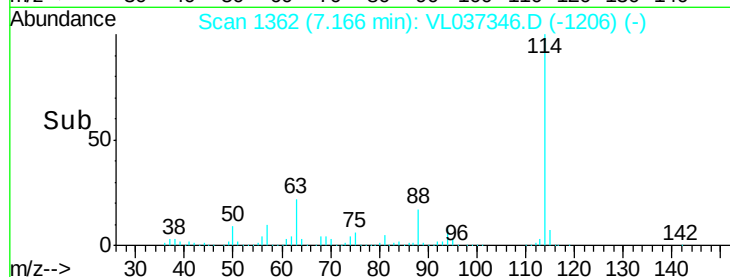
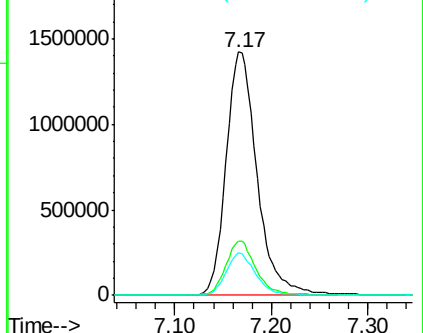
Tot Ion:114 Resp: 3171049
 Ion Ratio Lower Upper
 114 100
 63 22.2 17.9 26.9
 88 16.9 13.4 20.2

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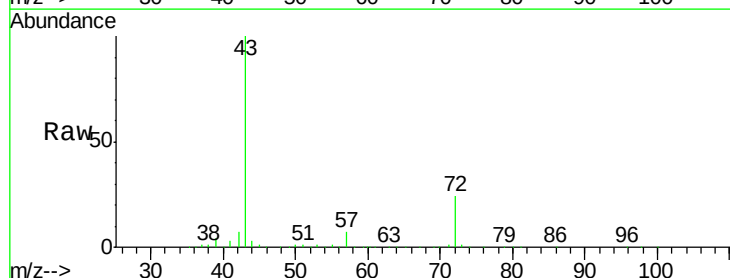


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

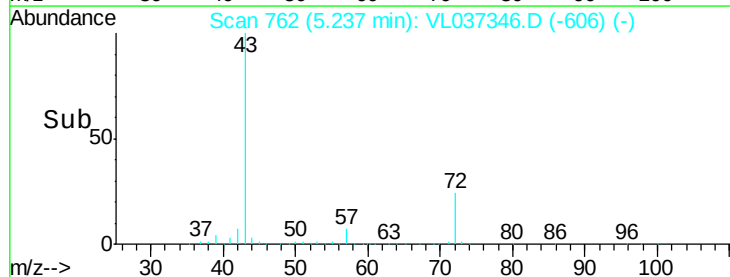
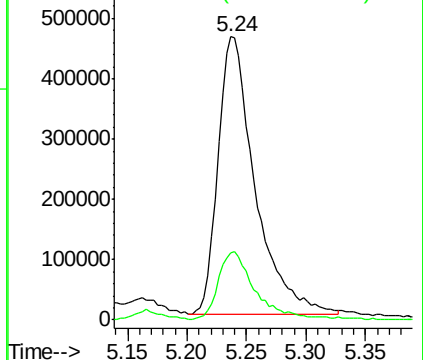


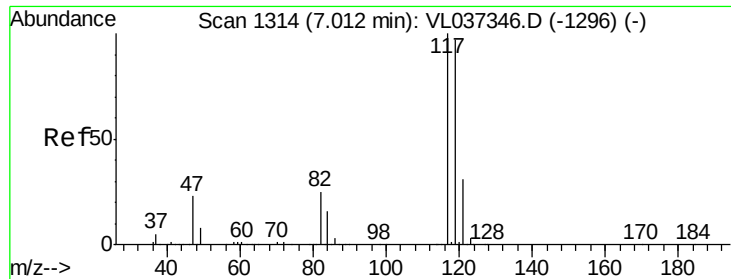
#34
 2-Butanone
 Concen: 9.305 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Tgt Ion: 43 Resp: 990681
 Ion Ratio Lower Upper
 43 100
 72 24.7 20.2 30.2



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





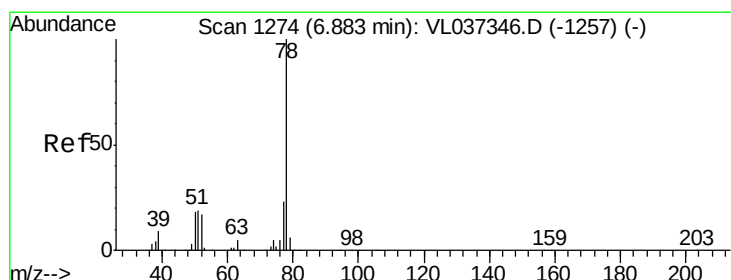
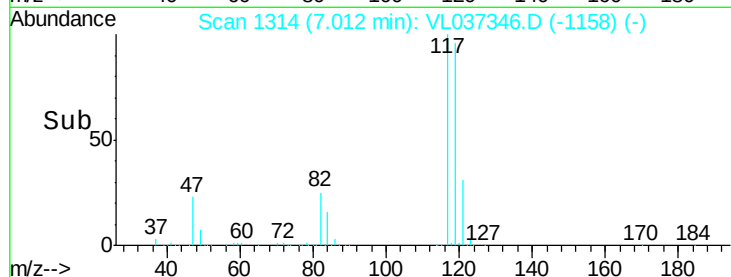
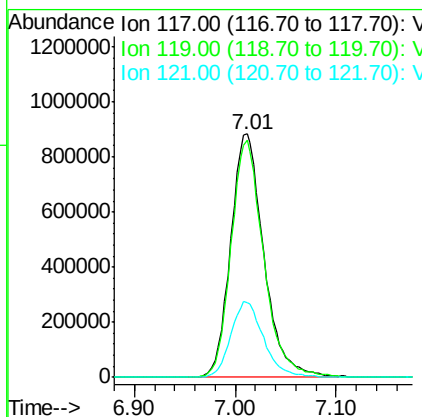
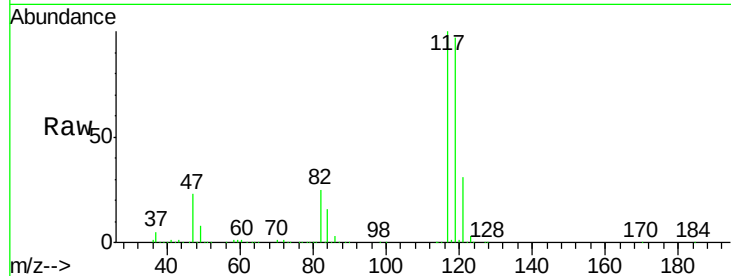
#35
Carbon Tetrachloride
Concen: 10.156 ppbv
RT: 7.01 min Scan# 1314
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion:117 Resp: 2015370
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8
121 30.7 24.6 36.8

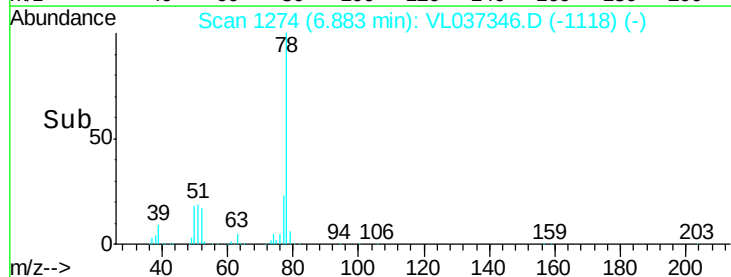
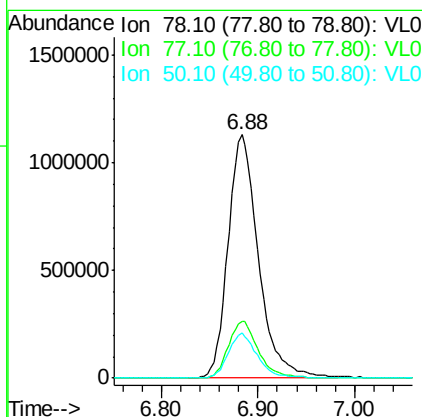
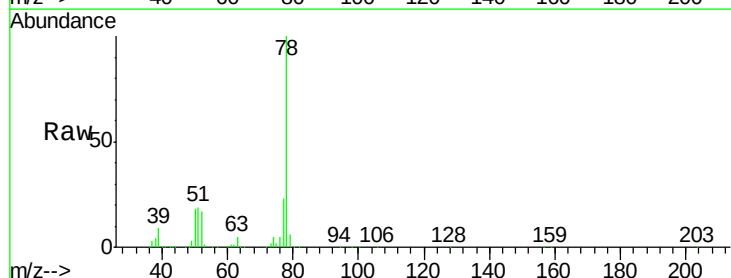
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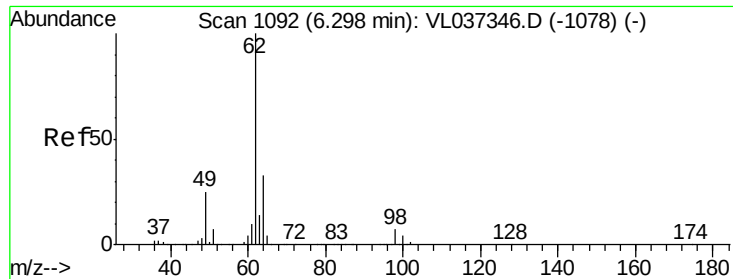
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#36
Benzene
Concen: 10.144 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion: 78 Resp: 2465342
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1
50 18.3 14.6 22.0





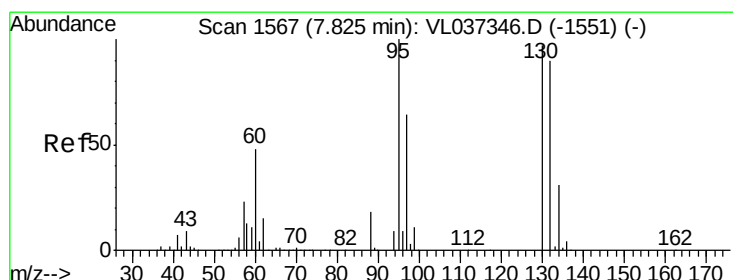
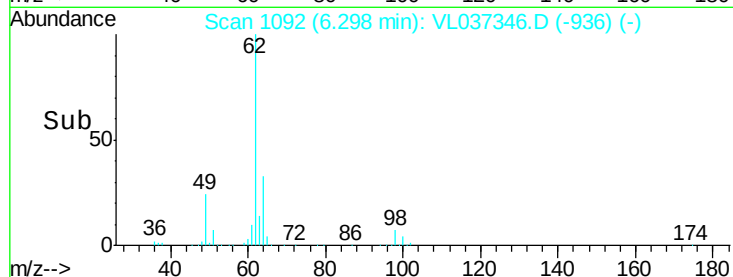
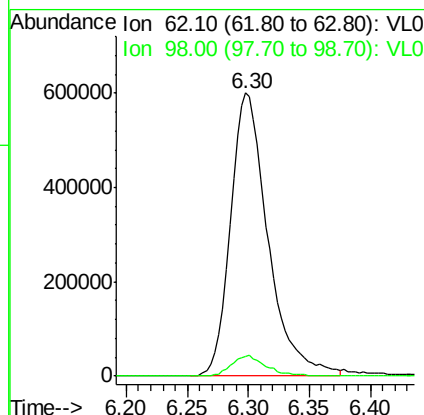
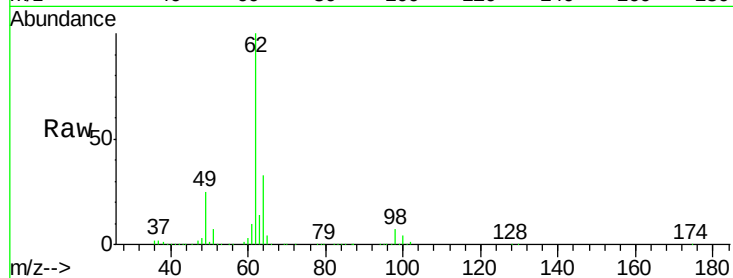
#37
1,2-Dichloroethane
Concen: 10.080 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 62 Resp: 1281109
Ion Ratio Lower Upper
62 100
98 7.0 5.6 8.4

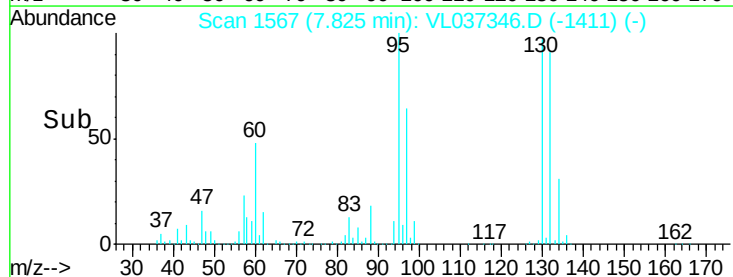
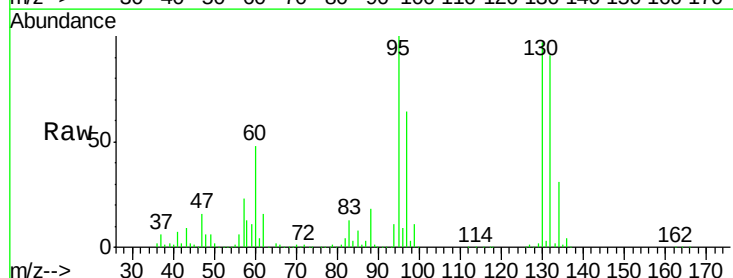
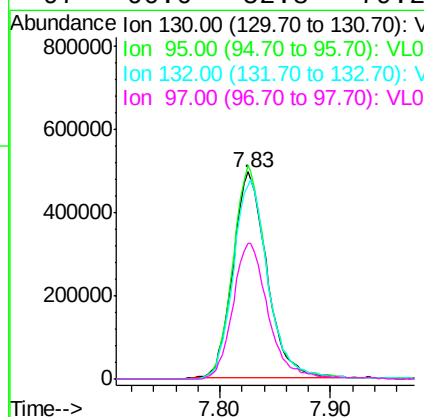
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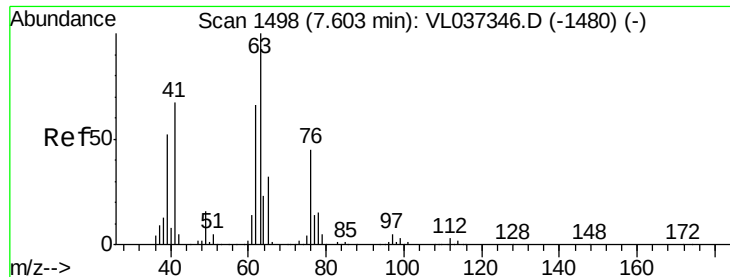
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#38
Trichloroethene
Concen: 8.895 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion:130 Resp: 1059173
Ion Ratio Lower Upper
130 100
95 103.5 82.8 124.2
132 93.6 74.9 112.3
97 66.0 52.8 79.2





#39

1,2-Dichloropropane

Concen: 10.372 ppbv

RT: 7.60 min Scan# 1498

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

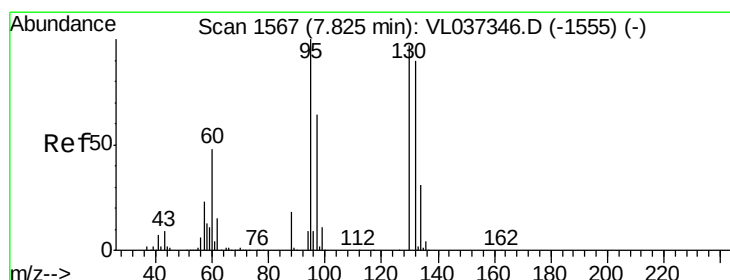
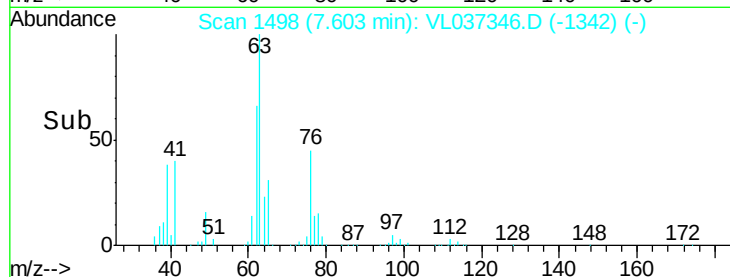
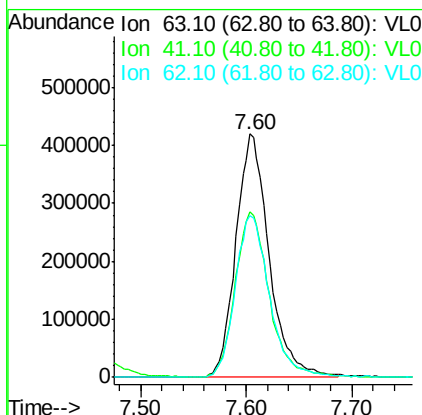
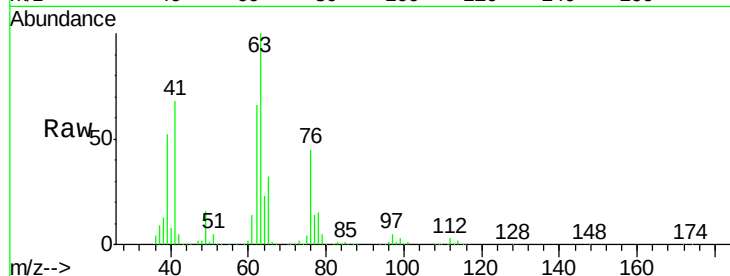
ClientSampleId :

VSTDICCC010

Tot Ion:	63	Resp:	918496
Ion	Ratio	Lower	Upper
63	100		
41	67.4	53.9	80.9
62	66.3	53.0	79.6

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#40

1,4-Dioxane

Concen: 11.285 ppbv m

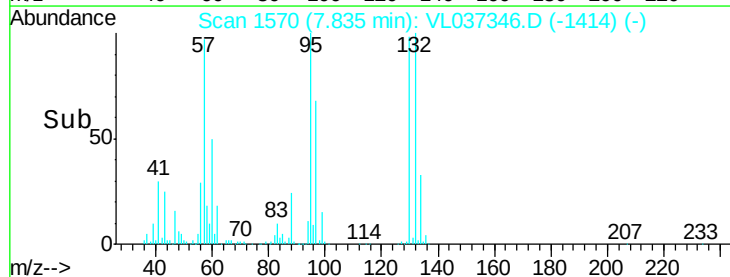
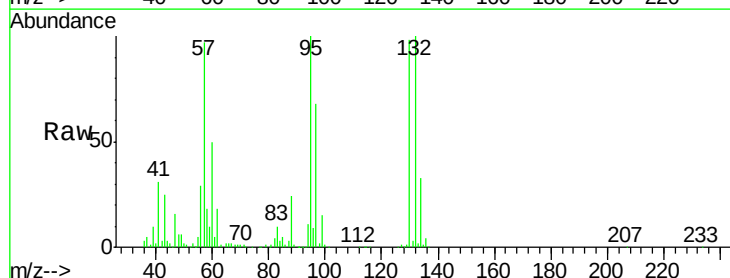
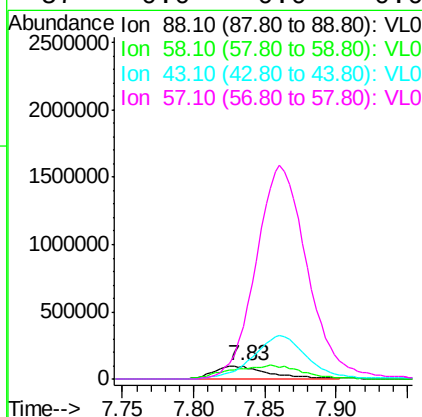
RT: 7.83 min Scan# 1570

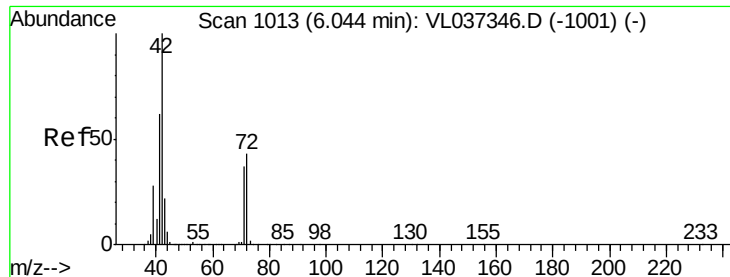
Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Tgt Ion:	88	Resp:	261478
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





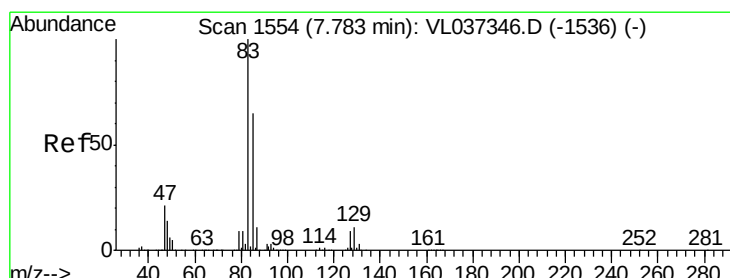
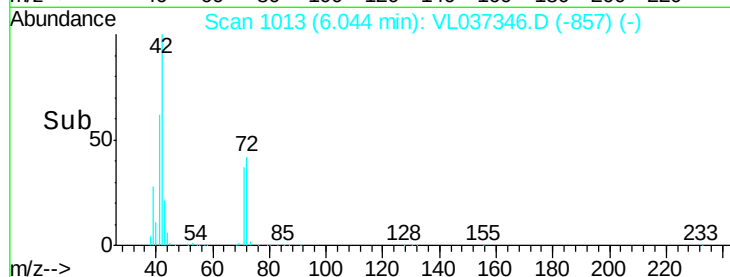
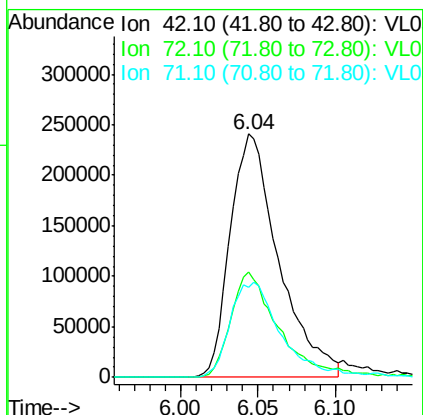
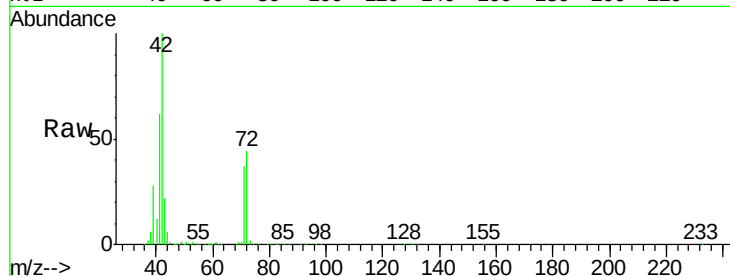
#41
Tetrahydrofuran
Concen: 10.001 ppbv
RT: 6.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.6	53.4
71	42.2	33.8	50.6

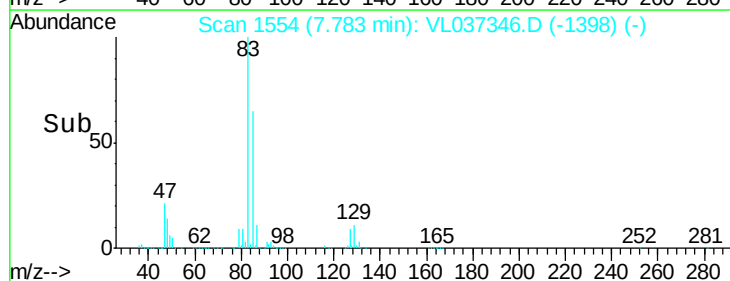
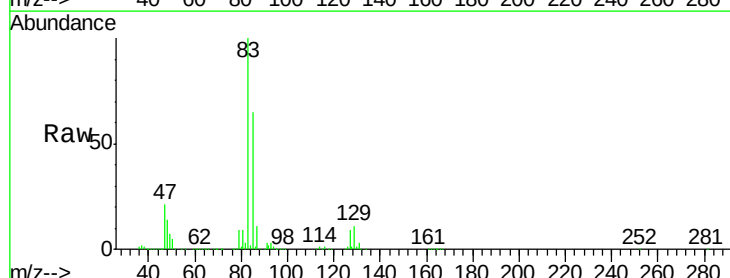
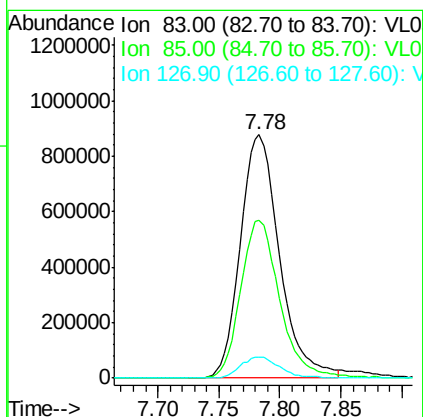
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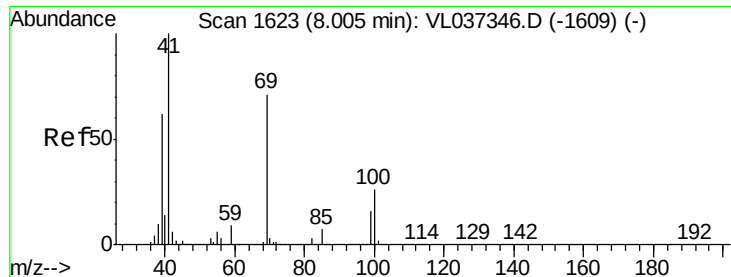
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#42
Bromodichloromethane
Concen: 10.646 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.1	78.1
127	8.8	7.0	10.6





#43

Methyl Methacrylate

Concen: 10.838 ppbv

RT: 8.01 min Scan# 1623

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 69 Resp: 857156

Ion Ratio Lower Upper

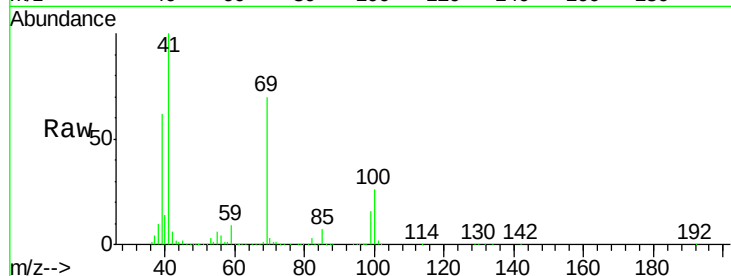
69 100

41 143.7 115.0 172.4

100 37.6 30.1 45.1

Manual Integrations
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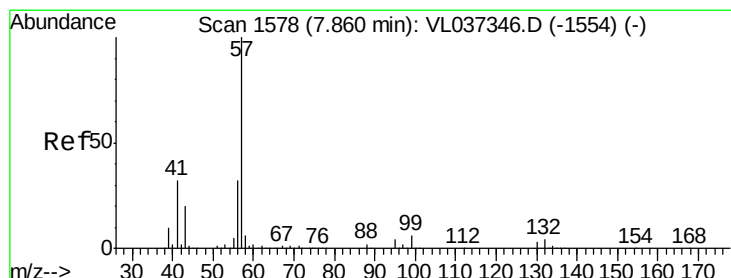
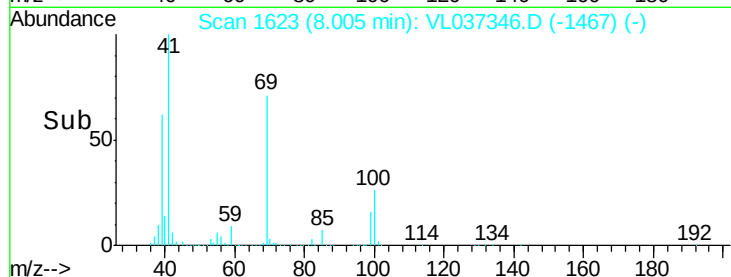
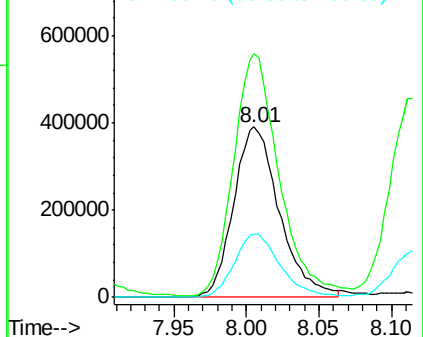
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Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 9.833 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

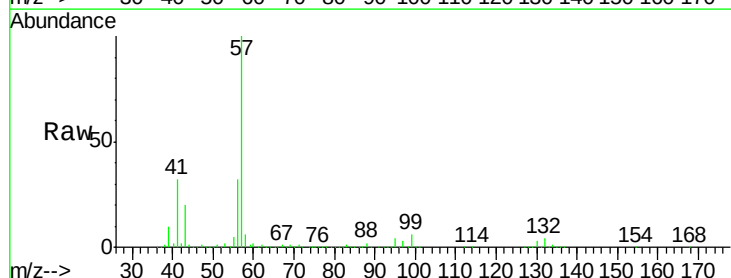
Tgt Ion: 57 Resp: 3995994

Ion Ratio Lower Upper

57 100

41 32.6 26.1 39.1

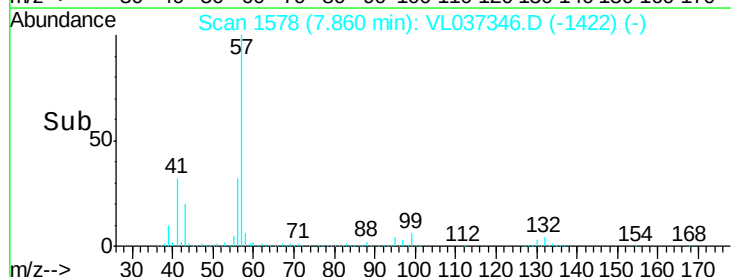
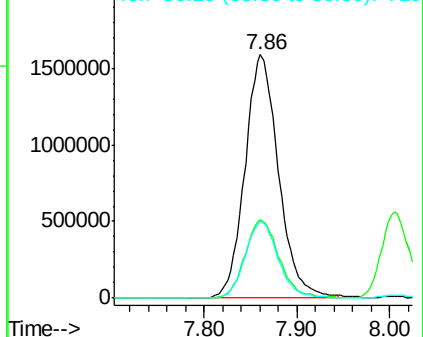
56 31.2 25.0 37.4

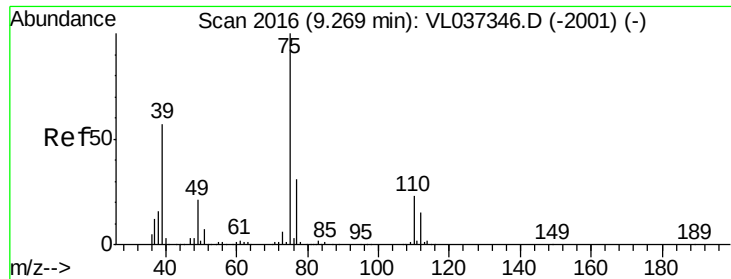


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





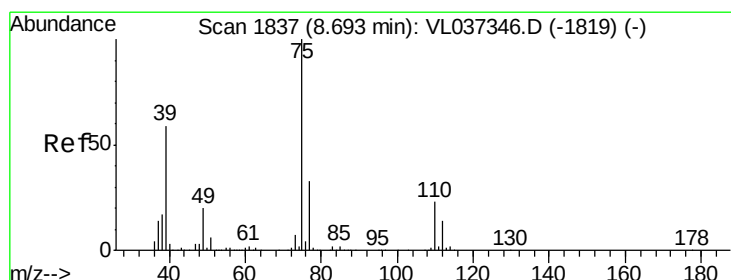
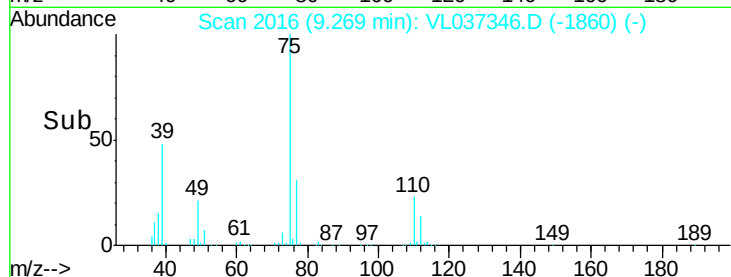
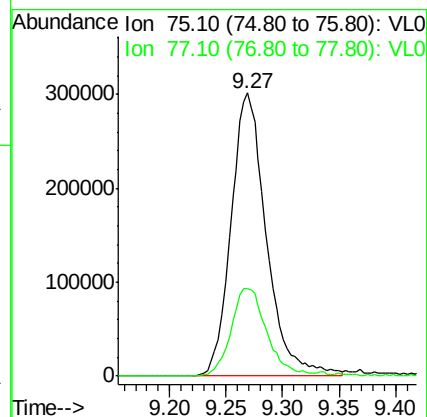
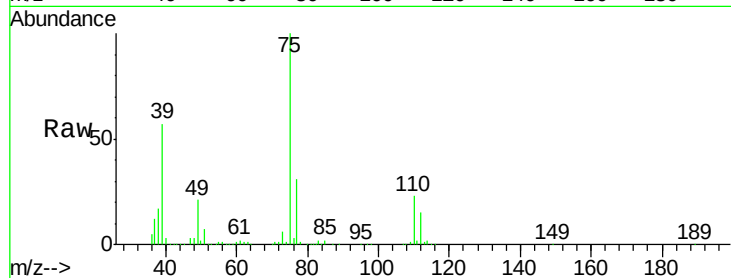
#45
t-1,3-Dichloropropene
Concen: 12.689 ppbv
RT: 9.27 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 75 Resp: 650742
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1

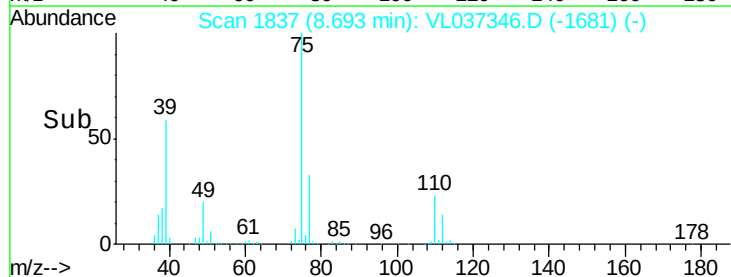
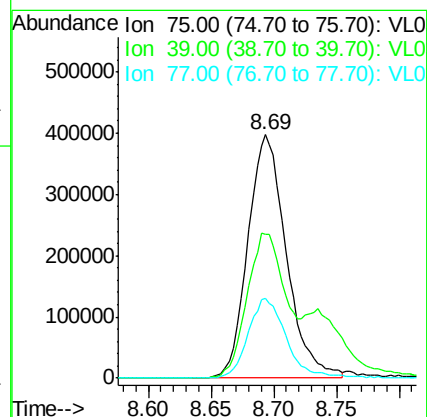
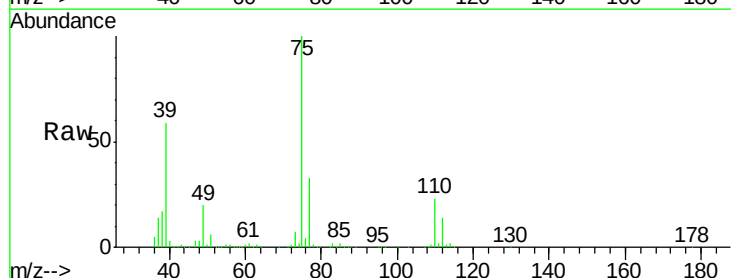
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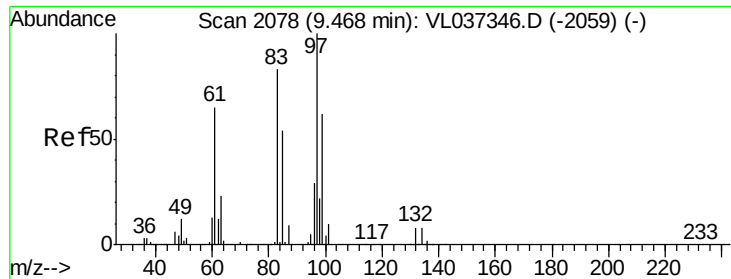
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 11.618 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion: 75 Resp: 847929
Ion Ratio Lower Upper
75 100
39 59.0 47.2 70.8
77 32.8 26.2 39.4





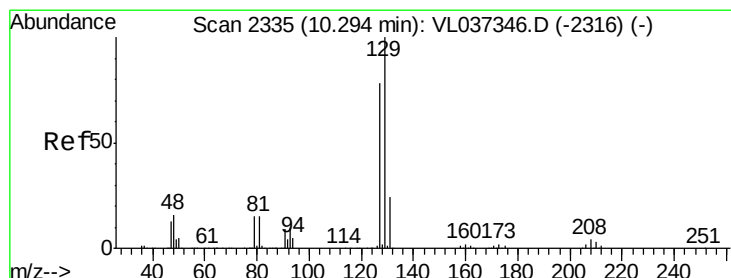
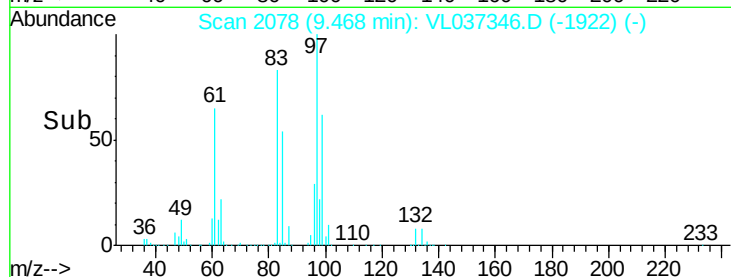
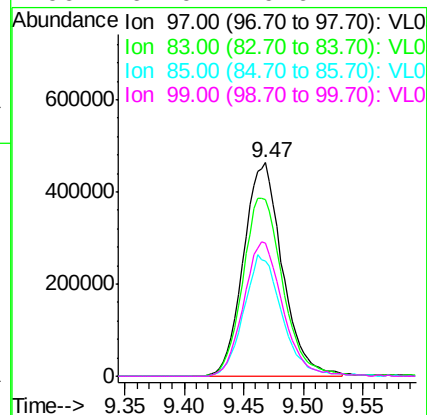
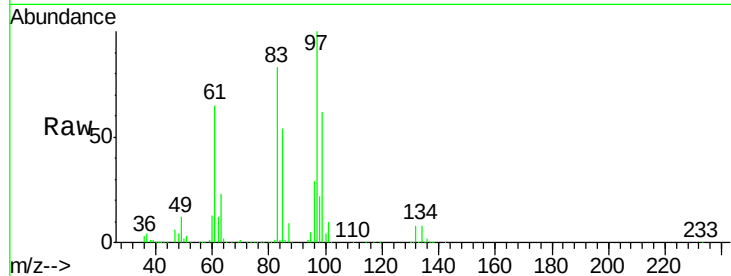
#47
 1,1,2-Trichloroethane
 Concen: 10.252 ppbv
 RT: 9.47 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	97	Resp	1048745
Ion	Ratio	Lower	Upper
97	100		
83	82.6	66.1	99.1
85	53.9	43.1	64.7
99	62.0	49.6	74.4

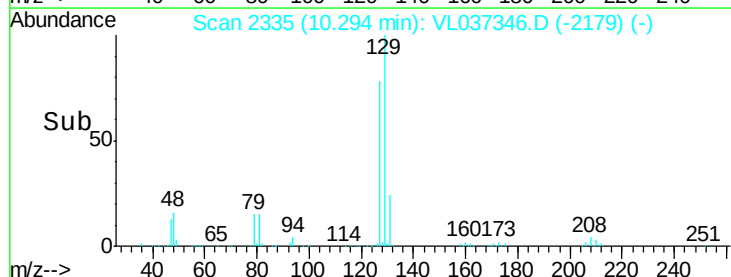
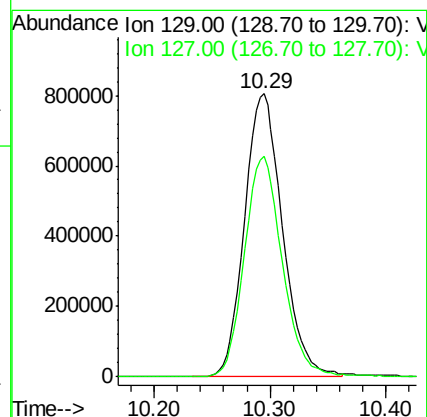
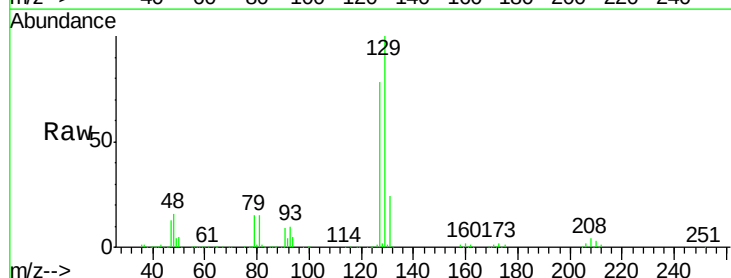
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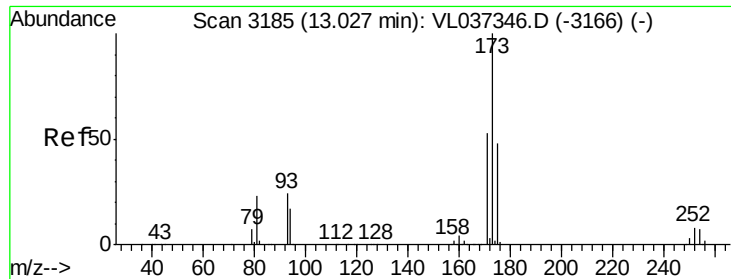
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#48
 Dibromochloromethane
 Concen: 11.606 ppbv
 RT: 10.29 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Tgt Ion	129	Resp	1833514
Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.3	117.8





#49

Bromoform

Concen: 13.082 ppbv

RT: 13.03 min Scan# 3185

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:173 Resp: 1512212

Ion Ratio Lower Upper

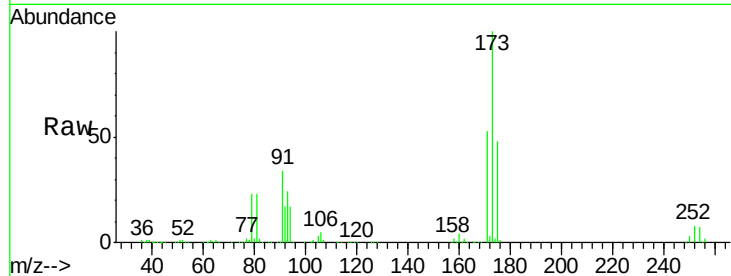
173 100

175 49.5 39.6 59.4

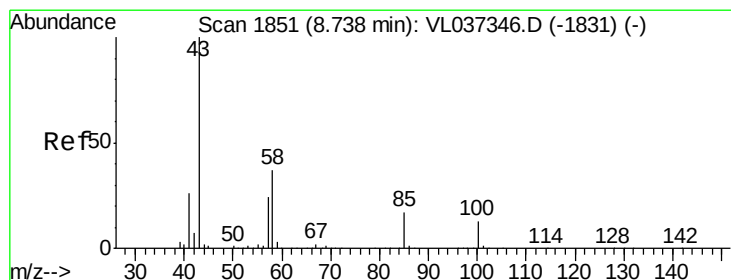
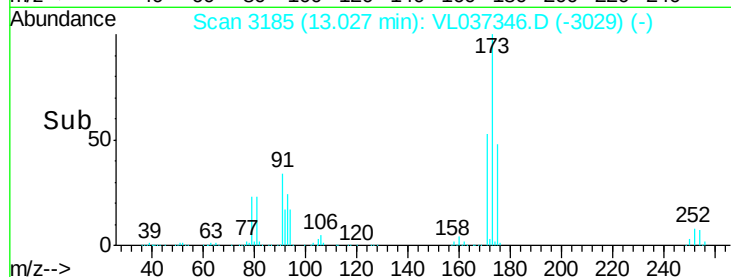
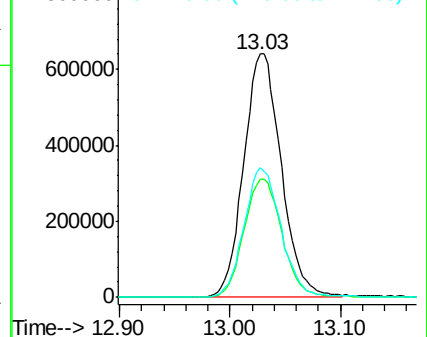
171 52.8 42.2 63.4

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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: 10.615 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VL037346.D

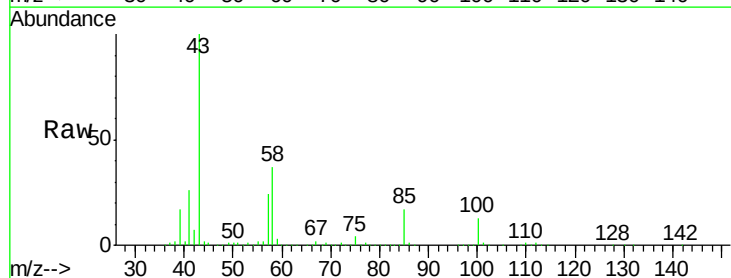
Acq: 6 Aug 2021 15:07

Tgt Ion: 43 Resp: 1549965

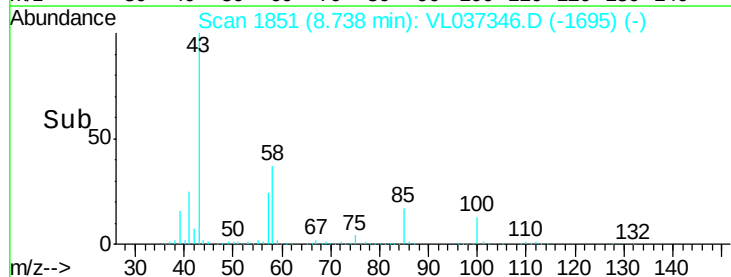
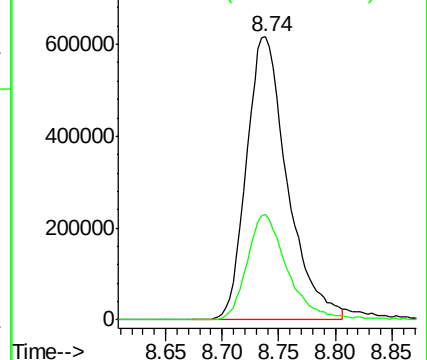
Ion Ratio Lower Upper

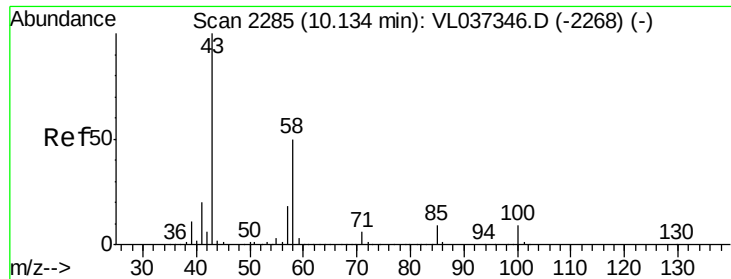
43 100

58 37.4 29.9 44.9



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





#51

2-Hexanone

Concen: 10.679 ppbv

RT: 10.13 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

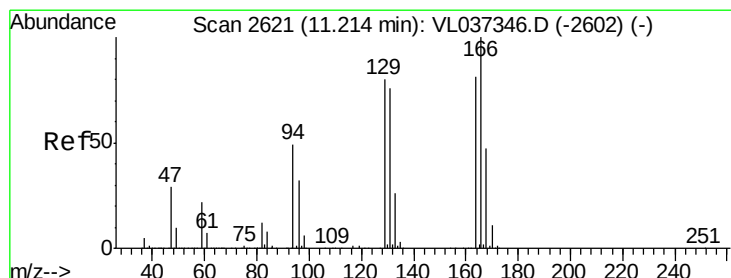
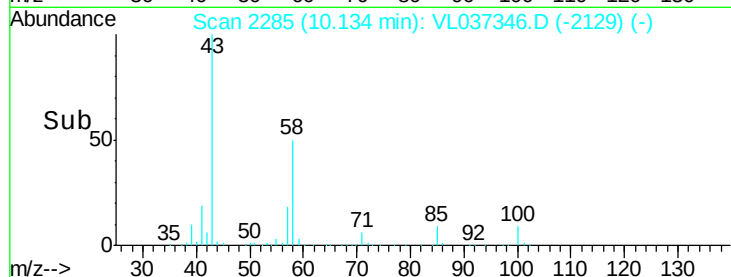
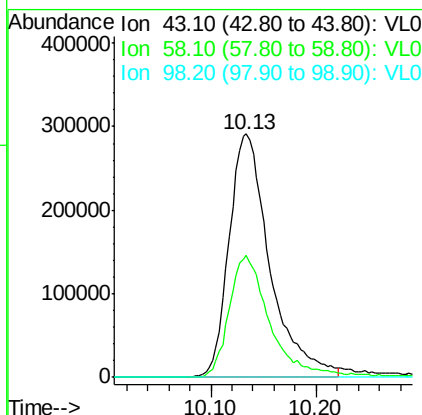
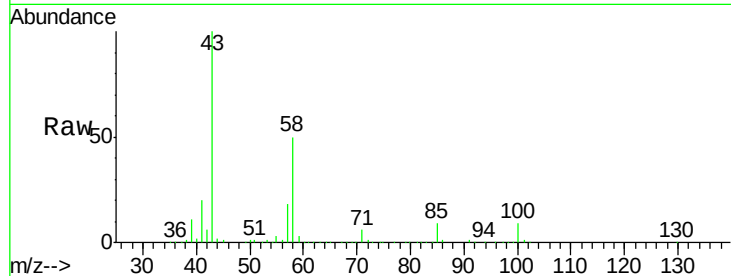
VSTDICCC010

Tot Ion: 43 Resp: 781277

Ion	Ratio	Lower	Upper
43	100		
58	51.3	40.4	60.6
98	0.2	0.4	0.6

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#52

Tetrachloroethene

Concen: 9.118 ppbv

RT: 11.21 min Scan# 2621

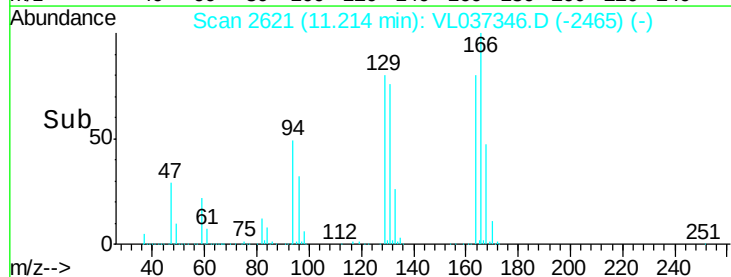
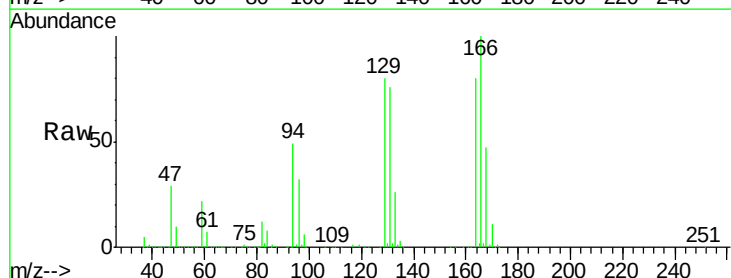
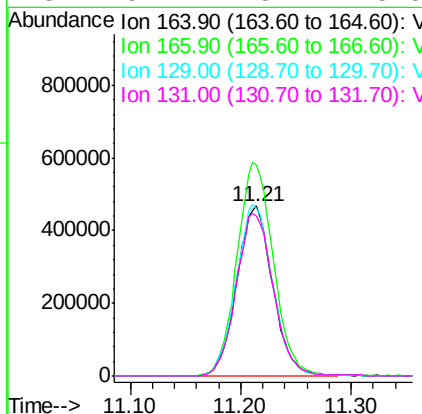
Delta R.T. 0.00 min

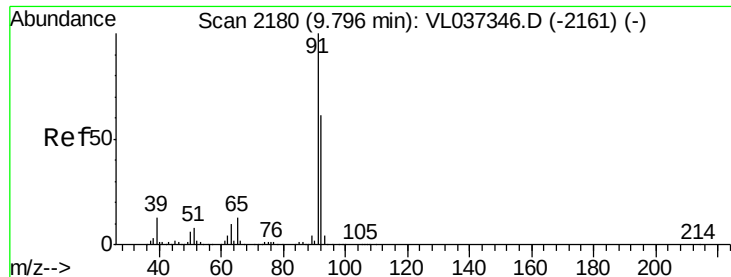
Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Tgt Ion:164 Resp: 1056863

Ion	Ratio	Lower	Upper
164	100		
166	124.2	99.4	149.0
129	99.0	79.2	118.8
131	94.2	75.4	113.0





#53

Toluene

Concen: 10.492 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 91 Resp: 2972425

Ion Ratio Lower Upper

91 100

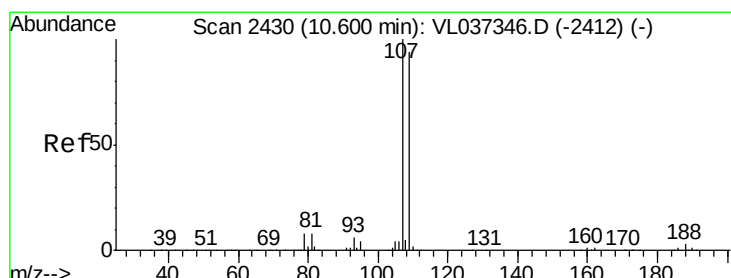
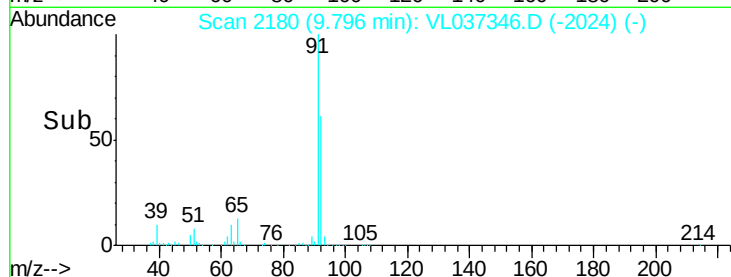
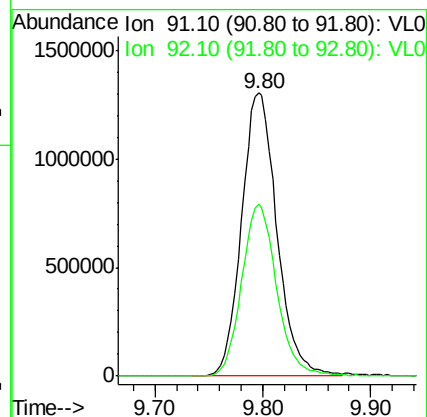
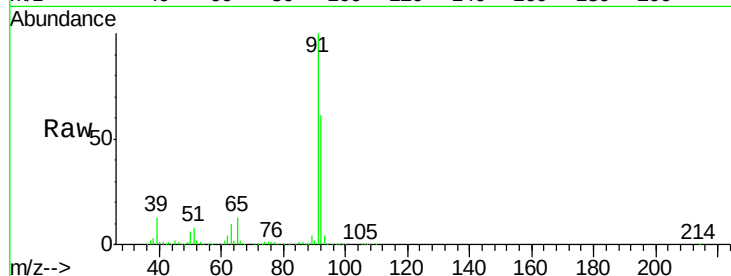
92 60.3 48.2 72.4

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 10.799 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VL037346.D

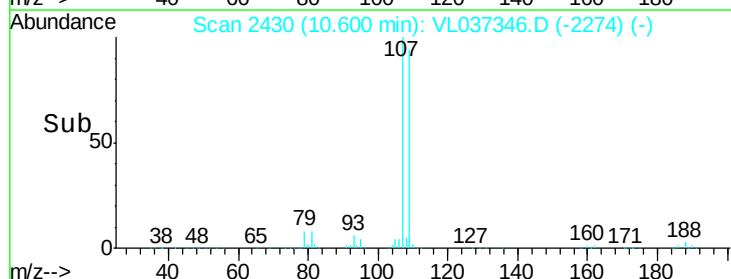
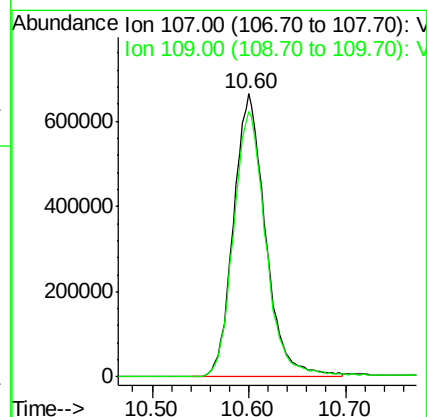
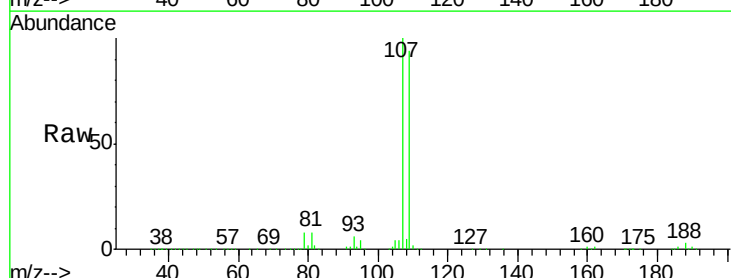
Acq: 6 Aug 2021 15:07

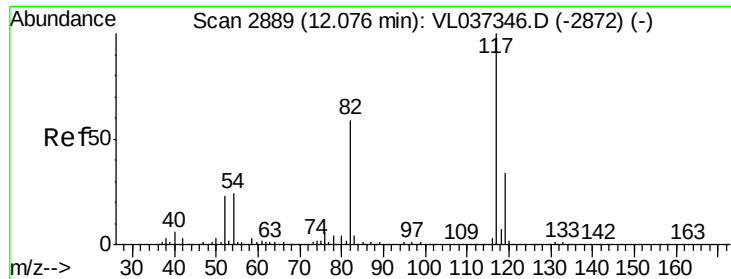
Tgt Ion: 107 Resp: 1526128

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7





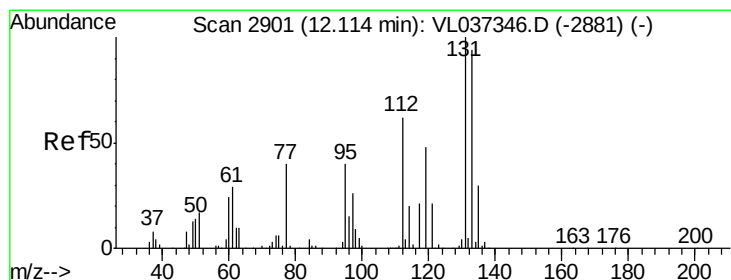
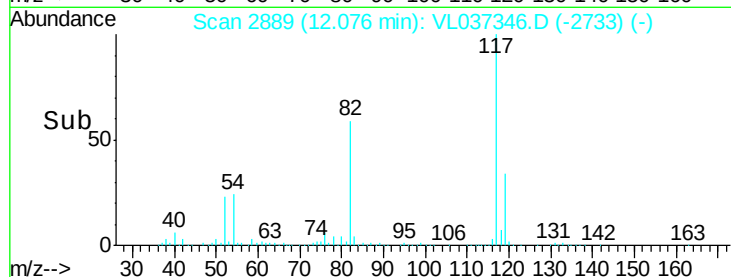
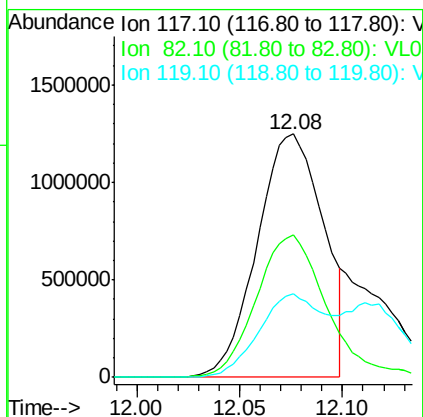
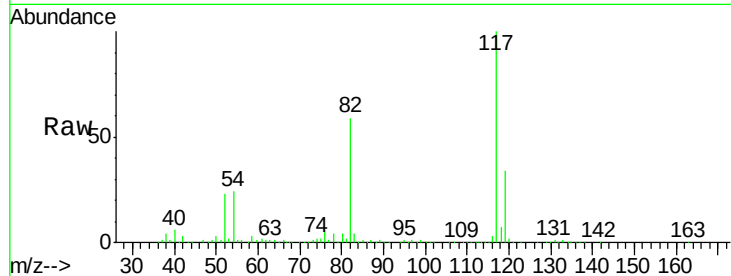
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion:117 Resp: 2787667
Ion Ratio Lower Upper
117 100
82 63.5 50.5 75.7
119 33.6 50.7 76.1#

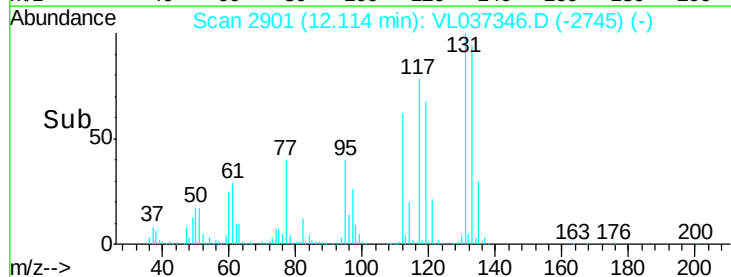
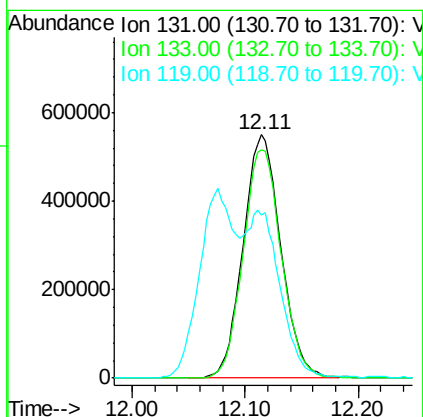
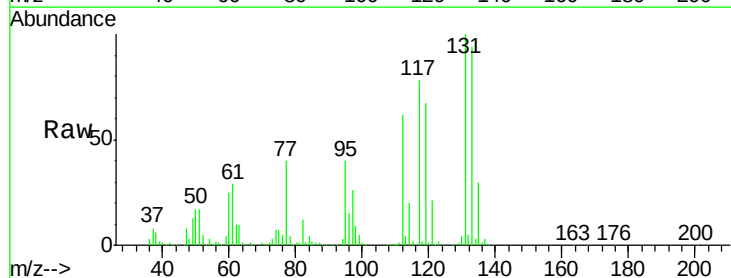
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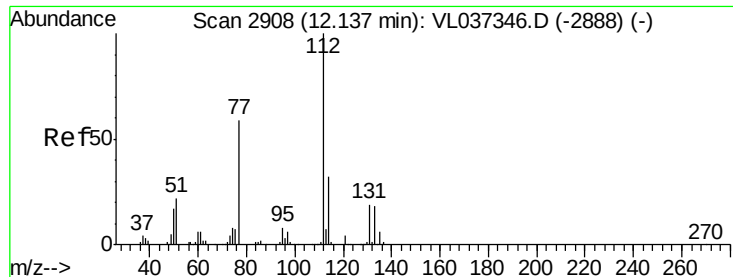
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#56
1,1,1,2-Tetrachloroethane
Concen: 11.404 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion:131 Resp: 1274591
Ion Ratio Lower Upper
131 100
133 95.7 76.6 114.8
119 64.7 111.0 166.4#





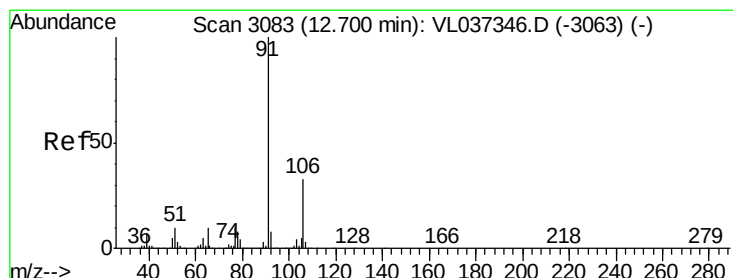
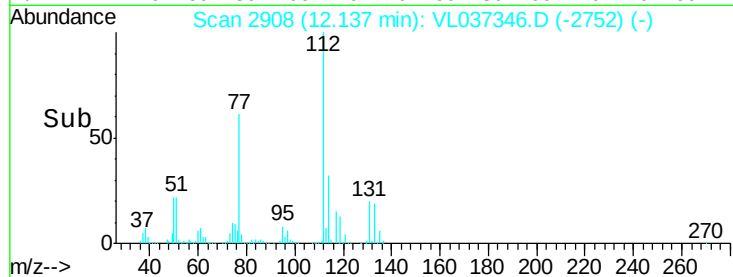
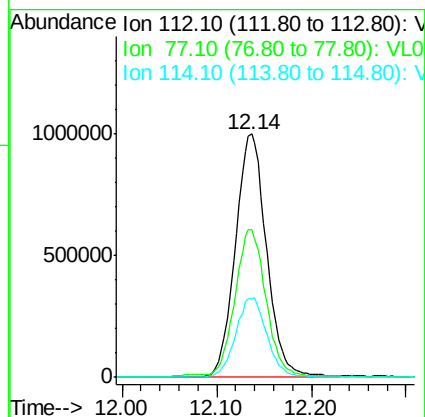
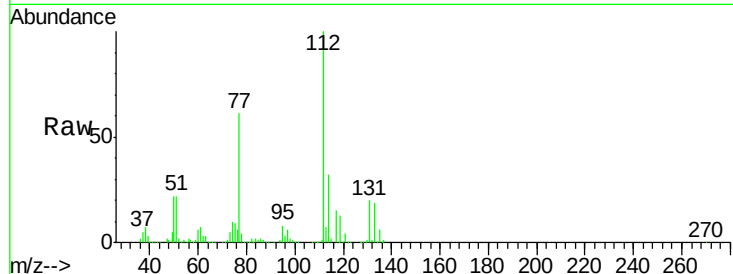
#57
Chlorobenzene
Concen: 11.045 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
112	100		
77	60.1	48.1	72.1
114	32.2	29.0	35.4

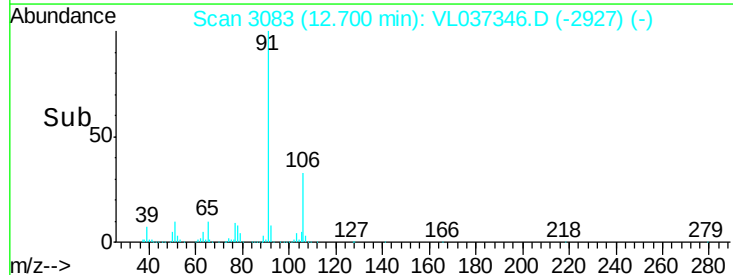
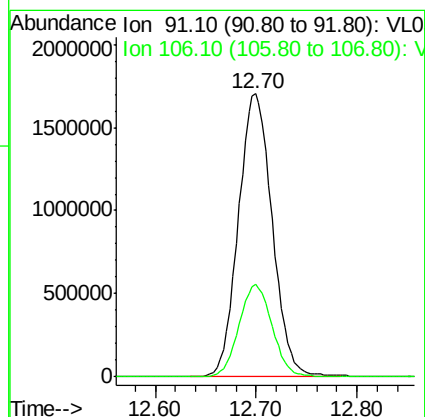
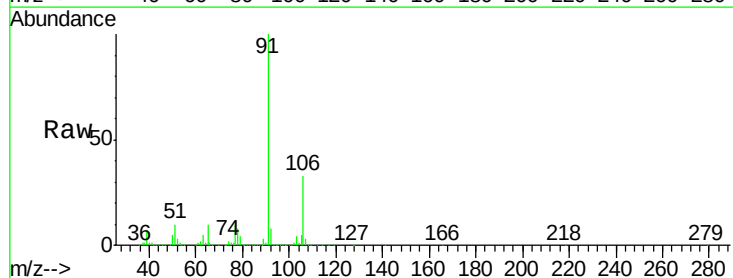
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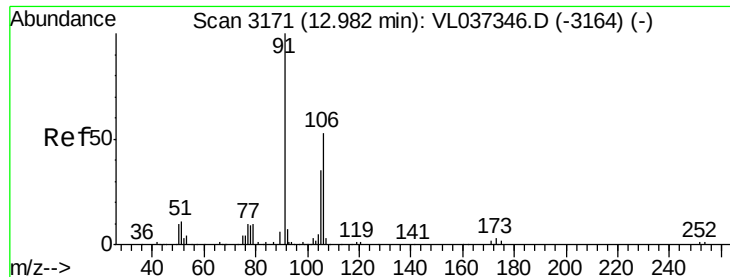
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#58
Ethyl Benzene
Concen: 11.488 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.7	26.2	39.2





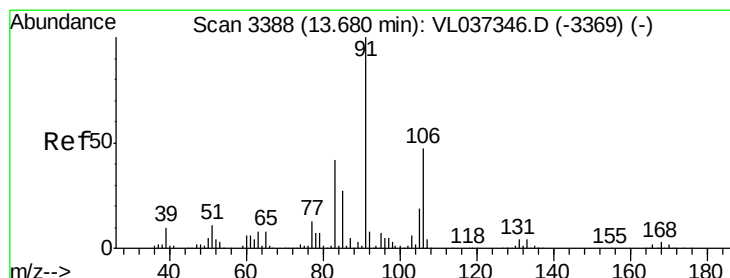
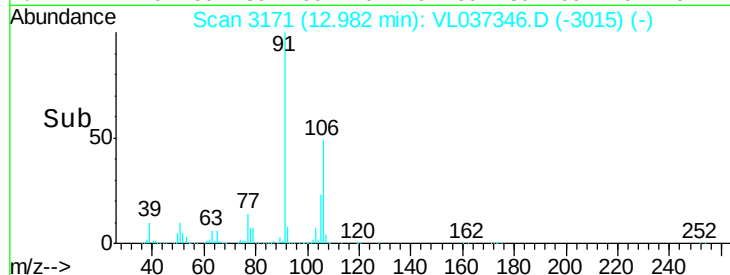
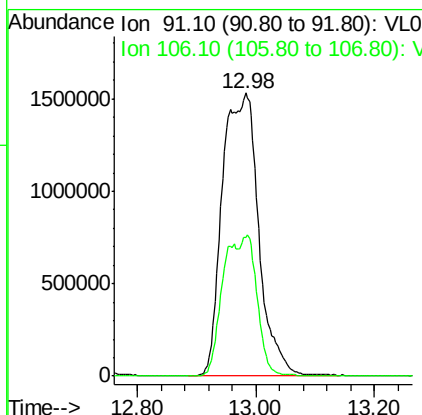
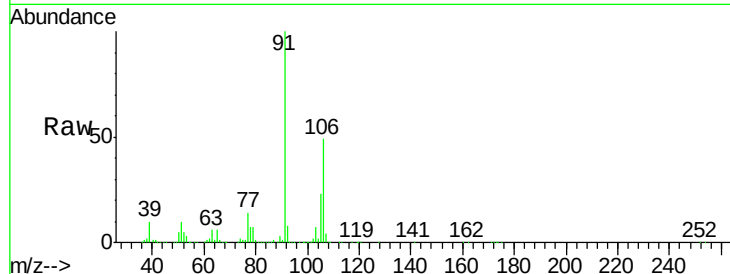
#59
m/p-Xylene
Concen: 23.081 ppbv m
RT: 12.98 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 91 Resp: 6559483
Ion Ratio Lower Upper
91 100
106 46.3 37.2 55.8

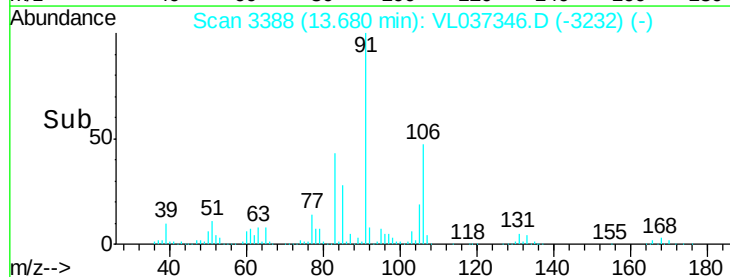
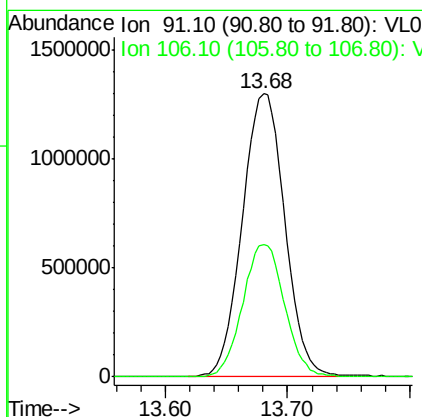
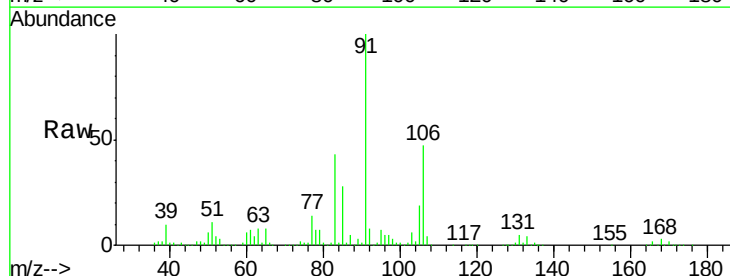
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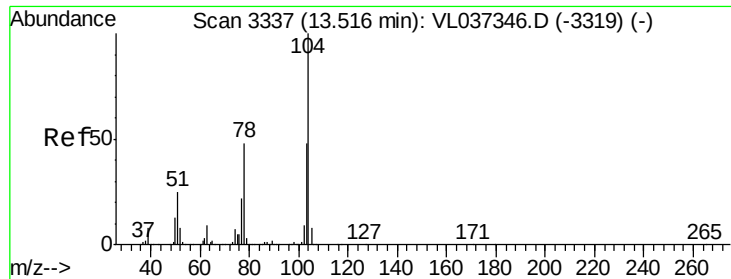
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#60
o-Xylene
Concen: 11.207 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion: 91 Resp: 3117253
Ion Ratio Lower Upper
91 100
106 46.2 23.2 69.5





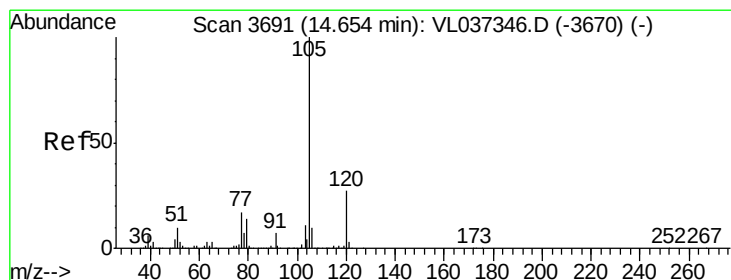
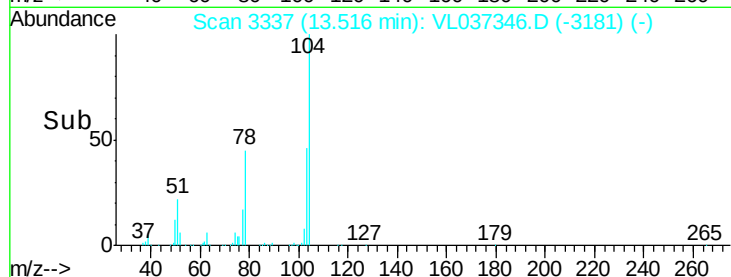
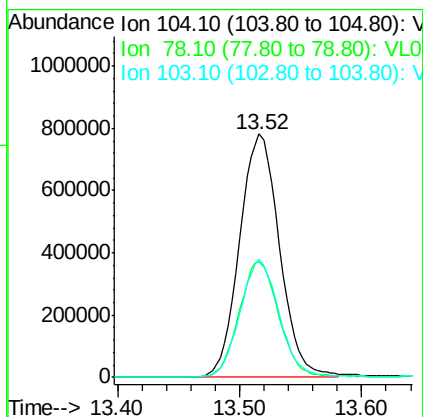
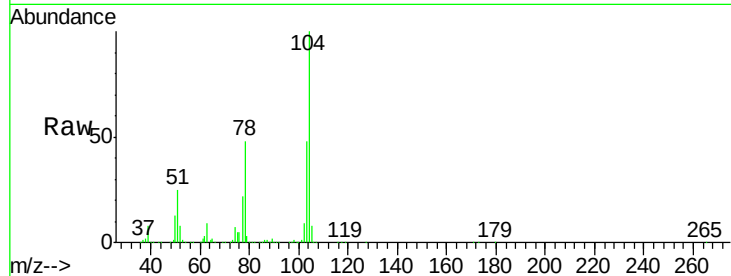
#61
Stvrene
Concen: 12.380 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.4	57.6
103	47.9	38.3	57.5

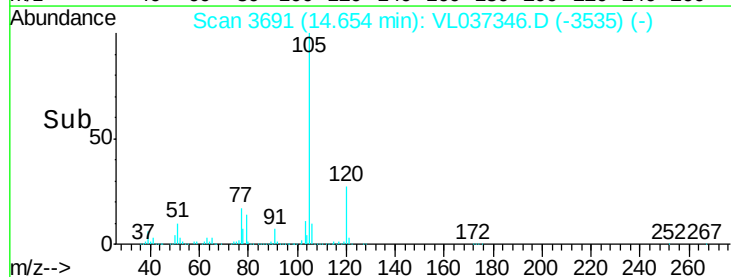
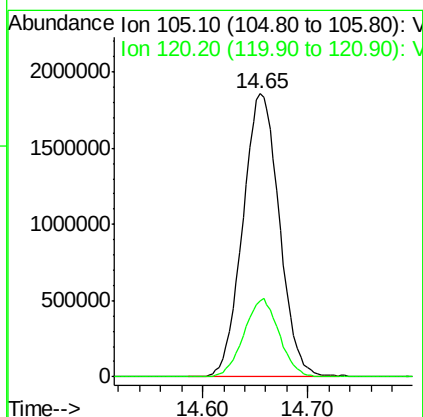
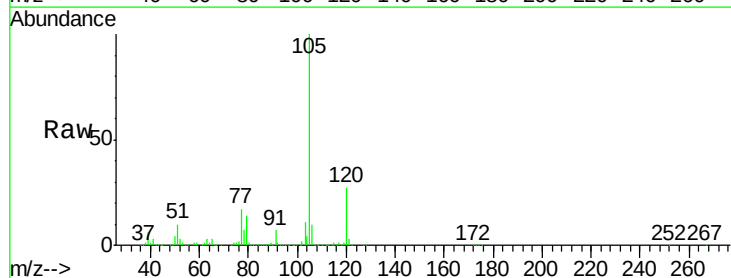
Manual Integrations
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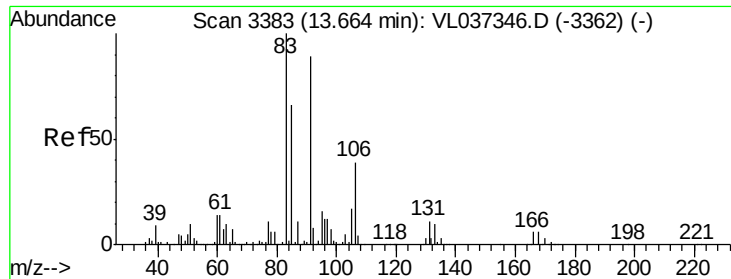
MMDadoda
8/10/2021 6:09:34 PM



#62
Isopropylbenzene
Concen: 10.901 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.4	32.2





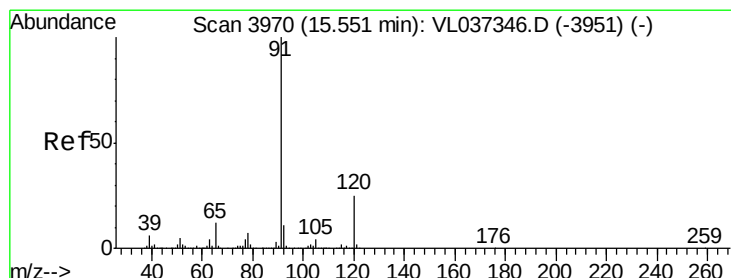
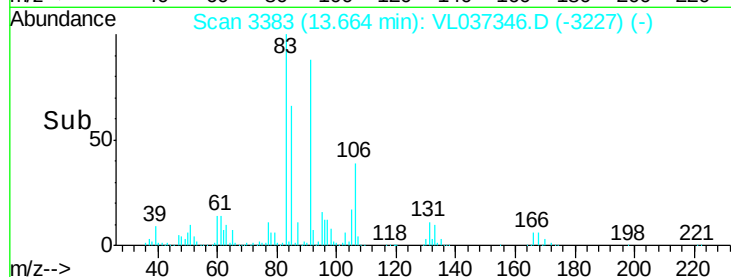
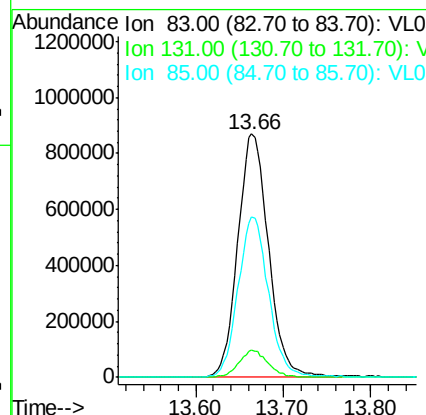
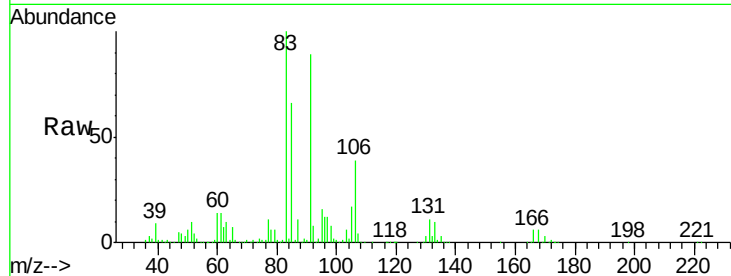
#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.509 ppbv
 RT: 13.66 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion: 83 Resp: 2118229
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 16.1
 85 66.1 33.1 99.2

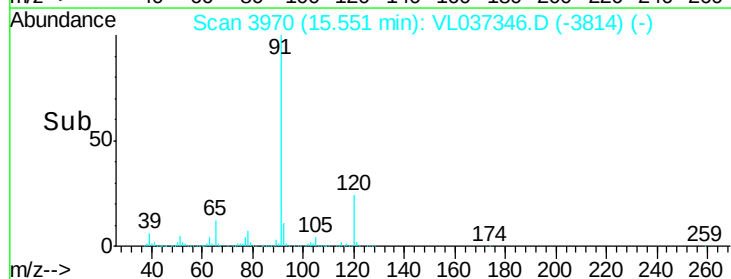
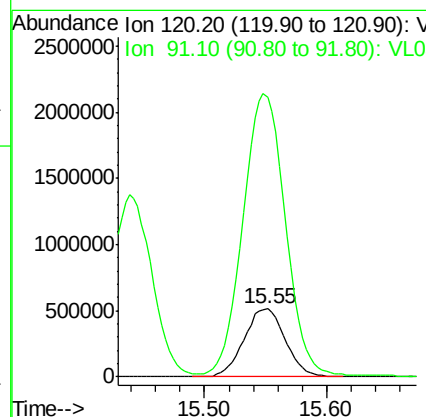
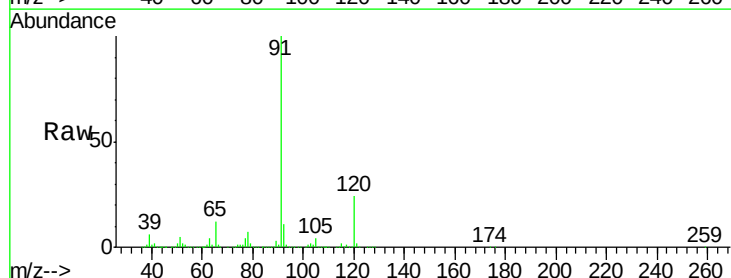
Manual Integrations
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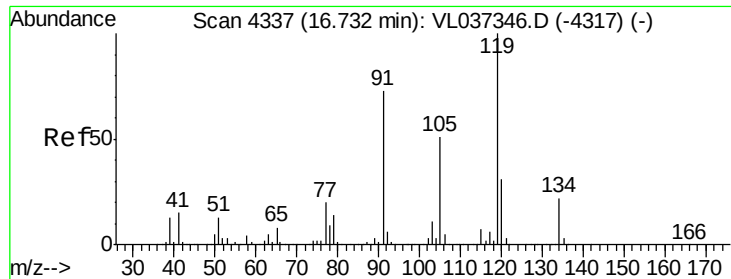
MMDadoda
 8/10/2021 6:09:34 PM



#64
 n-propylbenzene
 Concen: 11.594 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Tgt Ion: 120 Resp: 1201963
 Ion Ratio Lower Upper
 120 100
 91 430.8 345.0 517.4





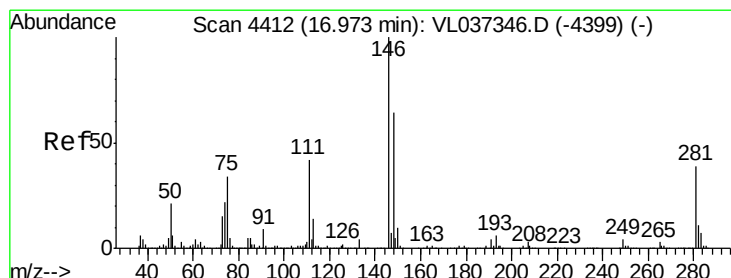
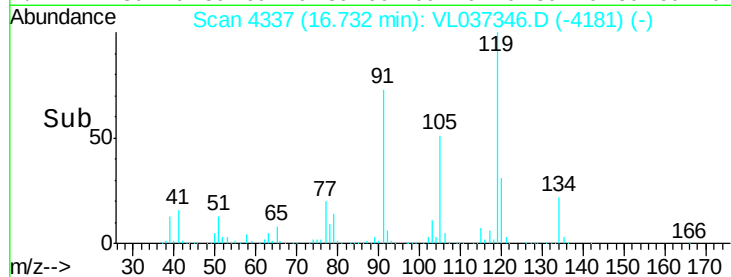
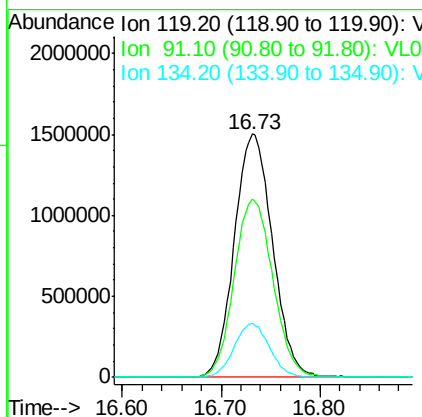
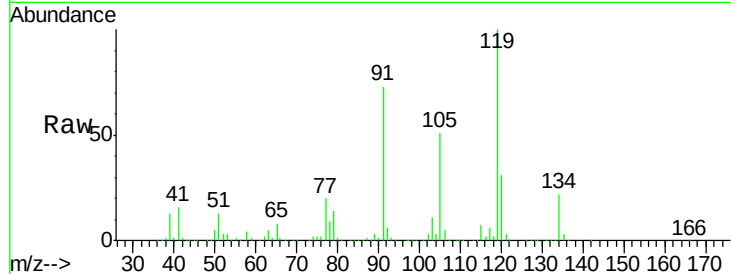
#65
 tert-Butylbenzene
 Concen: 10.719 ppbv
 RT: 16.73 min Scan# 4337
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:119 Resp: 4033966
 Ion Ratio Lower Upper
 119 100
 91 74.5 59.5 89.3
 134 20.7 16.6 25.0

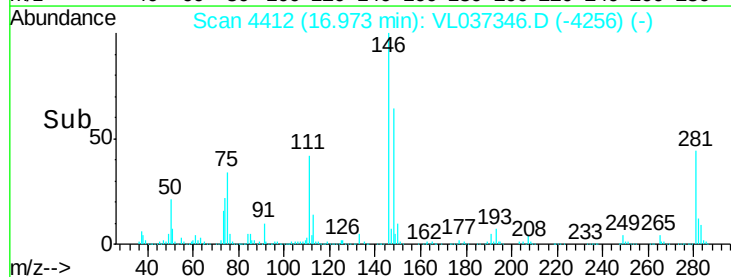
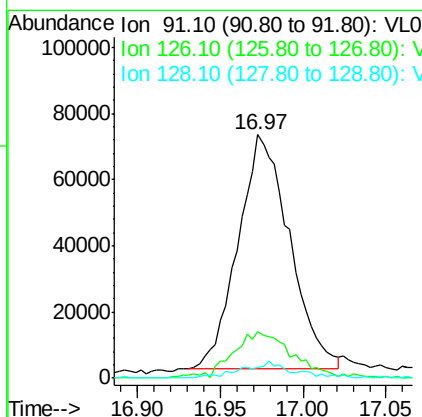
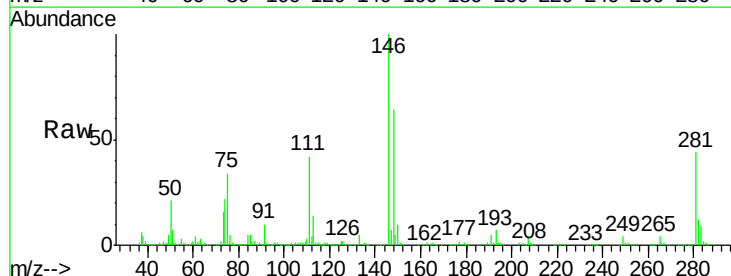
Manual Integrations
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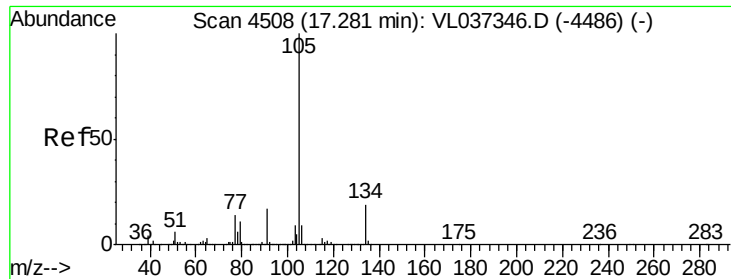
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#66
 Benzyl Chloride
 Concen: 10.135 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Tgt Ion: 91 Resp: 152227
 Ion Ratio Lower Upper
 91 100
 126 24.0 19.2 28.8
 128 7.2 5.8 8.8





#67

sec-Butylbenzene

Concen: 10.970 ppbv

RT: 17.28 min Scan# 4508

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:105 Resp: 5458957

Ion Ratio Lower Upper

105 100

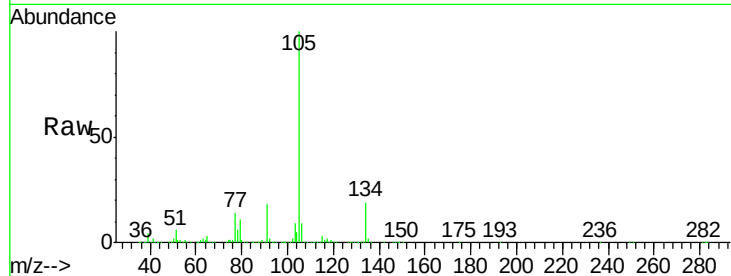
134 19.5 15.6 23.4

Manual Integrations

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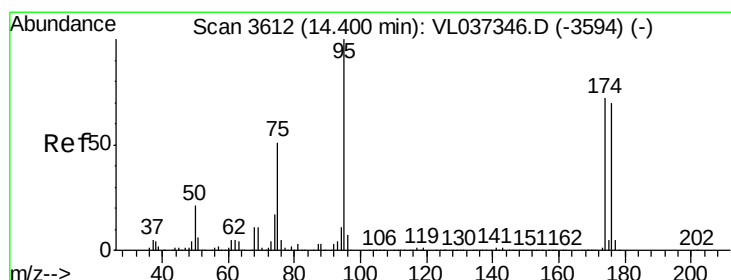
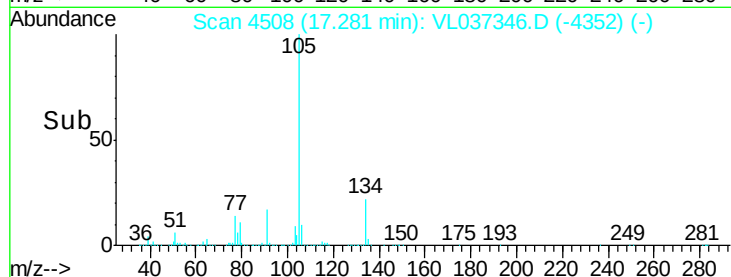
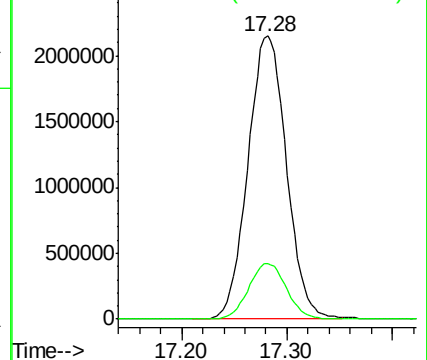
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 11.489 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

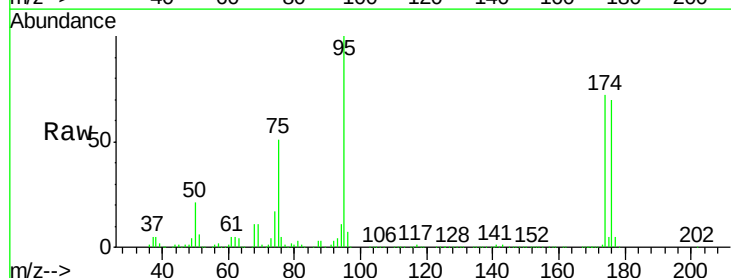
Tgt Ion: 95 Resp: 2167593

Ion Ratio Lower Upper

95 100

174 76.0 60.8 91.2

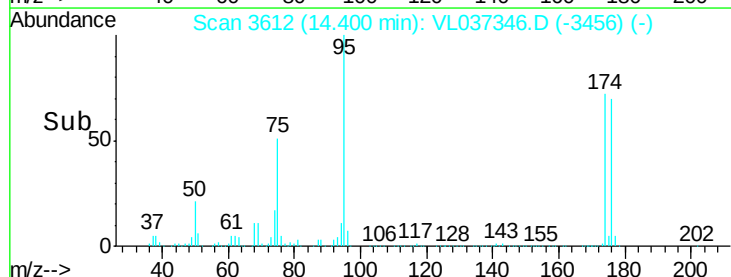
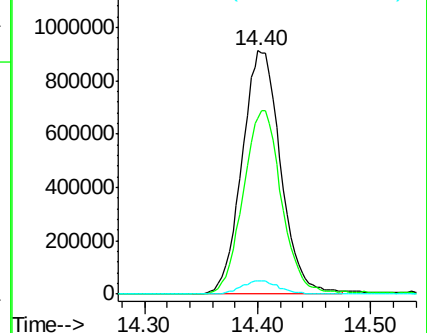
175 5.4 4.3 6.5

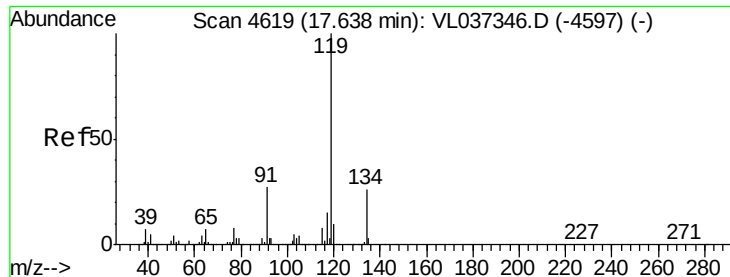


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





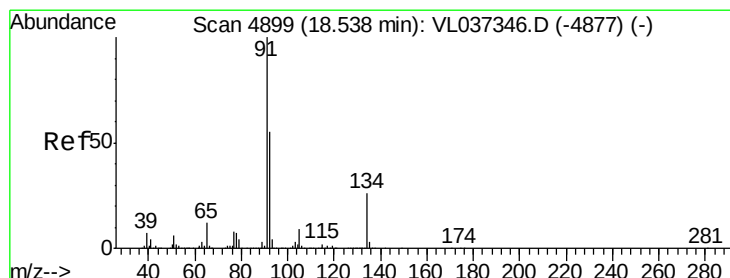
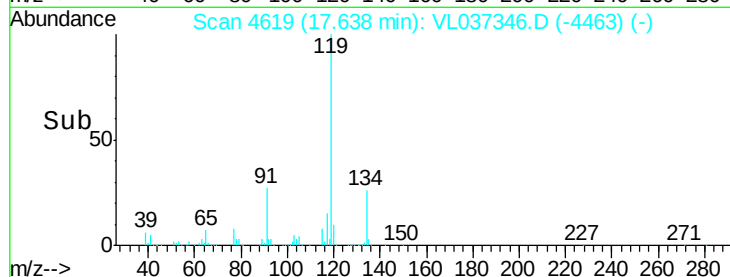
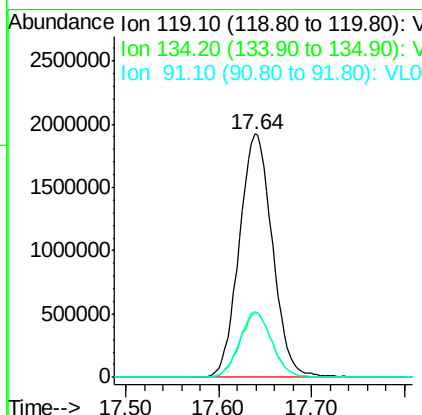
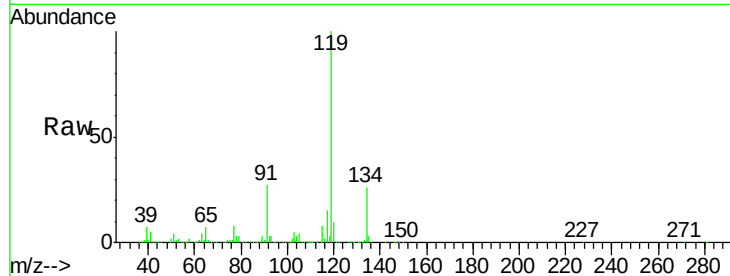
#69
 p-Isopropyltoluene
 Concen: 11.087 ppbv
 RT: 17.64 min Scan# 4619
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.8	31.2
91	26.3	21.0	31.6

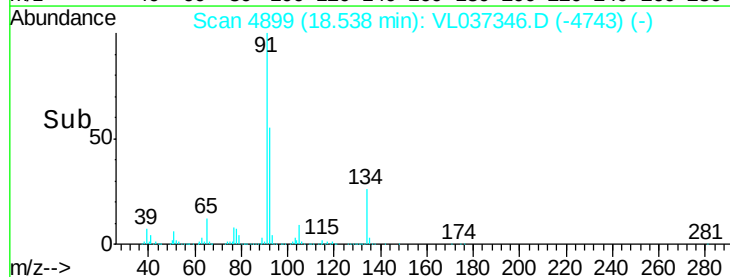
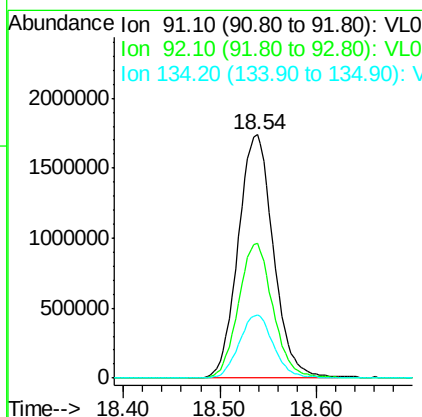
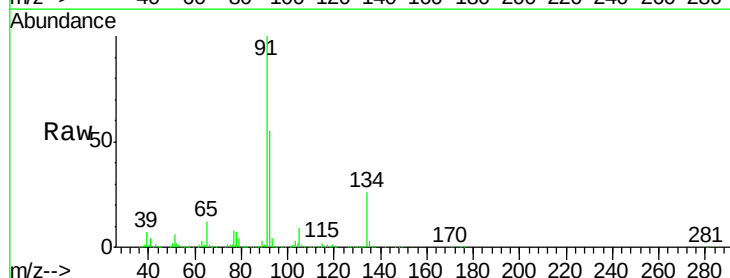
Manual Integrations
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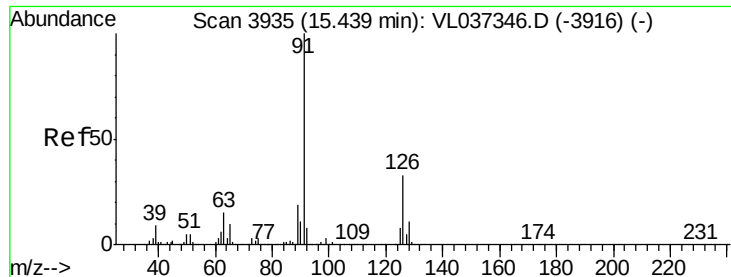
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#70
 n-Butylbenzene
 Concen: 11.525 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	43.7	65.5
134	25.5	20.4	30.6





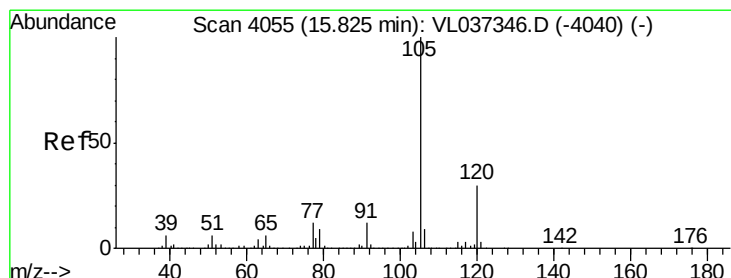
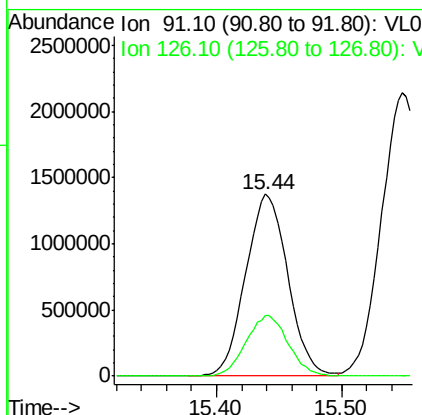
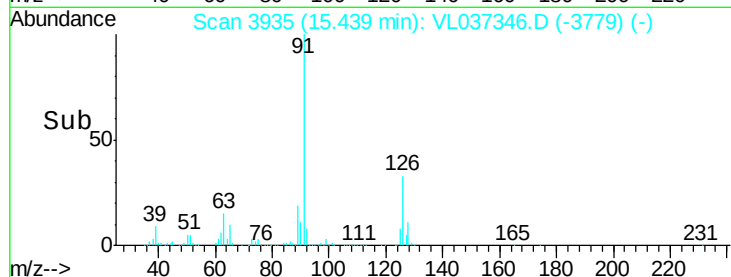
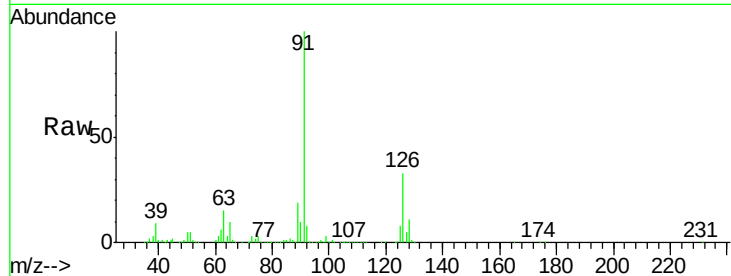
#71
 2-Chlorotoluene
 Concen: 11.735 ppbv
 RT: 15.44 min Scan# 3935
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion: 91 Resp: 3216147
 Ion Ratio Lower Upper
 91 100
 126 33.5 13.4 53.6

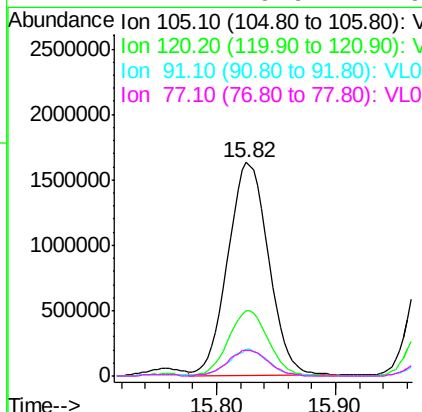
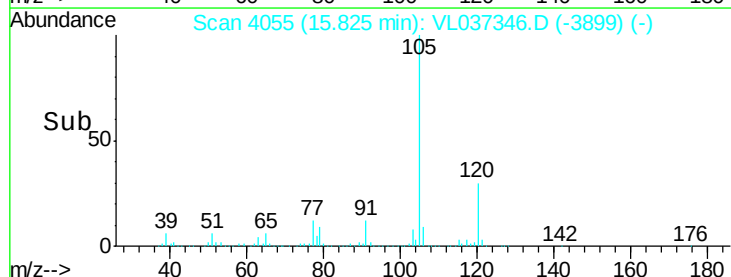
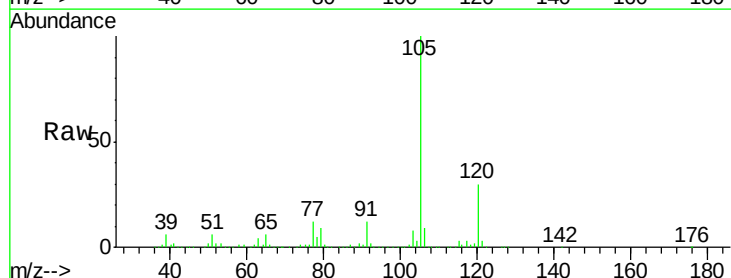
Manual Integrations
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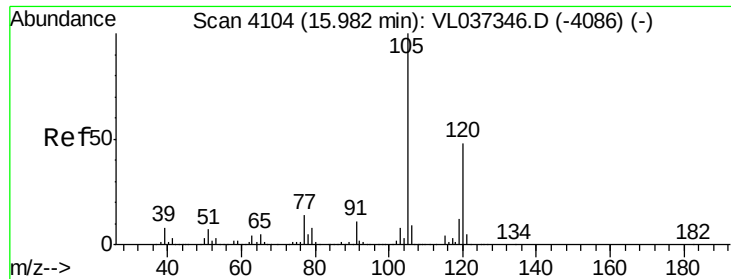
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#72
 4-Ethyltoluene
 Concen: 11.722 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Tgt Ion: 105 Resp: 3846795
 Ion Ratio Lower Upper
 105 100
 120 30.5 24.4 36.6
 91 12.2 9.8 14.6
 77 12.4 9.9 14.9





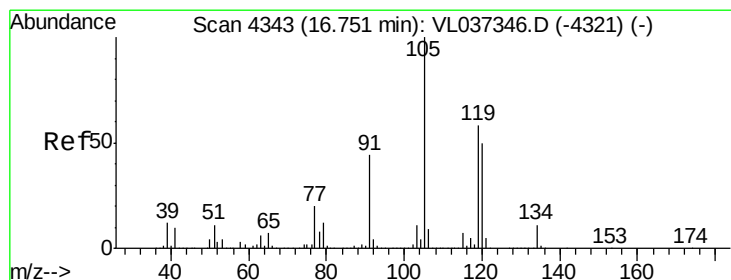
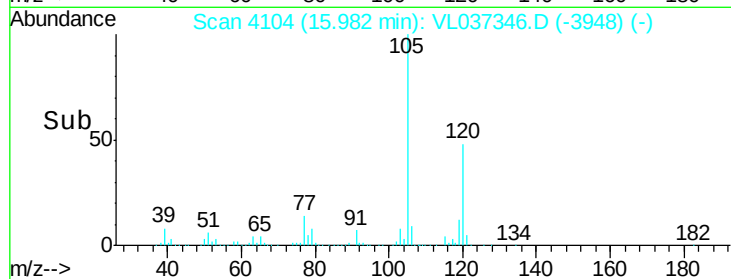
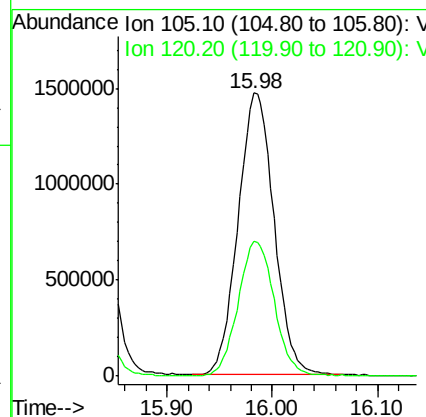
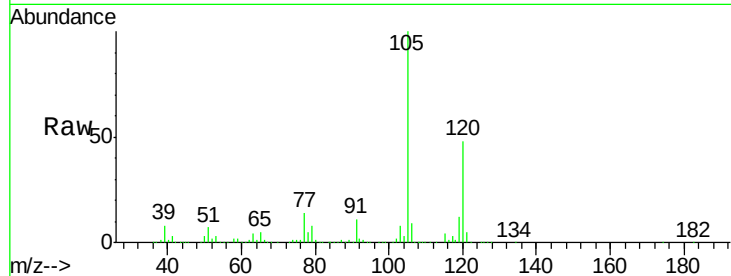
#73
 1,3,5-Trimethylbenzene
 Concen: 11.149 ppbv
 RT: 15.98 min Scan# 4104
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:105 Resp: 3464572
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.1 57.1

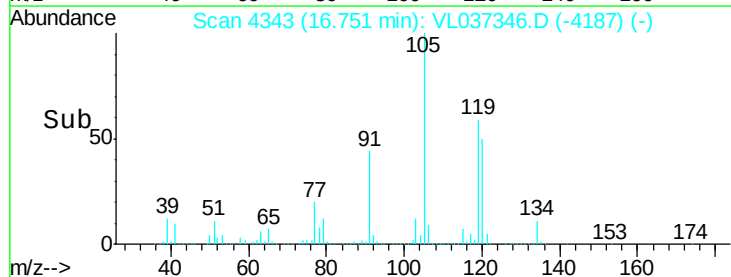
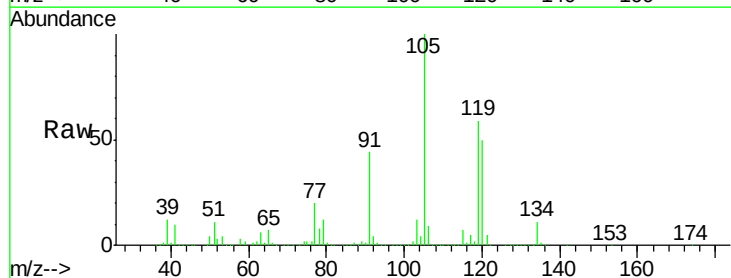
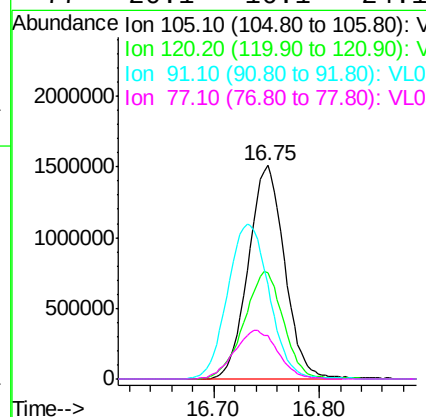
Manual Integrations
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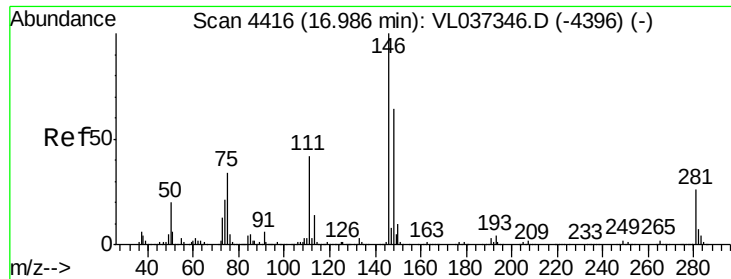
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#74
 1,2,4-Trimethylbenzene
 Concen: 11.080 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Tgt Ion:105 Resp: 3615448
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.7 59.5
 91 43.8 35.0 52.6
 77 20.1 16.1 24.1





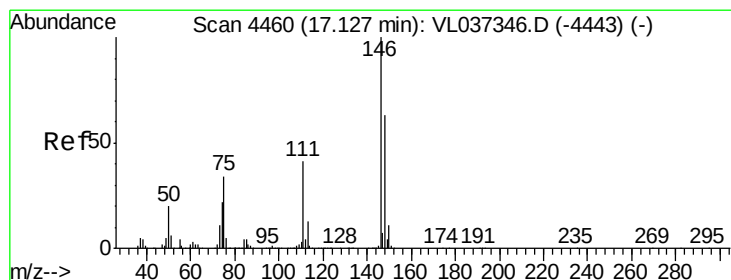
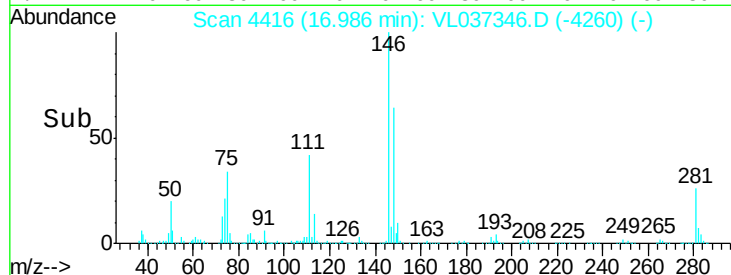
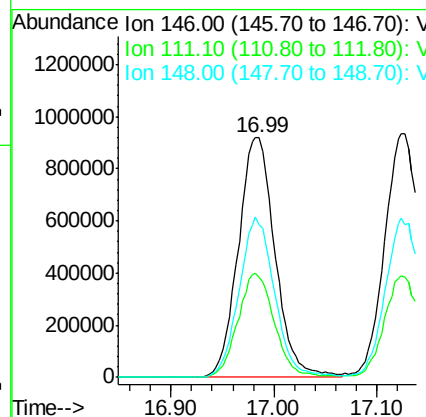
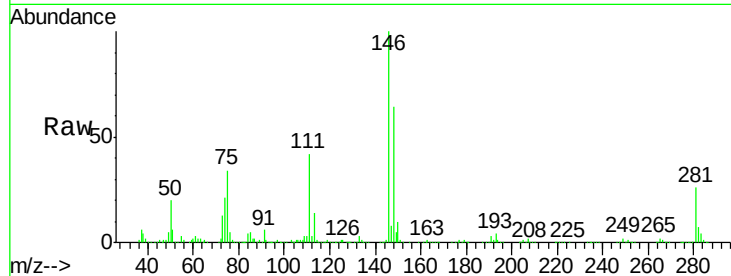
#75
 1,3-Dichlorobenzene
 Concen: 11.040 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	64.4	32.2	96.6

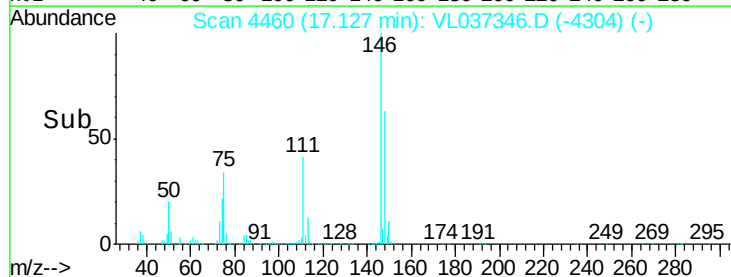
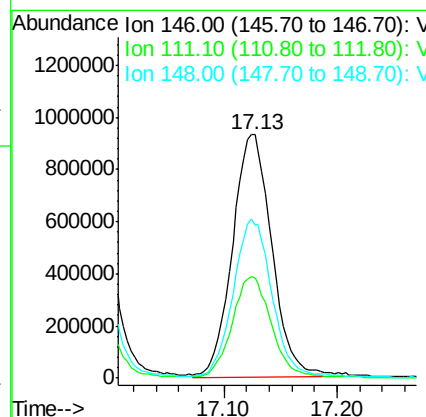
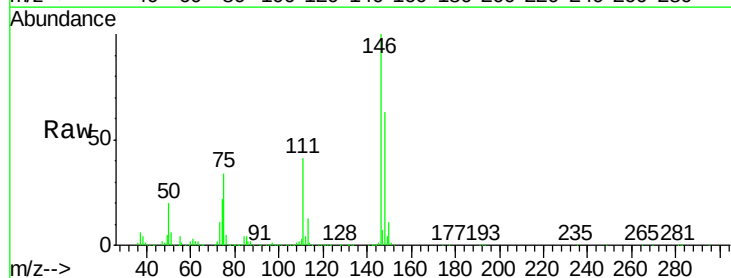
Manual Integrations
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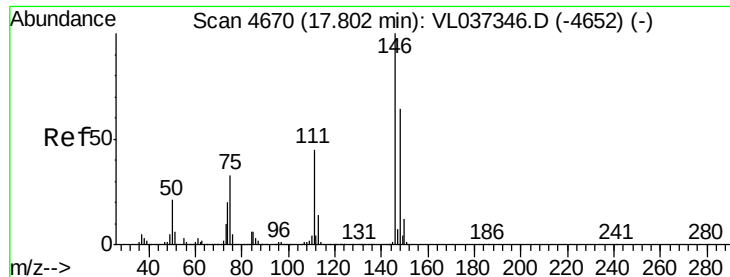
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#76
 1,4-Dichlorobenzene
 Concen: 11.155 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	65.6	32.6	97.7





#77

1,2-Dichlorobenzene

Concen: 10.936 ppbv

RT: 17.80 min Scan# 4670

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:146 Resp: 2193155

Ion Ratio Lower Upper

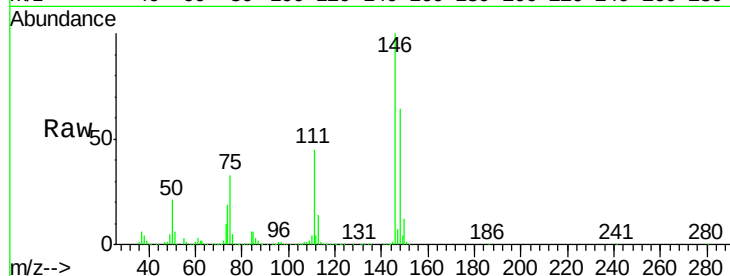
146 100

111 44.8 22.4 67.2

148 65.7 33.0 99.0

Manual Integrations
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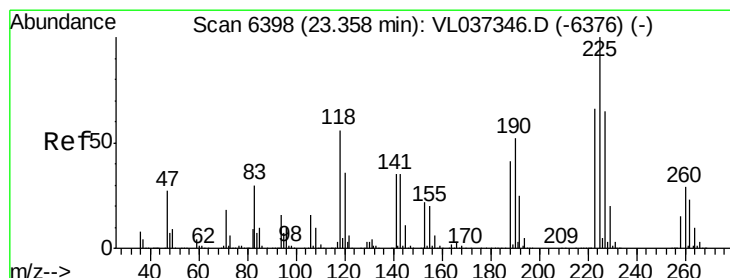
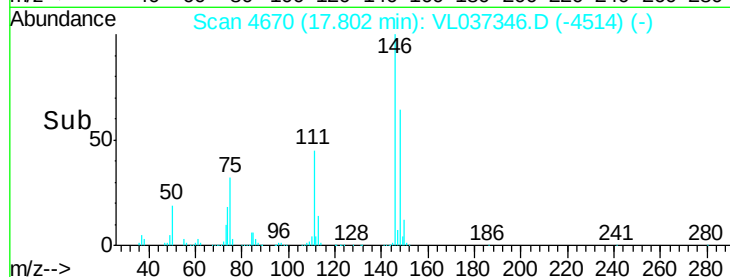
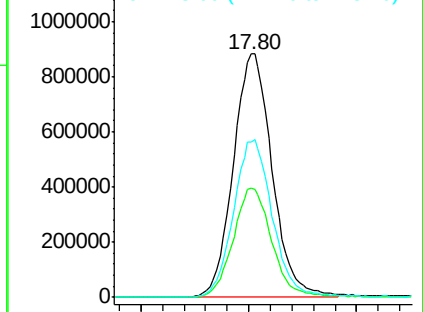
MMDadoda
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Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 10.054 ppbv

RT: 23.36 min Scan# 6398

Delta R.T. 0.00 min

Lab File: VL037346.D

Acq: 6 Aug 2021 15:07

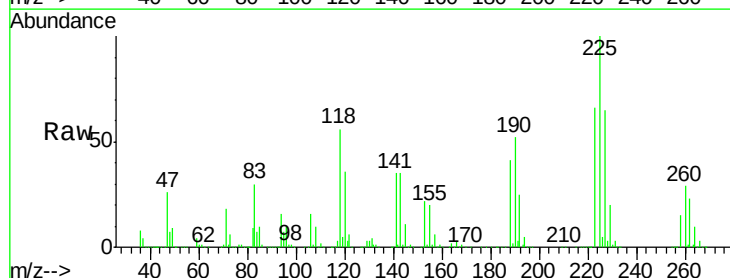
Tgt Ion:225 Resp: 1600888

Ion Ratio Lower Upper

225 100

223 64.1 51.4 77.0

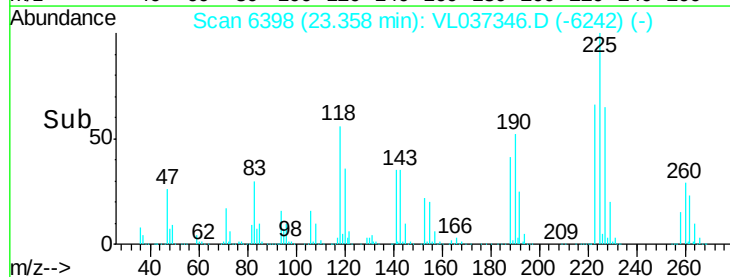
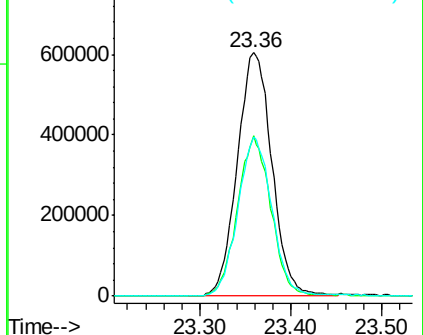
227 64.5 51.8 77.6

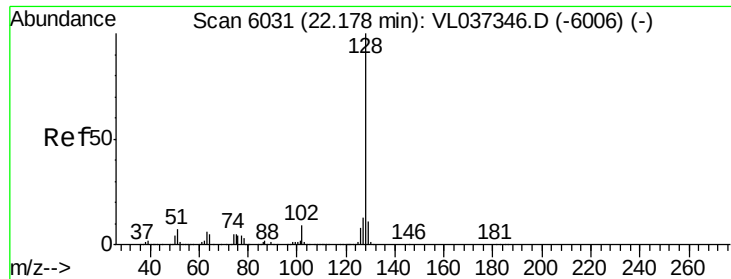


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





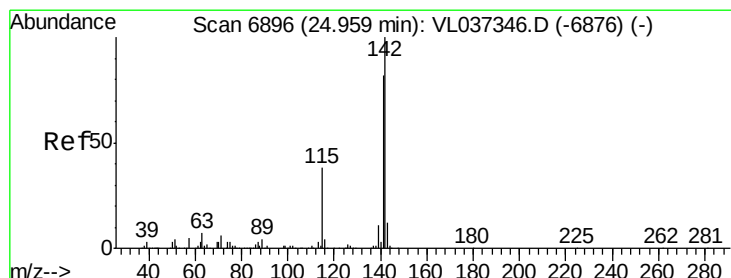
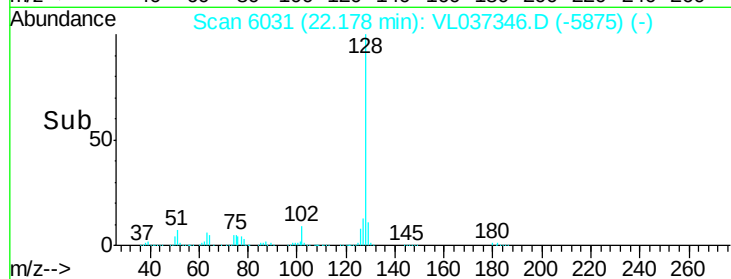
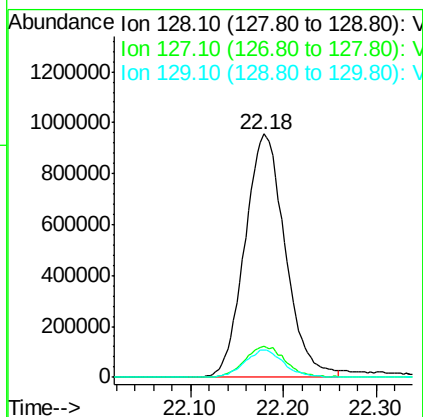
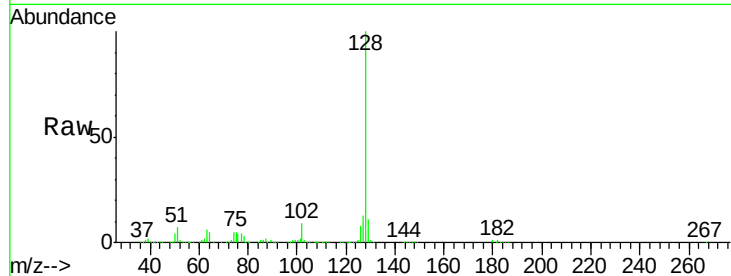
#79
Naphthalene
Concen: 12.679 ppbv
RT: 22.18 min Scan# 6031
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

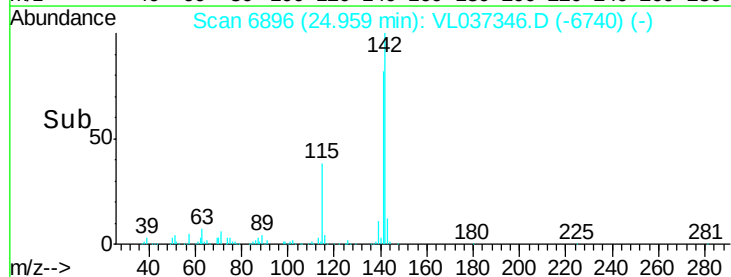
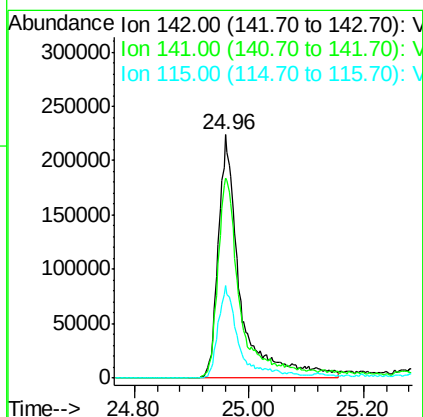
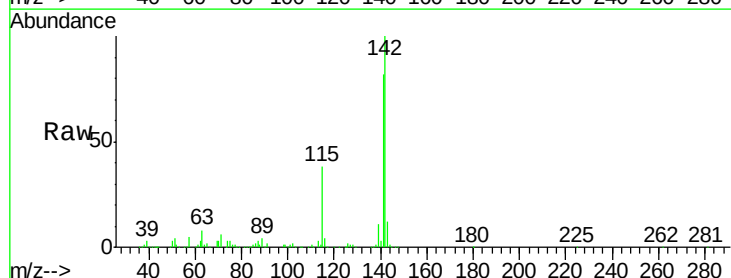
Manual Integrations
APPROVED

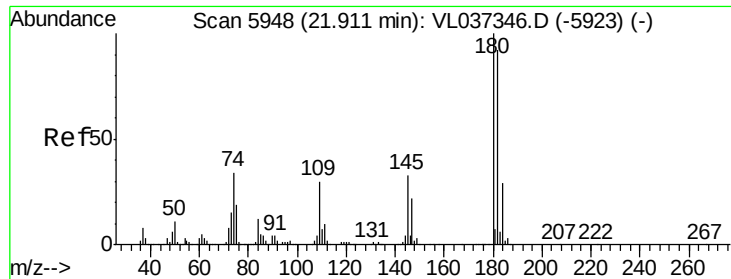
MMDadoda
8/10/2021 6:09:34 PM



#80
Naphthalene, 2-methyl-
Concen: 14.521 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. 0.00 min
Lab File: VL037346.D
Acq: 6 Aug 2021 15:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.0	68.4	102.6
115	36.8	30.0	45.0





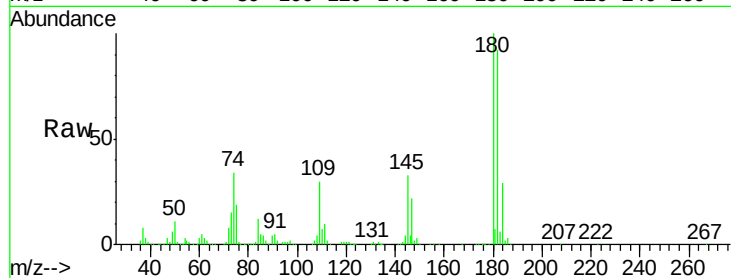
#81
 1,2,4-Trichlorobenzene
 Concen: 11.568 ppbv
 RT: 21.91 min Scan# 5948
 Delta R.T. 0.00 min
 Lab File: VL037346.D
 Acq: 6 Aug 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.1	117.1
184	31.1	24.9	37.3

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 6:09:34 PM



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

