

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036157.D
 Acq On : 11 Dec 2020 9:58
 Operator : SY/AP
 Sample : L4930-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 14 22:01:27 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020

QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1269777	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2448100	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2178060	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1854678	10.72	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.03	85	42041m	0.284	ppbv
3) Chlorodifluoromethane	2.97	51	70483	0.487	ppbv # 86
4) Chloromethane	3.13	50	39085m	0.550	ppbv
5) Vinyl Chloride	3.24	62	217	0.003	ppbv # 44
6) Bromomethane	3.47	94	331	0.008	ppbv # 12
7) Chloroethane	3.55	64	262	0.010	ppbv 98
8) Dichlorotetrafluoroethane	3.17	85	1700	0.010	ppbv # 16
9) Propene	3.00	41	54470m	0.751	ppbv
10) Heptane	8.09	43	3113	0.017	ppbv # 29
11) Trichlorofluoromethane	3.93	101	41720	0.240	ppbv 86
13) Ethanol	3.60	45	136455m	13.639	ppbv
14) Bromoethene	3.73	108	170	0.004	ppbv # 1
15) Acetone	3.84	43	483894	3.171	ppbv 95
17) tert-Butyl alcohol	4.28	59	41	0.000	ppbv # 71
18) 1,1-Dichloroethene	4.28	96	134	0.003	ppbv # 12
19) Isopropyl Alcohol	3.98	45	44197	0.474	ppbv # 100
20) Methylene Chloride	4.33	84	364419	5.827	ppbv 99
21) Allyl Chloride	4.40	41	637	0.006	ppbv # 1
22) trans-1,2-Dichloroethene	4.87	96	497	0.009	ppbv # 45
23) Vinyl Acetate	5.05	43	3975	0.020	ppbv # 38
24) 1,1-Dichloroethane	5.00	63	822	0.006	ppbv # 88
26) Hexane	5.67	57	279436	2.037	ppbv # 41
27) Carbon Disulfide	4.54	76	1295	0.009	ppbv # 63
28) Methyl tert-Butyl Ether	5.02	73	282	0.001	ppbv # 51
29) Chloroform	5.75	83	1071	0.006	ppbv 99
30) Cyclohexane	7.11	84	1343	0.013	ppbv # 1
31) cis-1,2-Dichloroethene	5.53	61	224	0.002	ppbv # 74
32) 1,1,1-Trichloroethane	6.48	97	416	0.002	ppbv # 1
34) 2-Butanone	5.24	43	41973m	0.258	ppbv
35) Carbon Tetrachloride	7.00	117	10544m	0.074	ppbv
36) Benzene	6.87	78	51353m	0.248	ppbv
37) 1,2-Dichloroethane	6.29	62	2015	0.017	ppbv # 83
38) Trichloroethene	7.82	130	1483	0.019	ppbv # 61
40) 1,4-Dioxane	7.81	88	36	0.001	ppbv # 1
41) Tetrahydrofuran	6.05	42	2114	0.022	ppbv # 34
42) Bromodichloromethane	7.77	83	770	0.005	ppbv # 25
43) Methyl Methacrylate	8.00	69	329	0.004	ppbv # 1
45) t-1,3-Dichloropropene	9.25	75	183	0.002	ppbv # 42
46) cis-1,3-Dichloropropene	8.68	75	300	0.003	ppbv # 20
47) 1,1,2-Trichloroethane	9.46	97	190	0.002	ppbv # 29
48) Dibromochloromethane	10.33	129	69	0.001	ppbv 65

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036157.D
 Acq On : 11 Dec 2020 9:58
 Operator : SY/AP
 Sample : L4930-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 14 22:01:27 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020

QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

49) Bromoform	13.01	173	149	0.002	ppbv #	1
50) 4-Methyl-2-Pentanone	8.72	43	169	0.001	ppbv #	40
51) 2-Hexanone	10.10	43	926	0.005	ppbv #	29
52) Tetrachloroethene	11.19	164	664	0.009	ppbv #	54
53) Toluene	9.79	91	333557m	1.432	ppbv	
54) 1,2-Dibromoethane	10.58	107	280	0.002	ppbv #	72
56) 1,1,1,2-Tetrachloroethane	12.11	131	125	0.001	ppbv #	1
57) Chlorobenzene	12.14	112	446	0.003	ppbv #	4
58) Ethyl Benzene	12.70	91	31913m	0.107	ppbv	
59) m/p-Xylene	12.96	91	84121m	0.335	ppbv	
60) o-Xylene	13.68	91	7016	0.030	ppbv #	1
61) Styrene	13.52	104	2183	0.014	ppbv #	1
62) Isopropylbenzene	14.65	105	1425	0.004	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	13.66	83	300	0.002	ppbv #	25
64) n-propylbenzene	15.54	120	82	0.001	ppbv #	1
65) tert-Butylbenzene	16.72	119	637	0.002	ppbv #	15
66) Benzyl Chloride	16.97	91	190	0.003	ppbv #	1
67) sec-Butylbenzene	17.26	105	296	0.001	ppbv #	60
69) p-Isopropyltoluene	17.63	119	271	0.001	ppbv #	46
70) n-Butylbenzene	18.51	91	340	0.001	ppbv #	1
71) 2-Chlorotoluene	15.52	91	493	0.002	ppbv	90
72) 4-Ethyltoluene	15.82	105	3656	0.014	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.99	105	2276	0.009	ppbv #	33
74) 1,2,4-Trimethylbenzene	16.74	105	6841	0.028	ppbv #	40
75) 1,3-Dichlorobenzene	16.98	146	375	0.003	ppbv #	1
76) 1,4-Dichlorobenzene	17.12	146	500	0.004	ppbv #	22
77) 1,2-Dichlorobenzene	17.79	146	105	0.001	ppbv #	21
78) Hexachloro-1,3-Butadiene	23.35	225	93	0.001	ppbv #	58
79) Naphthalene	22.15	128	51	0.000	ppbv #	1
80) Naphthalene,2-methyl-	24.88	142	89	0.003	ppbv #	13
81) 1,2,4-Trichlorobenzene	21.93	180	324	0.004	ppbv #	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
Data File : VL036157.D
Acq On : 11 Dec 2020 9:58
Operator : SY/AP
Sample : L4930-02
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

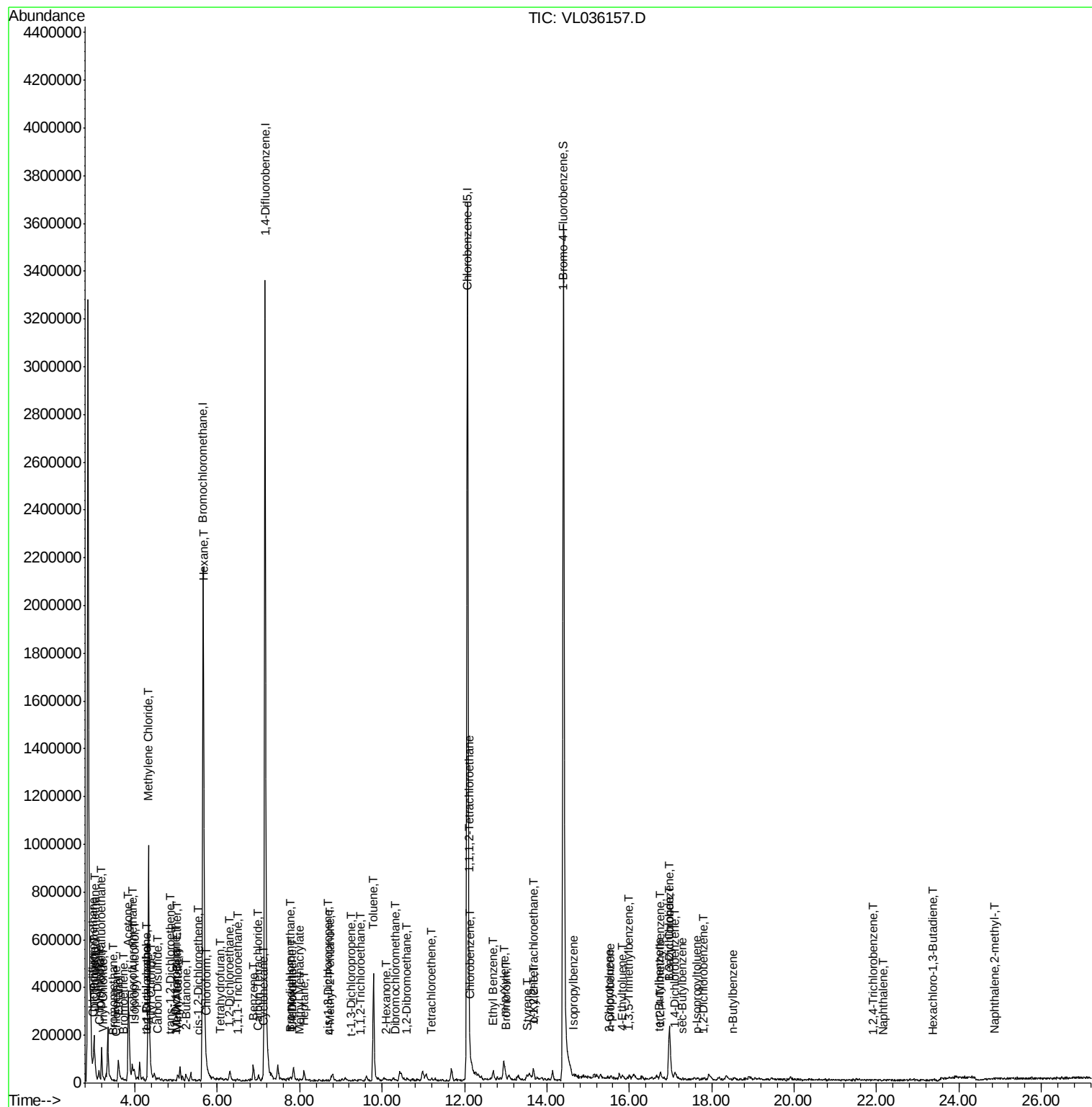
Quant Time: Dec 14 22:01:27 2020

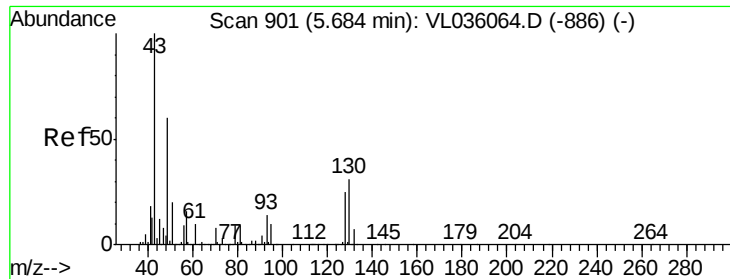
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020

QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.04 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

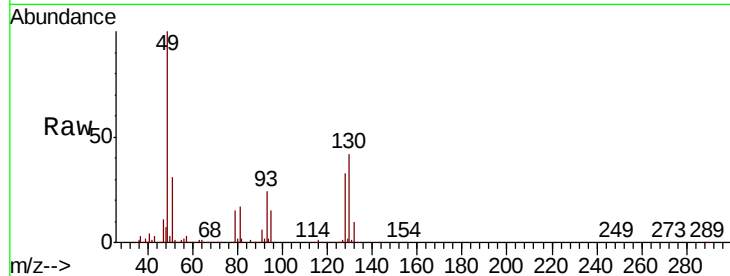
Tot Ion: 49 Resp: 1269777

Ion	Ratio	Lower	Upper
49	100		
128	34.5	21.1	63.1
130	45.3	27.1	81.3

49 100

128 34.5 21.1 63.1

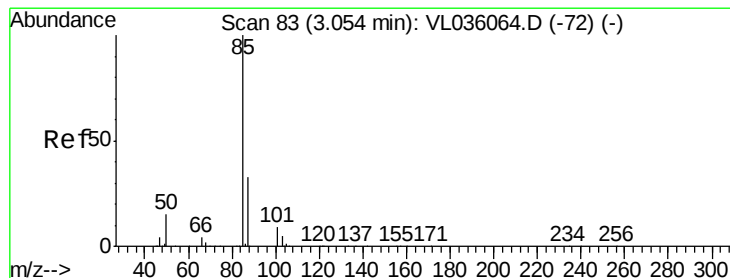
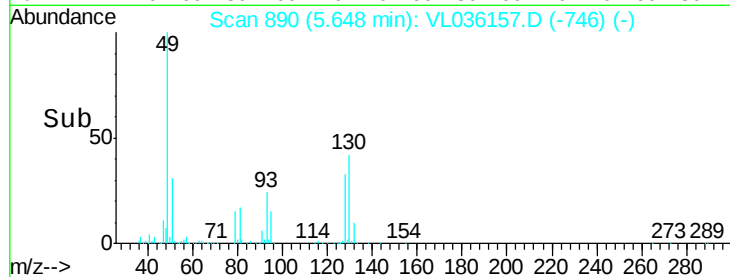
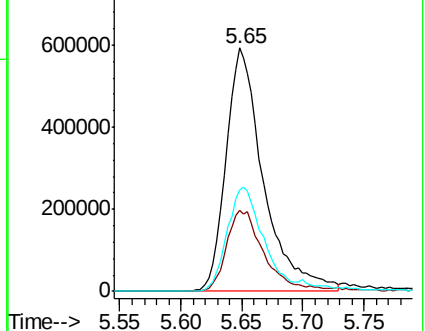
130 45.3 27.1 81.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.284 ppbv m

RT: 3.03 min Scan# 76

Delta R.T. -0.02 min

Lab File: VL036157.D

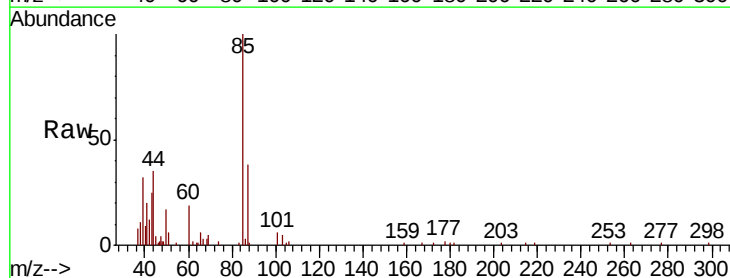
Acq: 11 Dec 2020 9:58

Tgt Ion: 85 Resp: 42041

Ion	Ratio	Lower	Upper
85	100		
87	38.4	26.5	39.7

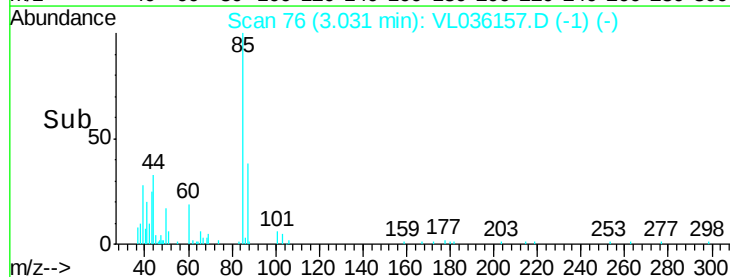
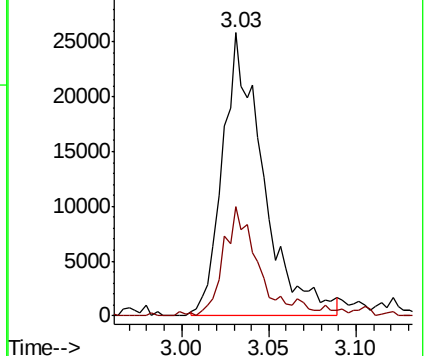
85 100

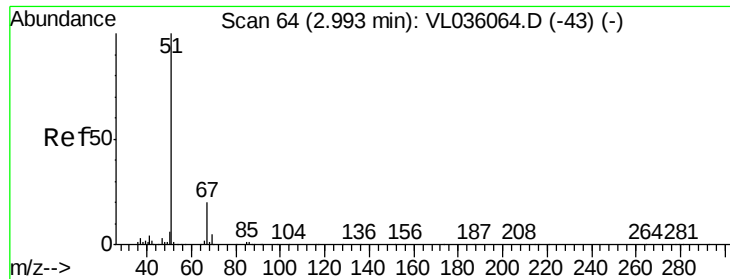
87 38.4 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.487 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.02 min

Lab File: VL036157.D

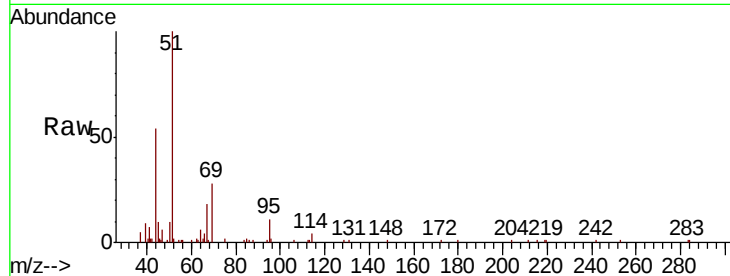
Acq: 11 Dec 2020 9:58

Tot Ion: 51 Resp: 70483

Ion Ratio Lower Upper

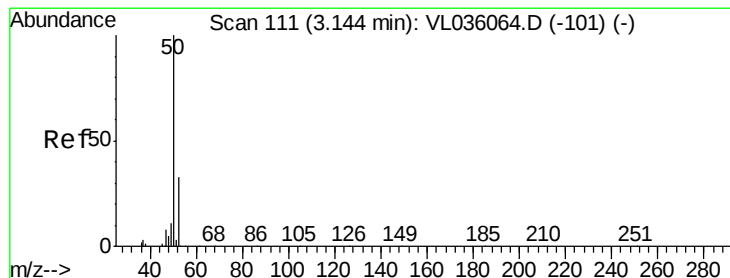
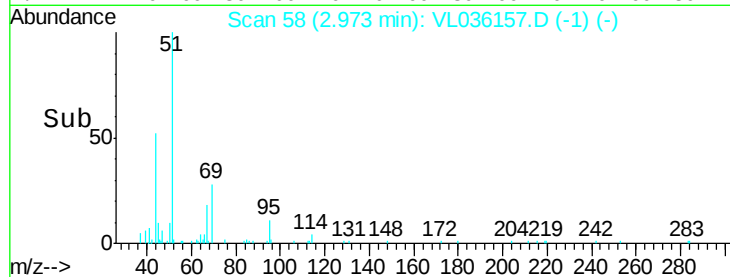
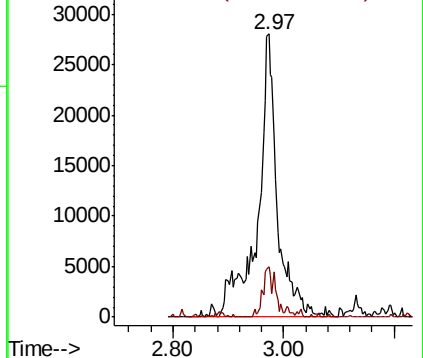
51 100

67 11.8 14.3 21.5#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.550 ppbv m

RT: 3.13 min Scan# 106

Delta R.T. -0.02 min

Lab File: VL036157.D

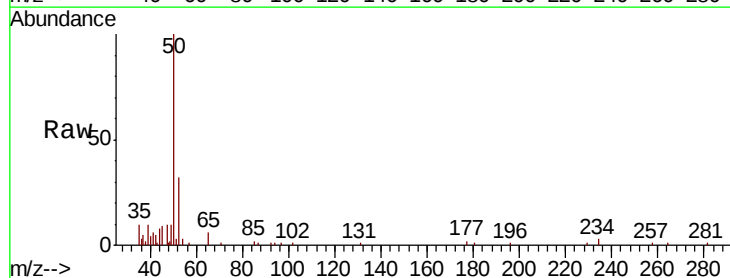
Acq: 11 Dec 2020 9:58

Tgt Ion: 50 Resp: 39085

Ion Ratio Lower Upper

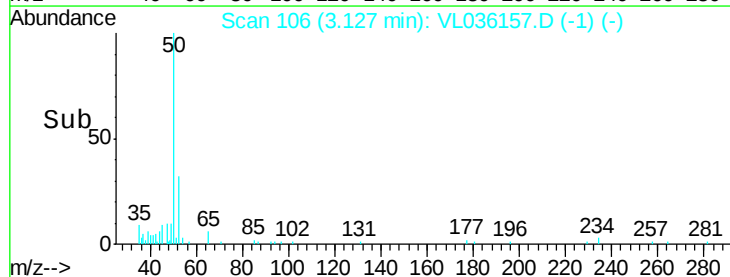
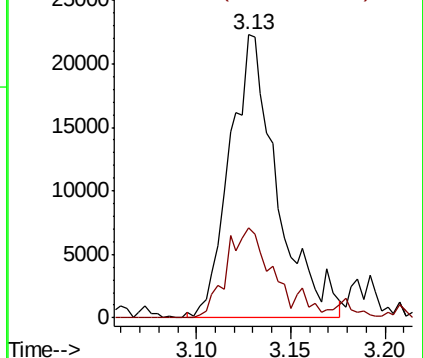
50 100

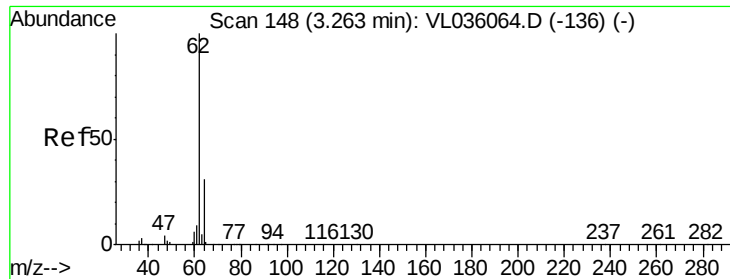
52 31.9 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.003 ppbv

RT: 3.24 min Scan# 141

Delta R.T. -0.02 min

Lab File: VL036157.D

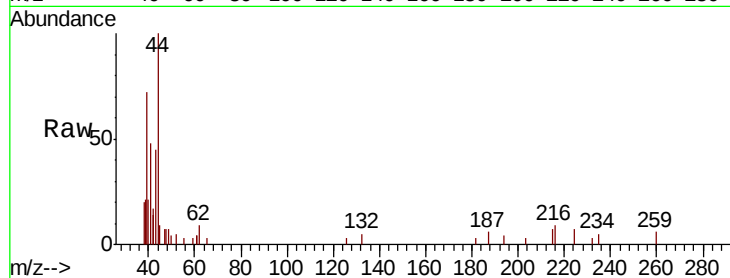
Acq: 11 Dec 2020 9:58

Tot Ion: 62 Resp: 217

Ion Ratio Lower Upper

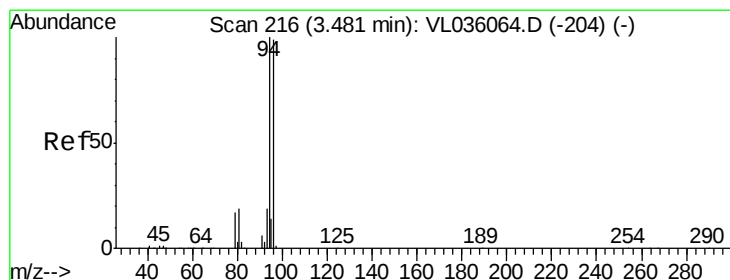
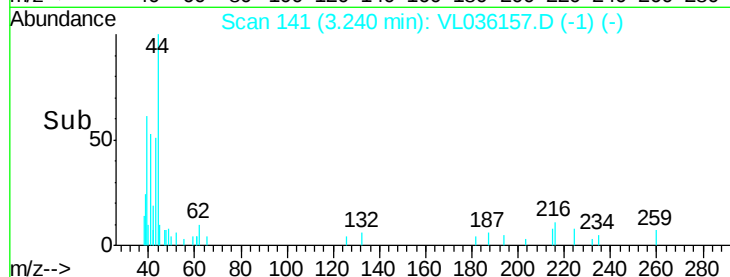
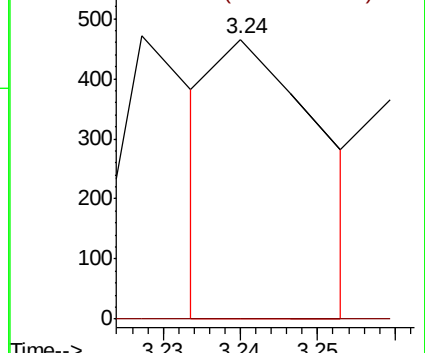
62 100

64 0.0 24.5 36.7#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.008 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.02 min

Lab File: VL036157.D

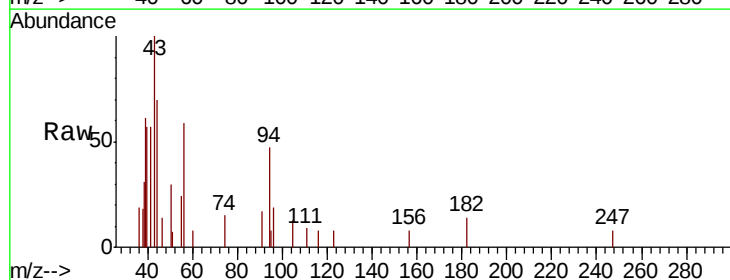
Acq: 11 Dec 2020 9:58

Tgt Ion: 94 Resp: 331

Ion Ratio Lower Upper

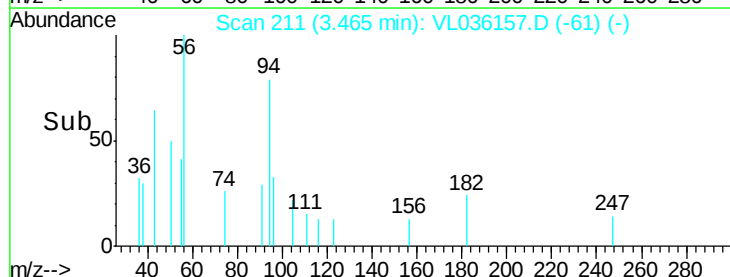
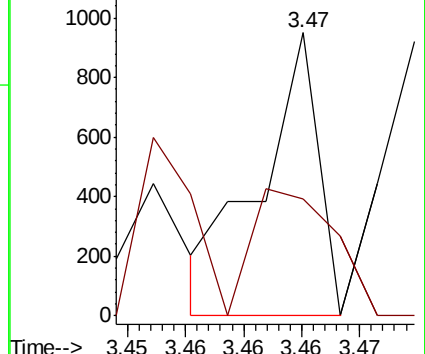
94 100

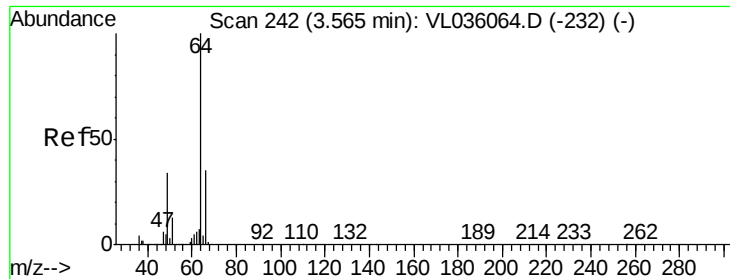
96 11.2 79.4 119.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.010 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.02 min

Lab File: VL036157.D

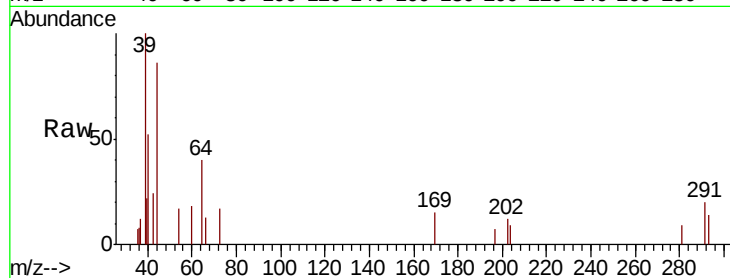
Acq: 11 Dec 2020 9:58

Tot Ion: 64 Resp: 262

Ion Ratio Lower Upper

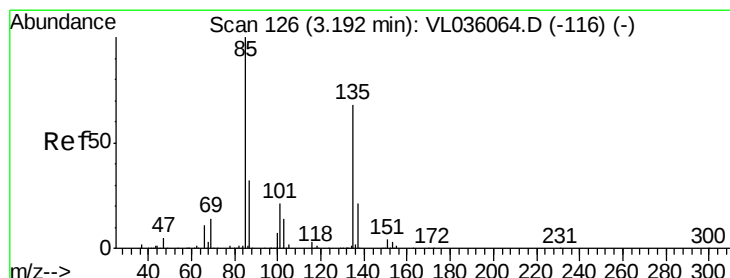
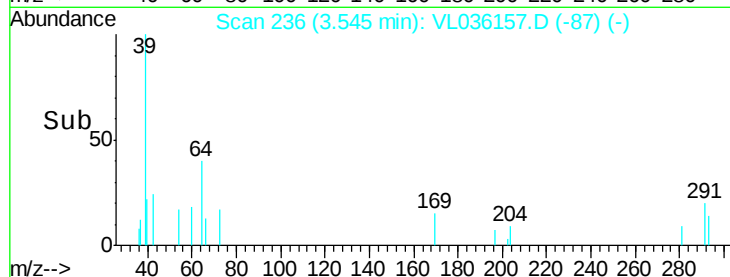
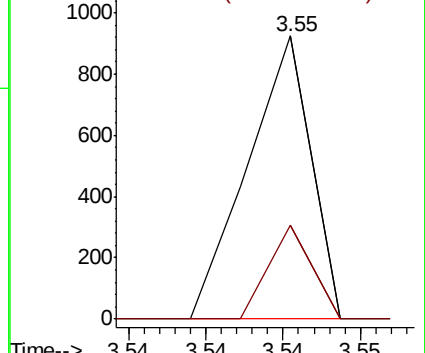
64 100

66 33.2 27.7 41.5



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.010 ppbv

RT: 3.17 min Scan# 120

Delta R.T. -0.02 min

Lab File: VL036157.D

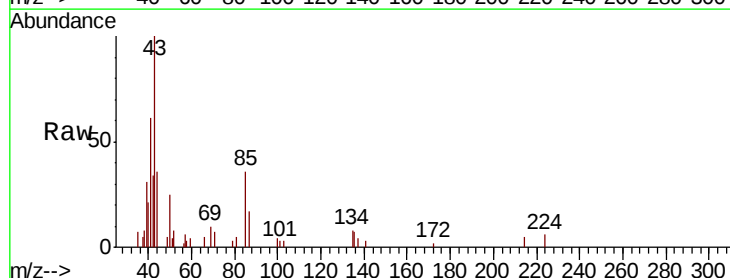
Acq: 11 Dec 2020 9:58

Tgt Ion: 85 Resp: 1700

Ion Ratio Lower Upper

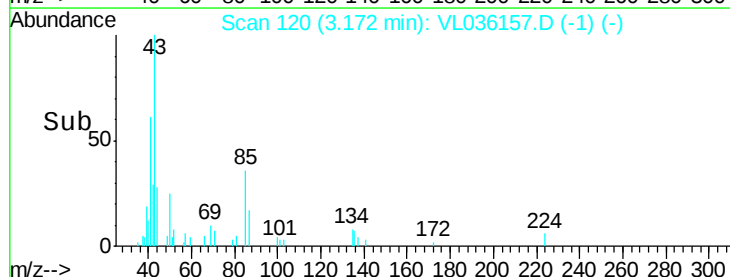
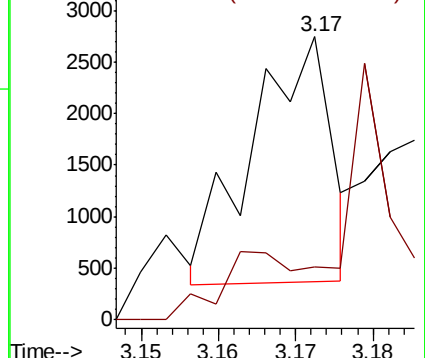
85 100

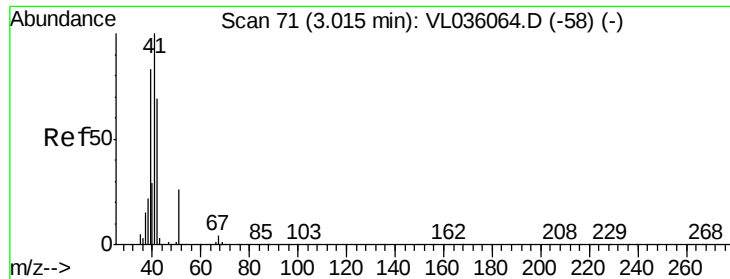
135 0.0 53.8 80.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.751 ppbv m

RT: 3.00 min Scan# 66

Delta R.T. -0.02 min

Lab File: VL036157.D

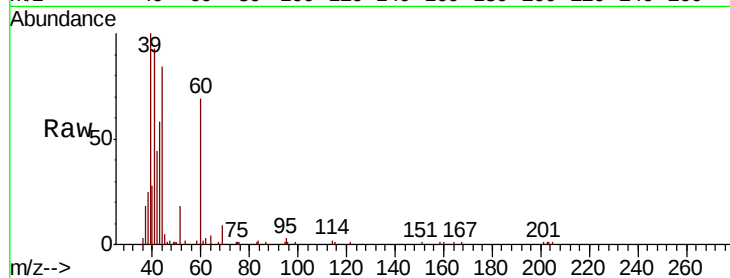
Acq: 11 Dec 2020 9:58

Tot Ion: 41 Resp: 54470

Ion Ratio Lower Upper

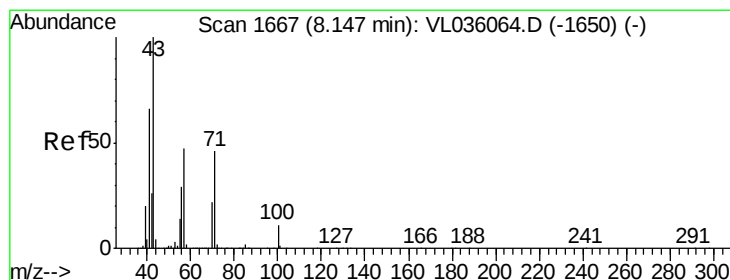
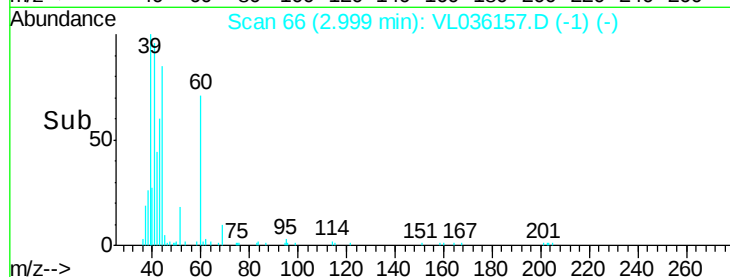
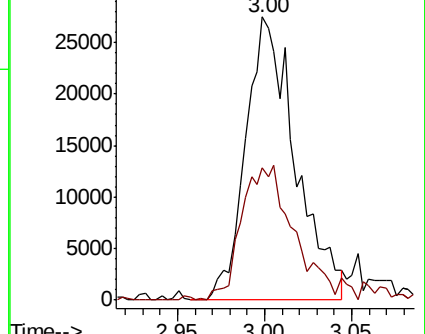
41 100

42 0.0 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.017 ppbv

RT: 8.09 min Scan# 1650

Delta R.T. -0.05 min

Lab File: VL036157.D

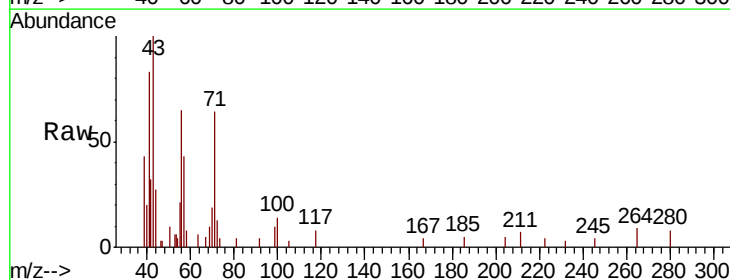
Acq: 11 Dec 2020 9:58

Tgt Ion: 43 Resp: 3113

Ion Ratio Lower Upper

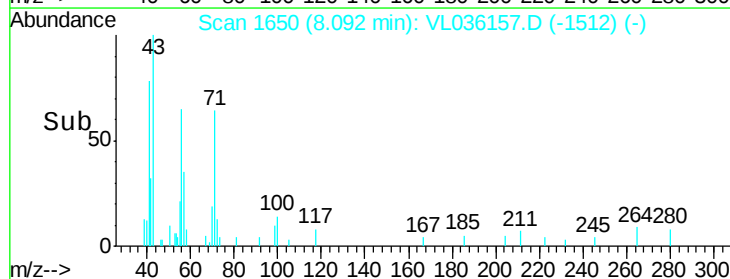
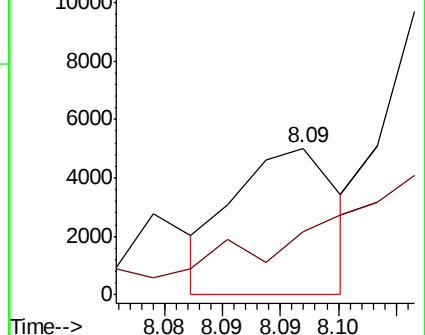
43 100

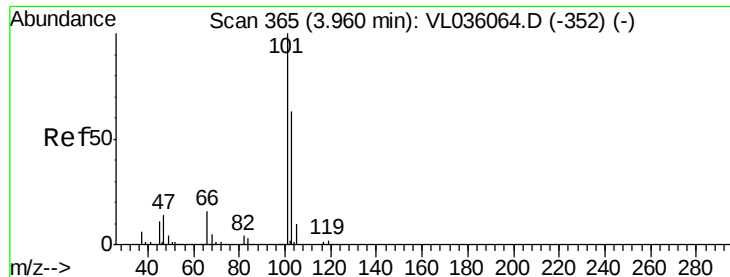
57 0.0 37.9 56.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 0.240 ppbv

RT: 3.93 min Scan# 357

Delta R.T. -0.03 min

Lab File: VL036157.D

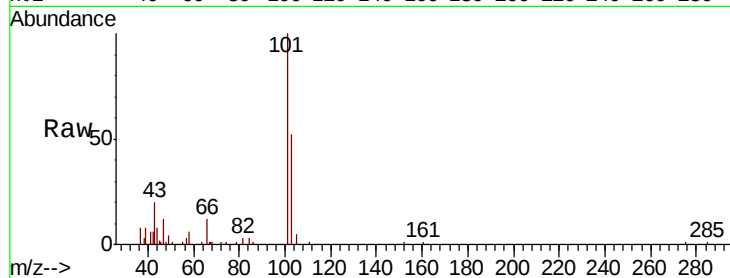
Acq: 11 Dec 2020 9:58

Tot Ion:101 Resp: 41720

Ion Ratio Lower Upper

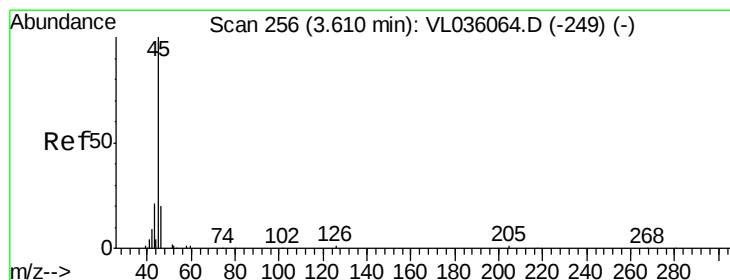
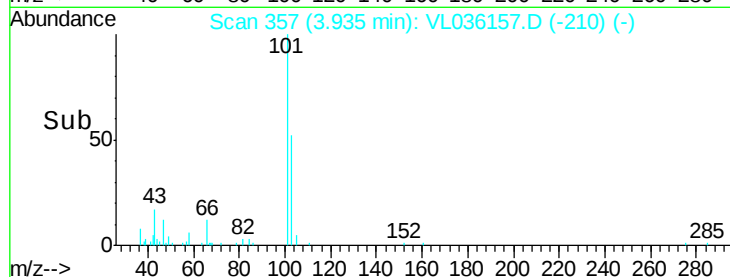
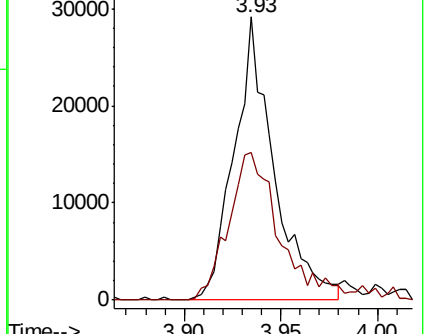
101 100

103 52.1 50.3 75.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 13.639 ppbv m

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL036157.D

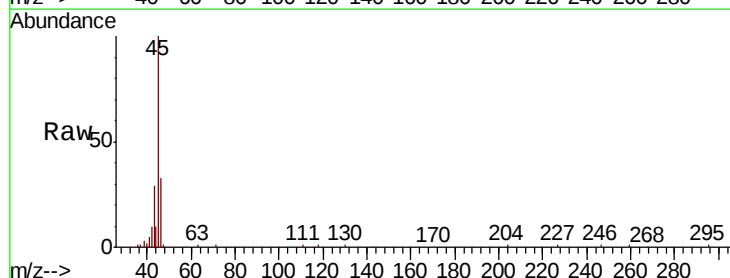
Acq: 11 Dec 2020 9:58

Tgt Ion: 45 Resp: 136455

Ion Ratio Lower Upper

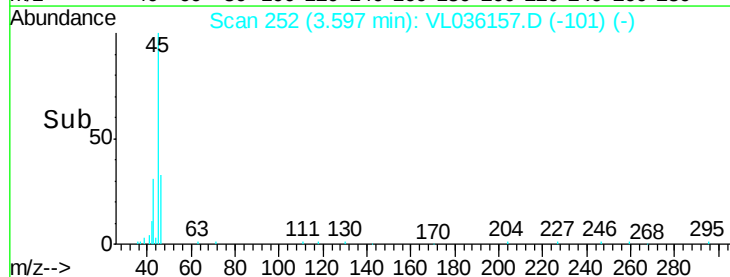
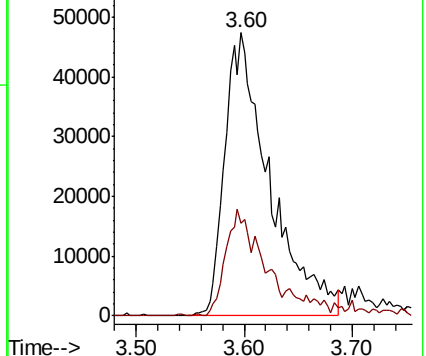
45 100

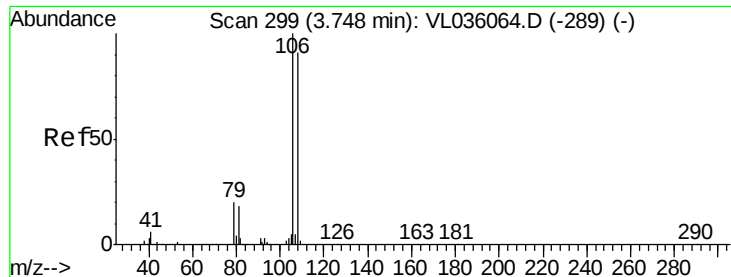
46 0.0 19.0 75.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#14

Bromoethene

Concen: 0.004 ppbv

RT: 3.73 min Scan# 293

Delta R.T. -0.02 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

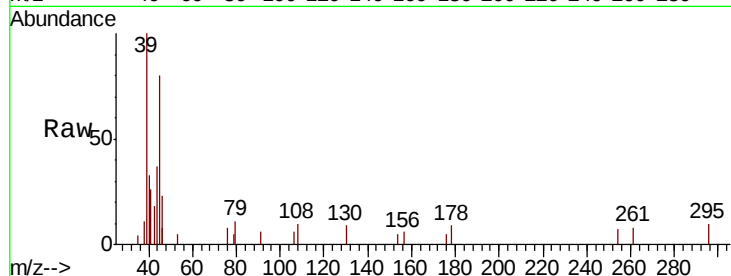
Tot Ion: 108 Resp: 170

Ion Ratio Lower Upper

108 100

106 215.3 91.0 136.4#

79 290.6 19.3 28.9#

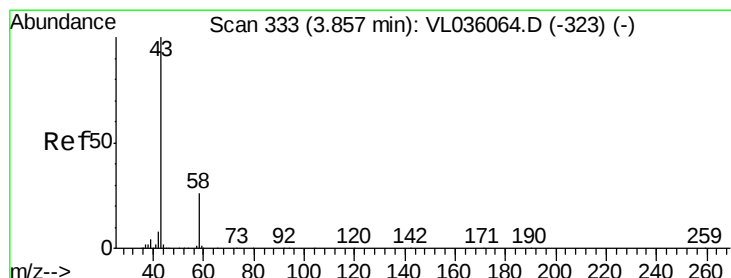
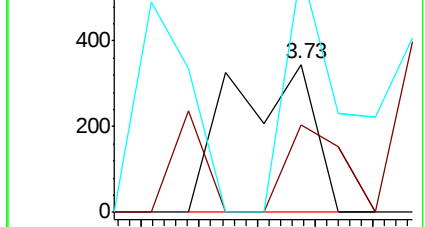
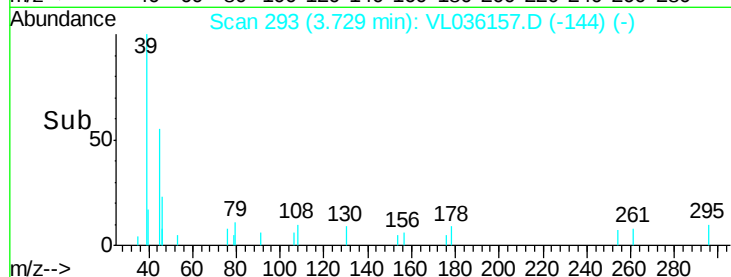


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0

Time-->



#15

Acetone

Concen: 3.171 ppbv

RT: 3.84 min Scan# 327

Delta R.T. -0.02 min

Lab File: VL036157.D

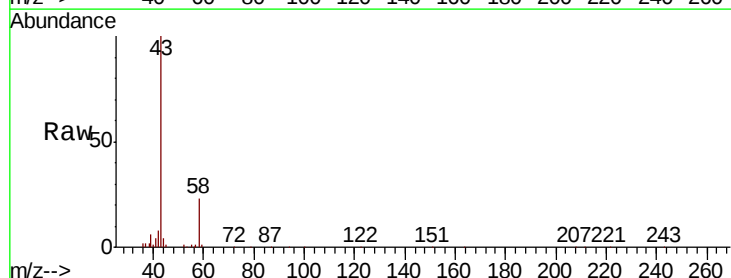
Acq: 11 Dec 2020 9:58

Tgt Ion: 43 Resp: 483894

Ion Ratio Lower Upper

43 100

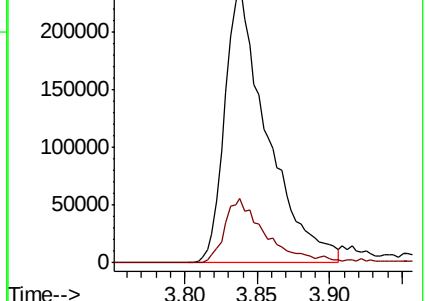
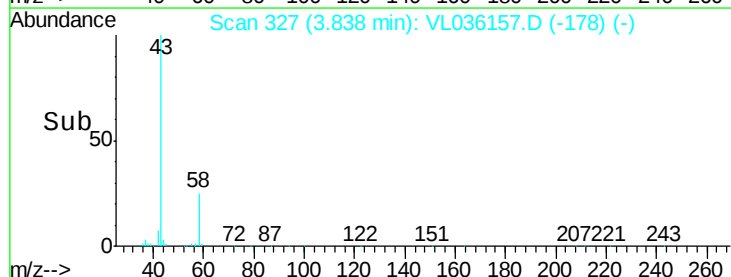
58 23.6 20.9 31.3

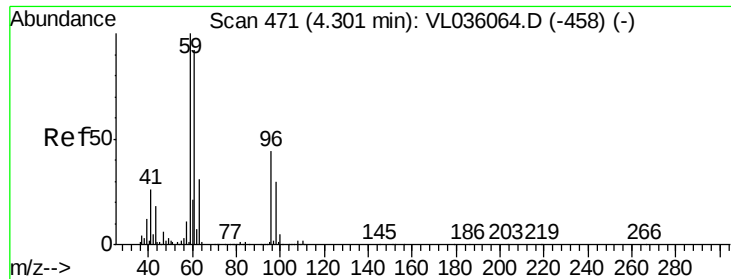


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Time-->

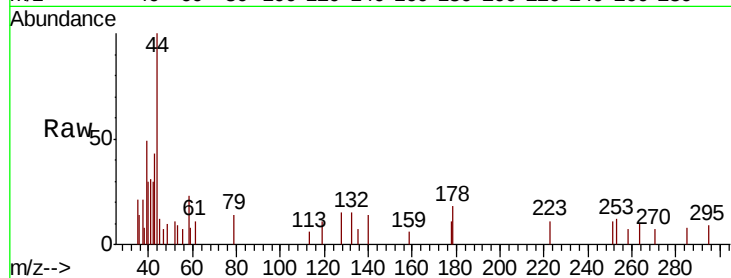




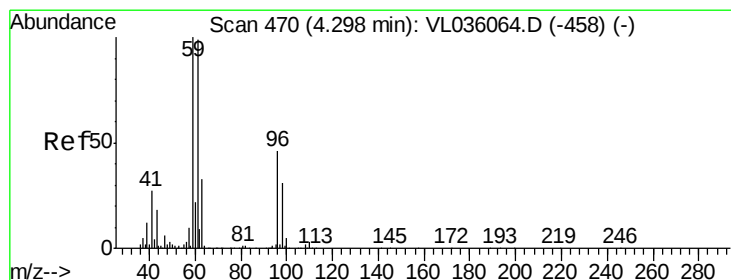
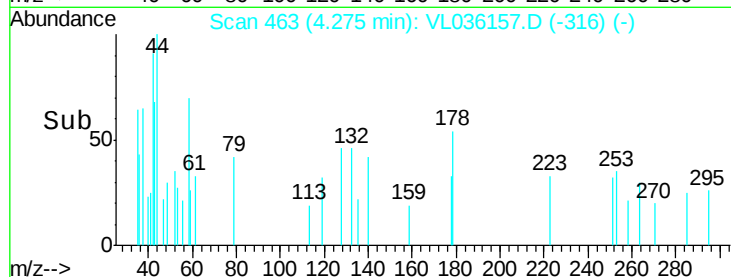
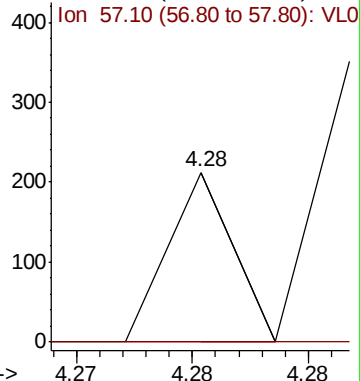
#17

tert-Butyl alcohol
Concen: 0.000 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.03 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tot Ion: 59 Resp: 41
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



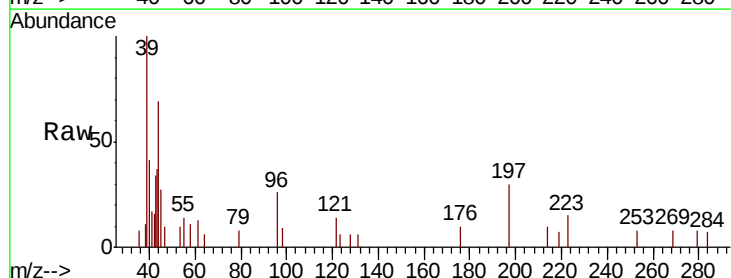
Abundance Ion 59.10 (58.80 to 59.80): VL0
Ion 57.10 (56.80 to 57.80): VL0



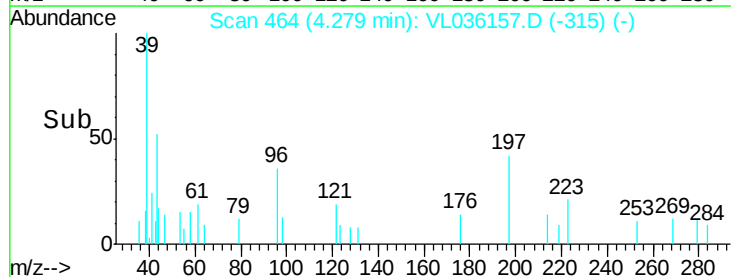
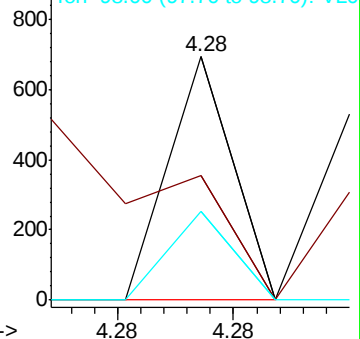
#18

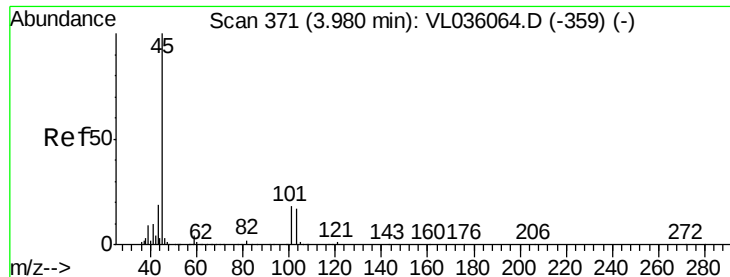
1,1-Dichloroethene
Concen: 0.003 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 96 Resp: 134
Ion Ratio Lower Upper
96 100
61 51.2 171.4 257.2#
98 36.5 54.2 81.2#



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 0.474 ppbv

RT: 3.98 min Scan# 370

Delta R.T. -0.00 min

Lab File: VL036157.D

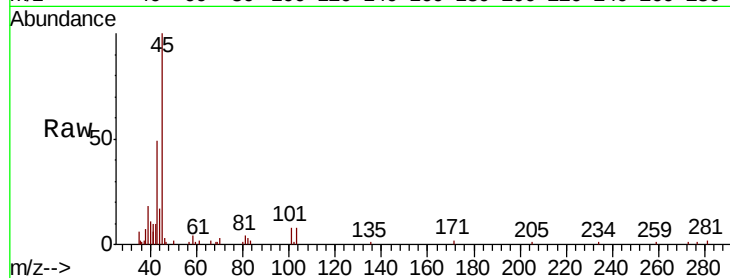
Acq: 11 Dec 2020 9:58

Tot Ion: 45 Resp: 44197

Ion Ratio Lower Upper

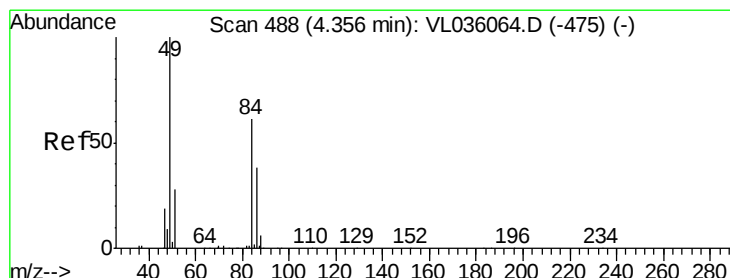
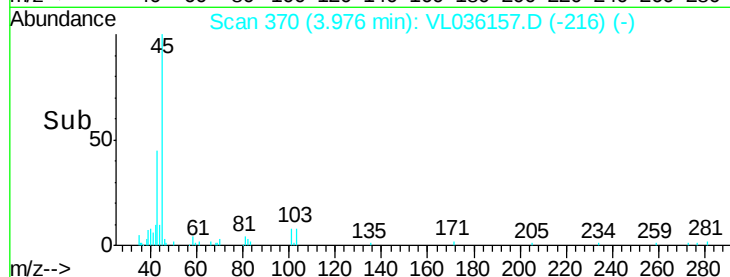
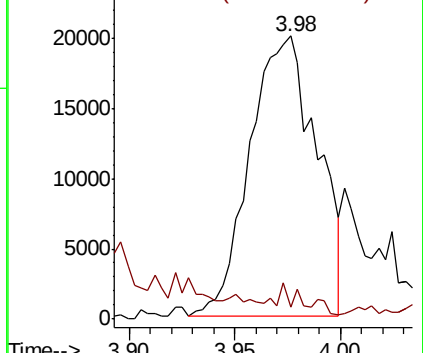
45 100

58 0.0 0.0 0.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 5.827 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.03 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tgt Ion: 84 Resp: 364419

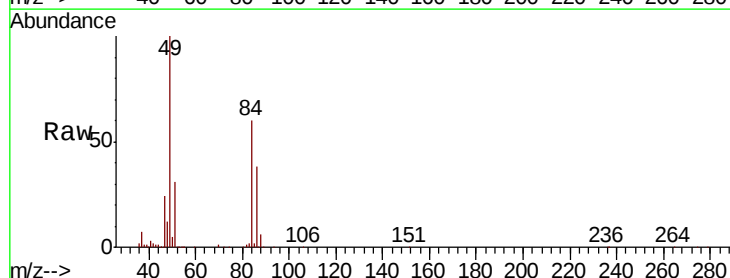
Ion Ratio Lower Upper

84 100

49 166.1 133.0 199.4

51 51.0 38.9 58.3

86 63.1 48.8 73.2

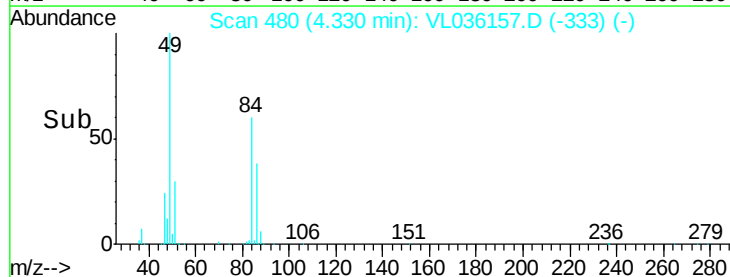
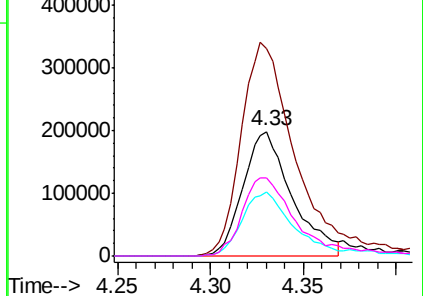


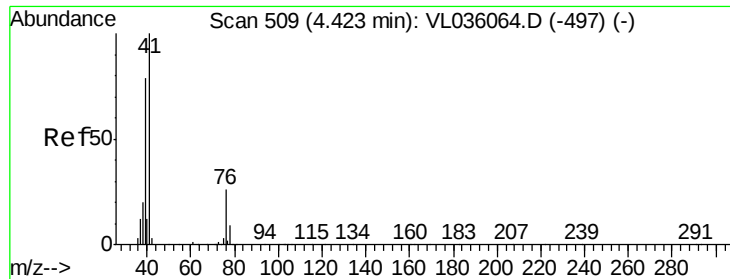
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

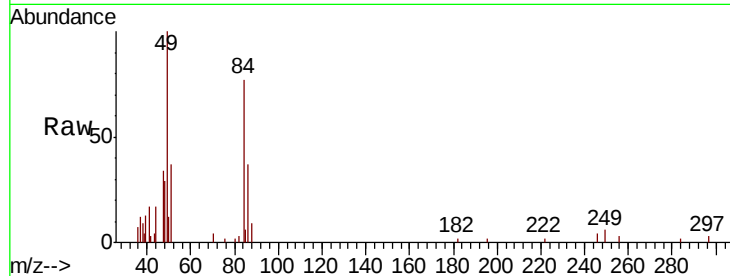
Ion 86.00 (85.70 to 86.70): VL0



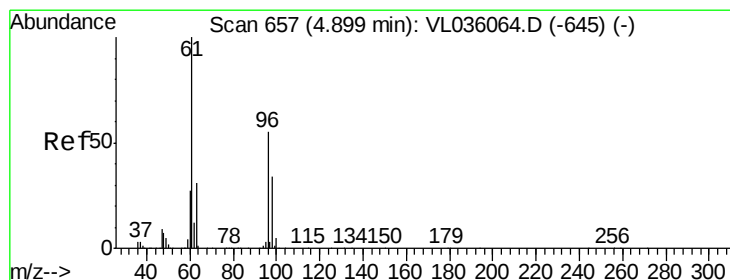
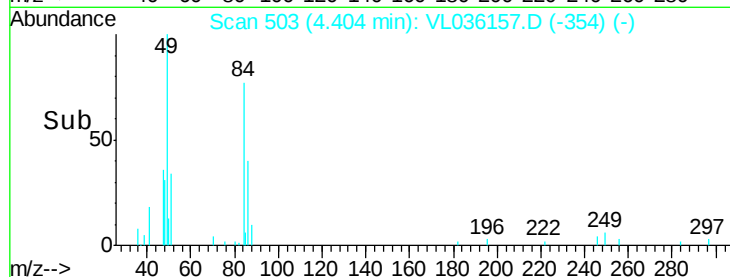
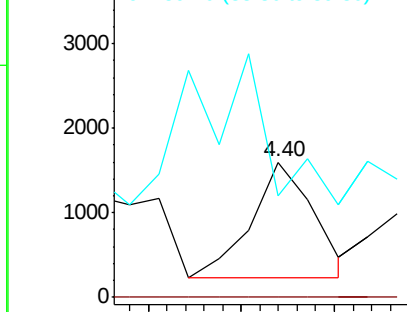


#21
Allvl Chloride
Concen: 0.006 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tot Ion: 41 Resp: 637
Ion Ratio Lower Upper
41 100
76 0.0 21.0 31.4#
39 308.2 66.0 99.0#

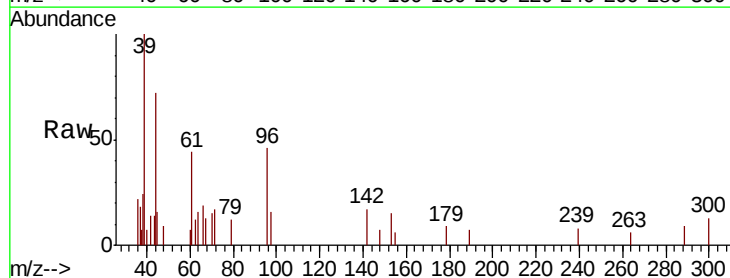


Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0

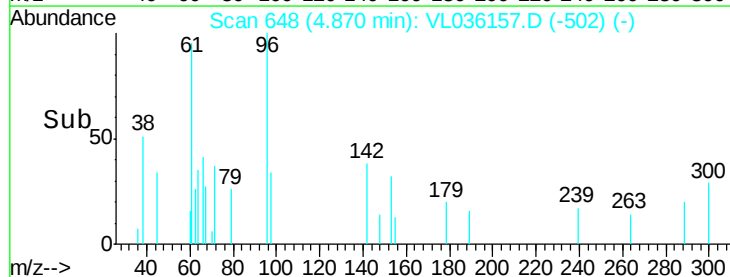
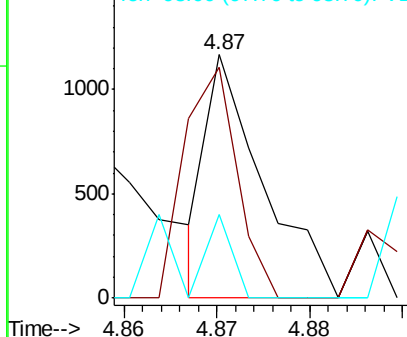


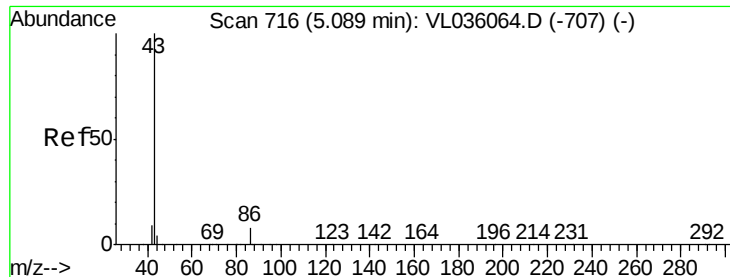
#22
trans-1,2-Dichloroethene
Concen: 0.009 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.03 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 96 Resp: 497
Ion Ratio Lower Upper
96 100
61 94.9 145.7 218.5#
98 34.4 49.2 73.8#



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 0.020 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.04 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tot Ion: 43 Resp: 3975

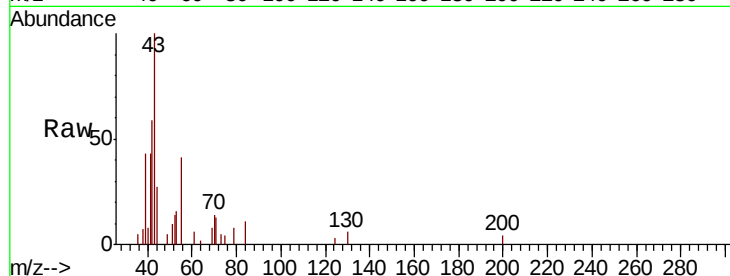
Ion Ratio Lower Upper

43 100

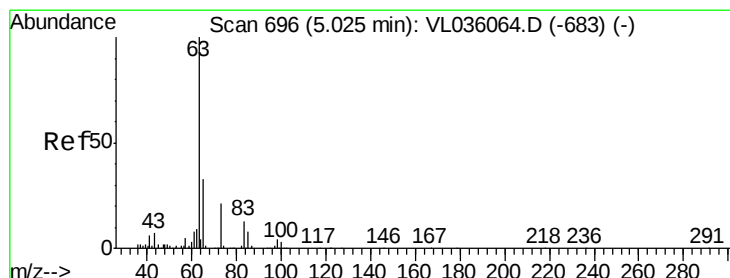
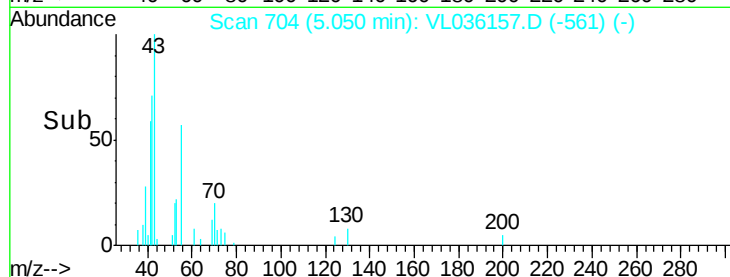
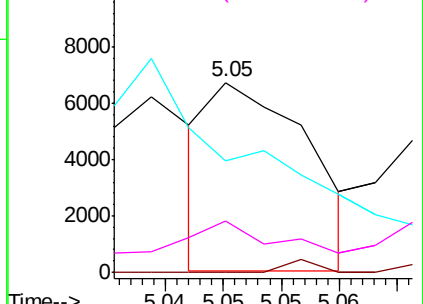
86 0.0 5.0 7.4#

42 37.2 7.8 11.6#

44 36.9 3.2 4.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 0.006 ppbv

RT: 5.00 min Scan# 688

Delta R.T. -0.03 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

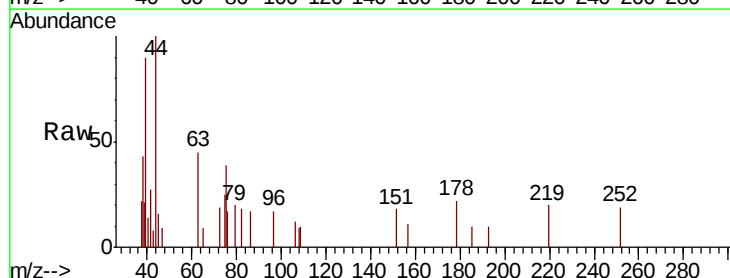
Tgt Ion: 63 Resp: 822

Ion Ratio Lower Upper

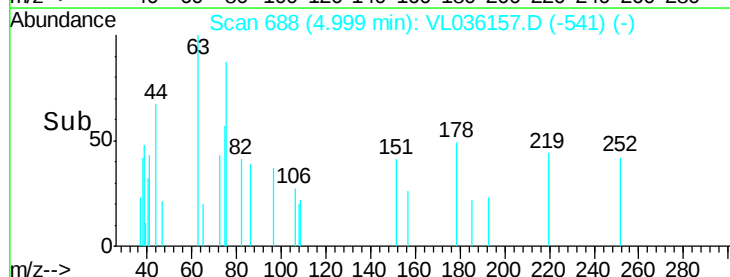
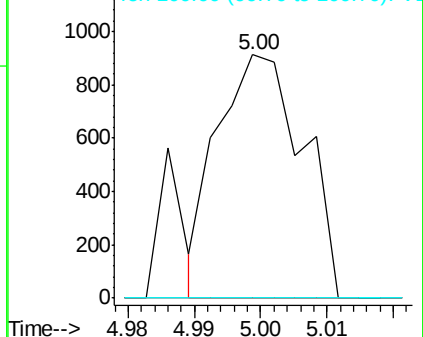
63 100

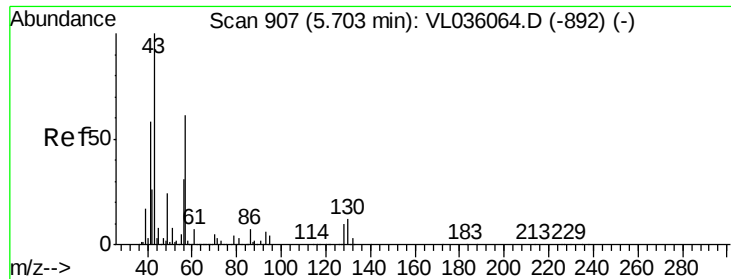
98 0.0 2.2 6.6#

100 0.0 1.5 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





#26

Hexane

Concen: 2.037 ppbv

RT: 5.67 min Scan# 897

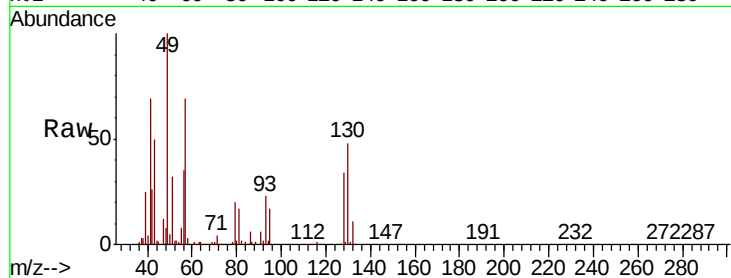
Delta R.T. -0.03 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tot Ion: 57 Resp: 279436

Ion	Ratio	Lower	Upper
57	100		
41	105.5	82.9	124.3
43	85.7	199.9	299.9#
56	55.8	43.1	64.7

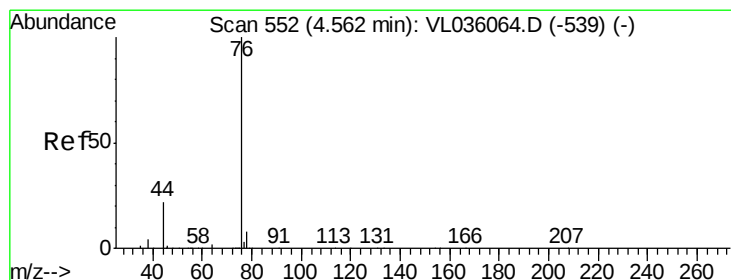
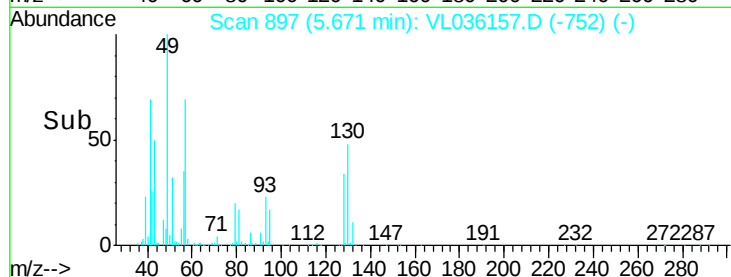
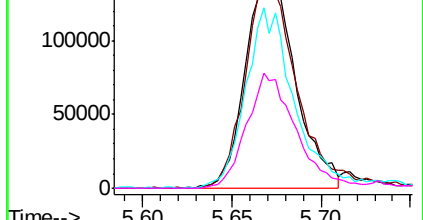


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.009 ppbv

RT: 4.54 min Scan# 544

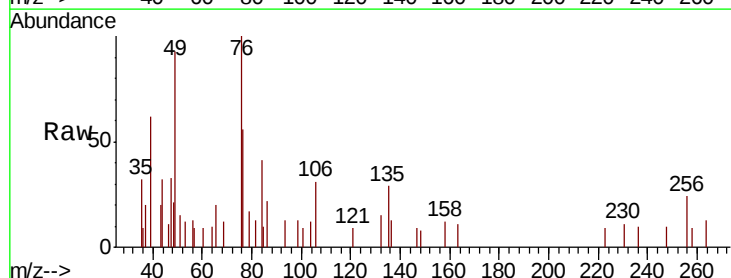
Delta R.T. -0.03 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tgt Ion: 76 Resp: 1295

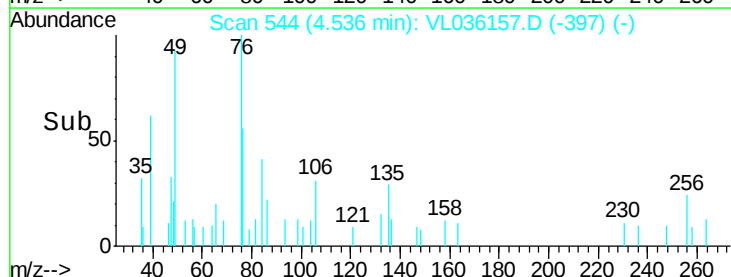
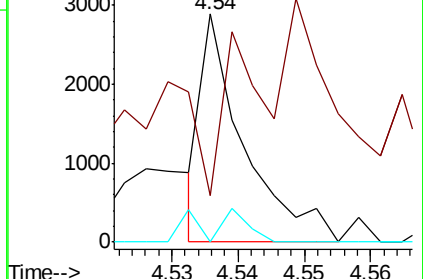
Ion	Ratio	Lower	Upper
76	100		
44	0.0	17.9	26.9#
78	14.9	7.8	11.8#

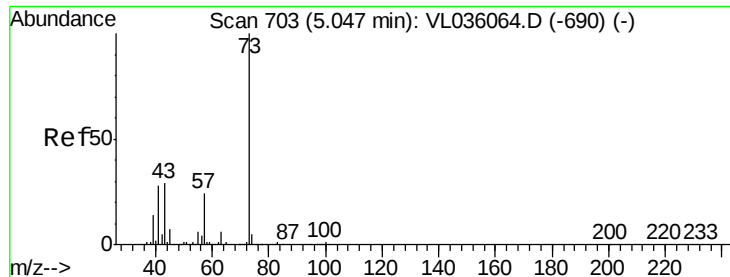


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

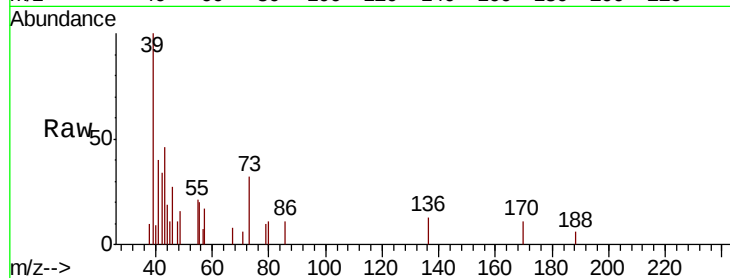




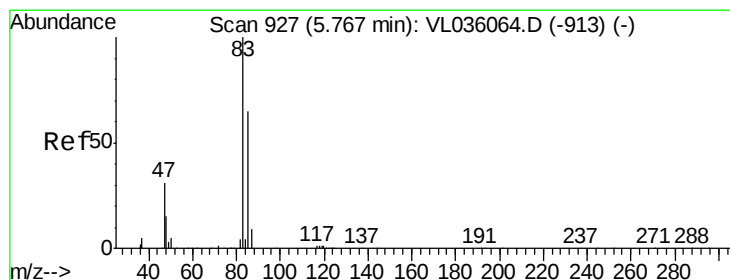
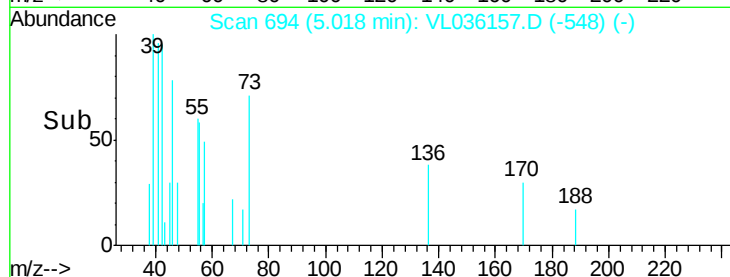
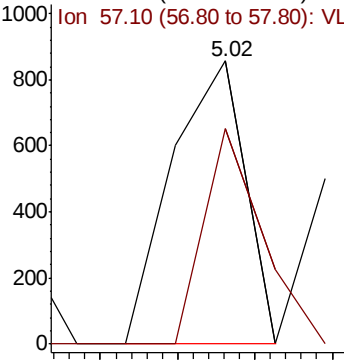
#28

Methvl tert-Butvl Ether
 Concen: 0.001 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T. -0.03 min
 Lab File: VL036157.D
 Acq: 11 Dec 2020 9:58

Tot Ion: 73 Resp: 282
 Ion Ratio Lower Upper
 73 100
 57 0.0 19.2 28.8#



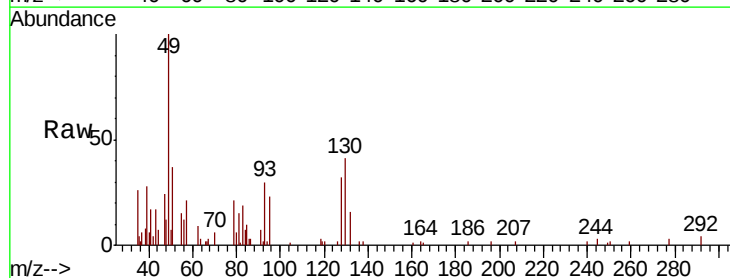
Abundance Ion 73.10 (72.80 to 73.80): VL0
 Ion 57.10 (56.80 to 57.80): VL0



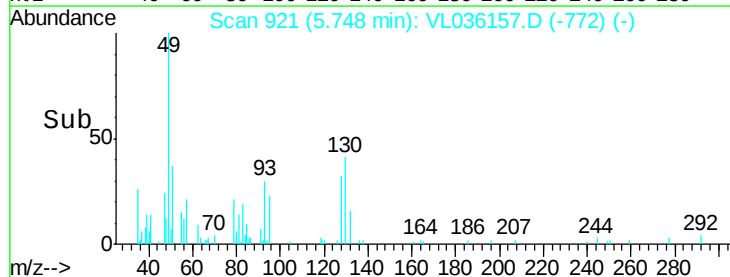
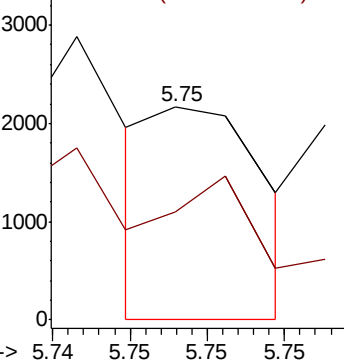
#29

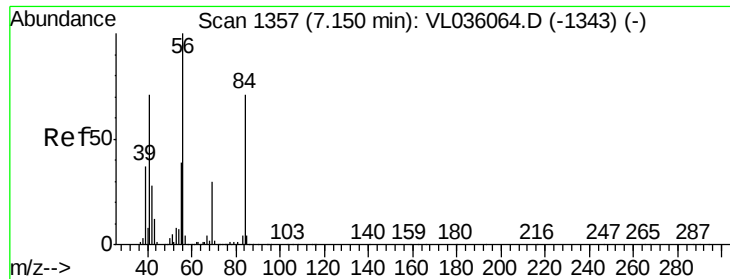
Chloroform
 Concen: 0.006 ppbv
 RT: 5.75 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: VL036157.D
 Acq: 11 Dec 2020 9:58

Tgt Ion: 83 Resp: 1071
 Ion Ratio Lower Upper
 83 100
 85 65.3 51.8 77.6



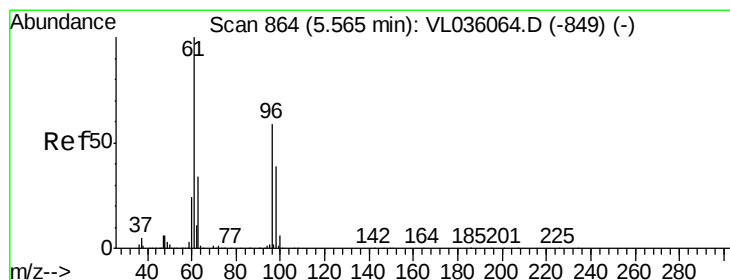
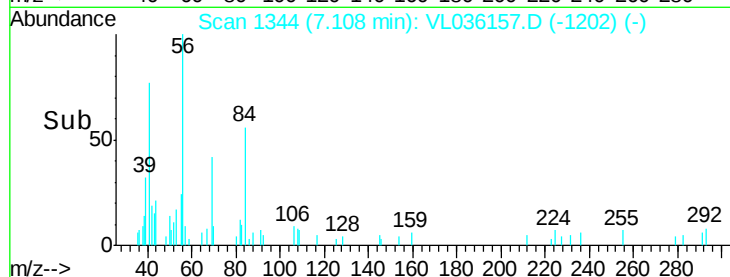
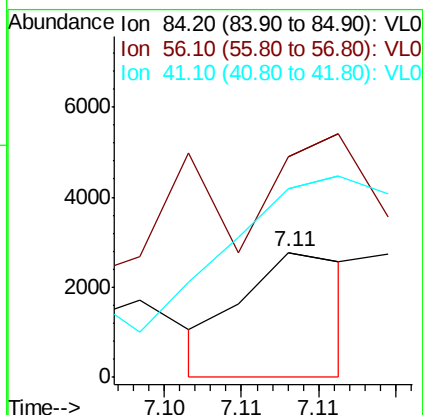
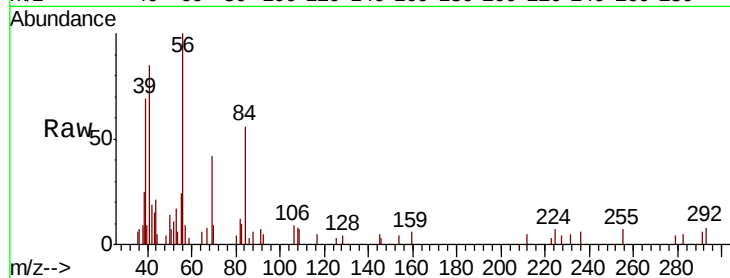
Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0





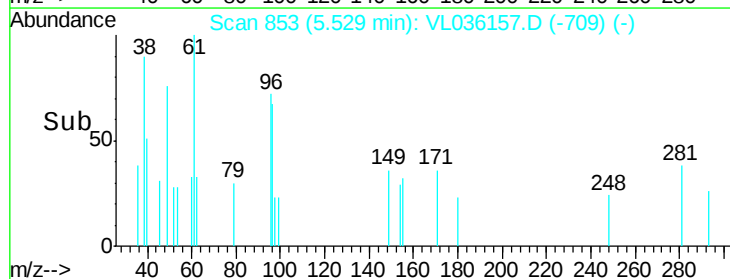
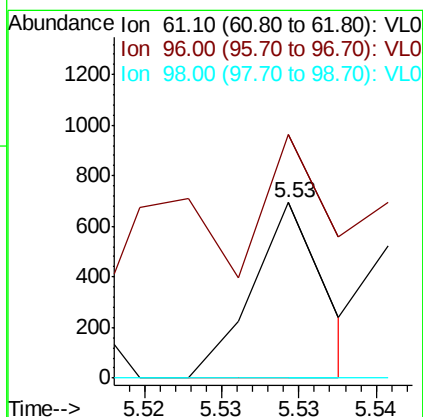
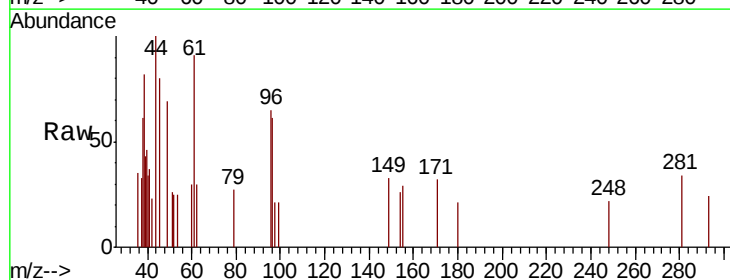
#30
Cvclohexane
Concen: 0.013 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

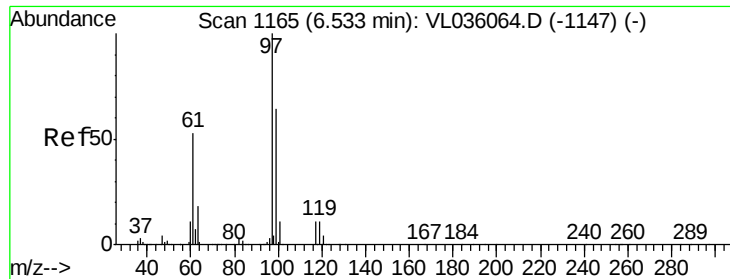
Tot Ion: 84 Resp: 1343
Ion Ratio Lower Upper
84 100
56 0.0 128.0 192.0#
41 800.0 81.3 121.9#



#31
cis-1,2-Dichloroethene
Concen: 0.002 ppbv
RT: 5.53 min Scan# 853
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 61 Resp: 224
Ion Ratio Lower Upper
61 100
96 58.1 47.3 70.9
98 0.0 31.4 47.0#





#32

1,1,1-Trichloroethane

Concen: 0.002 ppbv

RT: 6.48 min Scan# 1150

Delta R.T. -0.05 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

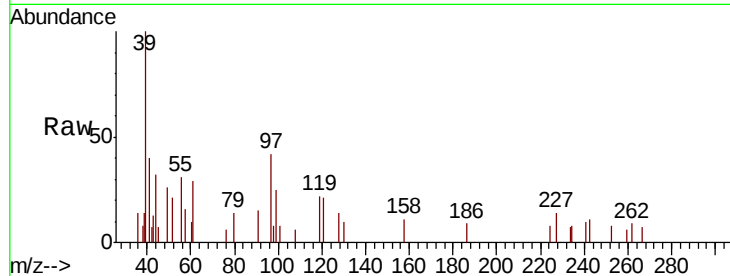
Tot Ion: 97 Resp: 416

Ion Ratio Lower Upper

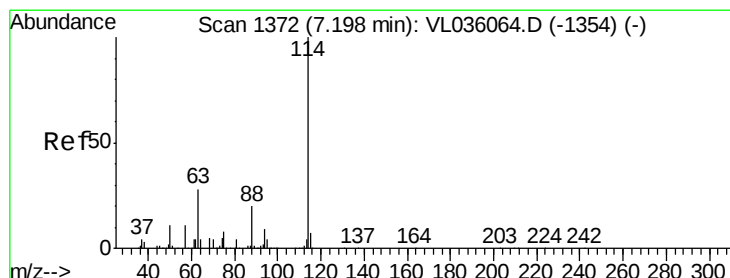
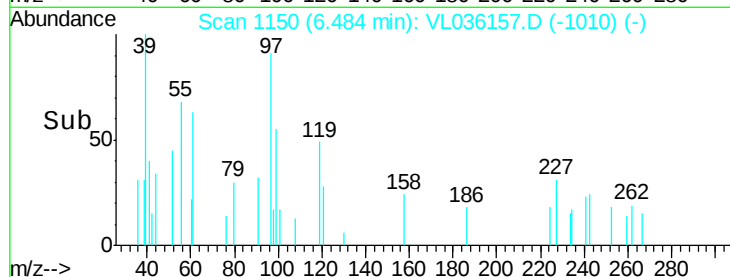
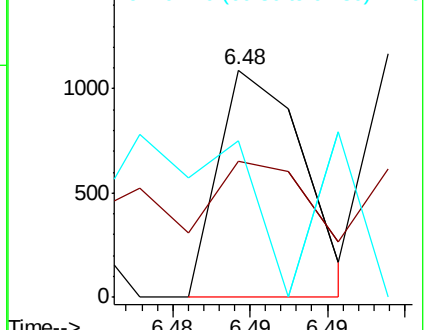
97 100

99 174.3 52.4 78.6#

61 0.0 43.4 65.0#



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.04 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

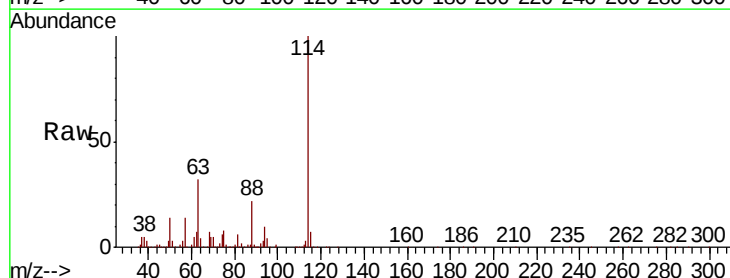
Tgt Ion: 114 Resp: 2448100

Ion Ratio Lower Upper

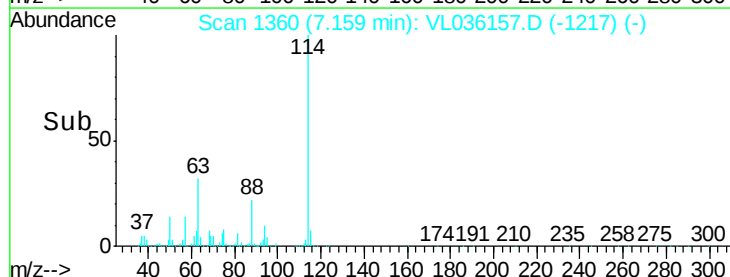
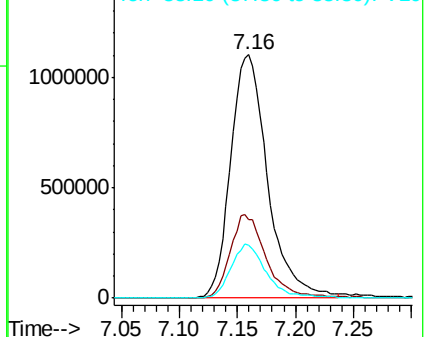
114 100

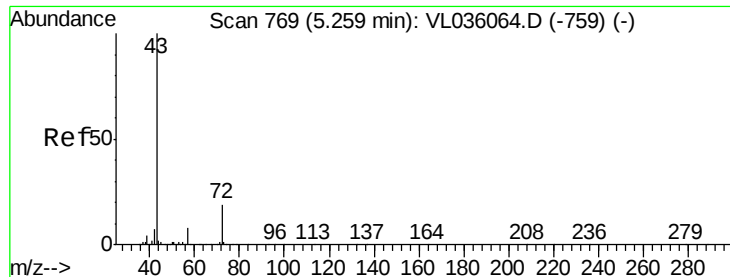
63 33.6 23.6 35.4

88 21.6 15.8 23.6



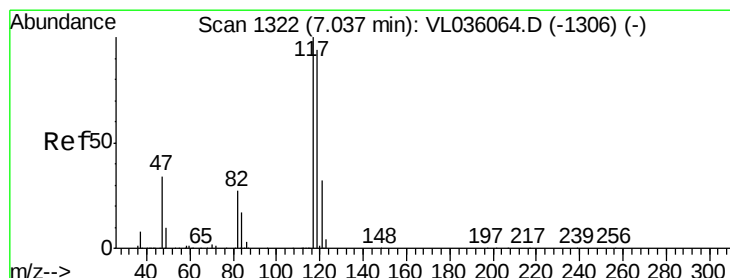
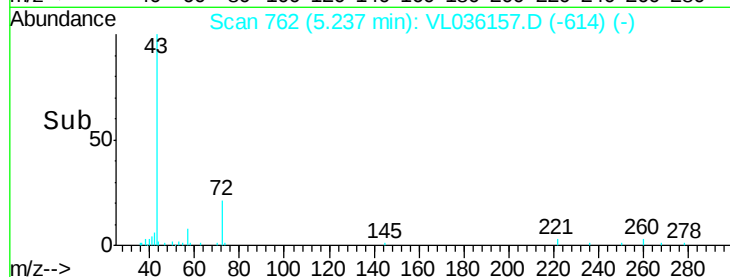
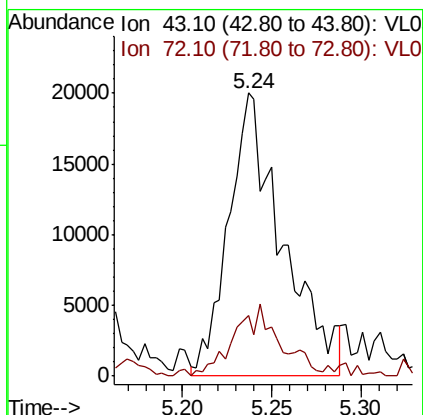
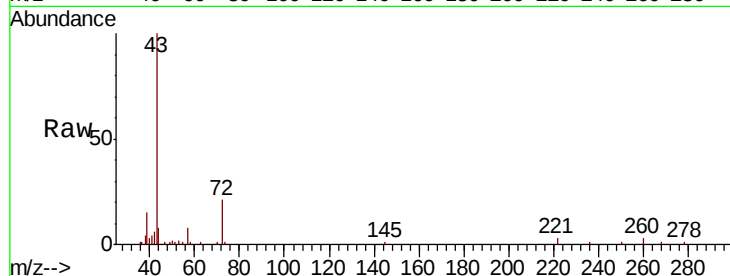
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





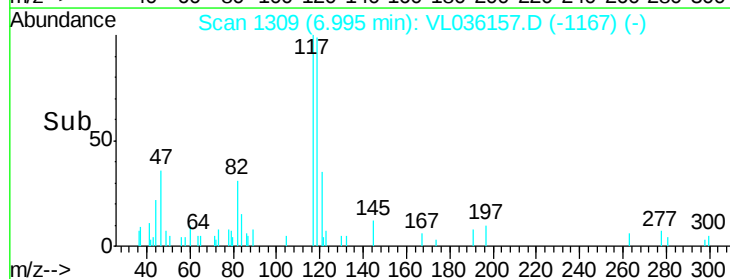
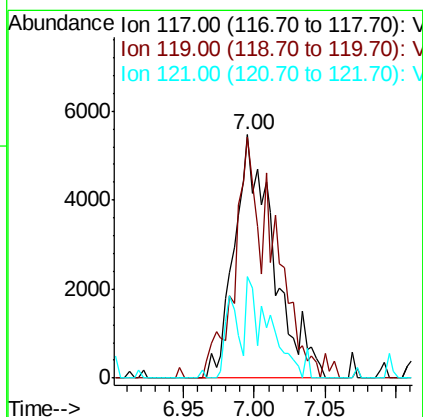
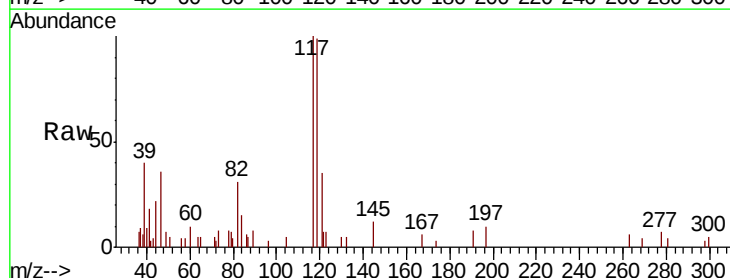
#34
2-Butanone
Concen: 0.258 ppbv m
RT: 5.24 min Scan# 762
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

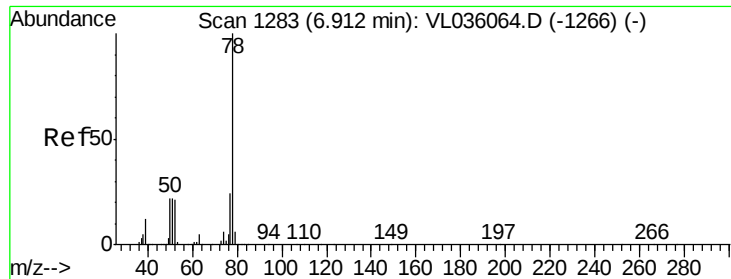
Tot Ion: 43 Resp: 41973
Ion Ratio Lower Upper
43 100
72 0.0 16.5 24.7#



#35
Carbon Tetrachloride
Concen: 0.074 ppbv m
RT: 7.00 min Scan# 1309
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 117 Resp: 10544
Ion Ratio Lower Upper
117 100
119 99.0 75.1 112.7
121 34.6 25.6 38.4





#36

Benzene

Concen: 0.248 ppbv m

RT: 6.87 min Scan# 1270

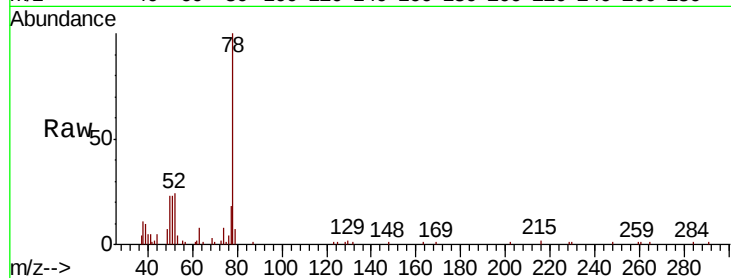
Delta R.T. -0.04 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tot Ion: 78 Resp: 51353

Ion	Ratio	Lower	Upper
78	100		
77	17.8	19.4	29.2#
50	22.8	17.8	26.8

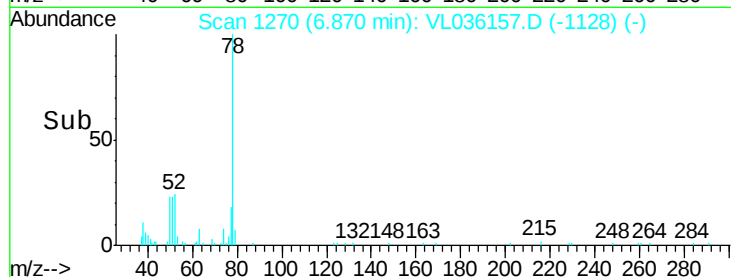


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

Time-->



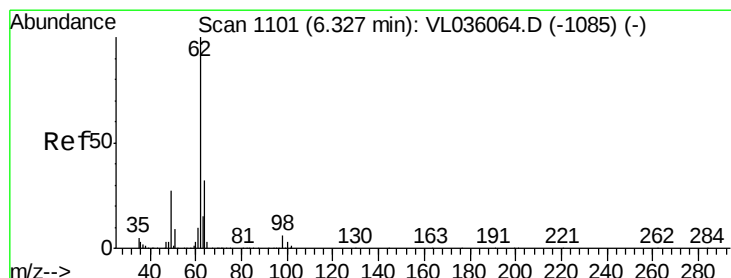
Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

Time-->



#37

1,2-Dichloroethane

Concen: 0.017 ppbv

RT: 6.29 min Scan# 1090

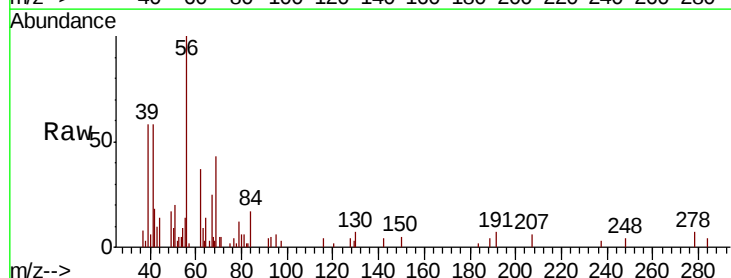
Delta R.T. -0.04 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tgt Ion: 62 Resp: 2015

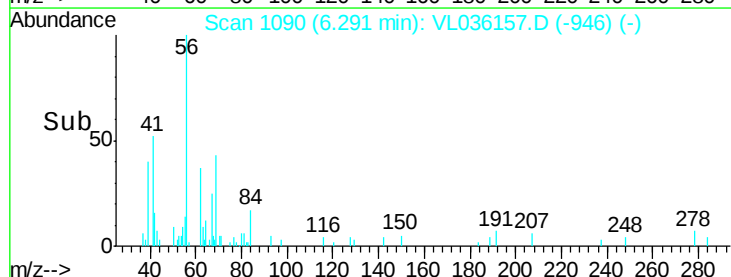
Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.6	7.0#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Time-->

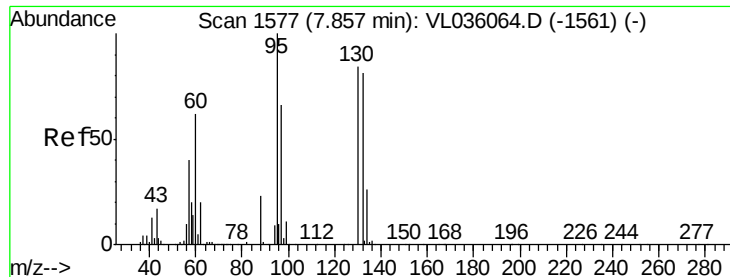


Abundance

Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Time-->



#38

Trichloroethene

Concen: 0.019 ppbv

RT: 7.82 min Scan# 1564

Delta R.T. -0.04 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tot Ion: 130 Resp: 1483

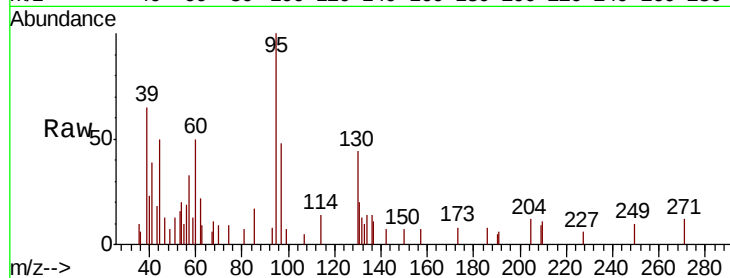
Ion Ratio Lower Upper

130 100

95 115.9 95.2 142.8

132 0.0 76.9 115.3#

97 58.2 62.3 93.5#

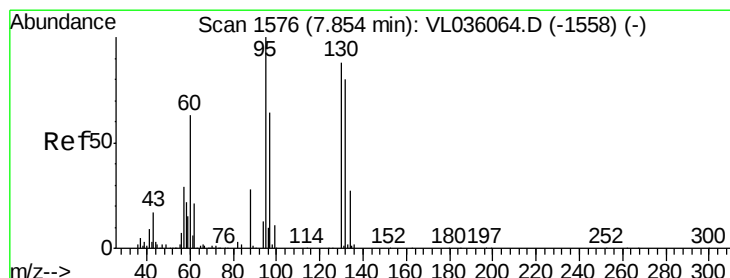
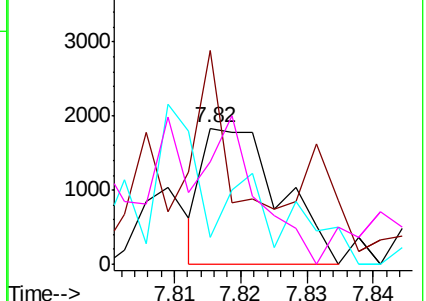
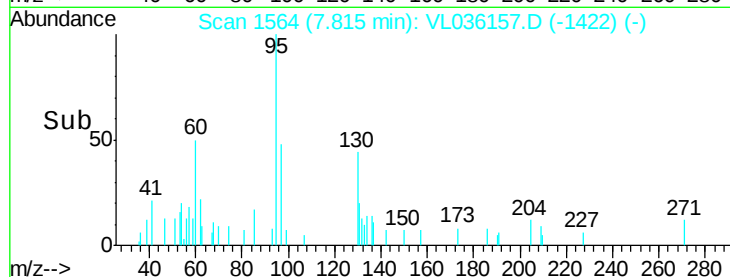


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#40

1,4-Dioxane

Concen: 0.001 ppbv

RT: 7.81 min Scan# 1563

Delta R.T. -0.04 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tgt Ion: 88 Resp: 36

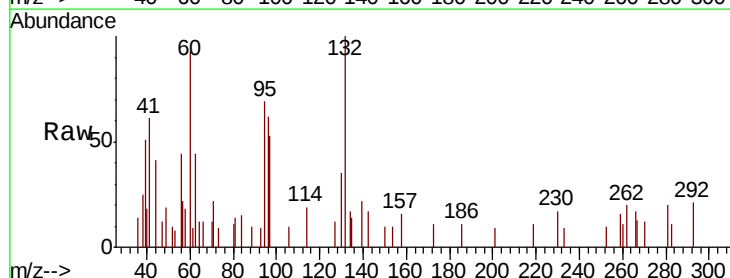
Ion Ratio Lower Upper

88 100

58 0.0 122.6 184.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

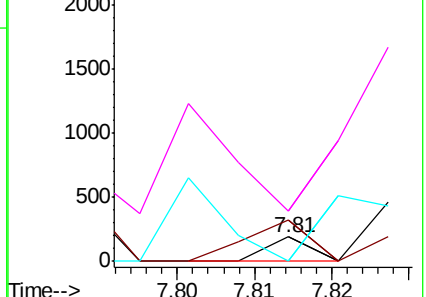
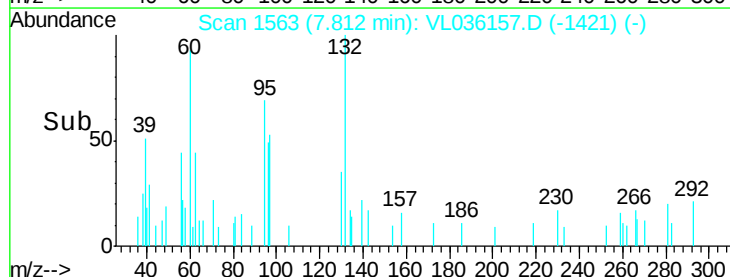


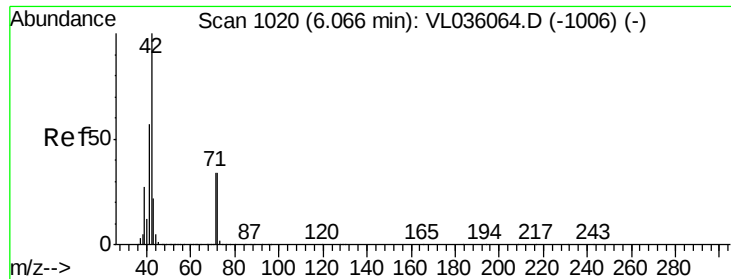
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 0.022 ppbv

RT: 6.05 min Scan# 1016

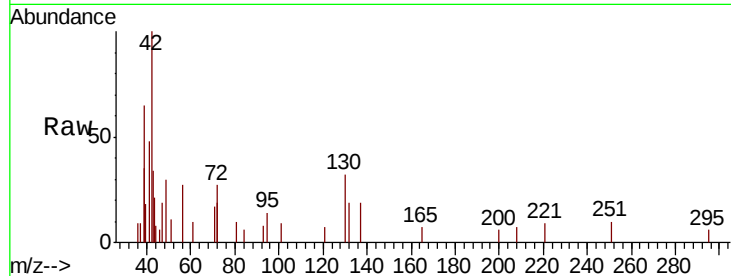
Delta R.T. -0.01 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tot Ion: 42 Resp: 2114

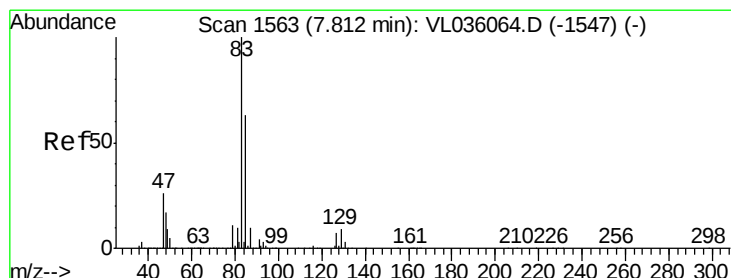
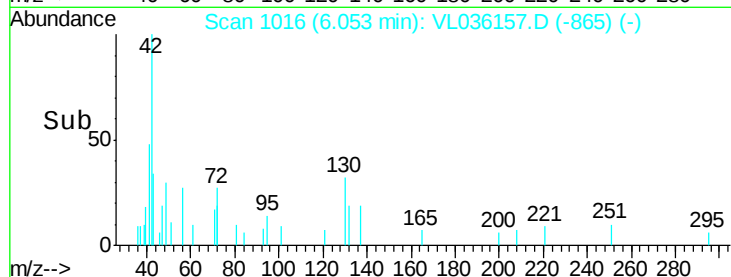
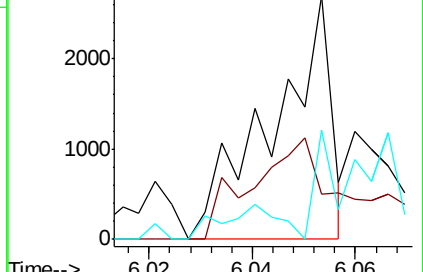
Ion	Ratio	Lower	Upper
42	100		
72	77.3	28.3	42.5#
71	0.0	27.3	40.9#



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 0.005 ppbv

RT: 7.77 min Scan# 1550

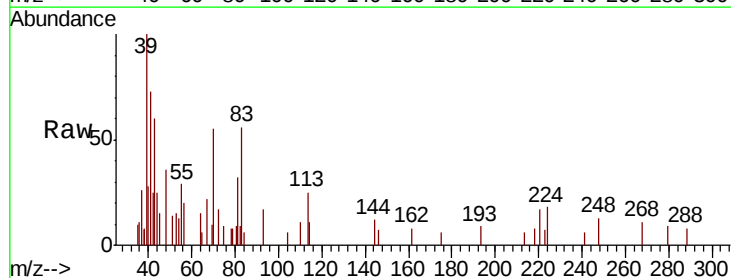
Delta R.T. -0.04 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tgt Ion: 83 Resp: 770

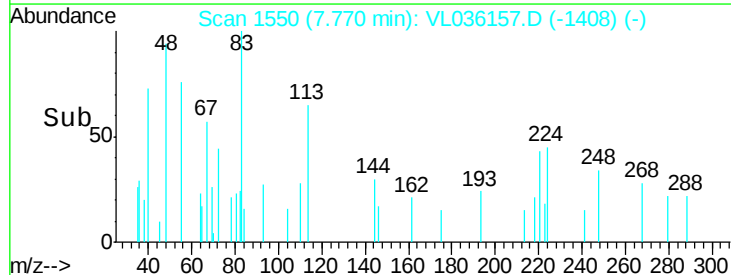
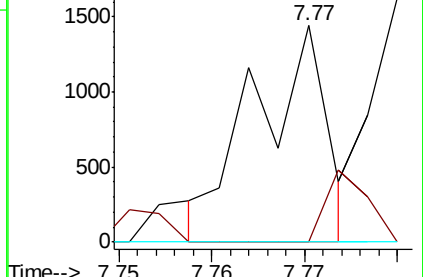
Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.2	75.2#
127	0.0	5.5	8.3#

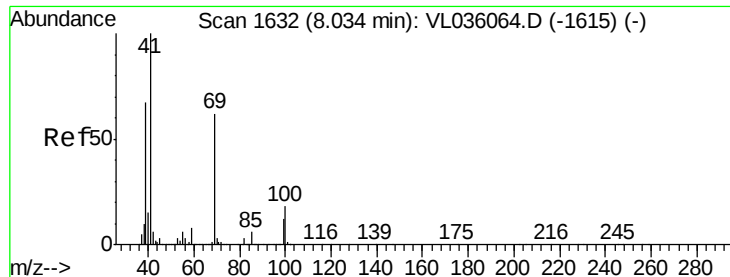


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 0.004 ppbv

RT: 8.00 min Scan# 1620

Delta R.T. -0.04 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

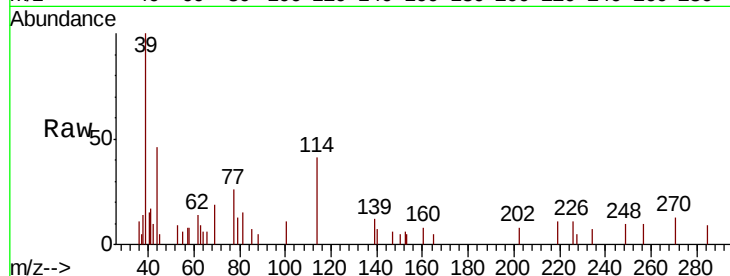
Tot Ion: 69 Resp: 329

Ion Ratio Lower Upper

69 100

41 0.0 133.0 199.6#

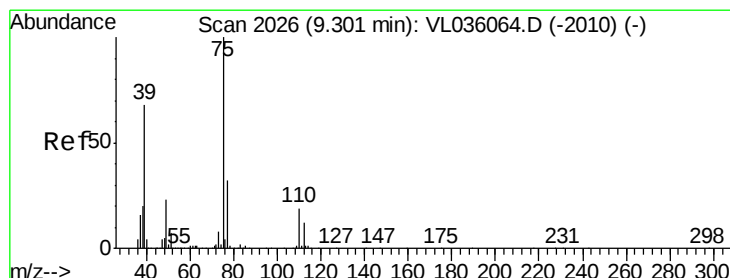
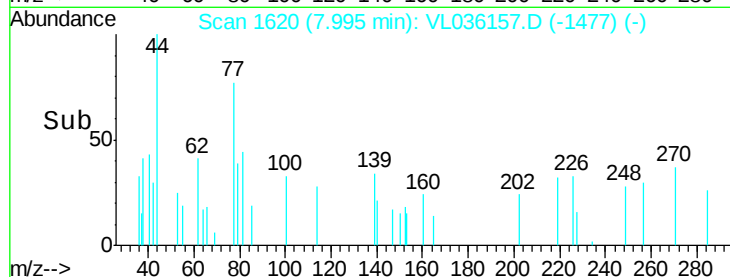
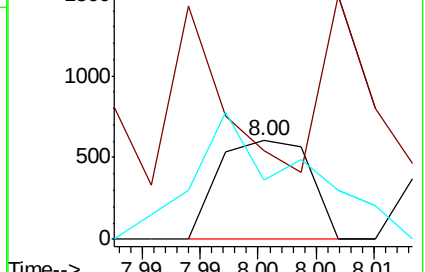
100 167.8 25.4 38.0#



Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#45

t-1,3-Dichloropropene

Concen: 0.002 ppbv

RT: 9.25 min Scan# 2009

Delta R.T. -0.05 min

Lab File: VL036157.D

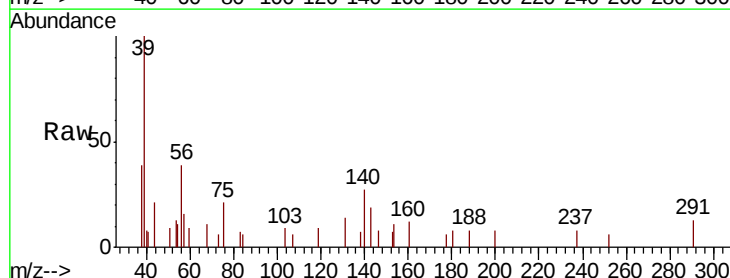
Acq: 11 Dec 2020 9:58

Tgt Ion: 75 Resp: 183

Ion Ratio Lower Upper

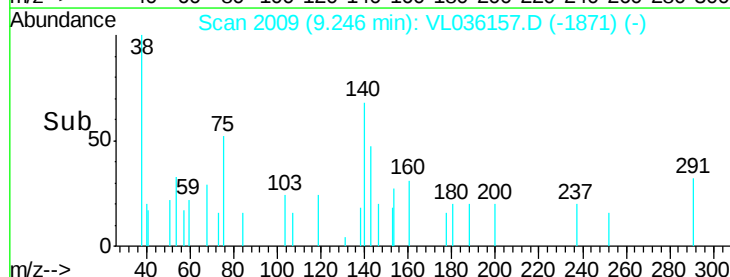
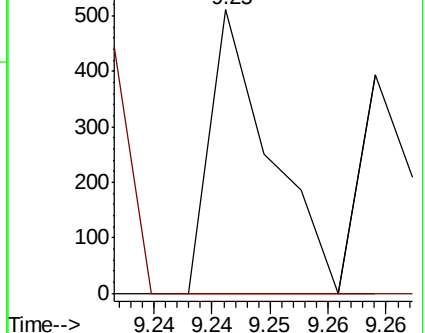
75 100

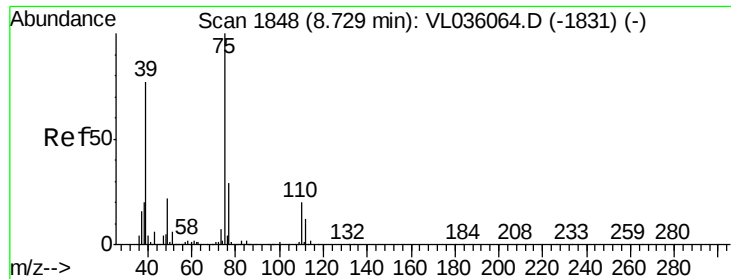
77 0.0 26.0 39.0#



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#46

cis-1,3-Dichloropropene

Concen: 0.003 ppbv

RT: 8.68 min Scan# 1833

Delta R.T. -0.05 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

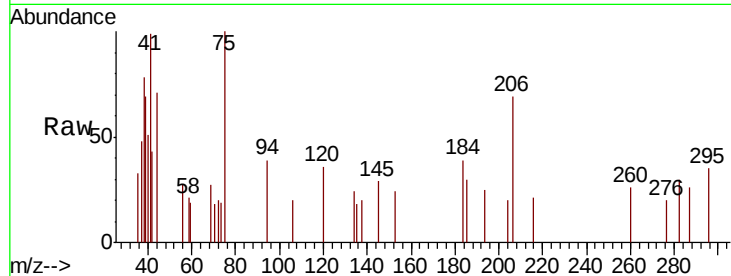
Tot Ion: 75 Resp: 300

Ion Ratio Lower Upper

75 100

39 0.0 61.6 92.4#

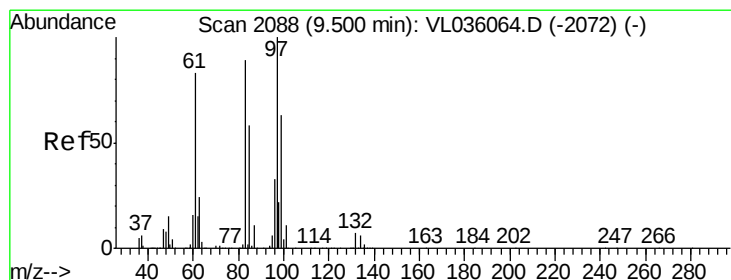
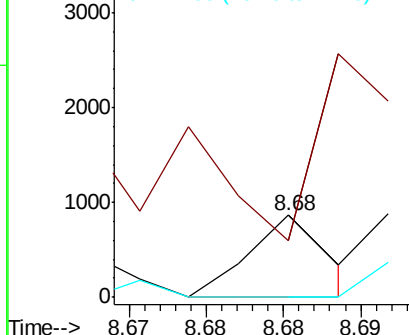
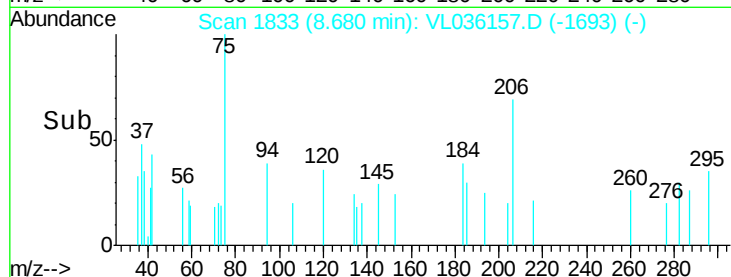
77 0.0 23.0 34.6#



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



#47

1,1,2-Trichloroethane

Concen: 0.002 ppbv

RT: 9.46 min Scan# 2074

Delta R.T. -0.05 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tgt Ion: 97 Resp: 190

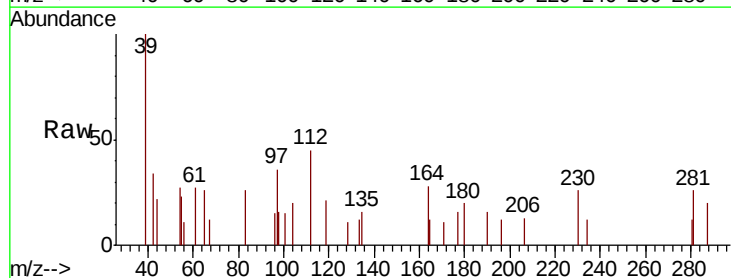
Ion Ratio Lower Upper

97 100

83 33.9 71.4 107.2#

85 0.0 46.6 70.0#

99 0.0 50.7 76.1#

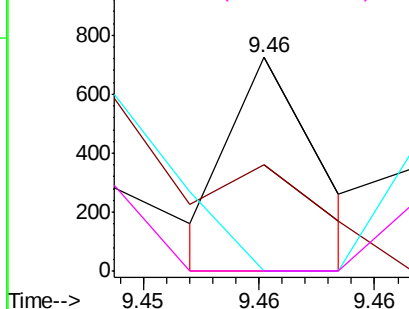
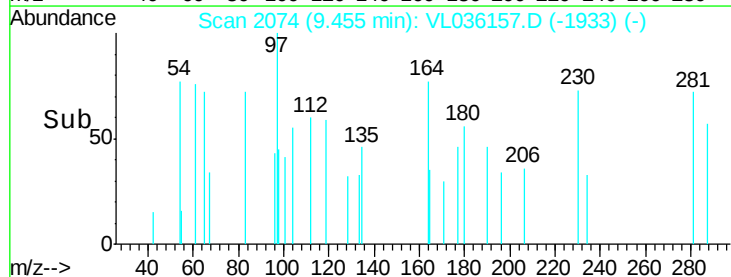


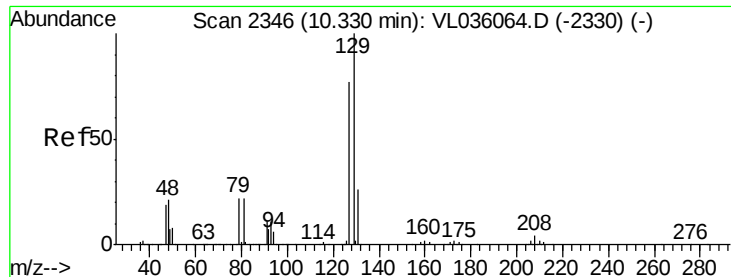
Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0





#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 10.33 min Scan# 2345

Delta R.T. -0.00 min

Lab File: VL036157.D

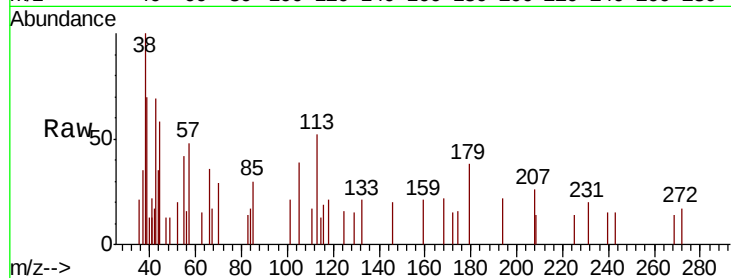
Acq: 11 Dec 2020 9:58

Tot Ion:129 Resp: 69

Ion Ratio Lower Upper

129 100

127 47.8 39.0 117.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

500

400

300

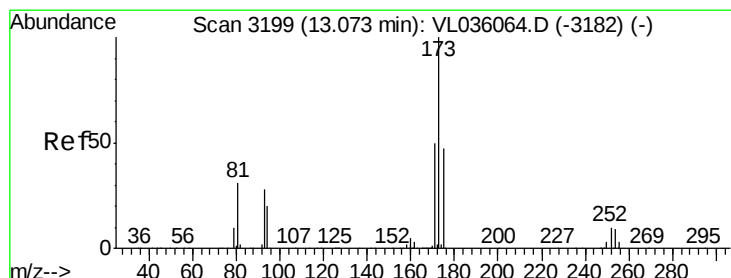
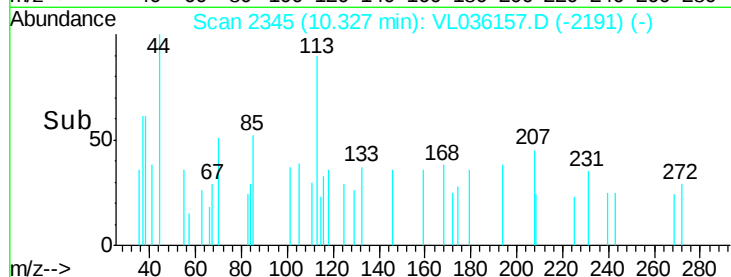
200

100

0

10.32 10.33

Time-->



#49

Bromoform

Concen: 0.002 ppbv

RT: 13.01 min Scan# 3181

Delta R.T. -0.06 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

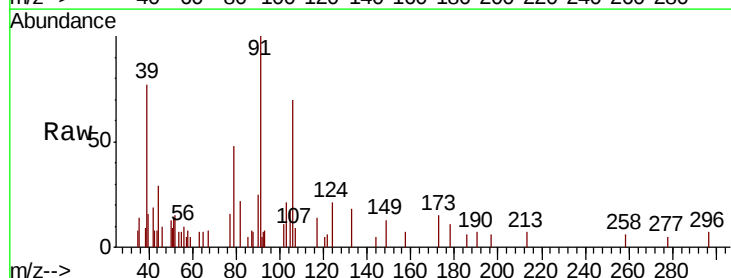
Tgt Ion:173 Resp: 149

Ion Ratio Lower Upper

173 100

175 140.9 39.8 59.6#

171 0.0 42.5 63.7#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V

800

600

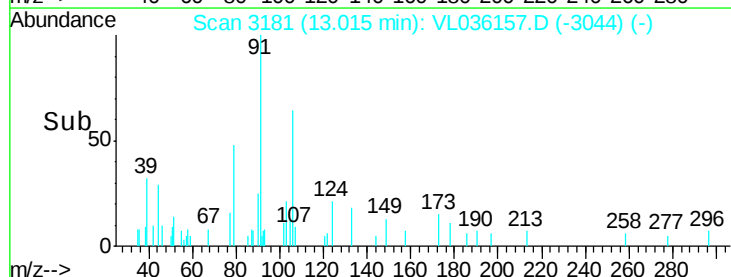
400

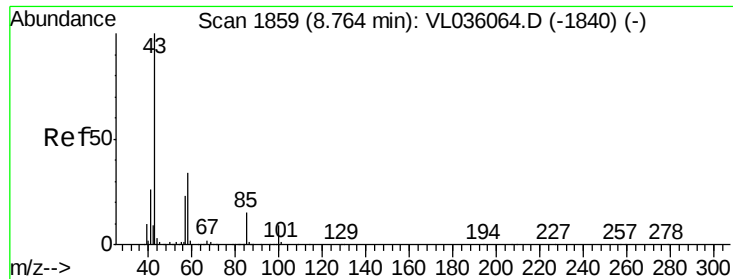
200

0

13.01 13.01 13.02 13.02

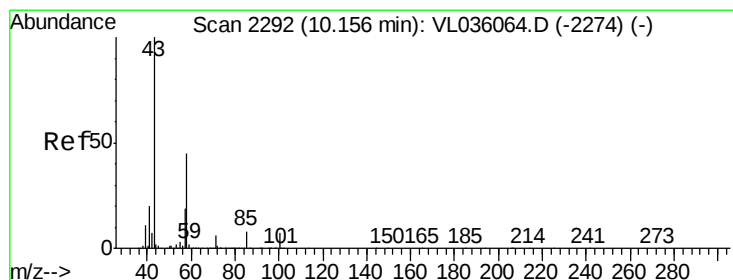
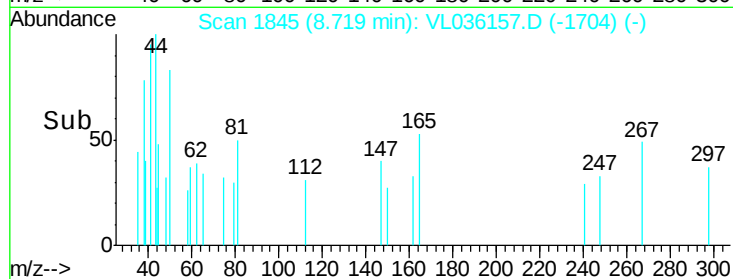
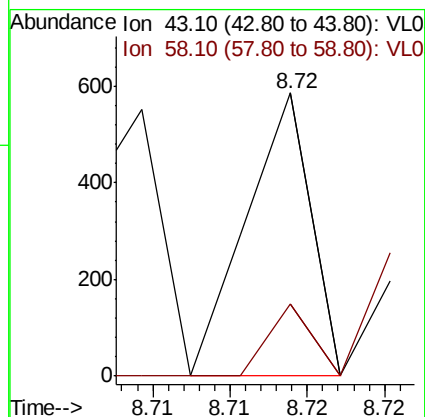
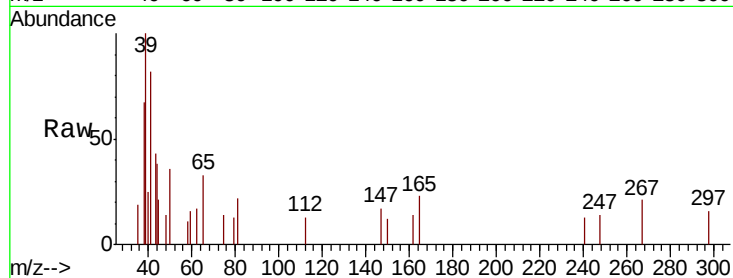
Time-->





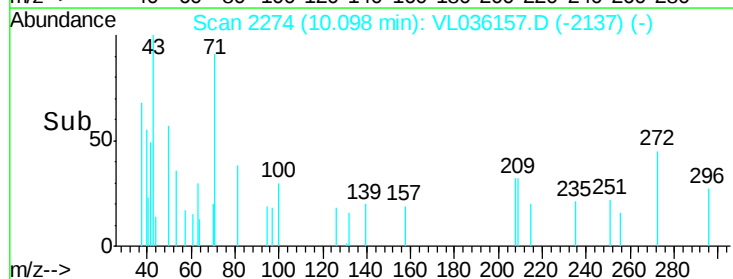
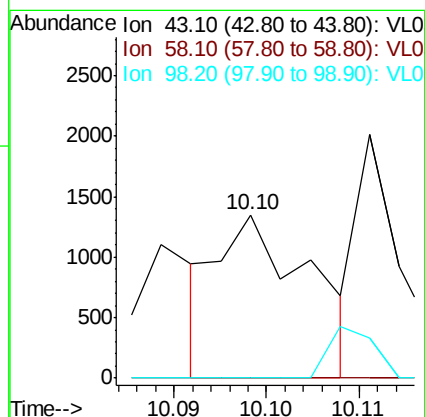
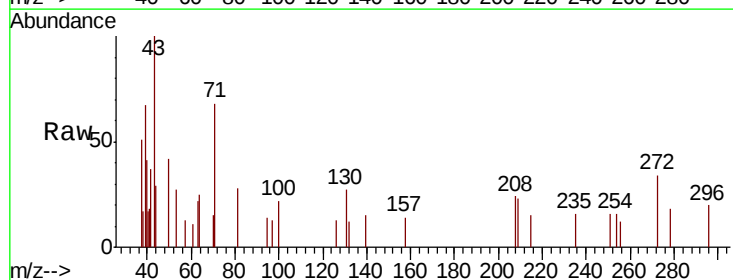
#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

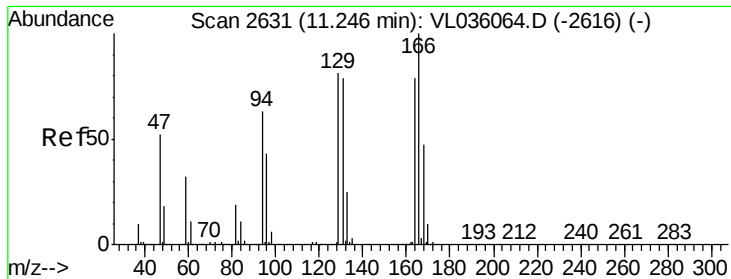
Tot Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.2#



#51
2-Hexanone
Concen: 0.005 ppbv
RT: 10.10 min Scan# 2274
Delta R.T. -0.06 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 0.0 38.7 58.1#
98 0.0 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.009 ppbv

RT: 11.19 min Scan# 2613

Delta R.T. -0.06 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tot Ion:164 Resp: 664

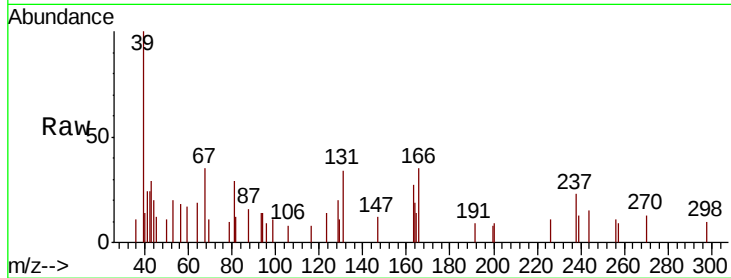
Ion Ratio Lower Upper

164 100

166 50.4 101.9 152.9#

129 65.3 82.1 123.1#

131 73.3 80.8 121.2#

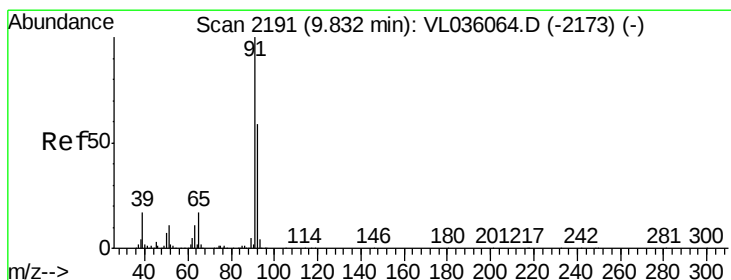
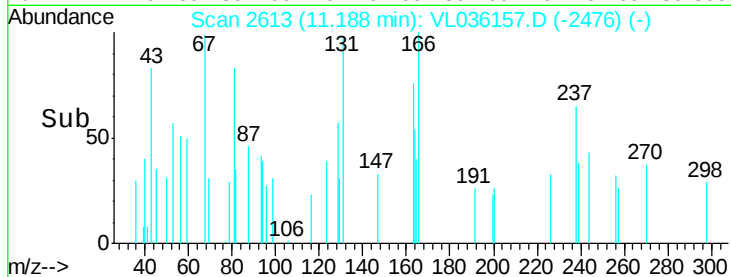
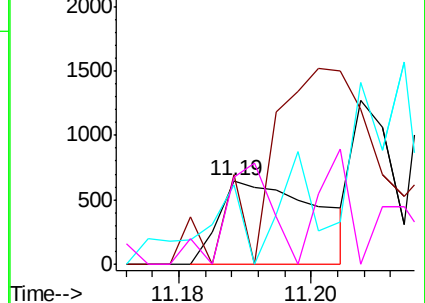


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 1.432 ppbv m

RT: 9.79 min Scan# 2179

Delta R.T. -0.04 min

Lab File: VL036157.D

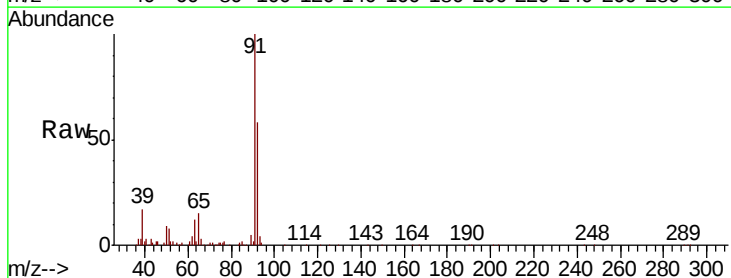
Acq: 11 Dec 2020 9:58

Tgt Ion: 91 Resp: 333557

Ion Ratio Lower Upper

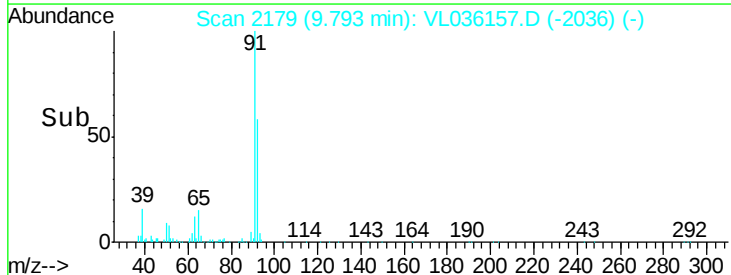
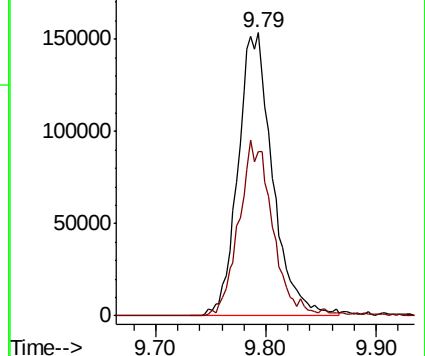
91 100

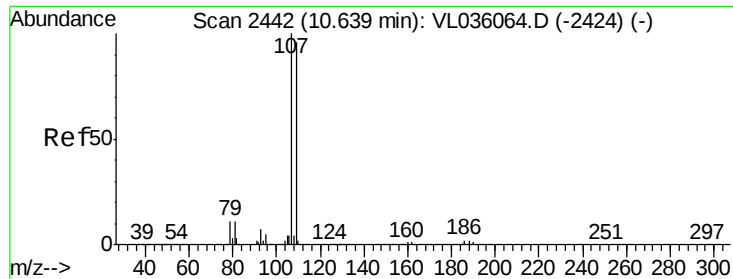
92 61.5 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

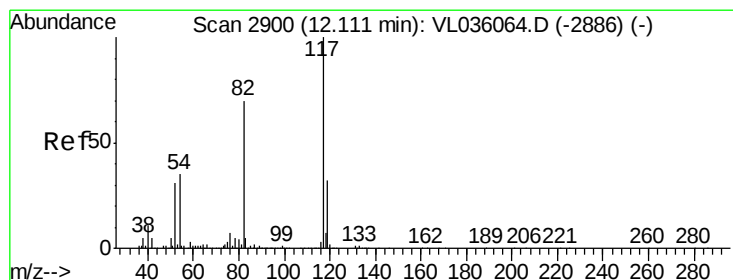
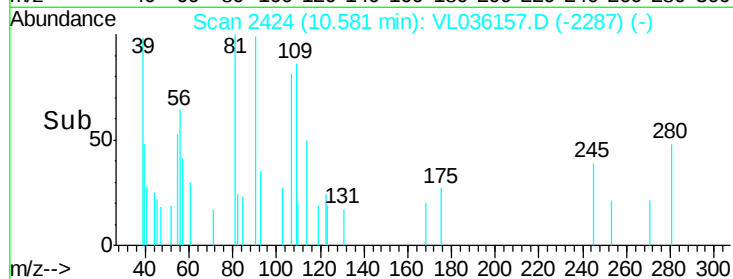
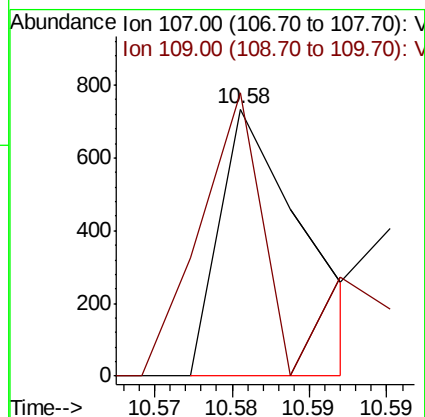
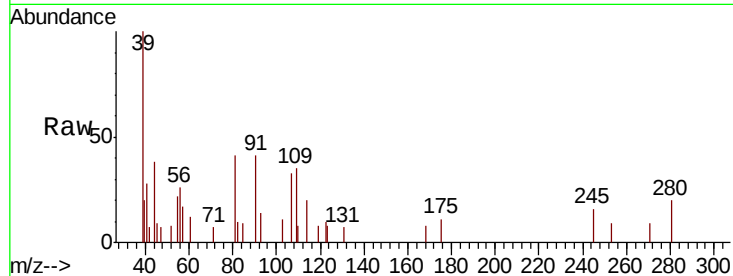
Ion 92.10 (91.80 to 92.80): VL0





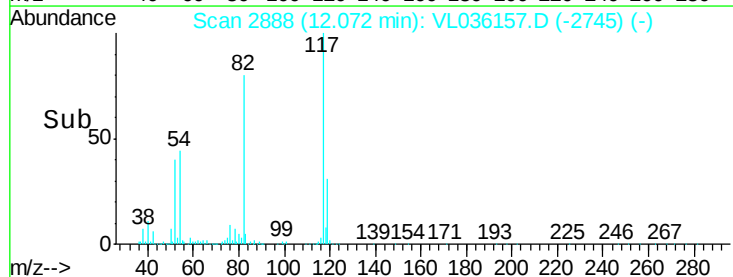
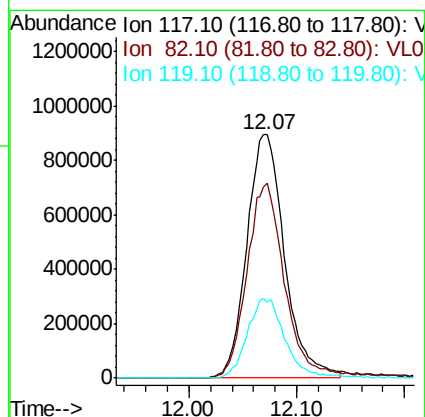
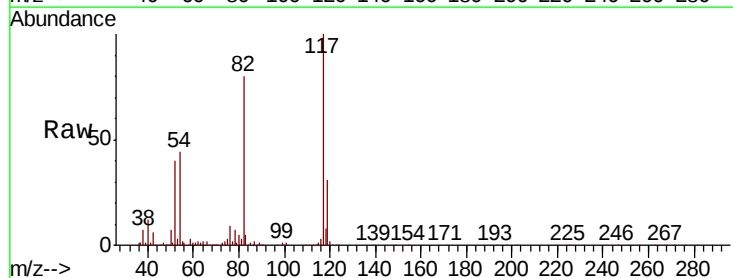
#54
 1,2-Dibromoethane
 Concen: 0.002 ppbv
 RT: 10.58 min Scan# 2424
 Delta R.T. -0.06 min
 Lab File: VL036157.D
 Acq: 11 Dec 2020 9:58

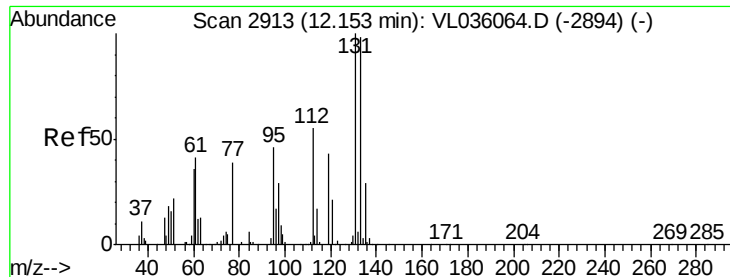
Tot Ion:107 Resp: 280
 Ion Ratio Lower Upper
 107 100
 109 68.7 76.6 115.0#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2888
 Delta R.T. -0.04 min
 Lab File: VL036157.D
 Acq: 11 Dec 2020 9:58

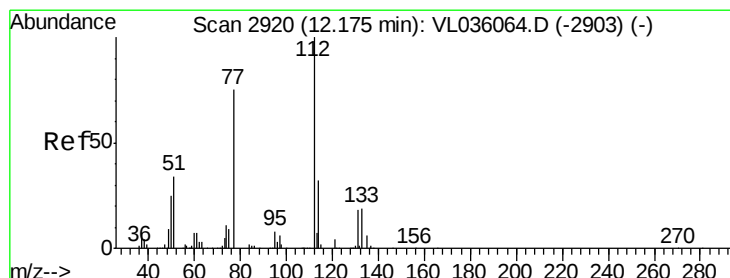
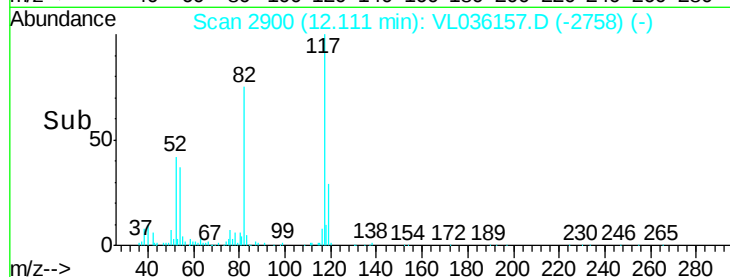
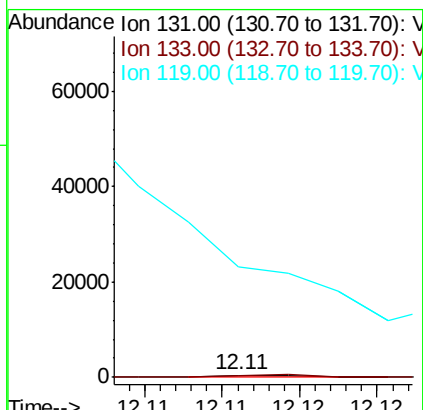
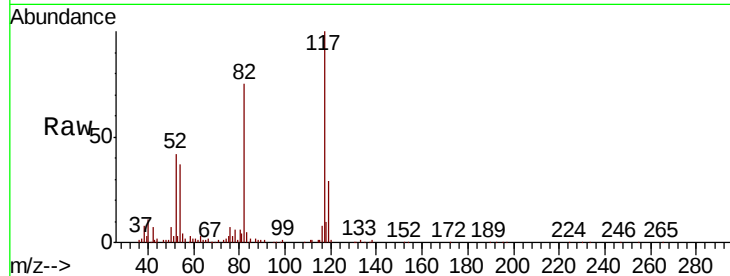
Tgt Ion:117 Resp: 2178060
 Ion Ratio Lower Upper
 117 100
 82 81.0 0.0 0.0#
 119 32.6 0.0 0.0#





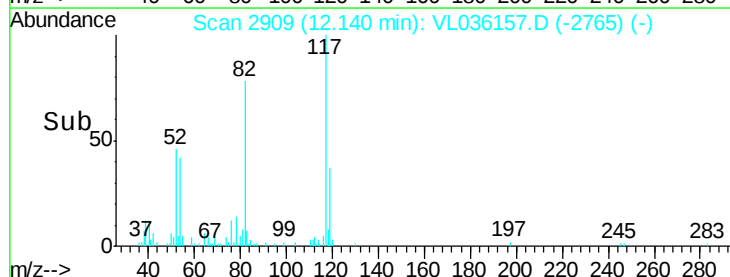
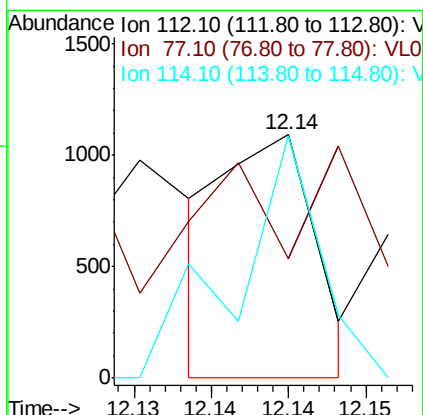
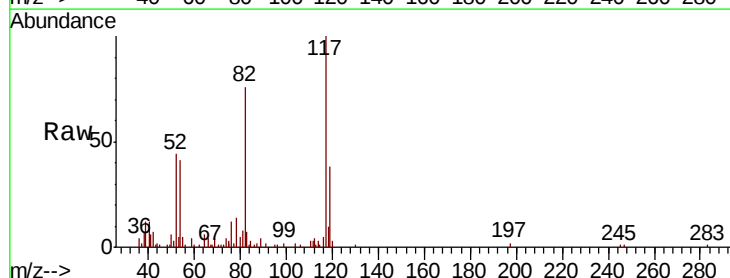
#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.001 ppbv
 RT: 12.11 min Scan# 2900
 Delta R.T. -0.04 min
 Lab File: VL036157.D
 Acq: 11 Dec 2020 9:58

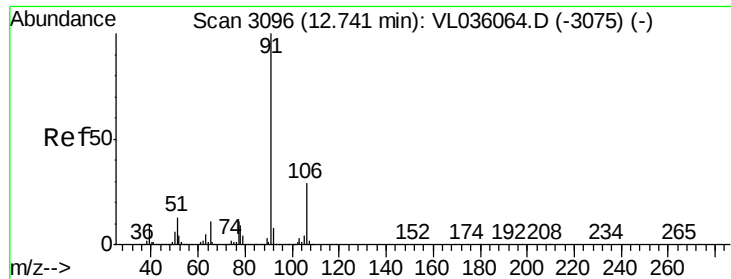
Tot Ion	Ratio	Lower	Upper
131	100		
133	255.2	77.7	116.5#
119	0.0	51.6	77.4#



#57
 Chlorobenzene
 Concen: 0.003 ppbv
 RT: 12.14 min Scan# 2909
 Delta R.T. -0.04 min
 Lab File: VL036157.D
 Acq: 11 Dec 2020 9:58

Tgt Ion	Ratio	Lower	Upper
112	100		
77	0.0	60.5	90.7#
114	96.1	29.2	35.6#





#58

Ethyl Benzene

Concen: 0.107 ppbv m

RT: 12.70 min Scan# 3083

Delta R.T. -0.04 min

Lab File: VL036157.D

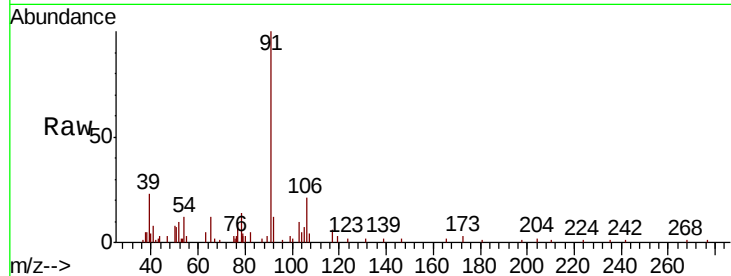
Acq: 11 Dec 2020 9:58

Tot Ion: 91 Resp: 31913

Ion Ratio Lower Upper

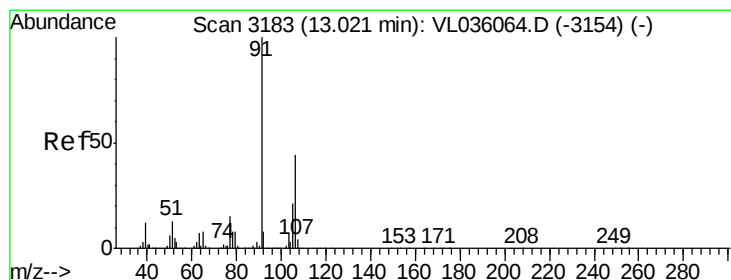
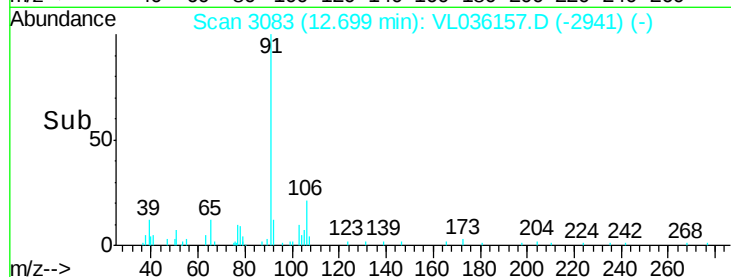
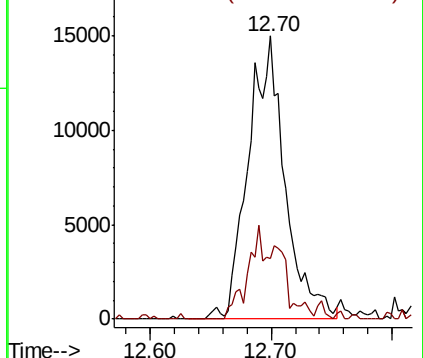
91 100

106 21.3 23.0 34.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.335 ppbv m

RT: 12.96 min Scan# 3163

Delta R.T. -0.06 min

Lab File: VL036157.D

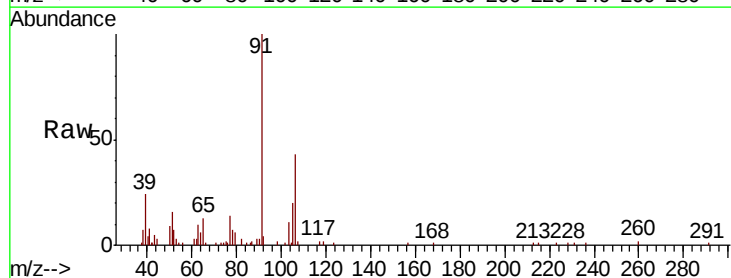
Acq: 11 Dec 2020 9:58

Tgt Ion: 91 Resp: 84121

Ion Ratio Lower Upper

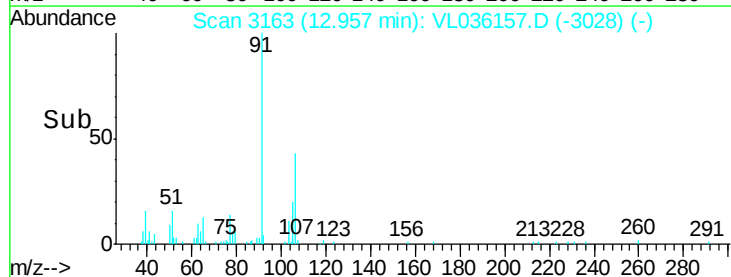
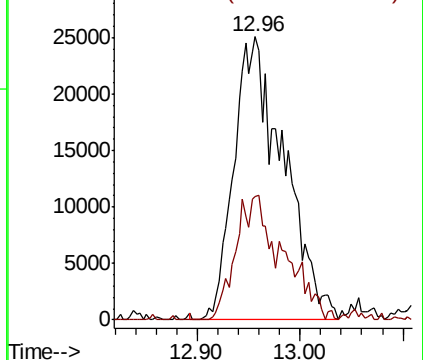
91 100

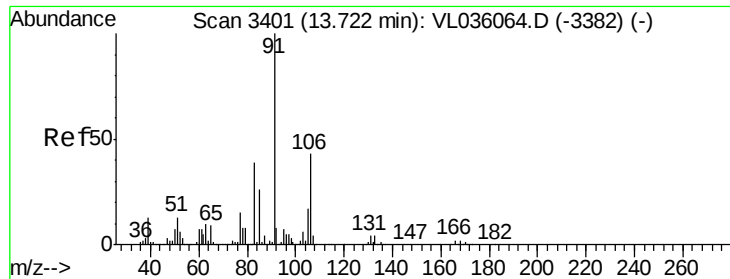
106 0.0 33.6 50.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

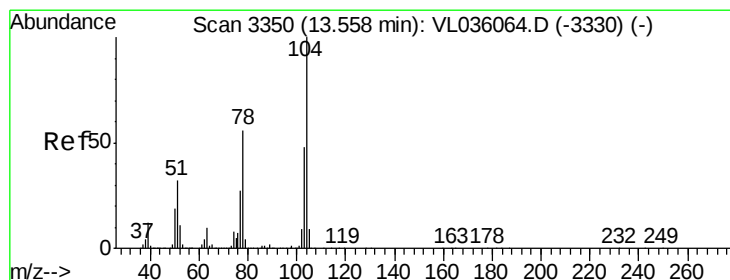
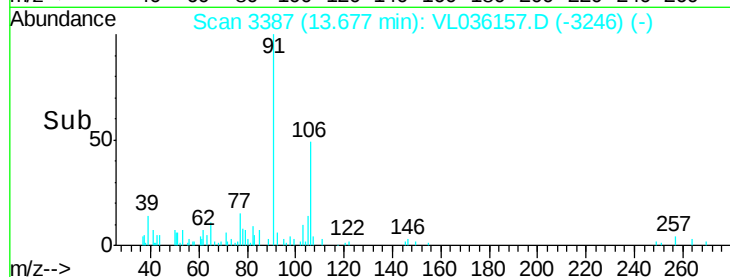
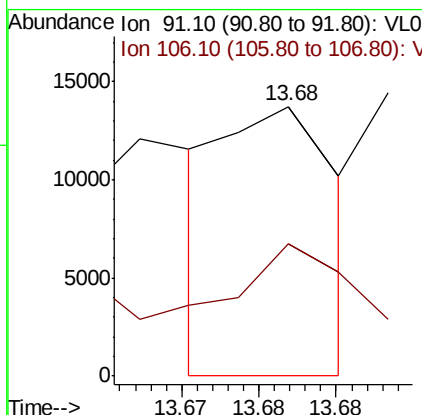
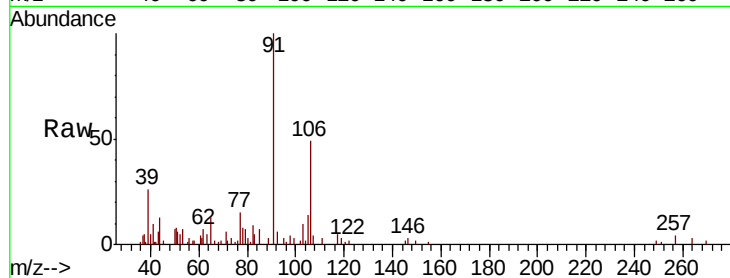
Ion 106.10 (105.80 to 106.80): V





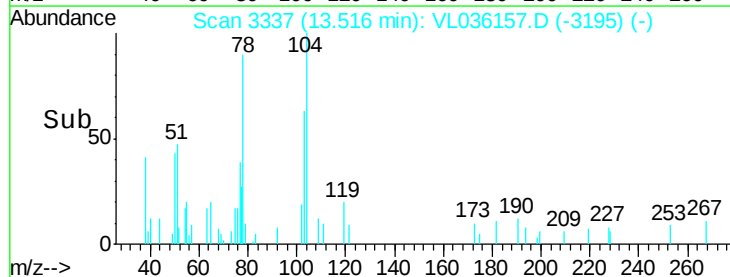
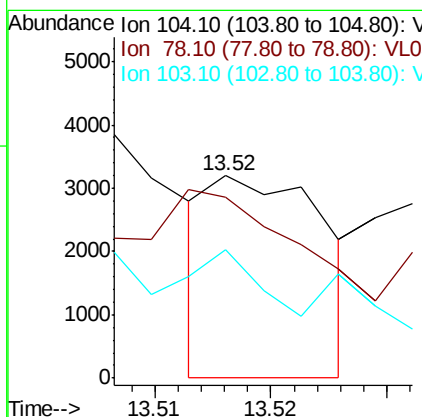
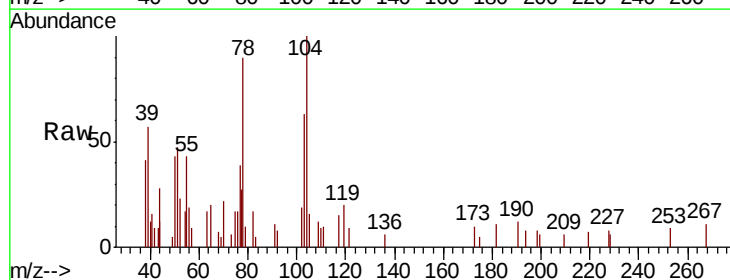
#60
o-Xylene
Concen: 0.030 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.05 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

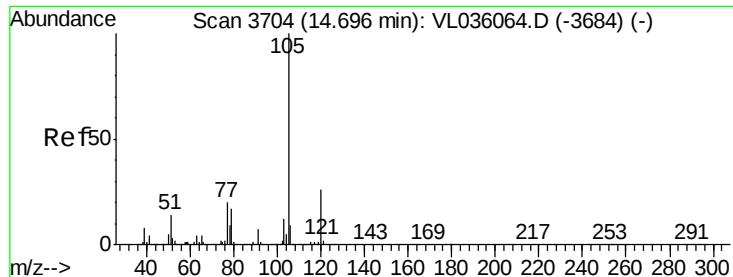
Tot Ion: 91 Resp: 7016
Ion Ratio Lower Upper
91 100
106 181.1 21.6 64.6#



#61
Styrene
Concen: 0.014 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 104 Resp: 2183
Ion Ratio Lower Upper
104 100
78 320.9 45.8 68.8#
103 0.0 38.6 57.8#





#62

Isopropylbenzene

Concen: 0.004 ppbv

RT: 14.65 min Scan# 3689

Delta R.T. -0.05 min

Lab File: VL036157.D

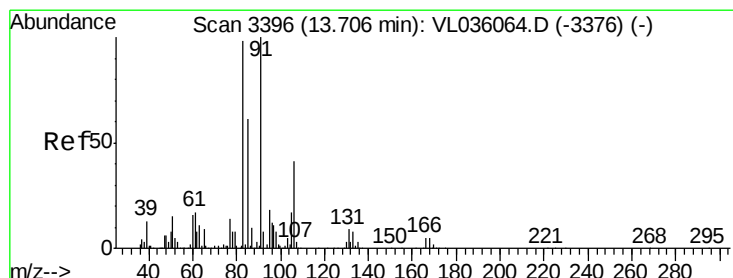
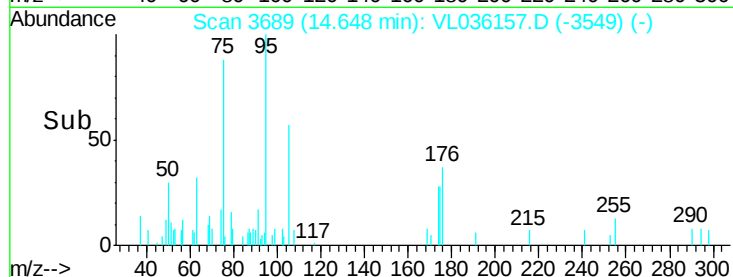
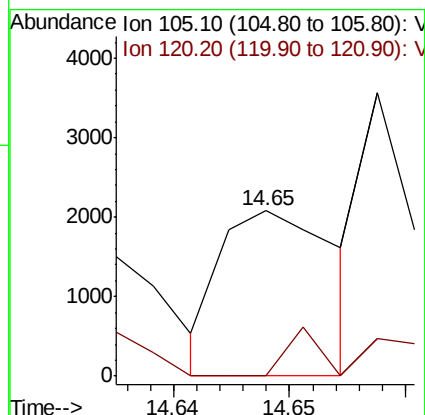
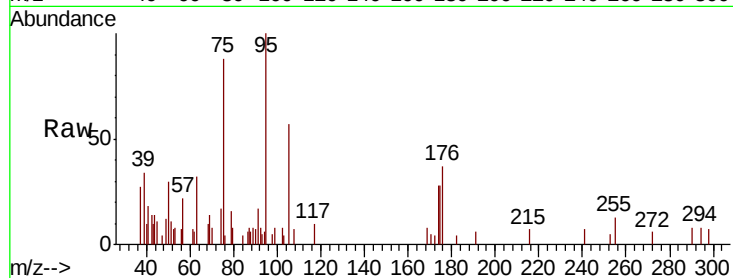
Acq: 11 Dec 2020 9:58

Tot Ion: 105 Resp: 1425

Ion Ratio Lower Upper

105 100

120 0.0 20.1 30.1#



#63

1,1,2,2-Tetrachloroethane

Concen: 0.002 ppbv

RT: 13.66 min Scan# 3381

Delta R.T. -0.05 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

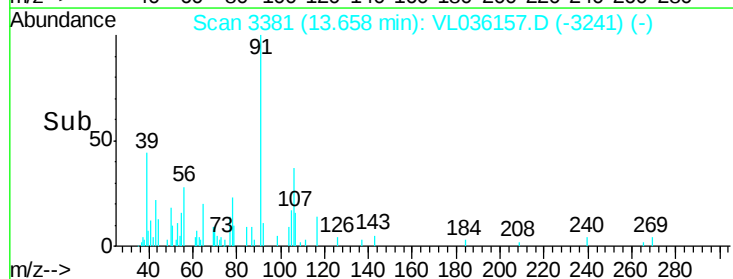
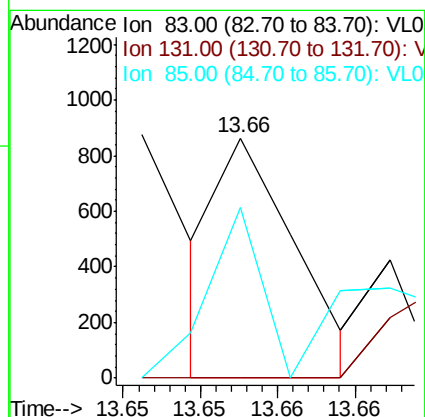
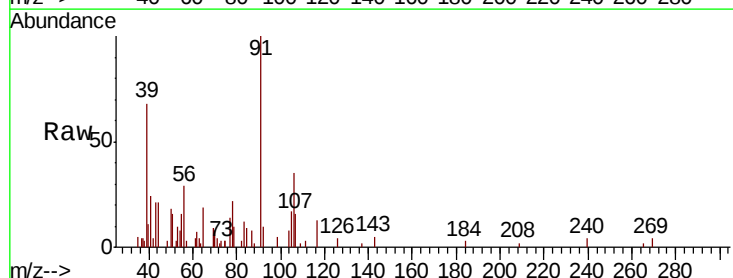
Tgt Ion: 83 Resp: 300

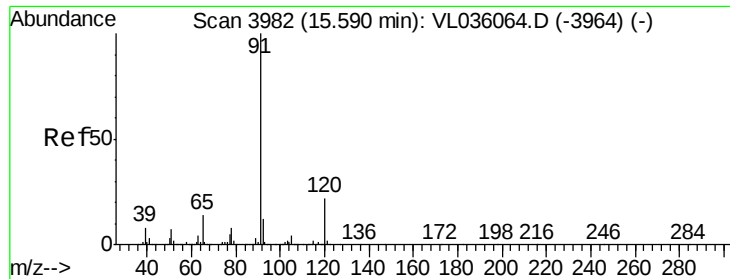
Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

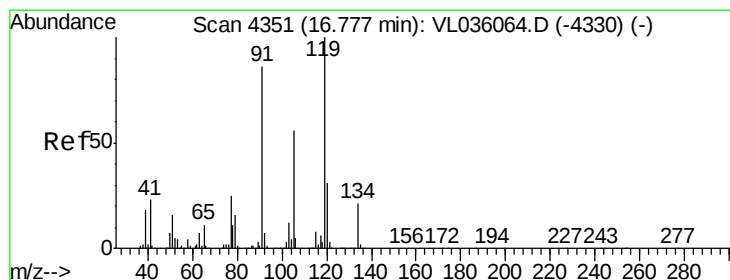
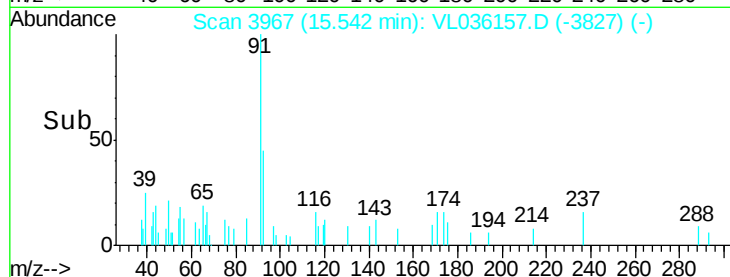
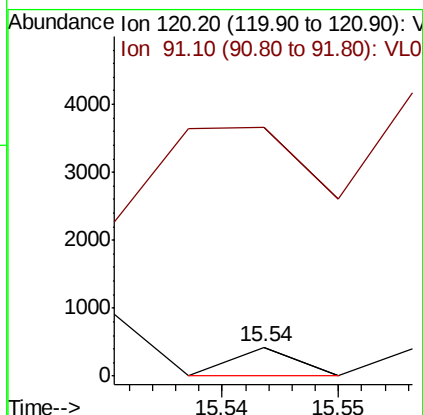
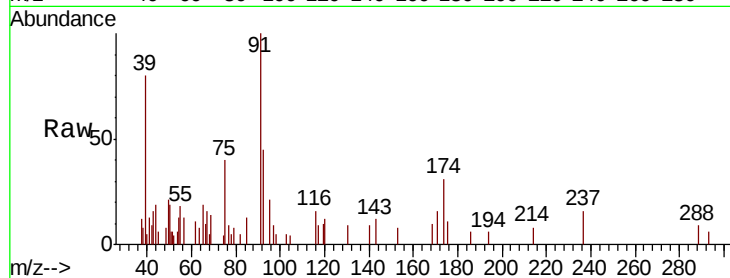
85 0.0 32.5 97.5#





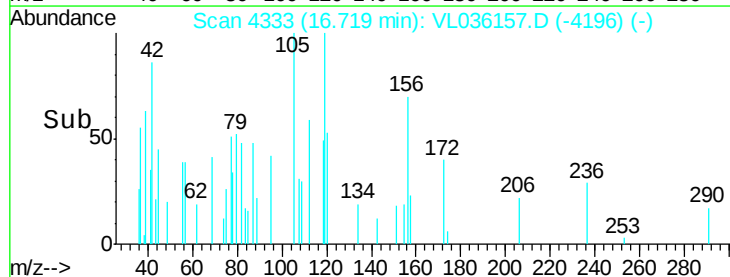
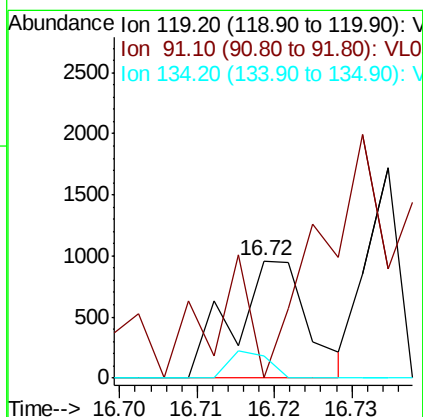
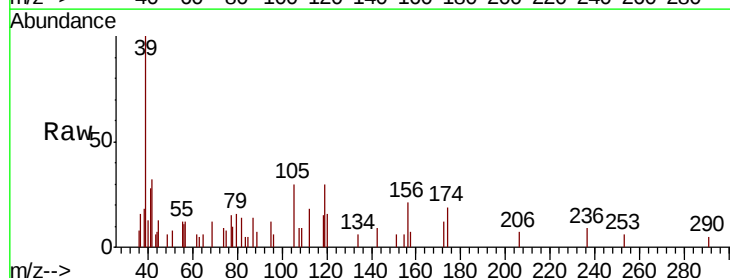
#64
n-propylbenzene
Concen: 0.001 ppbv
RT: 15.54 min Scan# 3967
Delta R.T. -0.05 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

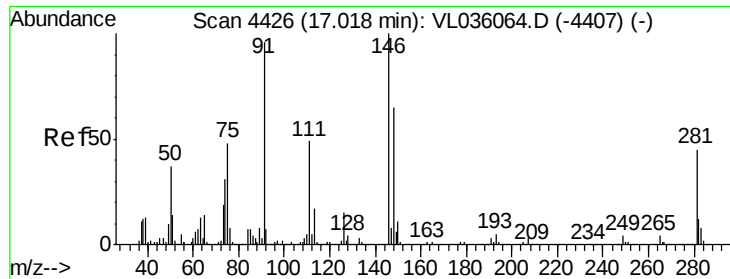
Tot Ion:120 Resp: 82
Ion Ratio Lower Upper
120 100
91 0.0 388.9 583.3#



#65
tert-Butylbenzene
Concen: 0.002 ppbv
RT: 16.72 min Scan# 4333
Delta R.T. -0.06 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

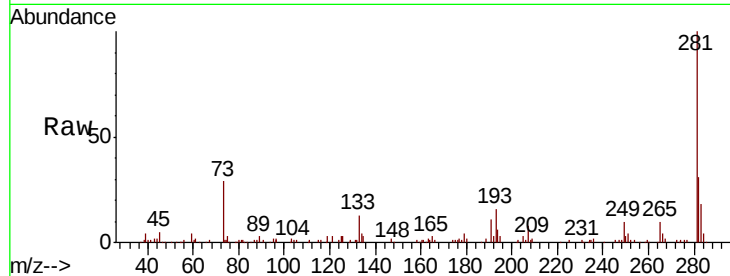
Tgt Ion:119 Resp: 637
Ion Ratio Lower Upper
119 100
91 0.0 70.2 105.2#
134 0.0 15.8 23.6#



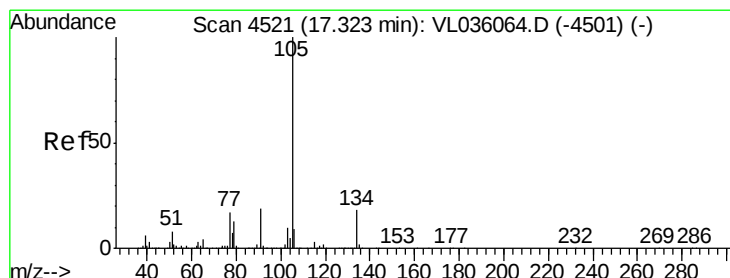
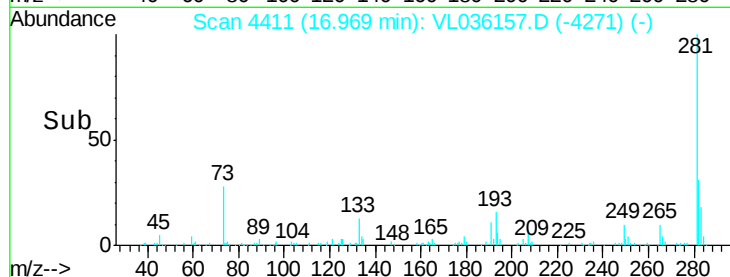
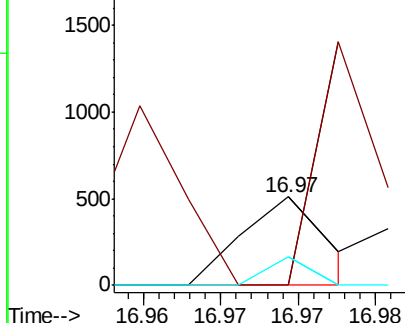


#66
Benzyl Chloride
Concen: 0.003 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.05 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tot Ion: 91 Resp: 190
Ion Ratio Lower Upper
91 100
126 291.6 13.5 20.3#
128 0.0 4.4 6.6#

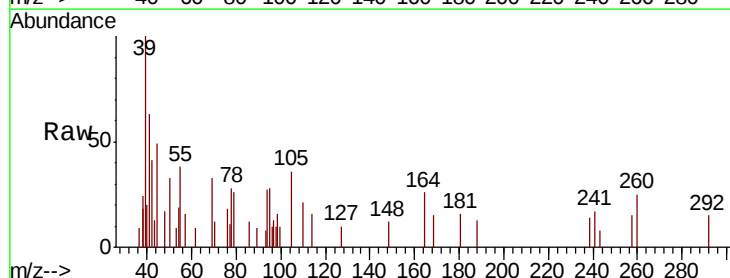


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

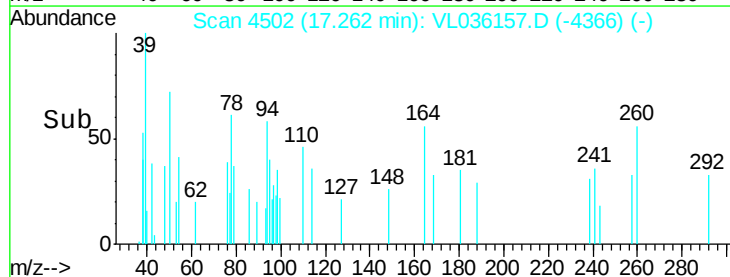
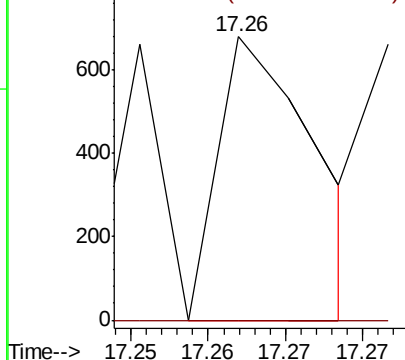


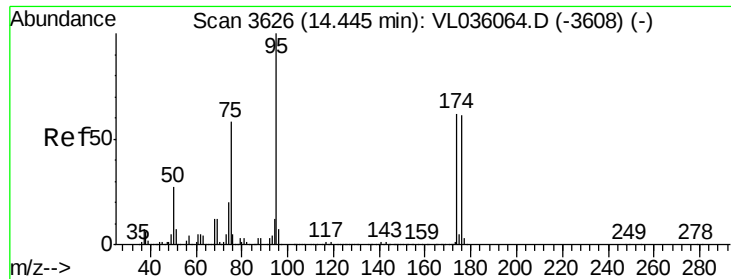
#67
sec-Butylbenzene
Concen: 0.001 ppbv
RT: 17.26 min Scan# 4502
Delta R.T. -0.06 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 105 Resp: 296
Ion Ratio Lower Upper
105 100
134 0.0 14.2 21.4#



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: 10.724 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.05 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

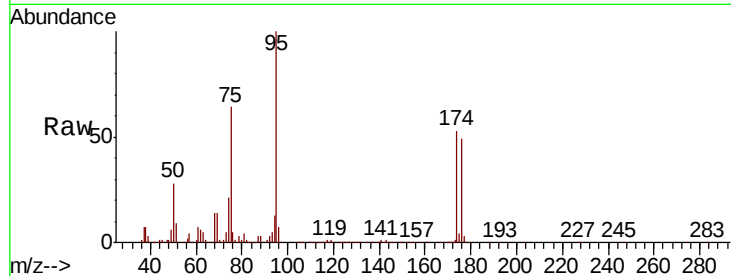
Tot Ion: 95 Resp: 1854678

Ion Ratio Lower Upper

95 100

174 56.0 50.7 76.1

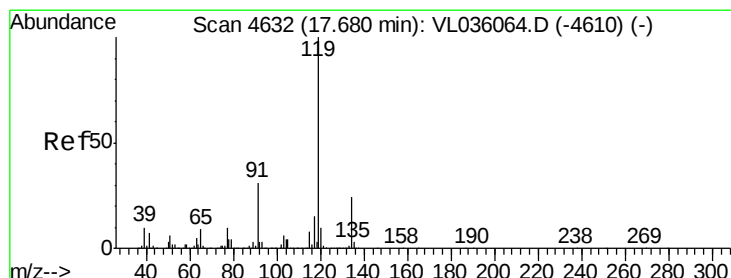
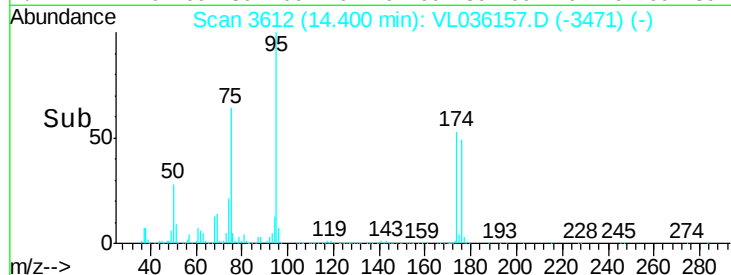
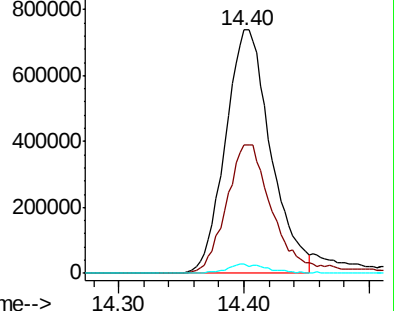
175 3.8 4.0 6.0#



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: 0.001 ppbv

RT: 17.63 min Scan# 4615

Delta R.T. -0.05 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

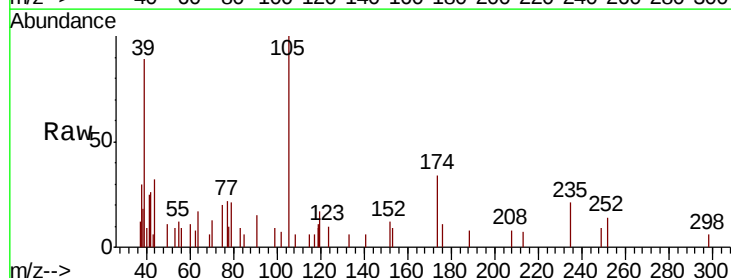
Tgt Ion: 119 Resp: 271

Ion Ratio Lower Upper

119 100

134 0.0 19.8 29.6#

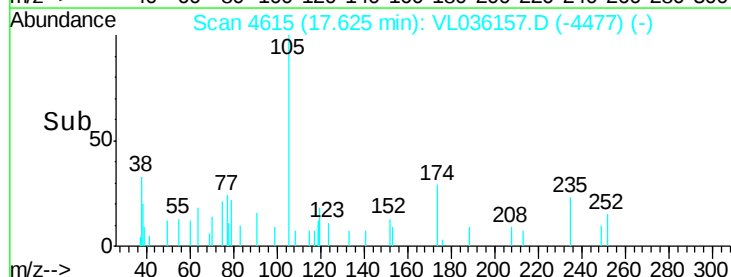
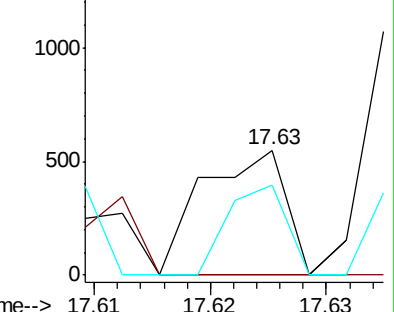
91 0.0 25.8 38.6#

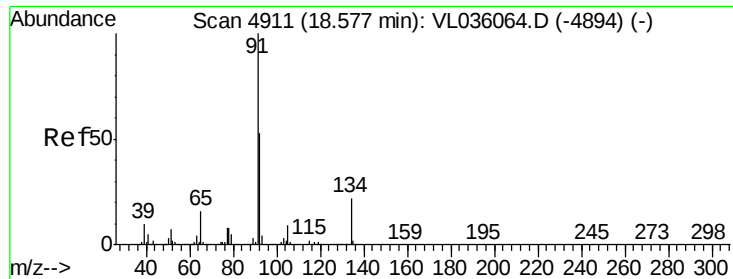


Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

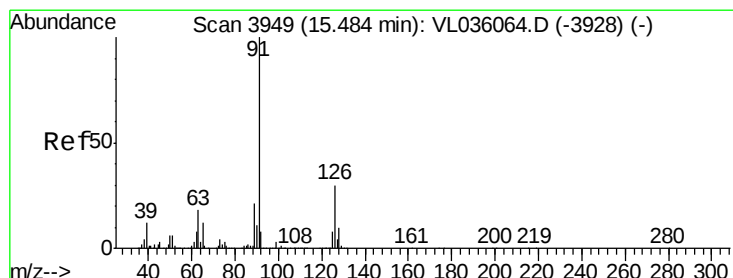
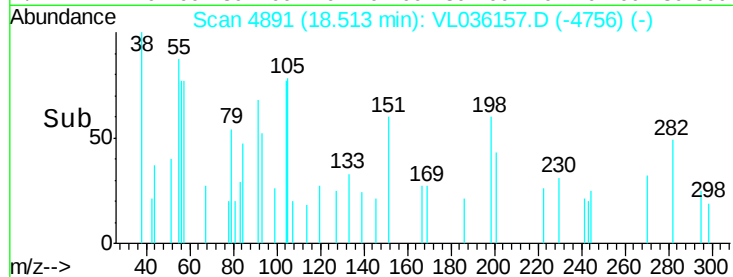
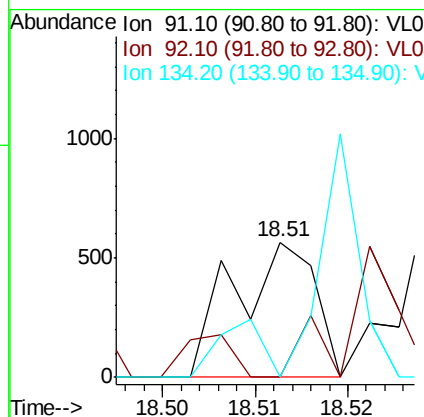
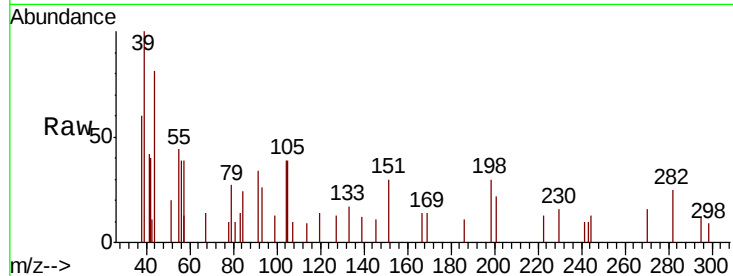
Ion 91.10 (90.80 to 91.80): VL0





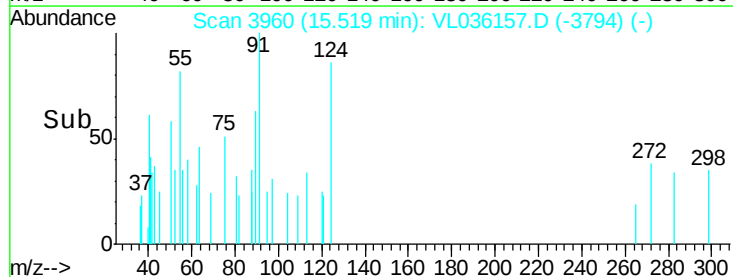
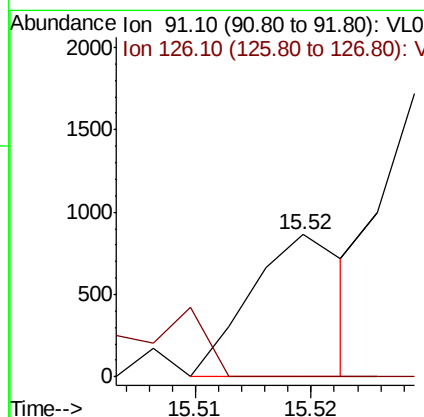
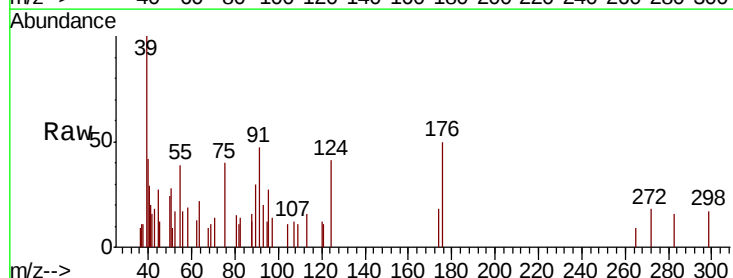
#70
n-Butylbenzene
Concen: 0.001 ppbv
RT: 18.51 min Scan# 4891
Delta R.T. -0.06 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

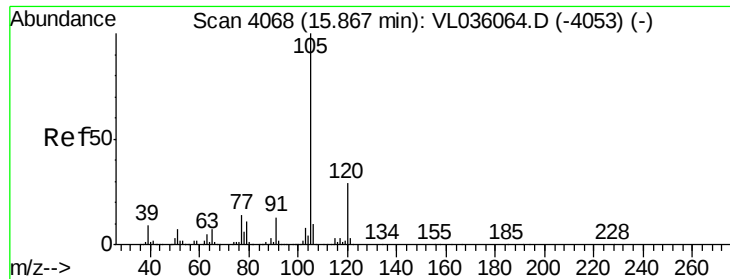
Tot Ion: 91 Resp: 340
Ion Ratio Lower Upper
91 100
92 0.0 43.3 64.9#
134 210.3 17.1 25.7#



#71
2-Chlorotoluene
Concen: 0.002 ppbv
RT: 15.52 min Scan# 3960
Delta R.T. 0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

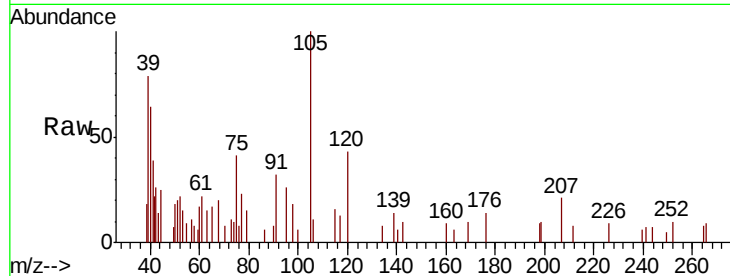
Tgt Ion: 91 Resp: 493
Ion Ratio Lower Upper
91 100
126 34.5 11.6 46.4



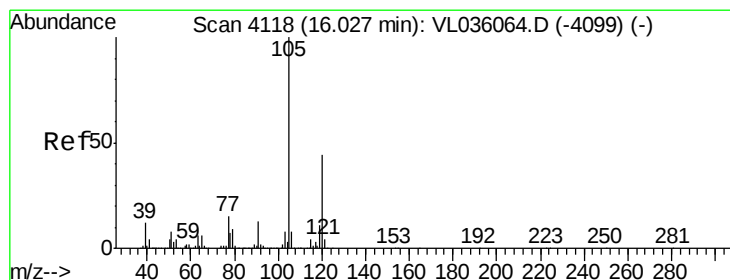
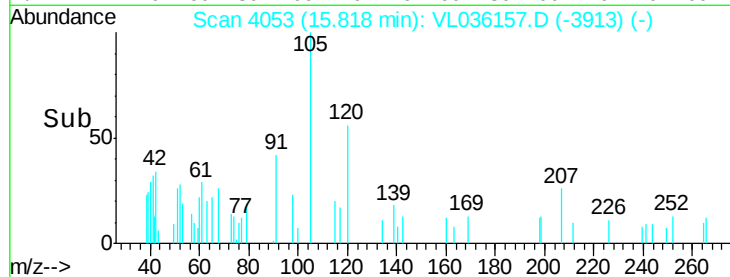
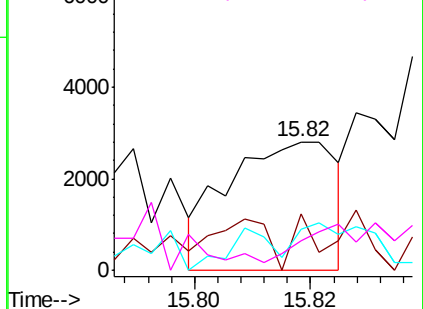


#72
4-Ethyltoluene
Concen: 0.014 ppbv
RT: 15.82 min Scan# 4053
Delta R.T. -0.05 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tot Ion:	105	Resp:	3656
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.6	35.4#
91	0.0	11.4	17.0#
77	0.0	12.1	18.1#

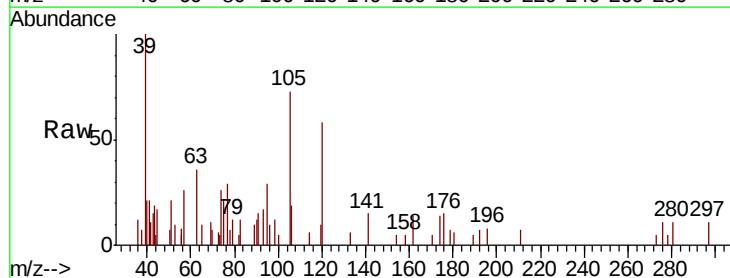


Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 77.10 (76.80 to 77.80): VL0

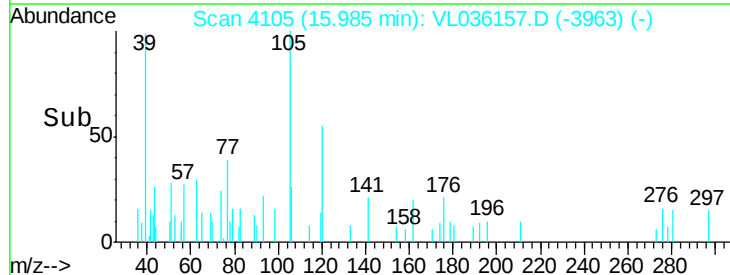
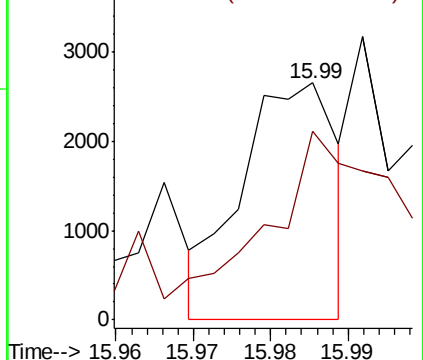


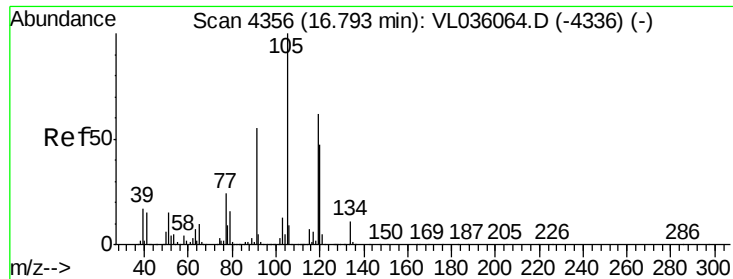
#73
1,3,5-Trimethylbenzene
Concen: 0.009 ppbv
RT: 15.99 min Scan# 4105
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion:	105	Resp:	2276
Ion	Ratio	Lower	Upper
105	100		
120	87.6	35.4	53.2#



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: 0.028 ppbv

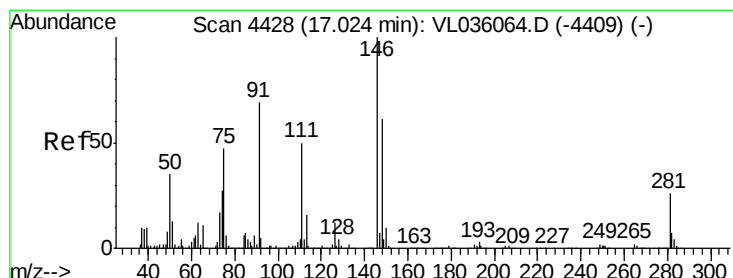
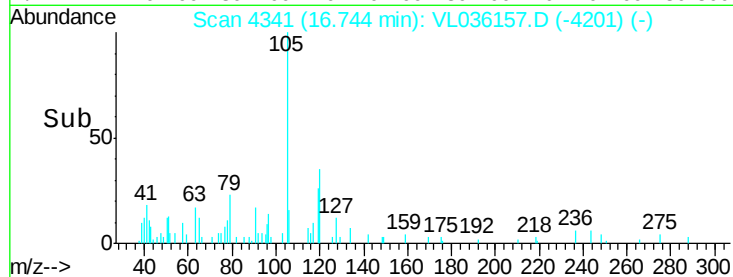
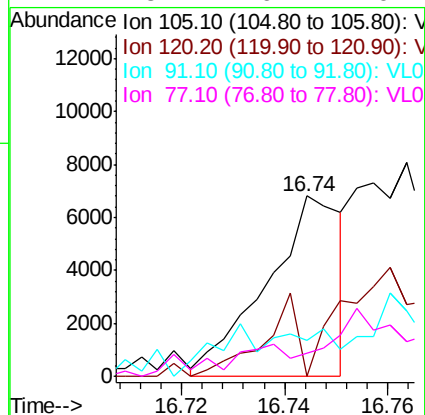
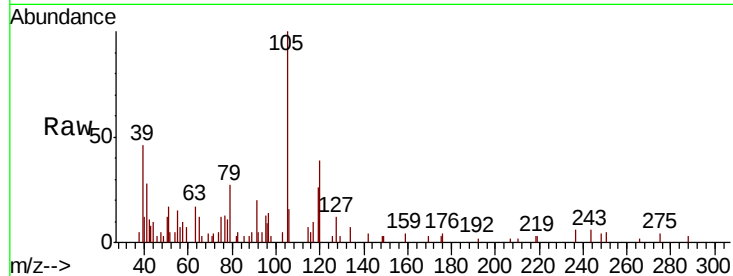
RT: 16.74 min Scan# 4341

Delta R.T. -0.05 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

Tot Ion:	105	Resp:	6841
Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.4	56.0#
91	12.1	45.6	68.4#
77	5.4	19.4	29.2#



#75

1,3-Dichlorobenzene

Concen: 0.003 ppbv

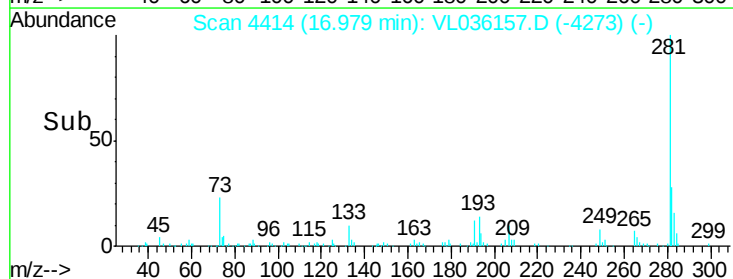
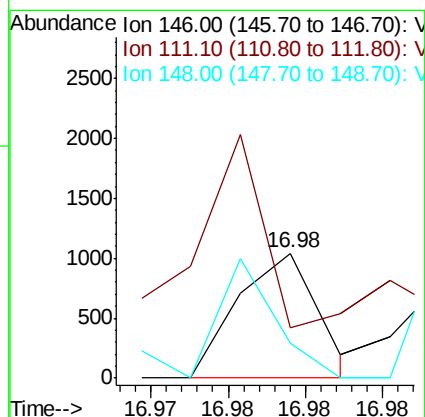
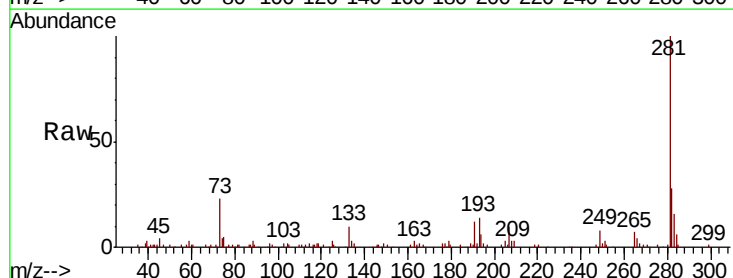
RT: 16.98 min Scan# 4414

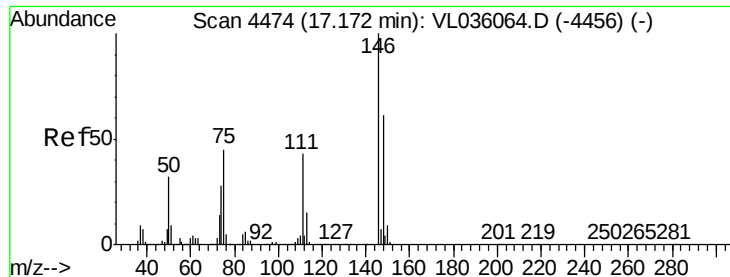
Delta R.T. -0.05 min

Lab File: VL036157.D

Acq: 11 Dec 2020 9:58

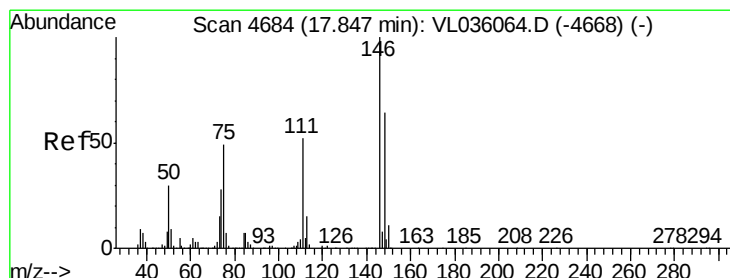
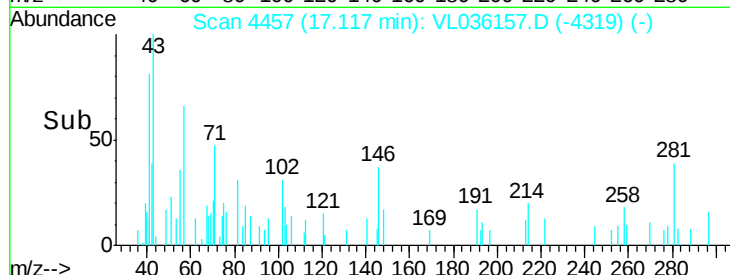
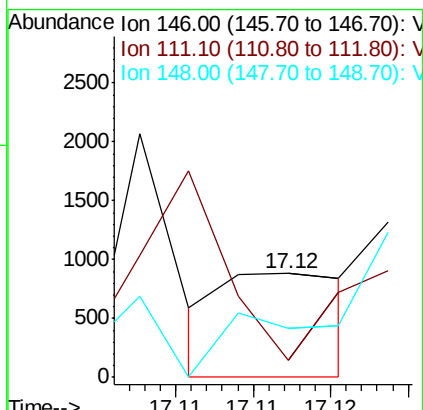
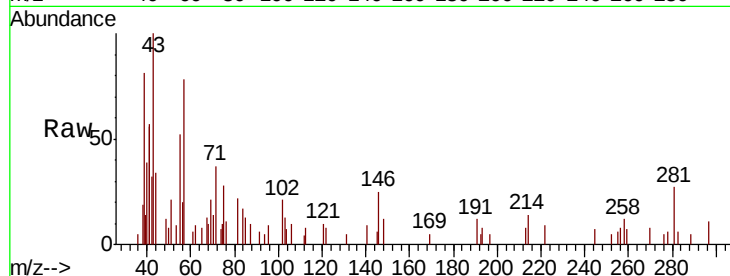
Tgt Ion:	146	Resp:	375
Ion	Ratio	Lower	Upper
146	100		
111	768.3	25.1	75.3#
148	0.0	32.9	98.6#





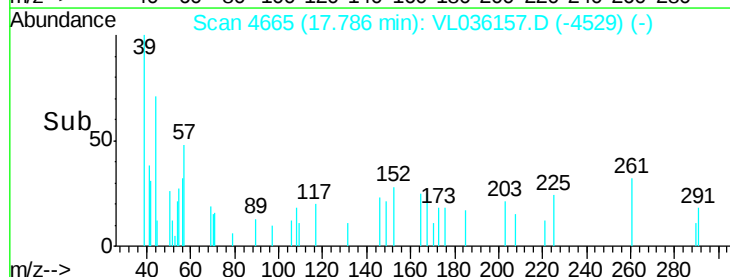
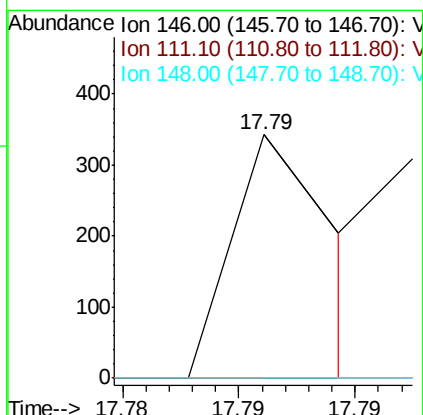
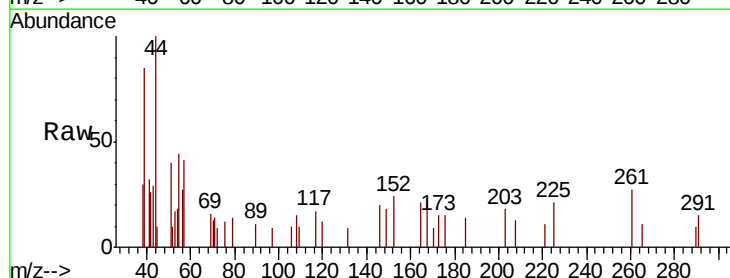
#76
 1,4-Dichlorobenzene
 Concen: 0.004 ppbv
 RT: 17.12 min Scan# 4457
 Delta R.T. -0.05 min
 Lab File: VL036157.D
 Acq: 11 Dec 2020 9:58

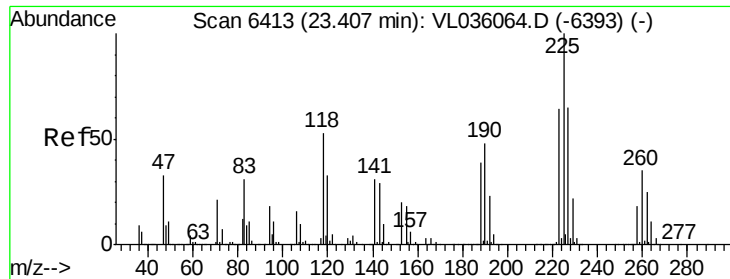
Tot Ion:146 Resp: 500
 Ion Ratio Lower Upper
 146 100
 111 0.0 24.3 72.8#
 148 0.0 32.8 98.3#



#77
 1,2-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.79 min Scan# 4665
 Delta R.T. -0.06 min
 Lab File: VL036157.D
 Acq: 11 Dec 2020 9:58

Tgt Ion:146 Resp: 105
 Ion Ratio Lower Upper
 146 100
 111 0.0 26.1 78.2#
 148 0.0 33.1 99.5#

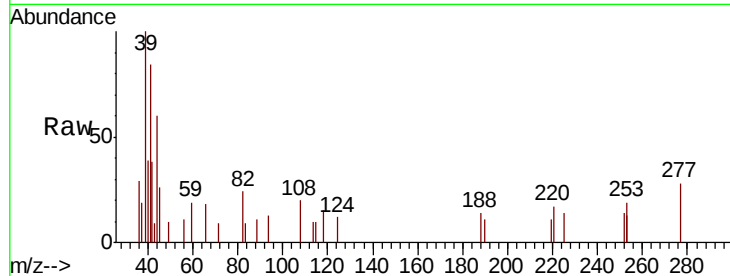




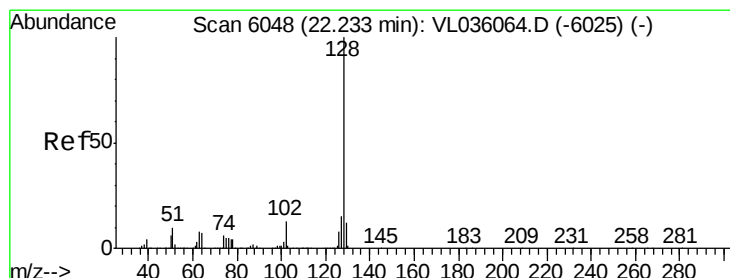
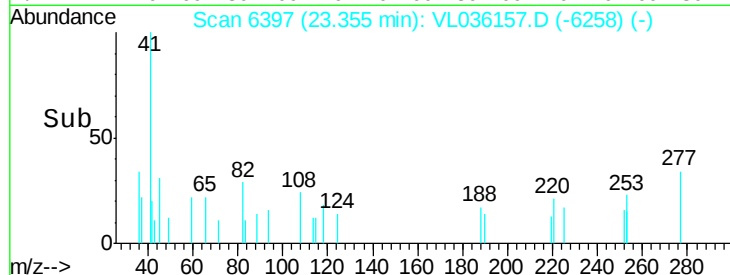
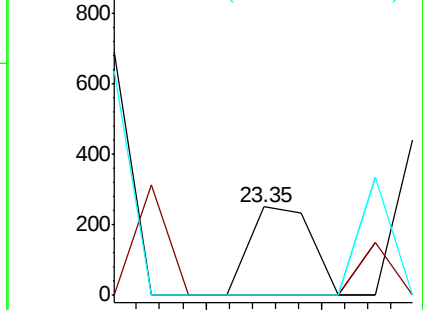
#78

Hexachloro-1,3-Butadiene
Concen: 0.001 ppbv
RT: 23.35 min Scan# 6397
Delta R.T. -0.05 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tot Ion	Ratio	Lower	Upper
225	100		
223	65.6	51.1	76.7
227	0.0	51.7	77.5#



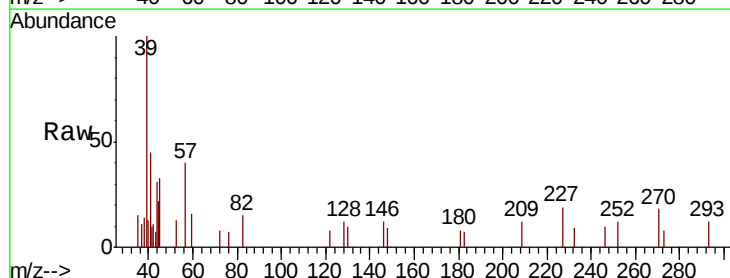
Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V



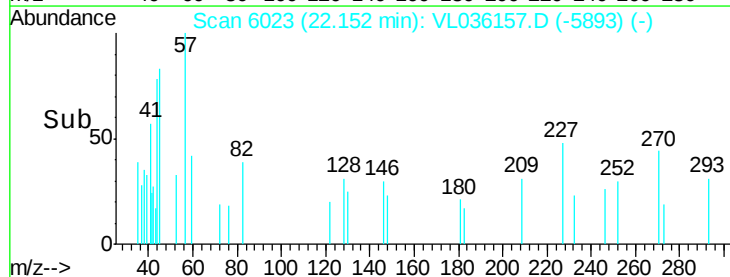
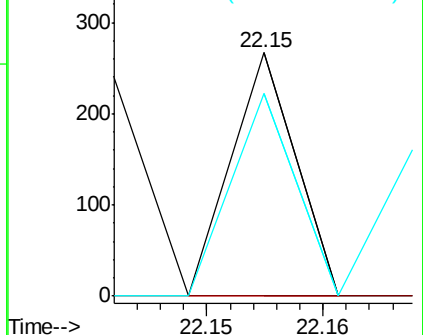
#79

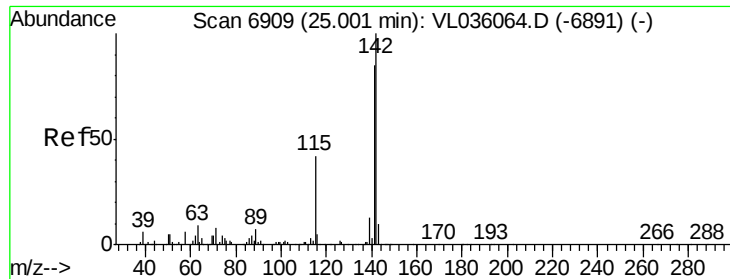
Naphthalene
Concen: 0.000 ppbv
RT: 22.15 min Scan# 6023
Delta R.T. -0.08 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.7	17.5#
129	83.1	9.3	13.9#



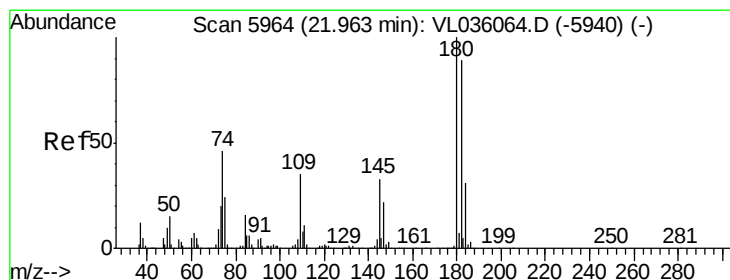
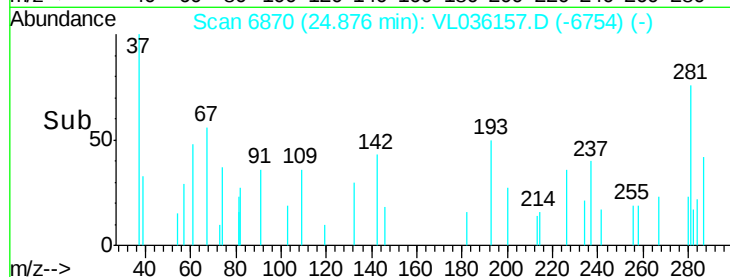
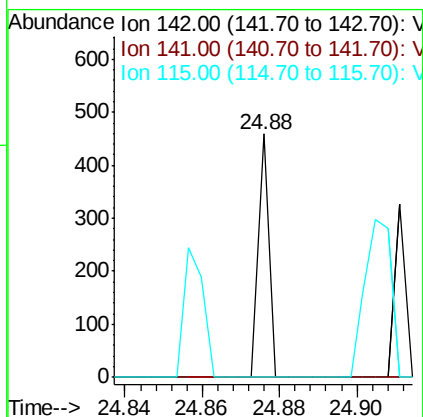
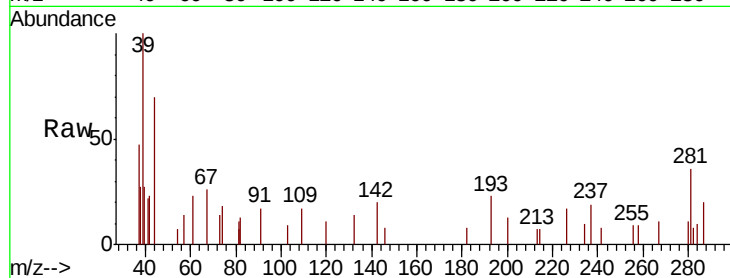
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V





#80
Naphthalene, 2-methyl-
Concen: 0.003 ppbv
RT: 24.88 min Scan# 6870
Delta R.T. -0.13 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tot Ion	Ratio	Lower	Upper
142	100		
141	0.0	64.3	96.5#
115	93.3	33.9	50.9#



#81
1,2,4-Trichlorobenzene
Concen: 0.004 ppbv
RT: 21.93 min Scan# 5954
Delta R.T. -0.03 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	219.4	0.0	0.0#
184	98.1	0.0	0.0#

