

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
 Data File : VL037617.D
 Acq On : 16 Sep 2021 14:01
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL091621

Manual Integrations
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MMDadoda
 9/20/2021 5:27:00 PM

Quant Time: Sep 17 05:34:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu 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	1688513	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4955911	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	4439064m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3219859	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.04	85	2354925	7.707	ppbv	100
3) Chlorodifluoromethane	2.98	51	2962815	9.303	ppbv	99
4) Chloromethane	3.13	50	1135893	9.653	ppbv	97
5) Vinyl Chloride	3.25	62	1120751	10.140	ppbv	100
6) Bromomethane	3.46	94	611436	9.518	ppbv	99
7) Chloroethane	3.55	64	362031	8.765	ppbv	99
8) Dichlorotetrafluoroethane	3.18	85	2476798	9.397	ppbv	100
9) Propene	3.00	41	1124420	10.009	ppbv	96
10) Heptane	8.10	43	2709265	10.335	ppbv	99
11) Trichlorofluoromethane	3.94	101	2251234	9.177	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1706847	9.427	ppbv	99
13) Ethanol	3.59	45	115004m	10.465	ppbv	
14) Bromoethene	3.73	108	783222	9.503	ppbv	99
15) Acetone	3.84	43	1272195	7.252	ppbv	97
16) 1,3-Butadiene	3.32	39	1080395	9.856	ppbv	99
17) tert-Butyl alcohol	4.27	59	1571800	10.566	ppbv	99
18) 1,1-Dichloroethene	4.28	96	779821	9.245	ppbv	99
19) Isopropyl Alcohol	3.94	45	988918	10.360	ppbv	# 95
20) Methylene Chloride	4.33	84	641711	7.662	ppbv	95
21) Allyl Chloride	4.40	41	1302293	9.936	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	780158	9.193	ppbv	97
23) Vinyl Acetate	5.06	43	2162659	8.908	ppbv	99
24) 1,1-Dichloroethane	4.99	63	1597230	9.184	ppbv	98
25) Ethyl Acetate	5.66	43	4228079	9.951	ppbv	99
26) Hexane	5.67	57	1964044	9.731	ppbv	98
27) Carbon Disulfide	4.54	76	1972337	10.682	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1658252	9.328	ppbv	99
29) Chloroform	5.73	83	2758519	9.360	ppbv	97
30) Cyclohexane	7.11	84	1698807	9.841	ppbv	98
31) cis-1,2-Dichloroethene	5.53	61	1866994	10.189	ppbv	99
32) 1,1,1-Trichloroethane	6.49	97	2648626	9.653	ppbv	100
34) 2-Butanone	5.23	43	1836352	9.118	ppbv	98
35) Carbon Tetrachloride	7.00	117	2769711	9.880	ppbv	99
36) Benzene	6.87	78	4075013	9.861	ppbv	100
37) 1,2-Dichloroethane	6.29	62	1958332	9.635	ppbv	100
38) Trichloroethene	7.82	130	1601485	9.277	ppbv	98
39) 1,2-Dichloropropane	7.59	63	1573592	9.942	ppbv	98
40) 1,4-Dioxane	7.82	88	388209	10.083	ppbv	# 1
41) Tetrahydrofuran	6.03	42	1010375	10.672	ppbv	99
42) Bromodichloromethane	7.77	83	2944837	10.109	ppbv	97
43) Methyl Methacrylate	7.99	69	1455841	10.589	ppbv	97

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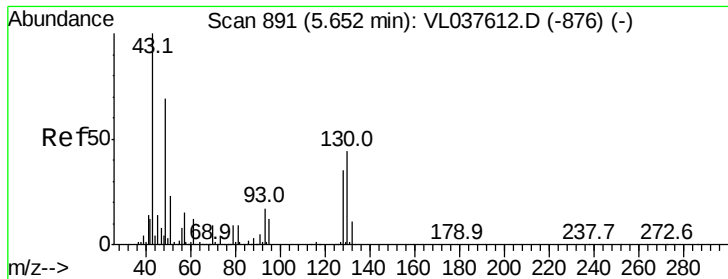
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 17 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	6804955	9.795	ppbv	100
45) t-1,3-Dichloropropene	9.26	75	1279424	11.848	ppbv	99
46) cis-1,3-Dichloropropene	8.68	75	1686287	11.560	ppbv	98
47) 1,1,2-Trichloroethane	9.46	97	1620697	9.256	ppbv	96
48) Dibromochloromethane	10.28	129	2546145	10.424	ppbv	100
49) Bromoform	13.02	173	2020718	10.336	ppbv	99
50) 4-Methyl-2-Pentanone	8.72	43	2586432	10.118	ppbv	98
51) 2-Hexanone	10.11	43	1211931	10.746	ppbv	98
52) Tetrachloroethene	11.20	164	1474584	9.295	ppbv	98
53) Toluene	9.79	91	4692161	10.215	ppbv	100
54) 1,2-Dibromoethane	10.59	107	2343342	9.774	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	1752406	9.517	ppbv	96
57) Chlorobenzene	12.13	112	3386252	9.176	ppbv	98
58) Ethyl Benzene	12.69	91	5935088	10.072	ppbv	100
59) m/p-Xylene	12.97	91	9721656m	18.932	ppbv	
60) o-Xylene	13.67	91	4559827	9.329	ppbv	100
61) Styrene	13.50	104	2622511	10.881	ppbv	100
62) Isopropylbenzene	14.64	105	6371762	9.332	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.65	83	3129156	8.181	ppbv	100
64) n-propylbenzene	15.54	120	1716825	9.744	ppbv	95
65) tert-Butylbenzene	16.72	119	5500541	8.935	ppbv	100
66) Benzyl Chloride	16.96	91	337936	10.045	ppbv	98
67) sec-Butylbenzene	17.27	105	7583489	9.080	ppbv	99
69) p-Isopropyltoluene	17.63	119	6365594	9.329	ppbv	100
70) n-Butylbenzene	18.53	91	6252470	9.684	ppbv	100
71) 2-Chlorotoluene	15.43	91	4634685	9.472	ppbv	99
72) 4-Ethyltoluene	15.82	105	5358997	9.552	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	4805323	9.189	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	4992633	9.064	ppbv #	92
75) 1,3-Dichlorobenzene	16.97	146	3030146	8.854	ppbv	100
76) 1,4-Dichlorobenzene	17.11	146	2922252	8.657	ppbv	98
77) 1,2-Dichlorobenzene	17.79	146	2947725	9.081	ppbv	98
78) Hexachloro-1,3-Butadiene	23.36	225	2373501	8.688	ppbv	100
79) Naphthalene	22.17	128	4210458	12.449	ppbv	100
80) Naphthalene, 2-methyl-	24.95	142	1296779	16.775	ppbv	95
81) 1,2,4-Trichlorobenzene	21.90	180	2430301	11.192	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

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ClientSampleId :

ICVVL091621

Tot Ion: 49 Resp: 1688513

Ion Ratio Lower Upper

49 100

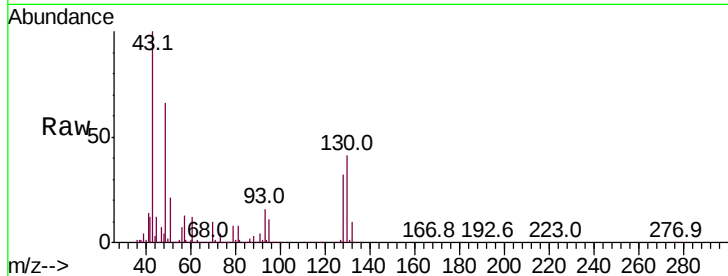
128 55.1 27.9 83.6

130 67.7 33.9 101.7

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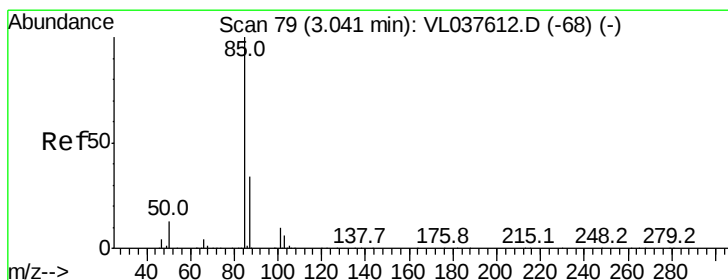
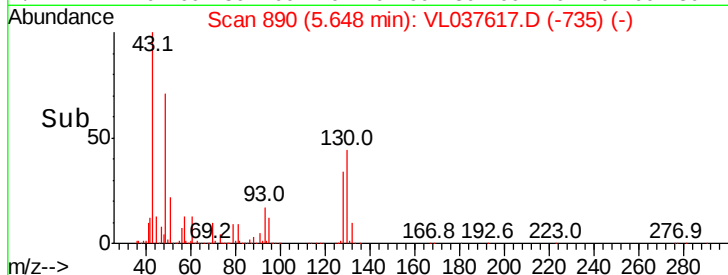
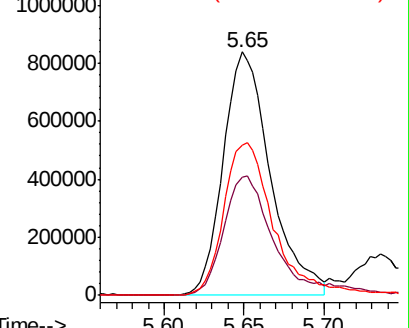
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.707 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.00 min

Lab File: VL037617.D

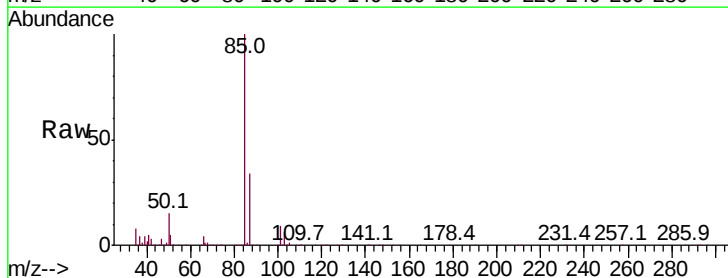
Acq: 16 Sep 2021 14:01

Tgt Ion: 85 Resp: 2354925

Ion Ratio Lower Upper

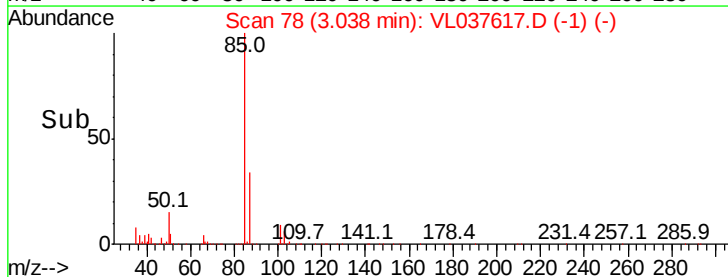
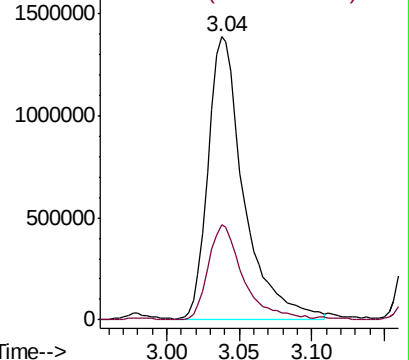
85 100

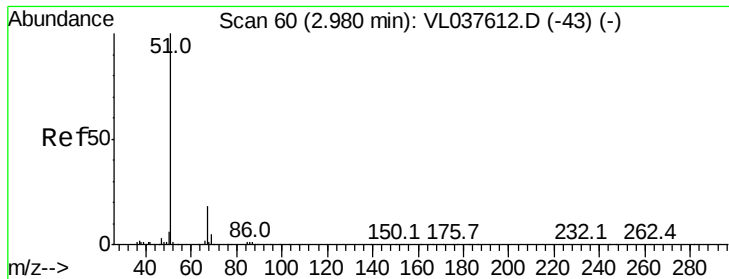
87 33.7 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.303 ppbv

RT: 2.98 min Scan# 60

Delta R.T. 0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Tot Ion: 51 Resp: 2962815

Ion Ratio Lower Upper

51 100

67 17.1 14.0 21.0

Instrument :

MSVOA_L

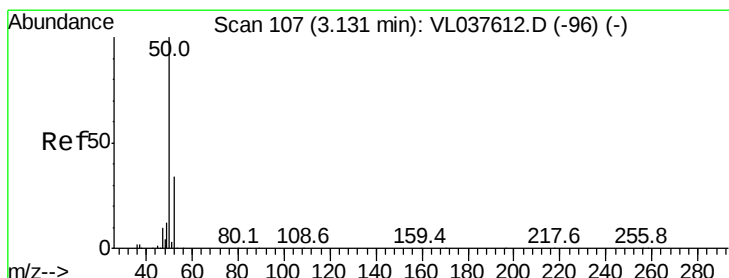
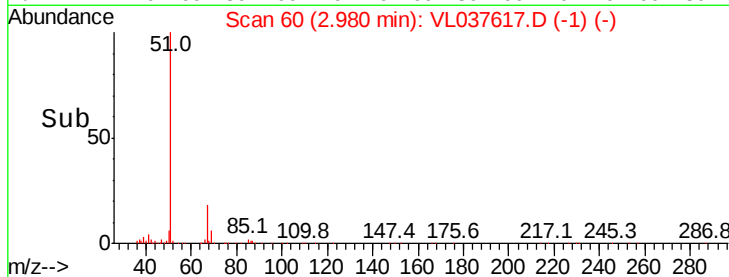
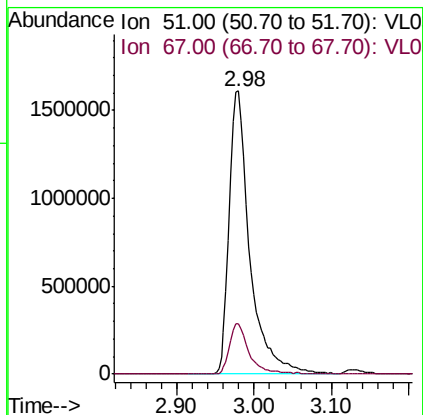
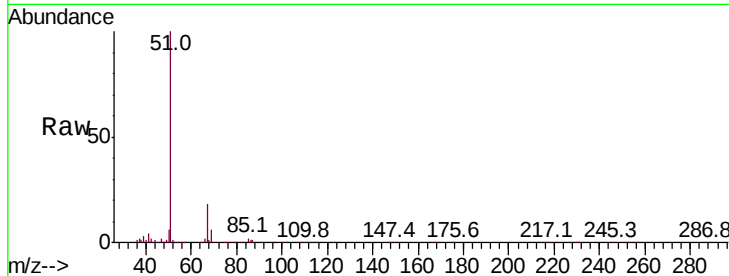
ClientSampleId :

ICVVL091621

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#4

Chloromethane

Concen: 9.653 ppbv

RT: 3.13 min Scan# 107

Delta R.T. 0.00 min

Lab File: VL037617.D

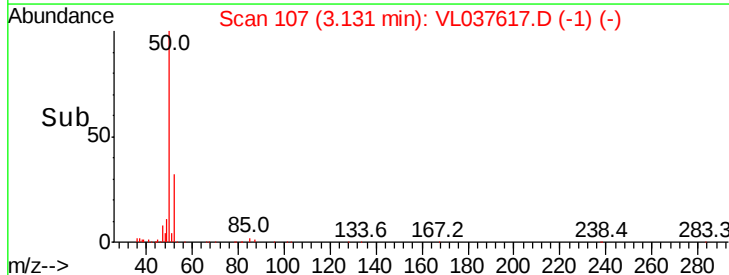
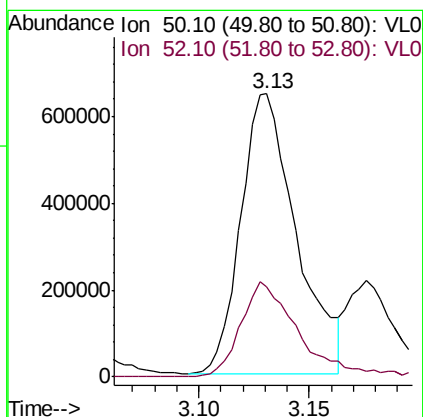
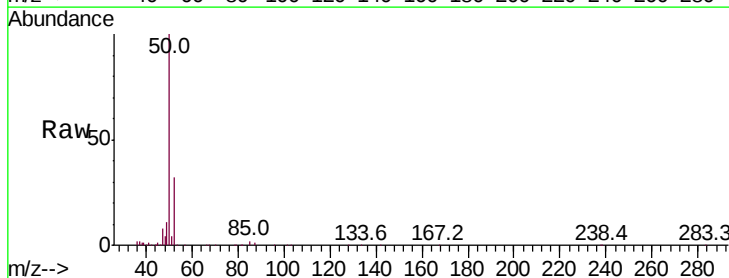
Acq: 16 Sep 2021 14:01

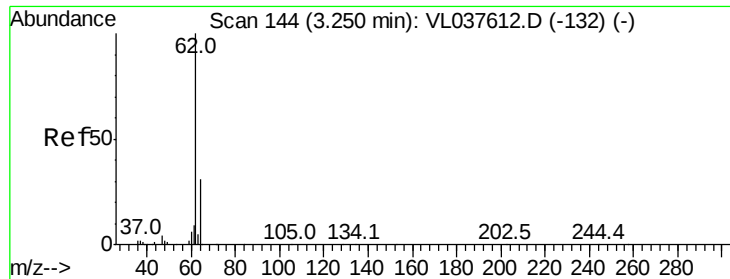
Tgt Ion: 50 Resp: 1135893

Ion Ratio Lower Upper

50 100

52 32.0 27.1 40.7





#5

Vinyl Chloride

Concen: 10.140 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091621

Tot Ion: 62 Resp: 1120751

Ion Ratio Lower Upper

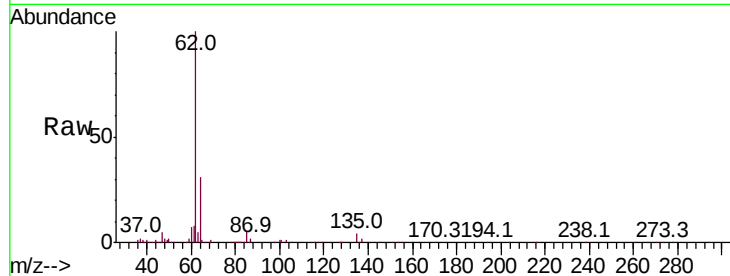
62 100

64 31.2 24.9 37.3

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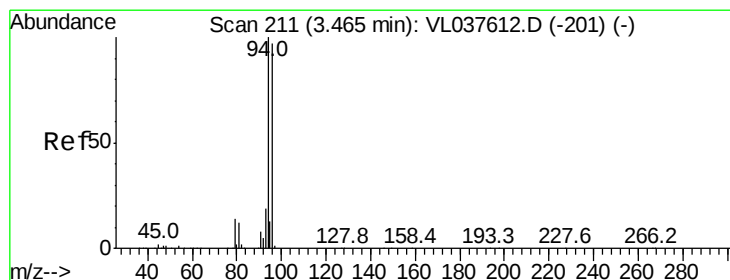
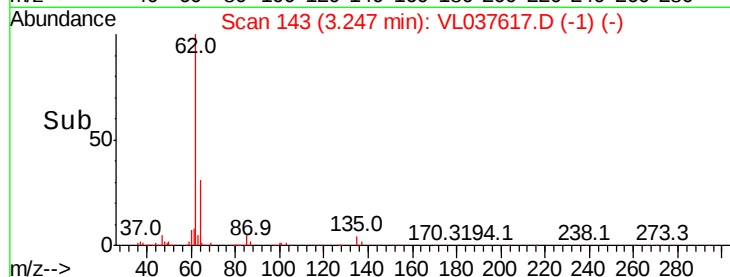
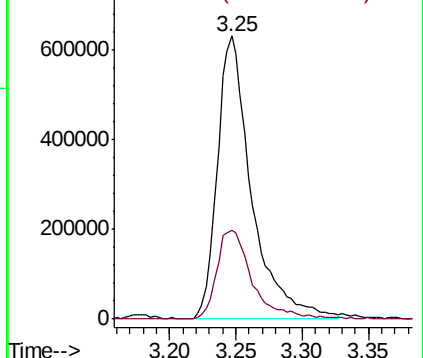
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.518 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.00 min

Lab File: VL037617.D

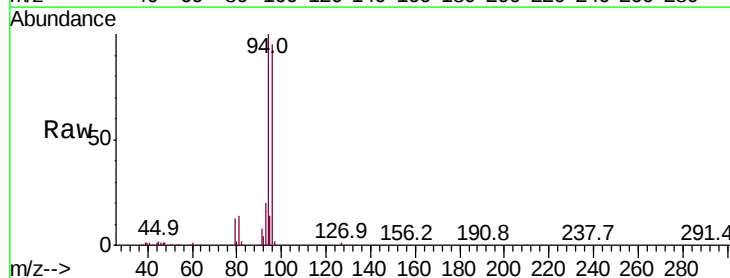
Acq: 16 Sep 2021 14:01

Tgt Ion: 94 Resp: 611436

Ion Ratio Lower Upper

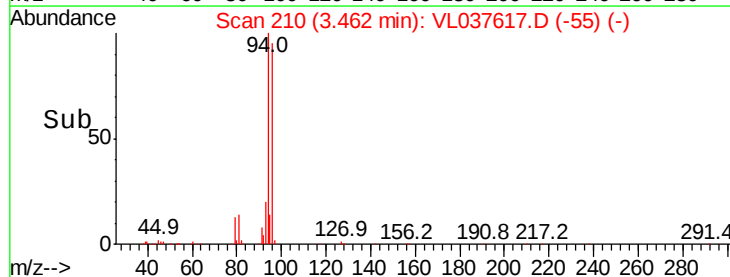
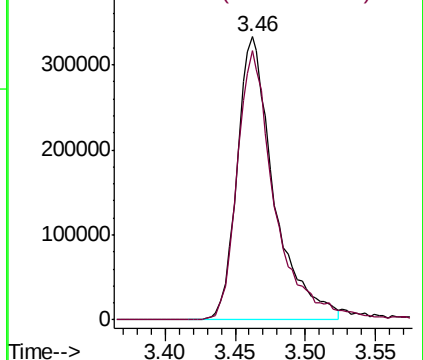
94 100

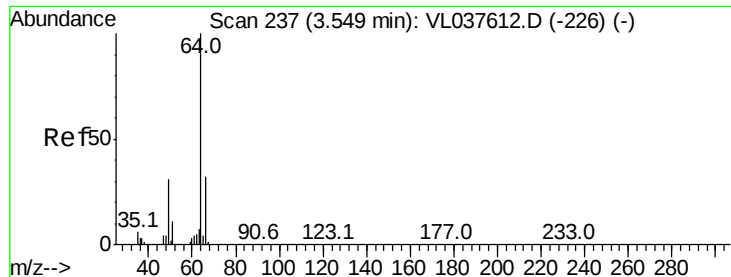
96 95.3 77.3 115.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 8.765 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

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ClientSampleId :

ICVVL091621

Tot Ion: 64 Resp: 362031

Ion Ratio Lower Upper

64 100

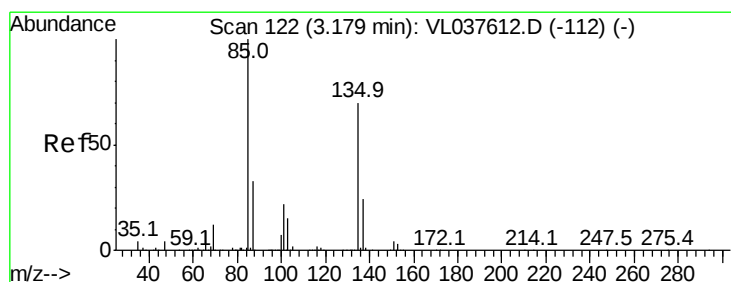
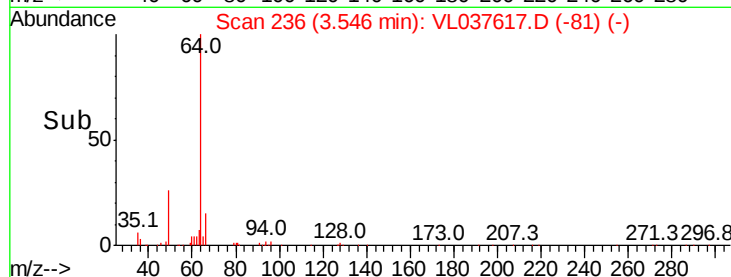
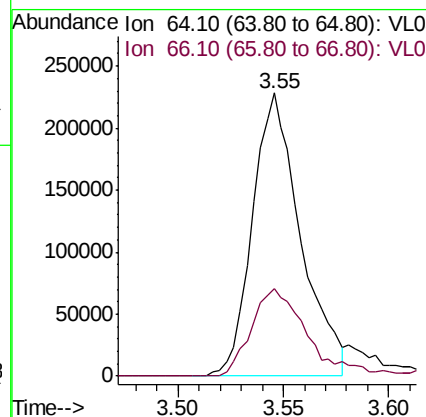
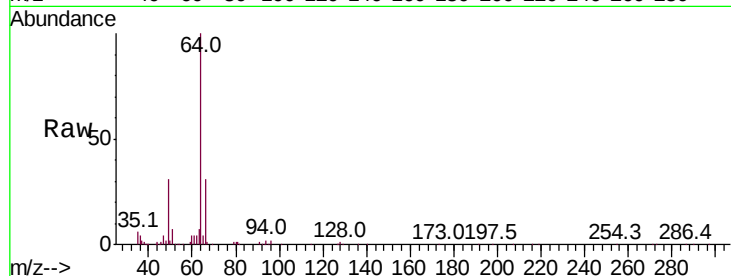
66 31.1 25.3 37.9

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#8

Dichlorotetrafluoroethane

Concen: 9.397 ppbv

RT: 3.18 min Scan# 122

Delta R.T. 0.00 min

Lab File: VL037617.D

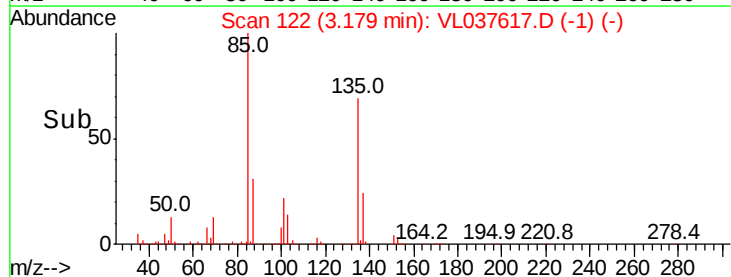
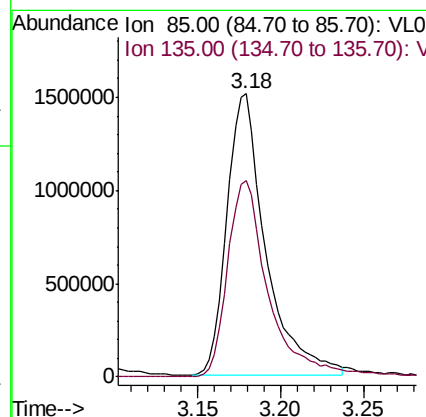
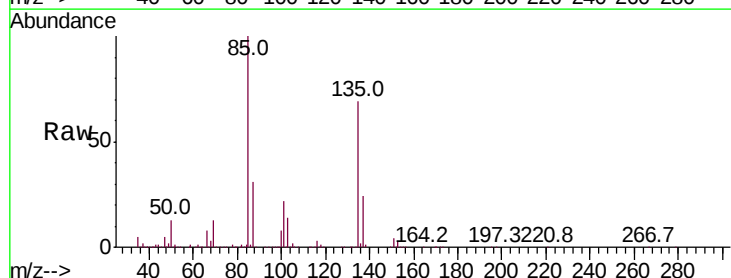
Acq: 16 Sep 2021 14:01

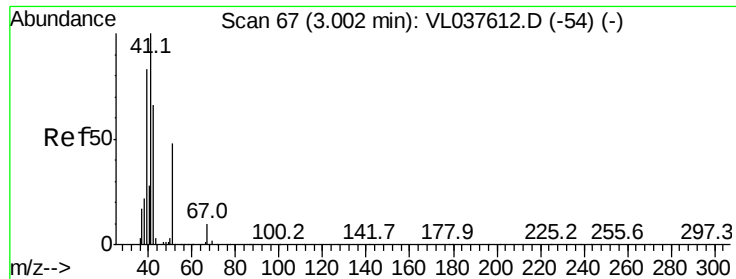
Tgt Ion: 85 Resp: 2476798

Ion Ratio Lower Upper

85 100

135 74.3 59.3 88.9





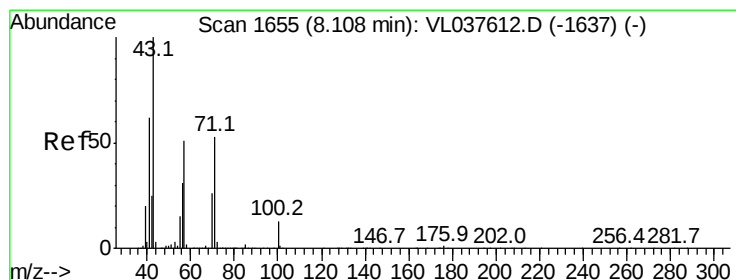
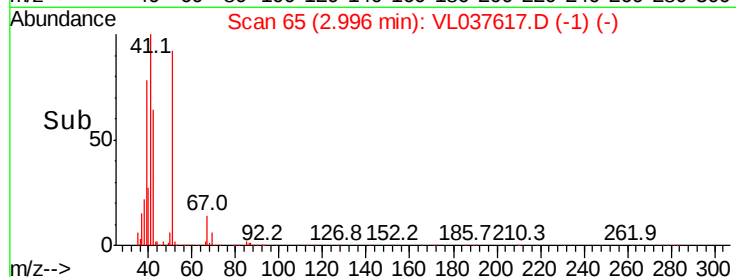
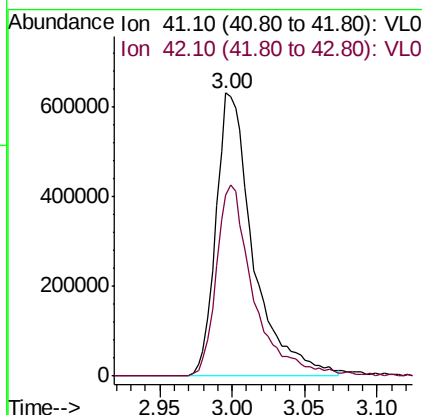
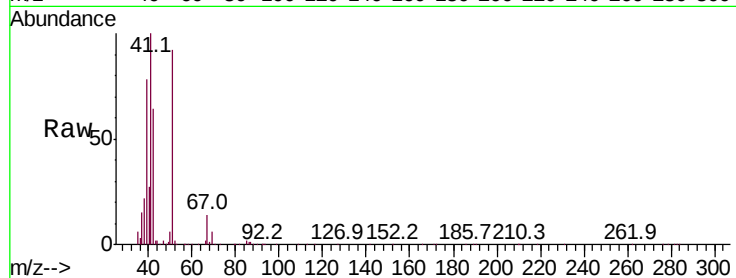
#9
Propene
Concen: 10.009 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion: 41 Resp: 1124420
Ion Ratio Lower Upper
41 100
42 68.4 57.2 85.8

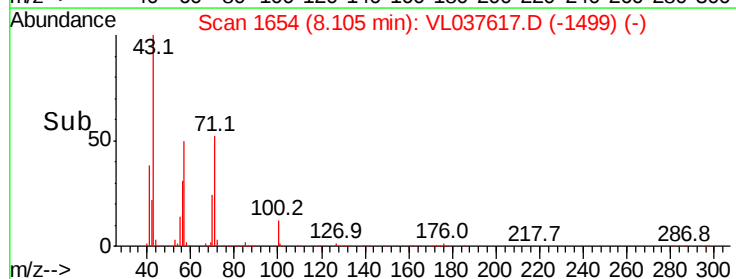
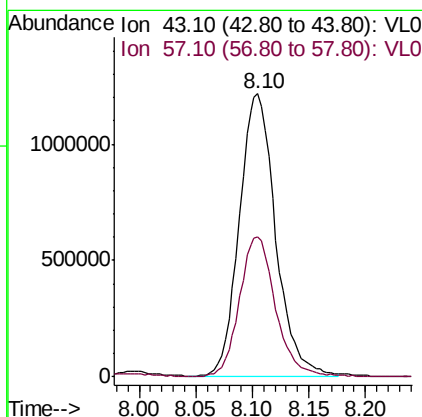
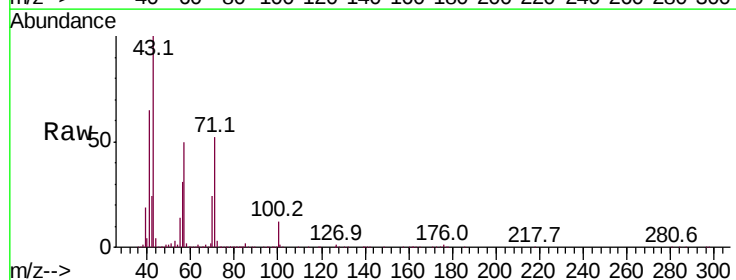
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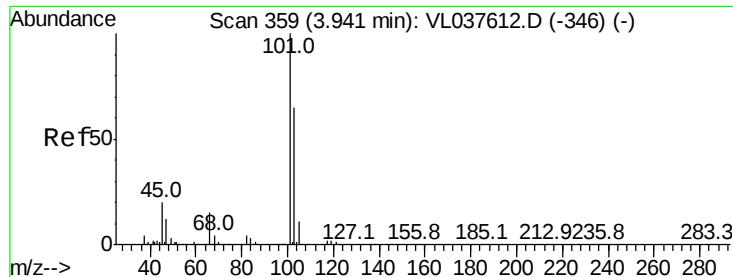
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#10
Heptane
Concen: 10.335 ppbv
RT: 8.10 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion: 43 Resp: 2709265
Ion Ratio Lower Upper
43 100
57 49.5 40.1 60.1





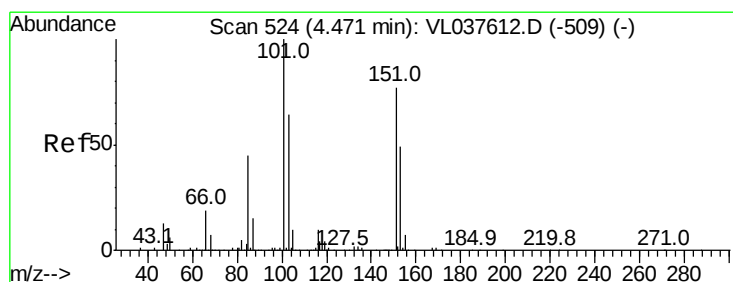
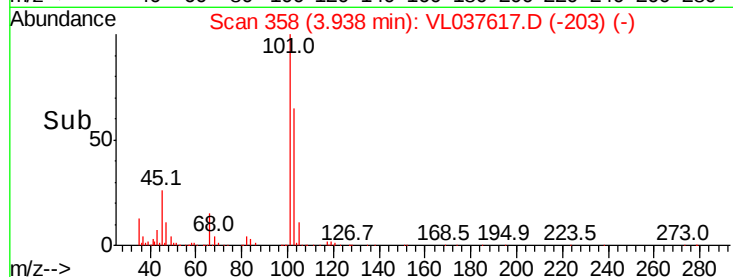
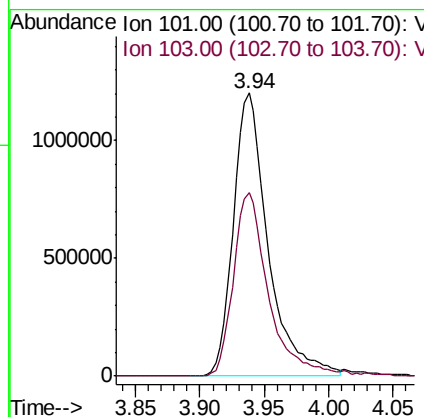
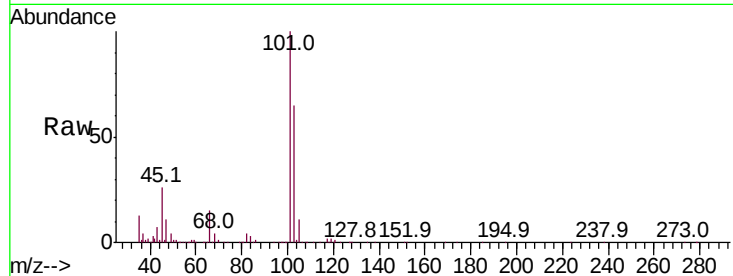
#11
 Trichlorofluoromethane
 Concen: 9.177 ppbv
 RT: 3.94 min Scan# 358
 Delta R.T. -0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091621

Tot Ion:101 Resp: 2251234
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.9 77.9

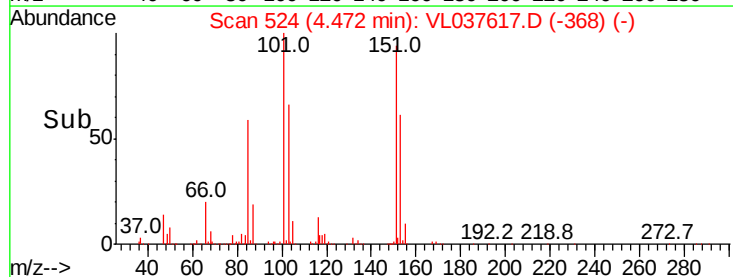
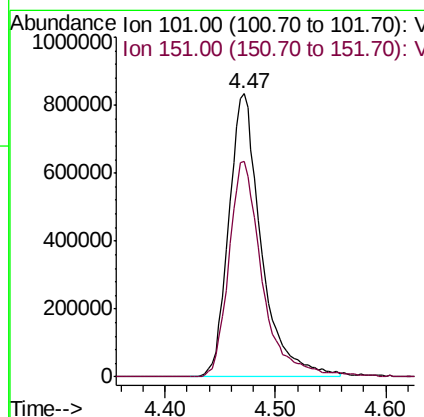
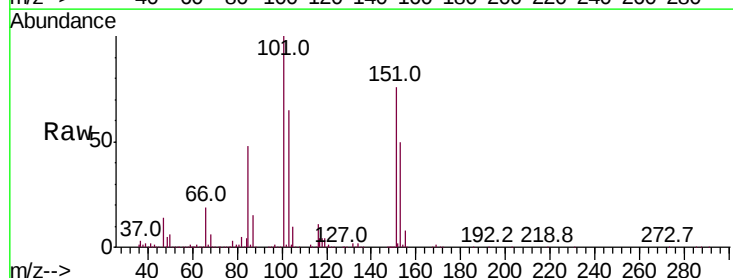
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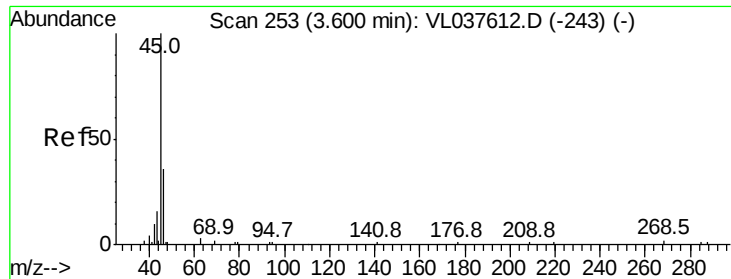
MMDadoda
 9/20/2021 5:27:00 PM



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.427 ppbv
 RT: 4.47 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Tgt Ion:101 Resp: 1706847
 Ion Ratio Lower Upper
 101 100
 151 78.5 63.5 95.3





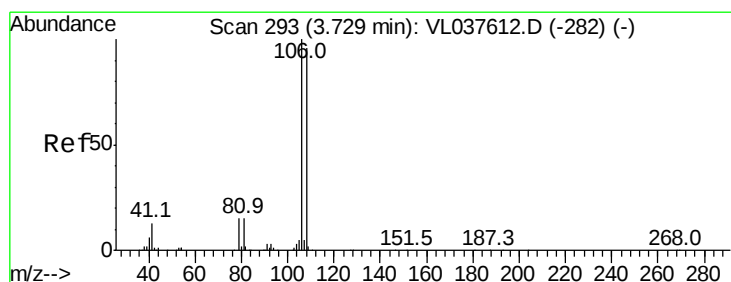
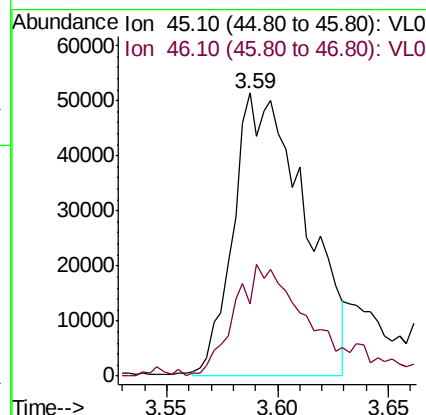
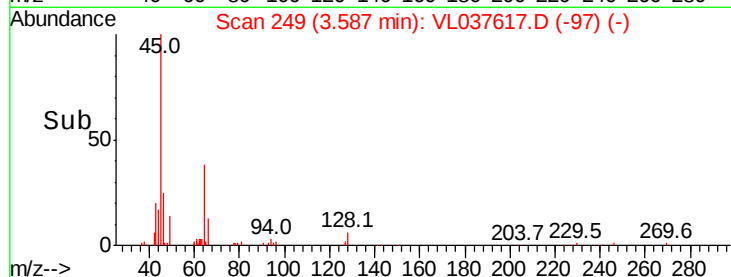
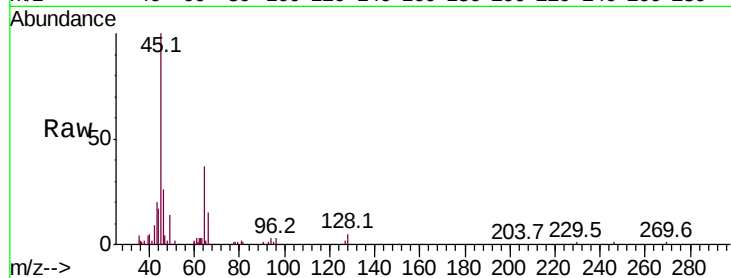
#13
Ethanol
Concen: 10.465 ppbv m
RT: 3.59 min Scan# 249
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.2	68.8#

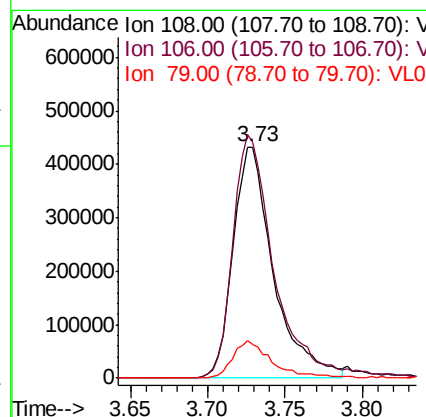
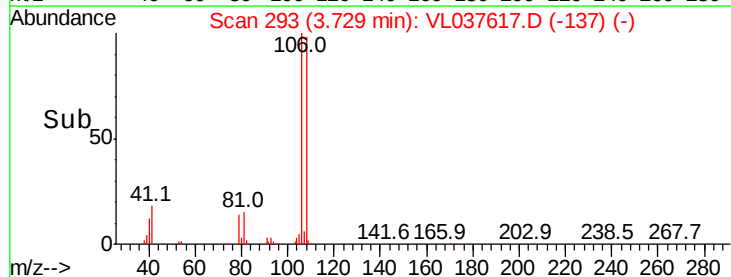
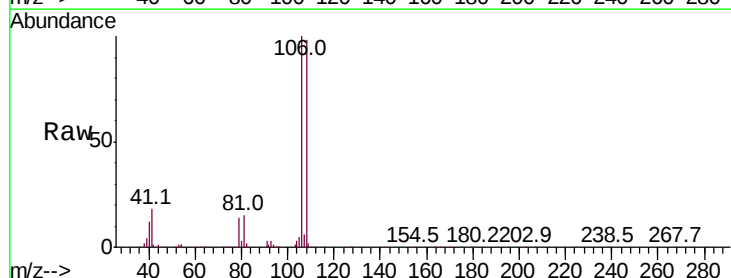
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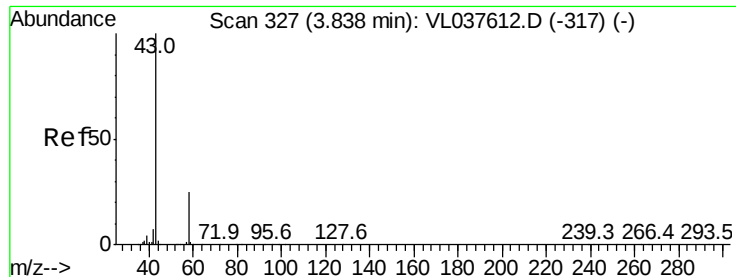
MMDadoda
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#14
Bromoethene
Concen: 9.503 ppbv
RT: 3.73 min Scan# 293
Delta R.T. 0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion	Ratio	Lower	Upper
108	100		
106	109.7	88.2	132.4
79	16.5	12.8	19.2





#15

Acetone

Concen: 7.252 ppbv

RT: 3.84 min Scan# 326

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091621

Tot Ion: 43 Resp: 1272195

Ion Ratio Lower Upper

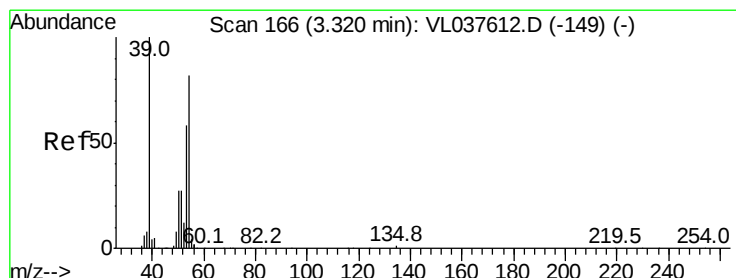
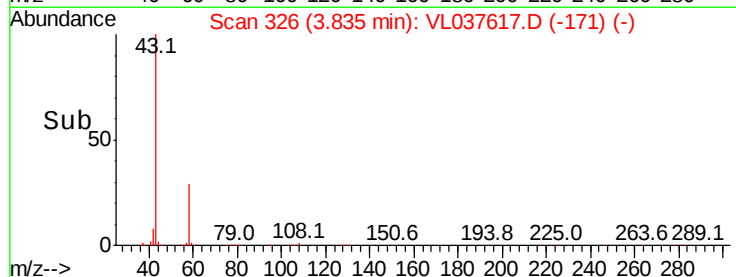
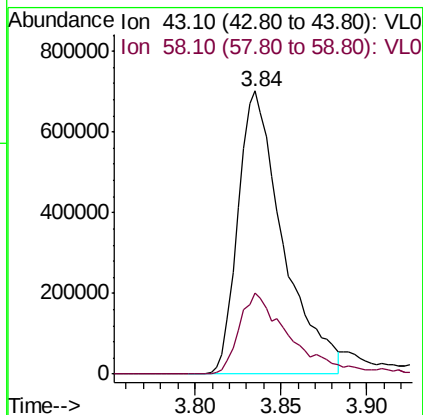
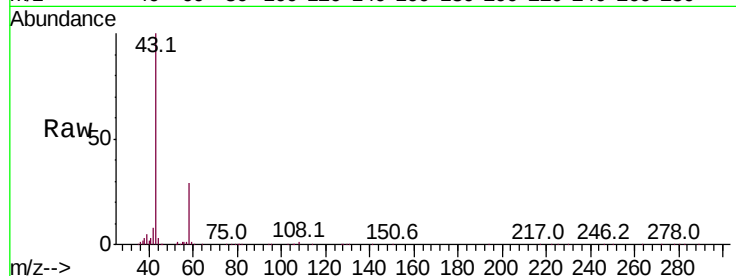
43 100

58 32.9 24.9 37.3

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#16

1,3-Butadiene

Concen: 9.856 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.00 min

Lab File: VL037617.D

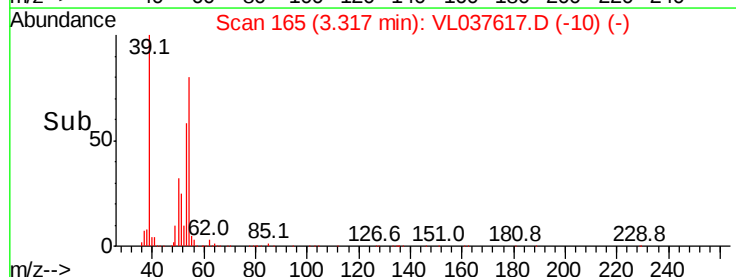
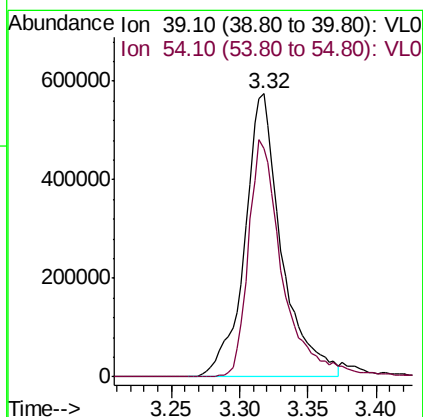
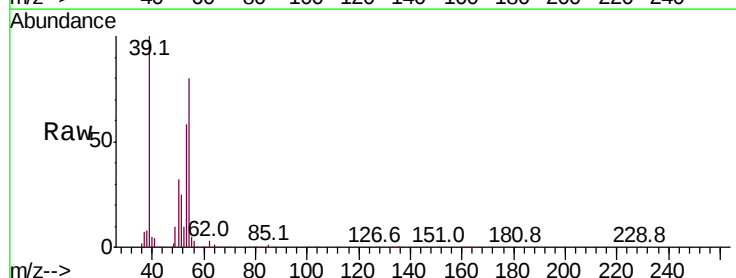
Acq: 16 Sep 2021 14:01

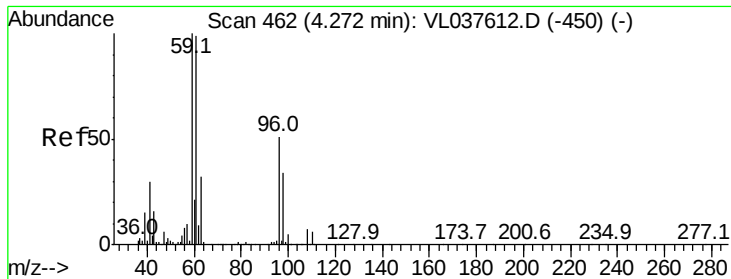
Tgt Ion: 39 Resp: 1080395

Ion Ratio Lower Upper

39 100

54 78.7 62.6 93.8





#17

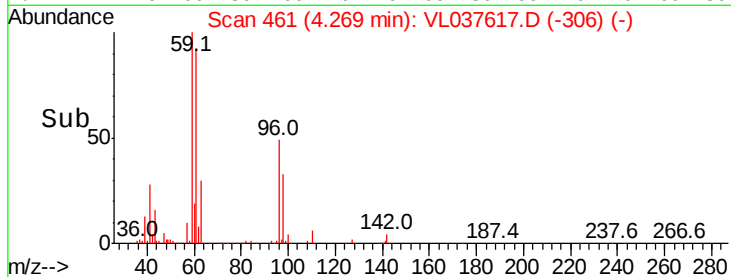
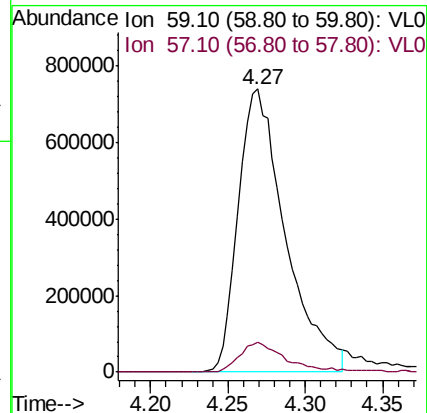
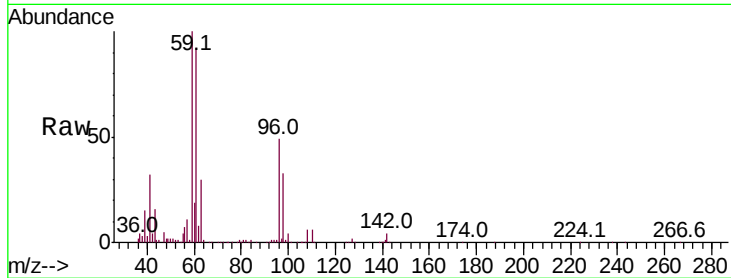
tert-Butyl alcohol
 Concen: 10.566 ppbv
 RT: 4.27 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091621

Tot Ion: 59 Resp: 1571800
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6

Manual Integrations
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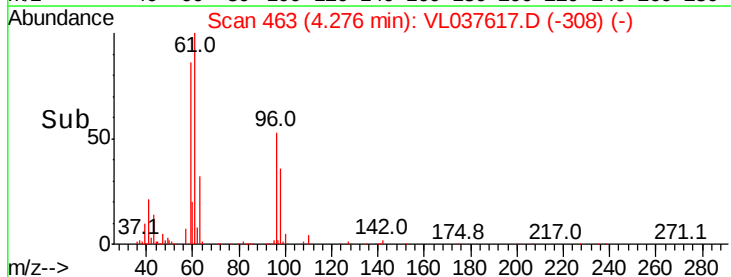
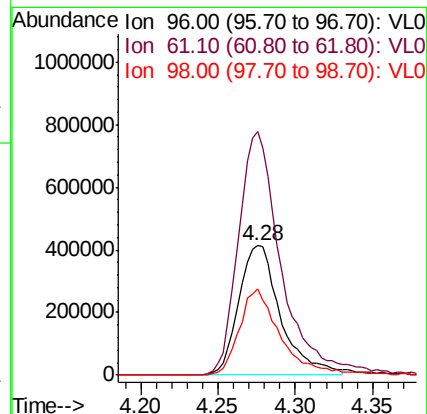
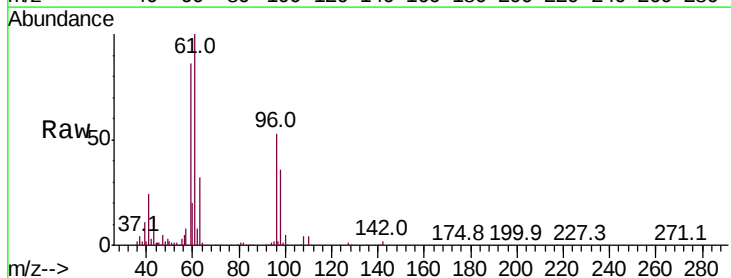
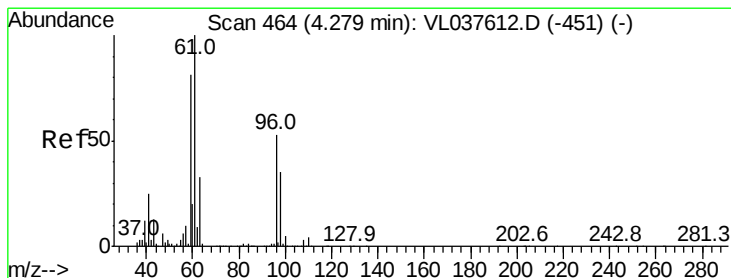
MMDadoda
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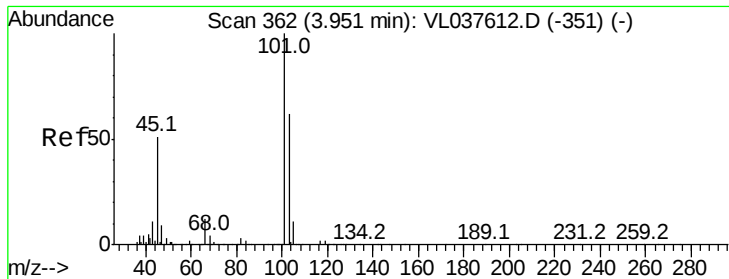


#18

1,1-Dichloroethene
 Concen: 9.245 ppbv
 RT: 4.28 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Tgt Ion: 96 Resp: 779821
 Ion Ratio Lower Upper
 96 100
 61 188.1 150.4 225.6
 98 66.7 52.1 78.1





#19

Isopropyl Alcohol

Concen: 10.360 ppbv

RT: 3.94 min Scan# 360

Delta R.T. -0.01 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091621

Tot Ion: 45 Resp: 988918

Ion Ratio Lower Upper

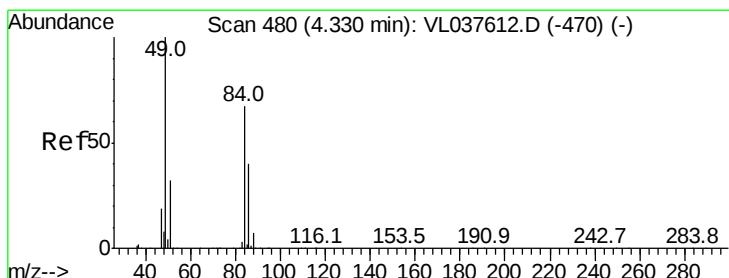
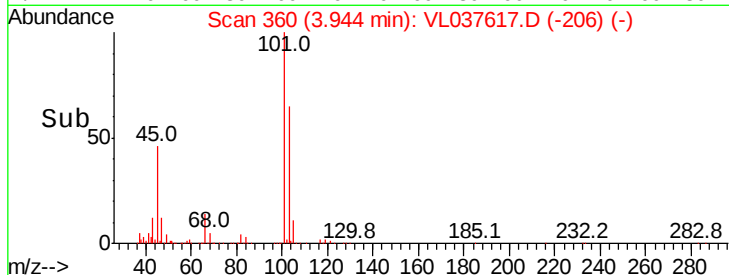
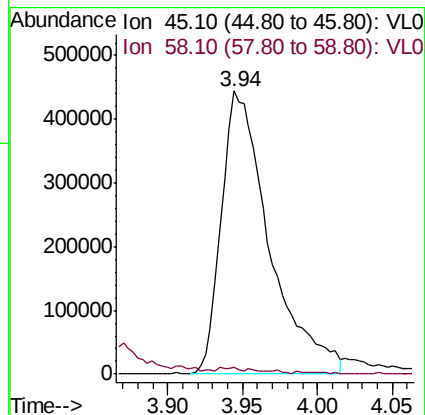
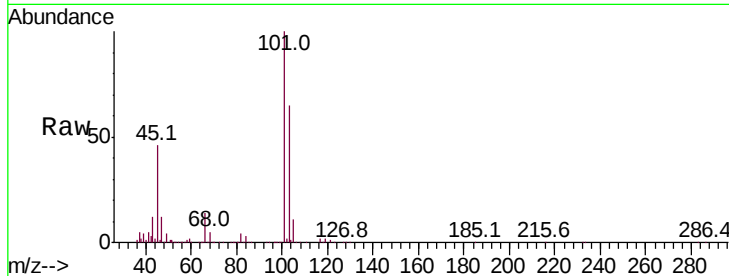
45 100

58 1.8 2.9 4.3#

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#20

Methylene Chloride

Concen: 7.662 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Tgt Ion: 84 Resp: 641711

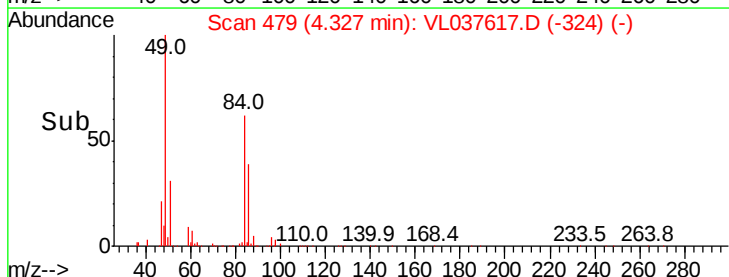
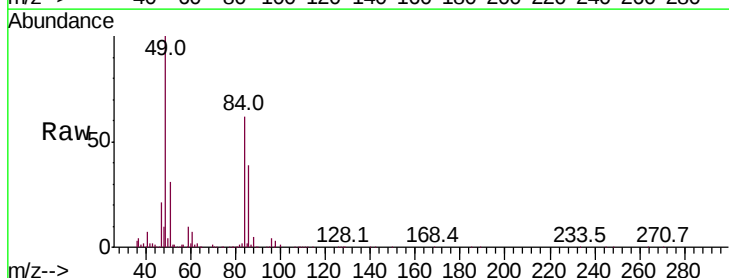
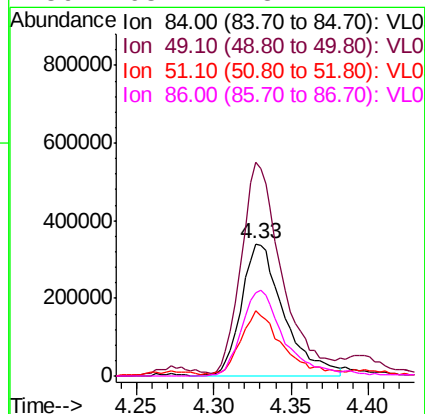
Ion Ratio Lower Upper

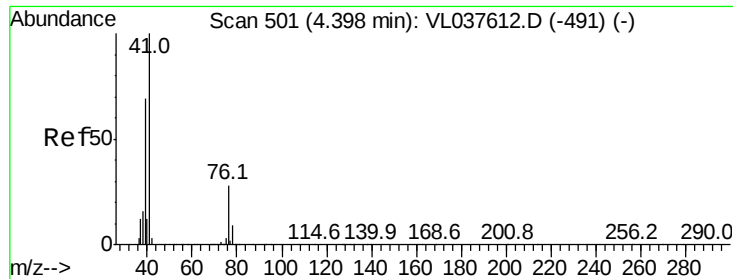
84 100

49 158.2 120.0 180.0

51 47.2 38.0 57.0

86 63.2 48.2 72.2





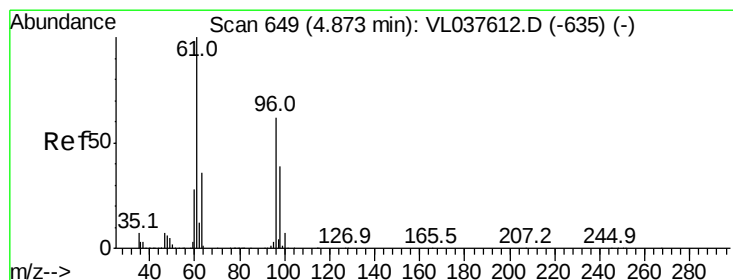
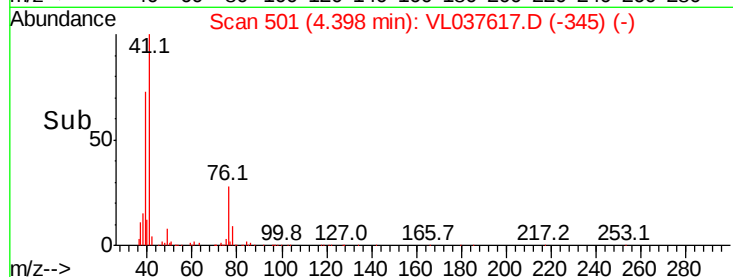
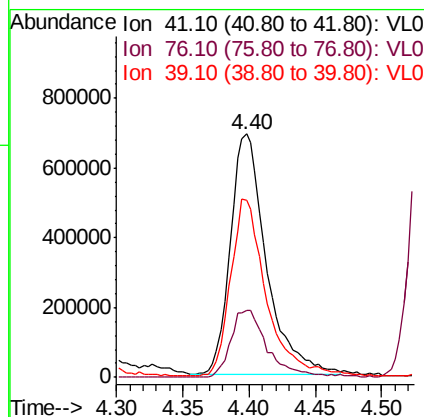
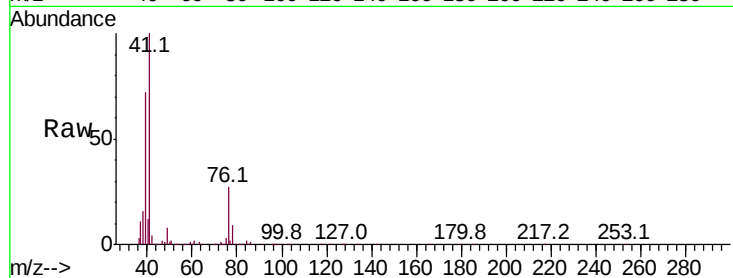
#21
Allvl Chloride
Concen: 9.936 ppbv
RT: 4.40 min Scan# 501
Delta R.T. 0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion: 41 Resp: 1302293
Ion Ratio Lower Upper
41 100
76 28.8 23.1 34.7
39 75.3 61.0 91.6

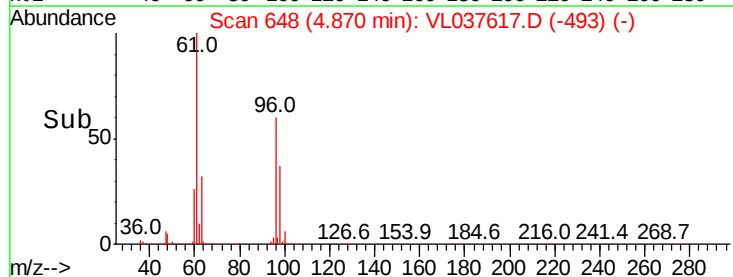
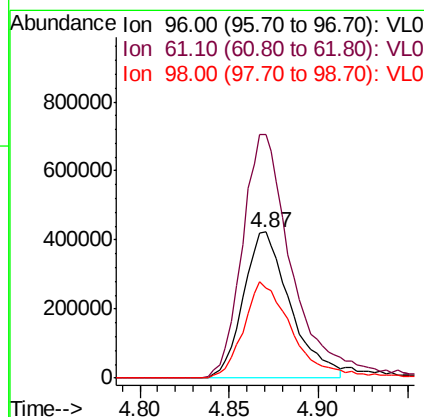
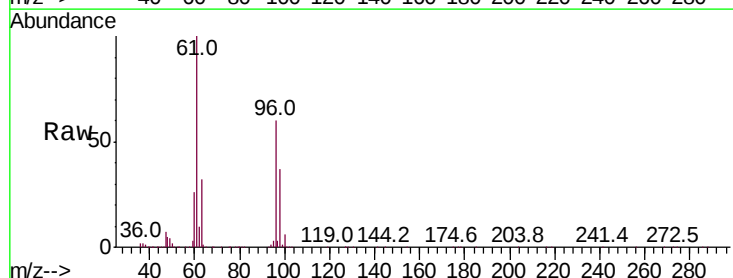
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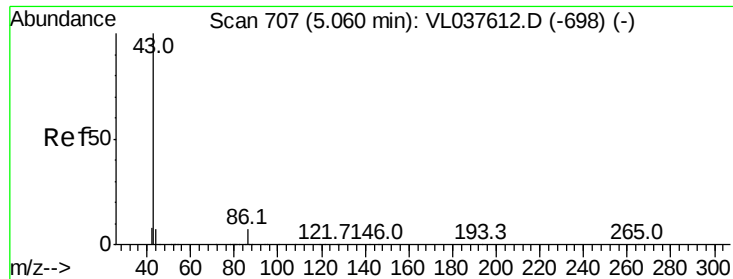
MMDadoda
9/20/2021 5:27:00 PM



#22
trans-1,2-Dichloroethene
Concen: 9.193 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion: 96 Resp: 780158
Ion Ratio Lower Upper
96 100
61 166.7 129.2 193.8
98 62.0 50.4 75.6





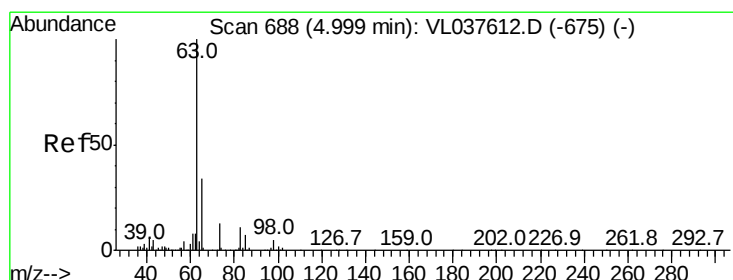
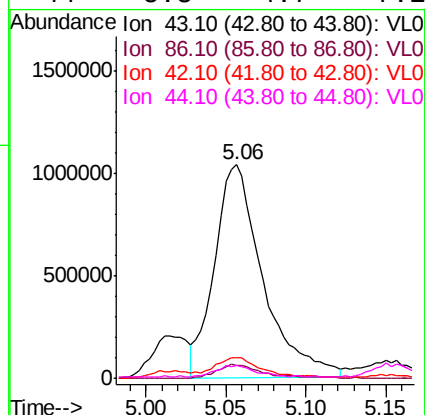
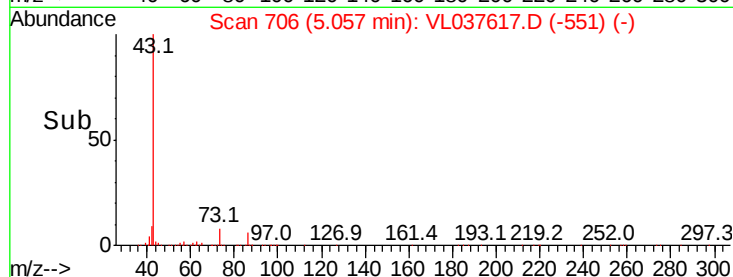
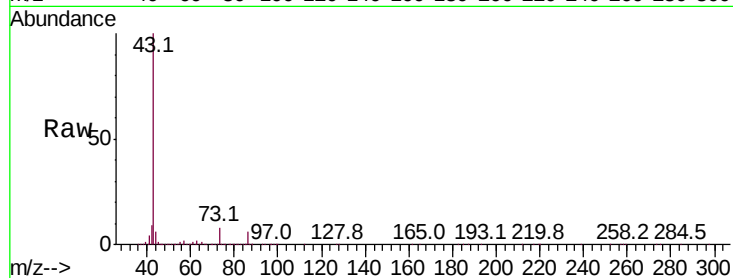
#23
 Vinyl Acetate
 Concen: 8.908 ppbv
 RT: 5.06 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091621

Tot Ion	43	Resp	2162659
Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.0	7.6
42	9.1	7.5	11.3
44	5.3	4.7	7.1

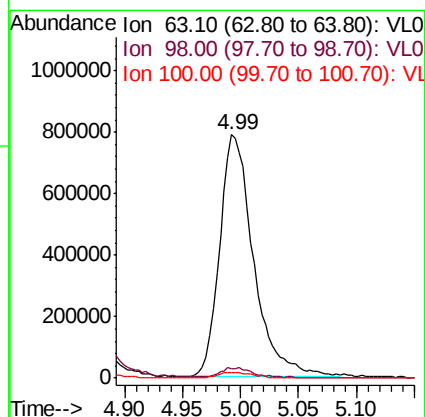
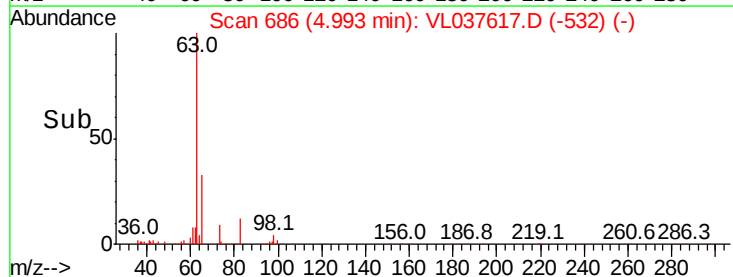
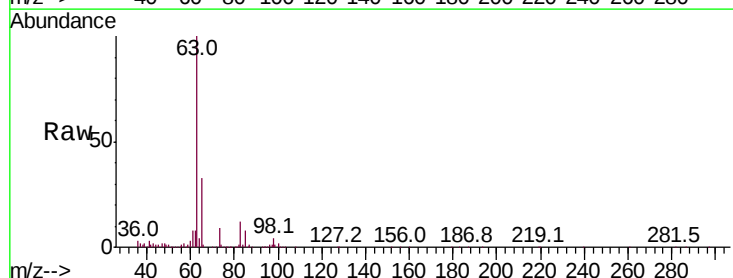
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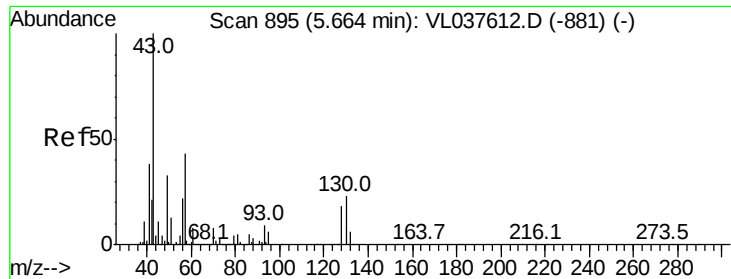
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#24
 1,1-Dichloroethane
 Concen: 9.184 ppbv
 RT: 4.99 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Tgt Ion	63	Resp	1597230
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.4	7.2
100	2.4	1.1	3.5





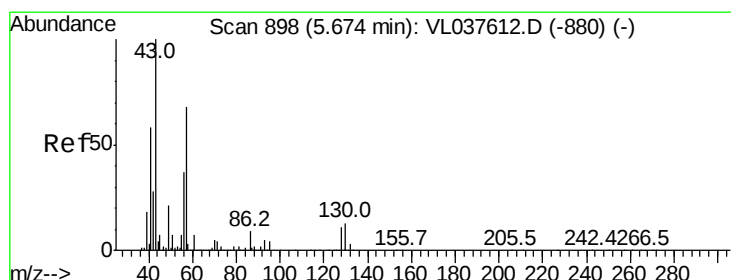
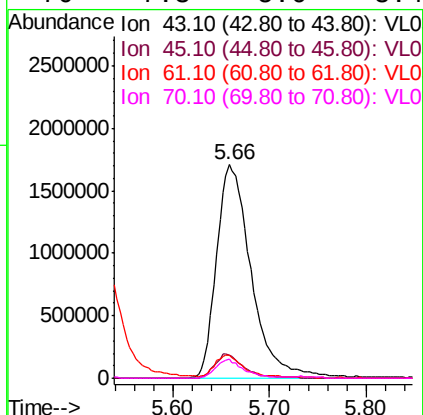
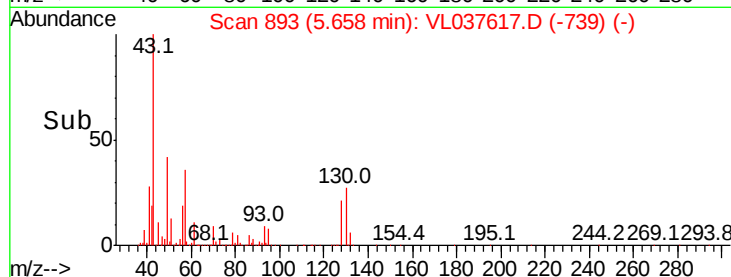
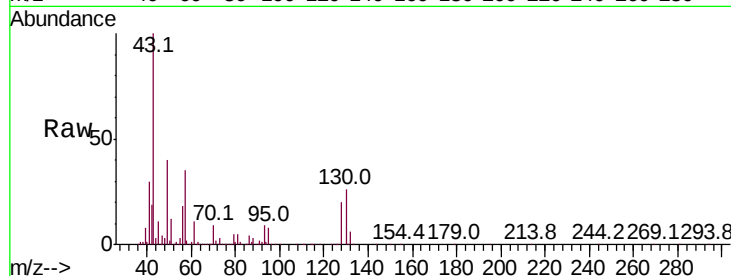
#25
Ethyl Acetate
Concen: 9.951 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	9.2	7.5	11.3
70	7.3	5.6	8.4

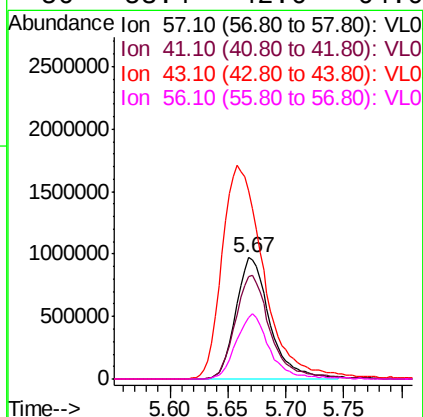
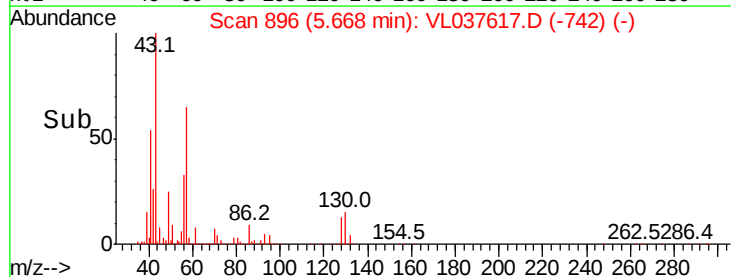
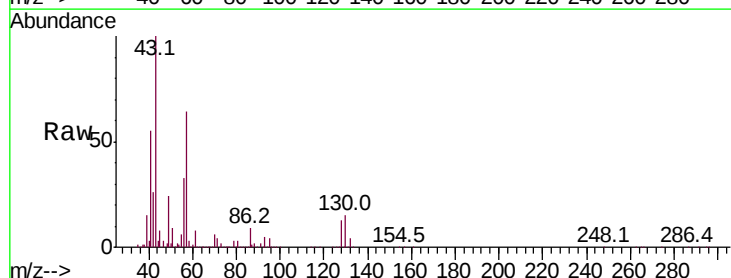
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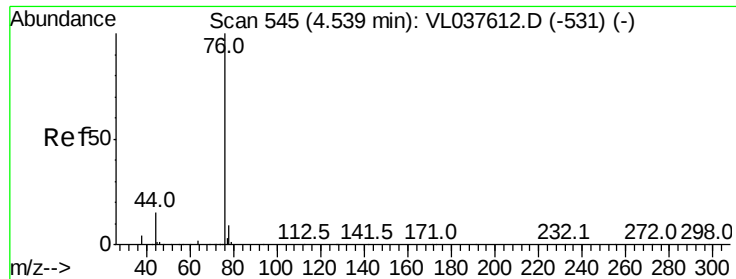
MMDadoda
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#26
Hexane
Concen: 9.731 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion	Ratio	Lower	Upper
57	100		
41	89.0	70.9	106.3
43	217.4	170.4	255.6
56	53.4	42.6	64.0





#27

Carbon Disulfide

Concen: 10.682 ppbv

RT: 4.54 min Scan# 544

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

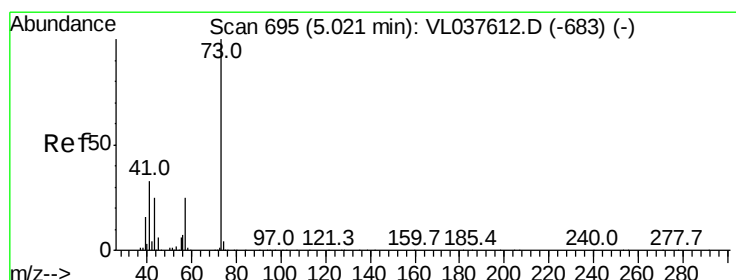
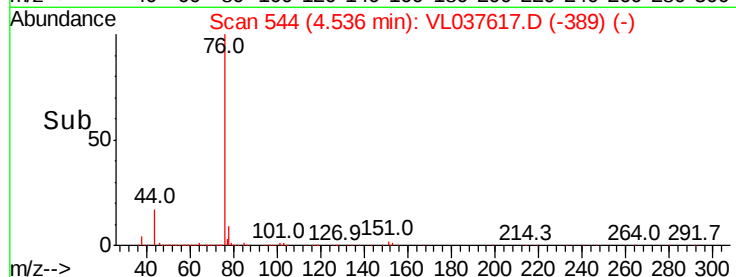
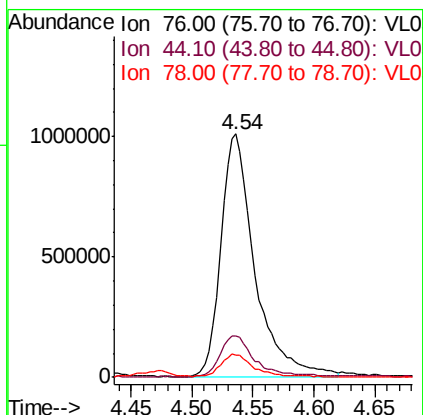
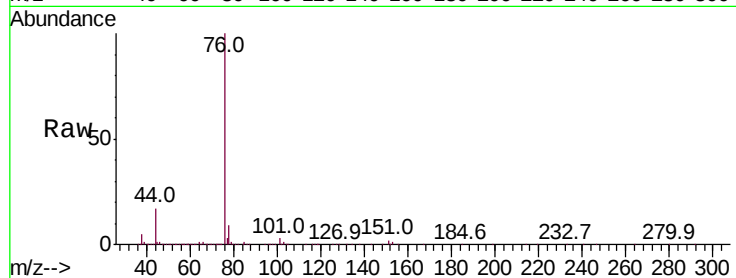
ClientSampleId :

ICVVL091621

Tot Ion:	76	Resp:	1972337
Ion	Ratio	Lower	Upper
76	100		
44	17.8	14.2	21.2
78	9.9	7.4	11.0

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 9.328 ppbv

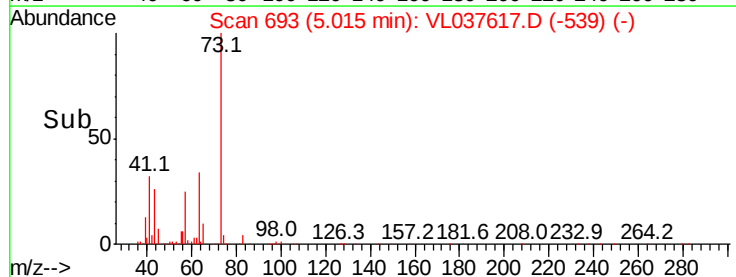
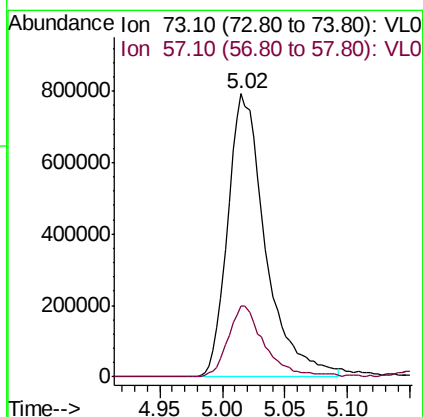
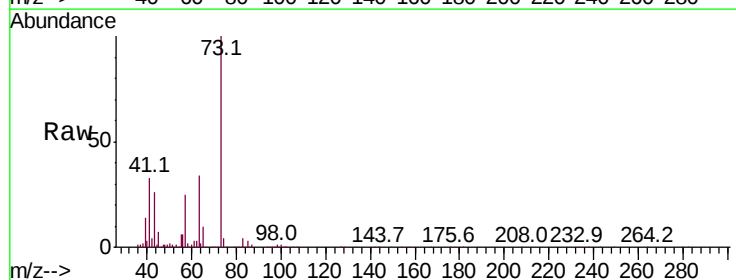
RT: 5.02 min Scan# 693

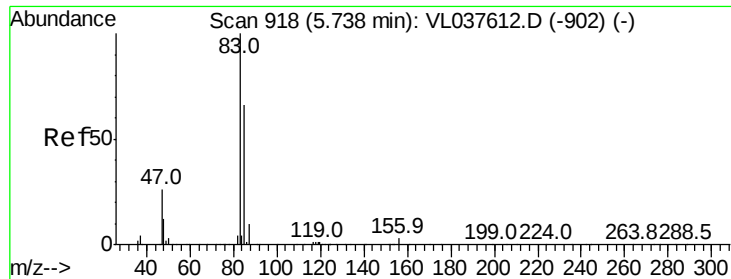
Delta R.T. -0.01 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Tgt Ion:	73	Resp:	1658252
Ion	Ratio	Lower	Upper
73	100		
57	24.7	20.1	30.1





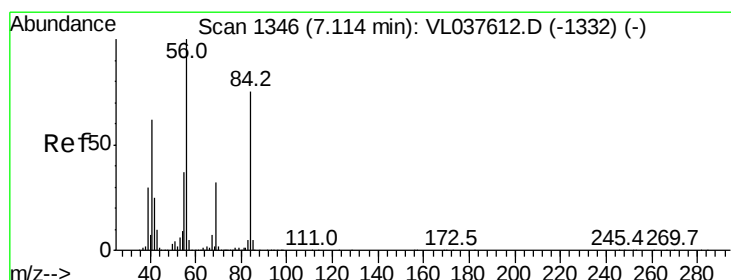
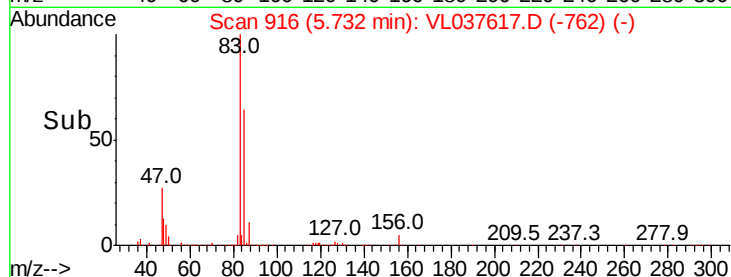
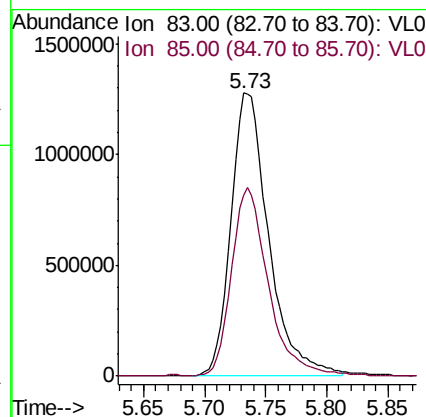
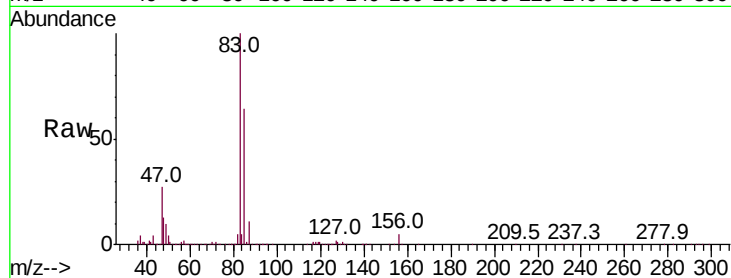
#29
Chloroform
Concen: 9.360 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion: 83 Resp: 2758519
Ion Ratio Lower Upper
83 100
85 63.6 52.6 79.0

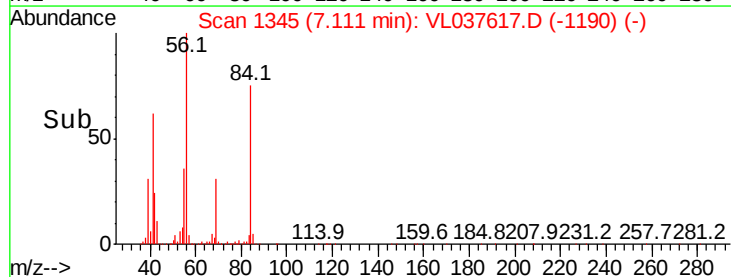
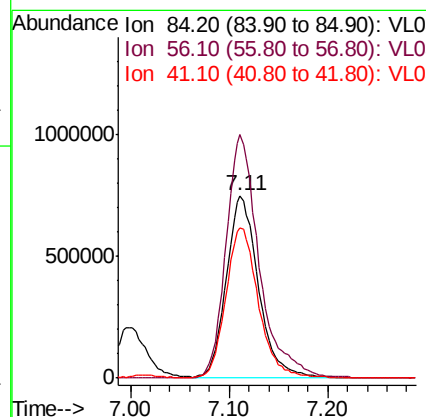
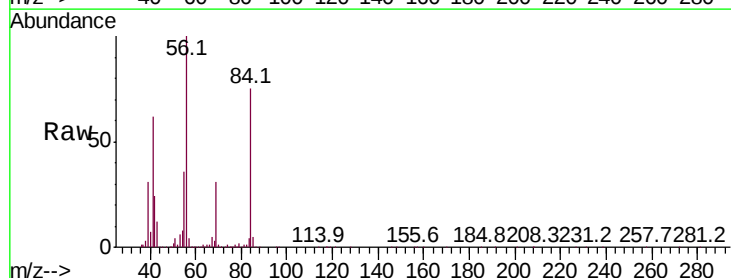
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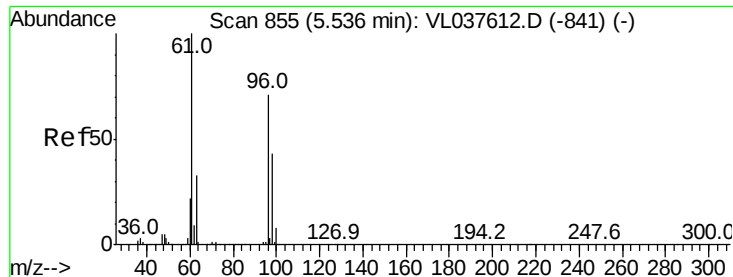
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#30
Cyclohexane
Concen: 9.841 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion: 84 Resp: 1698807
Ion Ratio Lower Upper
84 100
56 138.6 113.6 170.4
41 83.6 67.9 101.9





#31

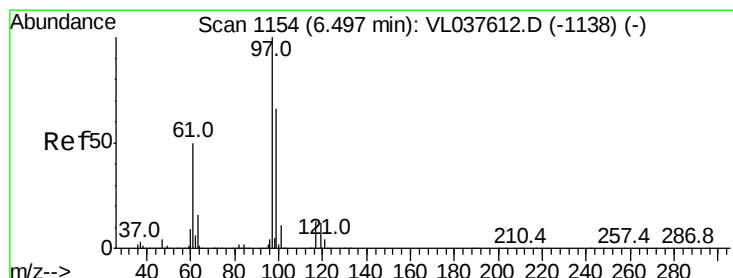
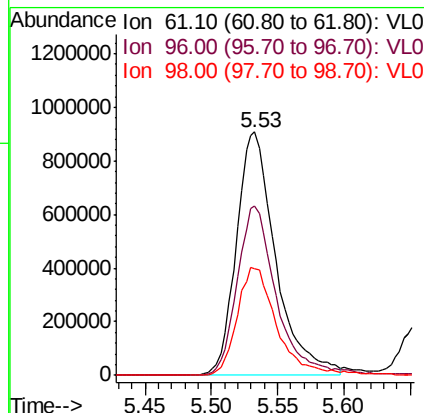
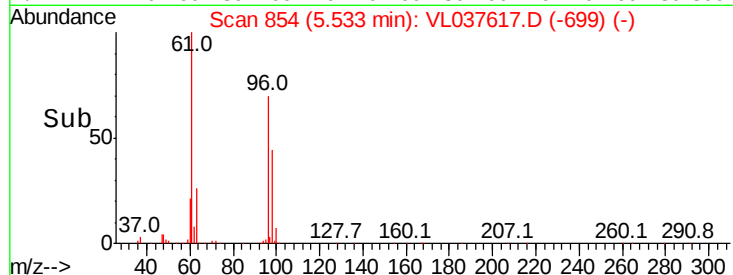
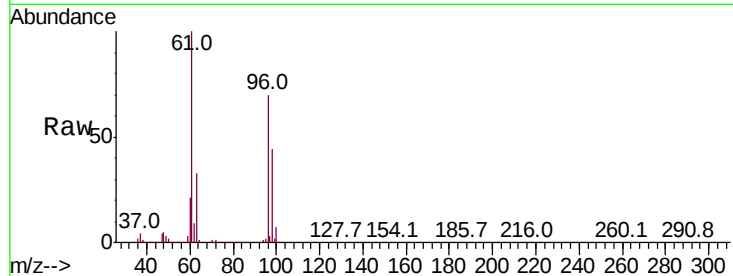
cis-1,2-Dichloroethene
Concen: 10.189 ppbv
RT: 5.53 min Scan# 854
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion	Ratio	Lower	Upper
61	100		
96	69.6	56.7	85.1
98	44.0	34.6	52.0

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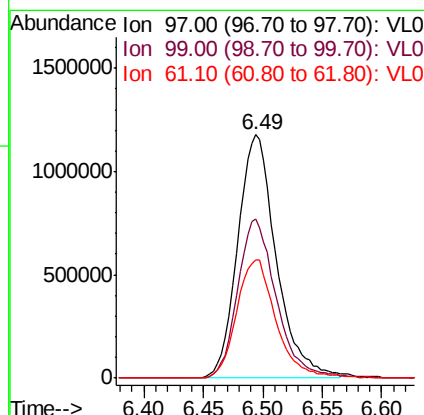
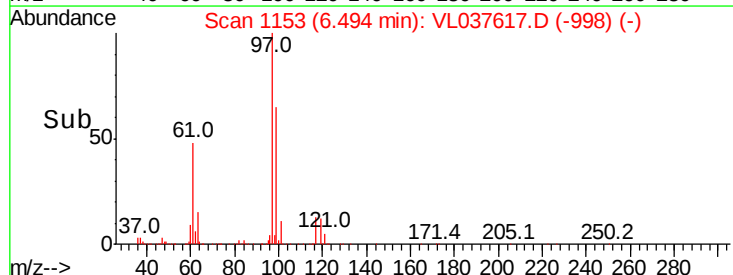
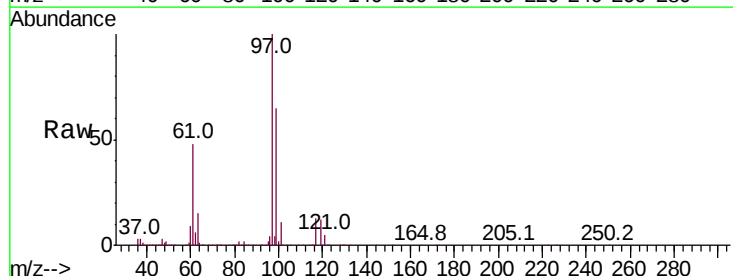
MMDadoda
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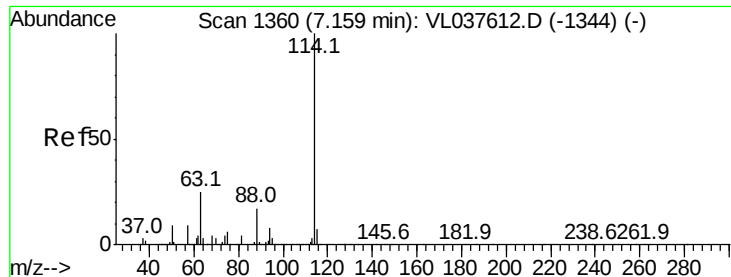


#32

1,1,1-Trichloroethane
Concen: 9.653 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.3	78.5
61	49.5	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: VL037617.D

Acq: 16 Sep 2021 14:01

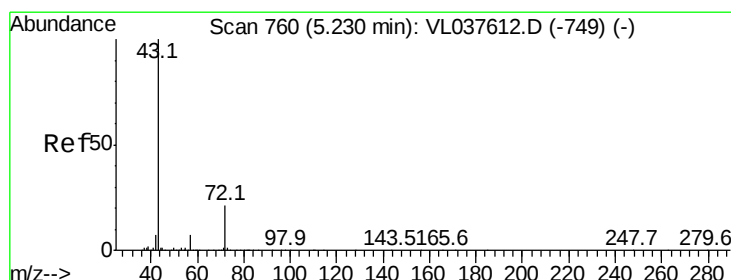
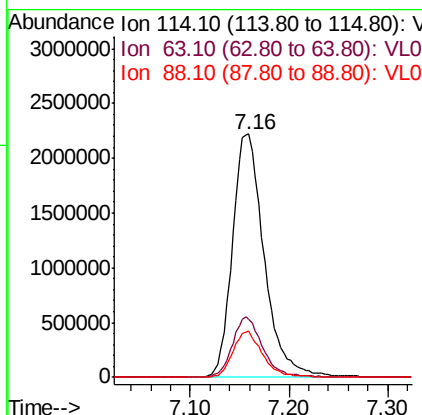
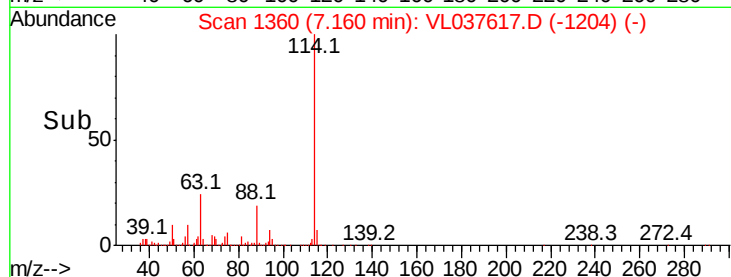
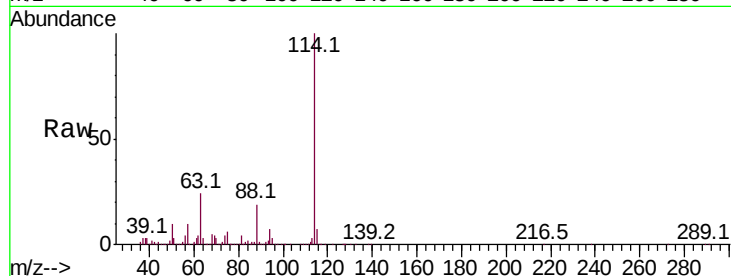
Instrument :
MSVOA_L

ClientSampleId :
ICVVL091621

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.6	29.4
88	18.0	14.2	21.4

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#34

2-Butanone

Concen: 9.118 ppbv

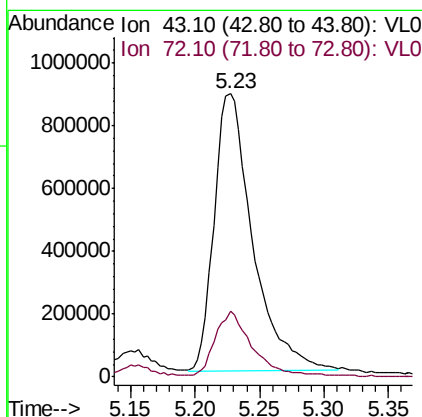
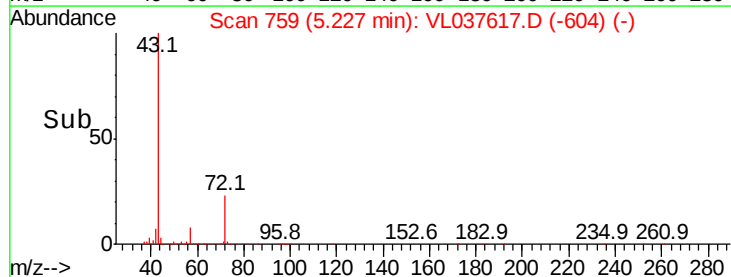
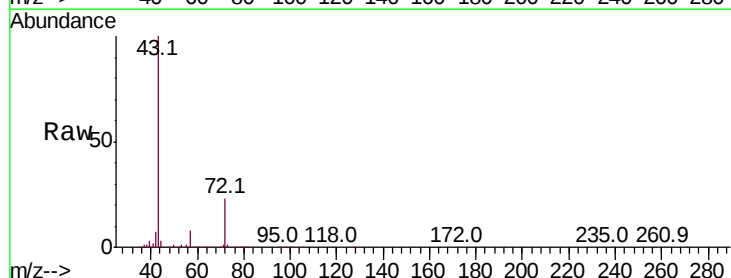
RT: 5.23 min Scan# 759

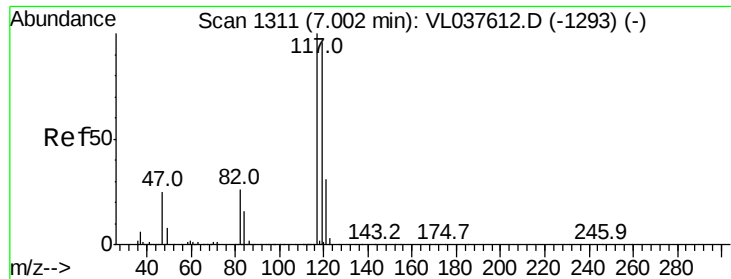
Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.1	18.4	27.6





#35

Carbon Tetrachloride

Concen: 9.880 ppbv

RT: 7.00 min Scan# 1310

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091621

Tot Ion:117 Resp: 2769711

Ion Ratio Lower Upper

117 100

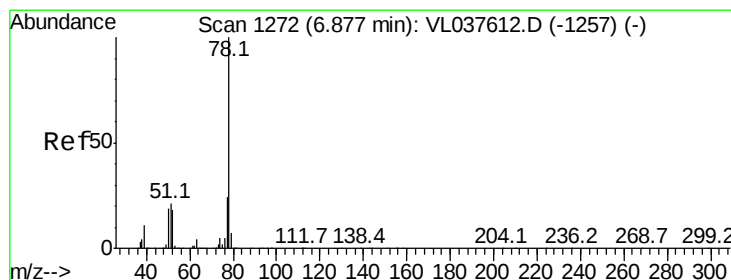
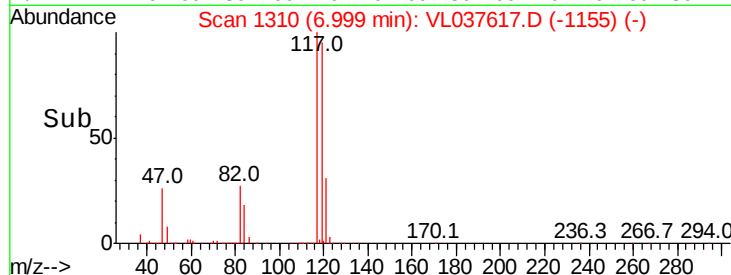
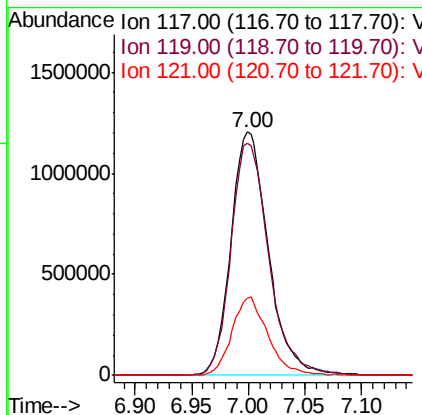
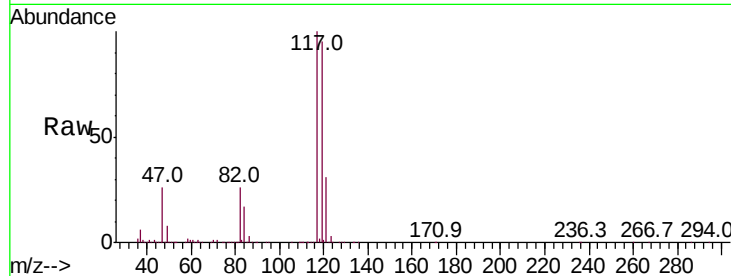
119 95.1 77.0 115.6

121 31.5 24.5 36.7

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#36

Benzene

Concen: 9.861 ppbv

RT: 6.87 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

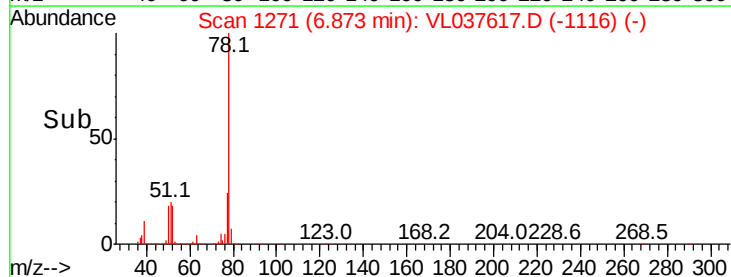
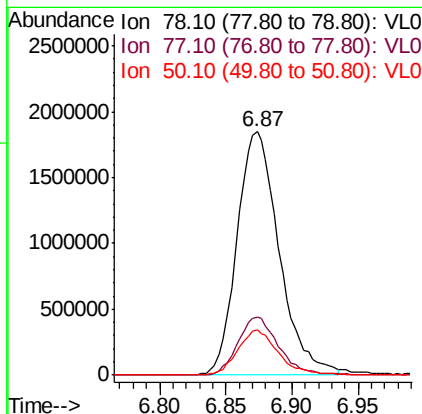
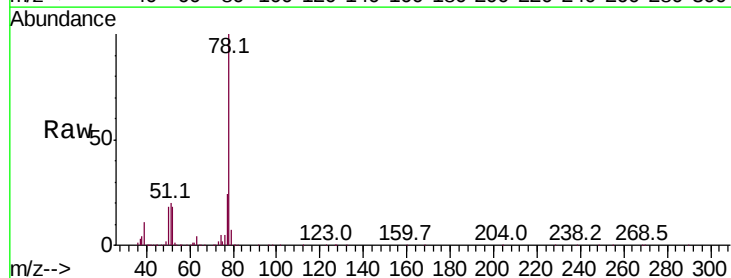
Tgt Ion: 78 Resp: 4075013

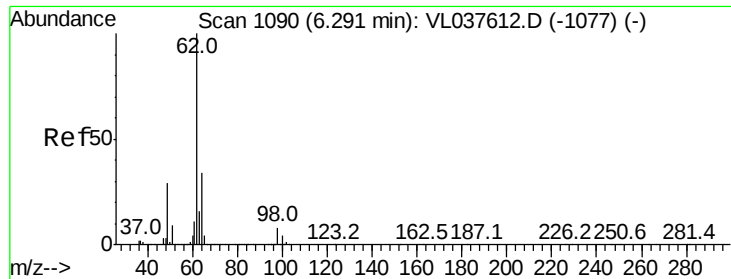
Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4

50 18.3 14.8 22.2





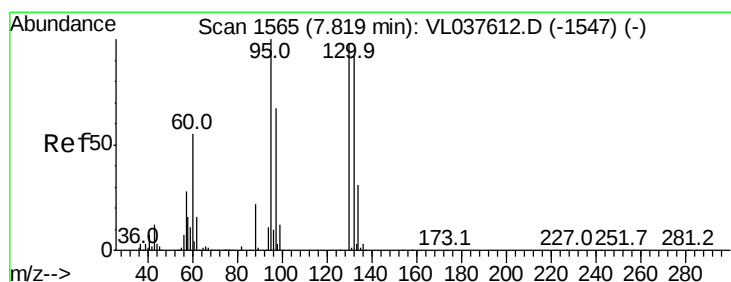
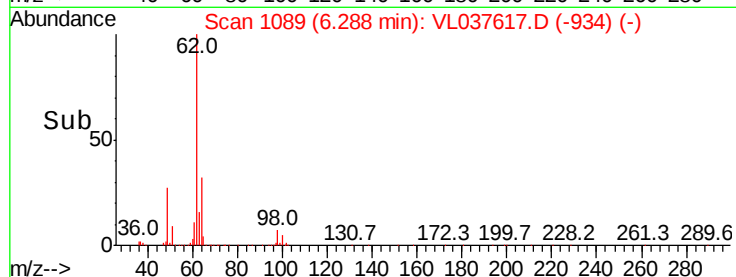
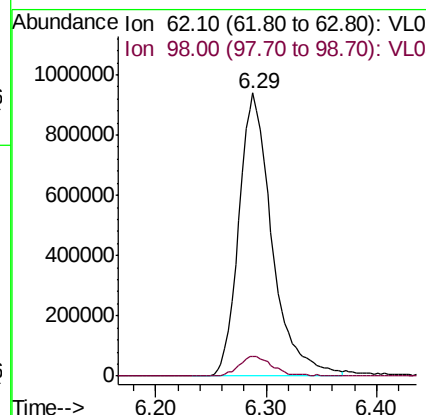
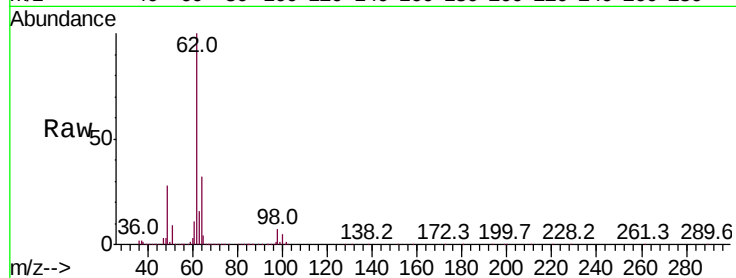
#37
1,2-Dichloroethane
Concen: 9.635 ppbv
RT: 6.29 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion: 62 Resp: 1958332
Ion Ratio Lower Upper
62 100
98 7.4 6.1 9.1

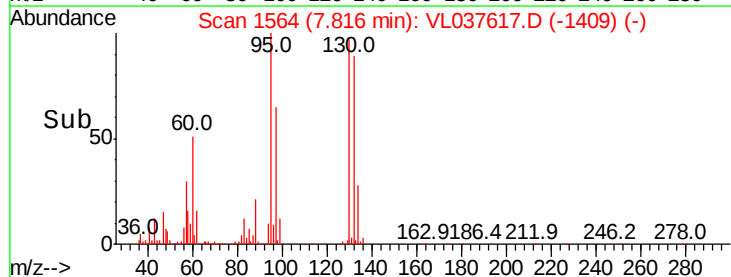
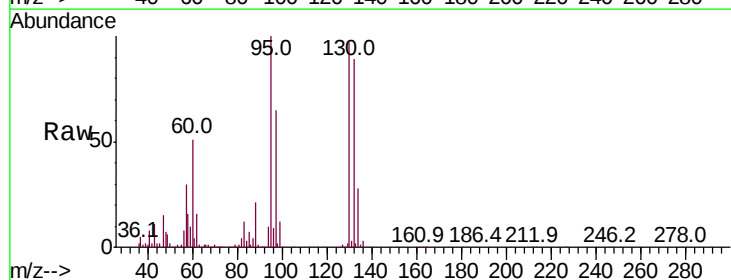
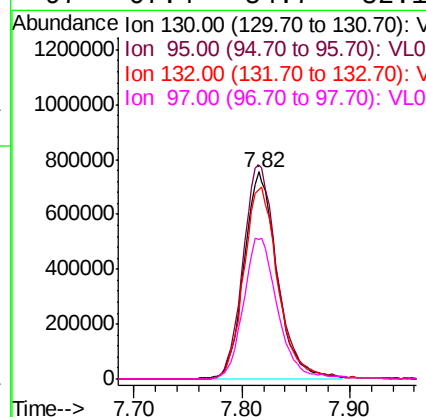
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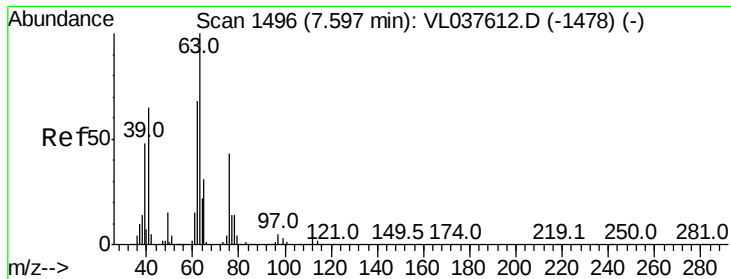
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#38
Trichloroethene
Concen: 9.277 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion:130 Resp: 1601485
Ion Ratio Lower Upper
130 100
95 103.3 81.8 122.6
132 91.6 75.3 112.9
97 67.4 54.7 82.1





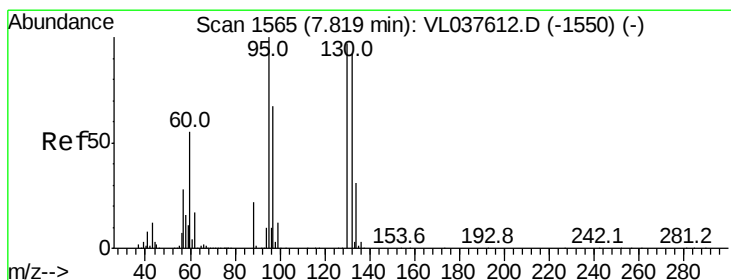
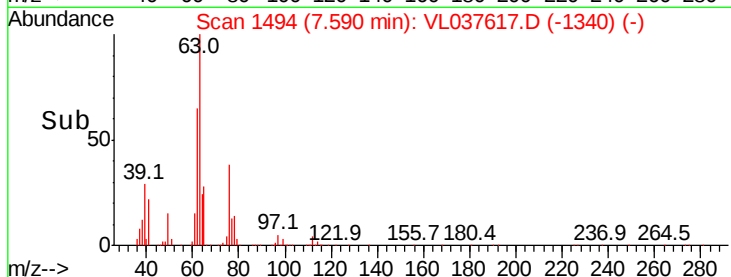
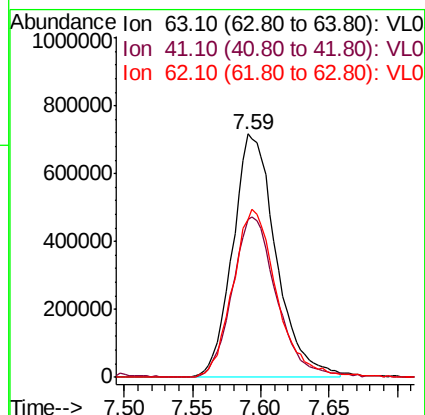
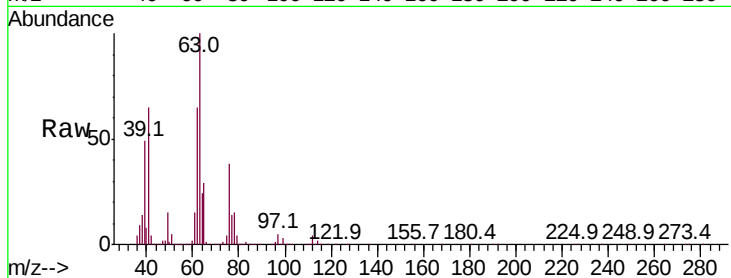
#39
 1,2-Dichloropropane
 Concen: 9.942 ppbv
 RT: 7.59 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091621

Tot Ion	Ratio	Lower	Upper
63	100		
41	64.5	51.6	77.4
62	64.5	54.6	81.8

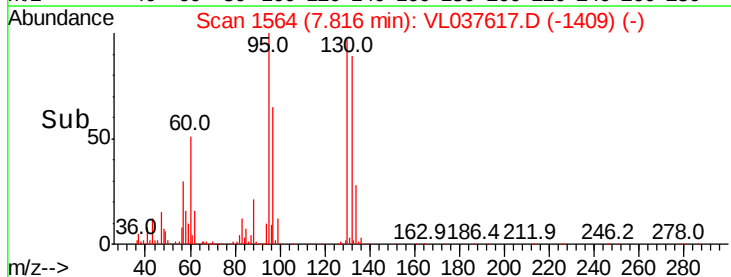
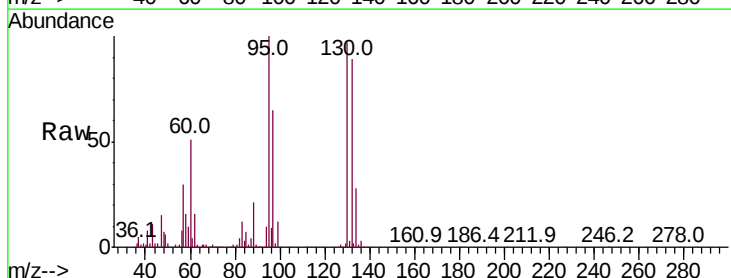
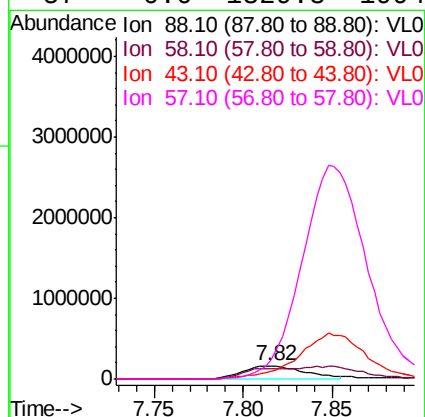
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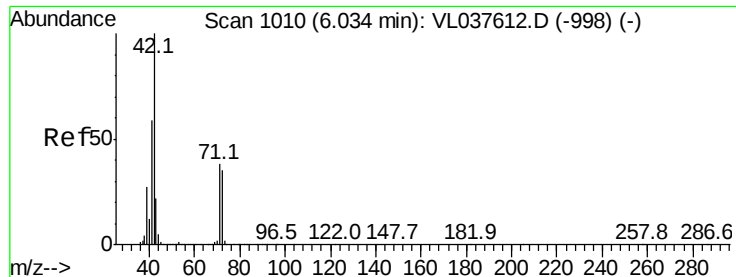
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#40
 1,4-Dioxane
 Concen: 10.083 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Tgt 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#





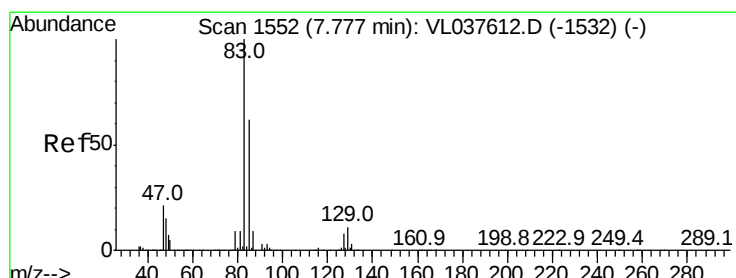
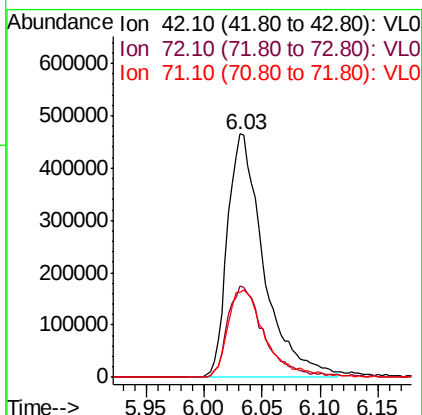
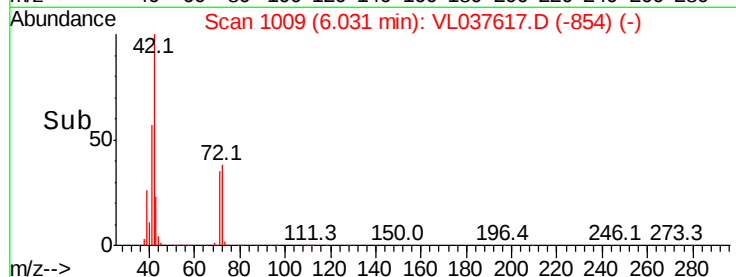
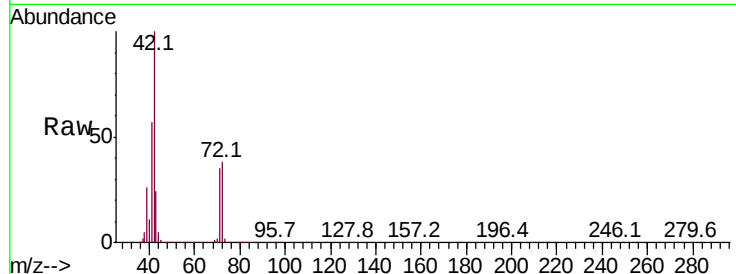
#41
Tetrahydrofuran
Concen: 10.672 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.9	31.4	47.2
71	37.7	30.6	46.0

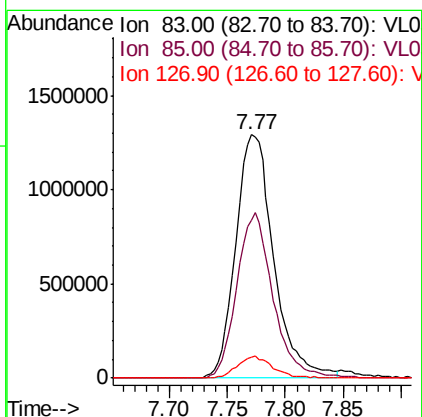
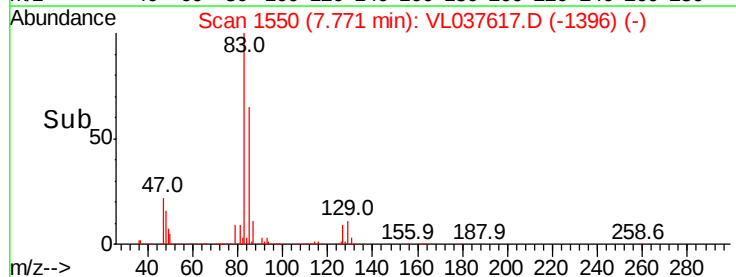
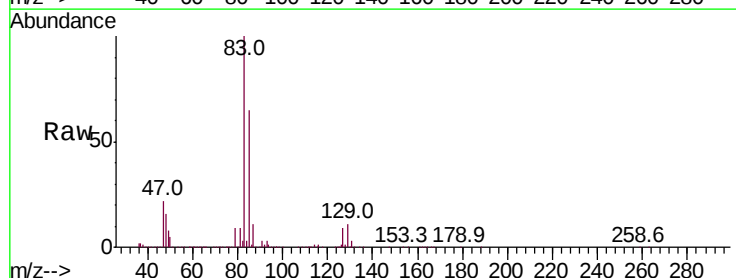
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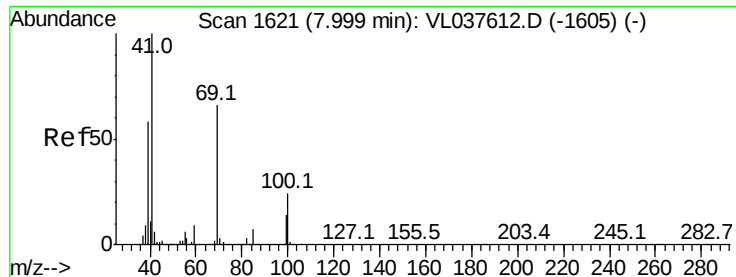
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#42
Bromodichloromethane
Concen: 10.109 ppbv
RT: 7.77 min Scan# 1550
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.8	74.6
127	8.6	6.4	9.6





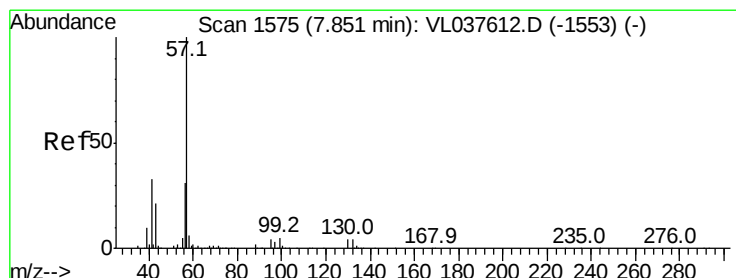
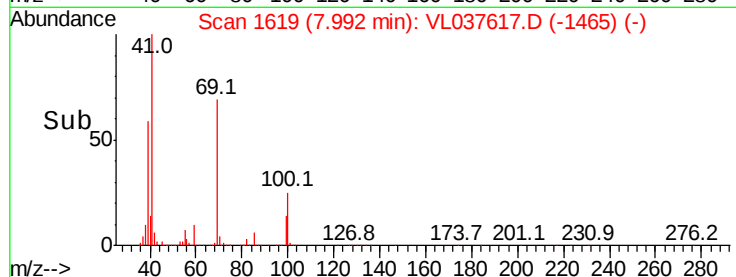
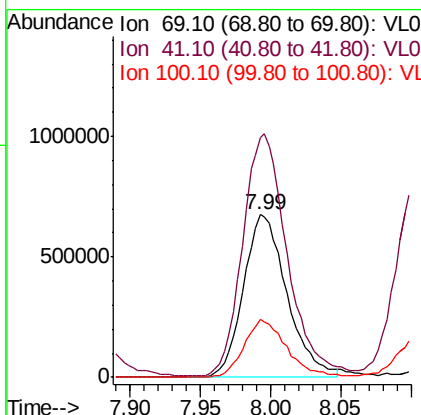
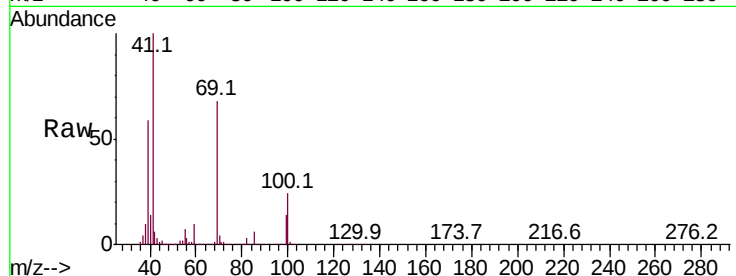
#43
Methvl Methacrylate
Concen: 10.589 ppbv
RT: 7.99 min Scan# 1619
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion: 69 Resp: 1455841
Ion Ratio Lower Upper
69 100
41 153.7 119.0 178.4
100 34.9 27.6 41.4

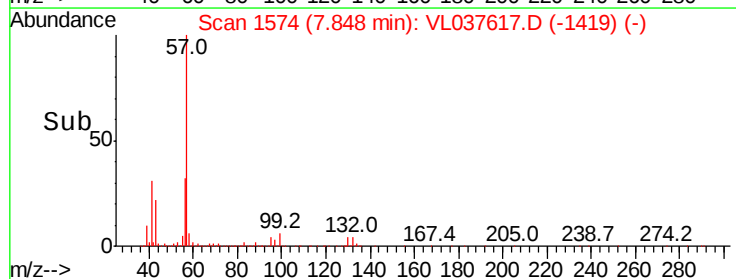
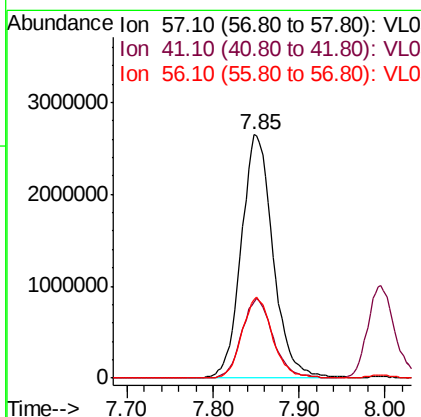
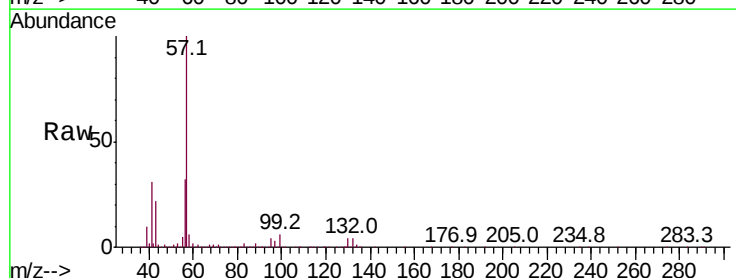
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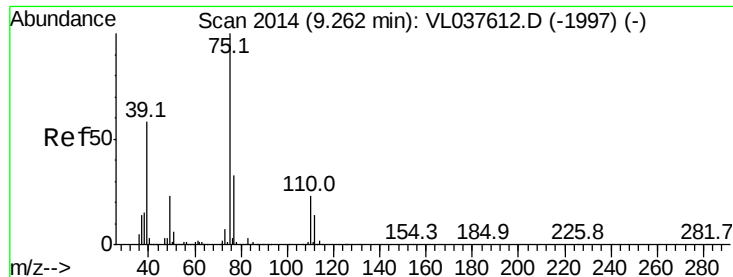
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#44
2,2,4-Trimethylpentane
Concen: 9.795 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion: 57 Resp: 6804955
Ion Ratio Lower Upper
57 100
41 32.2 26.1 39.1
56 32.0 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 11.848 ppbv

RT: 9.26 min Scan# 2013

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091621

Tot Ion: 75 Resp: 1279424

Ion Ratio Lower Upper

75 100

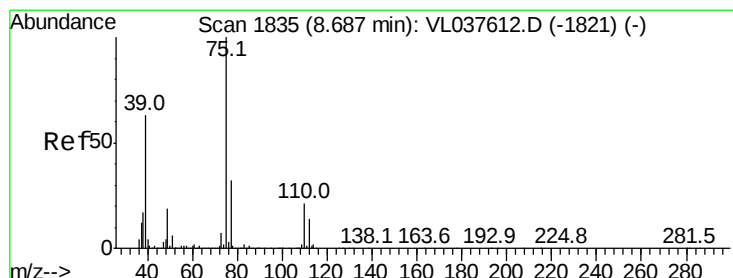
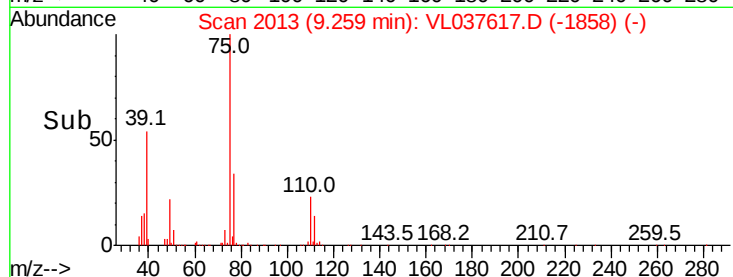
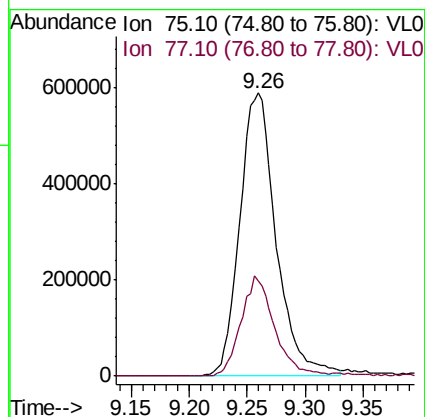
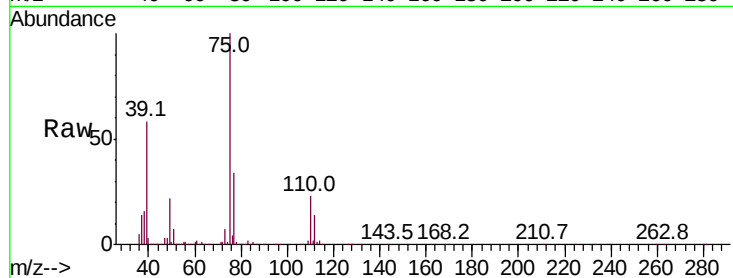
77 33.6 26.3 39.5

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#46

cis-1,3-Dichloropropene

Concen: 11.560 ppbv

RT: 8.68 min Scan# 1833

Delta R.T. -0.01 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

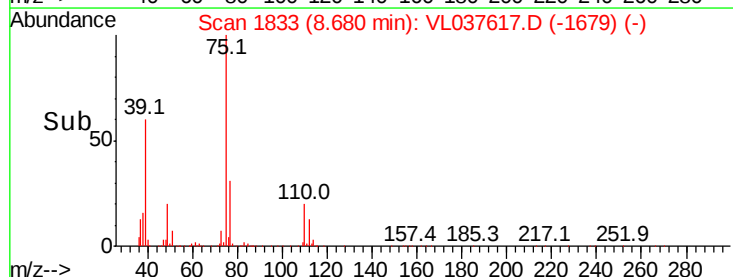
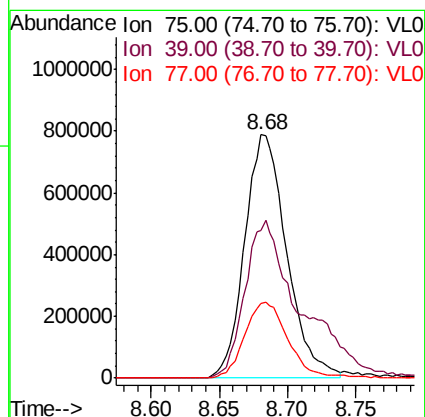
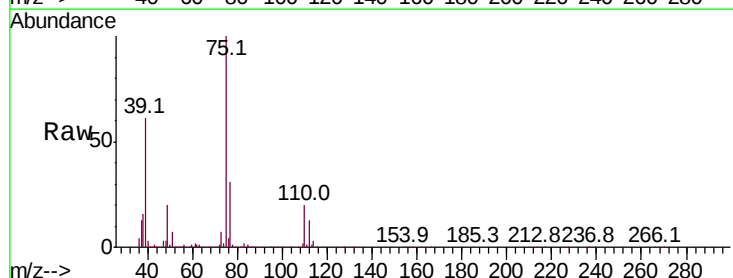
Tgt Ion: 75 Resp: 1686287

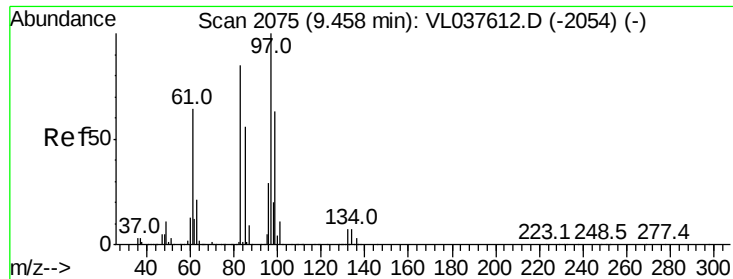
Ion Ratio Lower Upper

75 100

39 60.5 50.2 75.4

77 30.9 25.2 37.8





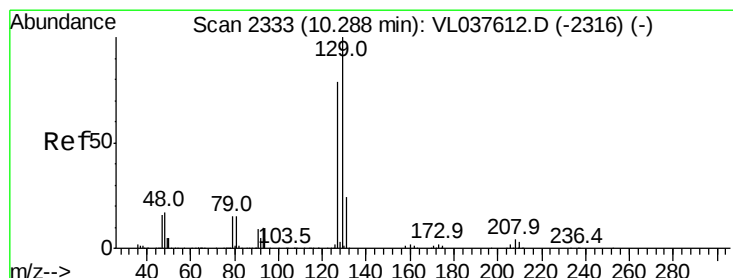
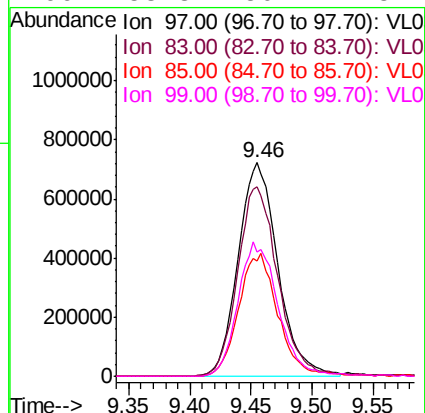
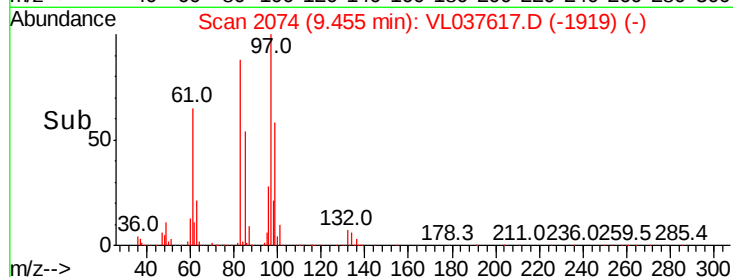
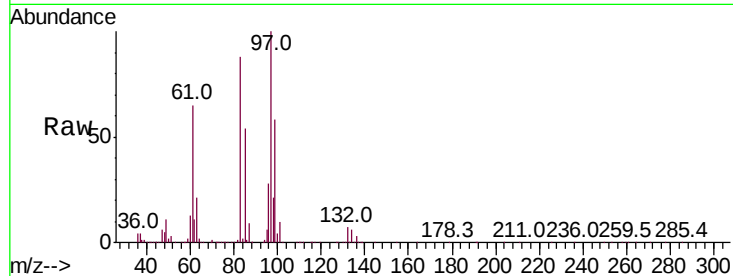
#47
 1,1,2-Trichloroethane
 Concen: 9.256 ppbv
 RT: 9.46 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091621

Tot Ion	97	Resp	1620697
Ion	Ratio	Lower	Upper
97	100		
83	88.4	67.9	101.9
85	53.6	44.8	67.2
99	58.3	50.1	75.1

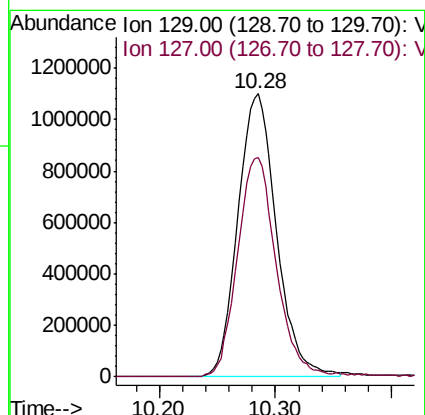
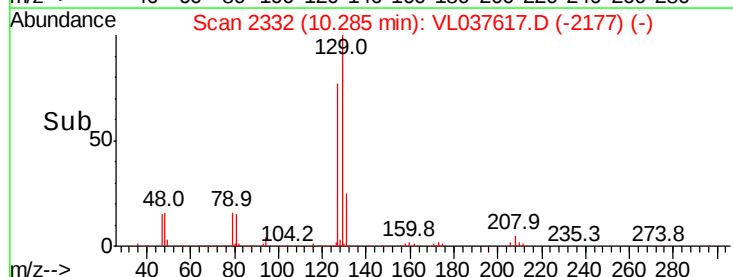
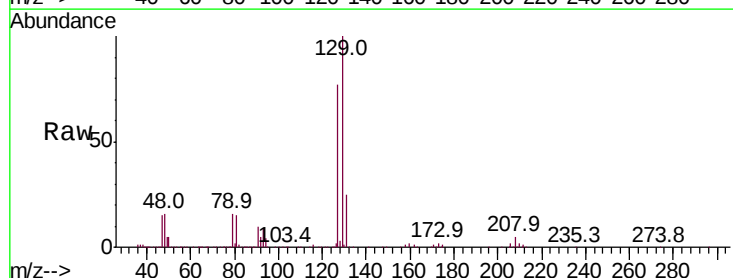
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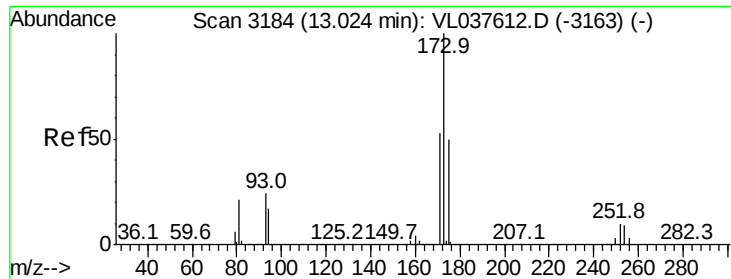
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#48
 Dibromochloromethane
 Concen: 10.424 ppbv
 RT: 10.28 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Tgt Ion	129	Resp	2546145
Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.3	117.8





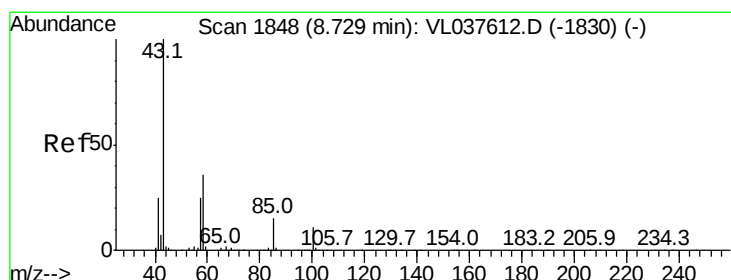
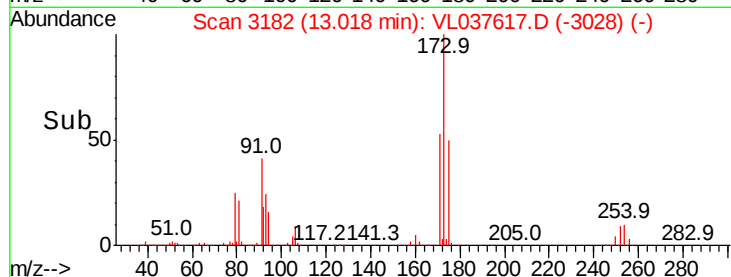
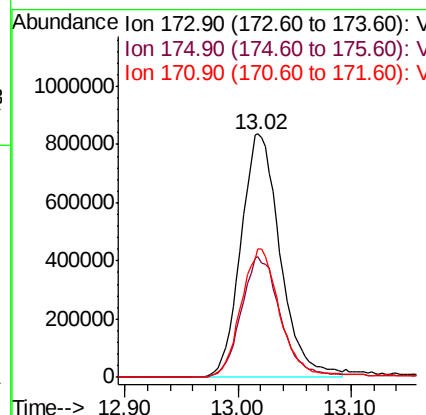
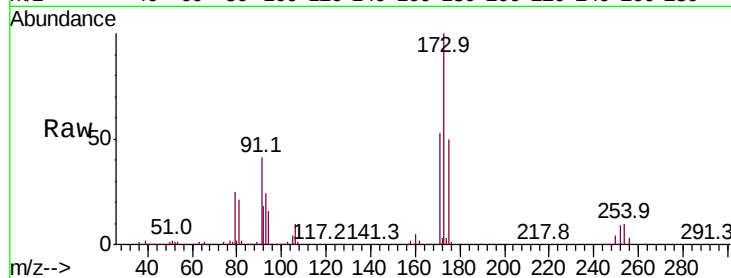
#49
Bromoform
Concen: 10.336 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion:173 Resp: 2020718
Ion Ratio Lower Upper
173 100
175 50.7 39.8 59.8
171 53.7 42.2 63.4

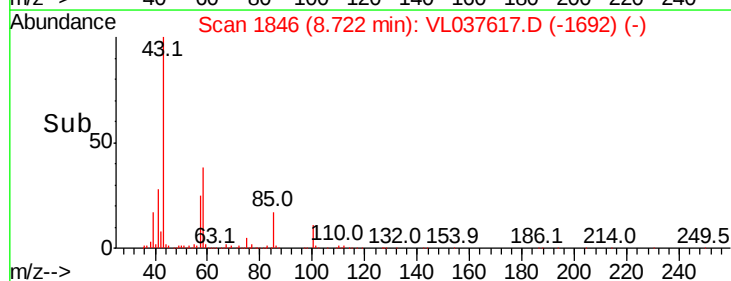
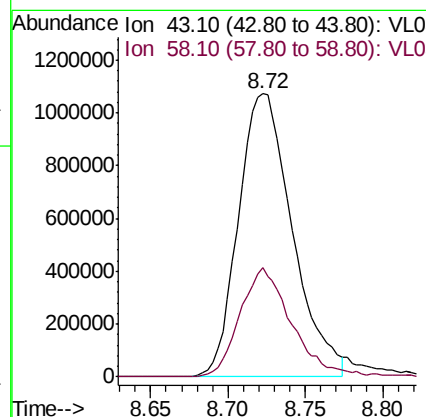
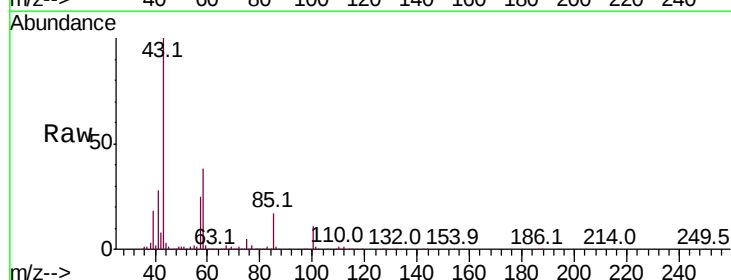
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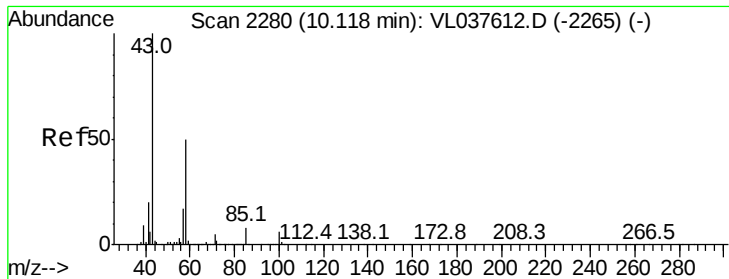
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#50
4-Methyl-2-Pentanone
Concen: 10.118 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion: 43 Resp: 2586432
Ion Ratio Lower Upper
43 100
58 37.9 29.4 44.2





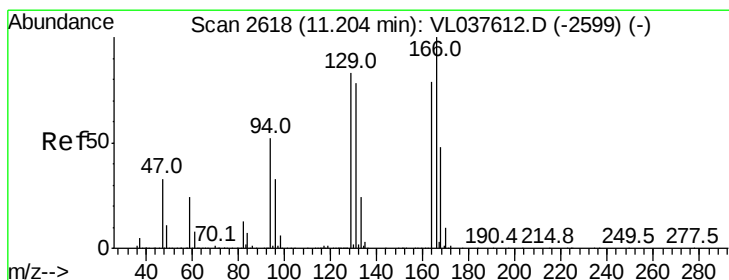
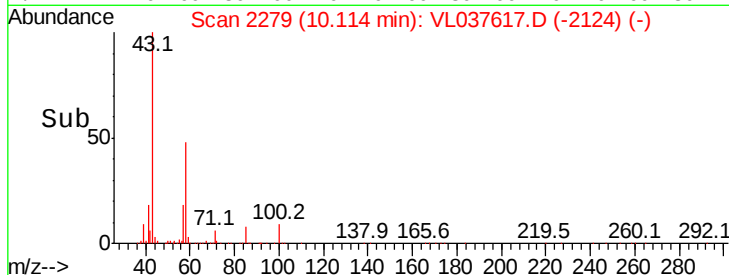
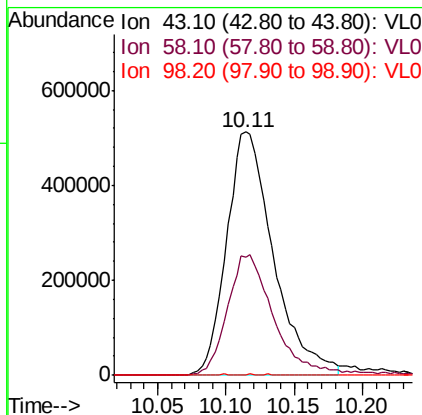
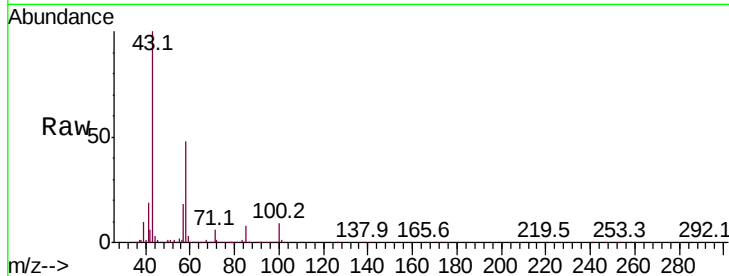
#51
2-Hexanone
Concen: 10.746 ppbv
RT: 10.11 min Scan# 2279
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion: 43 Resp: 1211931
Ion Ratio Lower Upper
43 100
58 50.3 39.3 58.9
98 0.4 0.4 0.6

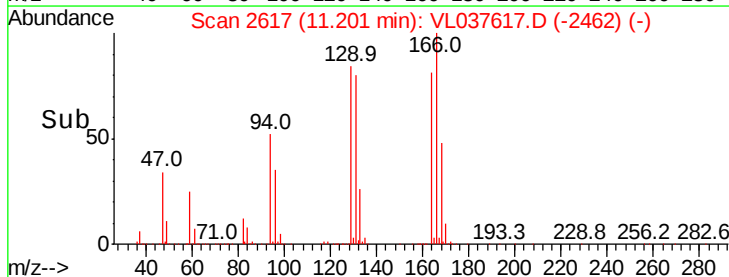
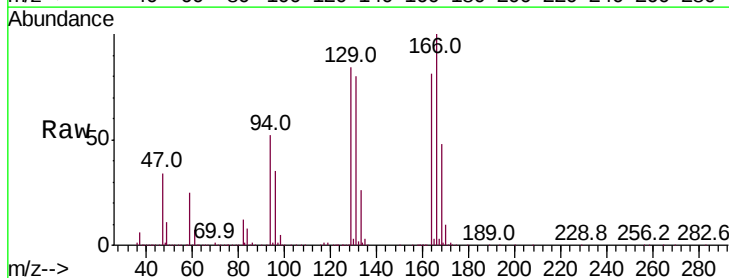
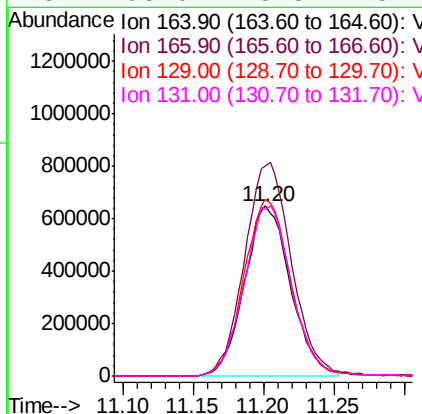
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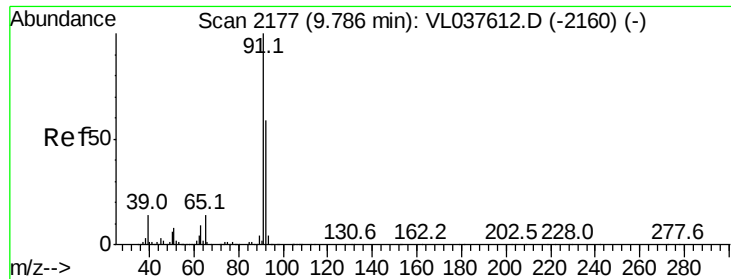
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#52
Tetrachloroethene
Concen: 9.295 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion: 164 Resp: 1474584
Ion Ratio Lower Upper
164 100
166 123.3 101.2 151.8
129 103.6 84.0 126.0
131 98.0 78.8 118.2





#53

Toluene

Concen: 10.215 ppbv

RT: 9.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091621

Tot Ion: 91 Resp: 4692161

Ion Ratio Lower Upper

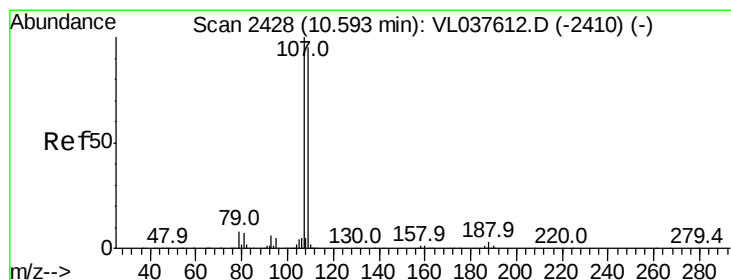
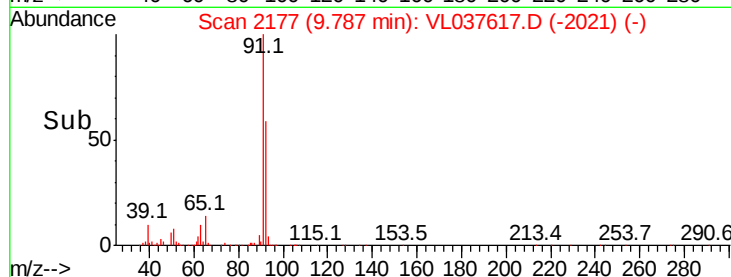
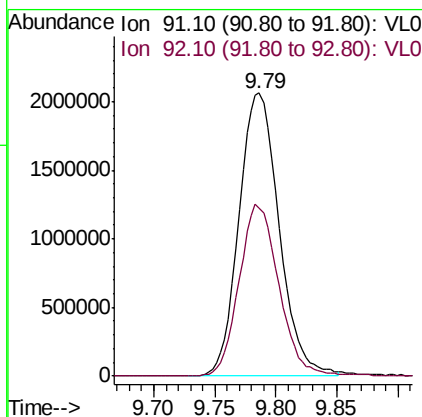
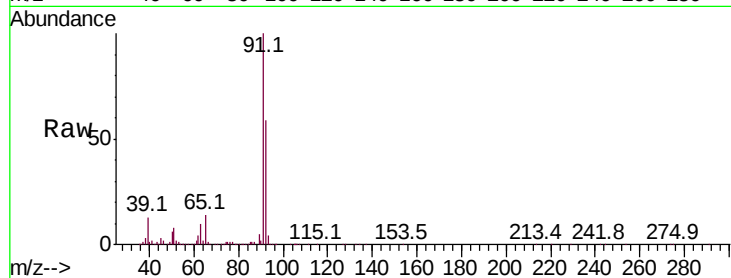
91 100

92 60.8 48.9 73.3

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#54

1,2-Dibromoethane

Concen: 9.774 ppbv

RT: 10.59 min Scan# 2427

Delta R.T. -0.00 min

Lab File: VL037617.D

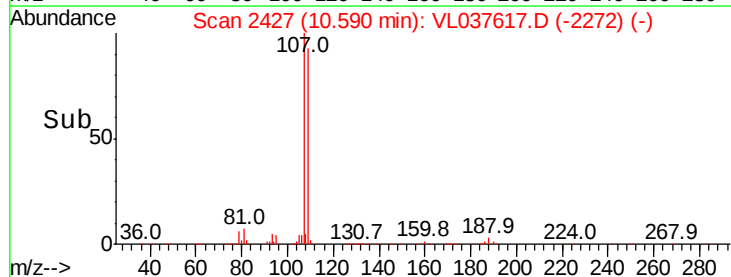
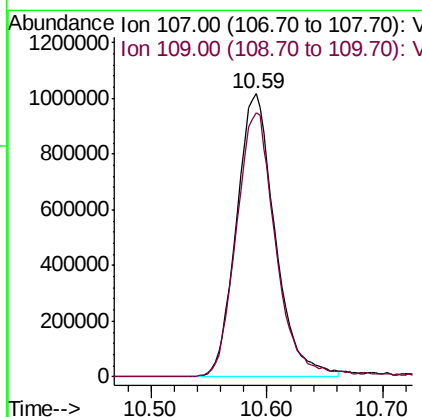
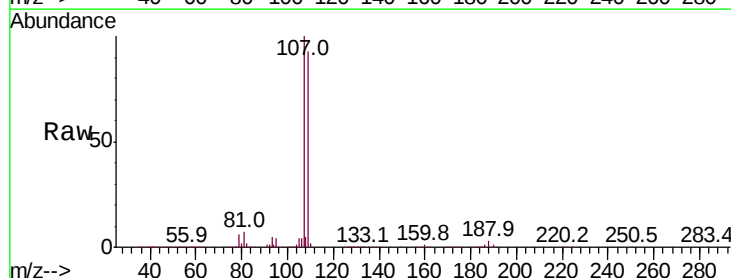
Acq: 16 Sep 2021 14:01

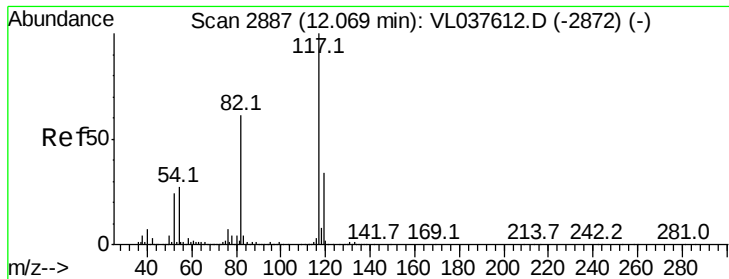
Tgt Ion: 107 Resp: 2343342

Ion Ratio Lower Upper

107 100

109 93.2 76.0 114.0





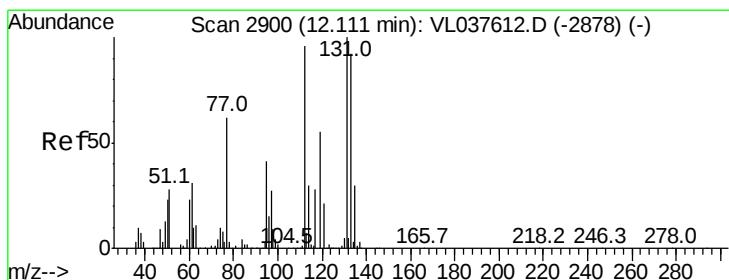
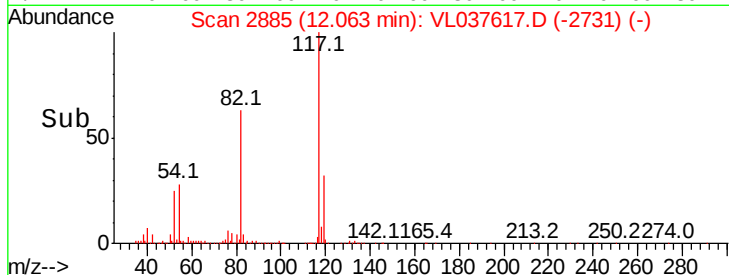
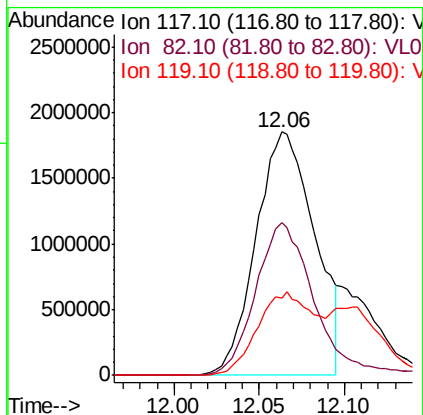
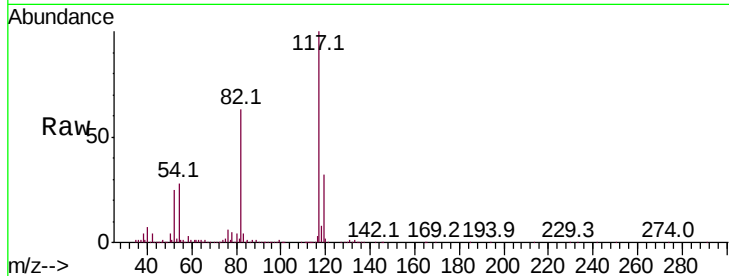
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion:117 Resp: 4439064
Ion Ratio Lower Upper
117 100
82 64.3 50.6 75.8
119 59.6 26.2 39.2#

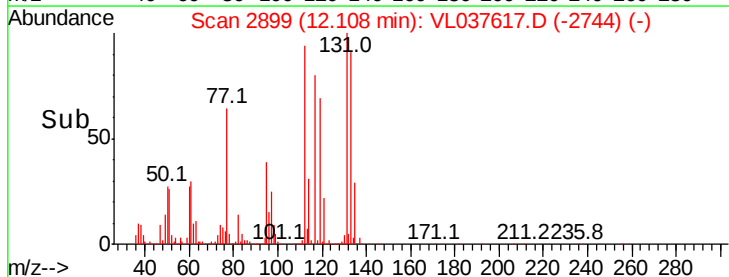
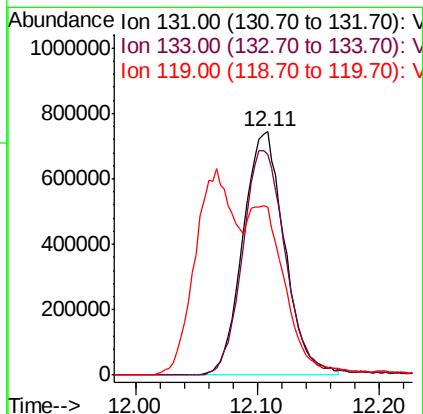
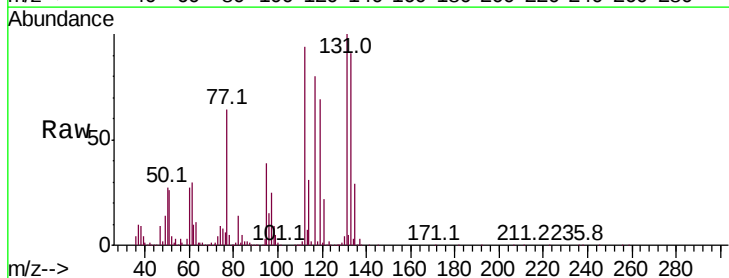
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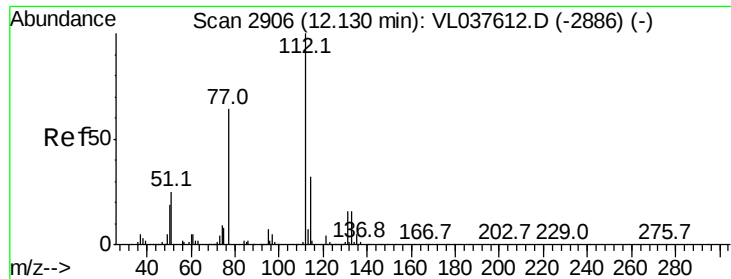
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.517 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion:131 Resp: 1752406
Ion Ratio Lower Upper
131 100
133 97.1 76.8 115.2
119 65.4 47.8 71.8





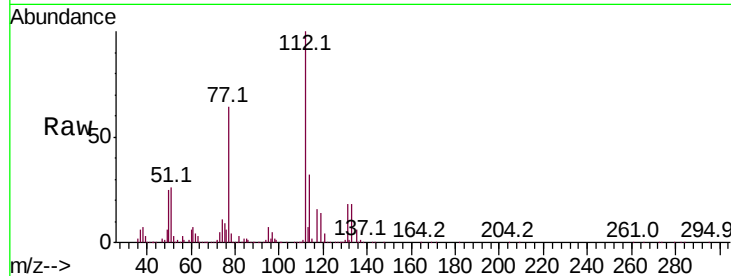
#57
Chlorobenzene
Concen: 9.176 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

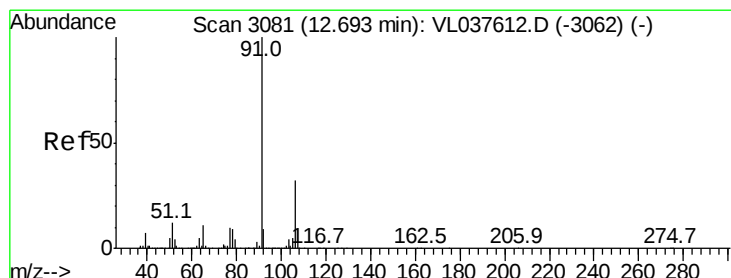
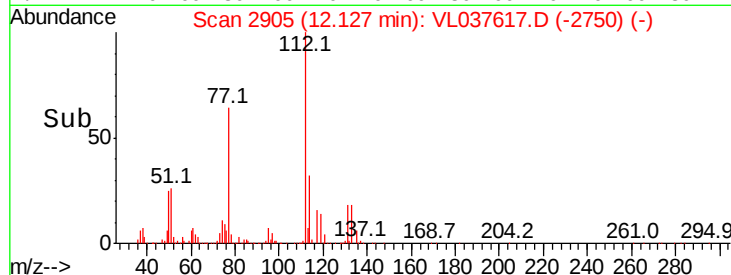
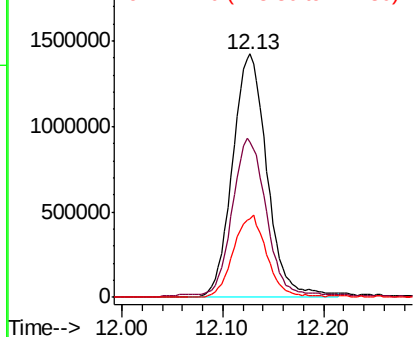
Tot Ion	Ratio	Lower	Upper
112	100		
77	62.6	52.1	78.1
114	31.9	29.2	35.6

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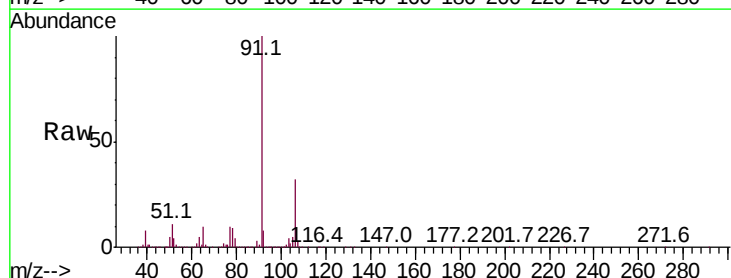


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

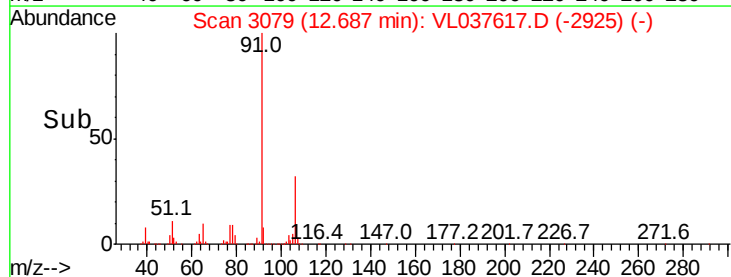
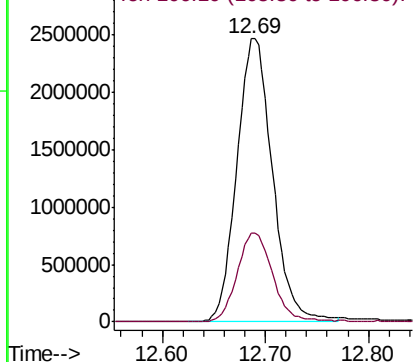


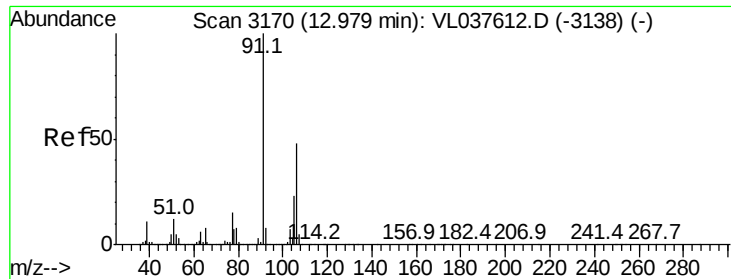
#58
Ethyl Benzene
Concen: 10.072 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.3	37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





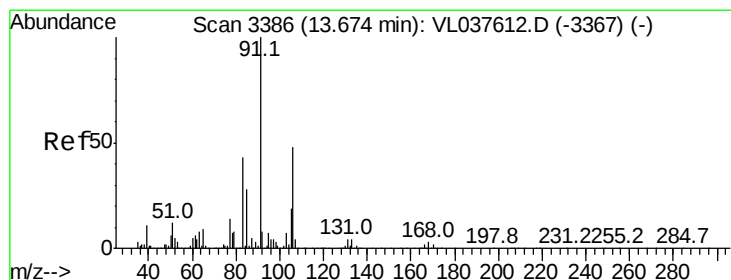
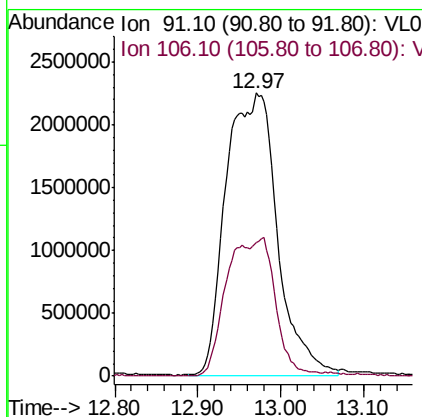
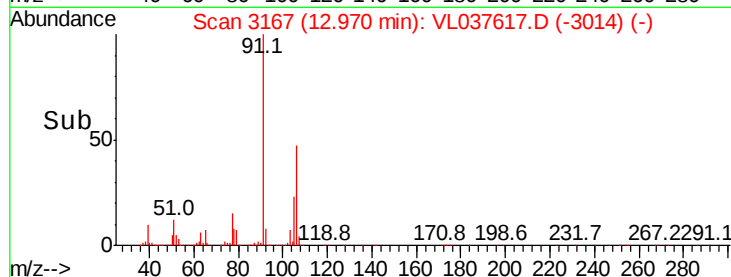
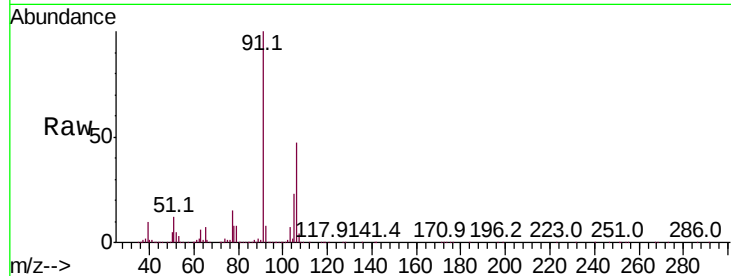
#59
m/p-Xylene
Concen: 18.932 ppbv m
RT: 12.97 min Scan# 3167
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion: 91 Resp: 9721656
Ion Ratio Lower Upper
91 100
106 46.6 36.6 55.0

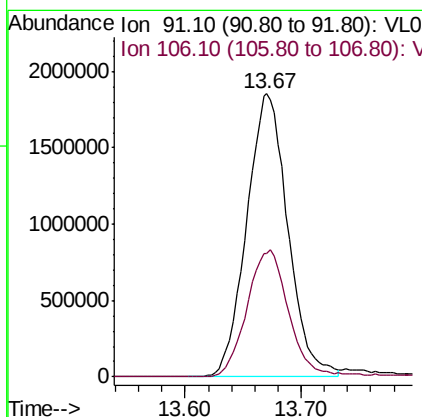
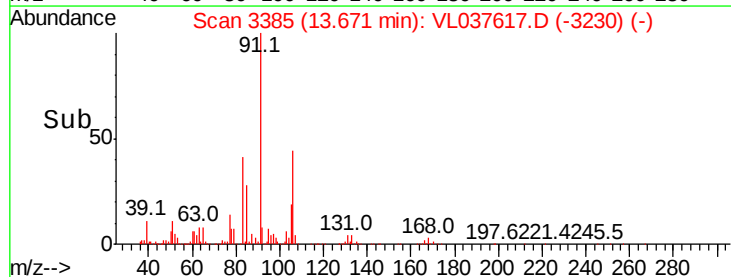
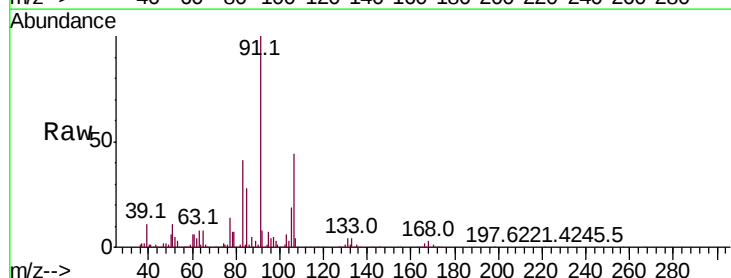
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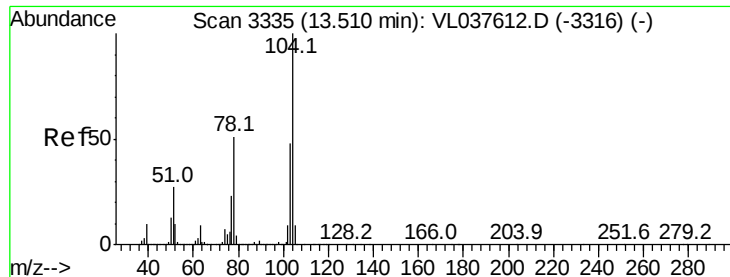
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#60
o-Xylene
Concen: 9.329 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion: 91 Resp: 4559827
Ion Ratio Lower Upper
91 100
106 46.2 23.0 69.0





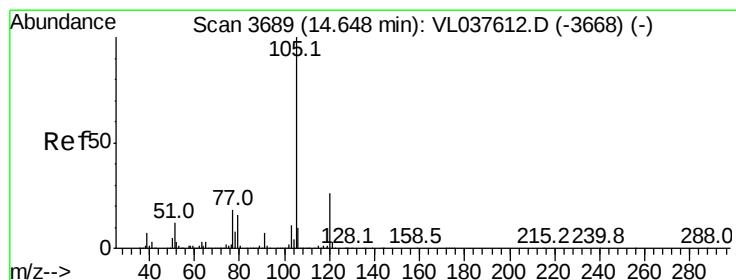
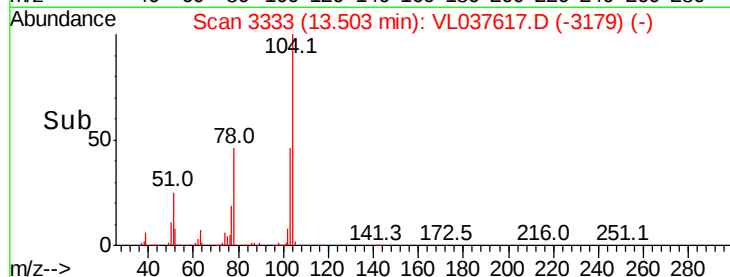
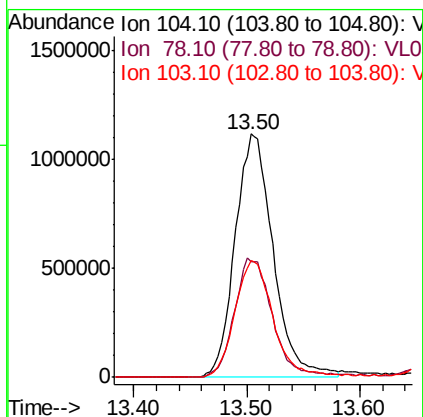
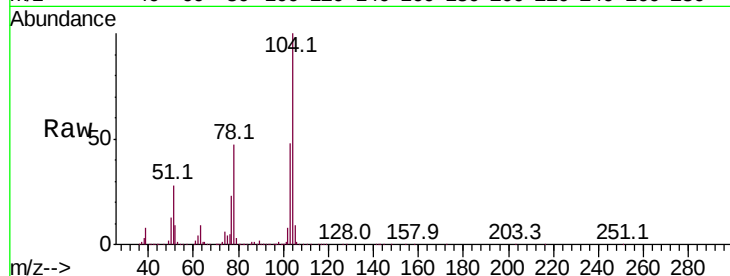
#61
Stvrene
Concen: 10.881 ppbv
RT: 13.50 min Scan# 3333
Delta R.T. -0.01 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.7	59.5
103	48.9	38.8	58.2

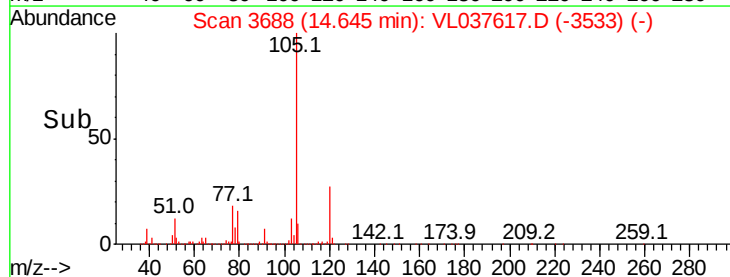
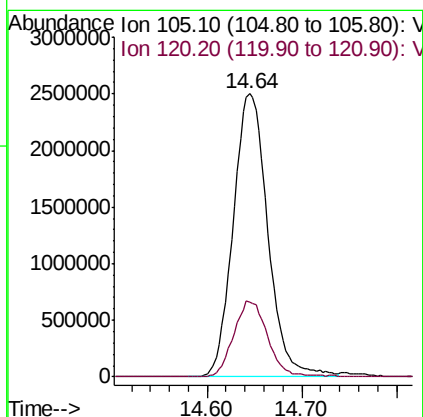
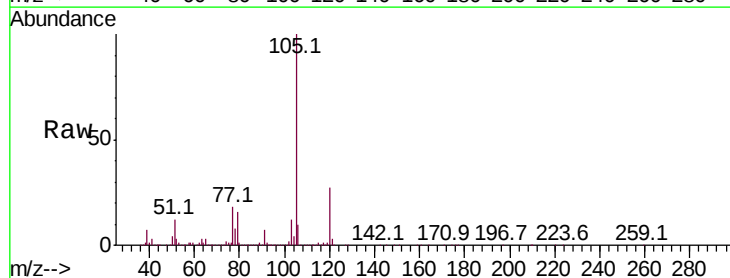
Manual Integrations
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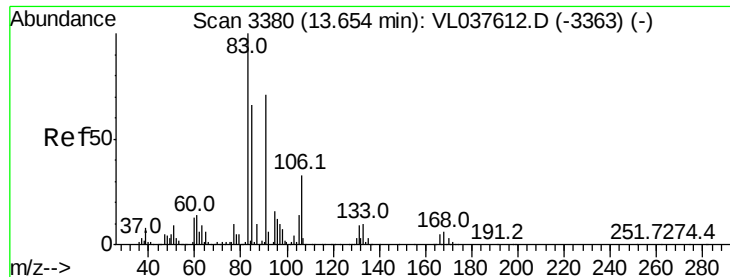
MMDadoda
9/20/2021 5:27:00 PM



#62
Isopropylbenzene
Concen: 9.332 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.4	32.0





#63

1,1,2,2-Tetrachloroethane

Concen: 8.181 ppbv

RT: 13.65 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091621

Tot Ion: 83 Resp: 3129156

Ion Ratio Lower Upper

83 100

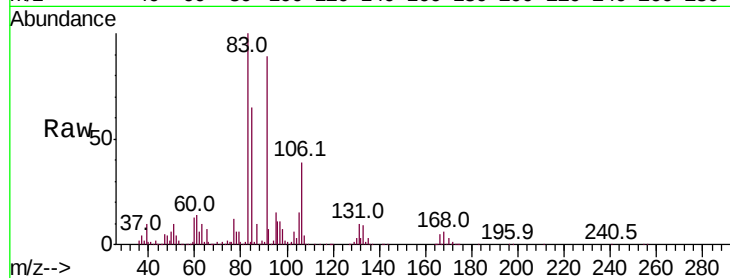
131 10.1 5.1 15.3

85 66.7 33.3 99.9

Manual Integrations
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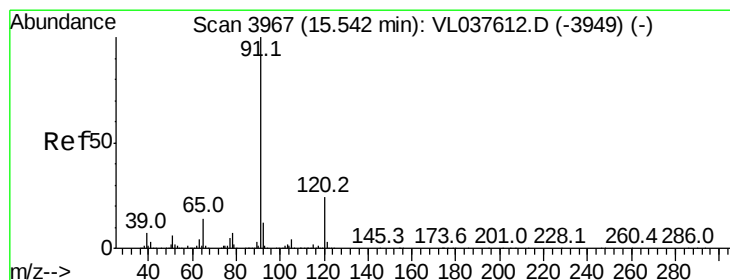
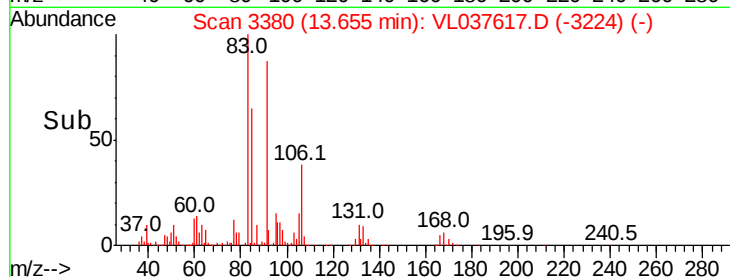
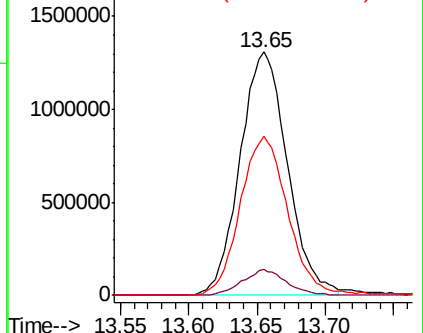
9/20/2021 5:27:00 PM



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: 9.744 ppbv

RT: 15.54 min Scan# 3966

Delta R.T. -0.00 min

Lab File: VL037617.D

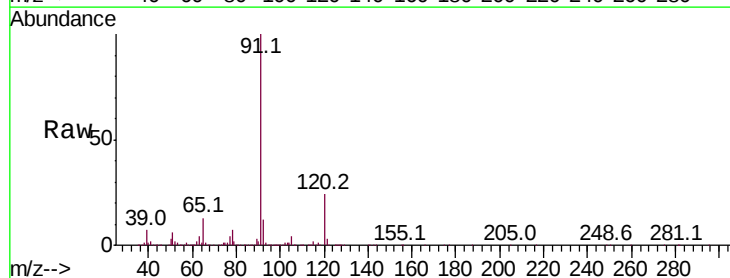
Acq: 16 Sep 2021 14:01

Tgt Ion: 120 Resp: 1716825

Ion Ratio Lower Upper

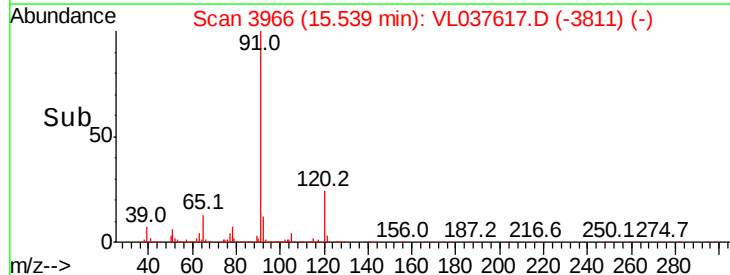
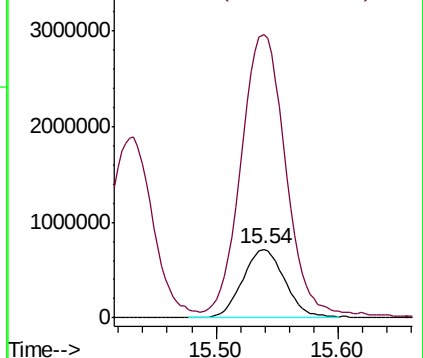
120 100

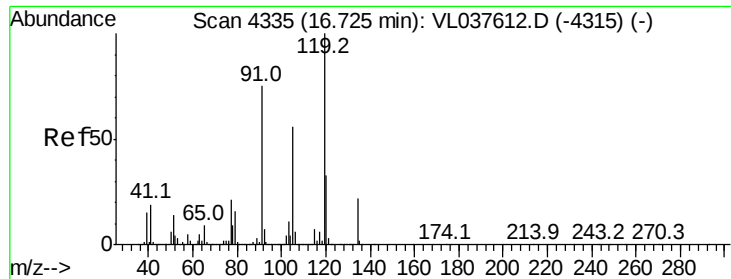
91 444.2 345.0 517.4



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 8.935 ppbv

RT: 16.72 min Scan# 4334

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091621

Tot Ion:119 Resp: 5500541

Ion Ratio Lower Upper

119 100

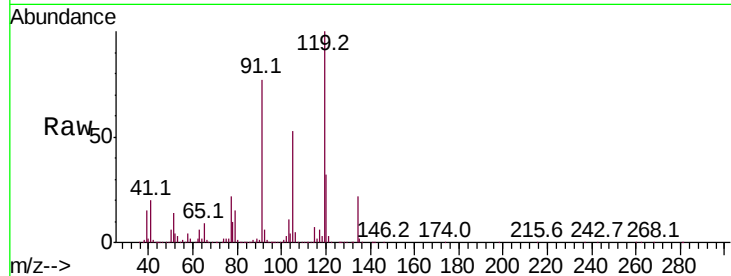
91 77.7 61.9 92.9

134 20.9 16.5 24.7

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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

2500000

2000000

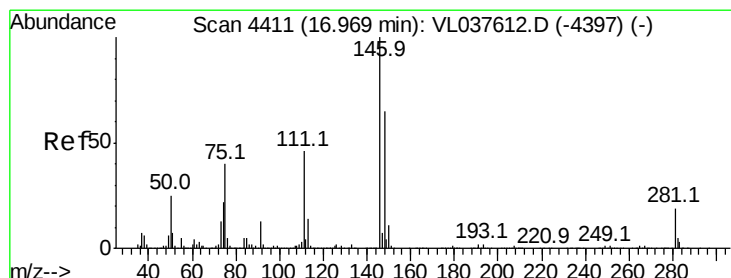
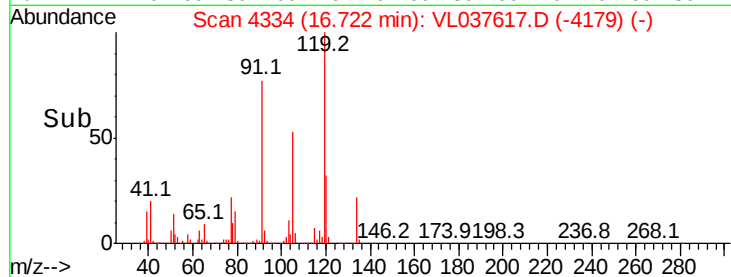
1500000

1000000

500000

0

16.60 16.70 16.80



#66

Benzyl Chloride

Concen: 10.045 ppbv

RT: 16.96 min Scan# 4409

Delta R.T. -0.01 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

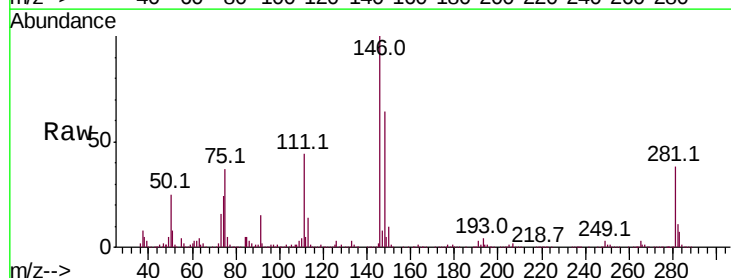
Tgt Ion: 91 Resp: 337936

Ion Ratio Lower Upper

91 100

126 19.0 14.4 21.6

128 7.3 5.7 8.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

200000

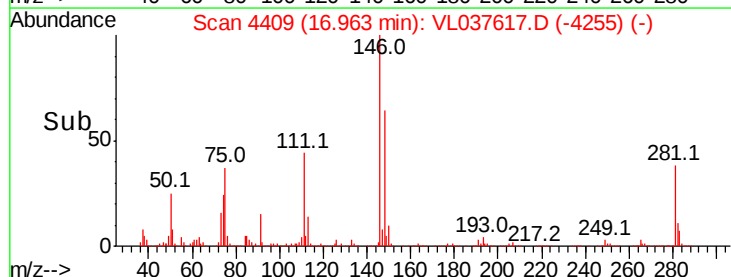
150000

100000

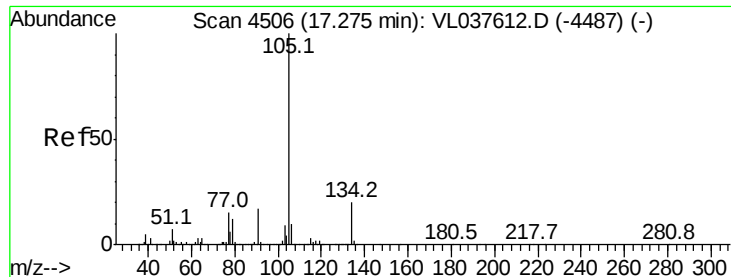
50000

0

16.90 16.95 17.00



Time-->



#67

sec-Butylbenzene

Concen: 9.080 ppbv

RT: 17.27 min Scan# 4505

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091621

Tot Ion:105 Resp: 7583489

Ion Ratio Lower Upper

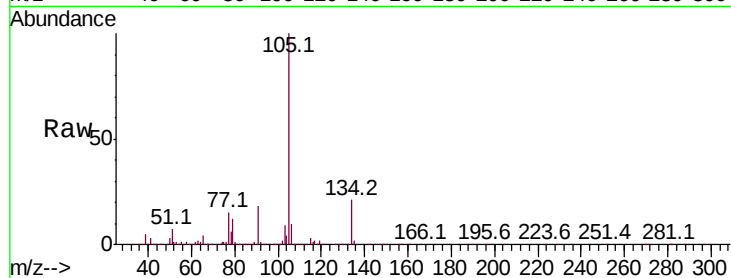
105 100

134 19.3 15.7 23.5

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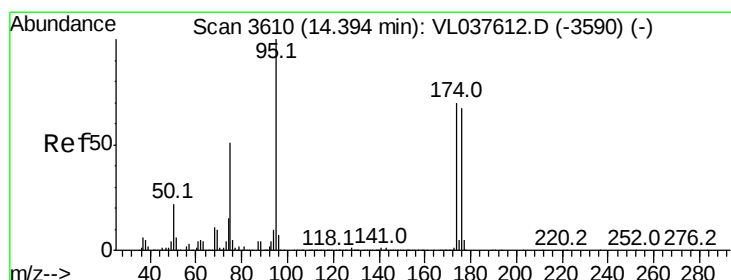
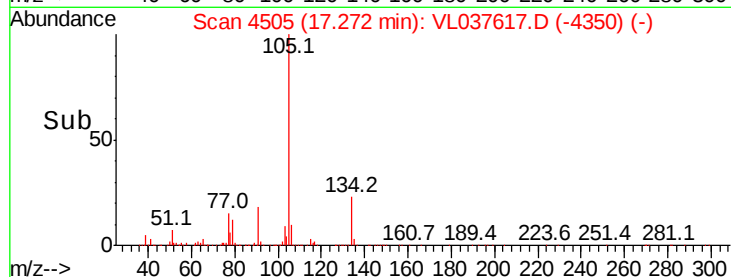
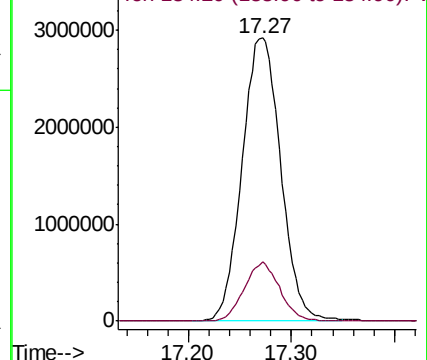
MMDadoda

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.037 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

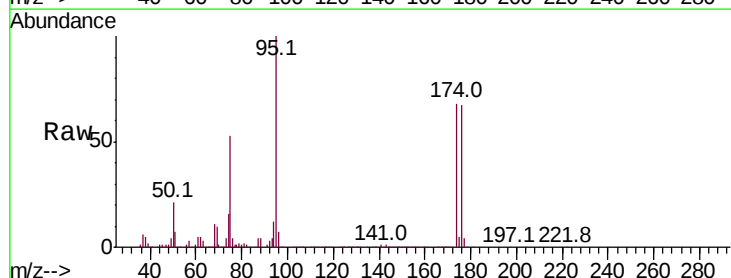
Tgt Ion: 95 Resp: 3219859

Ion Ratio Lower Upper

95 100

174 75.2 56.3 84.5

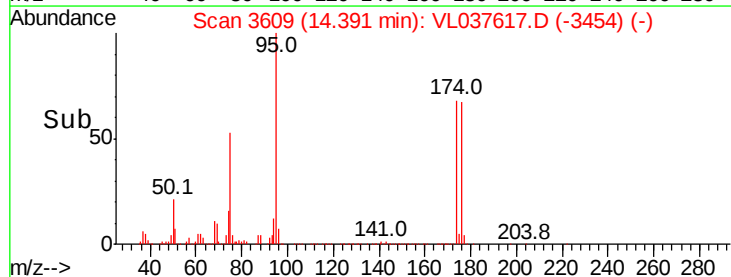
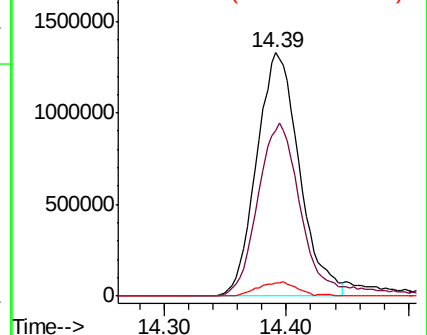
175 5.8 4.4 6.6

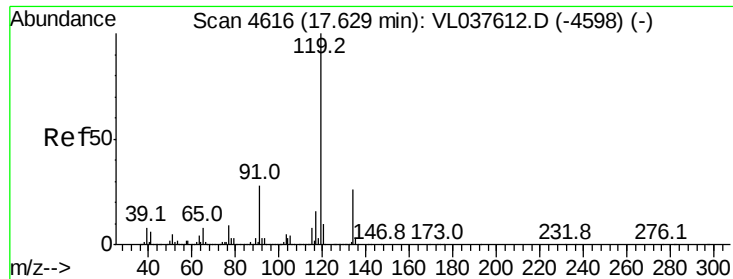


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





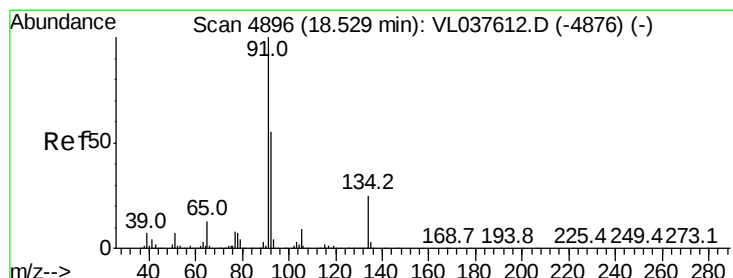
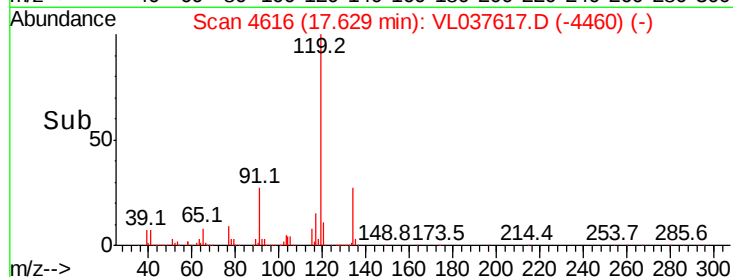
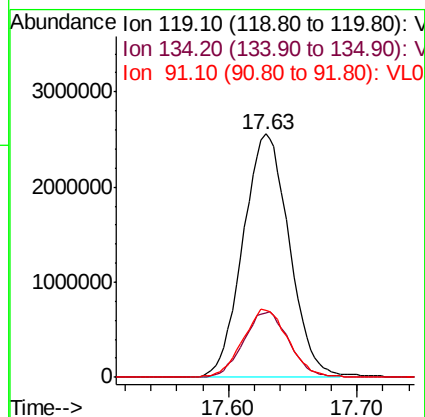
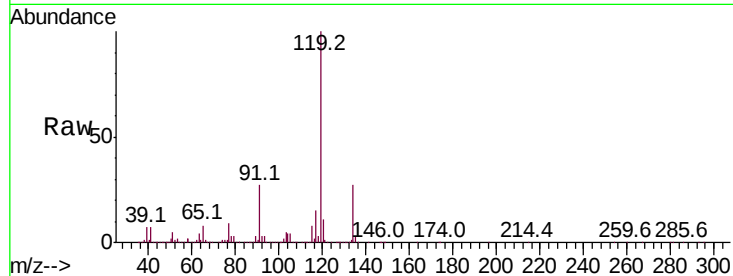
#69
p-Isopropyltoluene
Concen: 9.329 ppbv
RT: 17.63 min Scan# 4616
Delta R.T. 0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	21.2	31.8
91	27.8	22.2	33.2

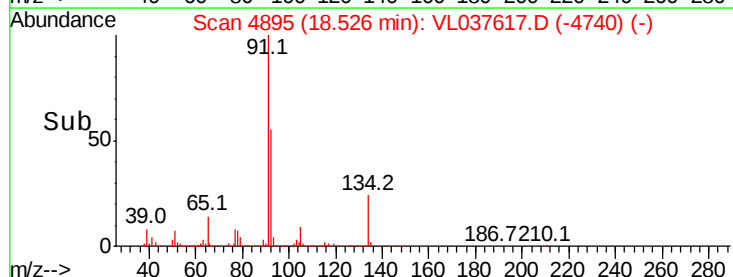
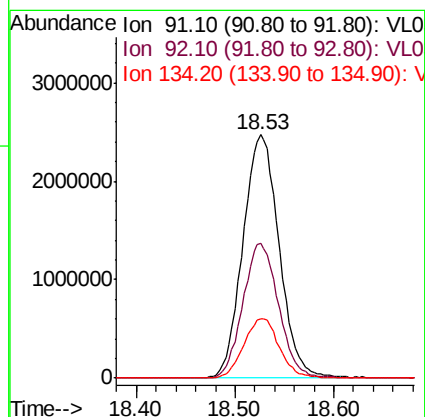
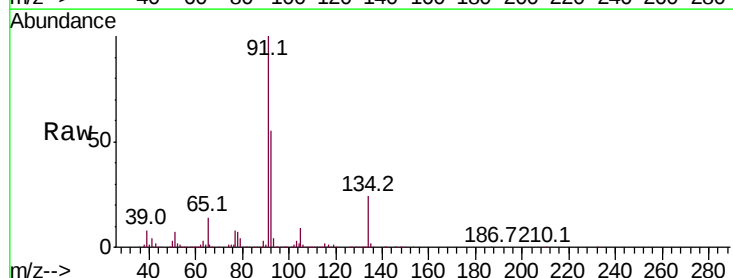
Manual Integrations
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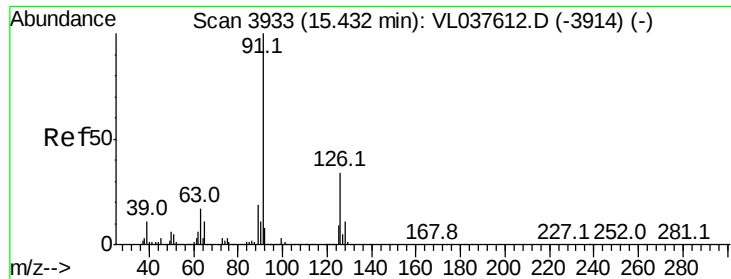
MMDadoda
9/20/2021 5:27:00 PM



#70
n-Butylbenzene
Concen: 9.684 ppbv
RT: 18.53 min Scan# 4895
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.0	44.0	66.0
134	24.1	19.5	29.3





#71

2-Chlorotoluene

Concen: 9.472 ppbv

RT: 15.43 min Scan# 3933

Delta R.T. 0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091621

Tot Ion: 91 Resp: 4634685

Ion Ratio Lower Upper

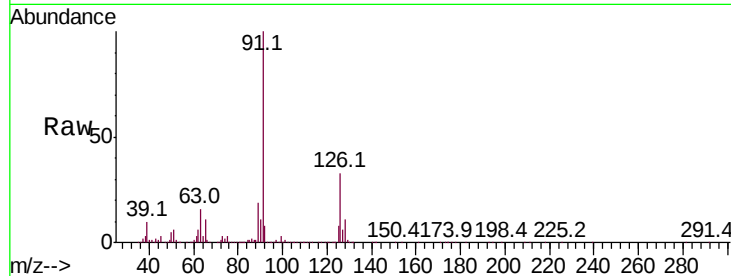
91 100

126 33.7 13.2 52.8

Manual Integrations
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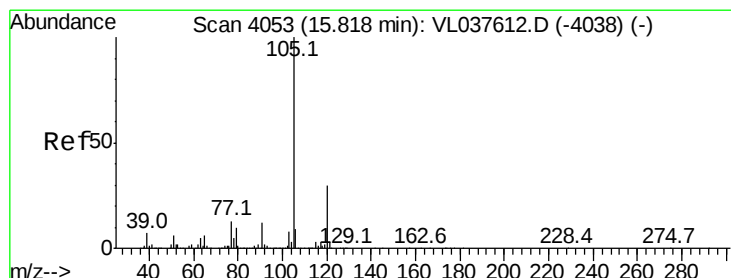
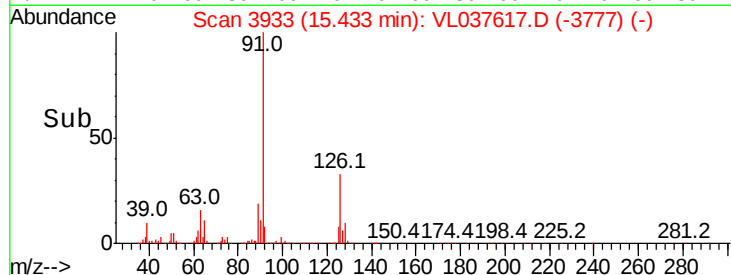
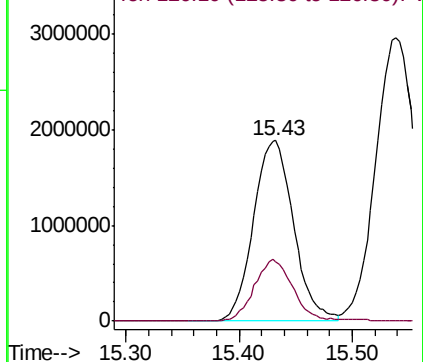
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 9.552 ppbv

RT: 15.82 min Scan# 4053

Delta R.T. 0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Tgt Ion: 105 Resp: 5358997

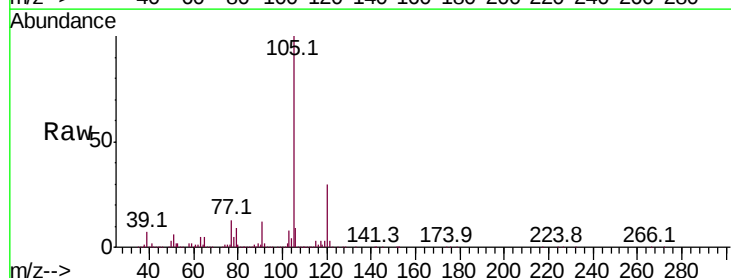
Ion Ratio Lower Upper

105 100

120 31.3 24.7 37.1

91 12.2 9.9 14.9

77 13.8 10.5 15.7

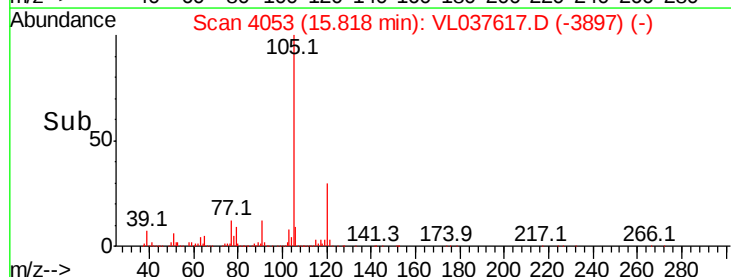
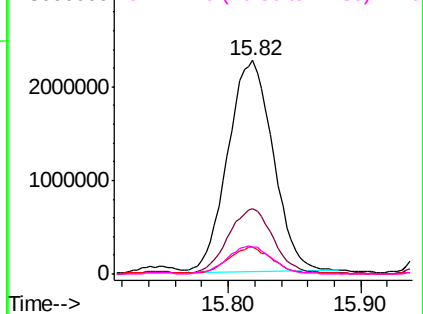


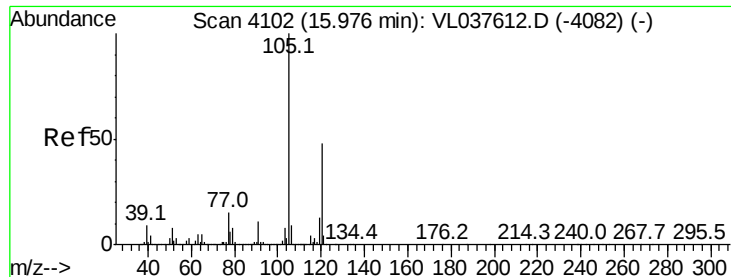
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





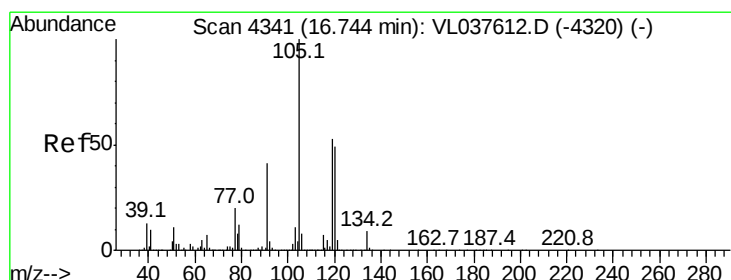
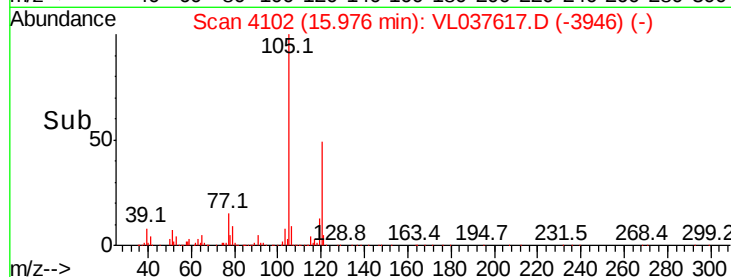
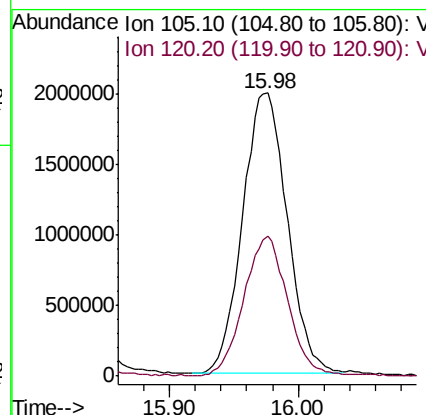
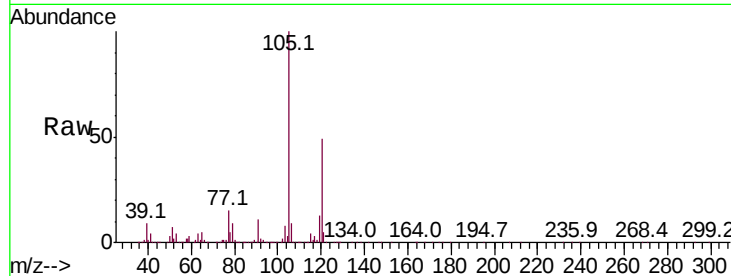
#73
 1,3,5-Trimethylbenzene
 Concen: 9.189 ppbv
 RT: 15.98 min Scan# 4102
 Delta R.T. 0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091621

Tot Ion:105 Resp: 4805323
 Ion Ratio Lower Upper
 105 100
 120 49.6 38.3 57.5

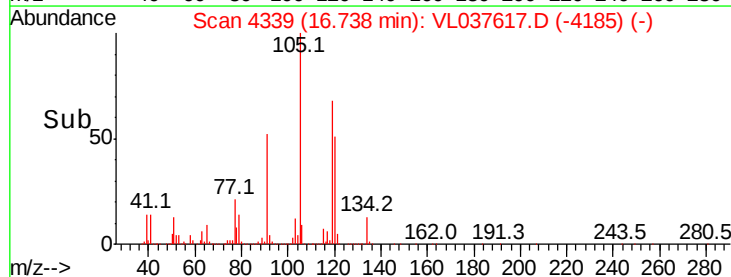
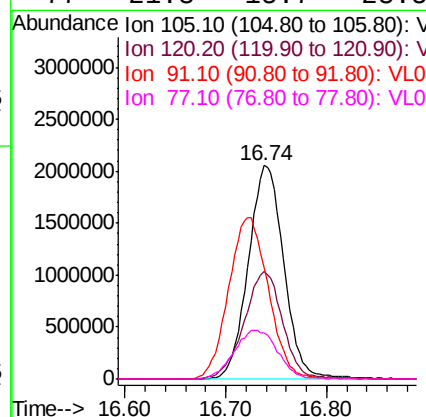
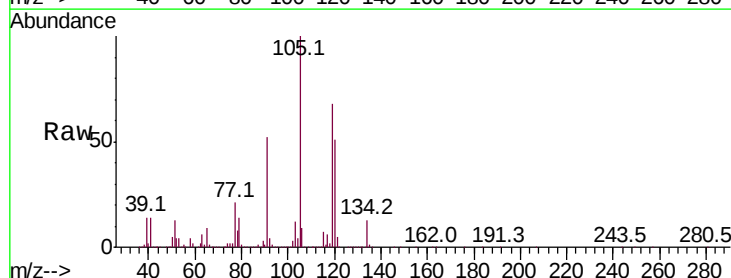
Manual Integrations
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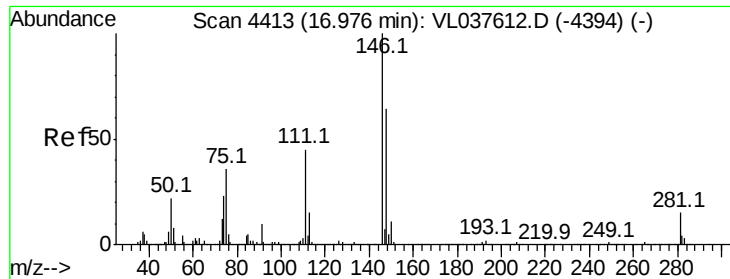
MMDadoda
 9/20/2021 5:27:00 PM



#74
 1,2,4-Trimethylbenzene
 Concen: 9.064 ppbv
 RT: 16.74 min Scan# 4339
 Delta R.T. -0.01 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Tgt Ion:105 Resp: 4992633
 Ion Ratio Lower Upper
 105 100
 120 50.6 39.4 59.0
 91 51.7 33.3 49.9#
 77 21.3 15.7 23.5





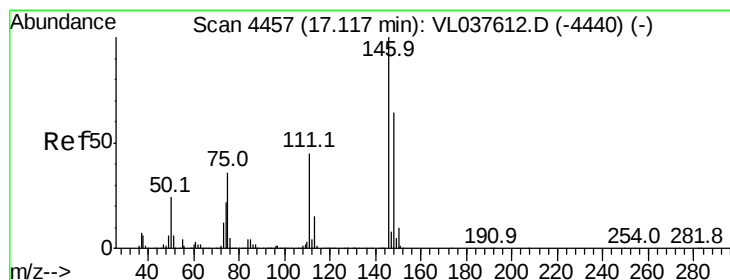
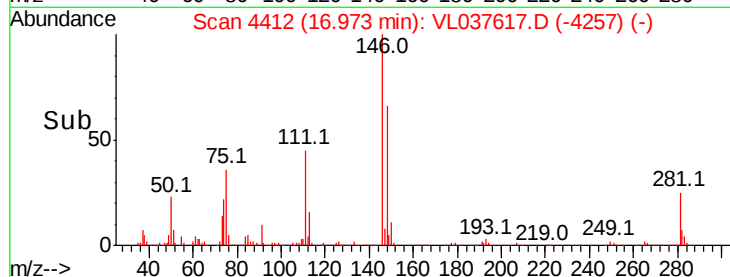
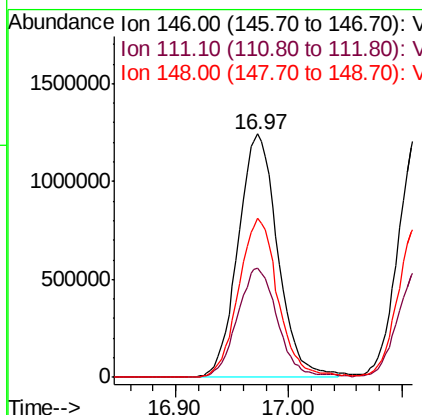
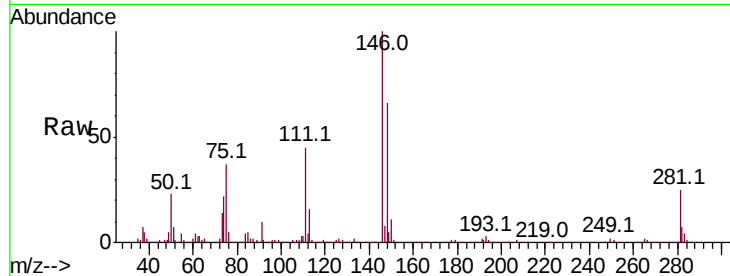
#75
 1,3-Dichlorobenzene
 Concen: 8.854 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T. -0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091621

Tot Ion:146 Resp: 3030146
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.8 68.3
 148 64.7 32.1 96.5

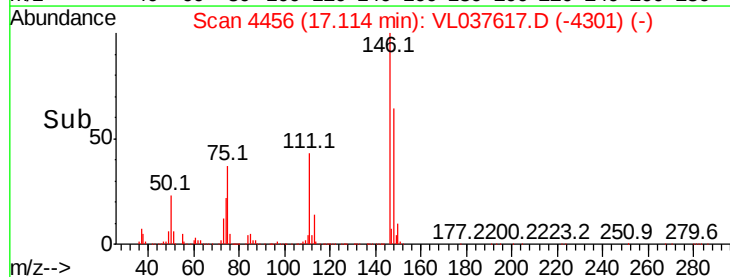
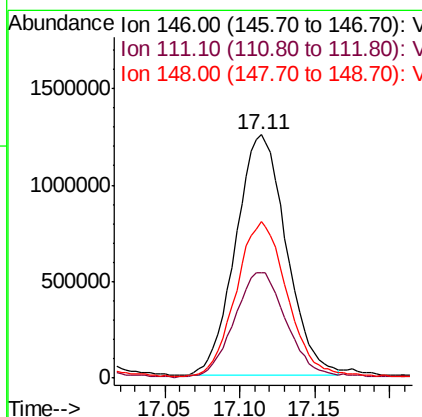
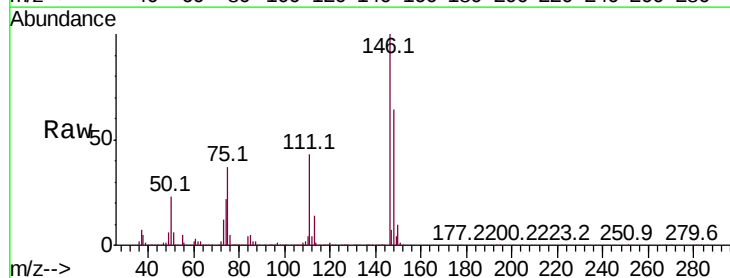
Manual Integrations
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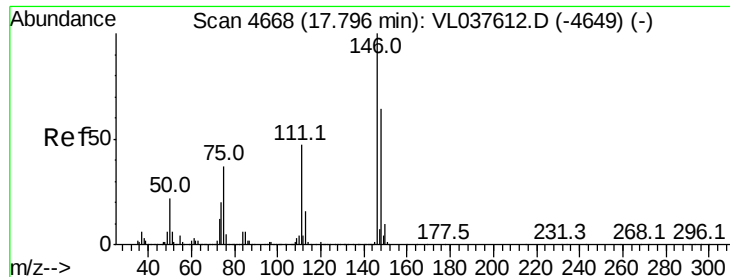
MMDadoda
 9/20/2021 5:27:00 PM



#76
 1,4-Dichlorobenzene
 Concen: 8.657 ppbv
 RT: 17.11 min Scan# 4456
 Delta R.T. -0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Tgt Ion:146 Resp: 2922252
 Ion Ratio Lower Upper
 146 100
 111 46.5 22.5 67.5
 148 67.6 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.081 ppbv

RT: 17.79 min Scan# 4667

Delta R.T. -0.00 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091621

Tot Ion:146 Resp: 2947725

Ion Ratio Lower Upper

146 100

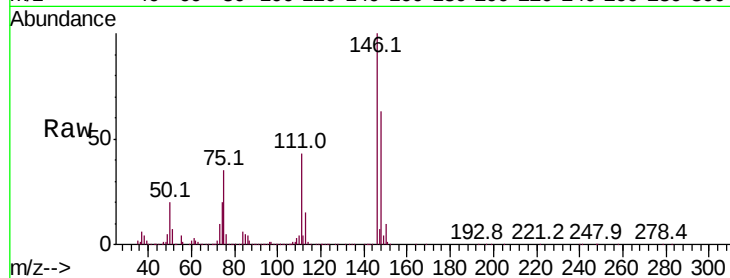
111 46.3 24.0 72.0

148 64.6 32.8 98.3

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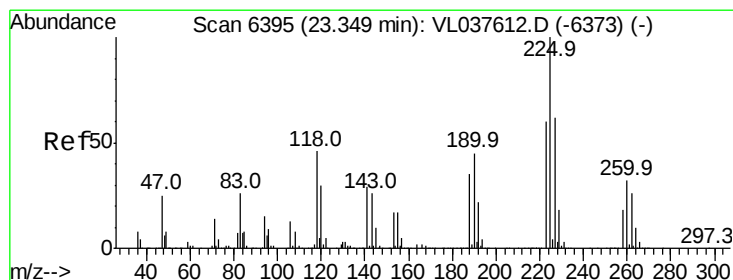
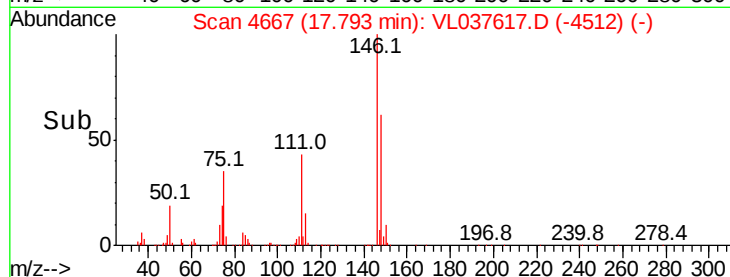
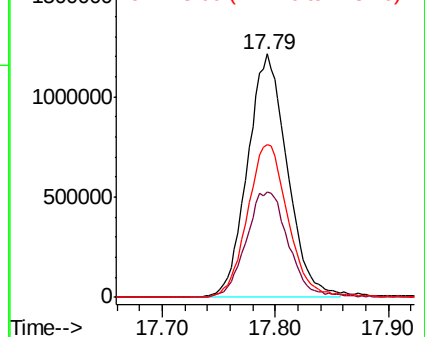
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Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 8.688 ppbv

RT: 23.36 min Scan# 6397

Delta R.T. 0.01 min

Lab File: VL037617.D

Acq: 16 Sep 2021 14:01

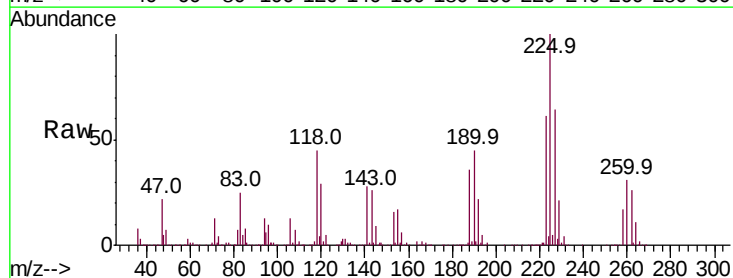
Tgt Ion:225 Resp: 2373501

Ion Ratio Lower Upper

225 100

223 63.5 51.1 76.7

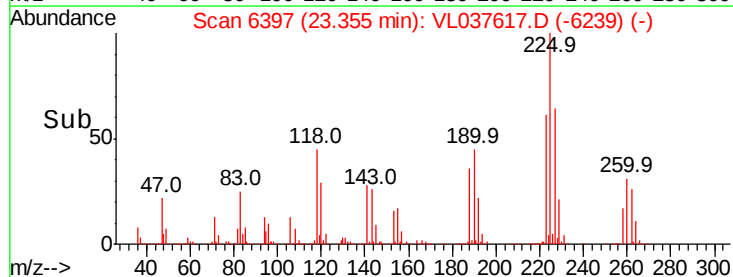
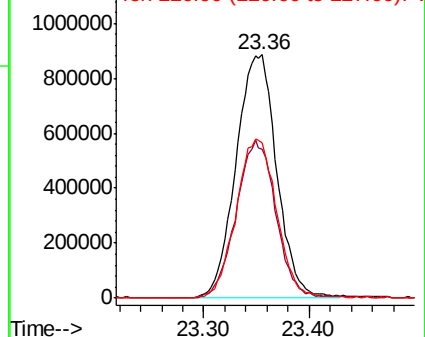
227 65.2 52.2 78.4

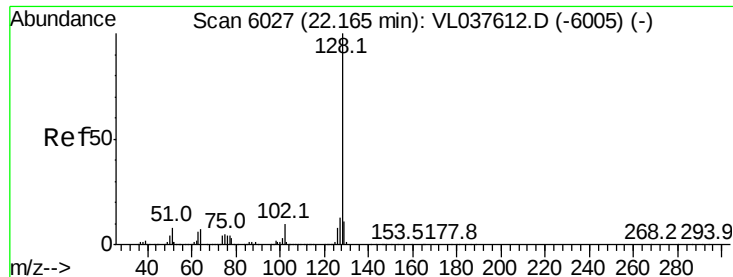


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





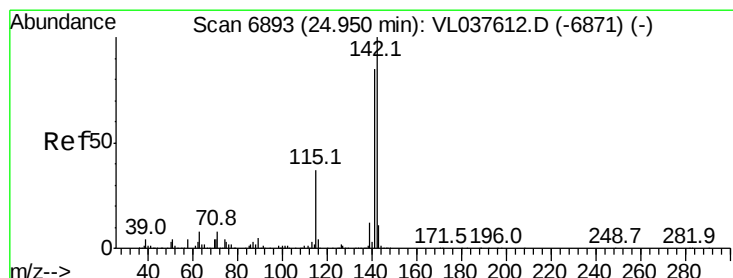
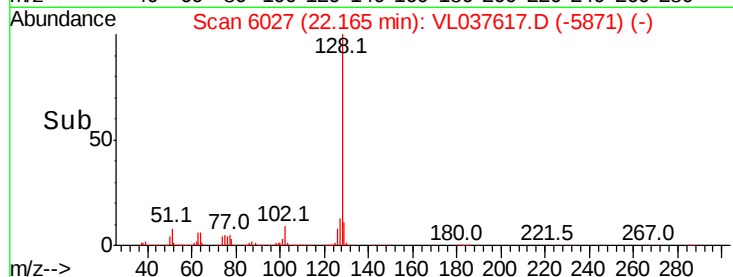
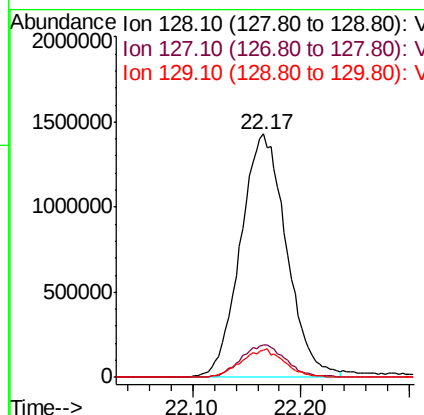
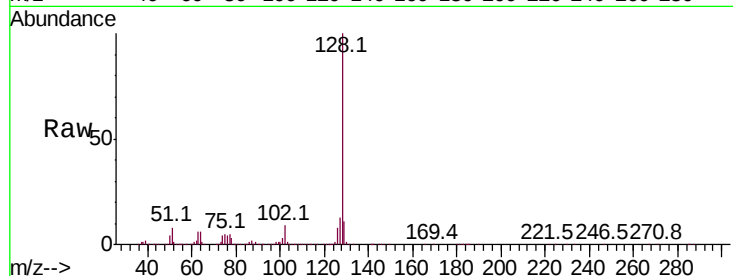
#79
Naphthalene
Concen: 12.449 ppbv
RT: 22.17 min Scan# 6027
Delta R.T. 0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091621

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.0	8.6	12.8

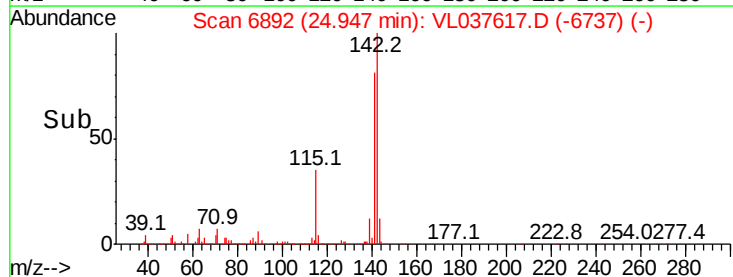
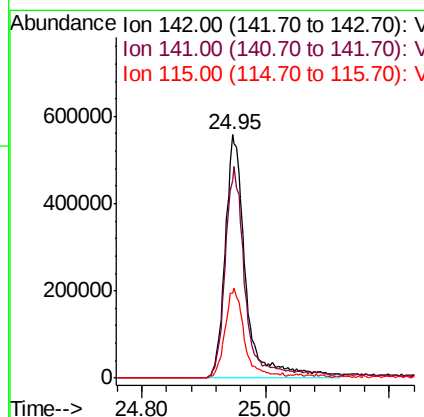
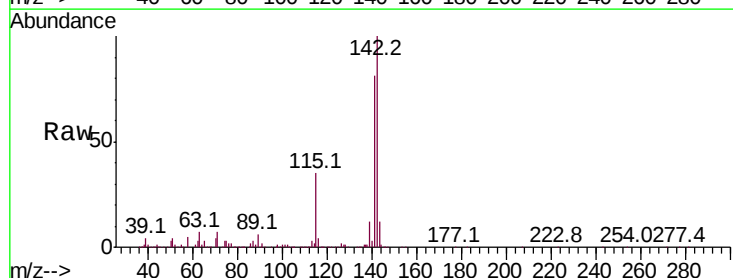
Manual Integrations
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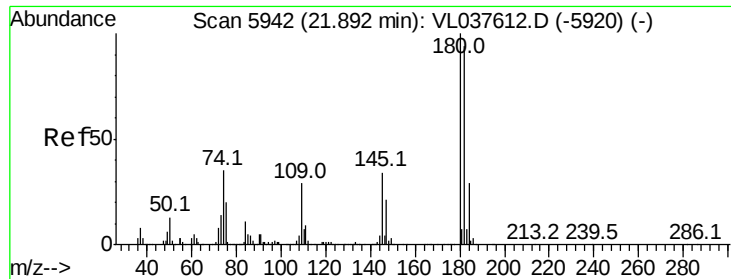
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#80
Naphthalene, 2-methyl-
Concen: 16.775 ppbv
RT: 24.95 min Scan# 6892
Delta R.T. -0.00 min
Lab File: VL037617.D
Acq: 16 Sep 2021 14:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.5	70.9	106.3
115	34.7	29.6	44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 11.192 ppbv
 RT: 21.90 min Scan# 5943
 Delta R.T. 0.00 min
 Lab File: VL037617.D
 Acq: 16 Sep 2021 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091621

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.9	118.3
184	31.3	24.7	37.1

Manual Integrations
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