

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040521\
 Data File : VL036677.D
 Acq On : 5 Apr 2021 15:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

apatel
 4/9/2021 9:47:34 AM

Quant Time: Apr 06 08:14:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1417797	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3667628	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3444226m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2751556	10.02	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1656090	7.162	ppbv	96
3) Chlorodifluoromethane	2.99	51	2265222	8.551	ppbv	100
4) Chloromethane	3.14	50	770592	8.236	ppbv	96
5) Vinyl Chloride	3.26	62	743832	7.732	ppbv	95
6) Bromomethane	3.48	94	420026	7.930	ppbv	96
7) Chloroethane	3.56	64	259932	7.863	ppbv	96
8) Dichlorotetrafluoroethane	3.19	85	1738157	7.875	ppbv	95
9) Propene	3.01	41	712248	8.434	ppbv	98
10) Heptane	8.14	43	1843644	8.570	ppbv	100
11) Trichlorofluoromethane	3.95	101	1753498	7.441	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1174661	7.796	ppbv	98
13) Ethanol	3.61	45	77199m	7.677	ppbv	
14) Bromoethene	3.75	108	510874	8.156	ppbv	98
15) Acetone	3.86	43	1585331	11.361	ppbv #	87
16) 1,3-Butadiene	3.33	39	838625	8.632	ppbv	92
17) tert-Butyl alcohol	4.30	59	1013493	8.343	ppbv	100
18) 1,1-Dichloroethene	4.29	96	538182	8.030	ppbv	92
19) Isopropyl Alcohol	3.97	45	550853m	7.176	ppbv	
20) Methylene Chloride	4.35	84	486469m	7.446	ppbv	
21) Allyl Chloride	4.42	41	821909	7.389	ppbv	92
22) trans-1,2-Dichloroethene	4.89	96	517510	8.329	ppbv	97
23) Vinyl Acetate	5.08	43	2504197	10.491	ppbv	97
24) 1,1-Dichloroethane	5.02	63	1375622	7.907	ppbv	98
25) Ethyl Acetate	5.69	43	2740961	8.262	ppbv	99
26) Hexane	5.69	57	1380402	8.966	ppbv	94
27) Carbon Disulfide	4.56	76	1229583	8.107	ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1455173	8.015	ppbv	100
29) Chloroform	5.76	83	2000069	8.123	ppbv	96
30) Cyclohexane	7.14	84	1117276	8.948	ppbv	98
31) cis-1,2-Dichloroethene	5.56	61	1273594	8.553	ppbv	94
32) 1,1,1-Trichloroethane	6.52	97	2039919	8.221	ppbv	99
34) 2-Butanone	5.25	43	1263433	7.057	ppbv	95
35) Carbon Tetrachloride	7.03	117	2128182	7.555	ppbv	98
36) Benzene	6.90	78	2726726	8.061	ppbv	98
37) 1,2-Dichloroethane	6.31	62	1498473	7.527	ppbv	99
38) Trichloroethene	7.84	130	1005060	7.635	ppbv	97
39) 1,2-Dichloropropane	7.63	63	1056063	7.697	ppbv	97
40) 1,4-Dioxane	7.84	88	224627m	7.034	ppbv	
41) Tetrahydrofuran	6.06	42	588489m	7.129	ppbv	
42) Bromodichloromethane	7.81	83	2146771	7.928	ppbv	97
43) Methyl Methacrylate	8.02	69	1019241	8.973	ppbv	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5102251	8.571	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	925618	7.137	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1189526	7.175	ppbv	96
47) 1,1,2-Trichloroethane	9.49	97	1089376	7.838	ppbv	97
48) Dibromochloromethane	10.32	129	1781107	8.407	ppbv	100
49) Bromoform	13.06	173	1429237	8.373	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	1962364	7.575	ppbv	99
51) 2-Hexanone	10.15	43	1074695	8.221	ppbv #	99
52) Tetrachloroethene	11.24	164	957375	7.686	ppbv	98
53) Toluene	9.82	91	3079456	8.549	ppbv	99
54) 1,2-Dibromoethane	10.63	107	1585336	8.077	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.14	131	1251568	8.034	ppbv #	53
57) Chlorobenzene	12.16	112	2273765	7.759	ppbv	95
58) Ethyl Benzene	12.73	91	4085756	8.154	ppbv	99
59) m/p-Xylene	13.01	91	6868773m	15.716	ppbv	
60) o-Xylene	13.71	91	3243684	7.676	ppbv	100
61) Styrene	13.55	104	1797569	8.455	ppbv	98
62) Isopropylbenzene	14.68	105	4545133	7.987	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.69	83	2280289	7.074	ppbv	99
64) n-propylbenzene	15.58	120	1194325	8.584	ppbv	98
65) tert-Butylbenzene	16.76	119	3951894	8.008	ppbv	99
66) Benzyl Chloride	17.01	91	458318	8.403	ppbv	98
67) sec-Butylbenzene	17.31	105	5520450	7.925	ppbv	100
69) p-Isopropyltoluene	17.67	119	4640810	8.532	ppbv	98
70) n-Butylbenzene	18.57	91	4649235	8.243	ppbv	99
71) 2-Chlorotoluene	15.47	91	3479149	8.159	ppbv	100
72) 4-Ethyltoluene	15.85	105	3836721	8.285	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	3470462	8.030	ppbv	98
74) 1,2,4-Trimethylbenzene	16.78	105	3623308	7.834	ppbv	97
75) 1,3-Dichlorobenzene	17.01	146	2081863	7.997	ppbv	100
76) 1,4-Dichlorobenzene	17.16	146	2011124	7.781	ppbv	98
77) 1,2-Dichlorobenzene	17.83	146	2017788	8.246	ppbv	98
78) Hexachloro-1,3-Butadiene	23.39	225	1600434	7.303	ppbv	99
79) Naphthalene	22.22	128	2293921	8.500	ppbv	99
80) Naphthalene, 2-methyl-	25.00	142	382698	7.191	ppbv	96
81) 1,2,4-Trichlorobenzene	21.95	180	1424006	8.546	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

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Tot Ion: 49 Resp: 1417797

Ion Ratio Lower Upper

49 100

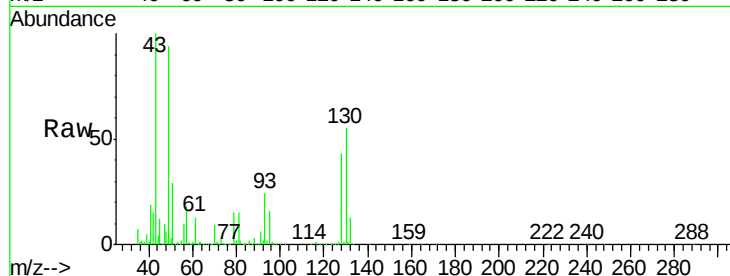
128 49.8 23.5 70.6

130 60.7 29.1 87.4

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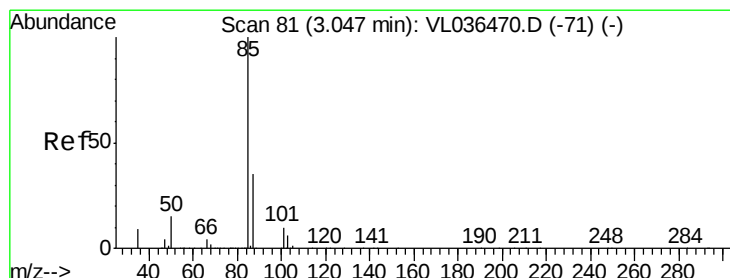
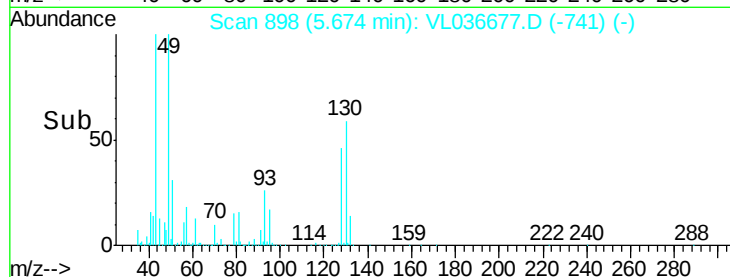
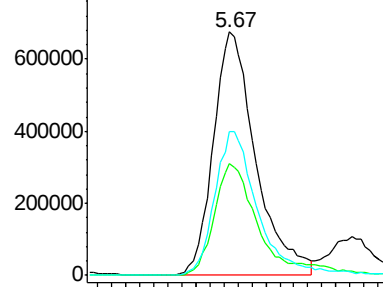
4/9/2021 9:47:34 AM



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: 7.162 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL036677.D

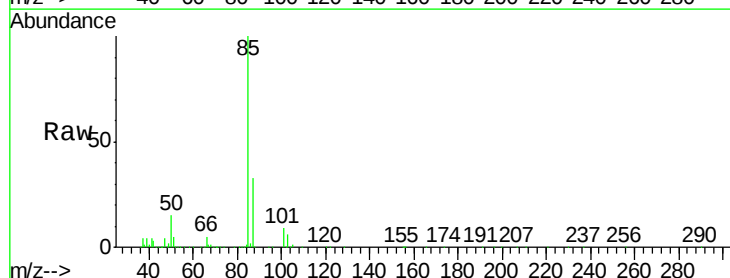
Acq: 5 Apr 2021 15:57

Tgt Ion: 85 Resp: 1656090

Ion Ratio Lower Upper

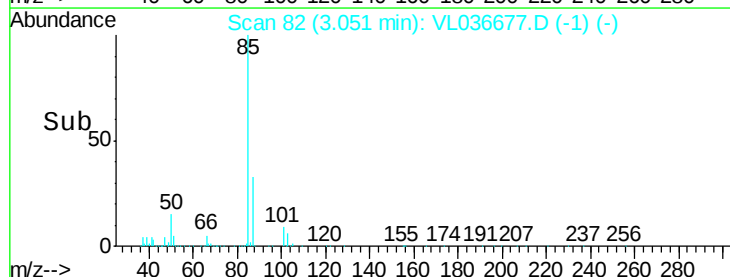
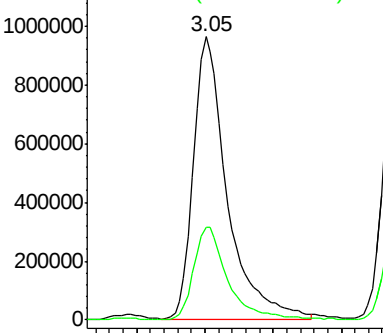
85 100

87 32.7 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





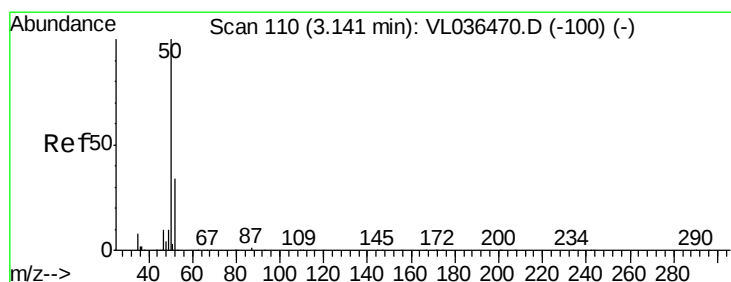
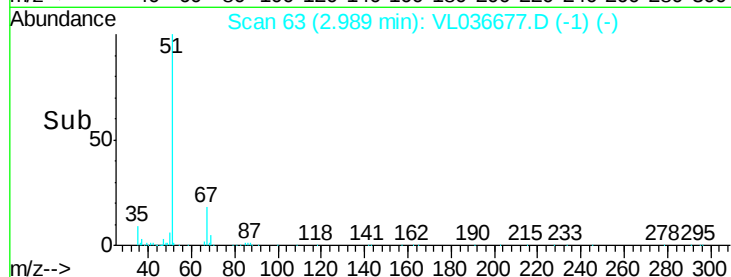
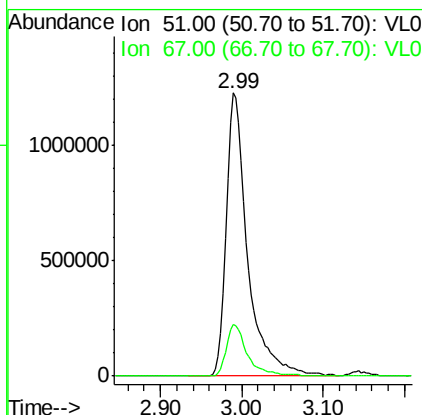
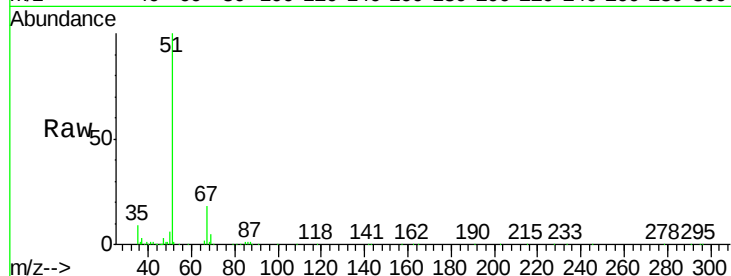
#3
Chlorodifluoromethane
Concen: 8.551 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
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Tot Ion: 51 Resp: 2265222
Ion Ratio Lower Upper
51 100
67 18.3 14.7 22.1

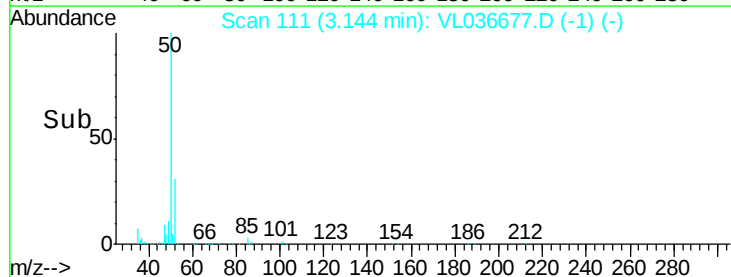
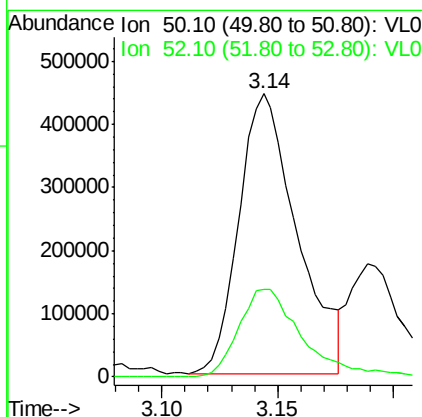
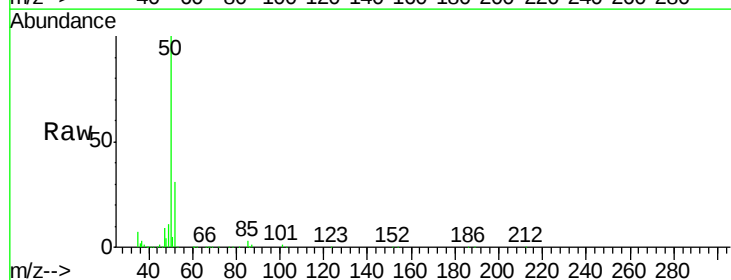
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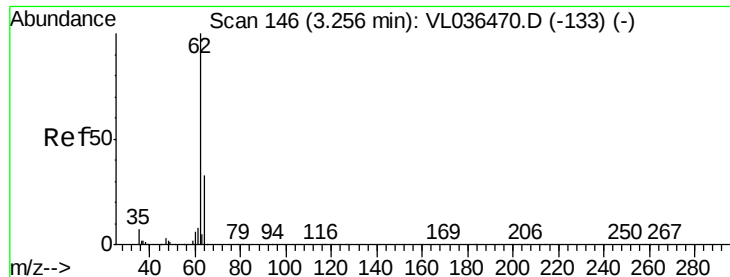
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#4
Chloromethane
Concen: 8.236 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 50 Resp: 770592
Ion Ratio Lower Upper
50 100
52 31.4 27.0 40.6





#5

Vinyl Chloride

Concen: 7.732 ppbv

RT: 3.26 min Scan# 148

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 62 Resp: 743832

Ion Ratio Lower Upper

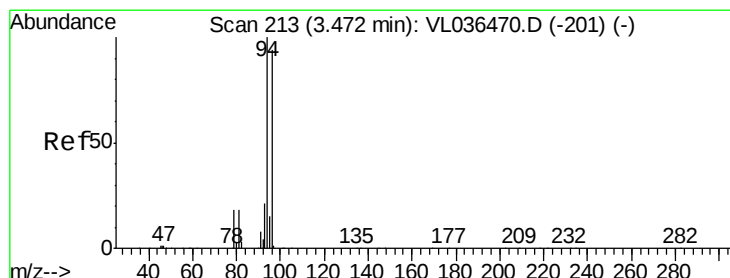
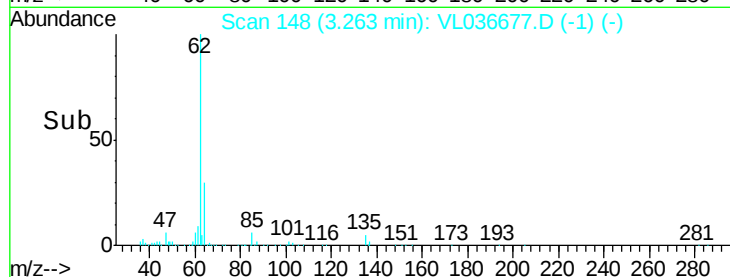
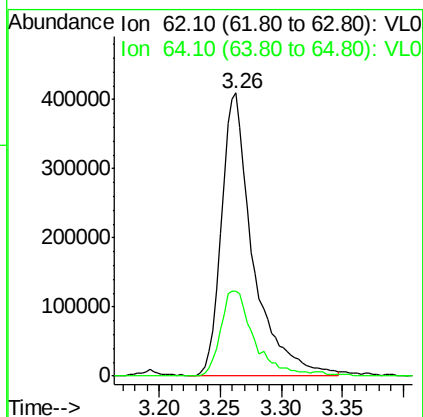
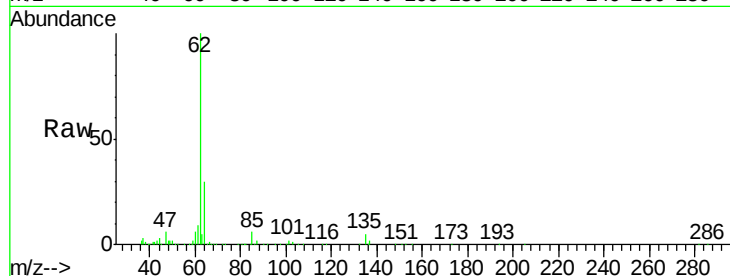
62 100

64 30.1 26.4 39.6

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#6

Bromomethane

Concen: 7.930 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL036677.D

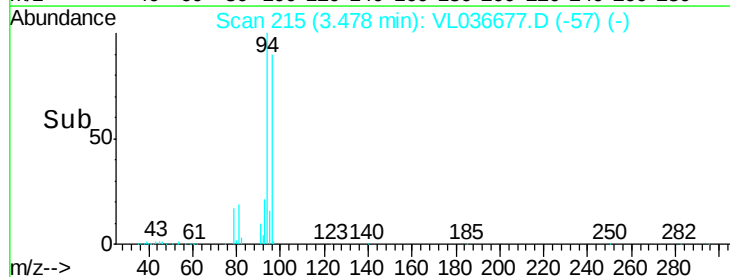
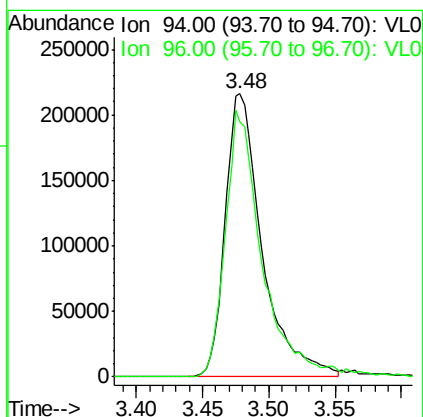
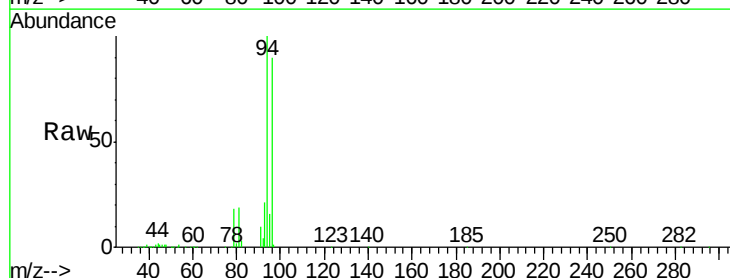
Acq: 5 Apr 2021 15:57

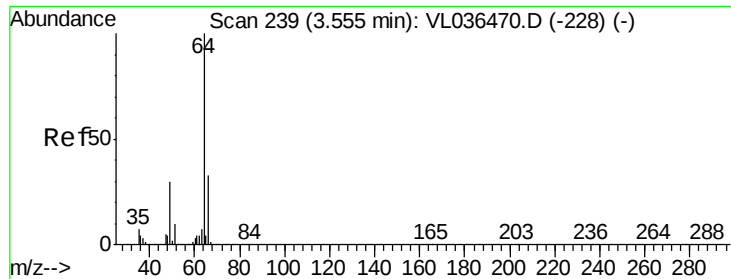
Tgt Ion: 94 Resp: 420026

Ion Ratio Lower Upper

94 100

96 90.0 74.9 112.3





#7

Chloroethane

Concen: 7.863 ppbv

RT: 3.56 min Scan# 242

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

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Tot Ion: 64 Resp: 259932

Ion Ratio Lower Upper

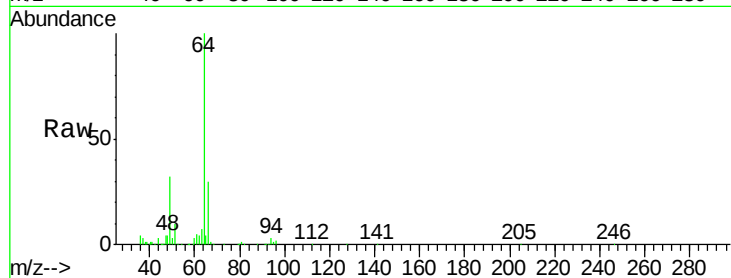
64 100

66 30.2 26.2 39.2

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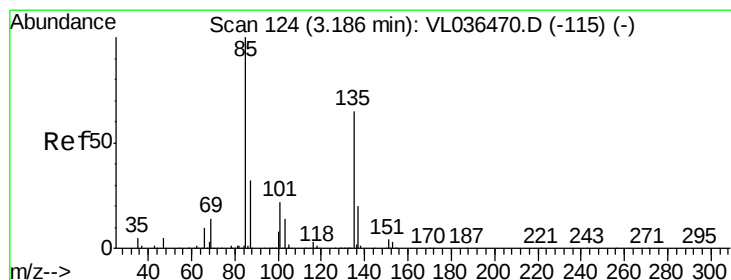
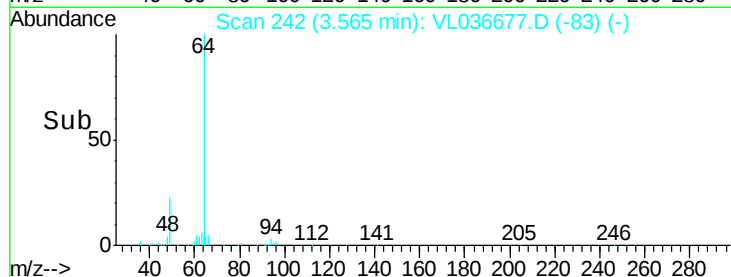
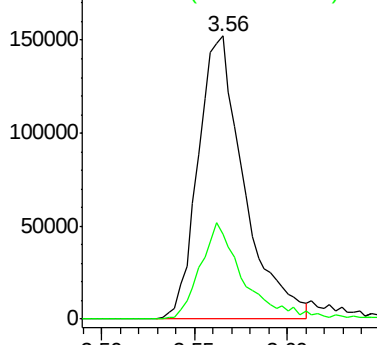
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 7.875 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036677.D

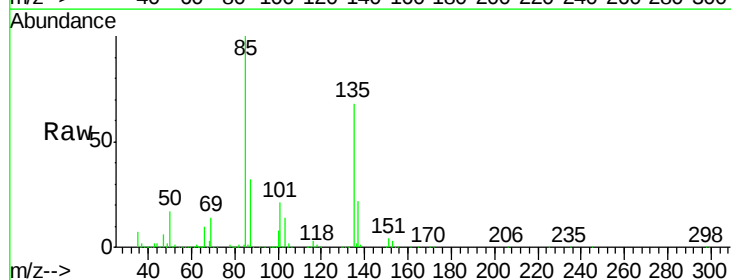
Acq: 5 Apr 2021 15:57

Tgt Ion: 85 Resp: 1738157

Ion Ratio Lower Upper

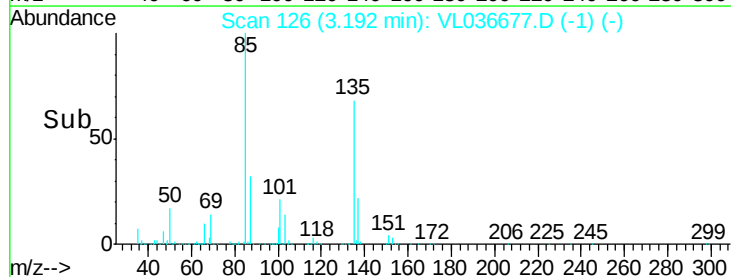
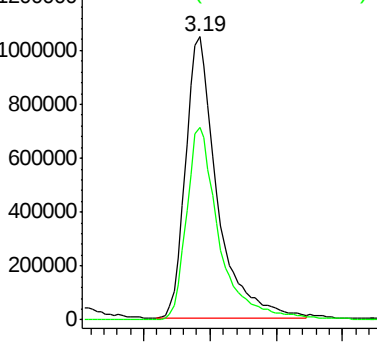
85 100

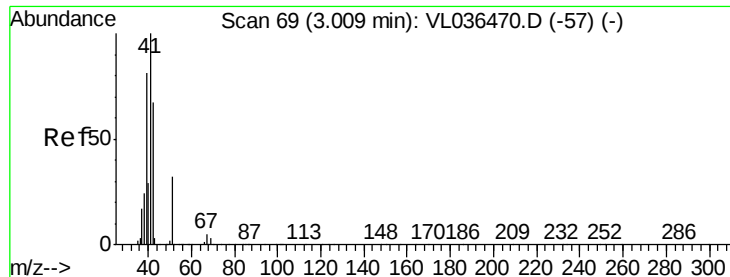
135 71.6 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 8.434 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

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Tot Ion: 41 Resp: 712248

Ion Ratio Lower Upper

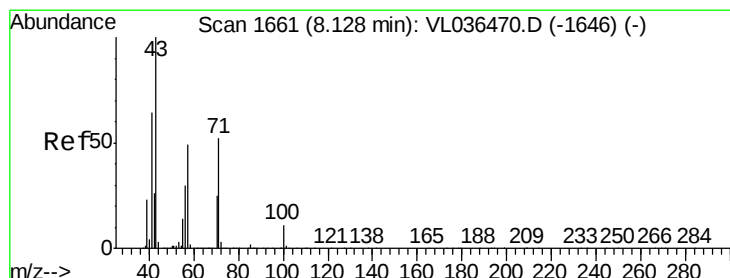
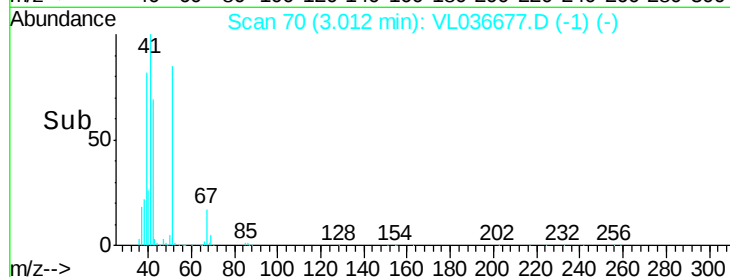
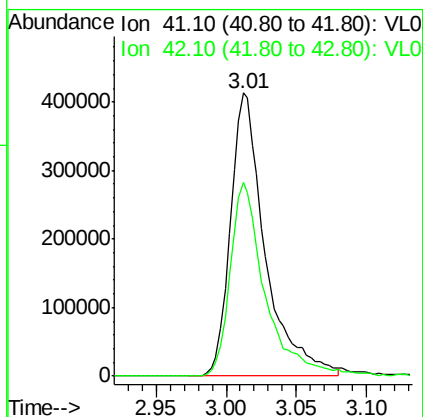
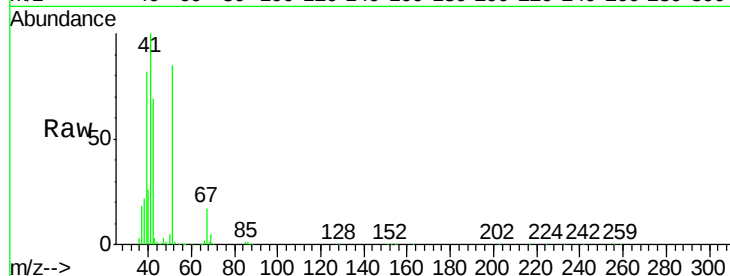
41 100

42 69.2 57.0 85.4

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#10

Heptane

Concen: 8.570 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VL036677.D

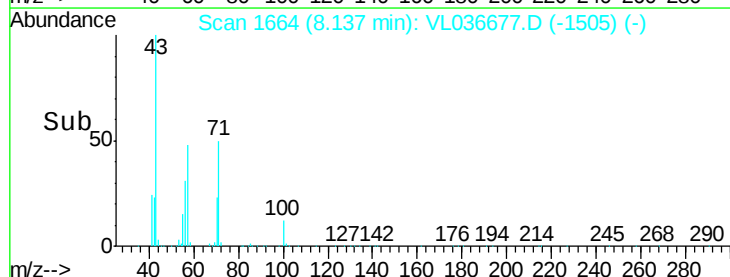
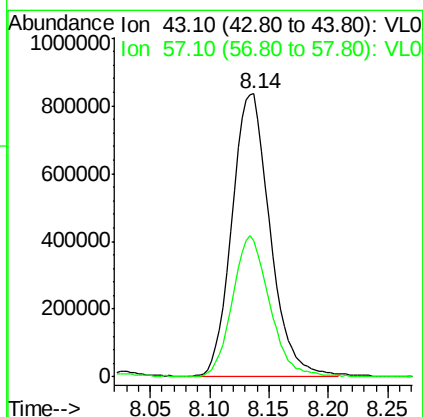
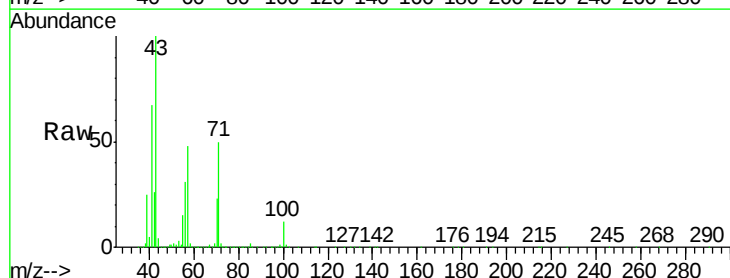
Acq: 5 Apr 2021 15:57

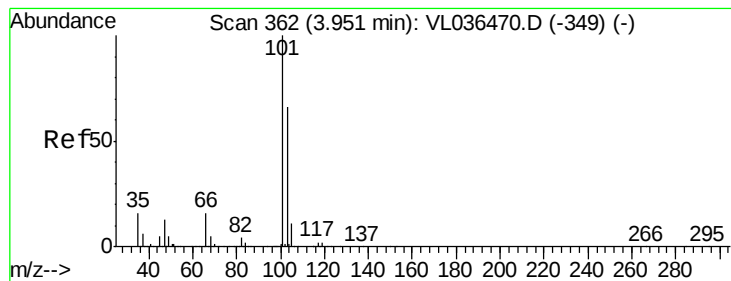
Tgt Ion: 43 Resp: 1843644

Ion Ratio Lower Upper

43 100

57 48.7 39.0 58.6





#11

Trichlorofluoromethane

Concen: 7.441 ppbv

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

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Tot Ion:101 Resp: 1753498

Ion Ratio Lower Upper

101 100

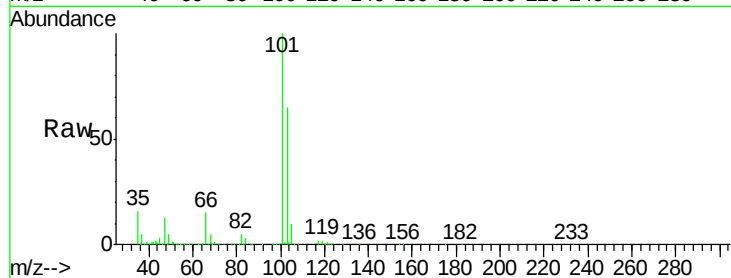
103 64.5 52.5 78.7

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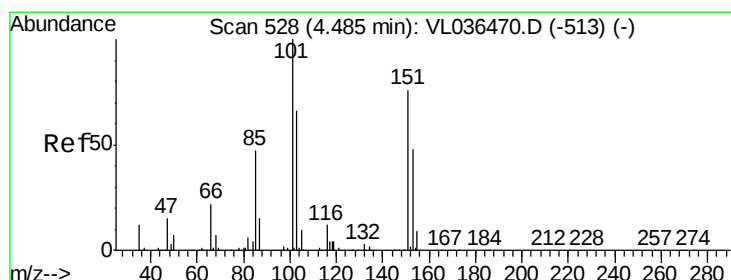
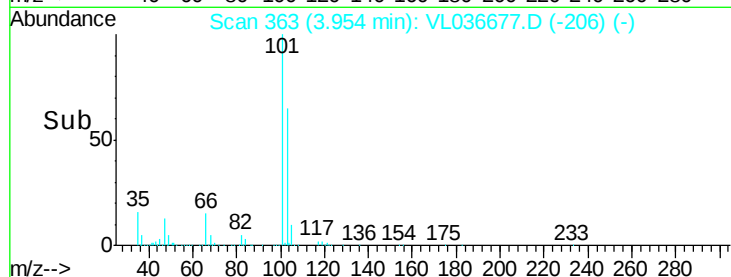
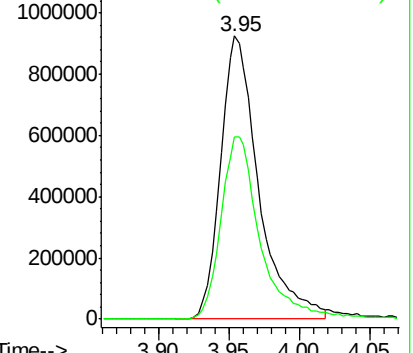
apatel

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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: 7.796 ppbv

RT: 4.49 min Scan# 530

Delta R.T. 0.01 min

Lab File: VL036677.D

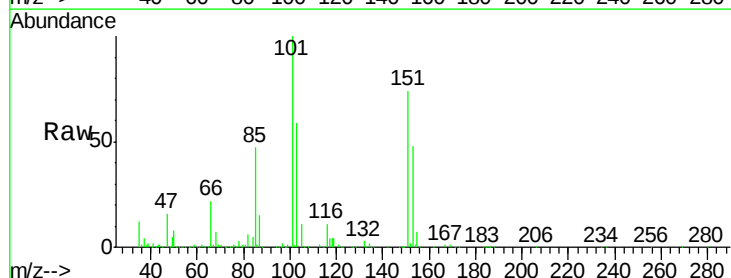
Acq: 5 Apr 2021 15:57

Tgt Ion:101 Resp: 1174661

Ion Ratio Lower Upper

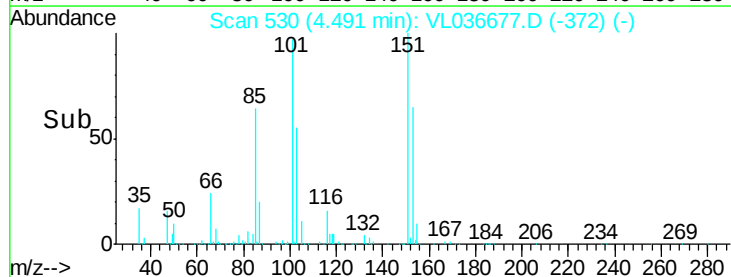
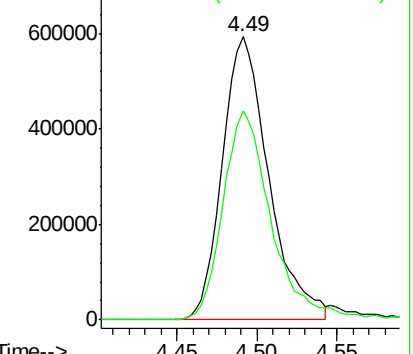
101 100

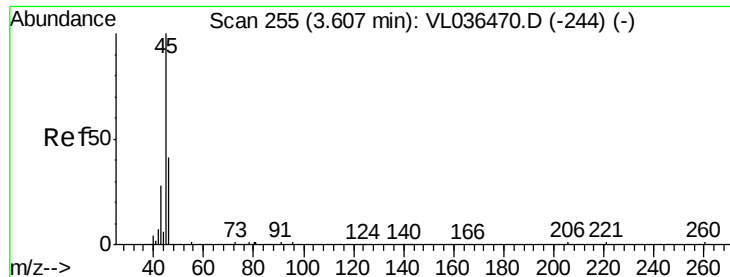
151 77.8 60.9 91.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





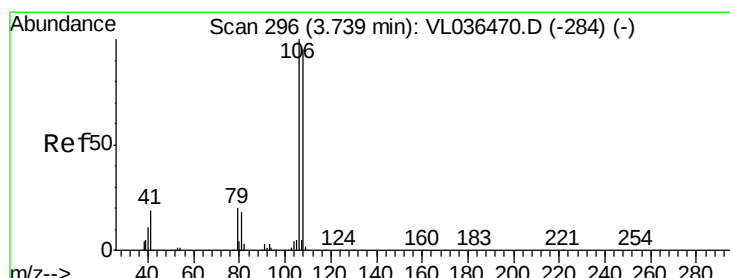
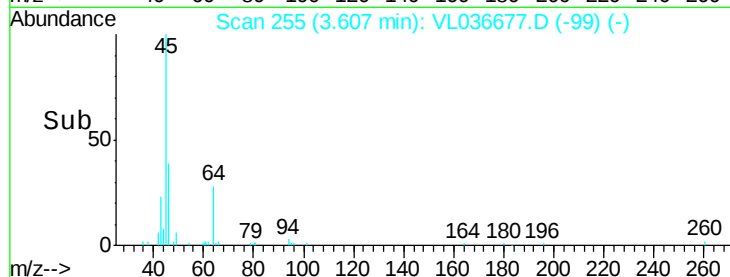
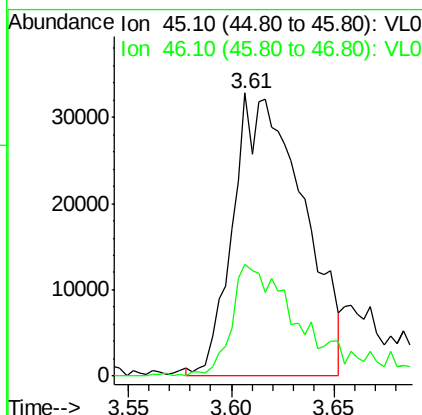
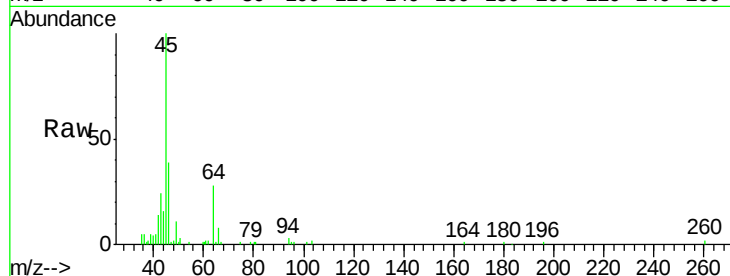
#13
Ethanol
Concen: 7.677 ppbv m
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
45	100		
46	45.0	16.6	66.2

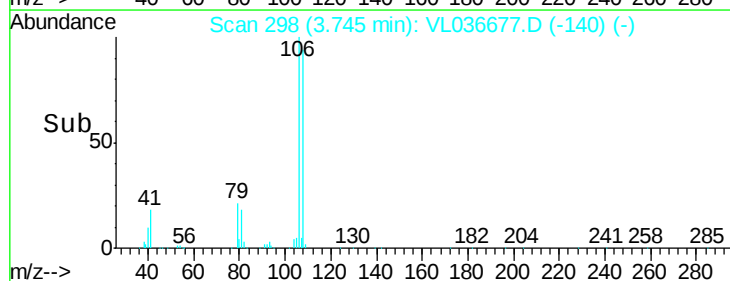
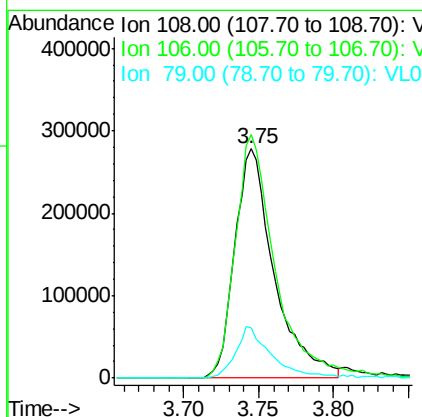
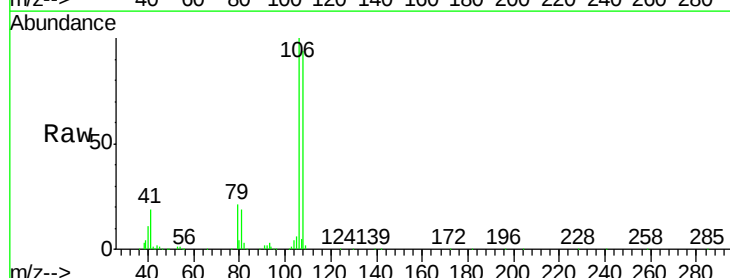
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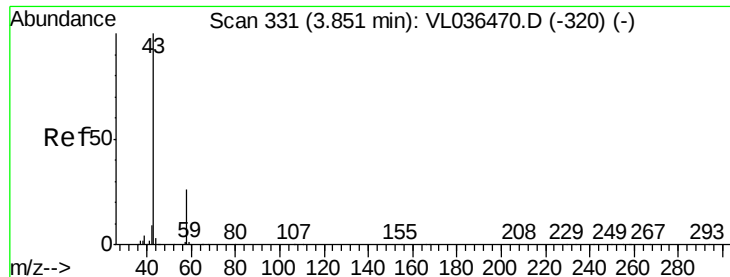
apatel
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#14
Bromoethene
Concen: 8.156 ppbv
RT: 3.75 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
108	100		
106	109.6	89.0	133.6
79	21.2	16.6	25.0





#15

Acetone

Concen: 11.361 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 1585331

Ion Ratio Lower Upper

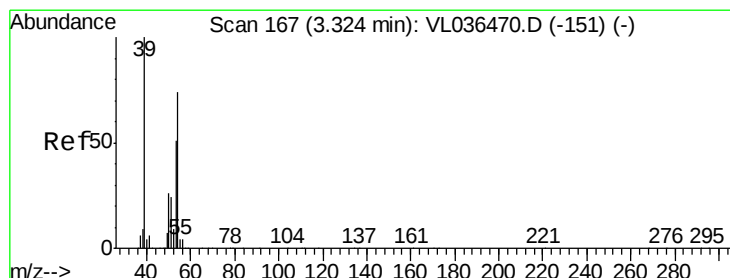
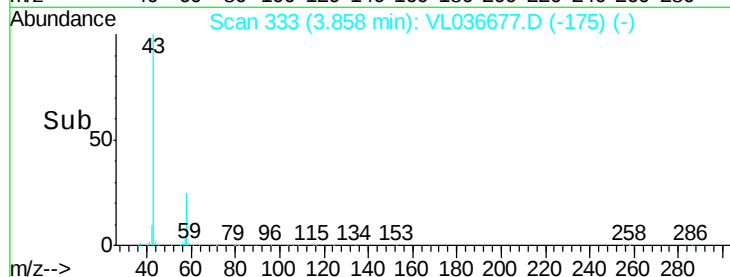
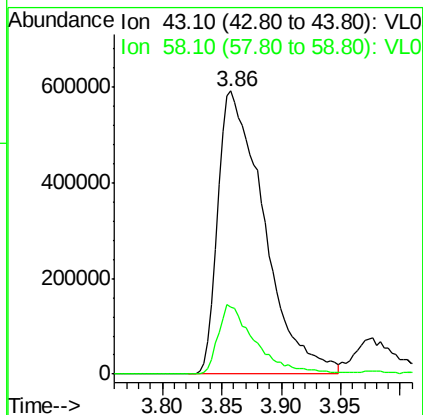
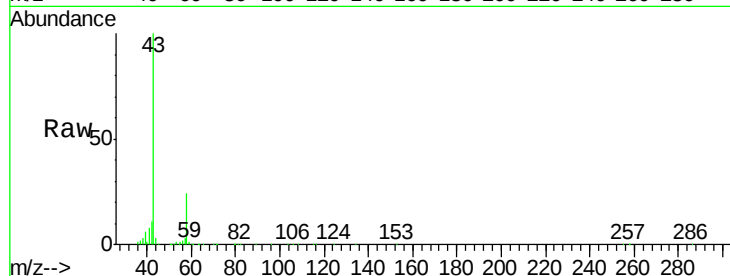
43 100

58 20.0 21.2 31.8#

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#16

1,3-Butadiene

Concen: 8.632 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.01 min

Lab File: VL036677.D

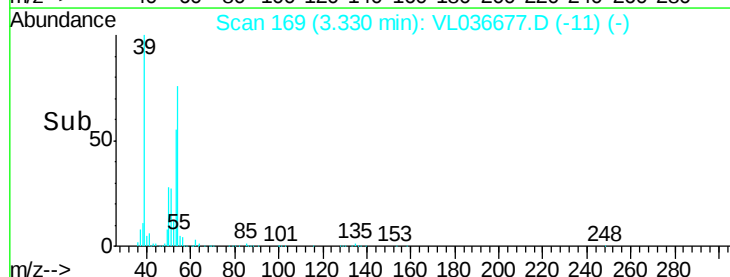
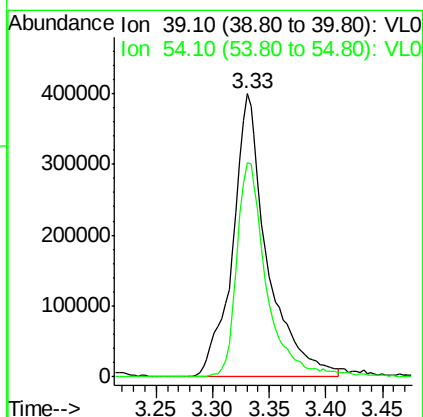
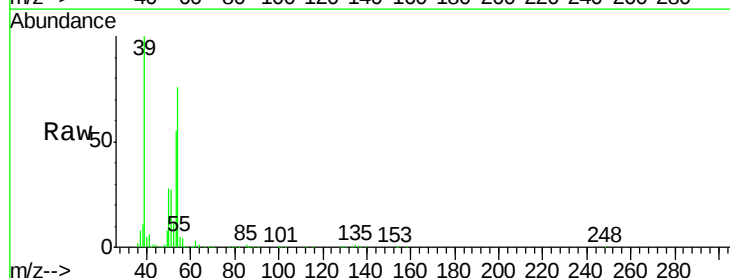
Acq: 5 Apr 2021 15:57

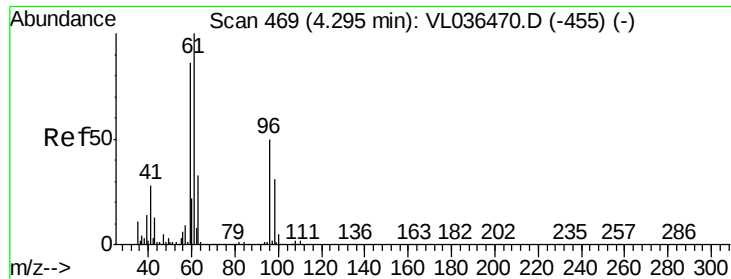
Tgt Ion: 39 Resp: 838625

Ion Ratio Lower Upper

39 100

54 66.6 58.8 88.2





#17

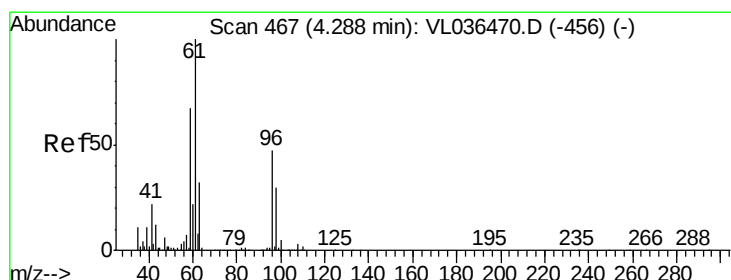
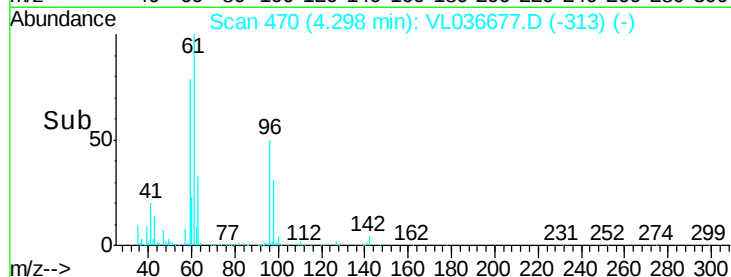
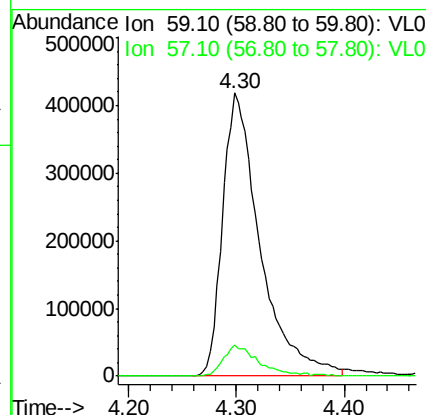
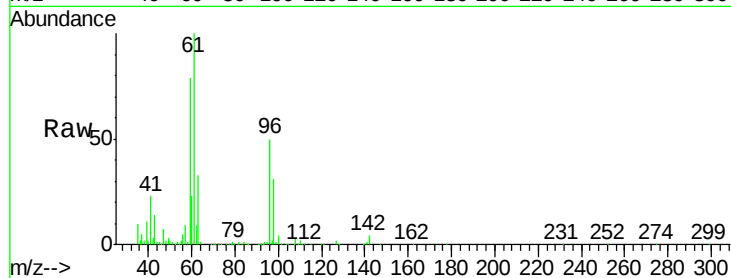
tert-Butyl alcohol
Concen: 8.343 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 59 Resp: 1013493
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

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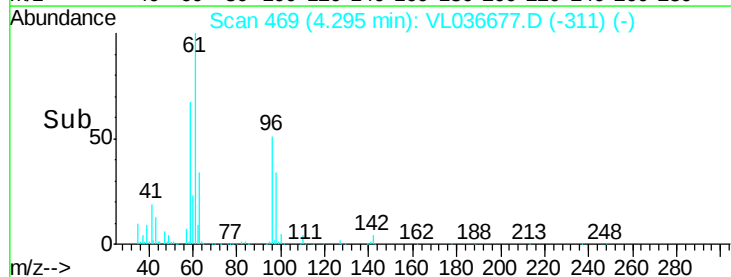
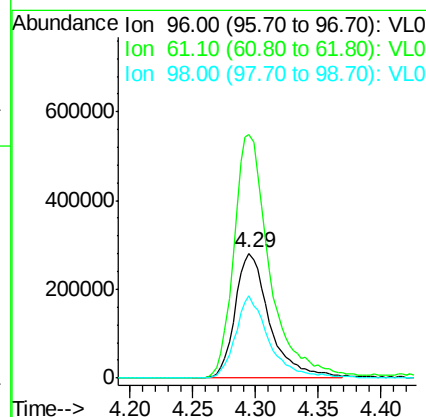
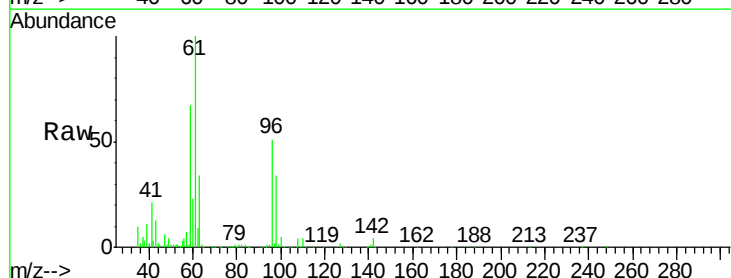
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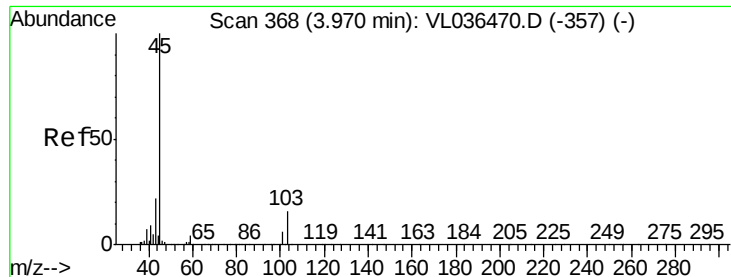


#18

1,1-Dichloroethene
Concen: 8.030 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 96 Resp: 538182
Ion Ratio Lower Upper
96 100
61 195.4 168.6 253.0
98 66.1 50.8 76.2





#19

Isopropyl Alcohol

Concen: 7.176 ppbv m

RT: 3.97 min Scan# 369

Delta R.T. 0.00 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 45 Resp: 550853

Ion Ratio Lower Upper

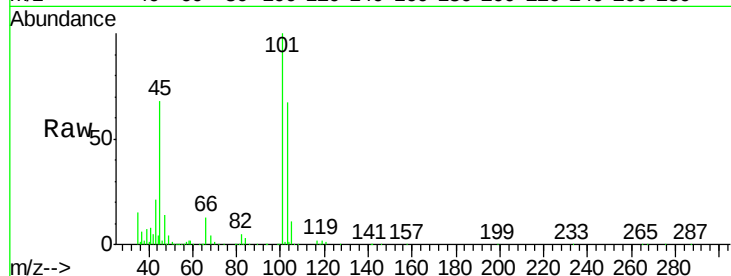
45 100

58 1.8 2.9 4.3#

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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.97

250000

200000

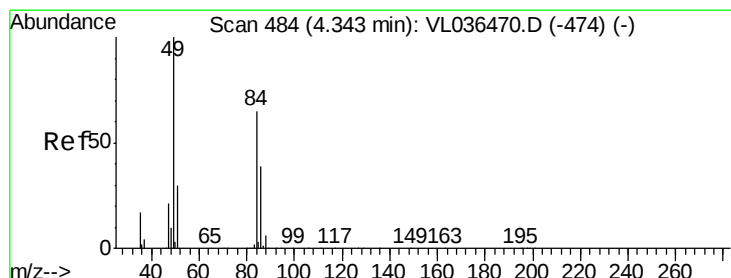
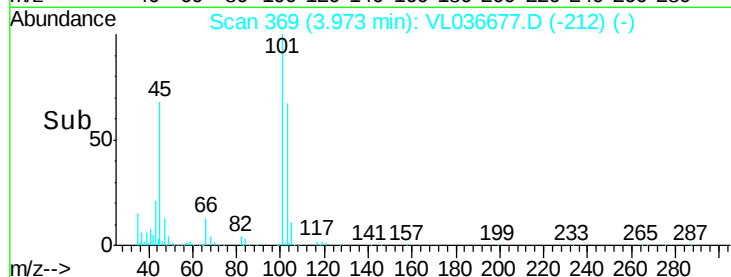
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.446 ppbv m

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Tgt Ion: 84 Resp: 486469

Ion Ratio Lower Upper

84 100

49 168.5 122.9 184.3

51 50.3 36.9 55.3

86 62.9 48.2 72.4

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

600000

500000

400000

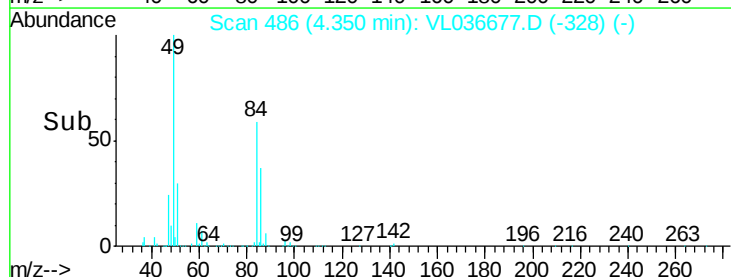
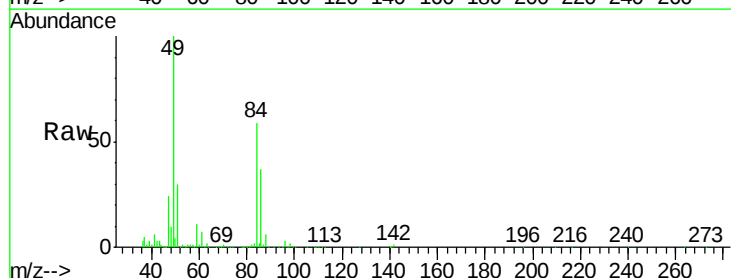
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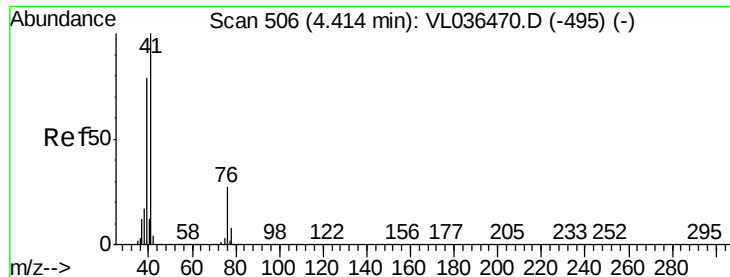
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100000

0

Time-->





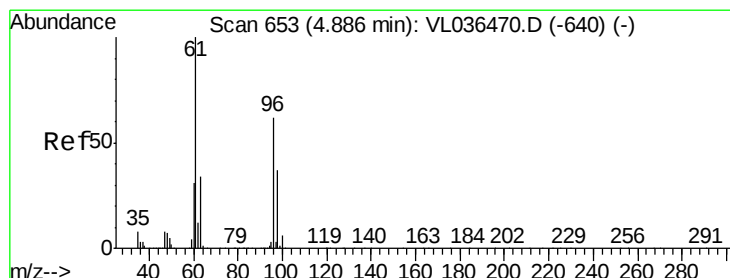
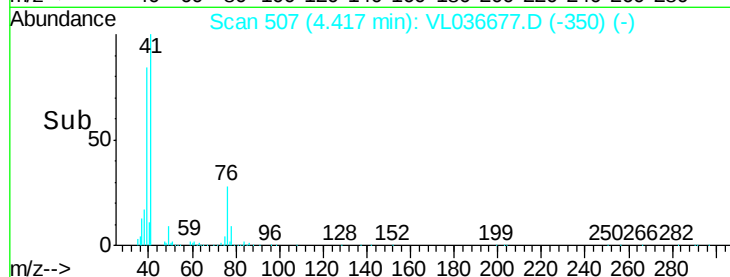
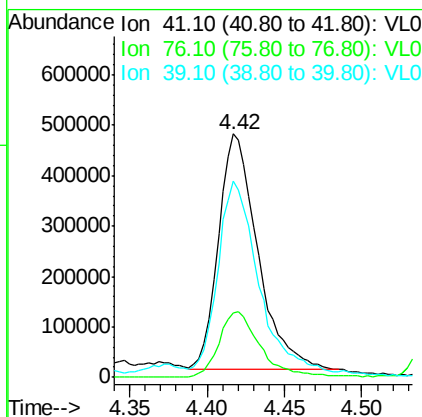
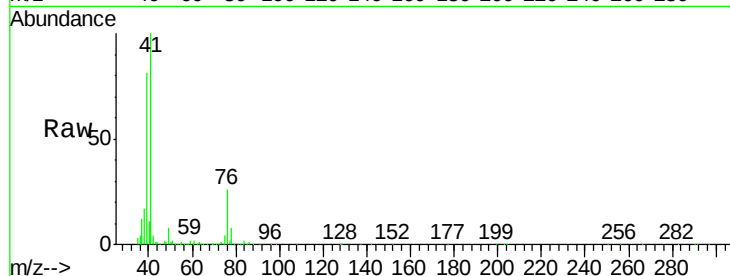
#21
Allvl Chloride
Concen: 7.389 ppbv
RT: 4.42 min Scan# 507
Delta R.T. 0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
41	100		
76	29.7	22.9	34.3
39	93.7	67.3	100.9

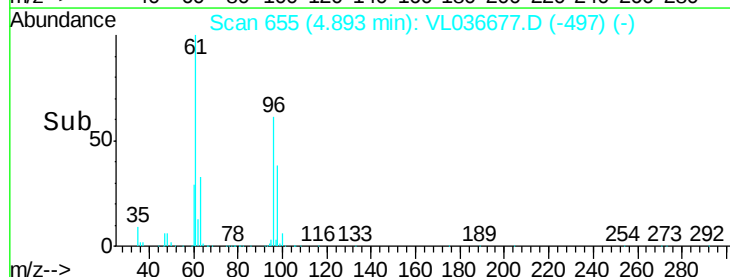
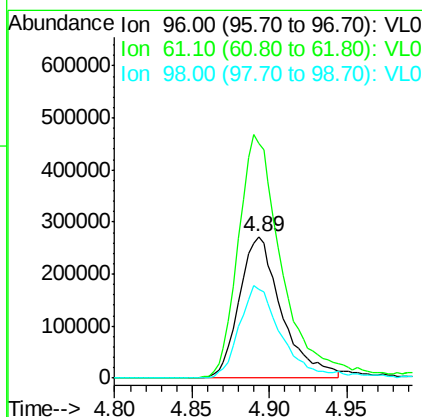
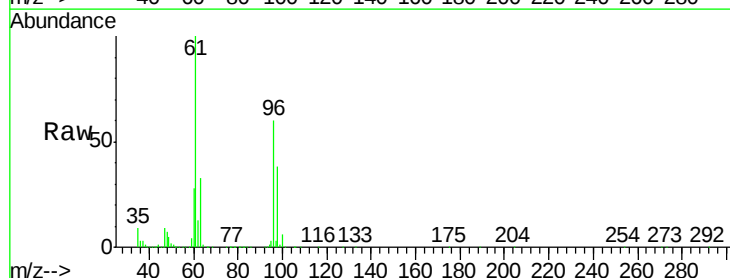
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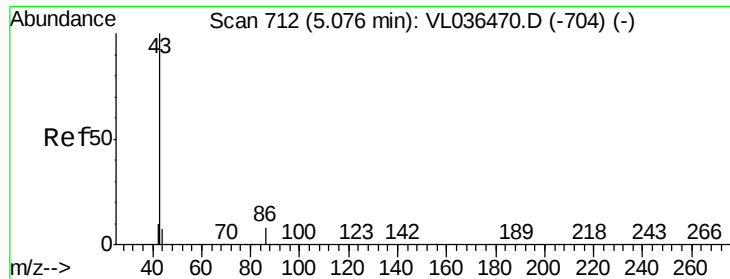
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#22
trans-1,2-Dichloroethene
Concen: 8.329 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.9	129.4	194.0
98	62.5	48.2	72.4





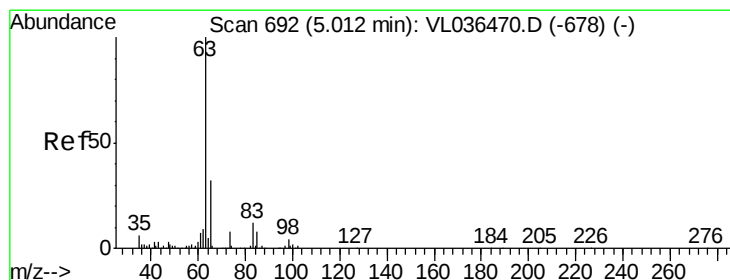
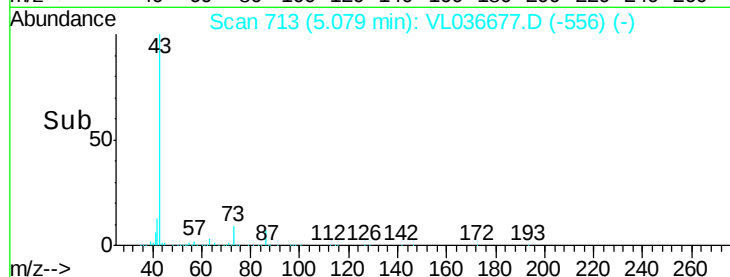
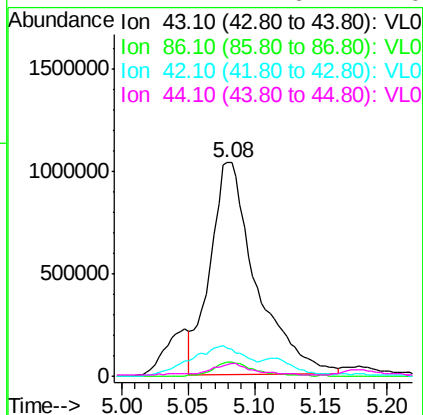
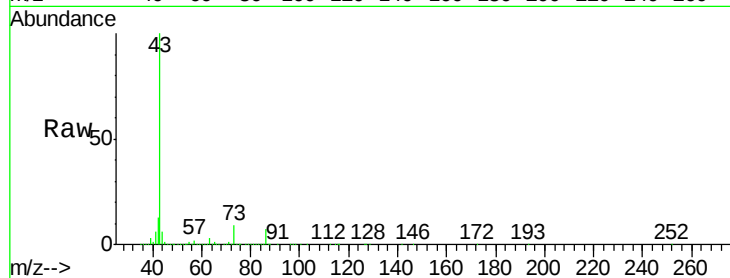
#23
 Vinyl Acetate
 Concen: 10.491 ppbv
 RT: 5.08 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	43	Resp	2504197
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.4	8.0
42	12.7	8.5	12.7
44	4.7	4.6	7.0

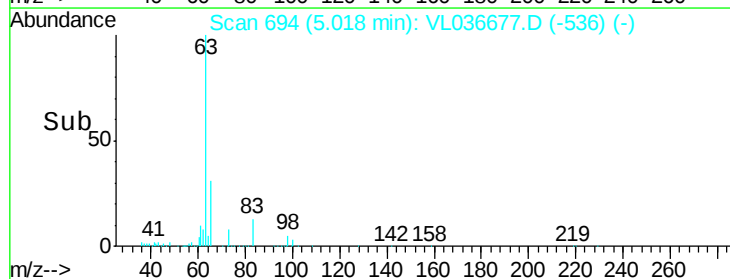
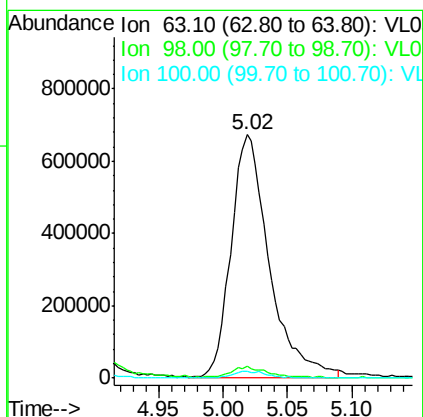
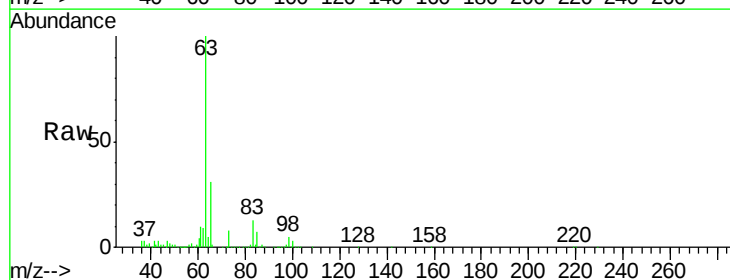
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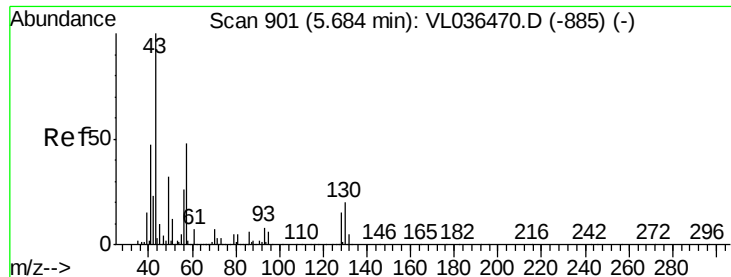
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#24
 1,1-Dichloroethane
 Concen: 7.907 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion	63	Resp	1375622
Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.1	6.2
100	2.6	0.9	2.8





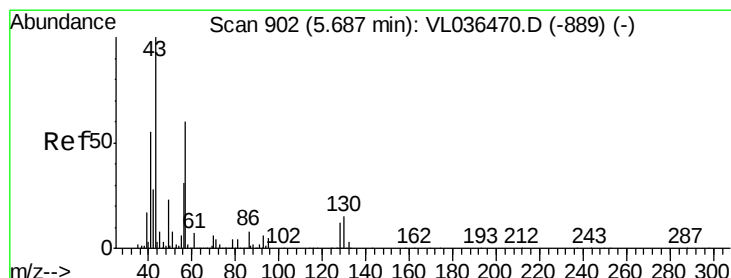
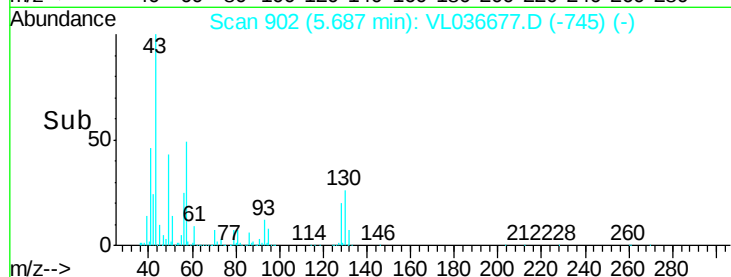
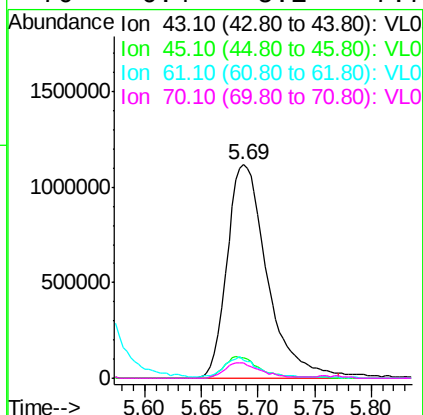
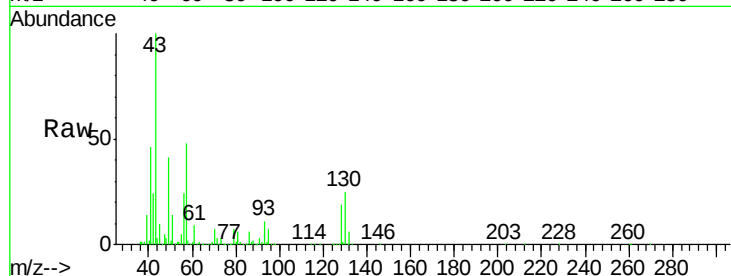
#25
Ethyl Acetate
Concen: 8.262 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
43	100		
45	9.3	7.9	11.9
61	8.9	7.4	11.2
70	6.4	5.1	7.7

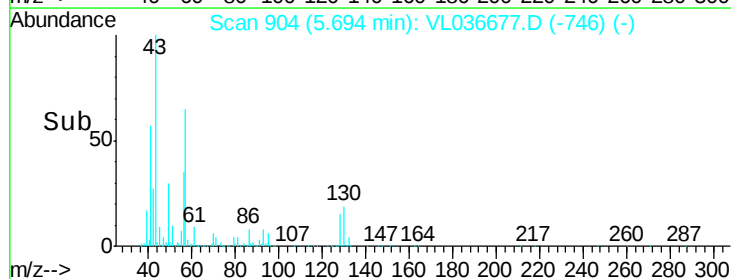
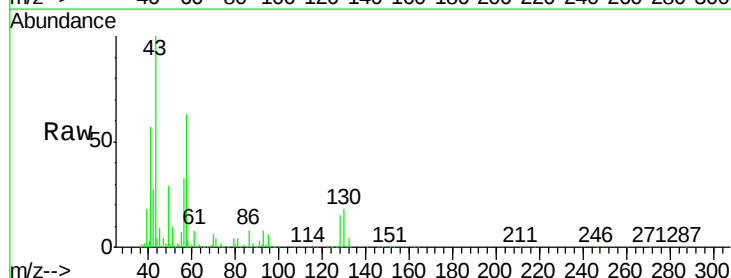
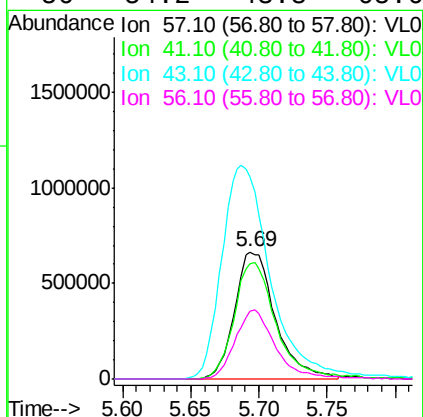
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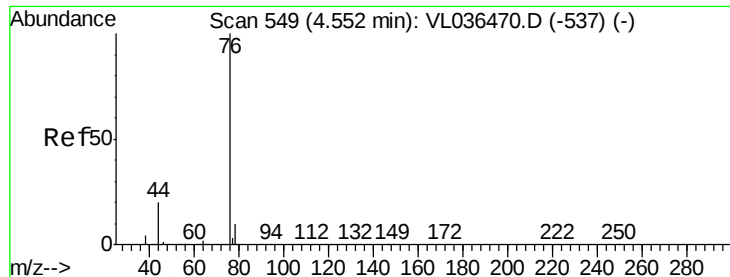
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#26
Hexane
Concen: 8.966 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
57	100		
41	95.4	77.2	115.8
43	202.9	173.8	260.6
56	54.2	43.8	65.6





#27

Carbon Disulfide

Concen: 8.107 ppbv

RT: 4.56 min Scan# 550

Delta R.T. 0.00 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 76 Resp: 1229583

Ion Ratio Lower Upper

76 100

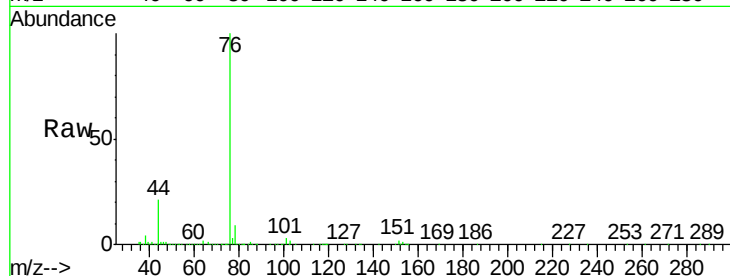
44 21.0 17.5 26.3

78 9.8 8.6 13.0

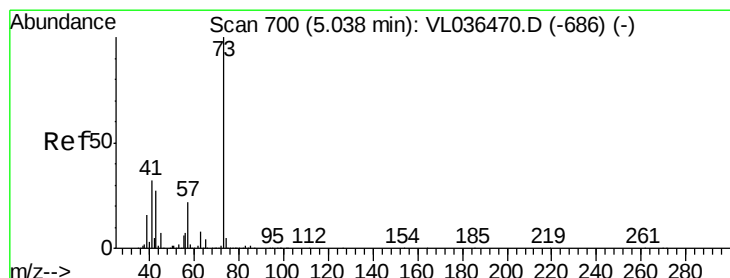
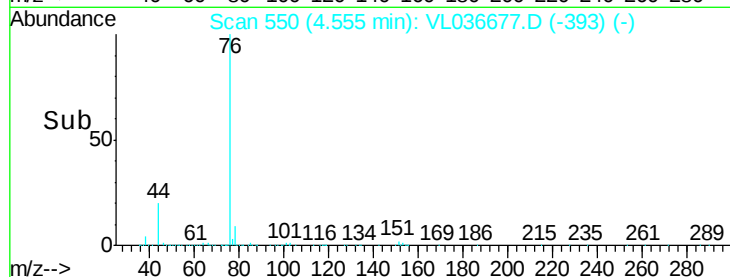
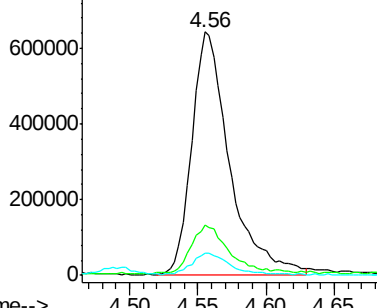
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Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 8.015 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.00 min

Lab File: VL036677.D

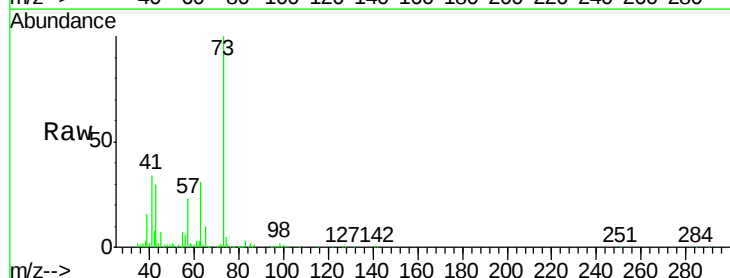
Acq: 5 Apr 2021 15:57

Tgt Ion: 73 Resp: 1455173

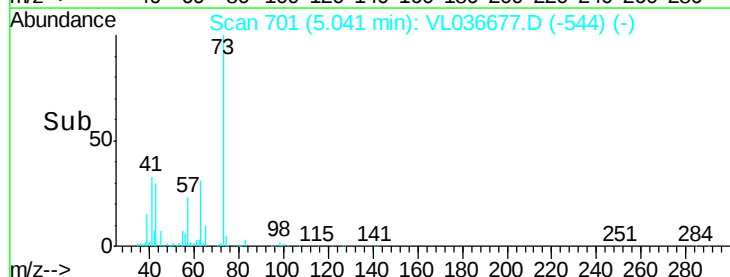
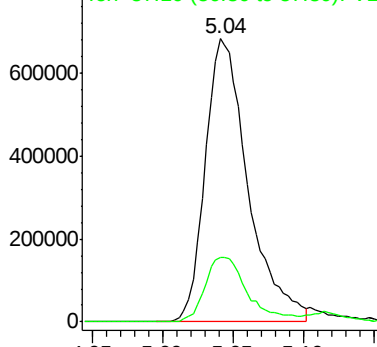
Ion Ratio Lower Upper

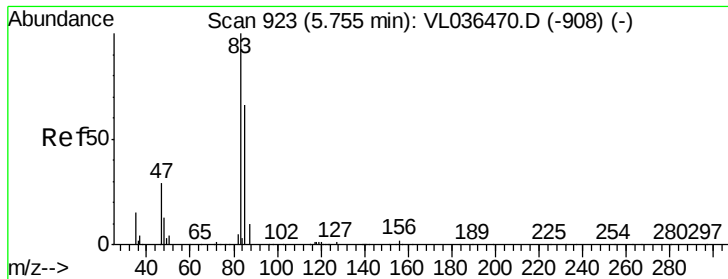
73 100

57 22.9 18.5 27.7



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





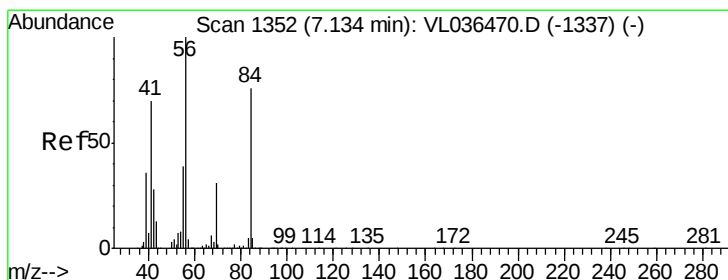
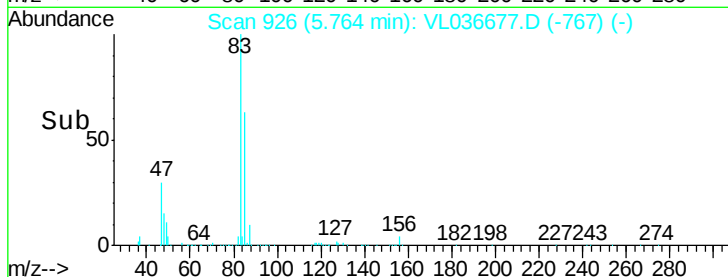
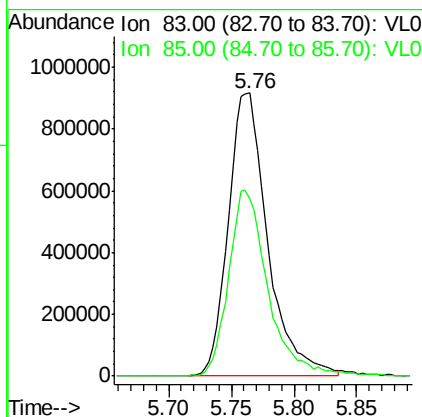
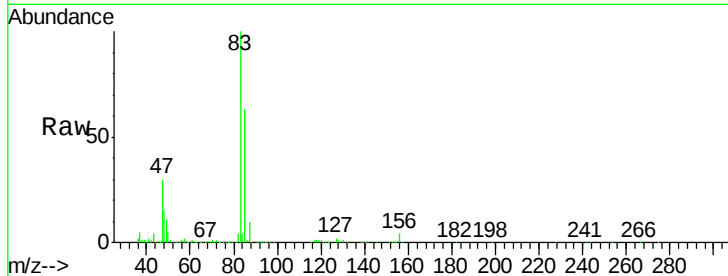
#29
Chloroform
Concen: 8.123 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 83 Resp: 2000069
Ion Ratio Lower Upper
83 100
85 62.5 52.6 78.8

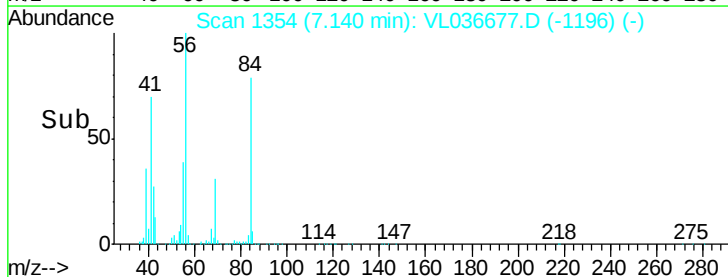
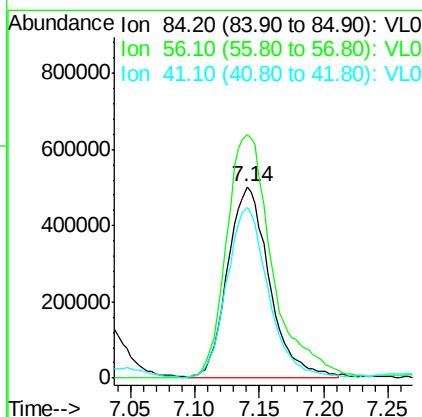
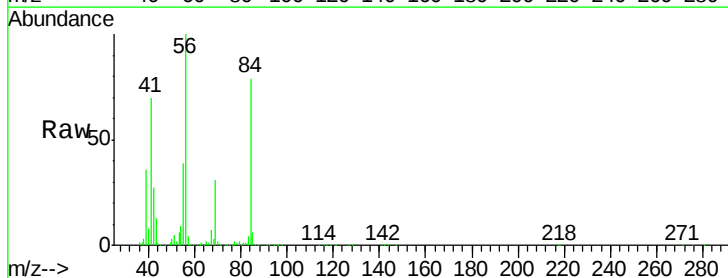
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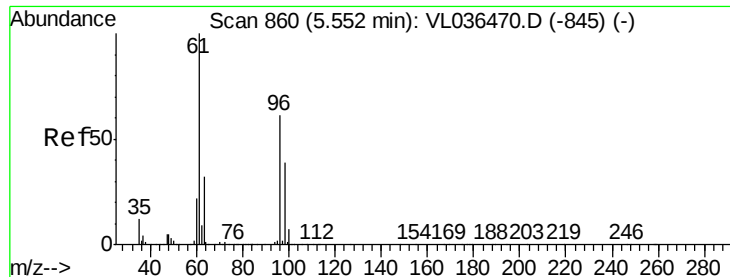
apatel
4/9/2021 9:47:34 AM



#30
Cyclohexane
Concen: 8.948 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 84 Resp: 1117276
Ion Ratio Lower Upper
84 100
56 142.6 114.6 171.8
41 89.7 75.3 112.9





#31

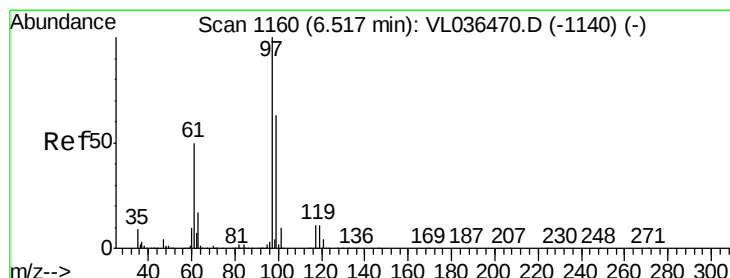
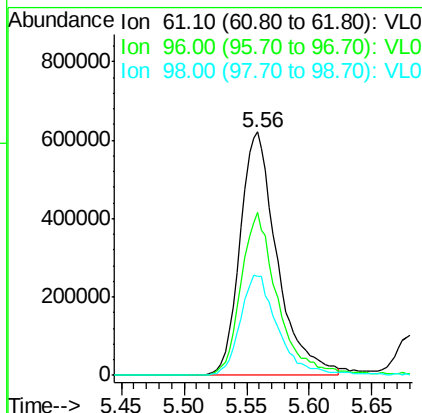
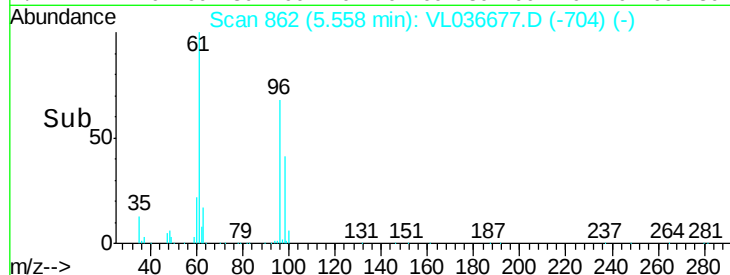
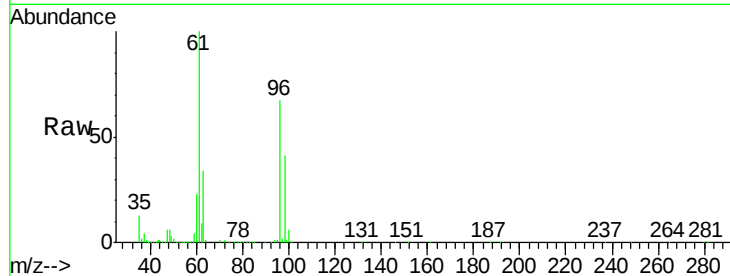
cis-1,2-Dichloroethene
Concen: 8.553 ppbv
RT: 5.56 min Scan# 862
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
61	100		
96	66.7	48.7	73.1
98	40.8	31.4	47.0

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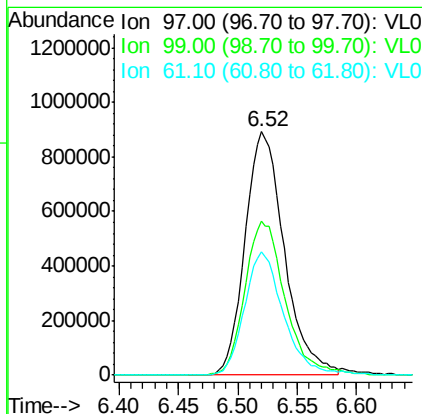
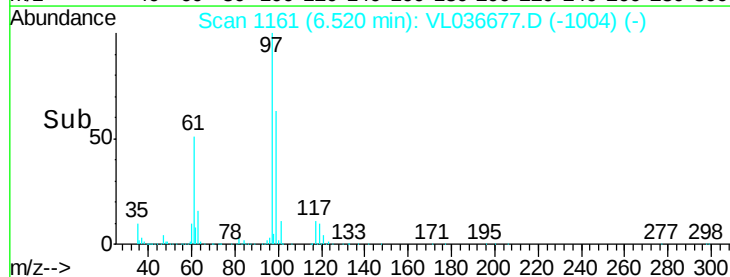
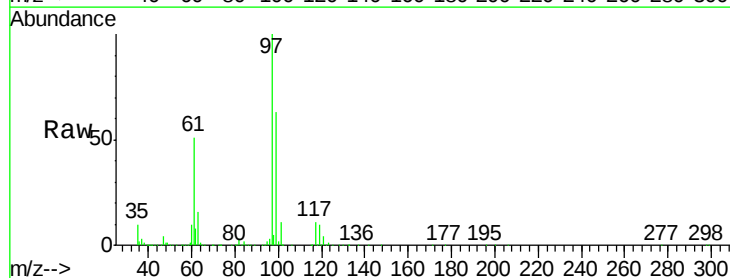
apatel
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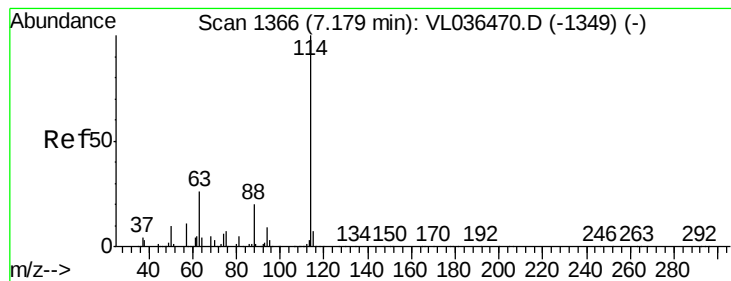


#32

1,1,1-Trichloroethane
Concen: 8.221 ppbv
RT: 6.52 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	50.6	40.6	60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:114 Resp: 3667628

Ion Ratio Lower Upper

114 100

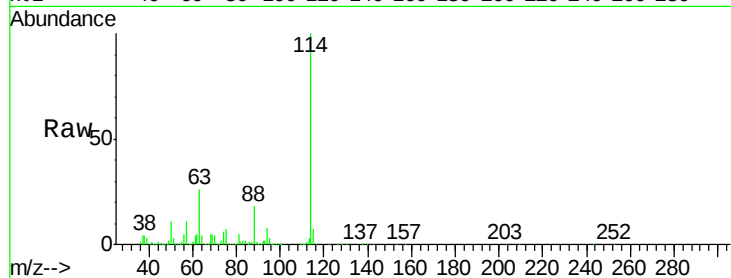
63 26.8 22.4 33.6

88 18.5 15.4 23.0

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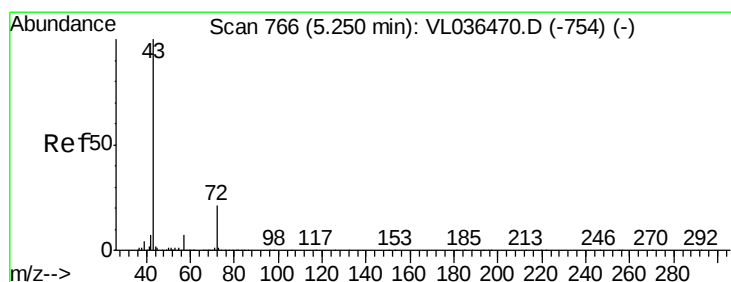
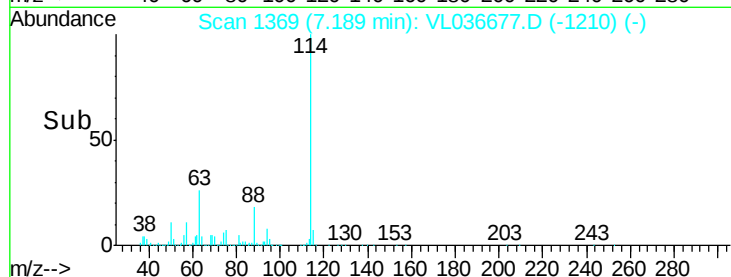
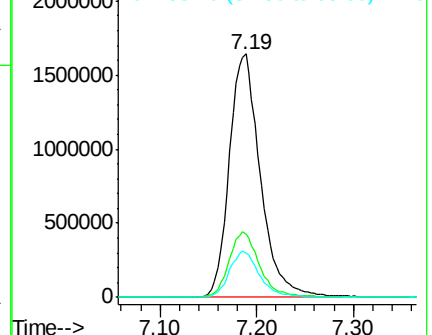
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Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 7.057 ppbv

RT: 5.25 min Scan# 767

Delta R.T. 0.00 min

Lab File: VL036677.D

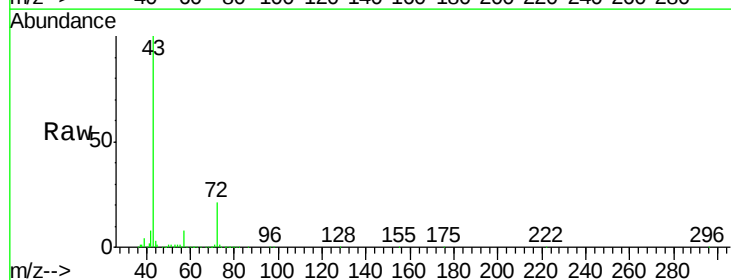
Acq: 5 Apr 2021 15:57

Tgt Ion: 43 Resp: 1263433

Ion Ratio Lower Upper

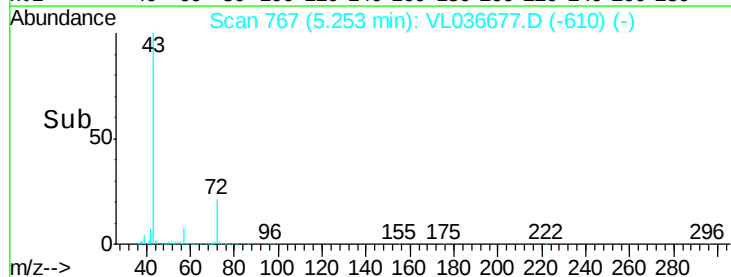
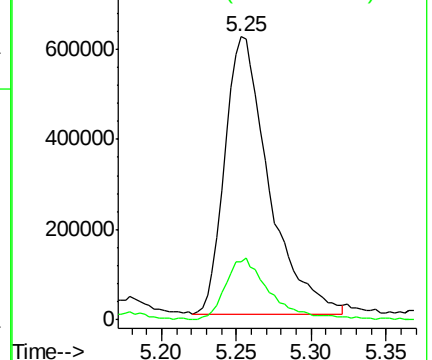
43 100

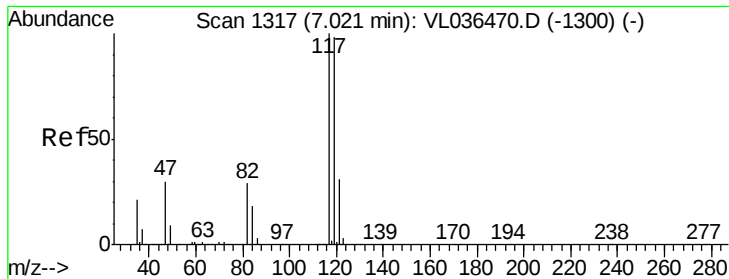
72 23.6 17.0 25.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 7.555 ppbv

RT: 7.03 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

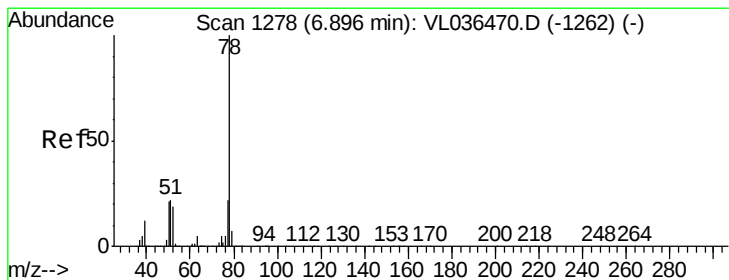
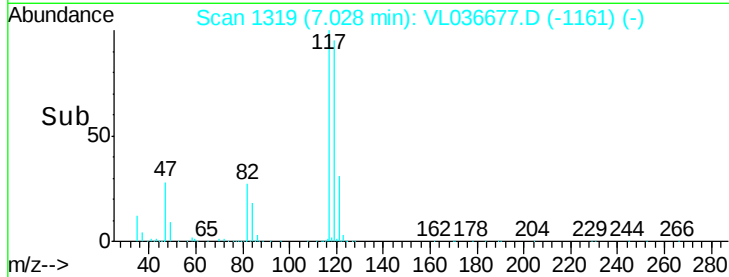
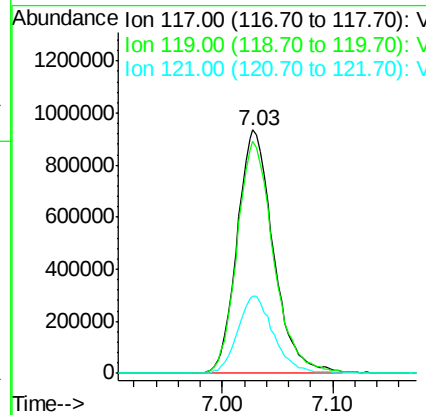
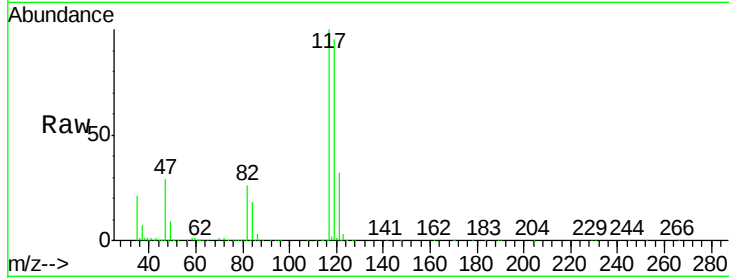
ClientSampleId :

VSTDCCC010

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.2	117.2
121	31.6	24.5	36.7

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#36

Benzene

Concen: 8.061 ppbv

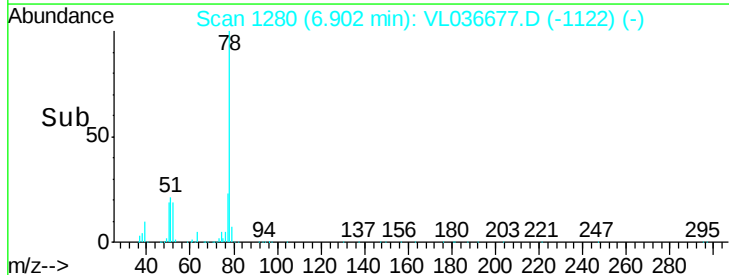
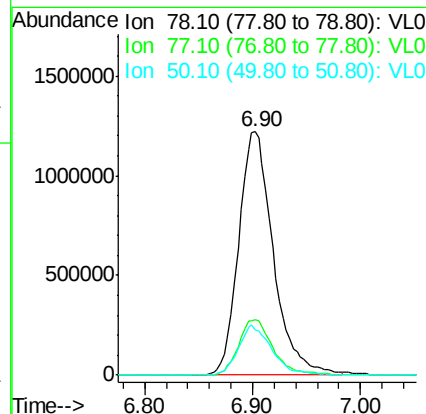
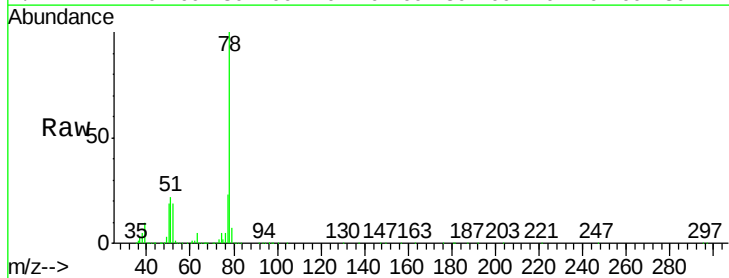
RT: 6.90 min Scan# 1280

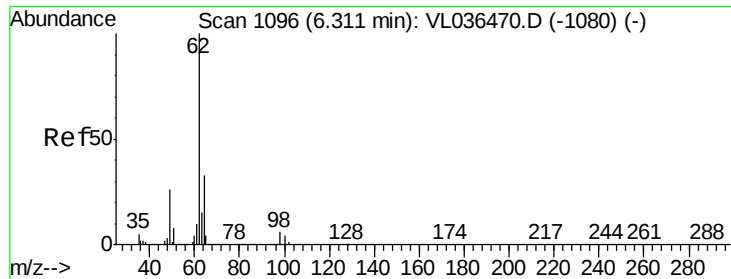
Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.0	27.0
50	18.8	16.5	24.7





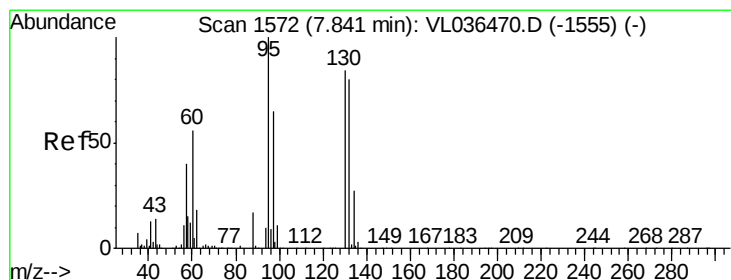
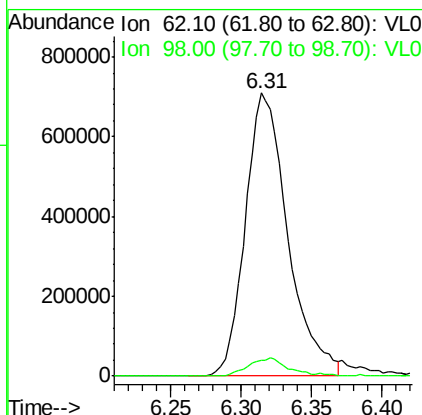
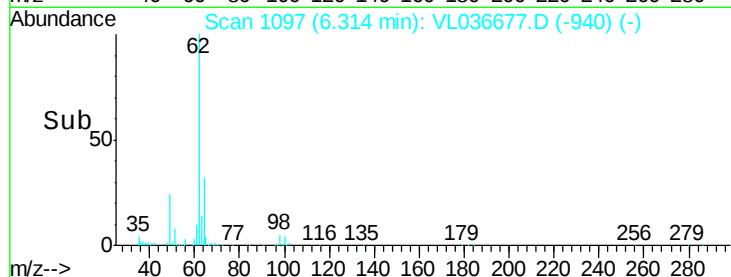
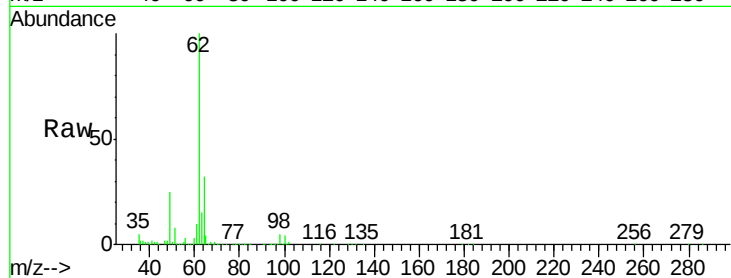
#37
 1,2-Dichloroethane
 Concen: 7.527 ppbv
 RT: 6.31 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 62 Resp: 1498473
 Ion Ratio Lower Upper
 62 100
 98 6.4 4.9 7.3

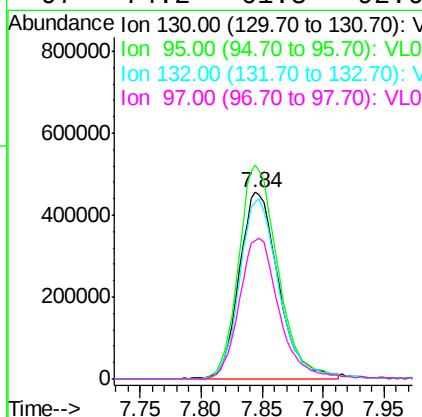
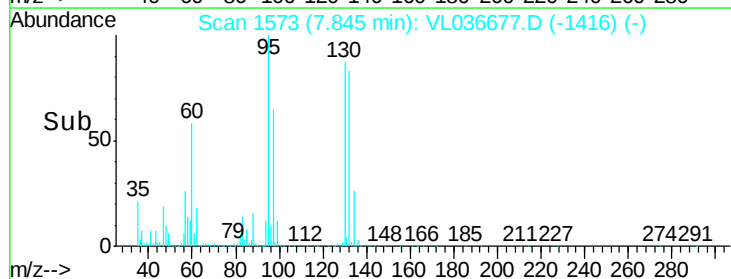
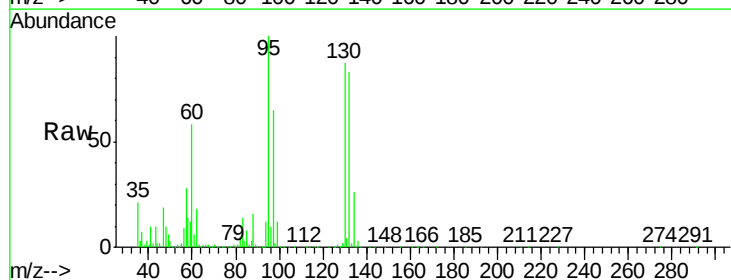
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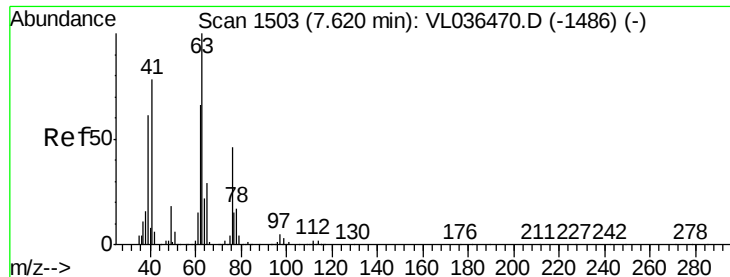
apatel
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#38
 Trichloroethene
 Concen: 7.635 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion: 130 Resp: 1005060
 Ion Ratio Lower Upper
 130 100
 95 114.9 95.7 143.5
 132 95.2 76.2 114.4
 97 74.2 61.8 92.6





#39

1,2-Dichloropropane

Concen: 7.697 ppbv

RT: 7.63 min Scan# 1505

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 63 Resp: 1056063

Ion Ratio Lower Upper

63 100

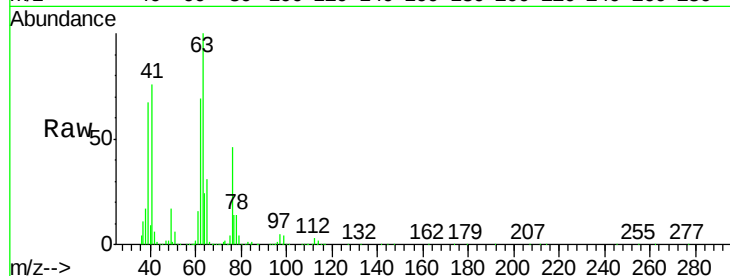
41 76.0 62.4 93.6

62 69.3 52.8 79.2

Manual Integrations
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Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

600000

500000

400000

300000

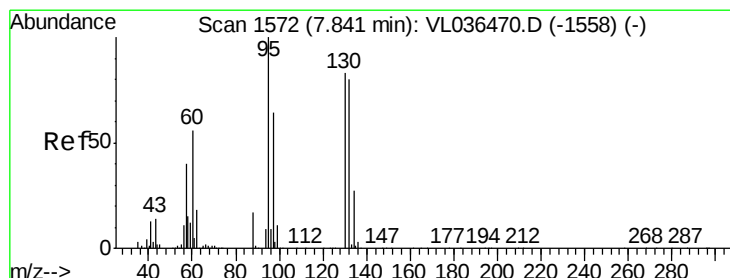
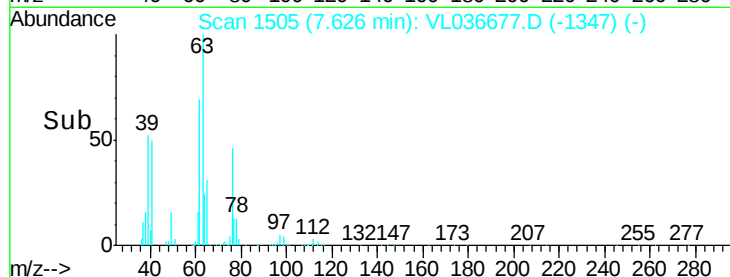
200000

100000

0

7.60 7.70

Time-->



#40

1,4-Dioxane

Concen: 7.034 ppbv m

RT: 7.84 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Tgt Ion: 88 Resp: 224627

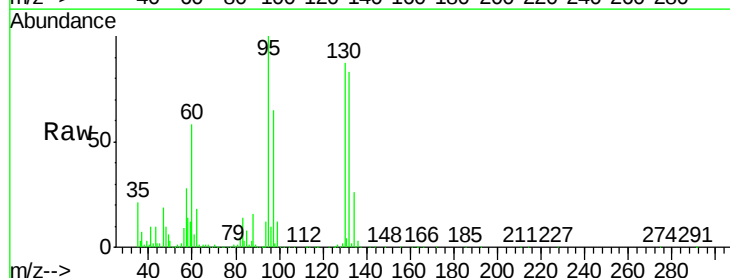
Ion Ratio Lower Upper

88 100

58 0.0 134.1 201.1#

43 0.0 346.6 520.0#

57 0.0 1481.8 2222.8#



Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

3000000

2500000

2000000

1500000

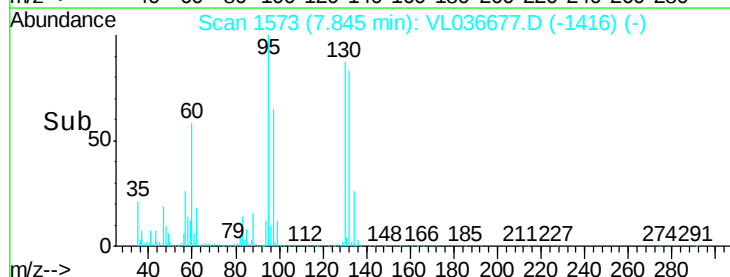
1000000

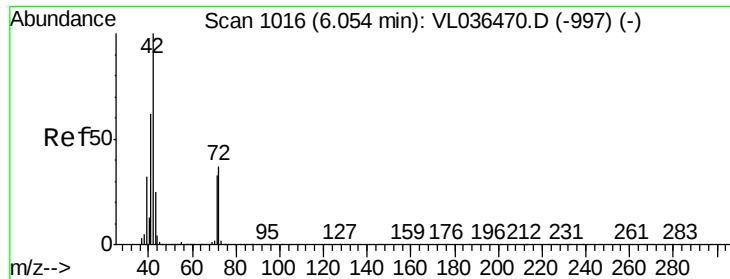
500000

0

7.75 7.80 7.85 7.90 7.95

Time-->





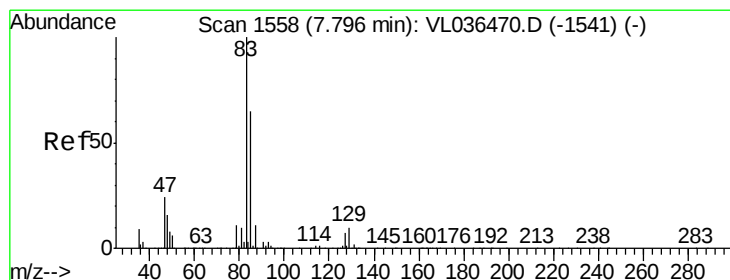
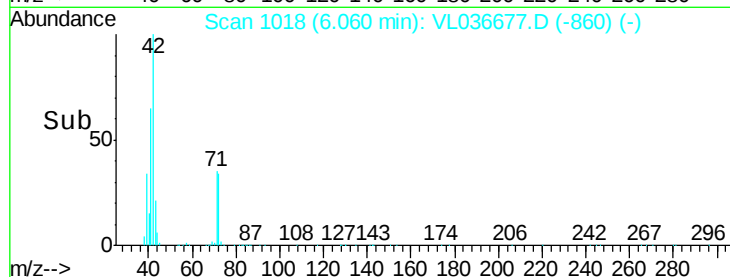
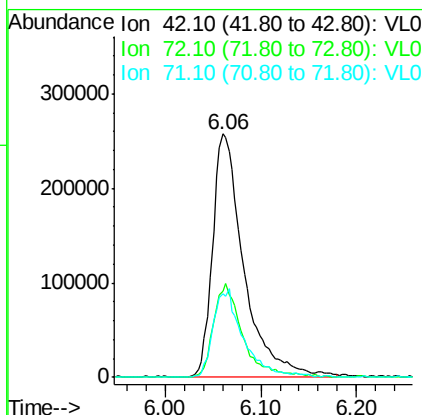
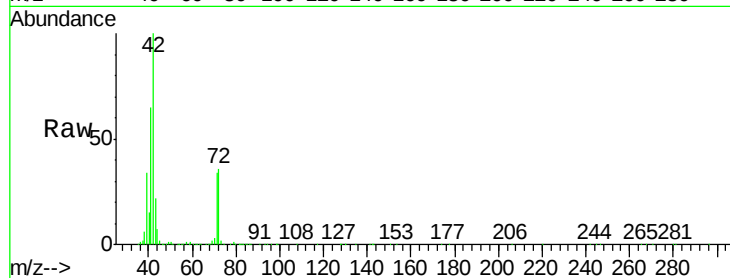
#41
Tetrahydrofuran
Concen: 7.129 ppbv m
RT: 6.06 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.2	27.6	41.4
71	35.0	27.0	40.4

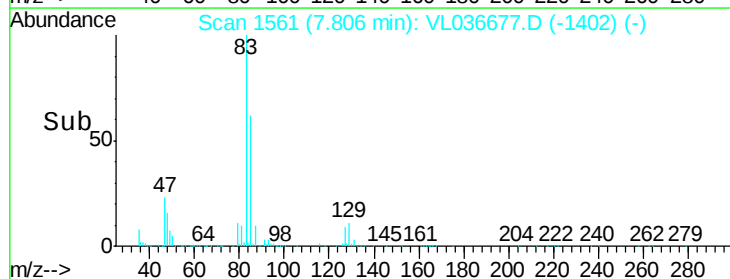
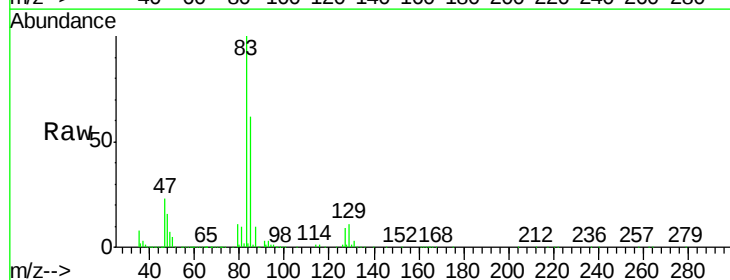
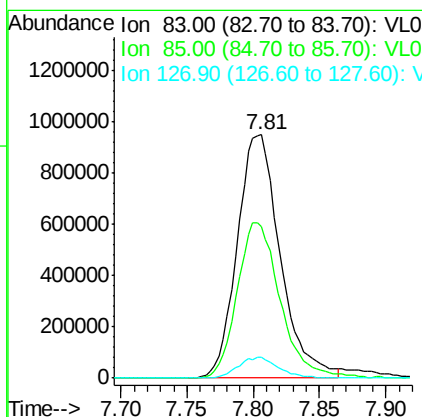
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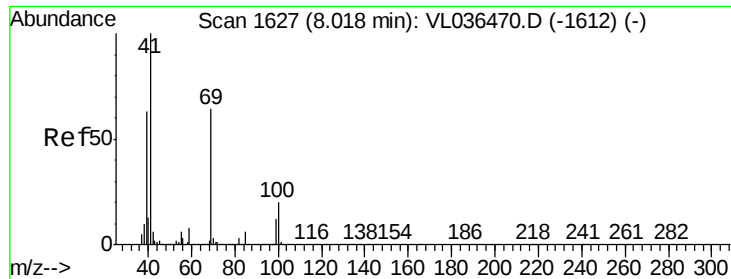
apatel
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#42
Bromodichloromethane
Concen: 7.928 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.8	77.6
127	8.6	5.8	8.8





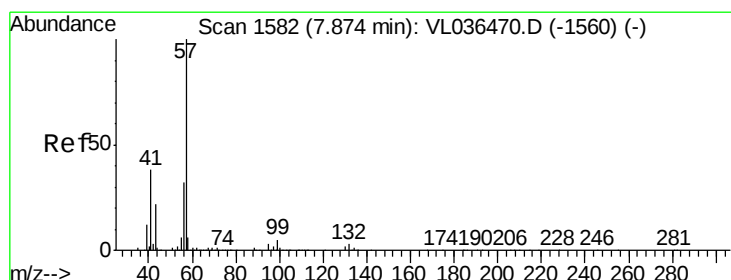
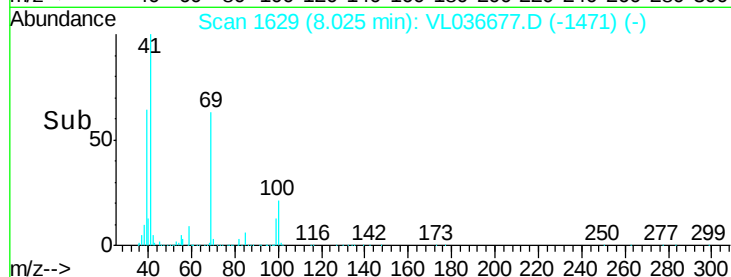
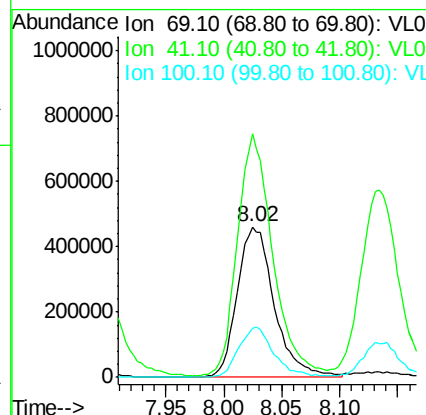
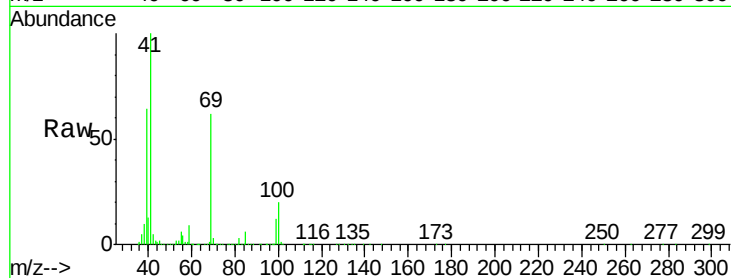
#43
Methvl Methacrylate
Concen: 8.973 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 69 Resp: 1019241
Ion Ratio Lower Upper
69 100
41 155.6 126.8 190.2
100 32.2 24.9 37.3

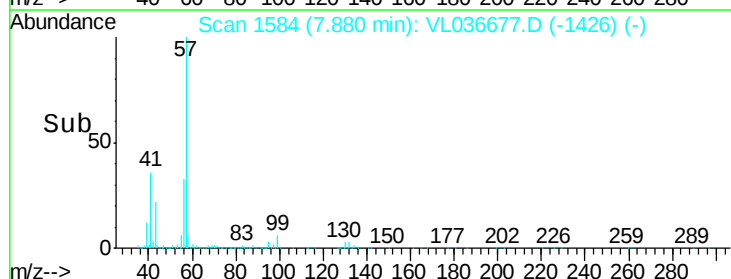
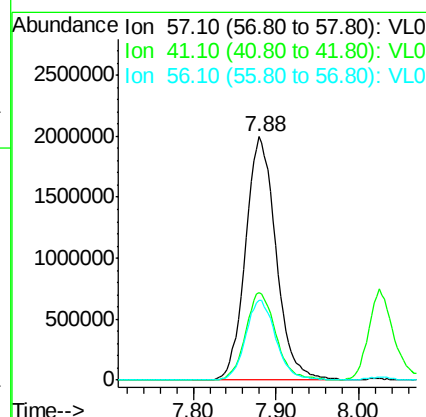
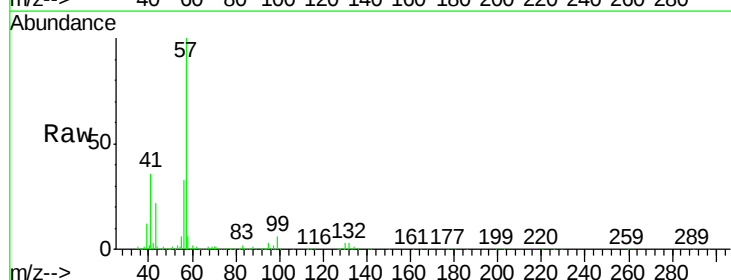
Manual Integrations
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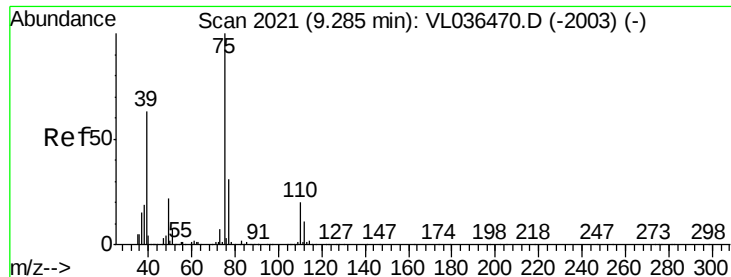
apatel
4/9/2021 9:47:34 AM



#44
2,2,4-Trimethylpentane
Concen: 8.571 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 57 Resp: 5102251
Ion Ratio Lower Upper
57 100
41 35.7 28.8 43.2
56 32.4 26.1 39.1





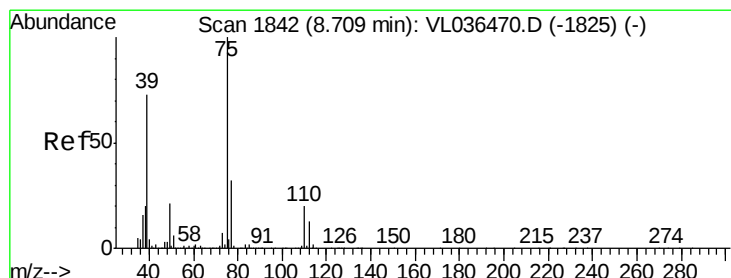
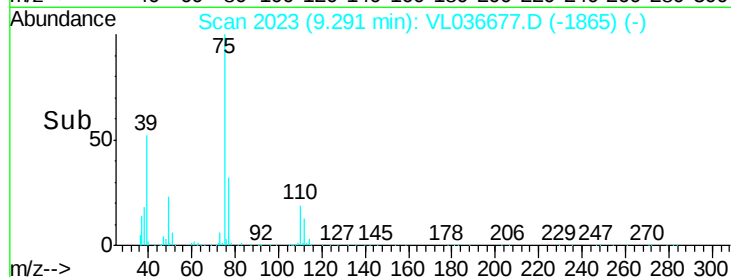
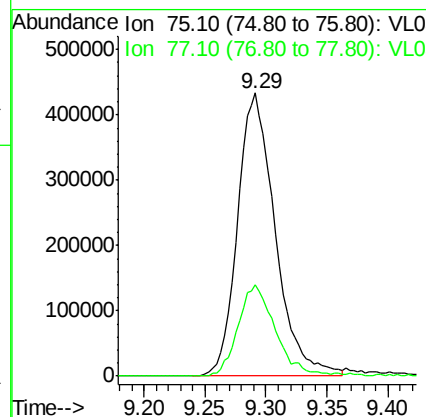
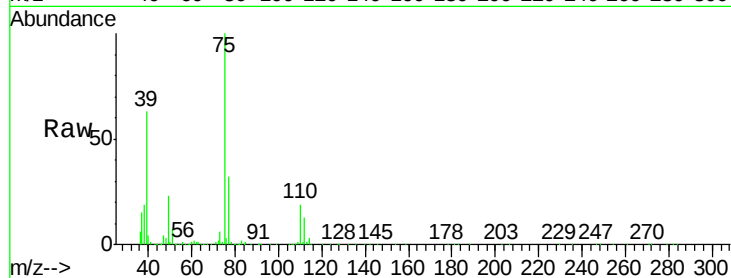
#45
t-1,3-Dichloropropene
Concen: 7.137 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 75 Resp: 925618
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7

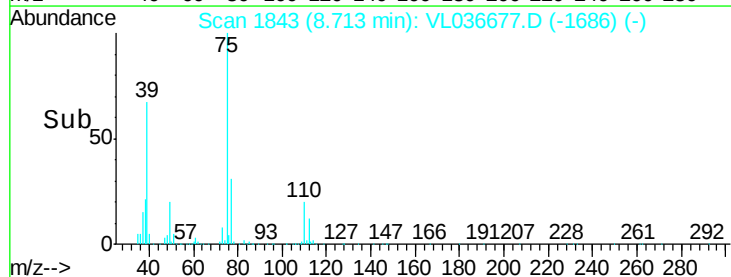
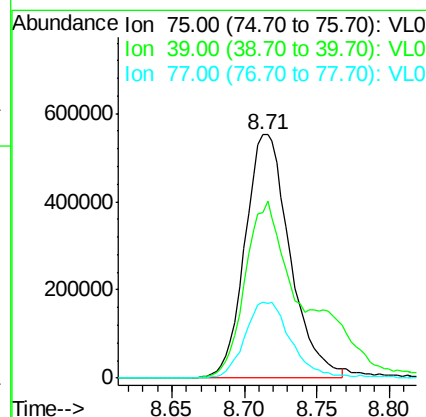
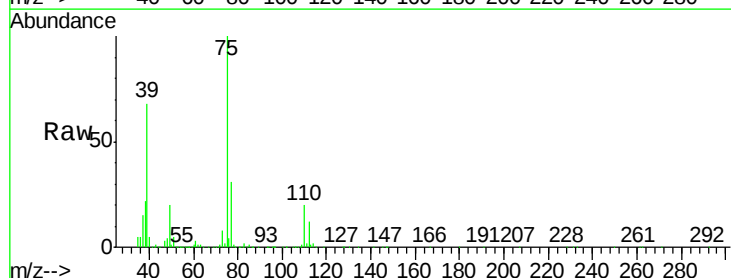
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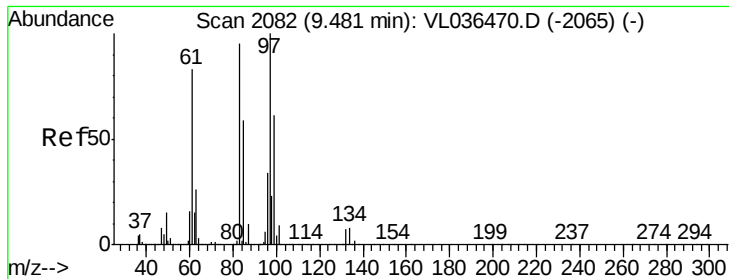
apatel
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#46
cis-1,3-Dichloropropene
Concen: 7.175 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 75 Resp: 1189526
Ion Ratio Lower Upper
75 100
39 68.0 58.2 87.2
77 31.3 25.2 37.8





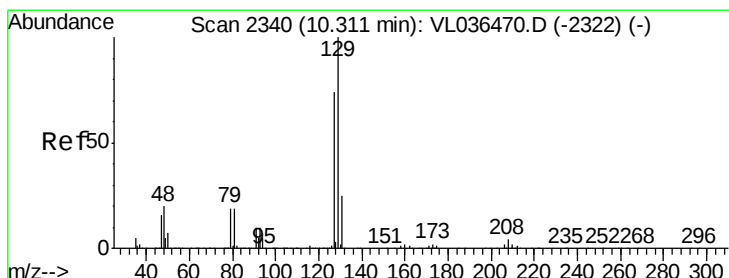
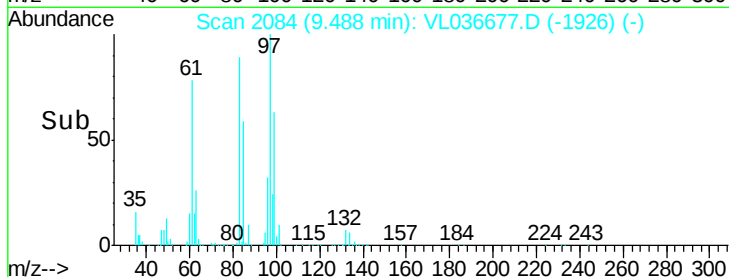
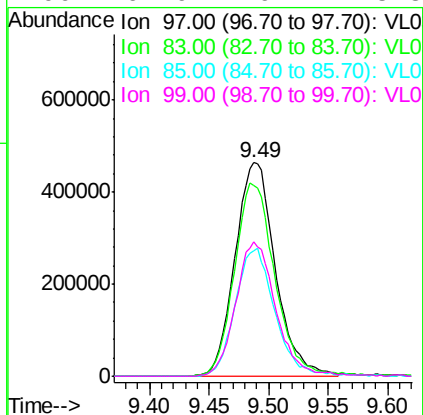
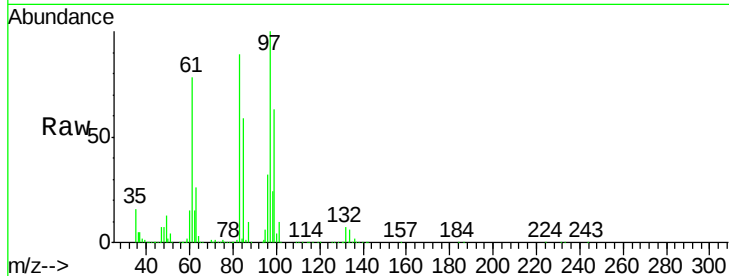
#47
 1,1,2-Trichloroethane
 Concen: 7.838 ppbv
 RT: 9.49 min Scan# 2084
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.8	75.8	113.8
85	58.5	47.1	70.7
99	62.9	49.2	73.8

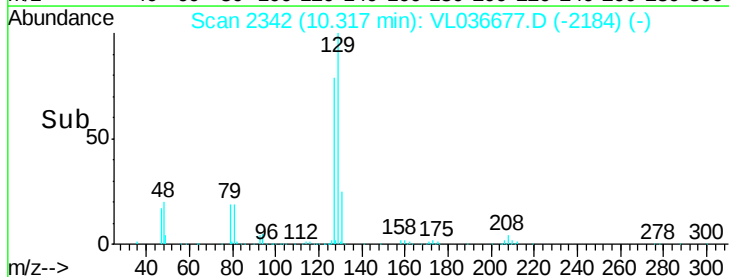
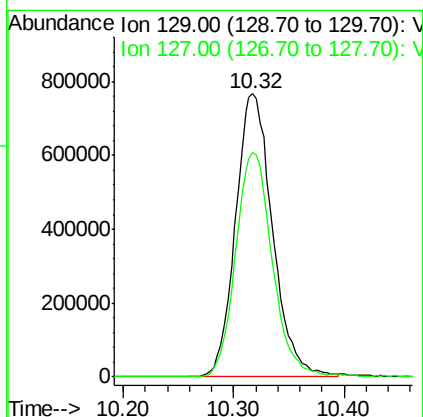
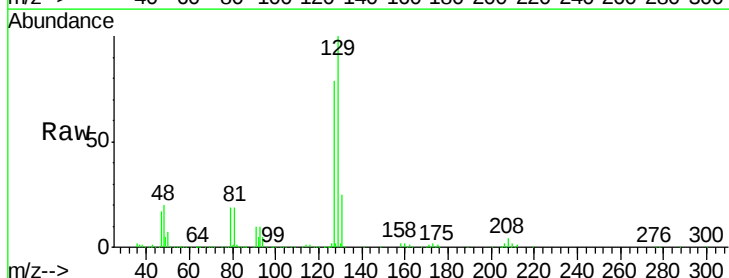
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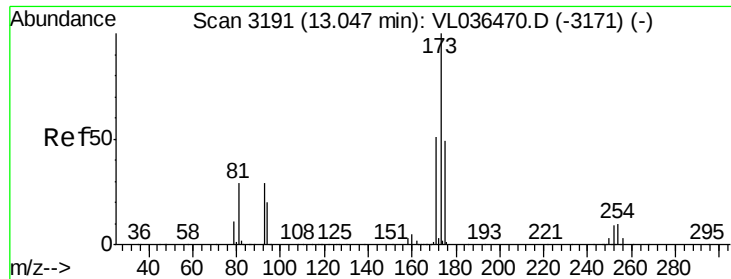
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#48
 Dibromochloromethane
 Concen: 8.407 ppbv
 RT: 10.32 min Scan# 2342
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.6	118.8





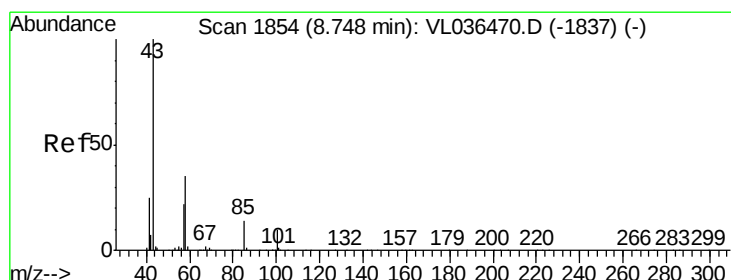
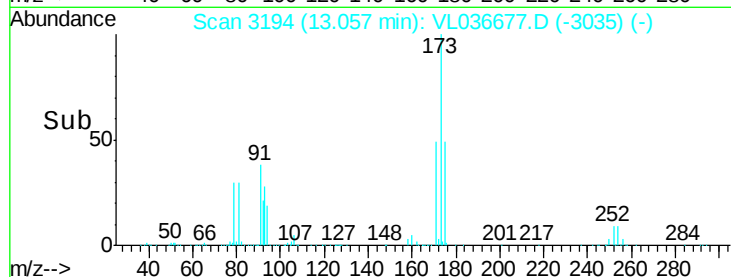
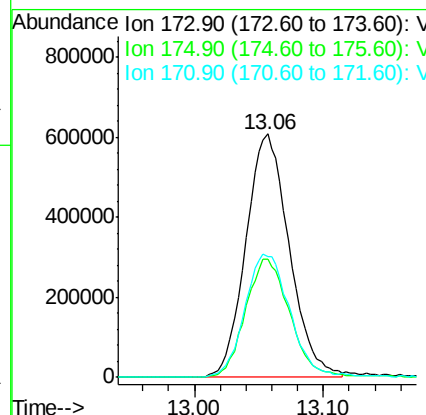
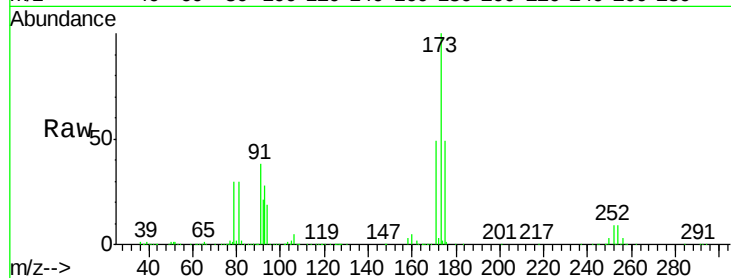
#49
Bromoform
Concen: 8.373 ppbv
RT: 13.06 min Scan# 3194
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.6	59.4
171	53.0	41.4	62.0

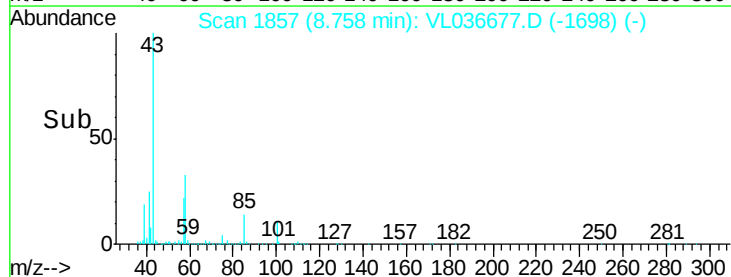
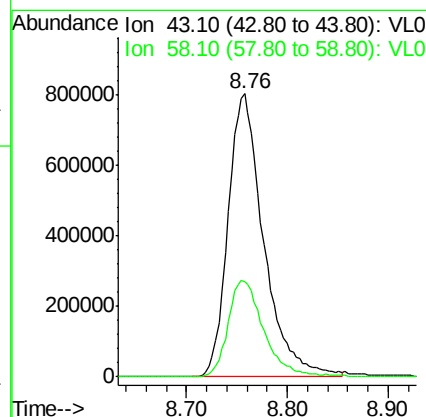
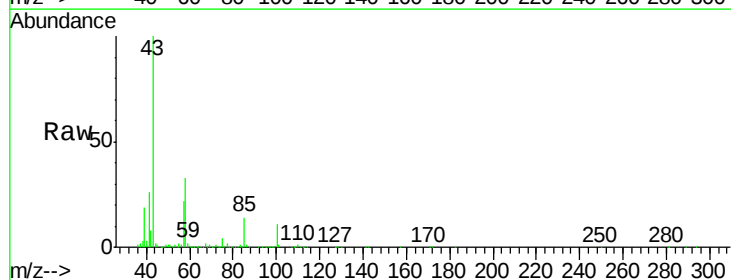
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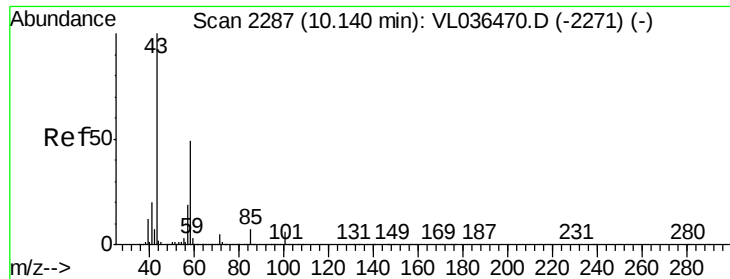
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#50
4-Methyl-2-Pentanone
Concen: 7.575 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.6	28.2	42.2





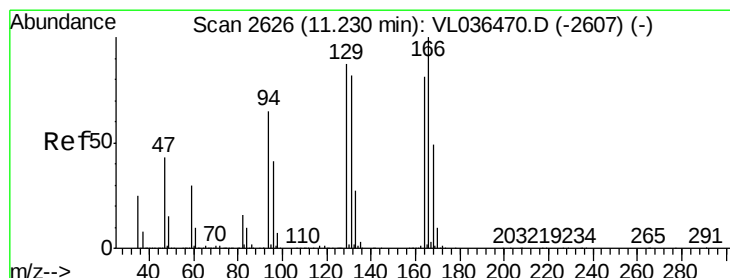
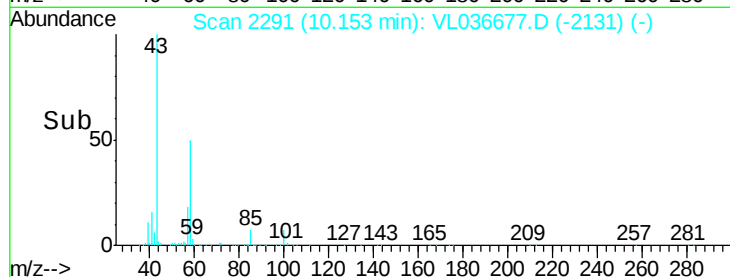
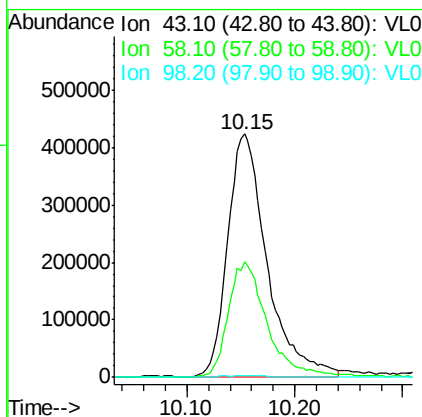
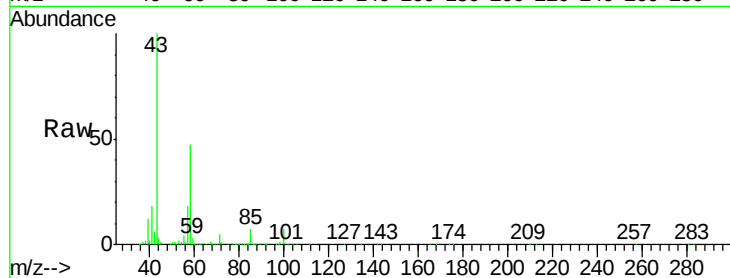
#51
2-Hexanone
Concen: 8.221 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1074695
Ion Ratio Lower Upper
43 100
58 47.8 37.7 56.5
98 0.8 0.2 0.2#

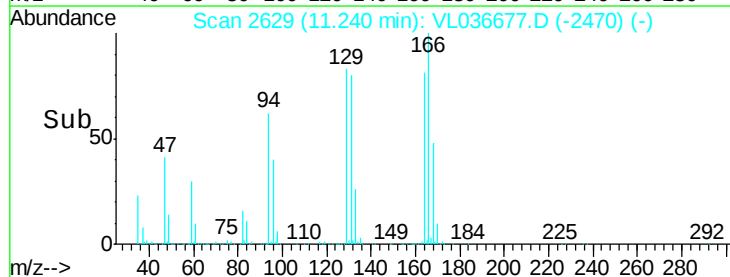
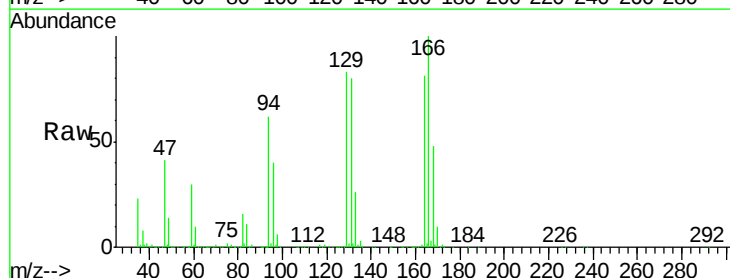
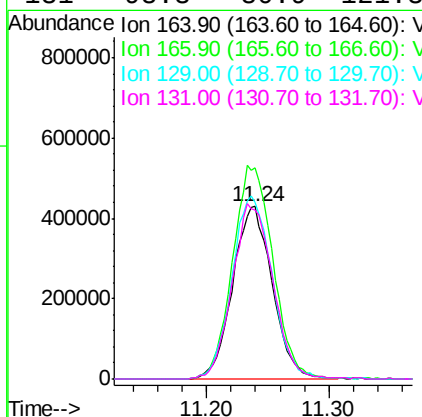
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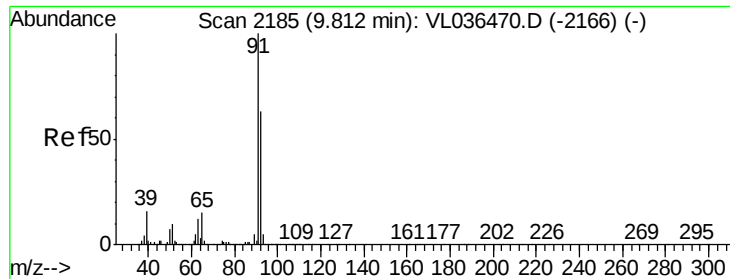
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#52
Tetrachloroethene
Concen: 7.686 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 164 Resp: 957375
Ion Ratio Lower Upper
164 100
166 122.9 98.3 147.5
129 102.3 85.8 128.8
131 98.3 80.9 121.3





#53

Toluene

Concen: 8.549 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 3079456

Ion Ratio Lower Upper

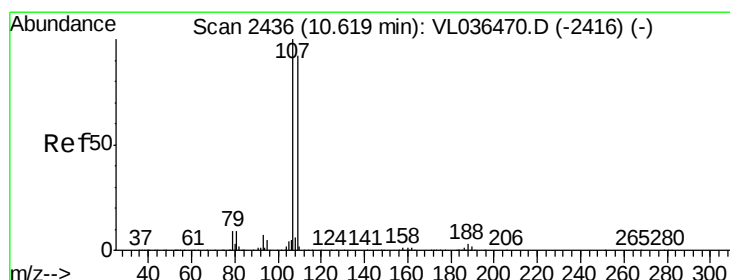
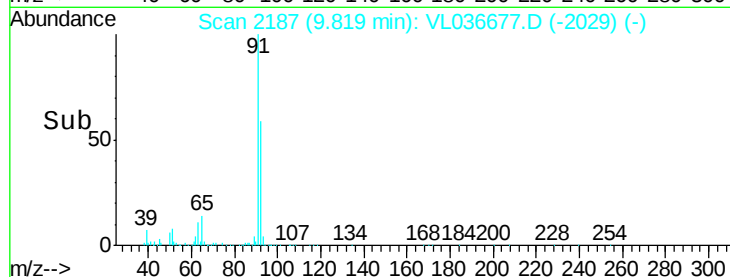
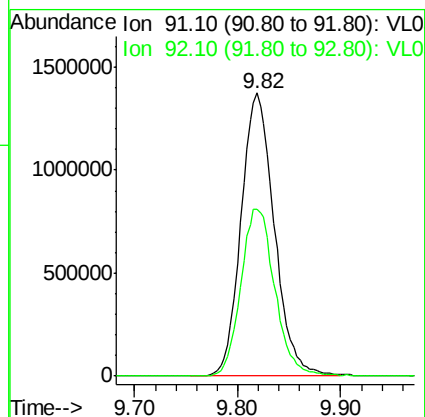
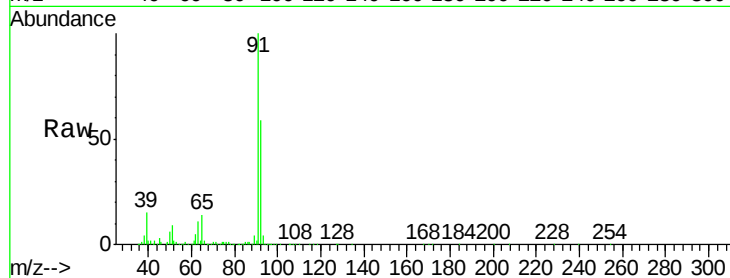
91 100

92 60.6 48.8 73.2

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#54

1,2-Dibromoethane

Concen: 8.077 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.01 min

Lab File: VL036677.D

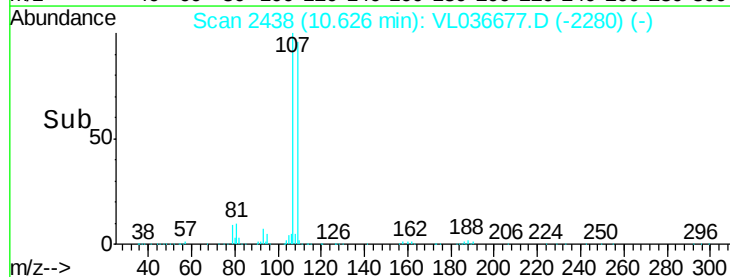
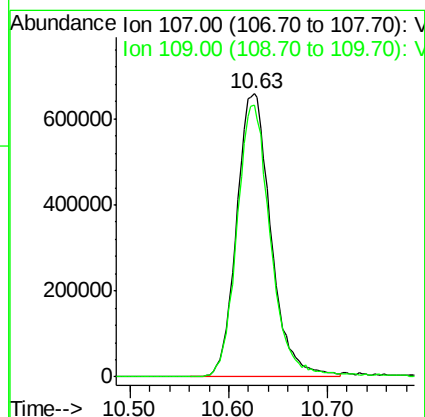
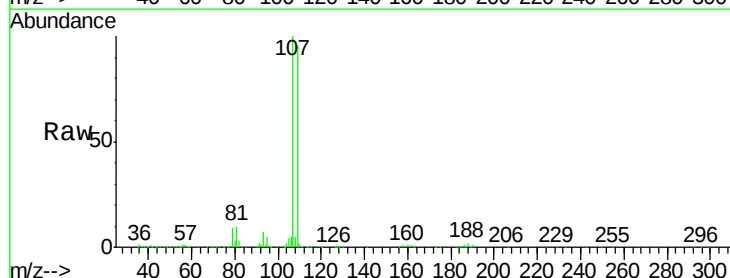
Acq: 5 Apr 2021 15:57

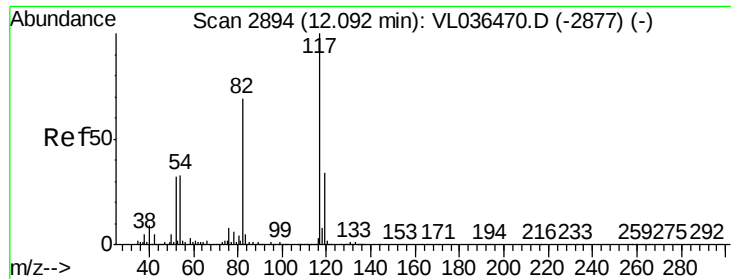
Tgt Ion: 107 Resp: 1585336

Ion Ratio Lower Upper

107 100

109 96.2 73.9 110.9





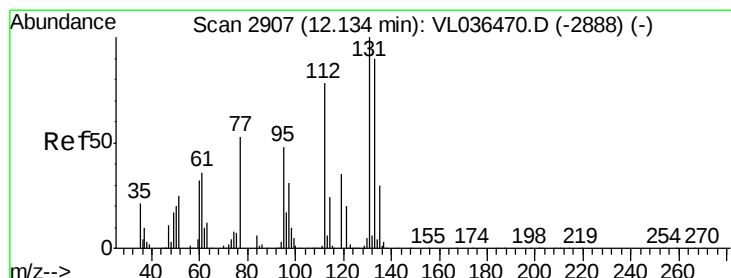
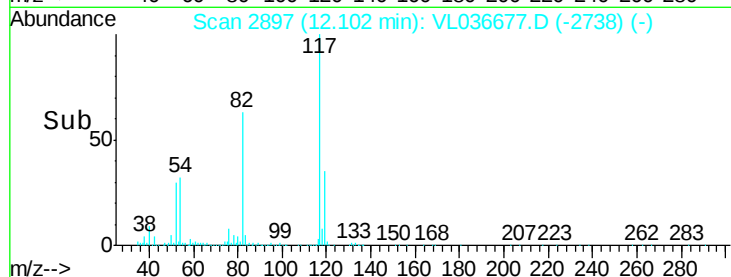
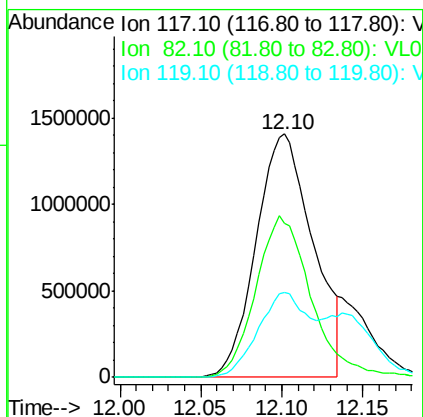
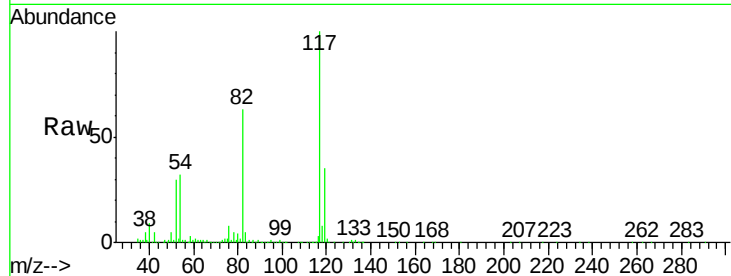
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:117 Resp: 3444226
Ion Ratio Lower Upper
117 100
82 65.6 57.4 86.0
119 54.9 47.4 71.0

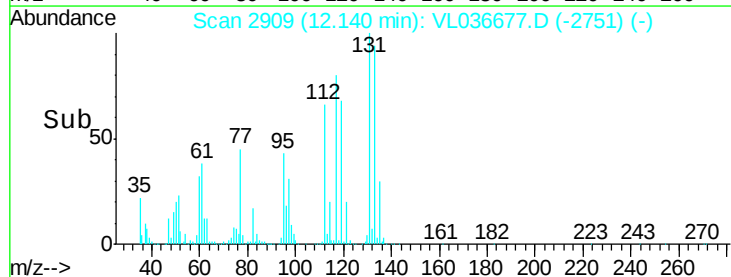
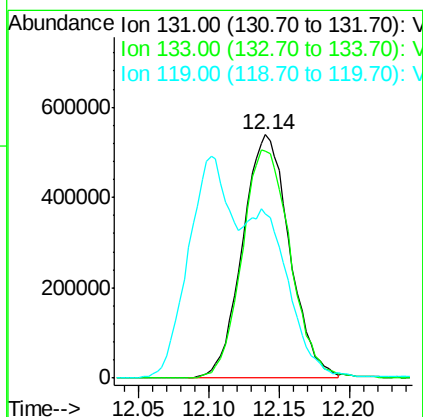
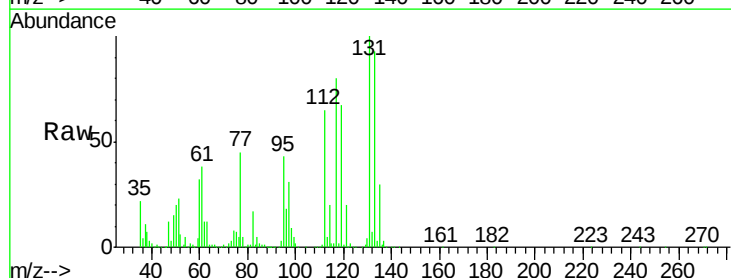
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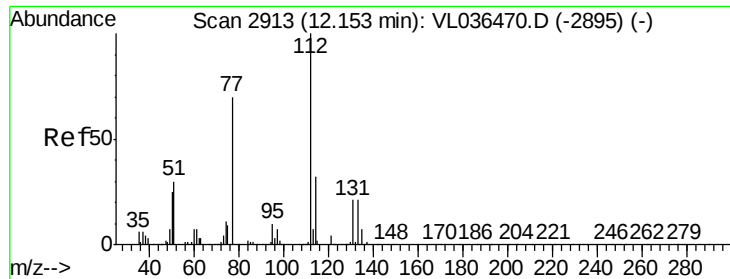
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#56
1,1,1,2-Tetrachloroethane
Concen: 8.034 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion:131 Resp: 1251568
Ion Ratio Lower Upper
131 100
133 97.1 75.8 113.6
119 150.4 48.7 73.1#





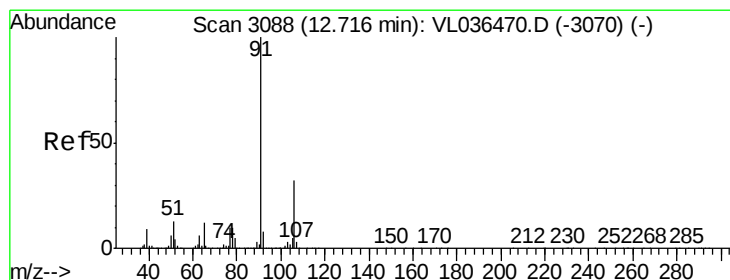
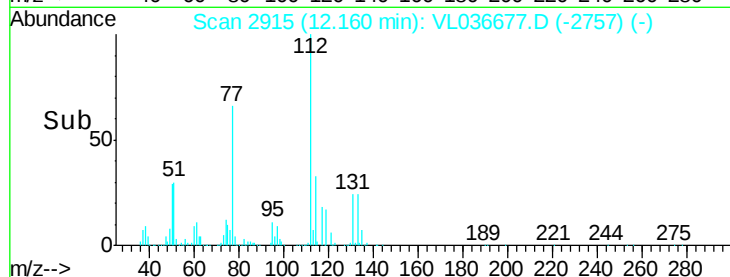
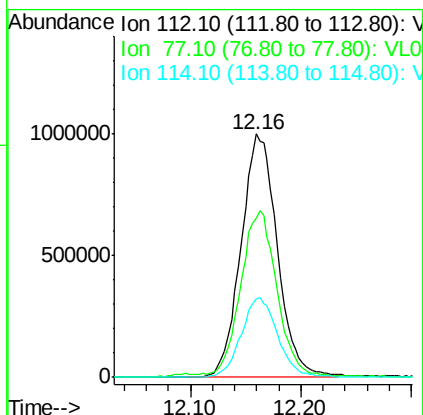
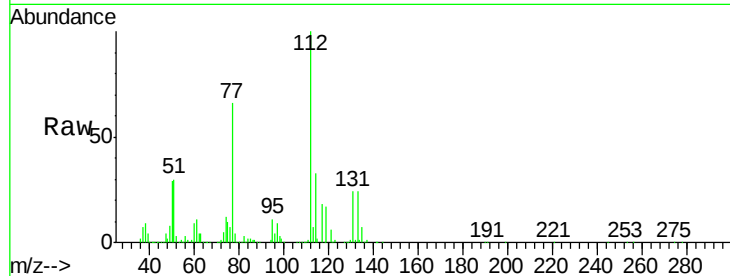
#57
Chlorobenzene
Concen: 7.759 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 112 Resp: 2273765
Ion Ratio Lower Upper
112 100
77 64.7 56.0 84.0
114 32.5 29.0 35.4

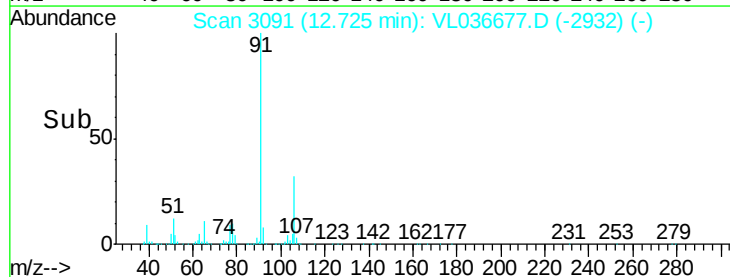
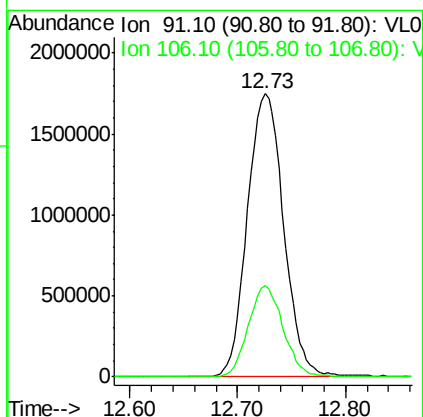
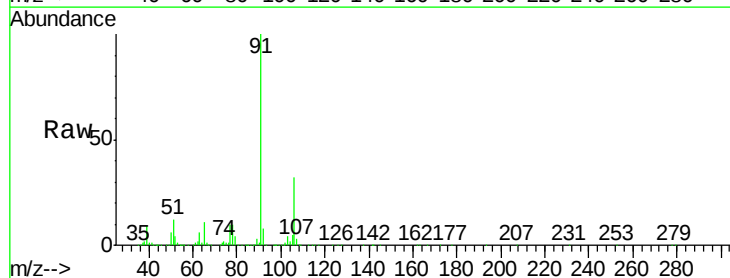
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#58
Ethyl Benzene
Concen: 8.154 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 91 Resp: 4085756
Ion Ratio Lower Upper
91 100
106 32.3 25.3 37.9





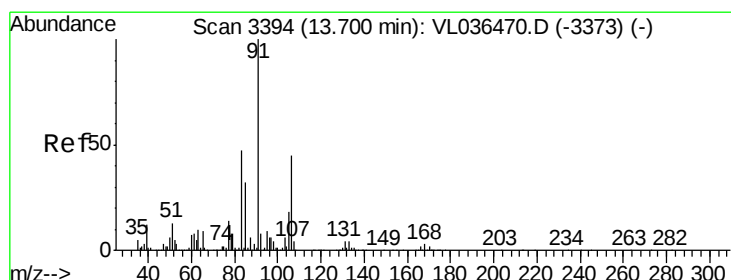
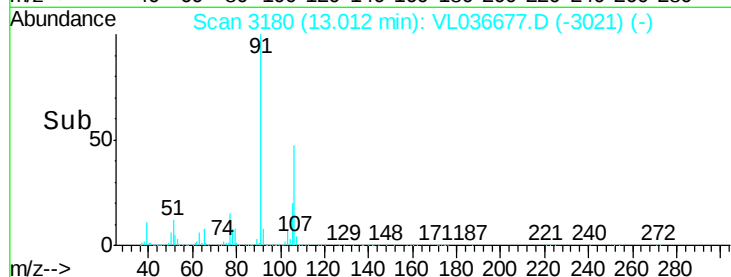
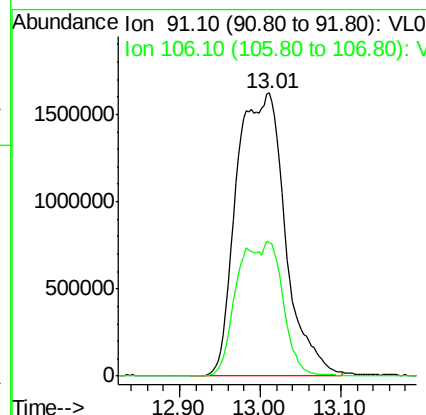
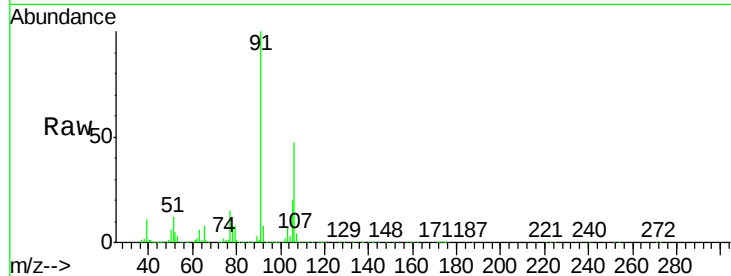
#59
m/p-Xylene
Concen: 15.716 ppbv m
RT: 13.01 min Scan# 3180
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 6868773
Ion Ratio Lower Upper
91 100
106 44.6 35.3 52.9

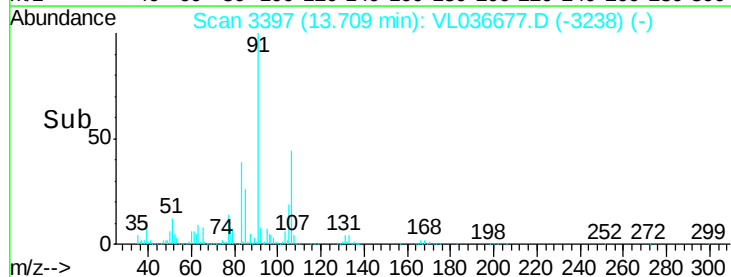
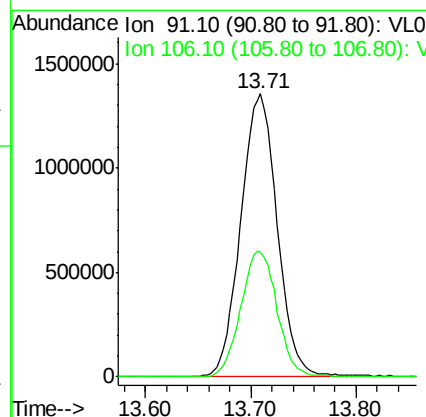
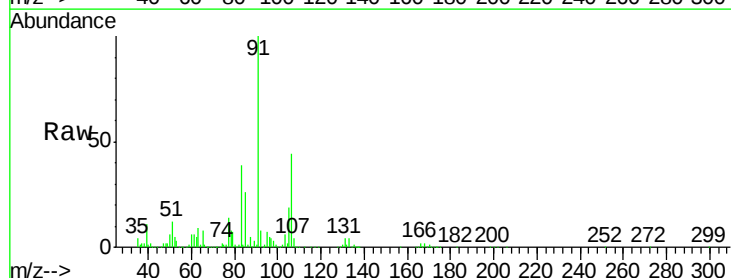
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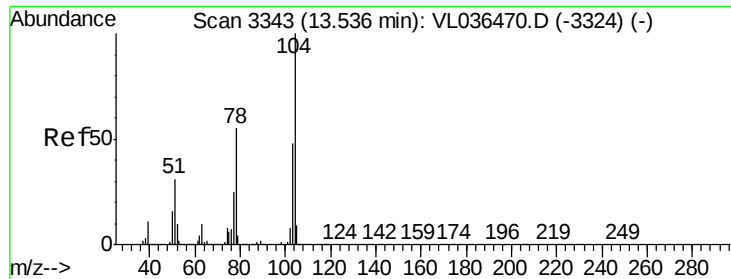
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#60
o-Xylene
Concen: 7.676 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 91 Resp: 3243684
Ion Ratio Lower Upper
91 100
106 44.7 22.3 66.9





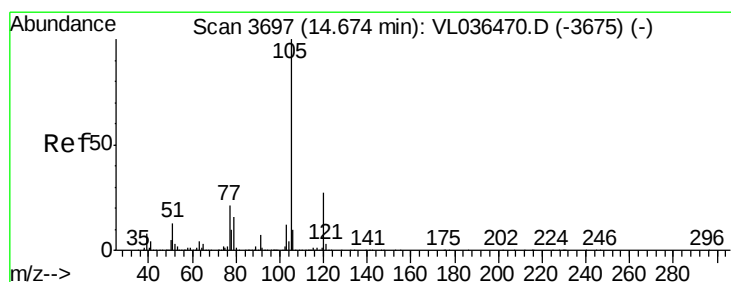
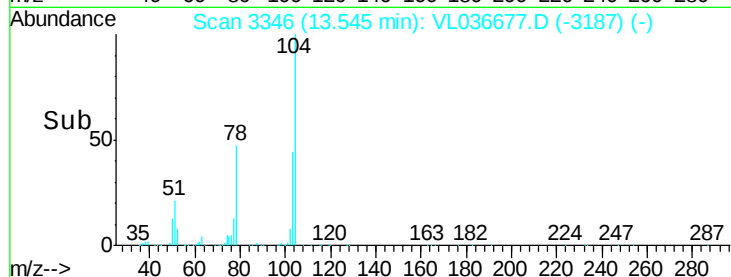
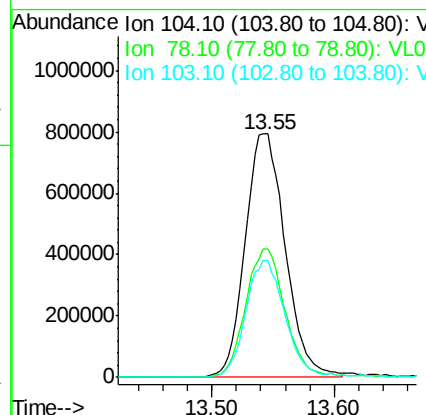
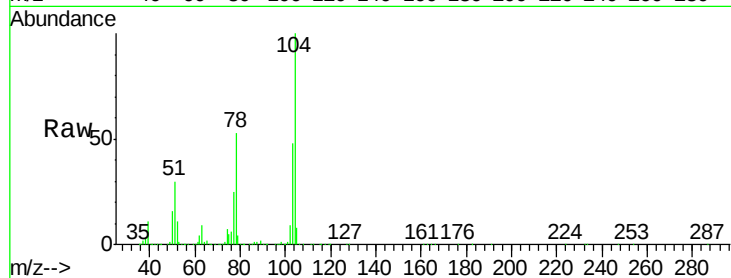
#61
Stvrene
Concen: 8.455 ppbv
RT: 13.55 min Scan# 3346
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.8	65.8
103	47.6	38.3	57.5

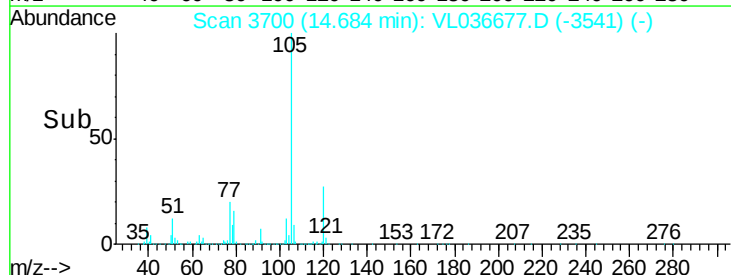
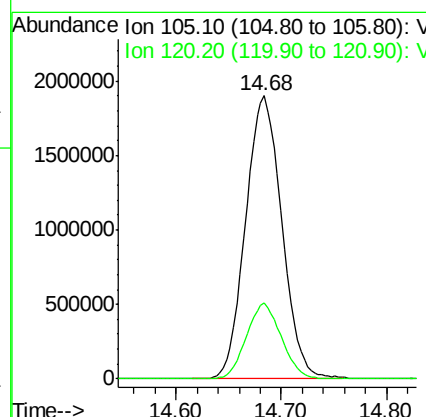
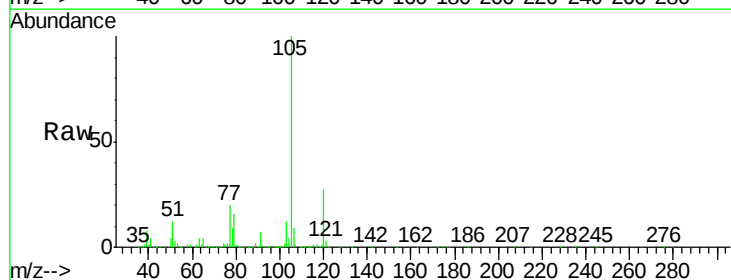
Manual Integrations
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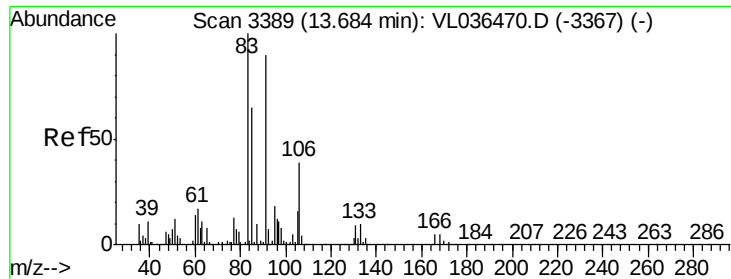
apatel
4/9/2021 9:47:34 AM



#62
Isopropylbenzene
Concen: 7.987 ppbv
RT: 14.68 min Scan# 3700
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.6	31.0





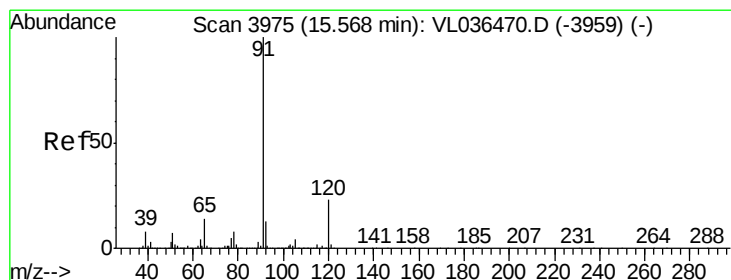
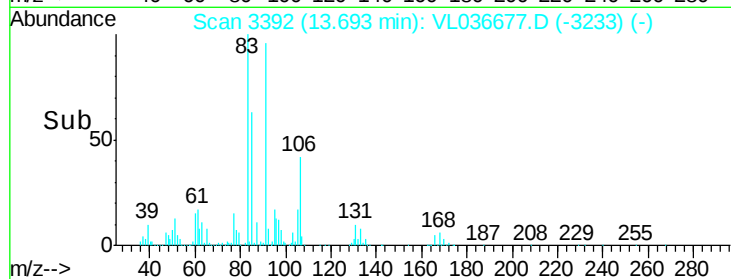
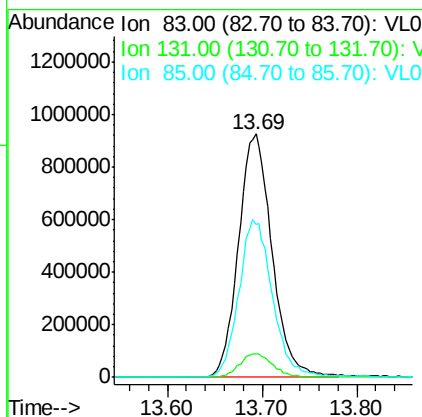
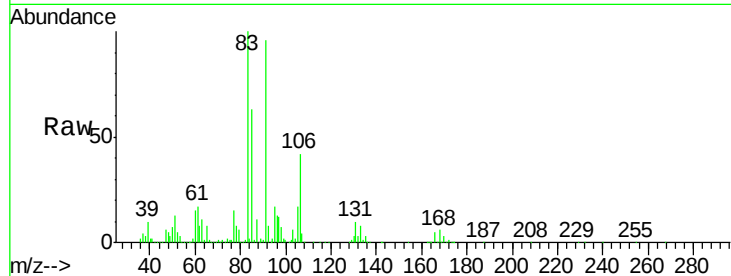
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.074 ppbv
 RT: 13.69 min Scan# 3392
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.7	14.0
85	65.2	33.1	99.3

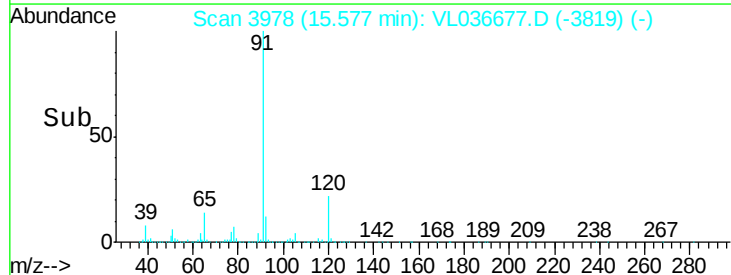
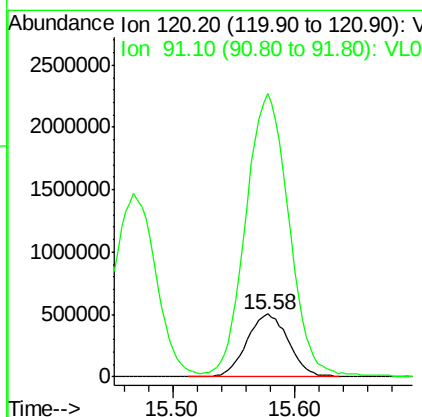
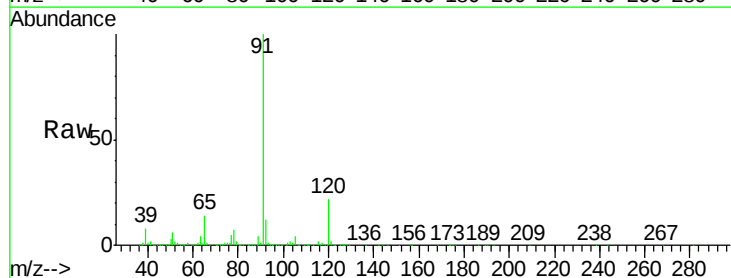
Manual Integrations
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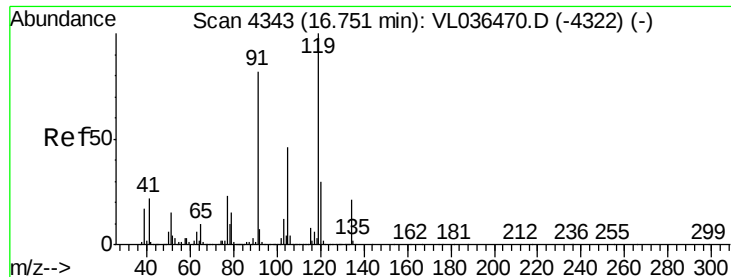
apatel
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#64
 n-propylbenzene
 Concen: 8.584 ppbv
 RT: 15.58 min Scan# 3978
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
120	100		
91	465.8	377.4	566.2





#65

tert-Butylbenzene

Concen: 8.008 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:119 Resp: 3951894

Ion Ratio Lower Upper

119 100

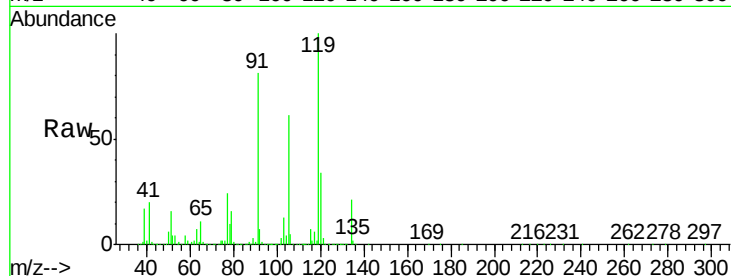
91 82.8 67.5 101.3

134 19.6 15.8 23.8

Manual Integrations
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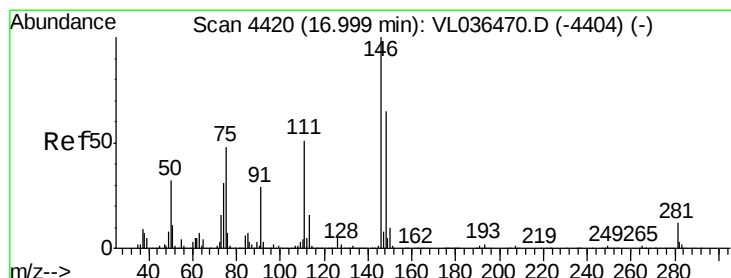
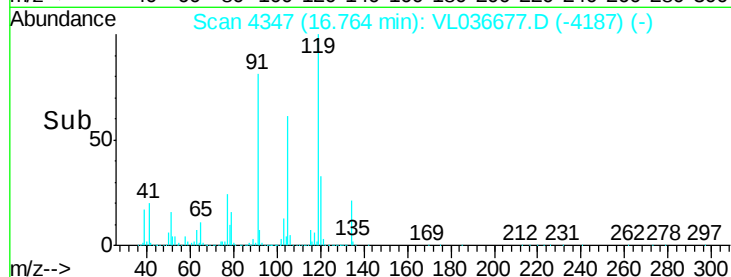
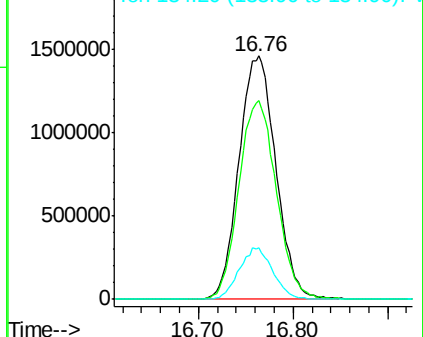
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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 8.403 ppbv

RT: 17.01 min Scan# 4423

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

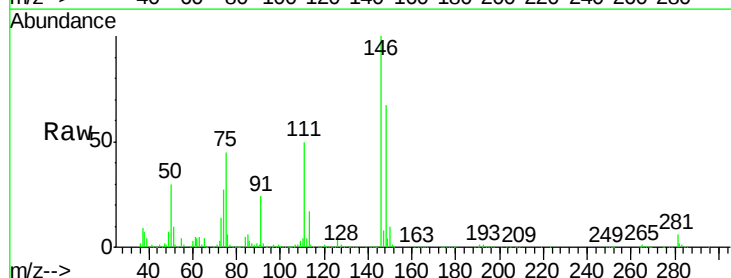
Tgt Ion: 91 Resp: 458318

Ion Ratio Lower Upper

91 100

126 17.8 13.5 20.3

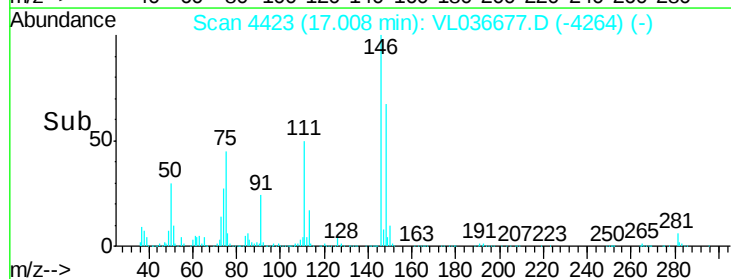
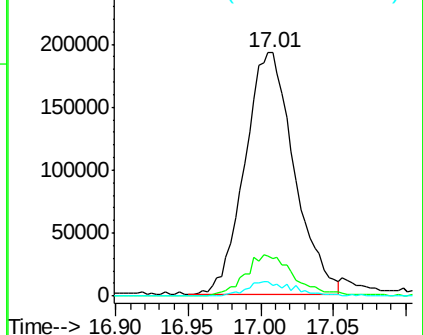
128 5.8 4.2 6.4

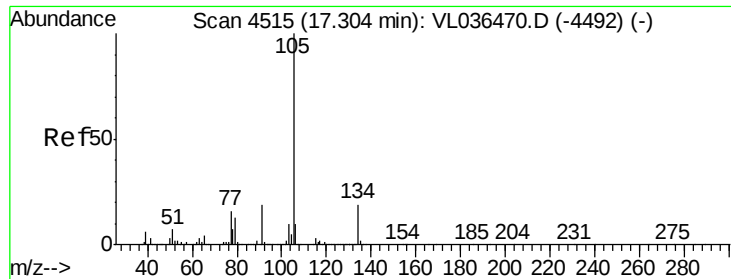


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





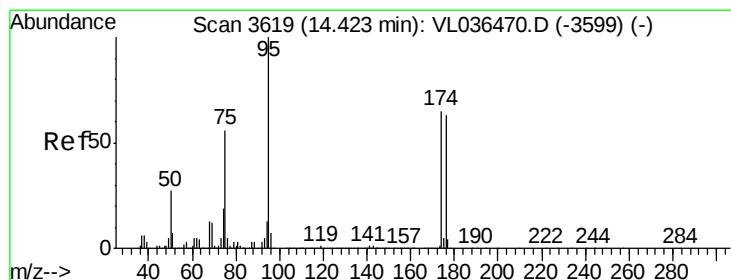
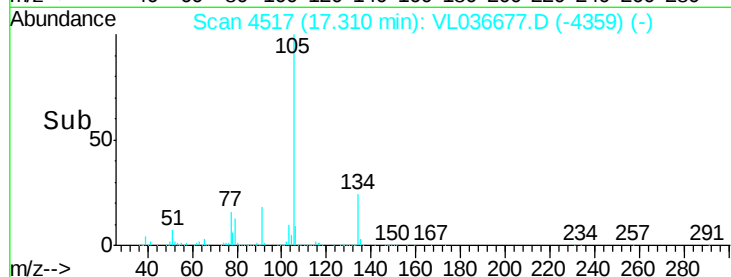
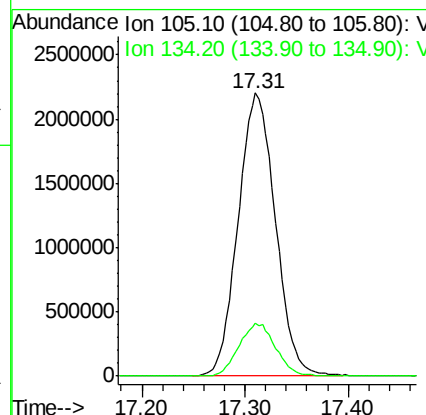
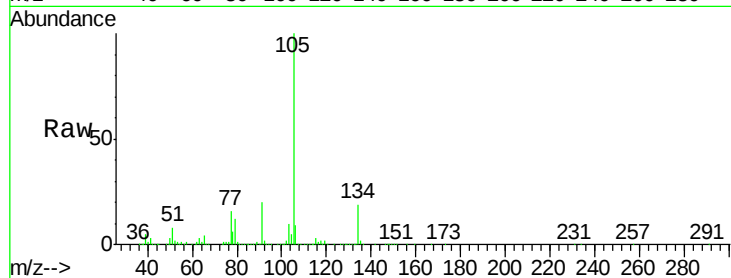
#67
 sec-Butylbenzene
 Concen: 7.925 ppbv
 RT: 17.31 min Scan# 4517
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 105 Resp: 5520450
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.7 22.1

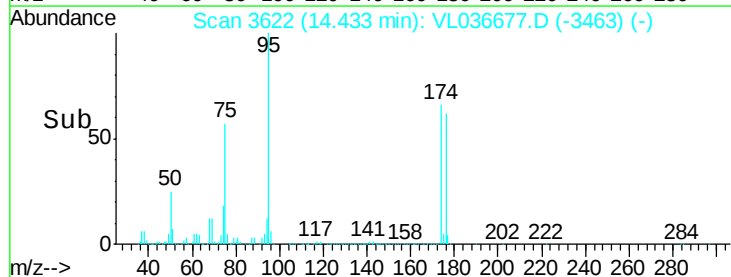
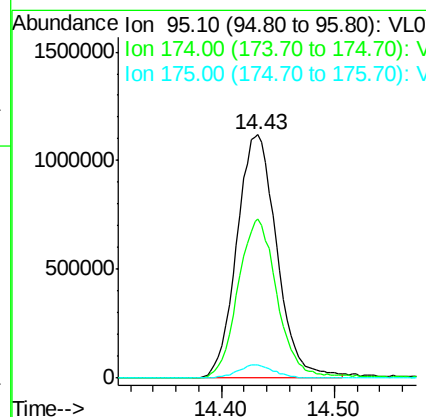
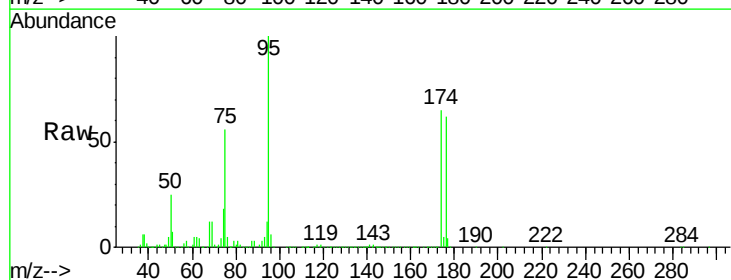
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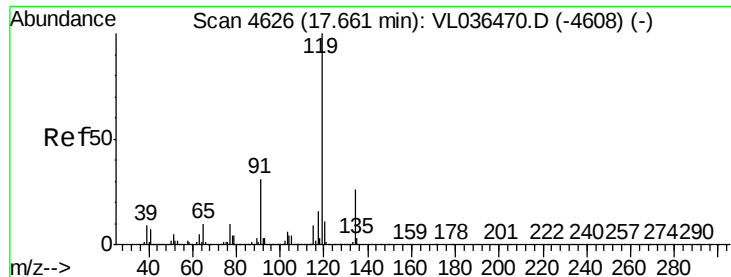
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.024 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion: 95 Resp: 2751556
 Ion Ratio Lower Upper
 95 100
 174 65.3 51.0 76.6
 175 5.2 3.9 5.9





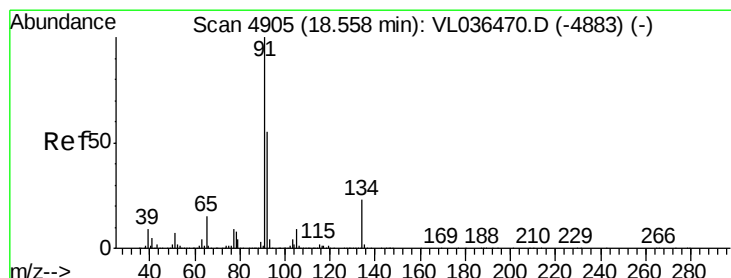
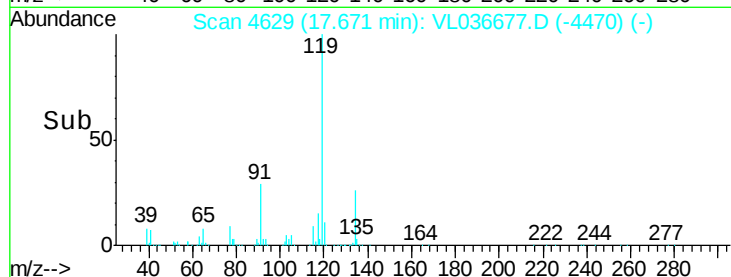
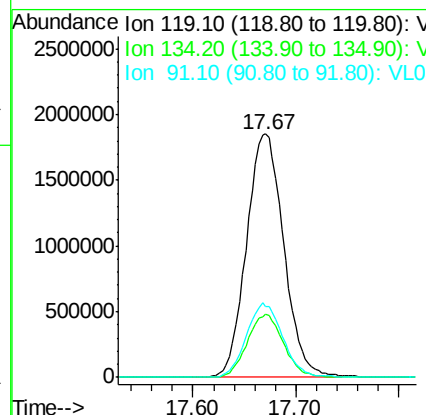
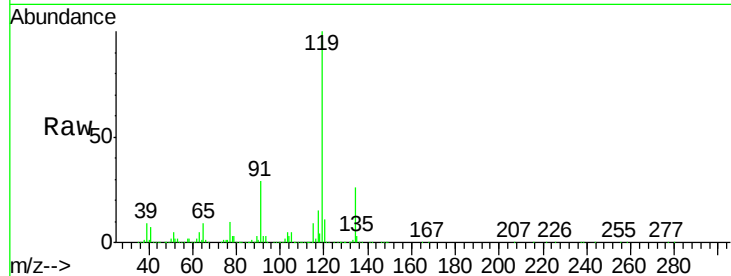
#69
 p-Isopropyltoluene
 Concen: 8.532 ppbv
 RT: 17.67 min Scan# 4629
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:	119	Resp:	4640810
Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.6	30.8
91	29.8	25.0	37.6

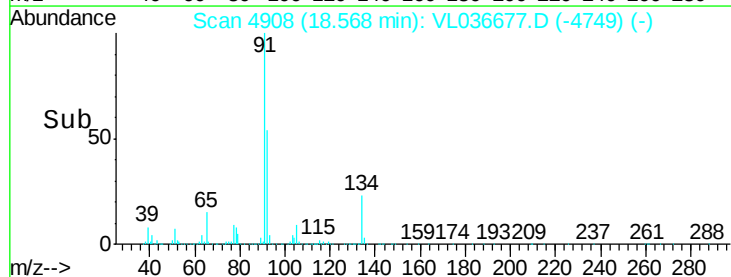
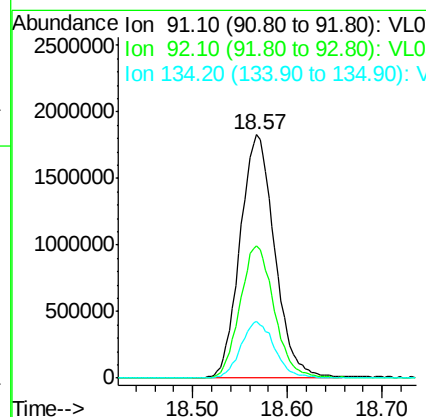
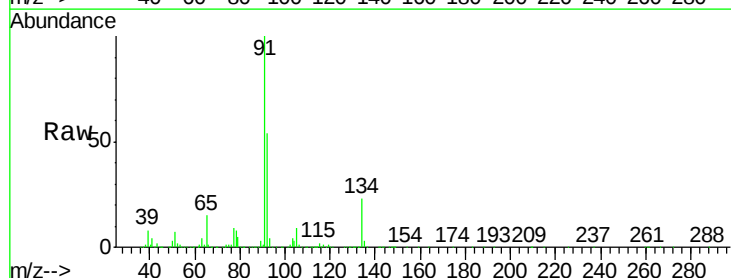
Manual Integrations
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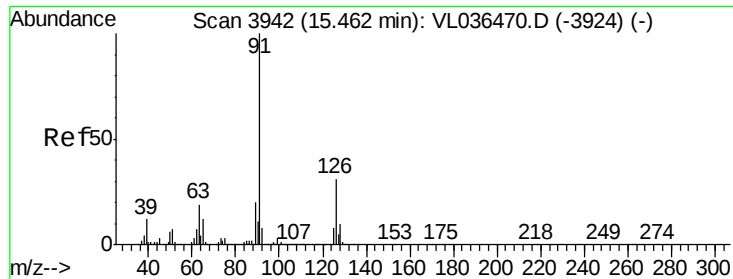
apatel
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#70
 n-Butylbenzene
 Concen: 8.243 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion:	91	Resp:	4649235
Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.8	65.8
134	22.8	18.0	27.0





#71

2-Chlorotoluene

Concen: 8.159 ppbv

RT: 15.47 min Scan# 3944

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 3479149

Ion Ratio Lower Upper

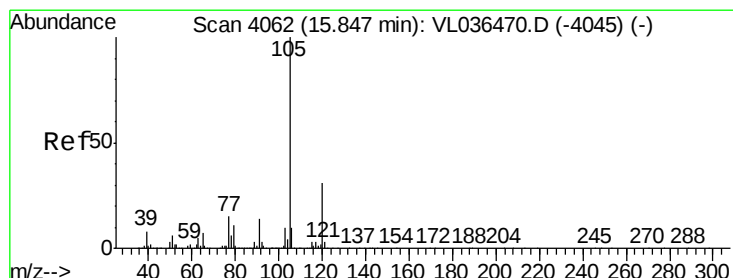
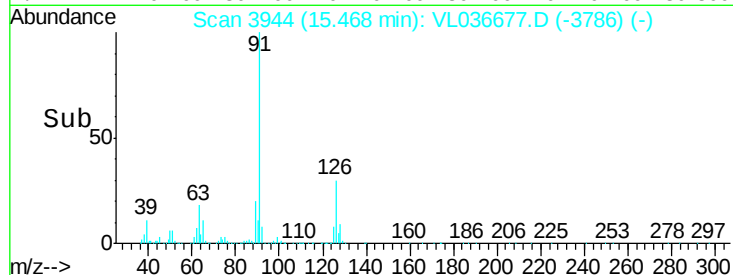
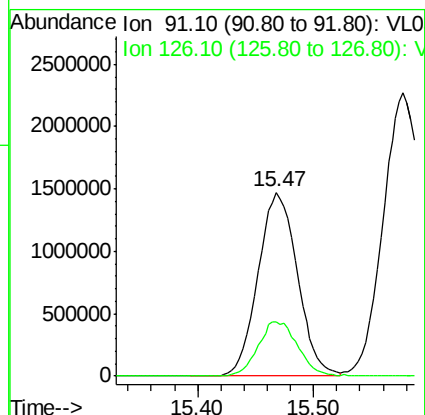
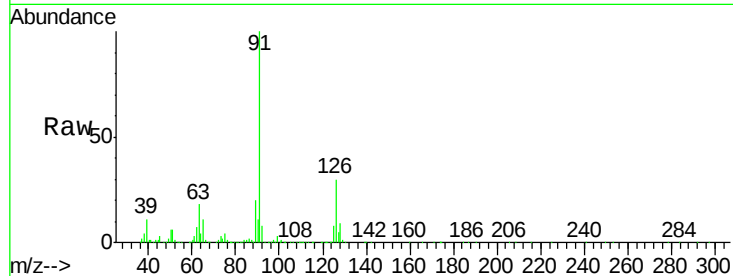
91 100

126 30.2 12.1 48.5

Manual Integrations
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#72

4-Ethyltoluene

Concen: 8.285 ppbv

RT: 15.85 min Scan# 4064

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Tgt Ion: 105 Resp: 3836721

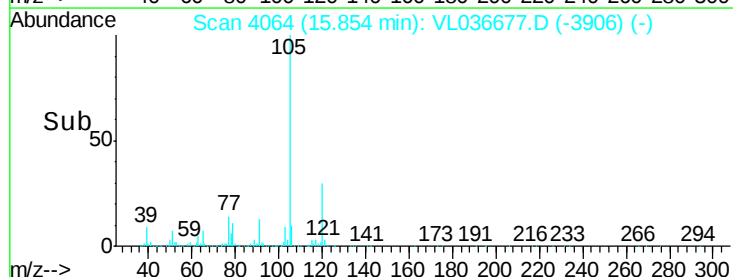
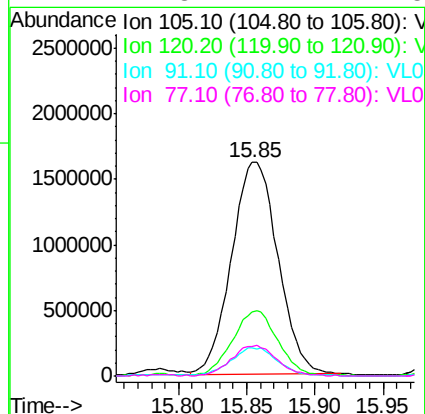
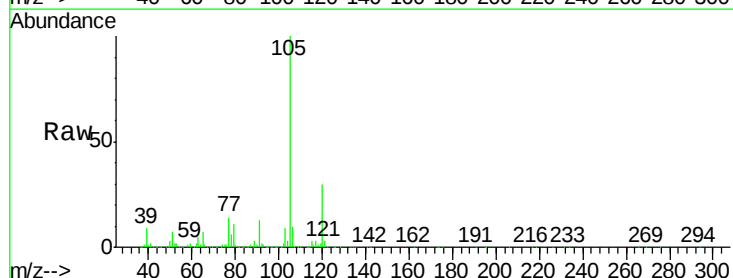
Ion Ratio Lower Upper

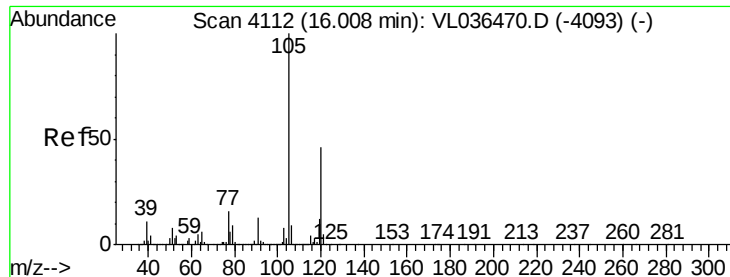
105 100

120 30.3 24.0 36.0

91 12.9 11.0 16.4

77 14.3 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 8.030 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 3470462

Ion Ratio Lower Upper

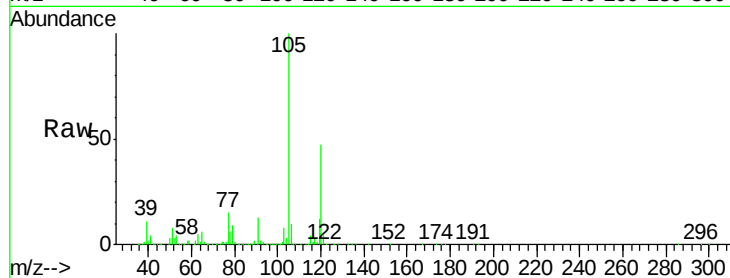
105 100

120 46.8 36.6 54.8

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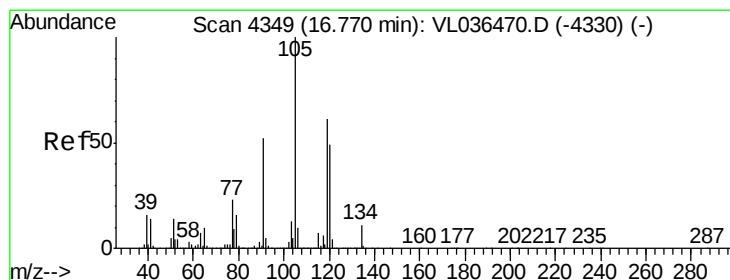
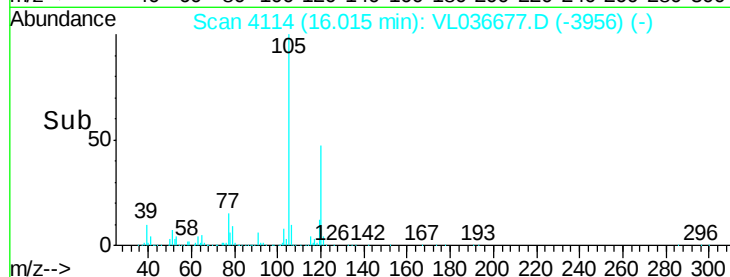
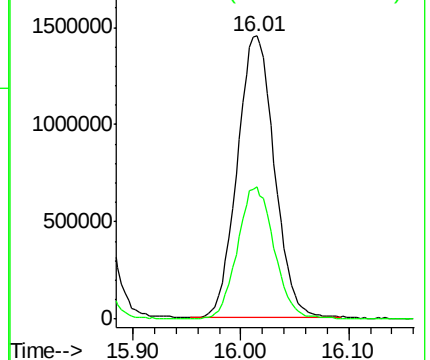
apatel

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 7.834 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Tgt Ion:105 Resp: 3623308

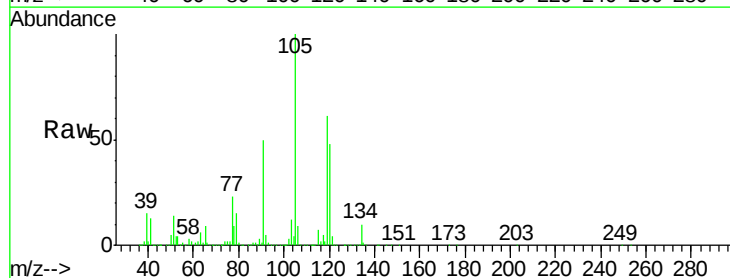
Ion Ratio Lower Upper

105 100

120 48.1 39.2 58.8

91 50.2 42.6 64.0

77 22.6 18.6 28.0

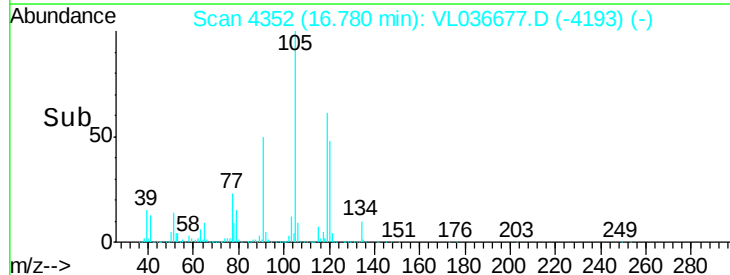
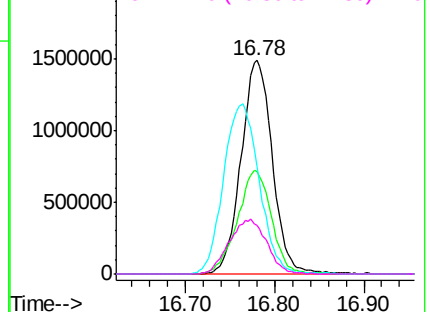


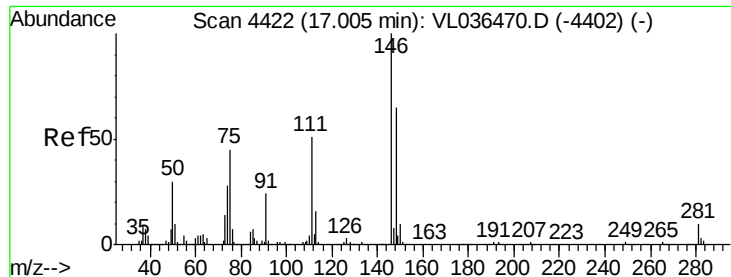
Abundance Ion 105.10 (104.80 to 105.80): V

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





#75

1,3-Dichlorobenzene

Concen: 7.997 ppbv

RT: 17.01 min Scan# 4425

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:146 Resp: 2081863

Ion Ratio Lower Upper

146 100

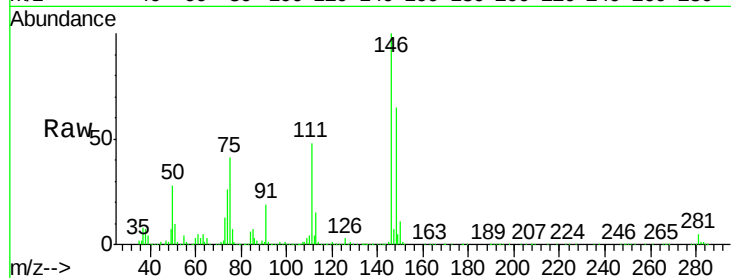
111 48.9 24.5 73.5

148 65.0 32.3 96.9

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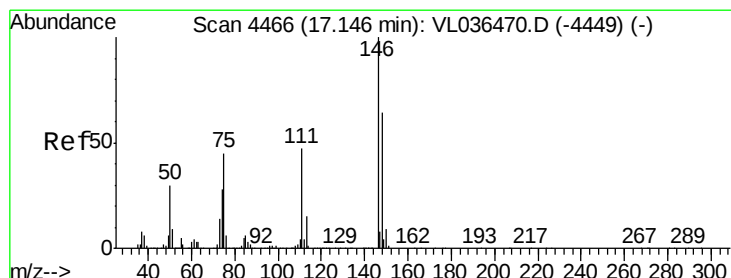
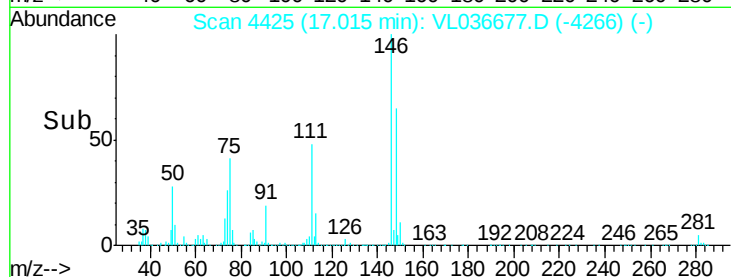
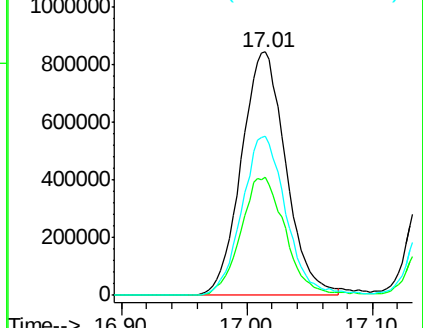
4/9/2021 9:47:34 AM



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



#76

1,4-Dichlorobenzene

Concen: 7.781 ppbv

RT: 17.16 min Scan# 4469

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

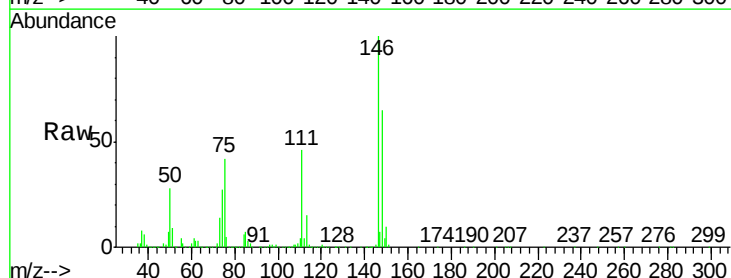
Tgt Ion:146 Resp: 2011124

Ion Ratio Lower Upper

146 100

111 48.0 24.3 72.8

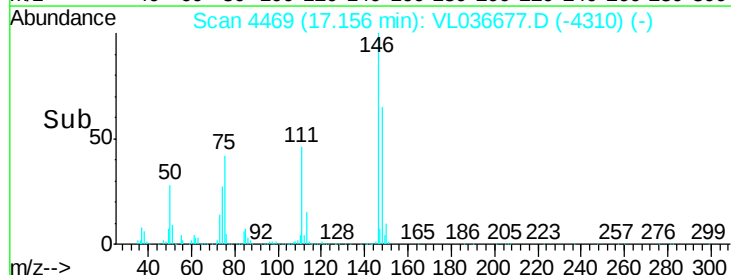
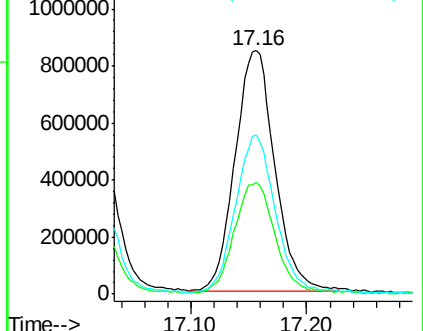
148 67.6 33.0 98.9

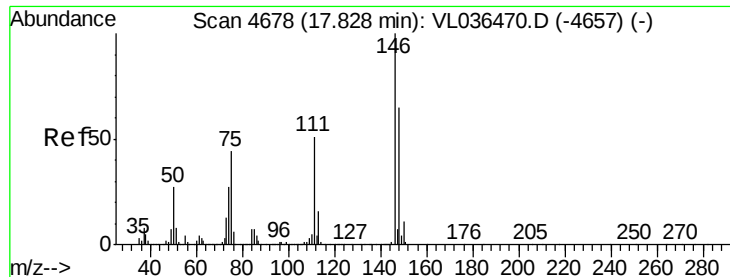


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





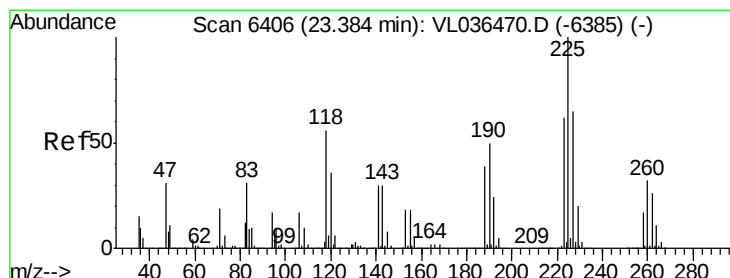
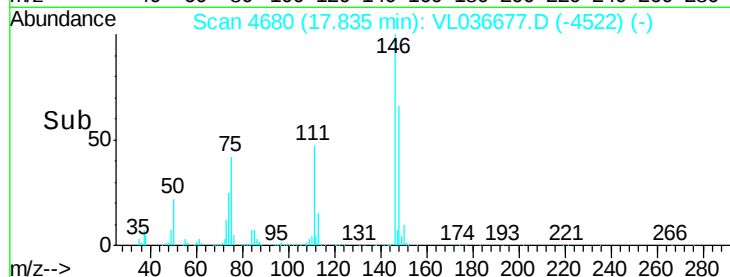
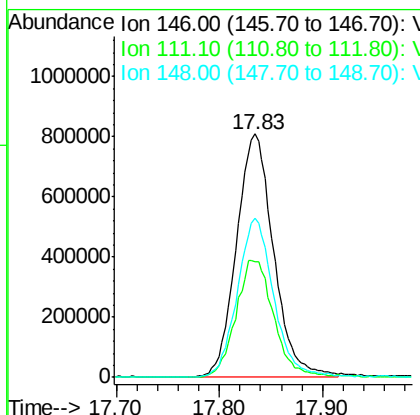
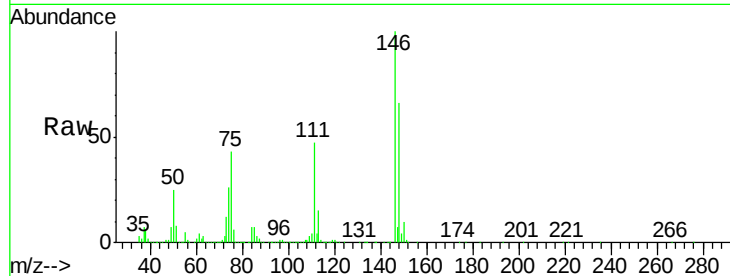
#77
 1,2-Dichlorobenzene
 Concen: 8.246 ppbv
 RT: 17.83 min Scan# 4680
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Instrument :
 MSVOA_L
 ClientSampled :
 VSTDCCC010

Tot Ion:146 Resp: 2017788
 Ion Ratio Lower Upper
 146 100
 111 49.6 25.5 76.5
 148 64.3 32.9 98.6

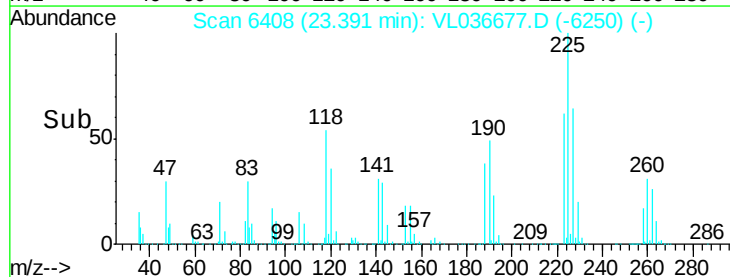
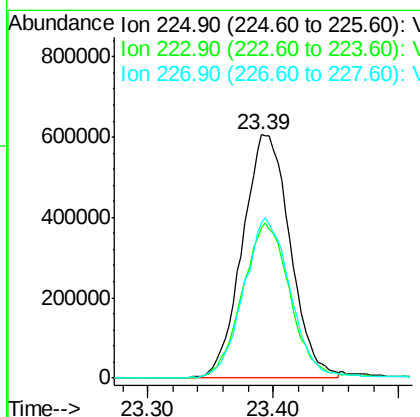
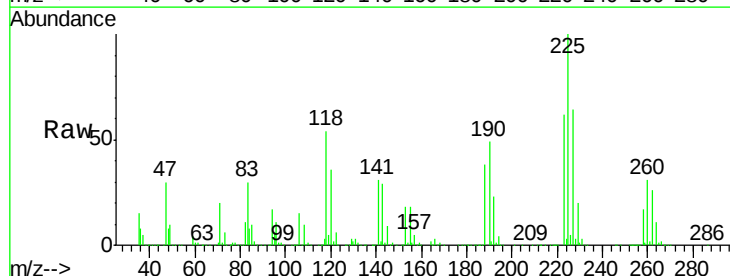
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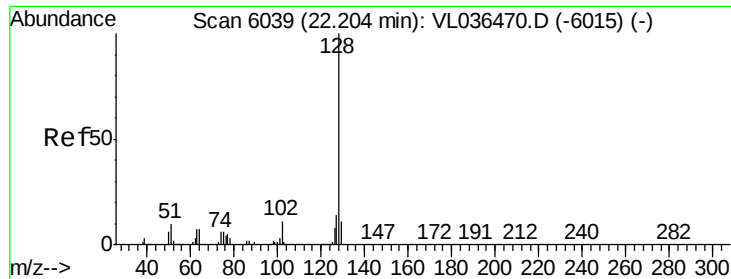
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#78
 Hexachloro-1,3-Butadiene
 Concen: 7.303 ppbv
 RT: 23.39 min Scan# 6408
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion:225 Resp: 1600434
 Ion Ratio Lower Upper
 225 100
 223 64.7 50.6 75.8
 227 65.6 52.2 78.2





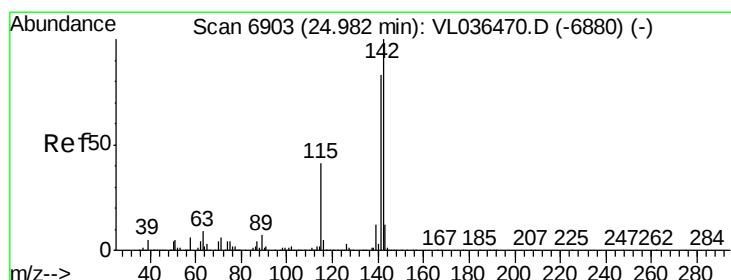
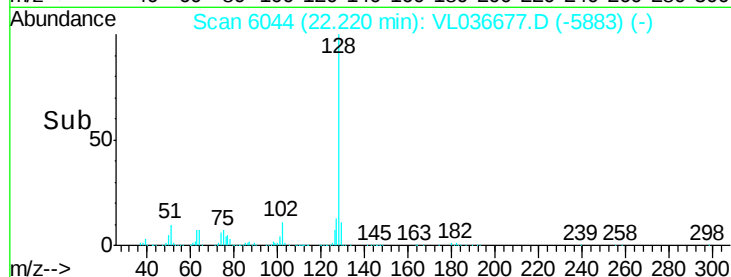
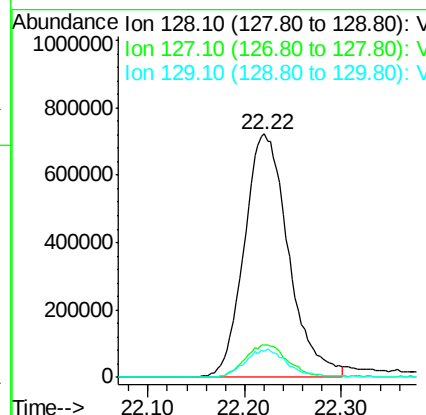
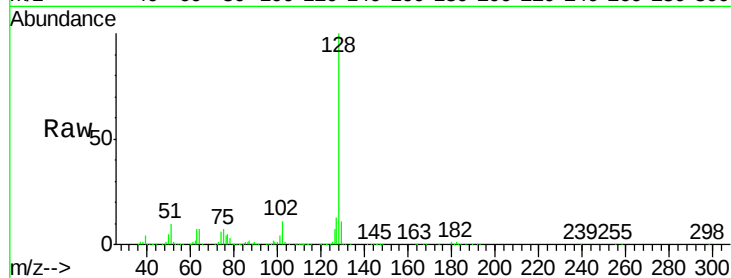
#79
Naphthalene
Concen: 8.500 ppbv
RT: 22.22 min Scan# 6044
Delta R.T. 0.02 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.9	16.3
129	10.9	9.0	13.4

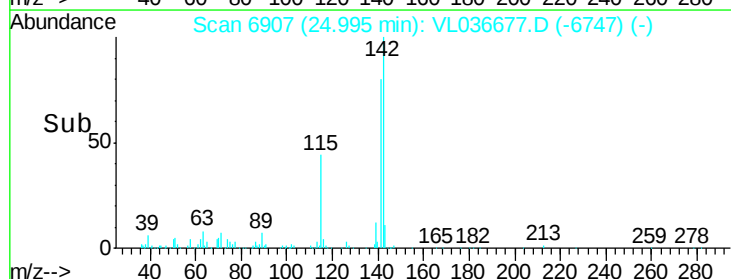
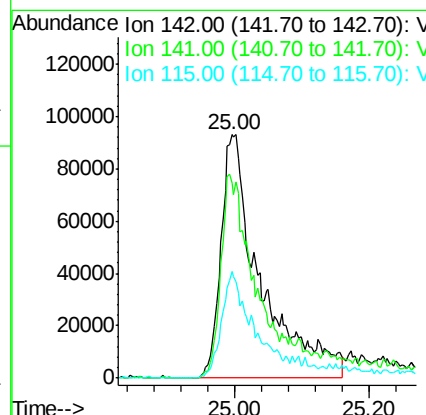
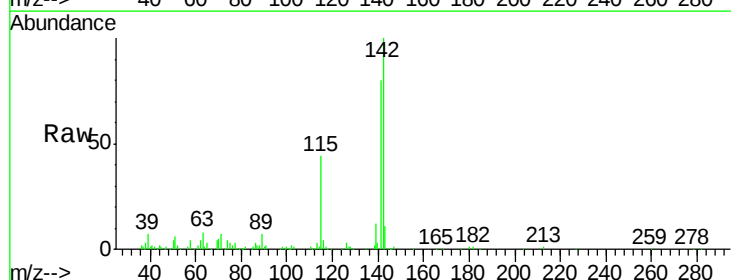
Manual Integrations
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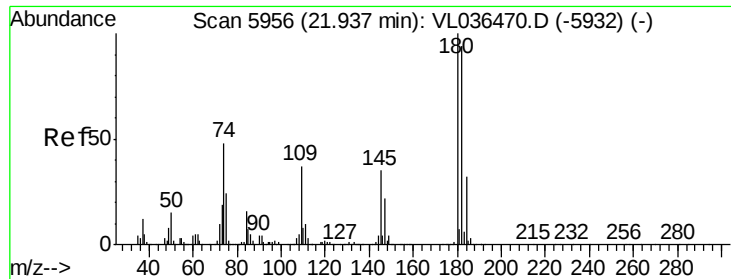
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#80
Naphthalene, 2-methyl-
Concen: 7.191 ppbv
RT: 25.00 min Scan# 6907
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	67.8	101.8
115	39.1	34.0	51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 8.546 ppbv
 RT: 21.95 min Scan# 5961
 Delta R.T. 0.02 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.8	80.8	121.2
184	31.2	25.0	37.4

Manual Integrations
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