

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036156.D
 Acq On : 11 Dec 2020 9:17
 Operator : SY/AP
 Sample : L4930-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 14 21:59:03 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	1302739	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2515473	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2222882	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1981287	11.23	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.03	85	43024	0.283 ppbv	94
3) Chlorodifluoromethane	2.97	51	58049	0.391 ppbv	97
4) Chloromethane	3.12	50	43314m	0.594 ppbv	
5) Vinyl Chloride	3.24	62	356	0.004 ppbv #	44
6) Bromomethane	3.46	94	589	0.014 ppbv #	34
7) Chloroethane	3.54	64	56	0.002 ppbv #	40
8) Dichlorotetrafluoroethane	3.18	85	1592	0.009 ppbv #	65
9) Propene	3.00	41	74216	0.997 ppbv	85
11) Trichlorofluoromethane	3.93	101	41563m	0.233 ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1670	0.014 ppbv #	1
13) Ethanol	3.59	45	310043m	30.205 ppbv	
14) Bromoethene	3.74	108	176	0.004 ppbv #	1
15) Acetone	3.84	43	610212	3.897 ppbv	94
17) tert-Butyl alcohol	4.28	59	61	0.000 ppbv #	71
18) 1,1-Dichloroethene	4.28	96	333	0.006 ppbv #	1
19) Isopropyl Alcohol	3.97	45	51985m	0.543 ppbv	
20) Methylene Chloride	4.33	84	102734m	1.601 ppbv	
21) Allyl Chloride	4.39	41	583	0.006 ppbv #	18
22) trans-1,2-Dichloroethene	4.87	96	379	0.007 ppbv #	34
23) Vinyl Acetate	5.05	43	3745	0.018 ppbv #	51
24) 1,1-Dichloroethane	4.99	63	147	0.001 ppbv #	88
26) Hexane	5.67	57	108446m	0.770 ppbv	
27) Carbon Disulfide	4.53	76	365	0.003 ppbv #	1
28) Methyl tert-Butyl Ether	5.02	73	314	0.002 ppbv #	51
29) Chloroform	5.74	83	1382	0.007 ppbv	96
30) Cyclohexane	7.10	84	2736	0.026 ppbv #	1
31) cis-1,2-Dichloroethene	5.53	61	213	0.002 ppbv #	27
32) 1,1,1-Trichloroethane	6.50	97	594	0.003 ppbv #	42
34) 2-Butanone	5.24	43	84879m	0.509 ppbv	
35) Carbon Tetrachloride	6.99	117	2943	0.020 ppbv #	81
36) Benzene	6.87	78	59852m	0.281 ppbv	
37) 1,2-Dichloroethane	6.30	62	1309	0.011 ppbv #	51
38) Trichloroethene	7.82	130	361	0.005 ppbv #	22
40) 1,4-Dioxane	7.82	88	239	0.009 ppbv #	1
41) Tetrahydrofuran	6.03	42	731	0.007 ppbv #	40
42) Bromodichloromethane	7.77	83	1184	0.007 ppbv #	49
43) Methyl Methacrylate	7.98	69	449	0.005 ppbv #	1
44) 2,2,4-Trimethylpentane	7.85	57	89755m	0.232 ppbv	
45) t-1,3-Dichloropropene	9.32	75	96	0.001 ppbv #	42
46) cis-1,3-Dichloropropene	8.67	75	134	0.001 ppbv #	20
47) 1,1,2-Trichloroethane	9.46	97	729	0.009 ppbv #	56

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

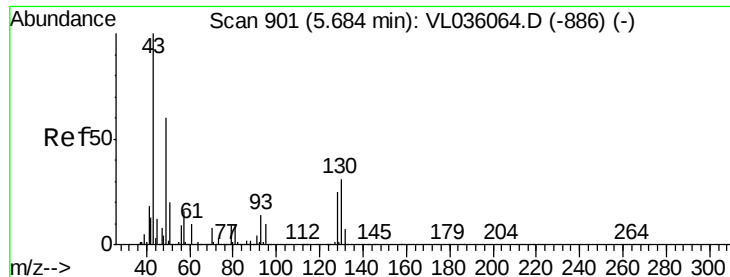
QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

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

48) Dibromochloromethane	10.36	129	211	0.002	ppbv	72
49) Bromoform	13.03	173	80	0.001	ppbv #	1
50) 4-Methyl-2-Pentanone	8.72	43	909	0.004	ppbv #	40
51) 2-Hexanone	10.10	43	2021	0.010	ppbv #	29
52) Tetrachloroethene	11.18	164	168	0.002	ppbv #	24
53) Toluene	9.79	91	552493	2.308	ppbv	98
54) 1,2-Dibromoethane	10.62	107	113	0.001	ppbv	89
56) 1,1,1,2-Tetrachloroethane	12.11	131	66	0.001	ppbv #	8
57) Chlorobenzene	12.14	112	715	0.005	ppbv #	16
58) Ethyl Benzene	12.70	91	56562m	0.186	ppbv	
59) m/p-Xylene	12.95	91	183343m	0.715	ppbv	
60) o-Xylene	13.68	91	60596m	0.251	ppbv	
61) Styrene	13.50	104	1794	0.012	ppbv #	1
62) Isopropylbenzene	14.64	105	1915	0.005	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	13.66	83	535	0.003	ppbv #	18
64) n-propylbenzene	15.54	120	501	0.006	ppbv #	1
65) tert-Butylbenzene	16.72	119	437	0.001	ppbv #	15
66) Benzyl Chloride	16.95	91	354	0.005	ppbv #	66
67) sec-Butylbenzene	17.34	105	495	0.001	ppbv	93
69) p-Isopropyltoluene	17.61	119	304	0.001	ppbv #	1
70) n-Butylbenzene	18.50	91	325	0.001	ppbv #	33
71) 2-Chlorotoluene	15.58	91	810	0.003	ppbv	90
72) 4-Ethyltoluene	15.82	105	1937	0.007	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.98	105	4144	0.017	ppbv #	61
74) 1,2,4-Trimethylbenzene	16.72	105	841	0.003	ppbv #	69
75) 1,3-Dichlorobenzene	16.96	146	86	0.001	ppbv #	1
76) 1,4-Dichlorobenzene	17.11	146	451	0.004	ppbv #	22
77) 1,2-Dichlorobenzene	17.80	146	523	0.004	ppbv #	60
78) Hexachloro-1,3-Butadiene	23.35	225	65	0.001	ppbv #	1
79) Naphthalene	22.17	128	290	0.002	ppbv #	67
80) Naphthalene,2-methyl-	24.95	142	67	0.002	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.91	180	37	0.000	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.04 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

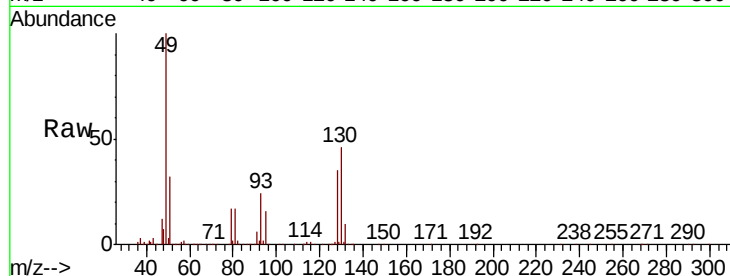
Tot Ion: 49 Resp: 1302739

Ion Ratio Lower Upper

49 100

128 34.1 21.1 63.1

130 44.8 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

5.65

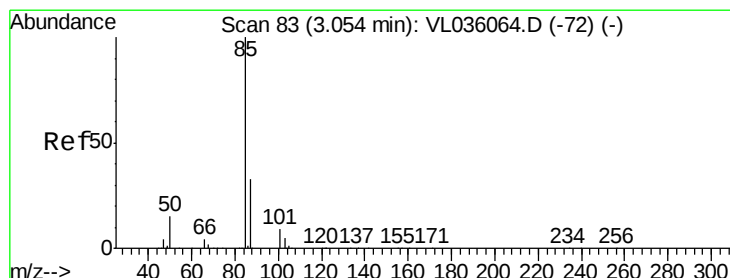
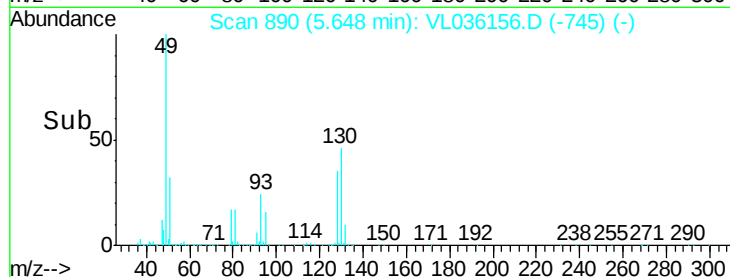
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.283 ppbv

RT: 3.03 min Scan# 75

Delta R.T. -0.03 min

Lab File: VL036156.D

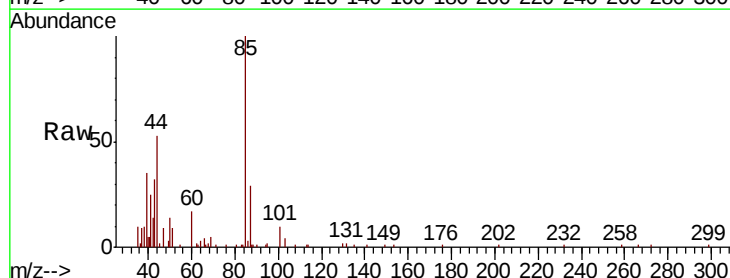
Acq: 11 Dec 2020 9:17

Tgt Ion: 85 Resp: 43024

Ion Ratio Lower Upper

85 100

87 29.4 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.03

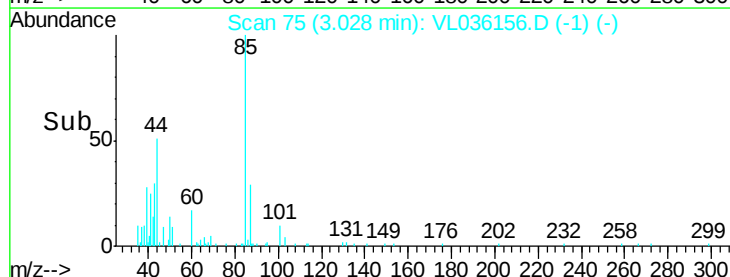
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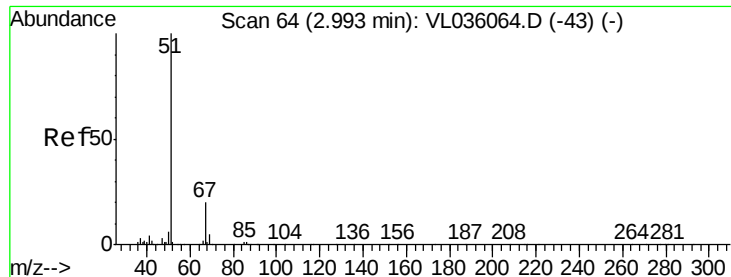
20000

10000

0

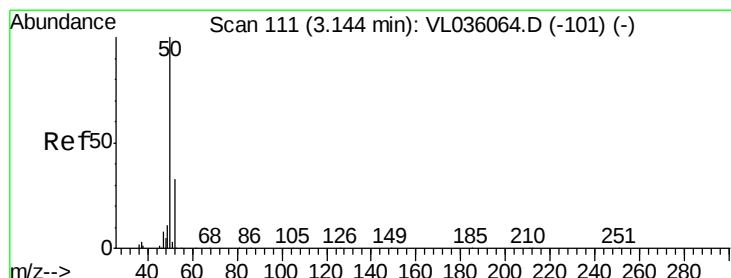
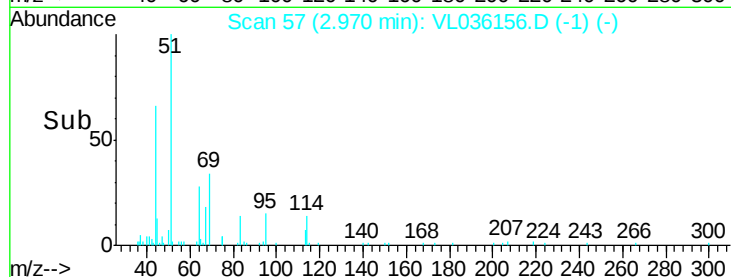
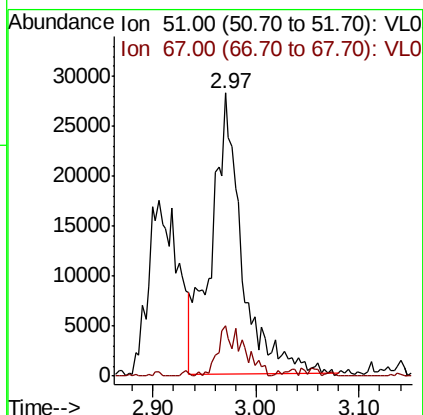
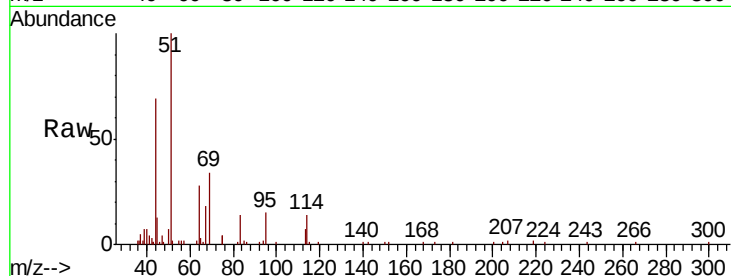
Time-->





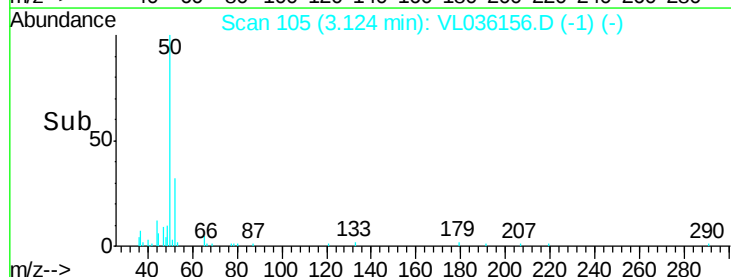
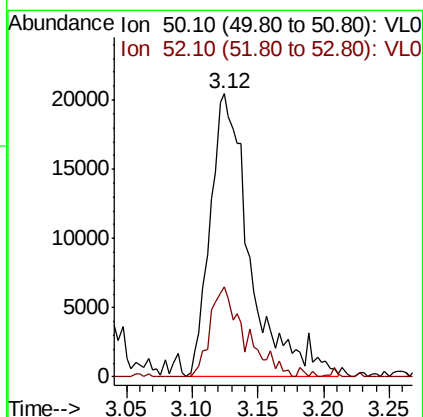
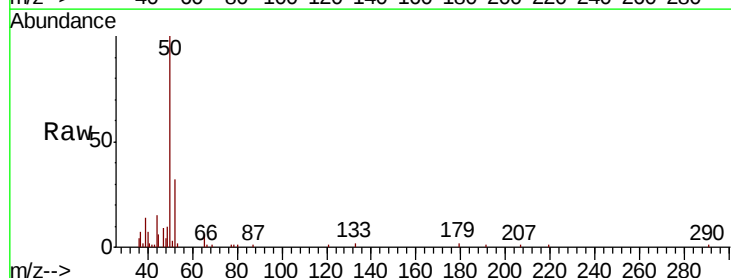
#3
 Chlorodifluoromethane
 Concen: 0.391 ppbv
 RT: 2.97 min Scan# 57
 Delta R.T. -0.02 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

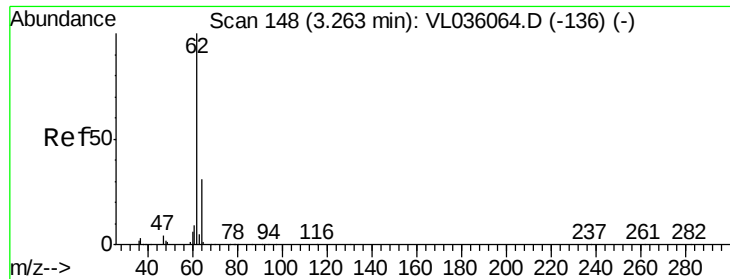
Tot Ion: 51 Resp: 58049
 Ion Ratio Lower Upper
 51 100
 67 16.5 14.3 21.5



#4
 Chloromethane
 Concen: 0.594 ppbv m
 RT: 3.12 min Scan# 105
 Delta R.T. -0.02 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

Tgt Ion: 50 Resp: 43314
 Ion Ratio Lower Upper
 50 100
 52 31.9 26.1 39.1





#5

Vinyl Chloride

Concen: 0.004 ppbv

RT: 3.24 min Scan# 140

Delta R.T. -0.03 min

Lab File: VL036156.D

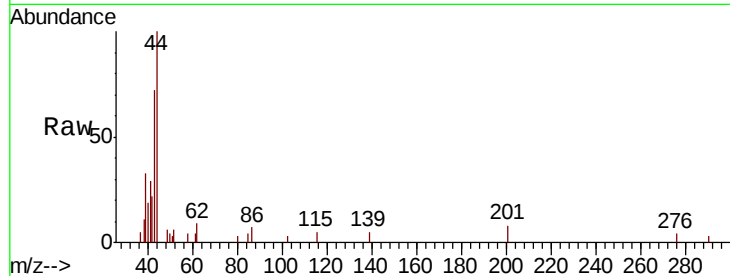
Acq: 11 Dec 2020 9:17

Tot Ion: 62 Resp: 356

Ion Ratio Lower Upper

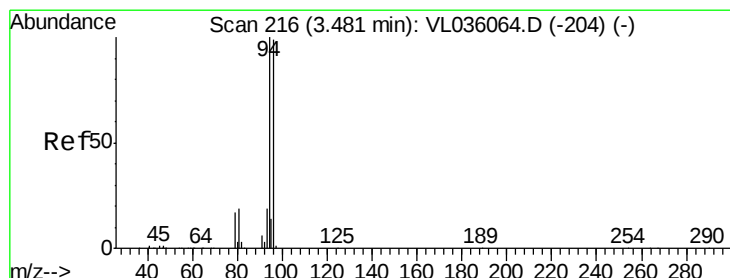
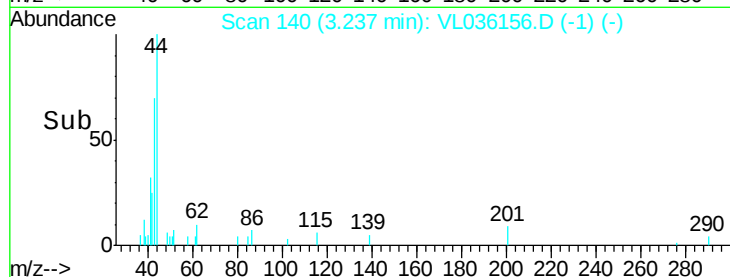
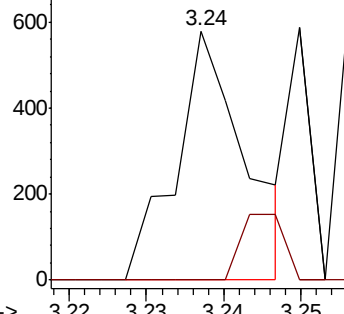
62 100

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: 0.014 ppbv

RT: 3.46 min Scan# 208

Delta R.T. -0.03 min

Lab File: VL036156.D

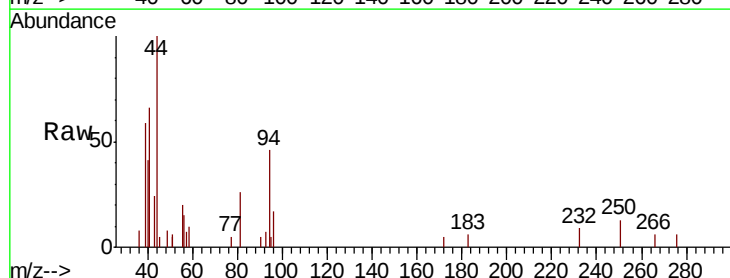
Acq: 11 Dec 2020 9:17

Tgt Ion: 94 Resp: 589

Ion Ratio Lower Upper

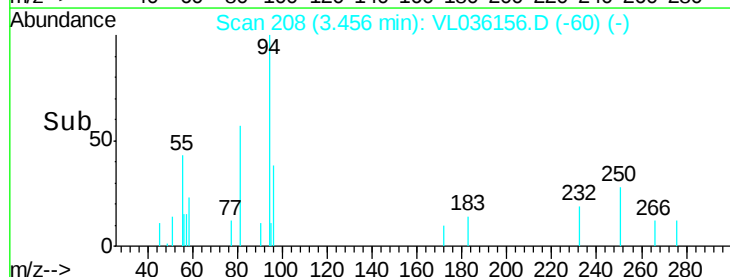
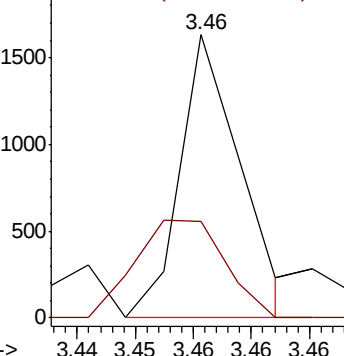
94 100

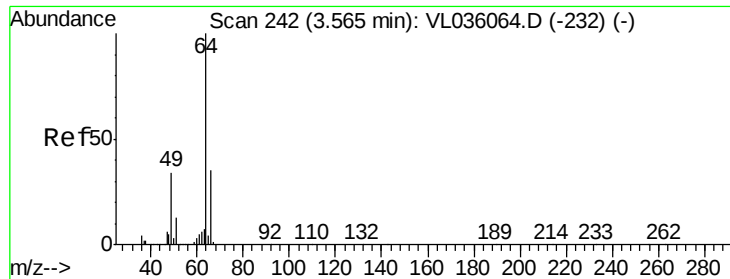
96 33.9 79.4 119.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.002 ppbv

RT: 3.54 min Scan# 235

Delta R.T. -0.02 min

Lab File: VL036156.D

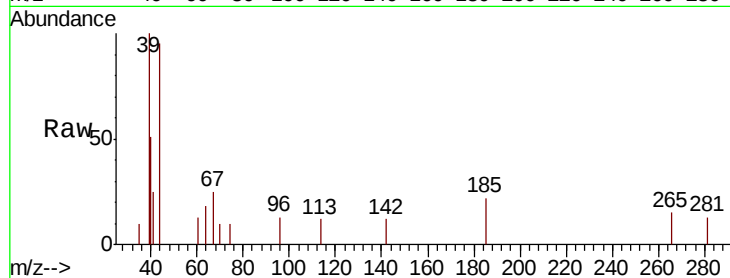
Acq: 11 Dec 2020 9:17

Tot Ion: 64 Resp: 56

Ion Ratio Lower Upper

64 100

66 0.0 27.7 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

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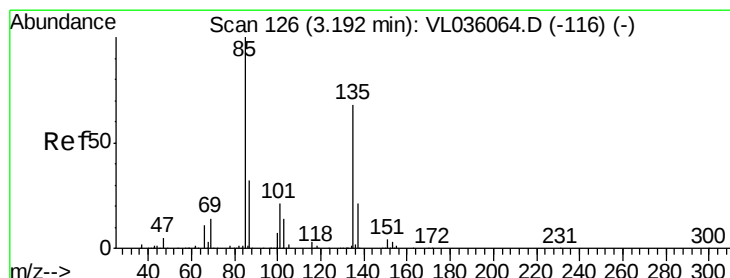
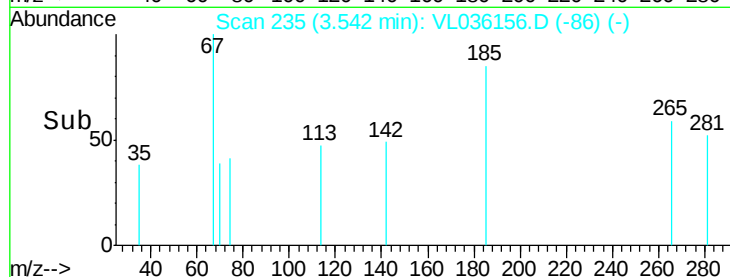
3.54

3.54

3.54

3.54

3.54



#8

Dichlorotetrafluoroethane

Concen: 0.009 ppbv

RT: 3.18 min Scan# 121

Delta R.T. -0.02 min

Lab File: VL036156.D

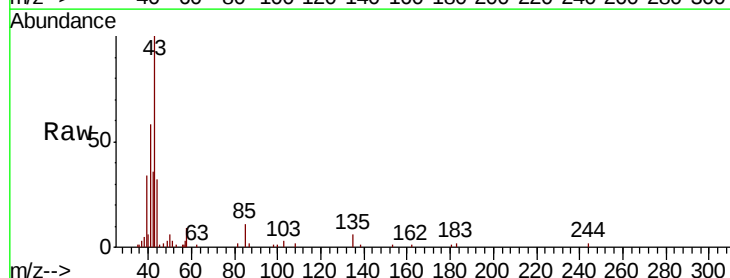
Acq: 11 Dec 2020 9:17

Tgt Ion: 85 Resp: 1592

Ion Ratio Lower Upper

85 100

135 95.0 53.8 80.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

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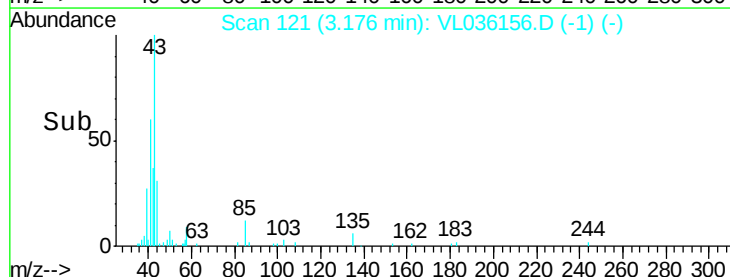
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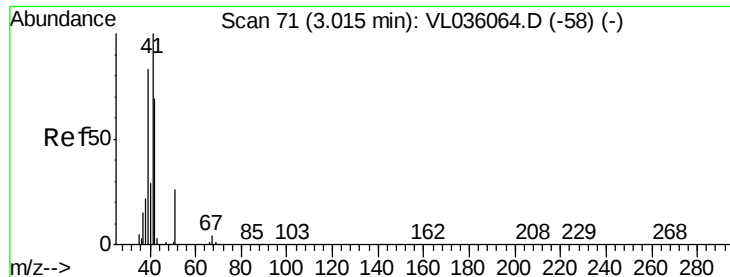
3.18

3.18

3.18



Time-->



#9

Propene

Concen: 0.997 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL036156.D

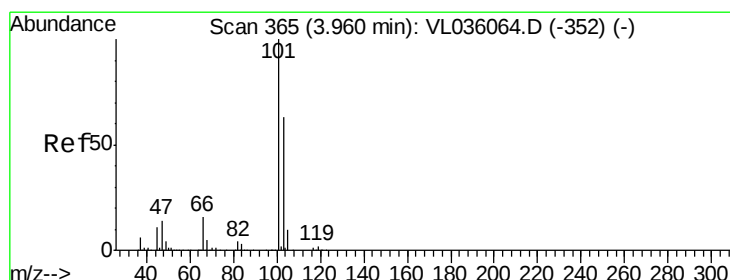
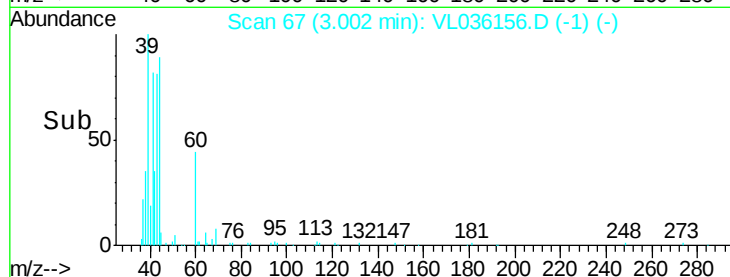
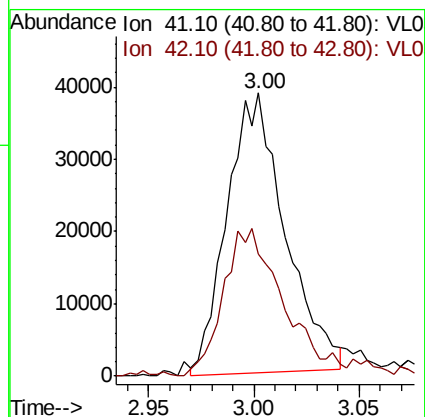
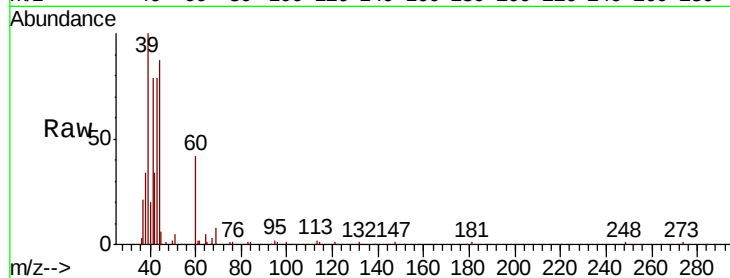
Acq: 11 Dec 2020 9:17

Tot Ion: 41 Resp: 74216

Ion Ratio Lower Upper

41 100

42 58.8 57.0 85.6



#11

Trichlorofluoromethane

Concen: 0.233 ppbv m

RT: 3.93 min Scan# 356

Delta R.T. -0.03 min

Lab File: VL036156.D

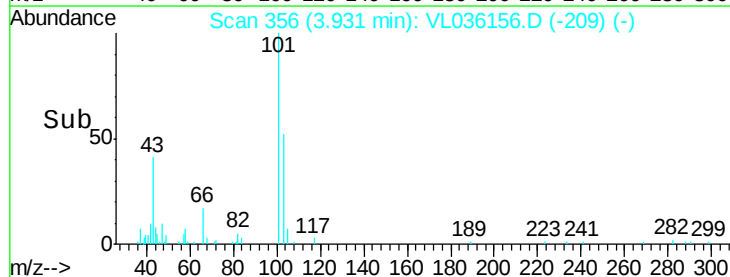
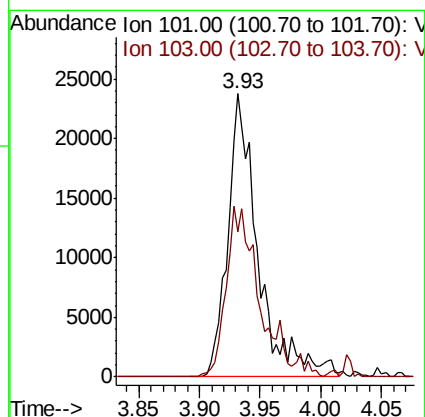
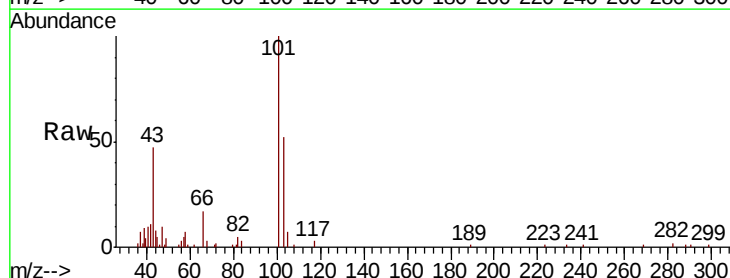
Acq: 11 Dec 2020 9:17

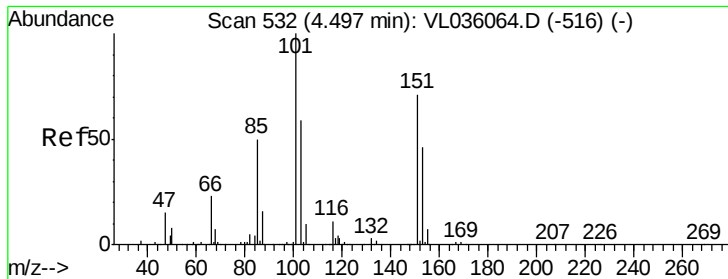
Tgt Ion: 101 Resp: 41563

Ion Ratio Lower Upper

101 100

103 51.5 50.3 75.5





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.014 ppbv

RT: 4.47 min Scan# 525

Delta R.T. -0.02 min

Lab File: VL036156.D

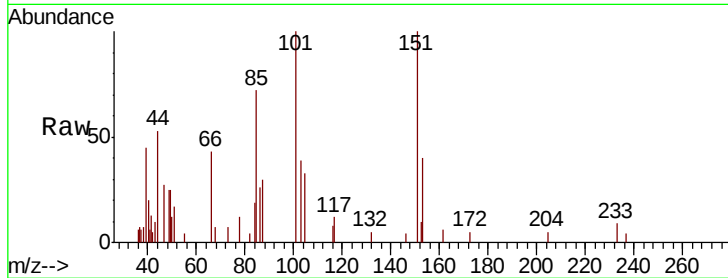
Acq: 11 Dec 2020 9:17

Tot Ion: 101 Resp: 1670

Ion Ratio Lower Upper

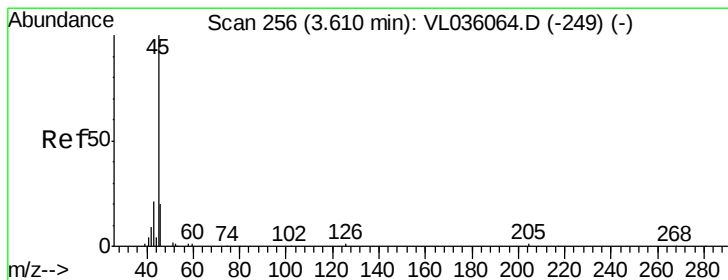
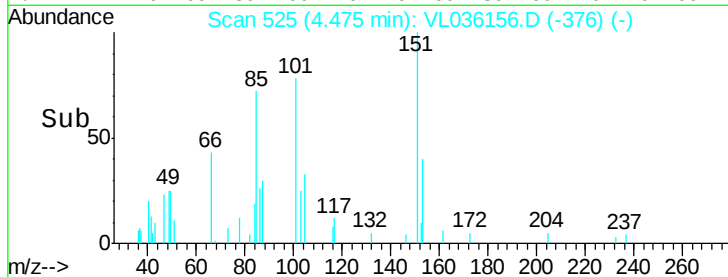
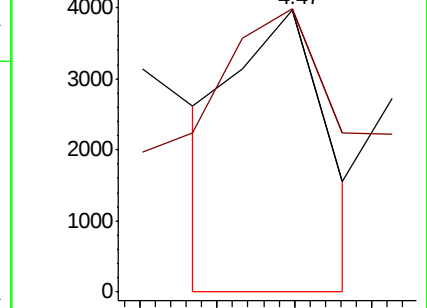
101 100

151 379.7 59.3 88.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 30.205 ppbv m

RT: 3.59 min Scan# 249

Delta R.T. -0.02 min

Lab File: VL036156.D

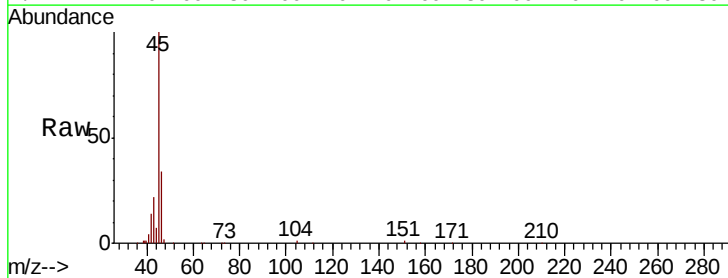
Acq: 11 Dec 2020 9:17

Tgt Ion: 45 Resp: 310043

Ion Ratio Lower Upper

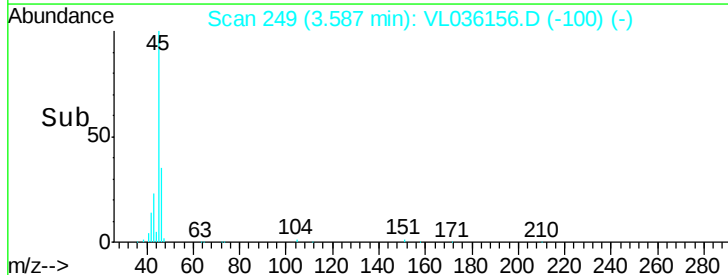
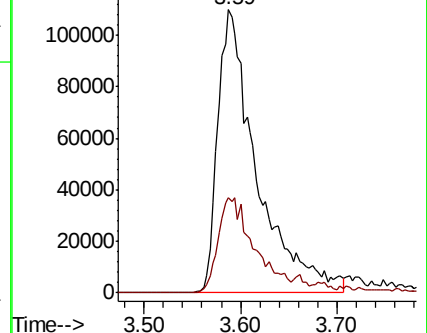
45 100

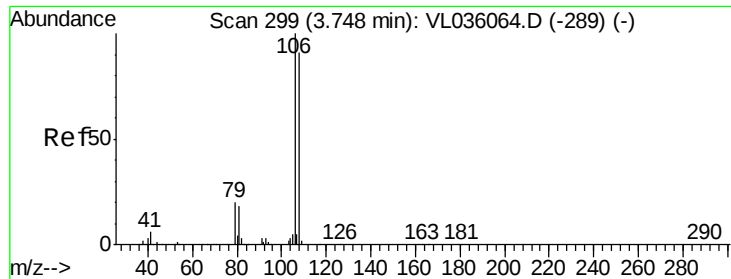
46 35.9 19.0 75.8



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: 3.74 min Scan# 298

Delta R.T. -0.00 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

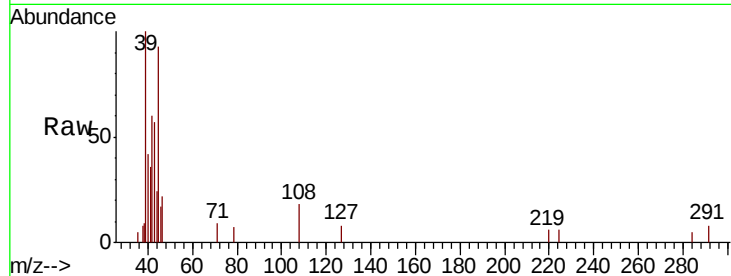
Tot Ion: 108 Resp: 176

Ion Ratio Lower Upper

108 100

106 0.0 91.0 136.4#

79 76.1 19.3 28.9#

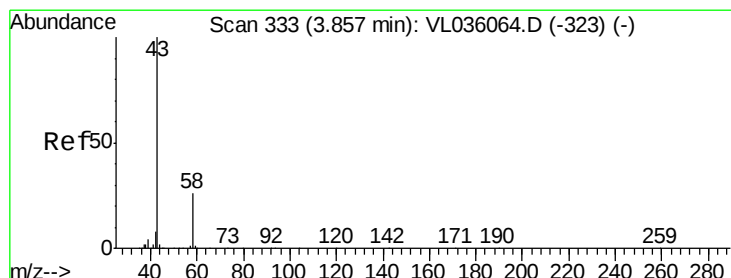
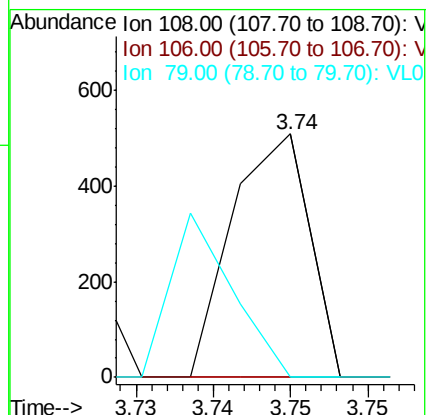
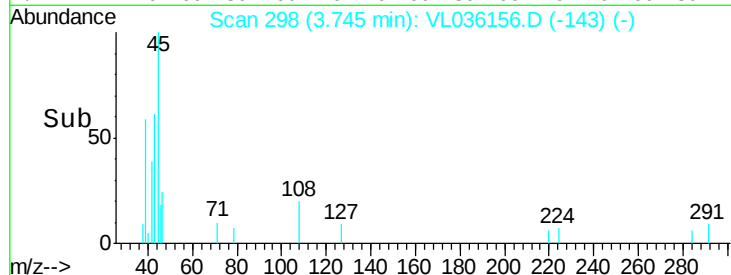


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): V

Time--> 3.73 3.74 3.75



#15

Acetone

Concen: 3.897 ppbv

RT: 3.84 min Scan# 326

Delta R.T. -0.02 min

Lab File: VL036156.D

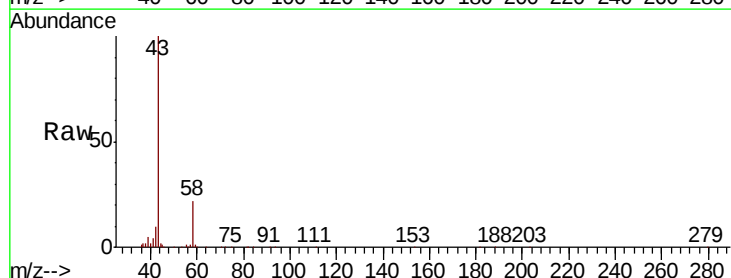
Acq: 11 Dec 2020 9:17

Tgt Ion: 43 Resp: 610212

Ion Ratio Lower Upper

43 100

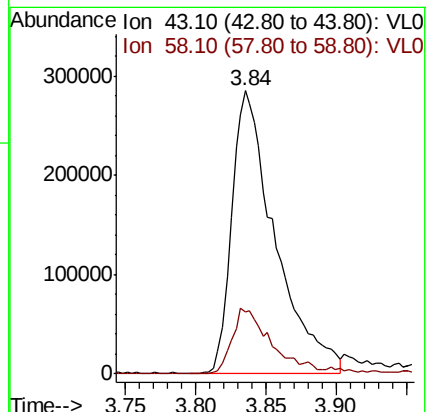
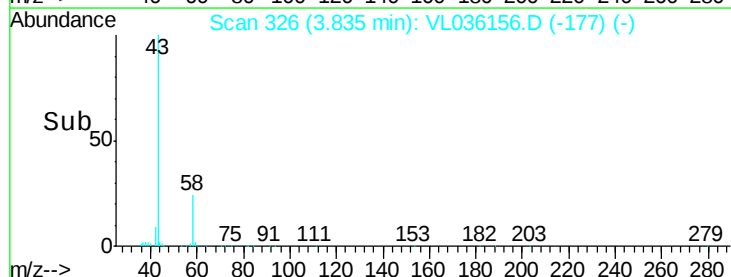
58 23.1 20.9 31.3

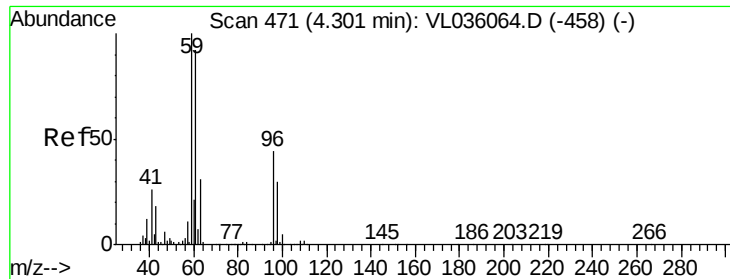


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Time--> 3.75 3.80 3.85 3.90





#17

tert-Butyl alcohol

Concen: 0.000 ppbv

RT: 4.28 min Scan# 463

Delta R.T. -0.03 min

Lab File: VL036156.D

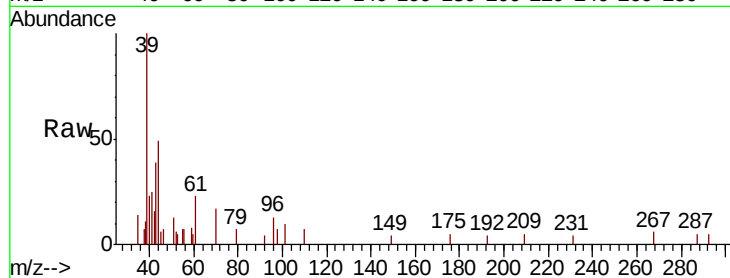
Acq: 11 Dec 2020 9:17

Tot Ion: 59 Resp: 61

Ion Ratio Lower Upper

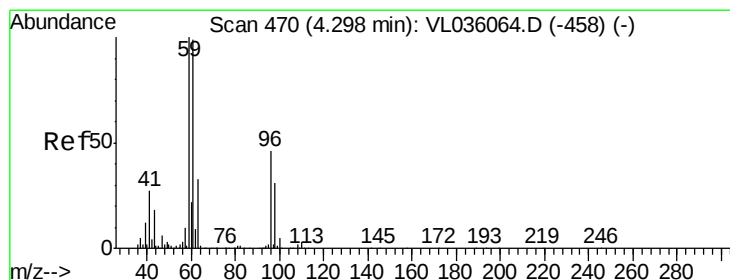
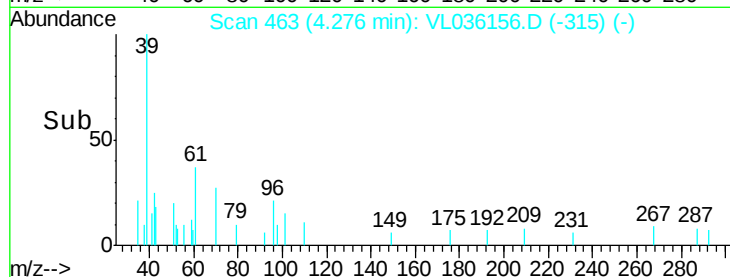
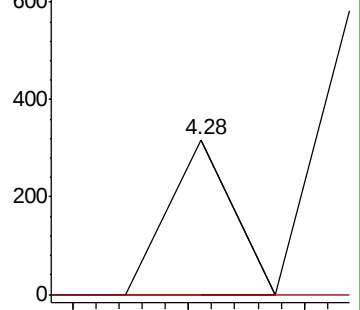
59 100

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: 0.006 ppbv

RT: 4.28 min Scan# 464

Delta R.T. -0.02 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

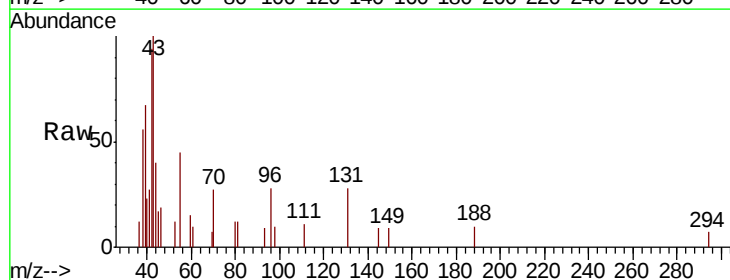
Tgt Ion: 96 Resp: 333

Ion Ratio Lower Upper

96 100

61 6.9 171.4 257.2#

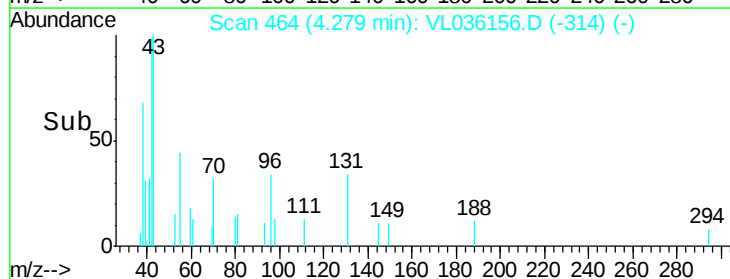
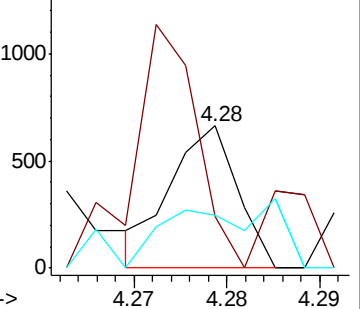
98 36.9 54.2 81.2#

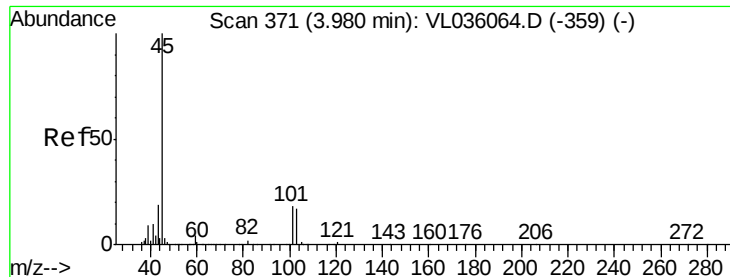


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 0.543 ppbv m

RT: 3.97 min Scan# 368

Delta R.T. -0.01 min

Lab File: VL036156.D

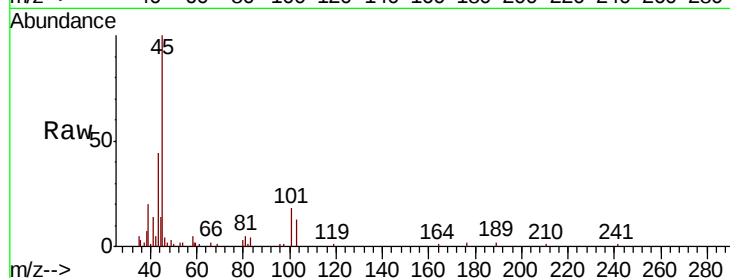
Acq: 11 Dec 2020 9:17

Tot Ion: 45 Resp: 51985

Ion Ratio Lower Upper

45 100

58 11.6 0.0 0.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.97

20000

15000

10000

5000

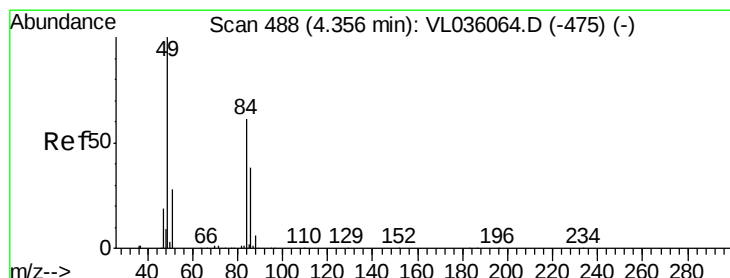
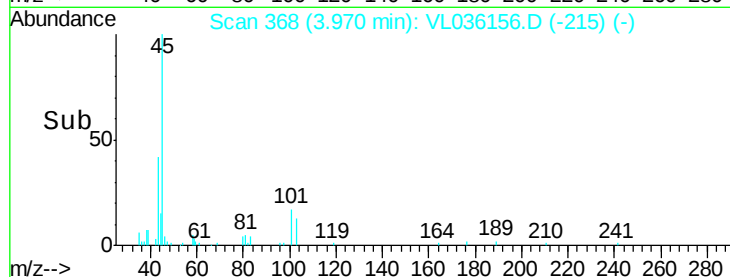
0

Time-->

3.90

3.95

4.00



#20

Methylene Chloride

Concen: 1.601 ppbv m

RT: 4.33 min Scan# 479

Delta R.T. -0.03 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

Tgt Ion: 84 Resp: 102734

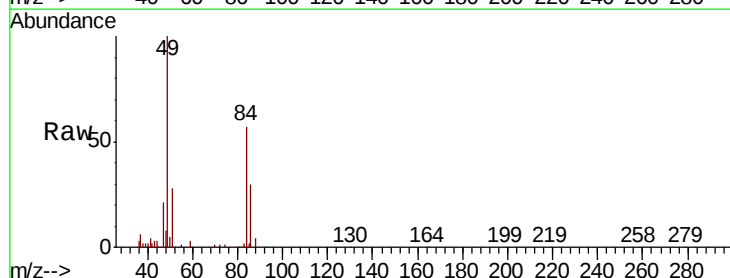
Ion Ratio Lower Upper

84 100

49 176.4 133.0 199.4

51 49.0 38.9 58.3

86 53.8 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

150000

100000

50000

0

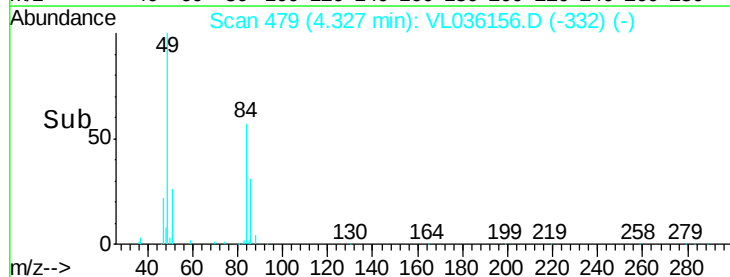
Time-->

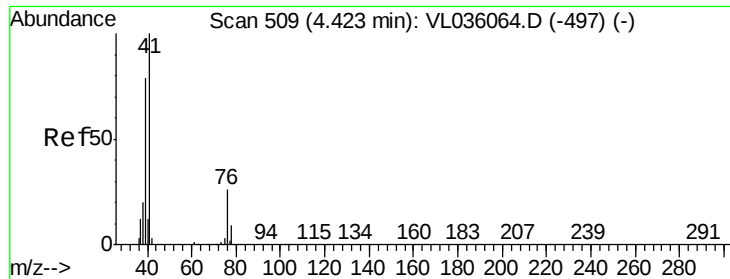
4.25

4.30

4.35

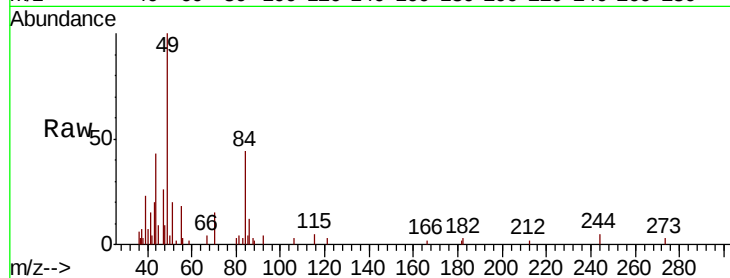
4.40



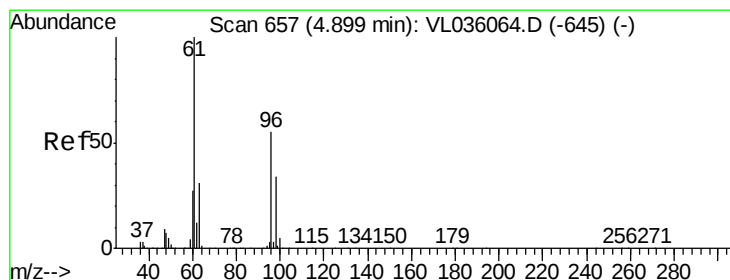
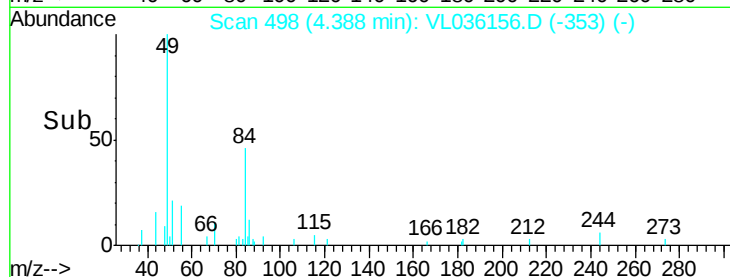
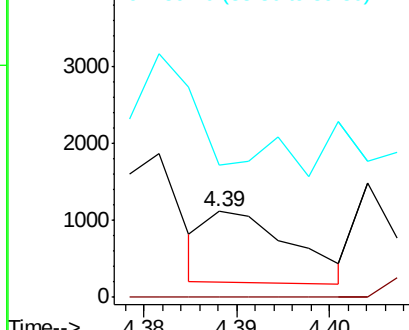


#21
Allvl Chloride
Concen: 0.006 ppbv
RT: 4.39 min Scan# 498
Delta R.T. -0.04 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

Tot Ion: 41 Resp: 583
Ion Ratio Lower Upper
41 100
76 0.0 21.0 31.4#
39 0.0 66.0 99.0#

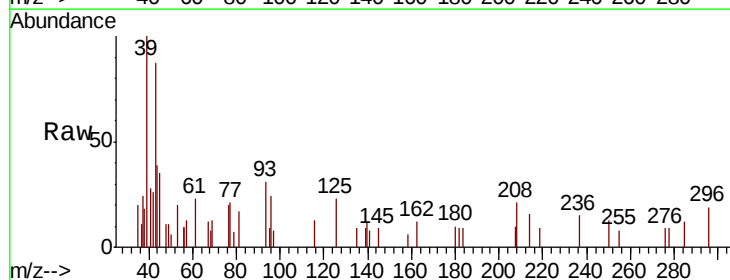


Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0

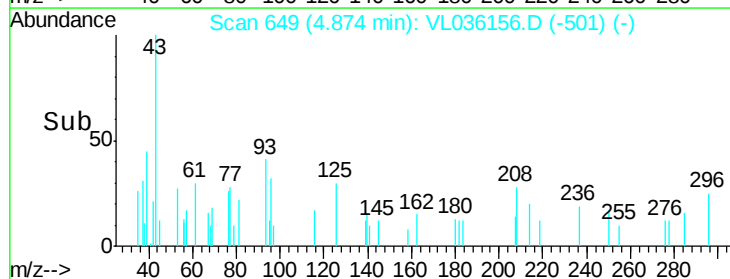
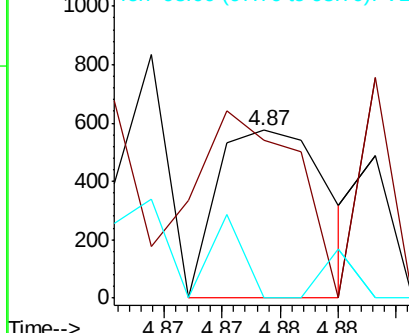


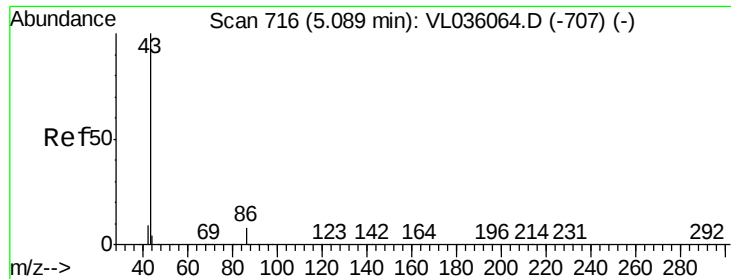
#22
trans-1,2-Dichloroethene
Concen: 0.007 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.03 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

Tgt Ion: 96 Resp: 379
Ion Ratio Lower Upper
96 100
61 94.6 145.7 218.5#
98 0.0 49.2 73.8#



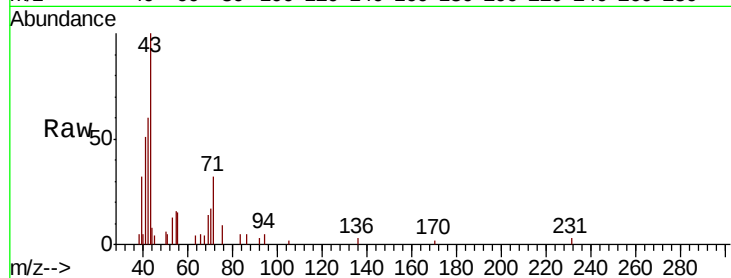
Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0



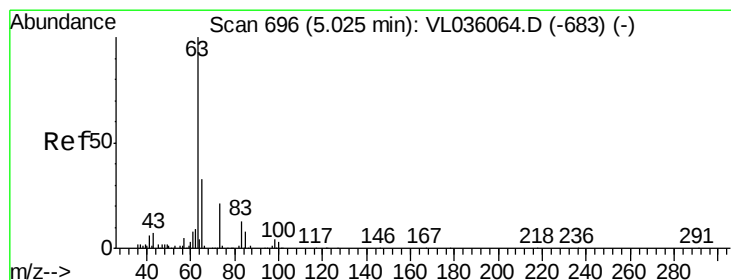
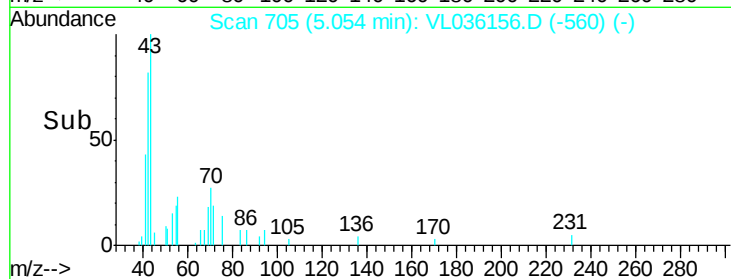
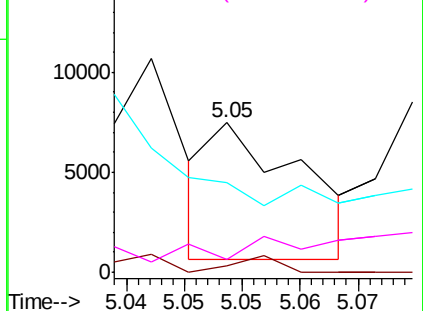


#23
 Vinyl Acetate
 Concen: 0.018 ppbv
 RT: 5.05 min Scan# 705
 Delta R.T. -0.04 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

Tot Ion:	43	Resp:	3745
Ion	Ratio	Lower	Upper
43	100		
86	12.7	5.0	7.4#
42	40.4	7.8	11.6#
44	0.0	3.2	4.8#

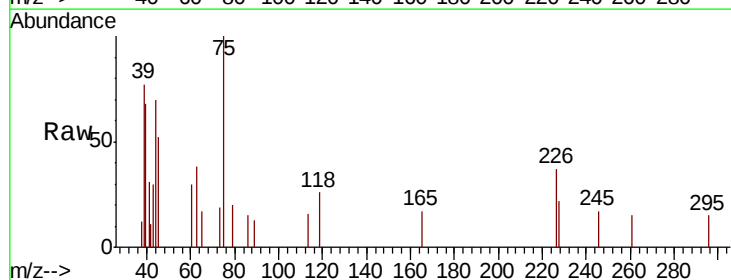


Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0

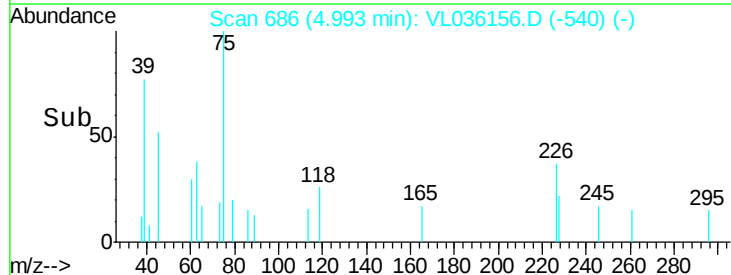
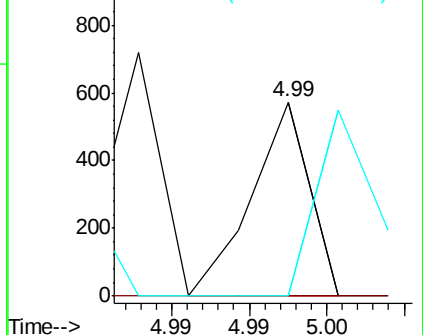


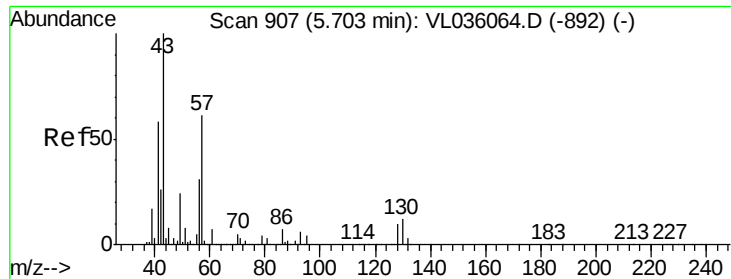
#24
 1,1-Dichloroethane
 Concen: 0.001 ppbv
 RT: 4.99 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

Tgt Ion:	63	Resp:	147
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: 0.770 ppbv m

RT: 5.67 min Scan# 897

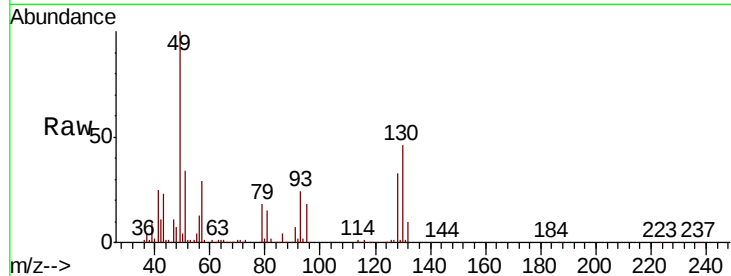
Delta R.T. -0.03 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

Tot Ion: 57 Resp: 108446

Ion	Ratio	Lower	Upper
57	100		
41	107.2	82.9	124.3
43	116.1	199.9	299.9#
56	50.7	43.1	64.7

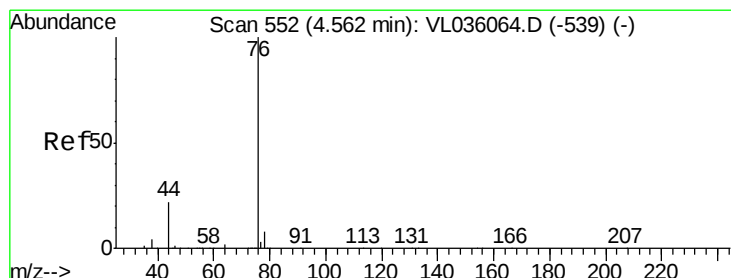
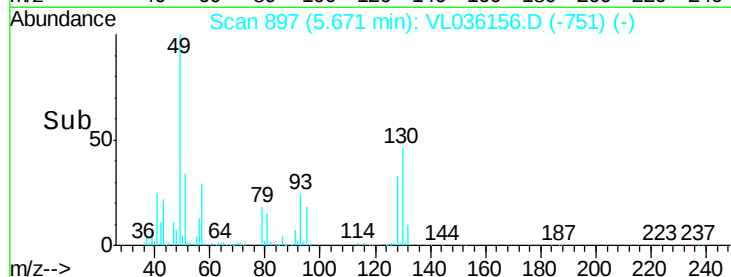
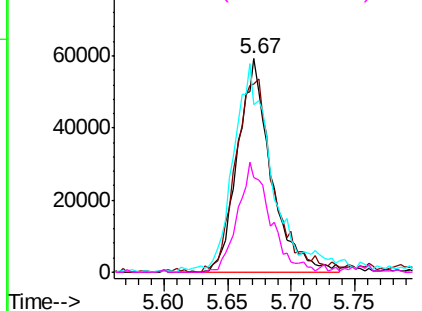


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 0.003 ppbv

RT: 4.53 min Scan# 543

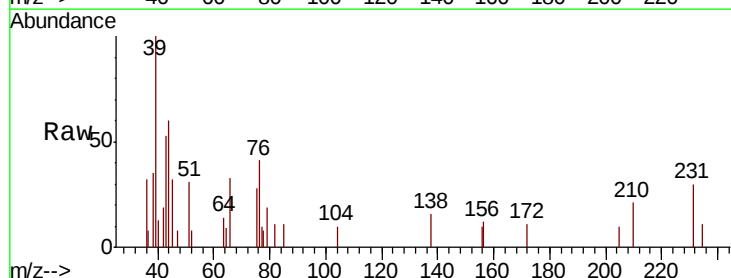
Delta R.T. -0.03 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

Tgt Ion: 76 Resp: 365

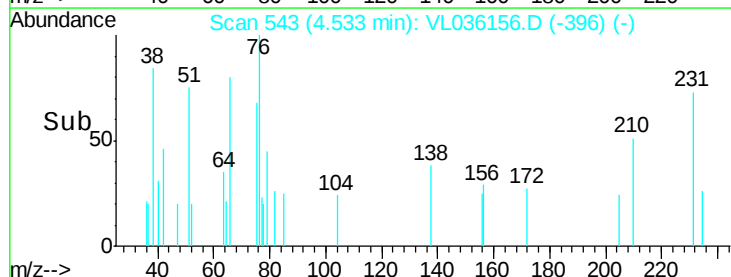
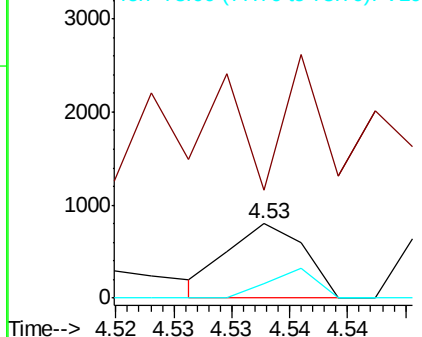
Ion	Ratio	Lower	Upper
76	100		
44	385.8	17.9	26.9#
78	49.3	7.8	11.8#

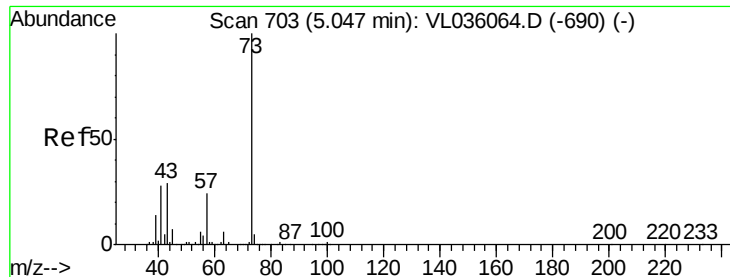


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

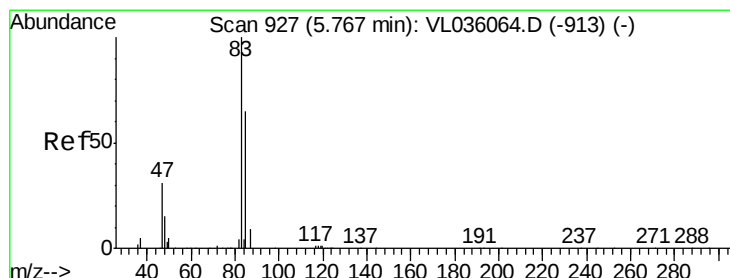
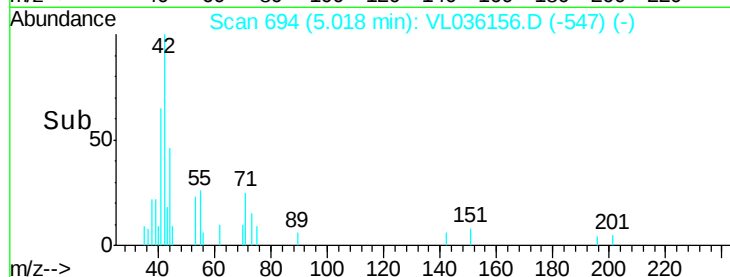
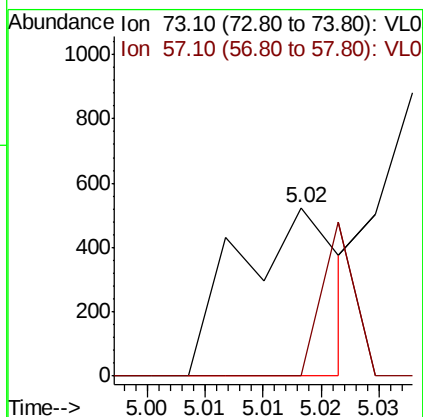
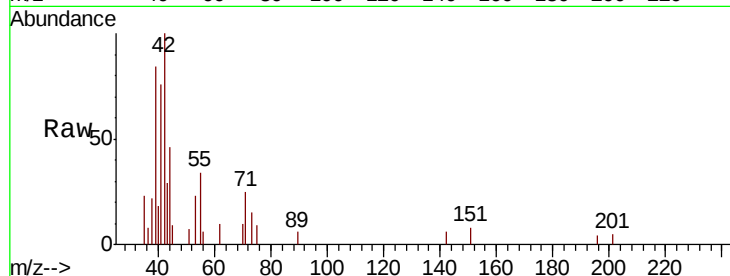




#28

Methvl tert-Butvl Ether
 Concen: 0.002 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T. -0.03 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

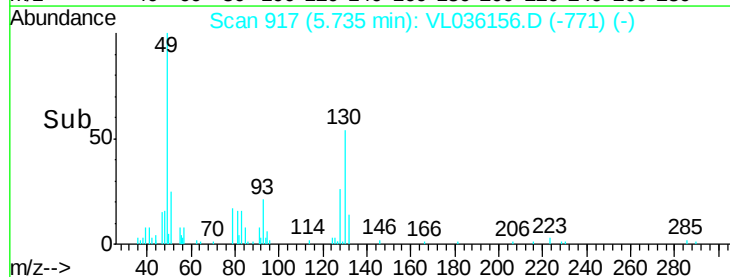
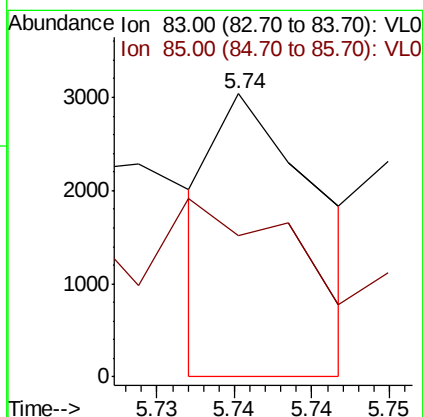
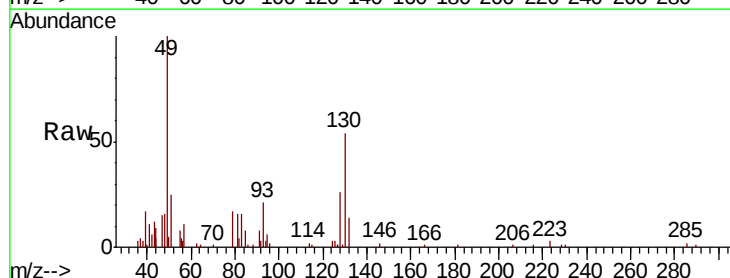
Tot Ion: 73 Resp: 314
 Ion Ratio Lower Upper
 73 100
 57 0.0 19.2 28.8#

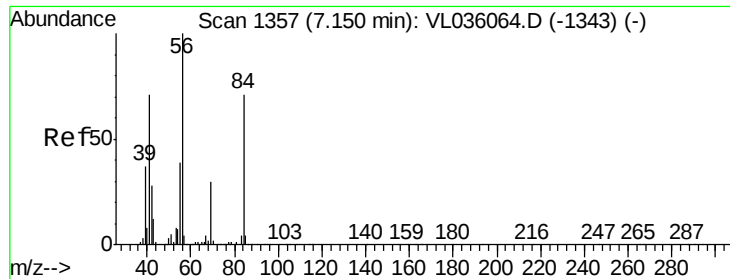


#29

Chloroform
 Concen: 0.007 ppbv
 RT: 5.74 min Scan# 917
 Delta R.T. -0.03 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

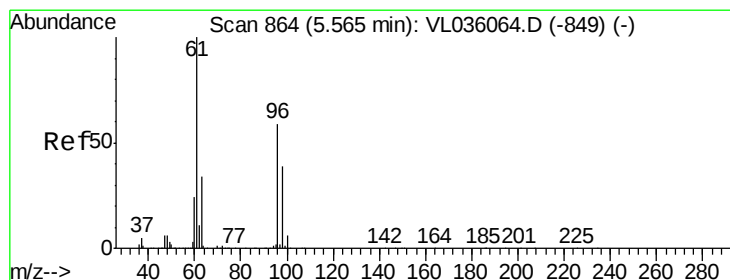
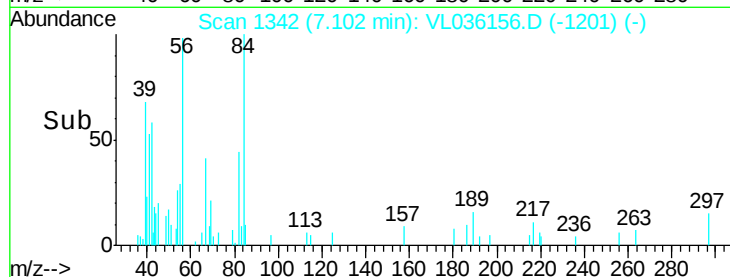
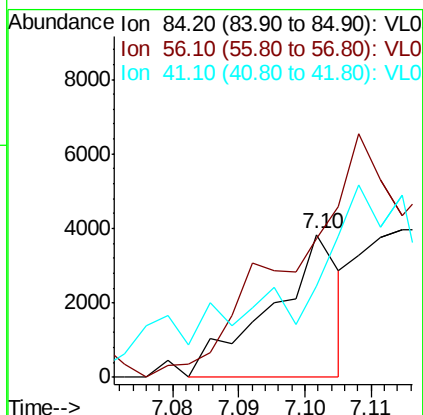
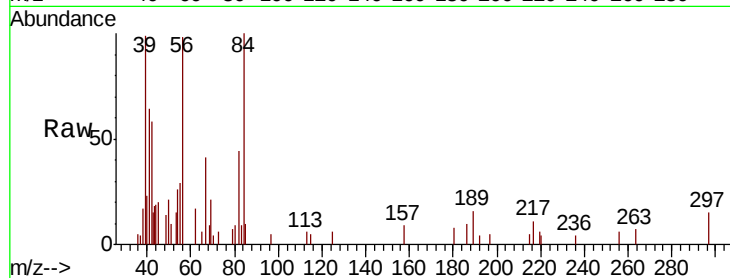
Tgt Ion: 83 Resp: 1382
 Ion Ratio Lower Upper
 83 100
 85 61.2 51.8 77.6





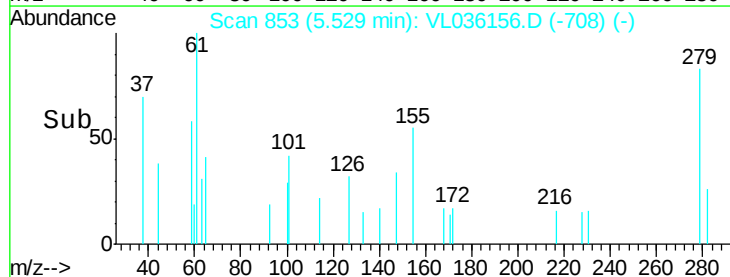
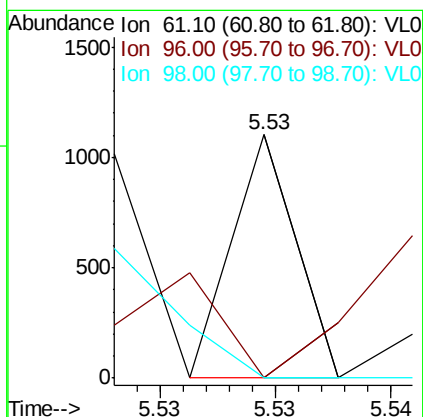
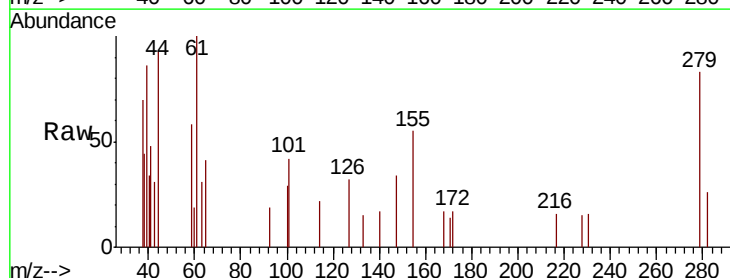
#30
Cyclohexane
Concen: 0.026 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.05 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

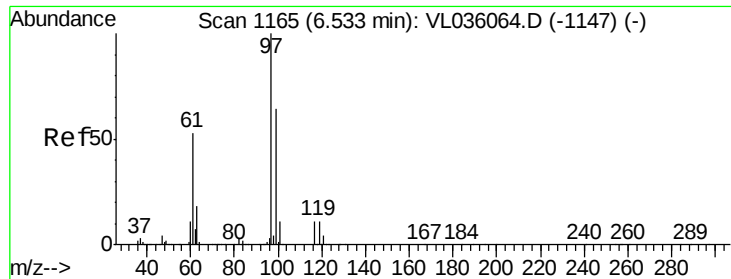
Tot Ion: 84 Resp: 2736
Ion Ratio Lower Upper
84 100
56 0.0 128.0 192.0#
41 376.3 81.3 121.9#



#31
cis-1,2-Dichloroethene
Concen: 0.002 ppbv
RT: 5.53 min Scan# 853
Delta R.T. -0.04 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

Tgt Ion: 61 Resp: 213
Ion Ratio Lower Upper
61 100
96 0.0 47.3 70.9#
98 0.0 31.4 47.0#





#32

1,1,1-Trichloroethane

Concen: 0.003 ppbv

RT: 6.50 min Scan# 1154

Delta R.T. -0.04 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

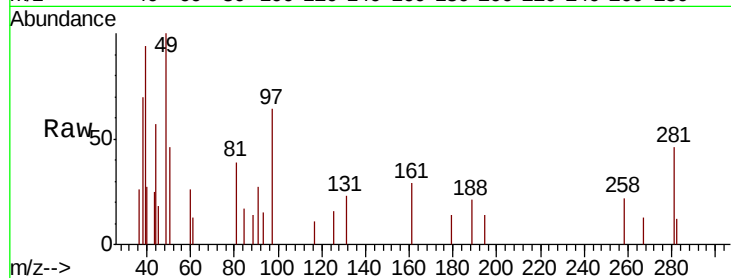
Tot Ion: 97 Resp: 594

Ion Ratio Lower Upper

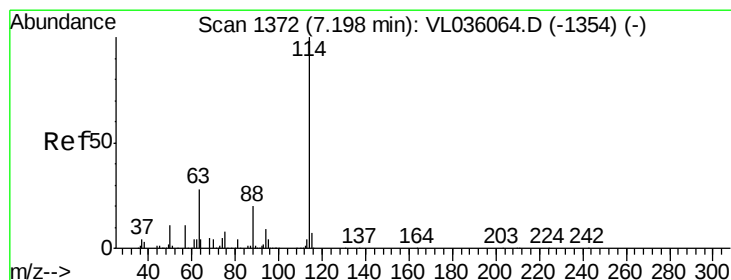
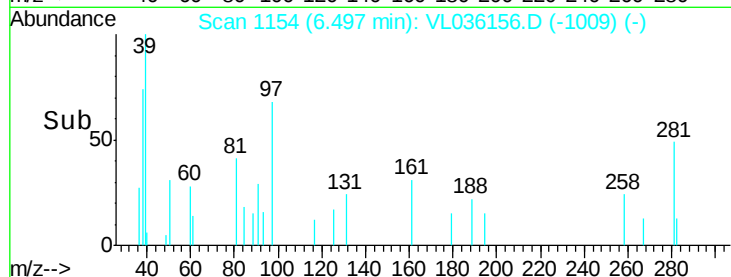
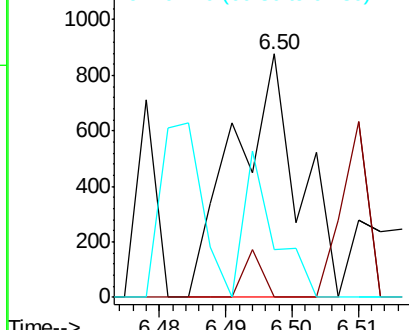
97 100

99 0.0 52.4 78.6#

61 74.7 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# 1359

Delta R.T. -0.04 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

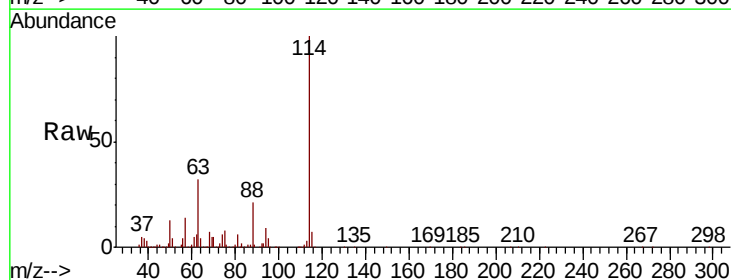
Tgt Ion: 114 Resp: 2515473

Ion Ratio Lower Upper

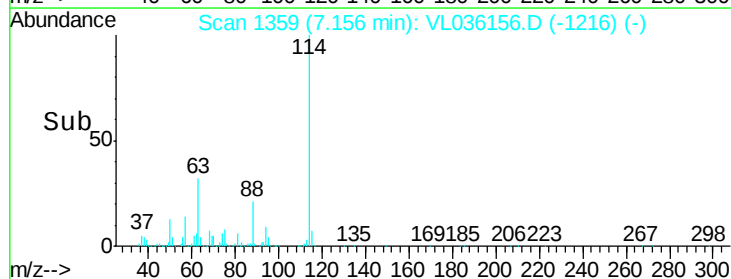
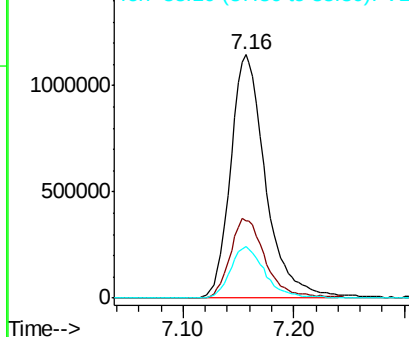
114 100

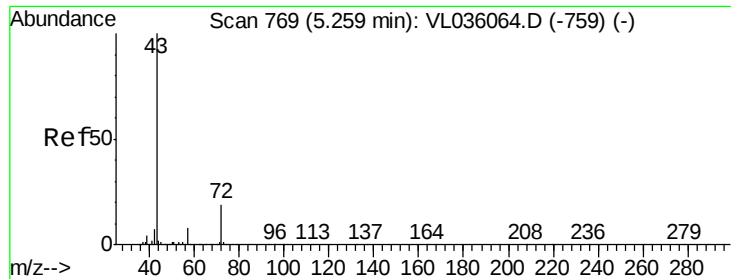
63 33.3 23.6 35.4

88 21.2 15.8 23.6



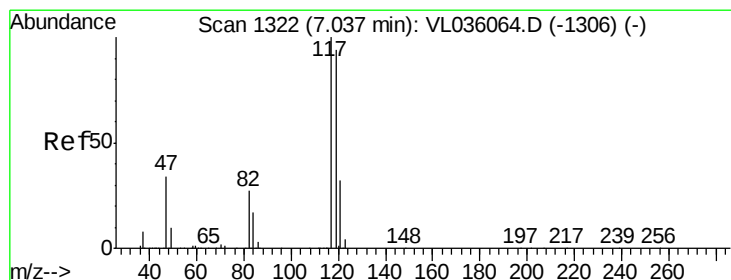
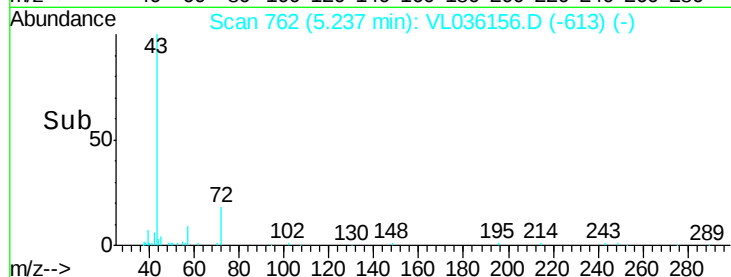
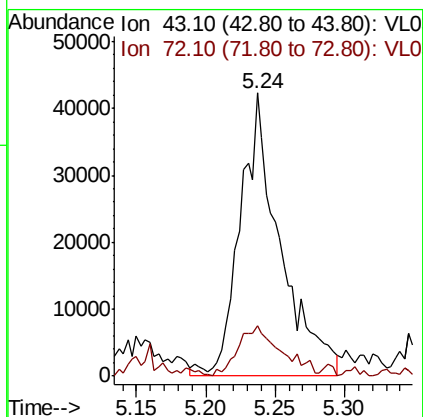
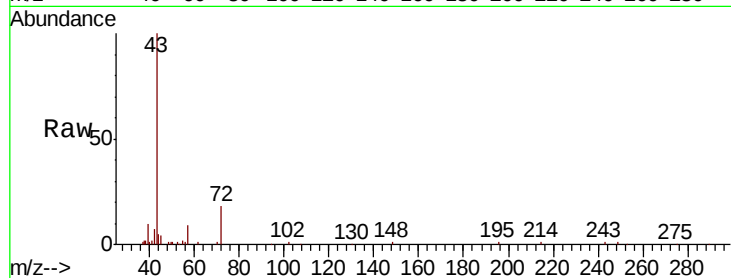
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





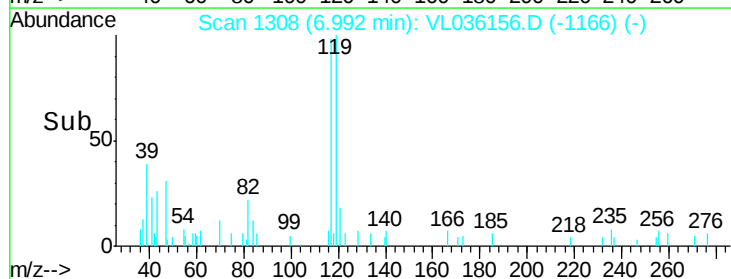
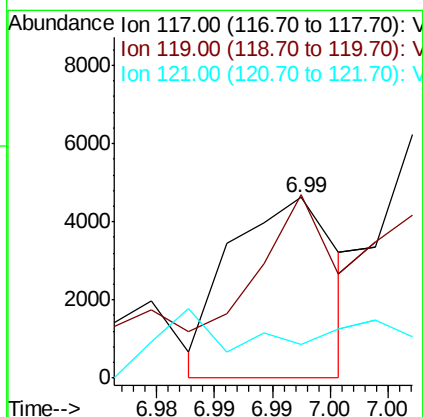
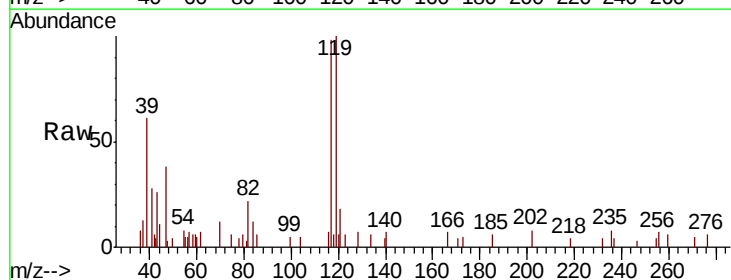
#34
2-Butanone
Concen: 0.509 ppbv m
RT: 5.24 min Scan# 762
Delta R.T. -0.02 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

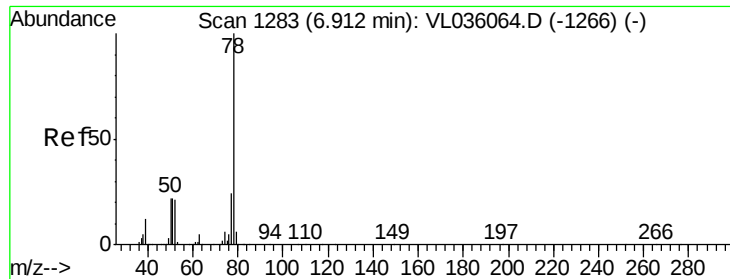
Tot Ion: 43 Resp: 84879
Ion Ratio Lower Upper
43 100
72 0.0 16.5 24.7#



#35
Carbon Tetrachloride
Concen: 0.020 ppbv
RT: 6.99 min Scan# 1308
Delta R.T. -0.04 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

Tgt Ion: 117 Resp: 2943
Ion Ratio Lower Upper
117 100
119 88.3 75.1 112.7
121 0.0 25.6 38.4#





#36

Benzene

Concen: 0.281 ppbv m

RT: 6.87 min Scan# 1270

Delta R.T. -0.04 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

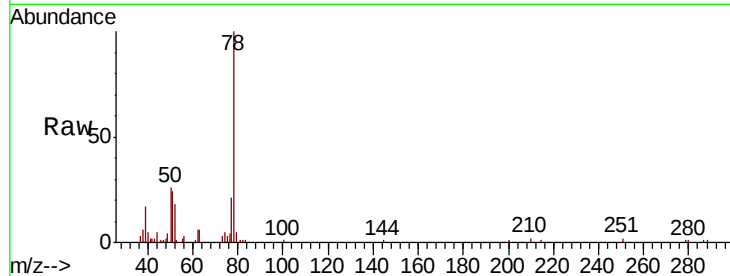
Tot Ion: 78 Resp: 59852

Ion Ratio Lower Upper

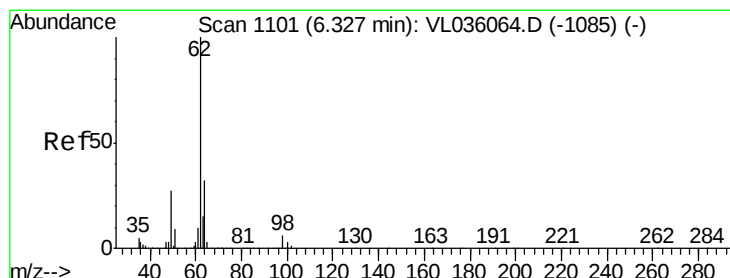
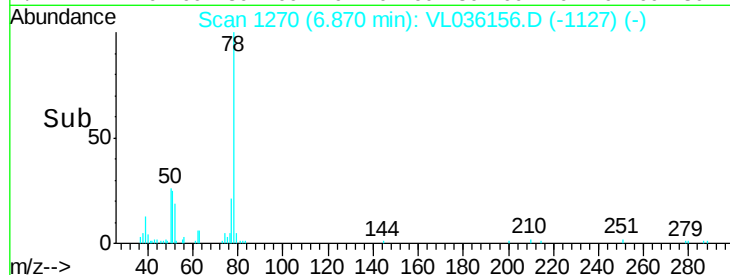
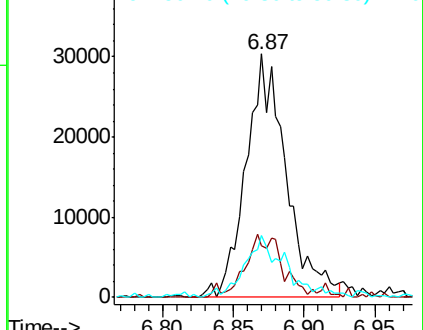
78 100

77 21.2 19.4 29.2

50 25.5 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



#37

1,2-Dichloroethane

Concen: 0.011 ppbv

RT: 6.30 min Scan# 1092

Delta R.T. -0.03 min

Lab File: VL036156.D

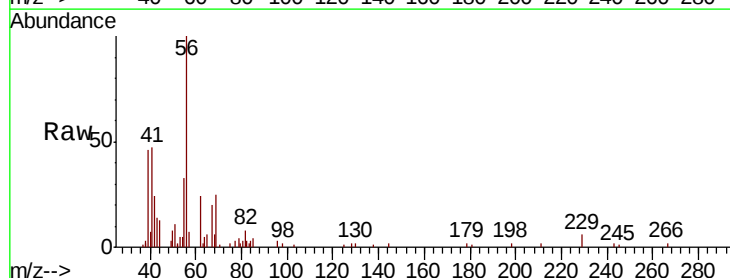
Acq: 11 Dec 2020 9:17

Tgt Ion: 62 Resp: 1309

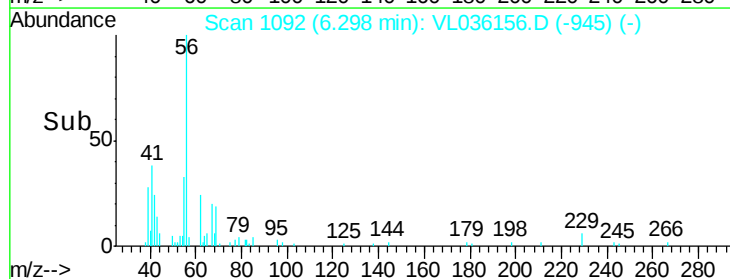
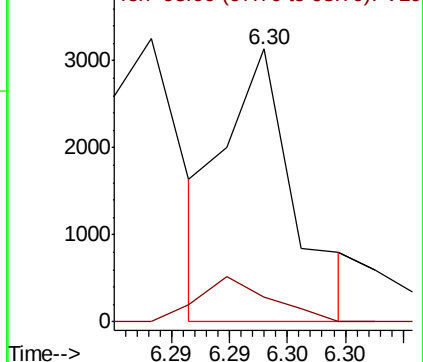
Ion Ratio Lower Upper

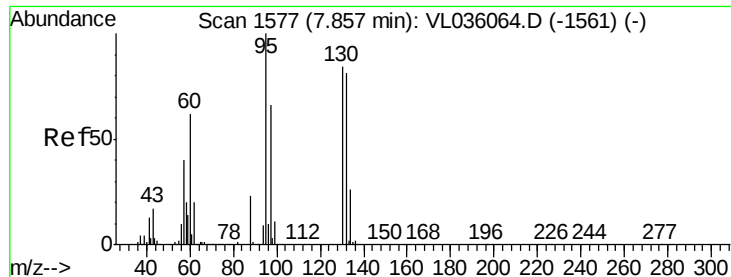
62 100

98 22.4 4.6 7.0#



Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#38

Trichloroethene

Concen: 0.005 ppbv

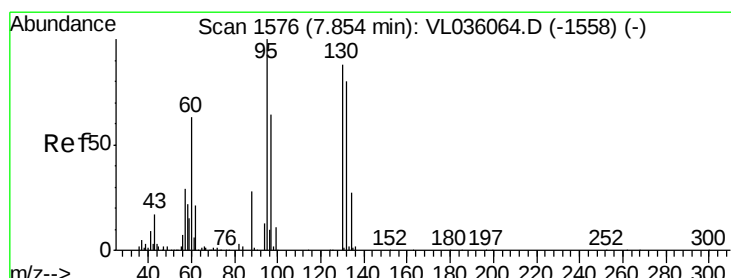
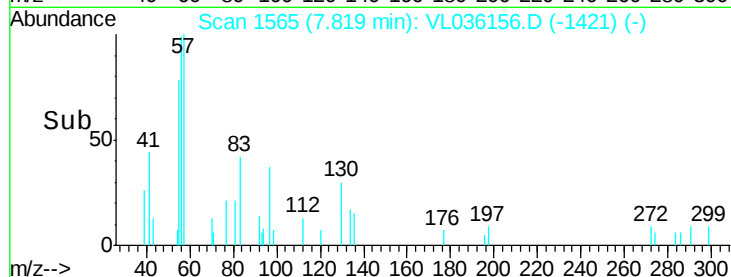
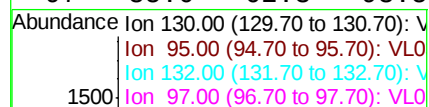
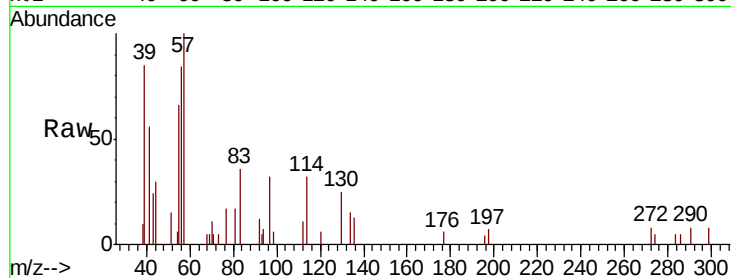
RT: 7.82 min Scan# 1565

Delta R.T. -0.04 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

Tot Ion:	130	Resp:	361
Ion	Ratio	Lower	Upper
130	100		
95	0.0	95.2	142.8#
132	0.0	76.9	115.3#
97	85.0	62.3	93.5



#40

1,4-Dioxane

Concen: 0.009 ppbv

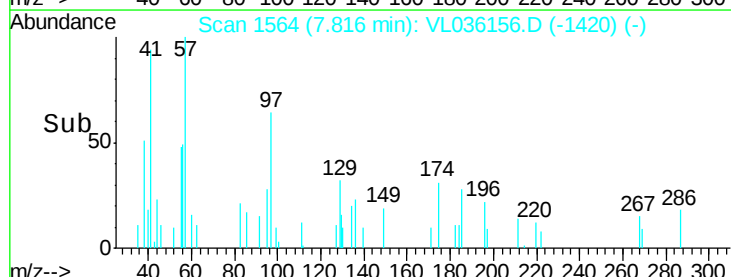
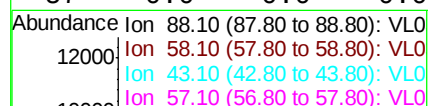
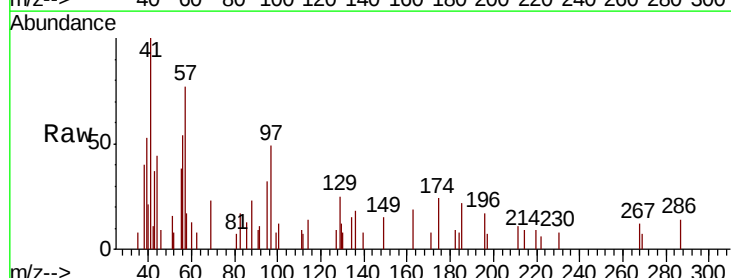
RT: 7.82 min Scan# 1564

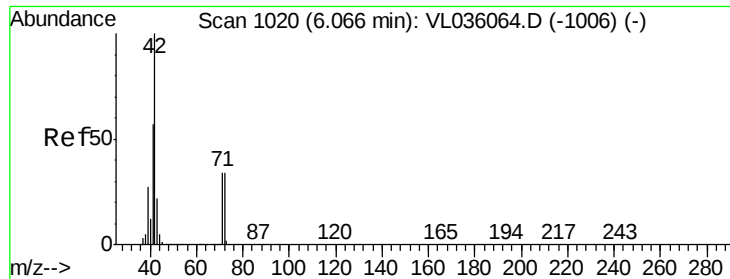
Delta R.T. -0.04 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

Tgt Ion:	88	Resp:	239
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





#41

Tetrahydrofuran

Concen: 0.007 ppbv

RT: 6.03 min Scan# 1009

Delta R.T. -0.04 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

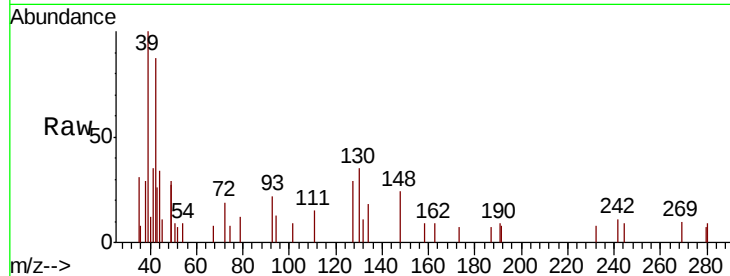
Tot Ion: 42 Resp: 731

Ion Ratio Lower Upper

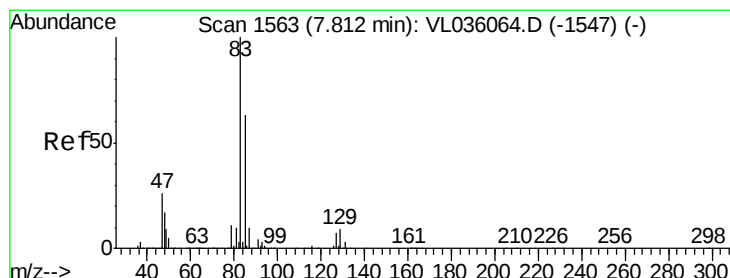
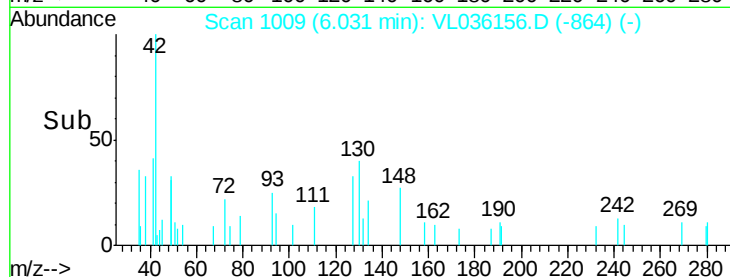
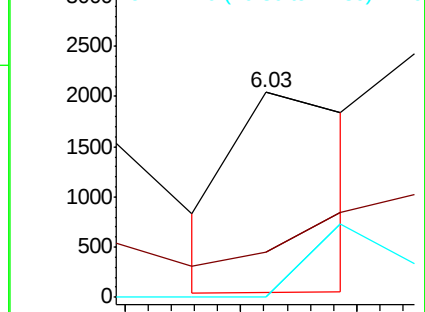
42 100

72 0.0 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: 0.007 ppbv

RT: 7.77 min Scan# 1550

Delta R.T. -0.04 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

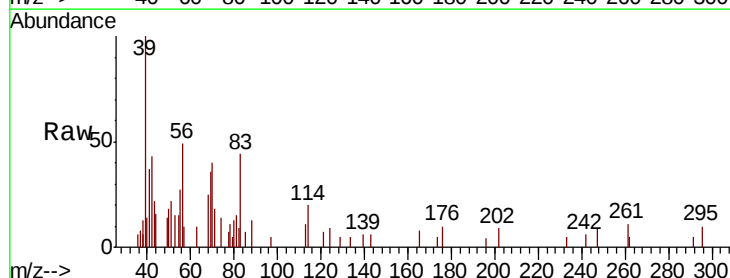
Tgt Ion: 83 Resp: 1184

Ion Ratio Lower Upper

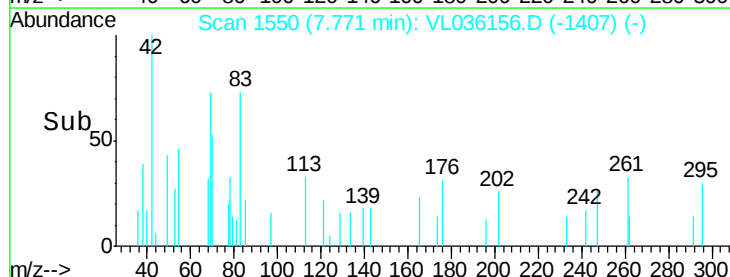
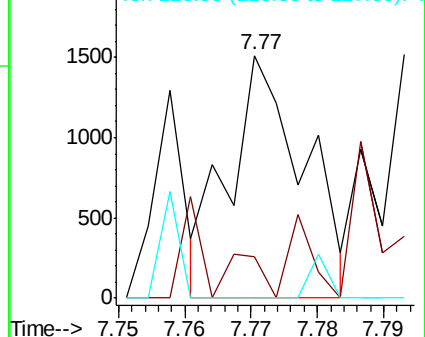
83 100

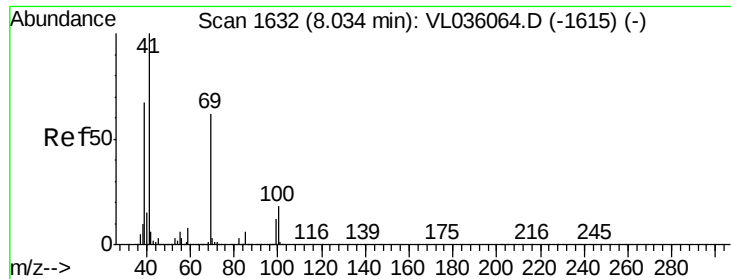
85 21.0 50.2 75.2#

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): VL0





#43

Methvl Methacrilate

Concen: 0.005 ppbv

RT: 7.98 min Scan# 1615

Delta R.T. -0.05 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

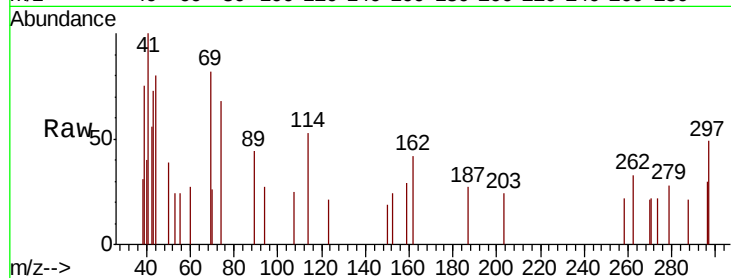
Tot Ion: 69 Resp: 449

Ion Ratio Lower Upper

69 100

41 0.0 133.0 199.6#

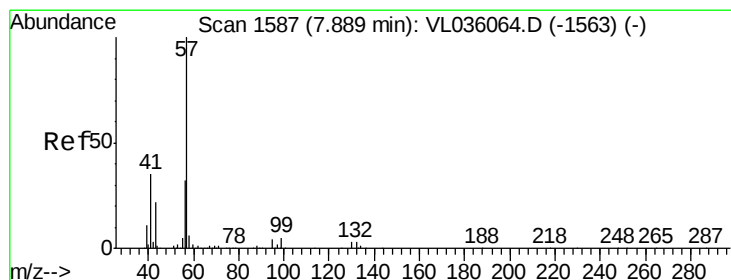
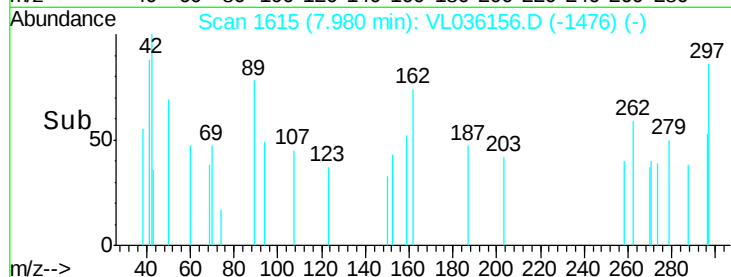
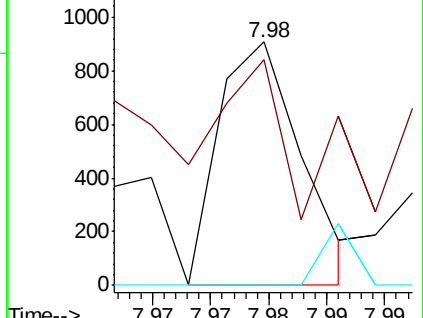
100 0.0 25.4 38.0#



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



#44

2,2,4-Trimethylpentane

Concen: 0.232 ppbv m

RT: 7.85 min Scan# 1576

Delta R.T. -0.04 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

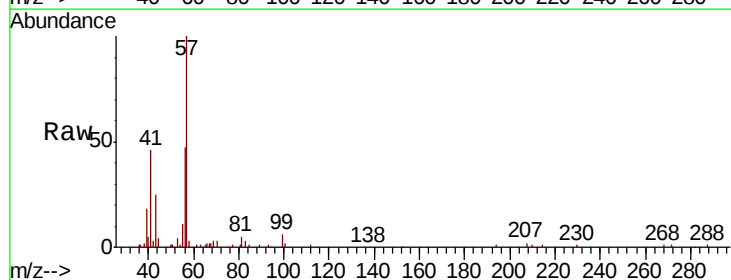
Tgt Ion: 57 Resp: 89755

Ion Ratio Lower Upper

57 100

41 44.8 28.9 43.3#

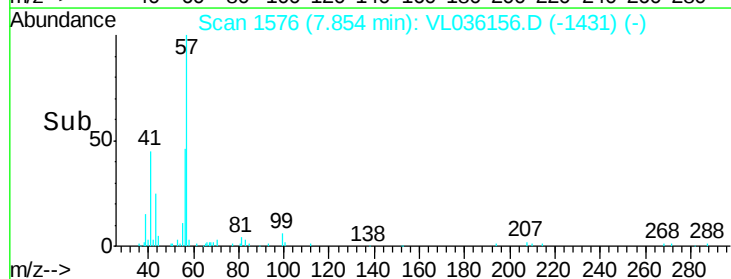
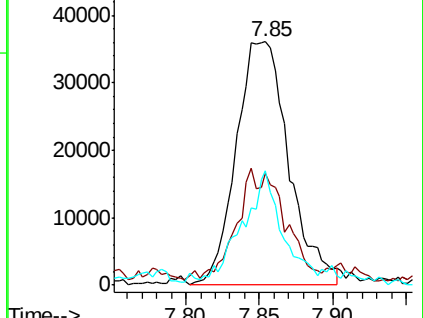
56 0.0 25.3 37.9#

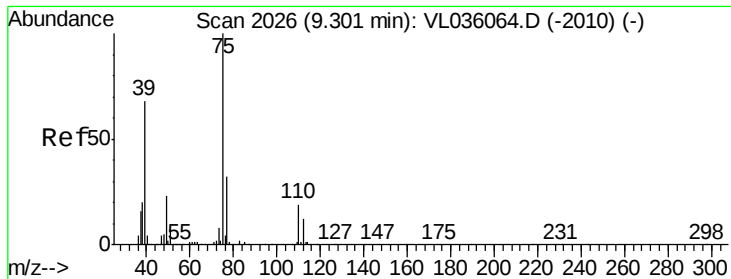


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 9.32 min Scan# 2033

Delta R.T. 0.02 min

Lab File: VL036156.D

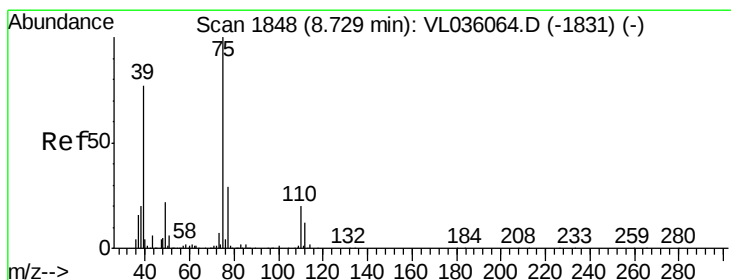
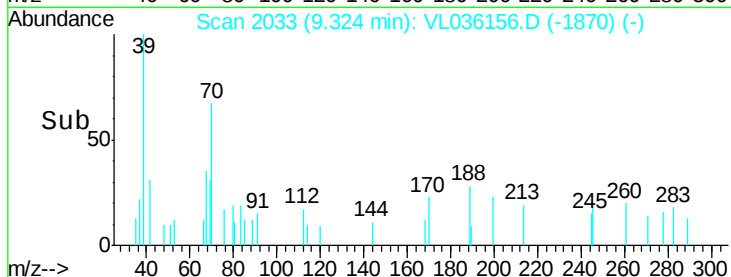
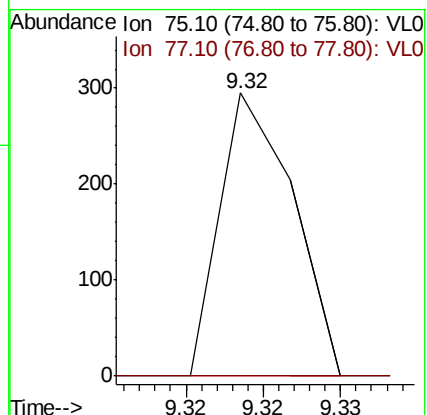
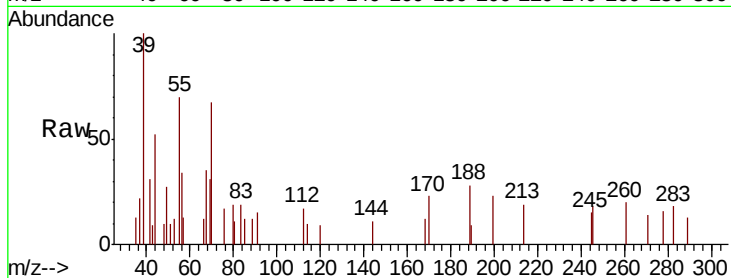
Acq: 11 Dec 2020 9:17

Tot Ion: 75 Resp: 96

Ion Ratio Lower Upper

75 100

77 0.0 26.0 39.0#



#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 8.67 min Scan# 1831

Delta R.T. -0.05 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

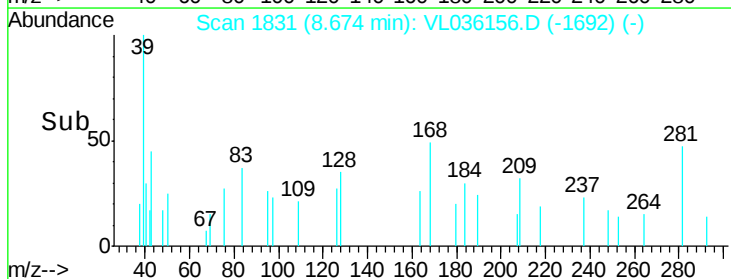
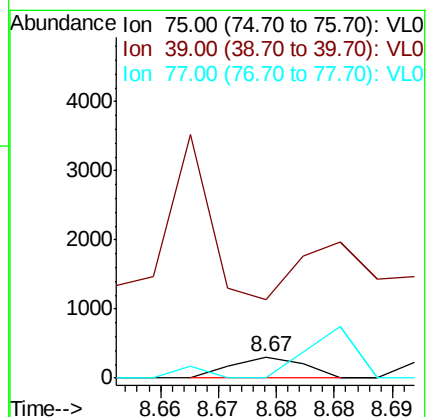
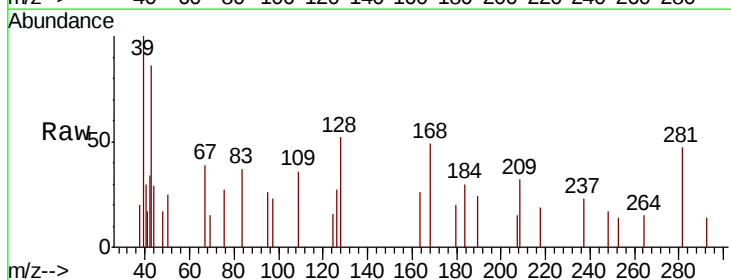
Tgt Ion: 75 Resp: 134

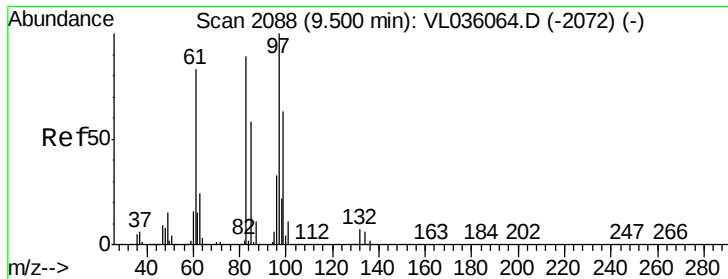
Ion Ratio Lower Upper

75 100

39 0.0 61.6 92.4#

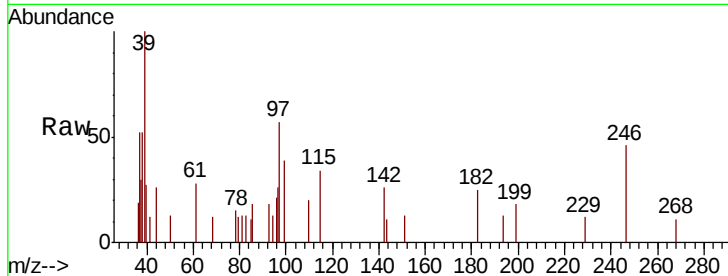
77 0.0 23.0 34.6#



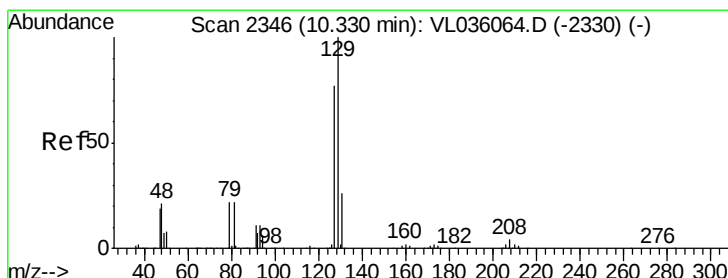
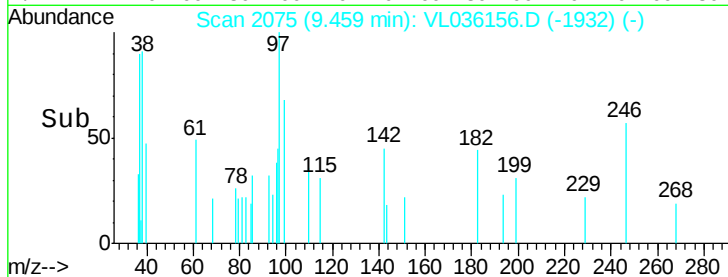
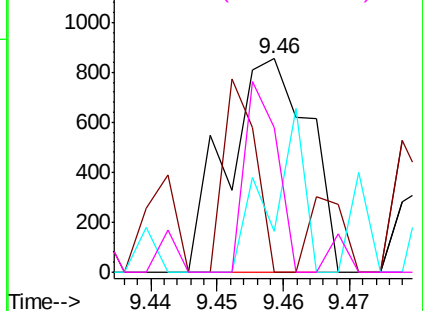


#47
 1,1,2-Trichloroethane
 Concen: 0.009 ppbv
 RT: 9.46 min Scan# 2075
 Delta R.T. -0.04 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

Tot Ion: 97 Resp: 729
 Ion Ratio Lower Upper
 97 100
 83 0.0 71.4 107.2#
 85 51.5 46.6 70.0
 99 67.6 50.7 76.1

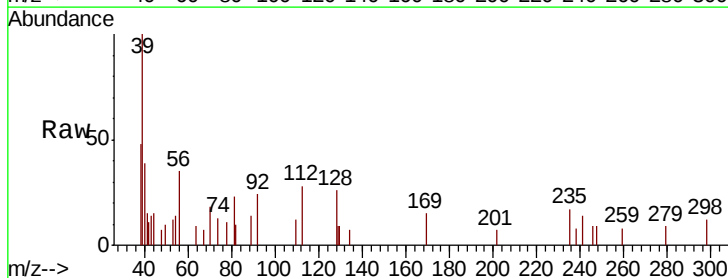


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

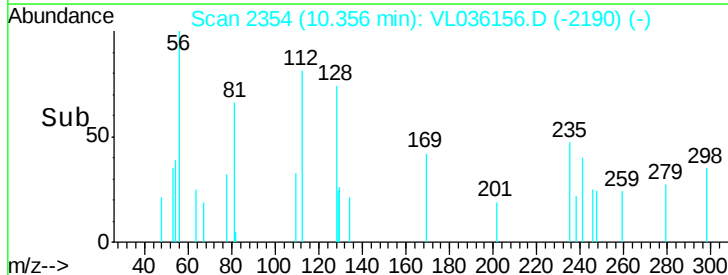
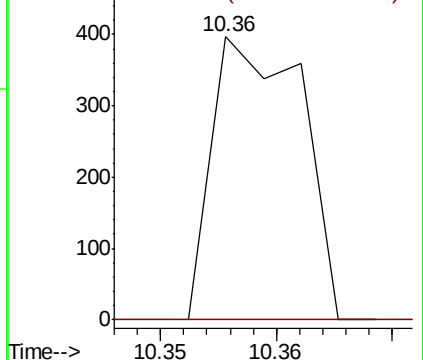


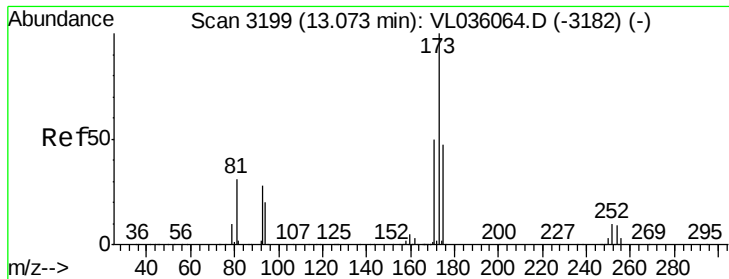
#48
 Dibromochloromethane
 Concen: 0.002 ppbv
 RT: 10.36 min Scan# 2354
 Delta R.T. 0.03 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

Tgt Ion: 129 Resp: 211
 Ion Ratio Lower Upper
 129 100
 127 53.6 39.0 117.0



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.001 ppbv

RT: 13.03 min Scan# 3185

Delta R.T. -0.04 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

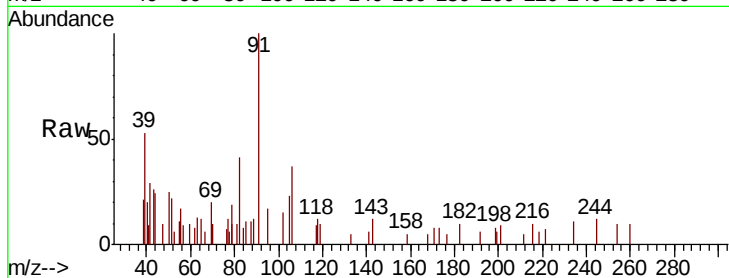
Tot Ion: 173 Resp: 80

Ion Ratio Lower Upper

173 100

175 0.0 39.8 59.6#

171 166.3 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

600

500

400

300

200

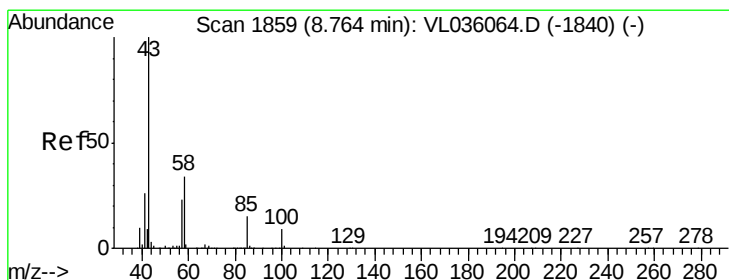
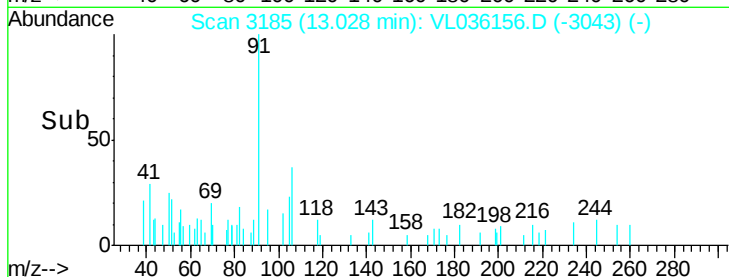
100

0

13.02

13.03

Time-->



#50

4-Methyl-2-Pentanone

Concen: 0.004 ppbv

RT: 8.72 min Scan# 1845

Delta R.T. -0.04 min

Lab File: VL036156.D

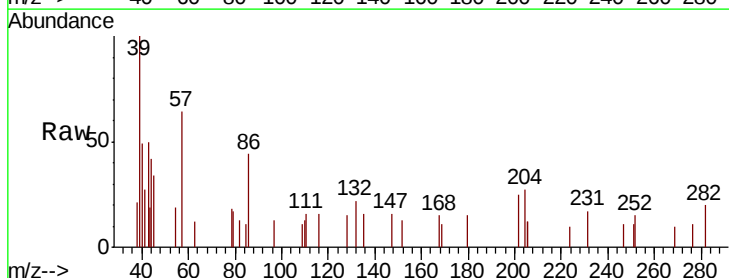
Acq: 11 Dec 2020 9:17

Tgt Ion: 43 Resp: 909

Ion Ratio Lower Upper

43 100

58 0.0 27.4 41.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

2500

2000

1500

1000

500

0

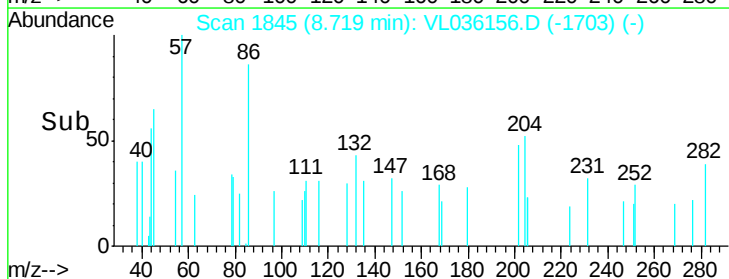
8.70

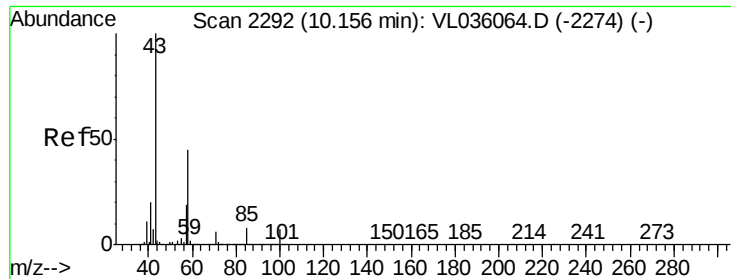
8.71

8.72

8.73

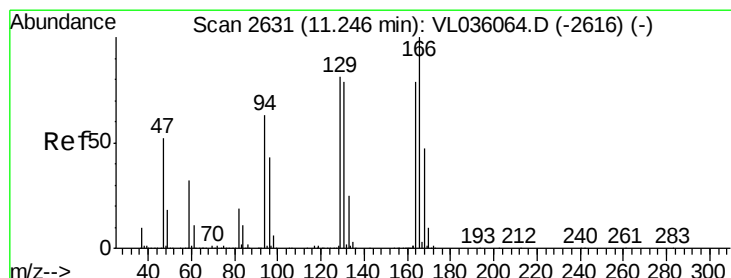
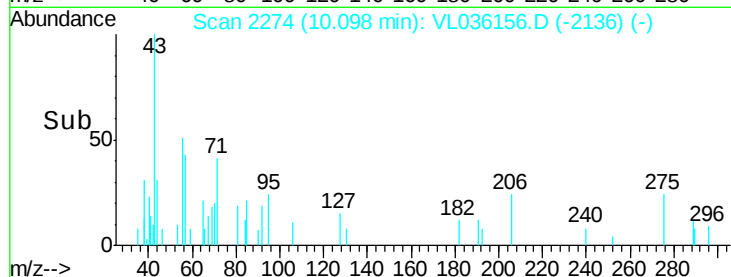
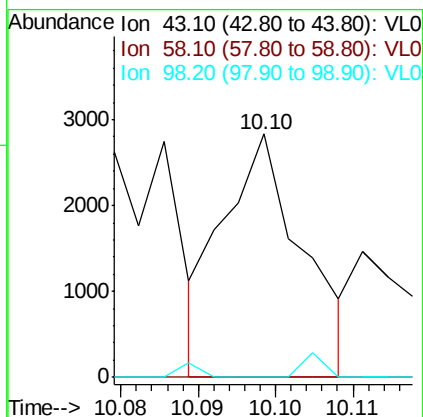
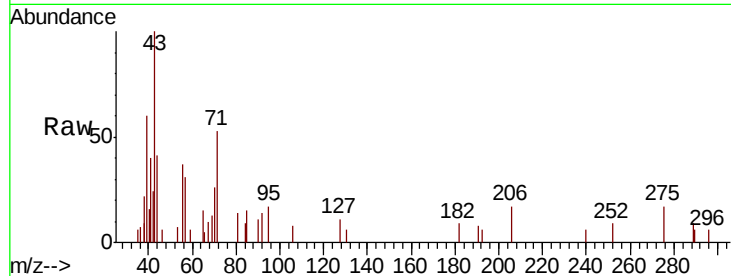
Time-->





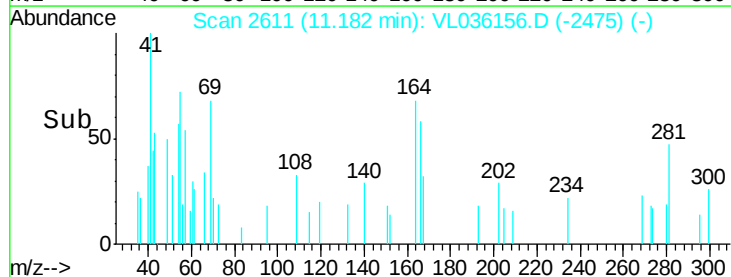
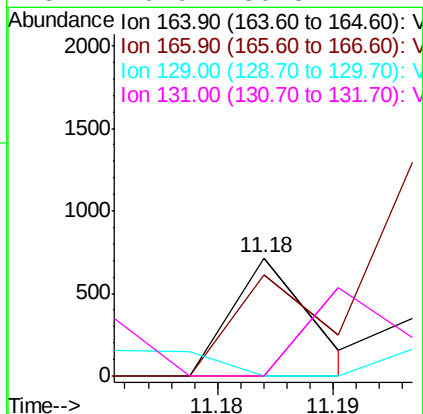
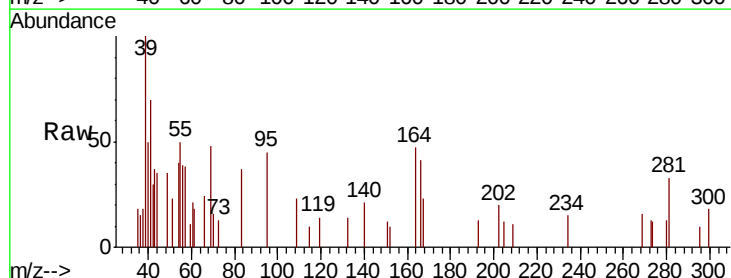
#51
2-Hexanone
Concen: 0.010 ppbv
RT: 10.10 min Scan# 2274
Delta R.T. -0.06 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

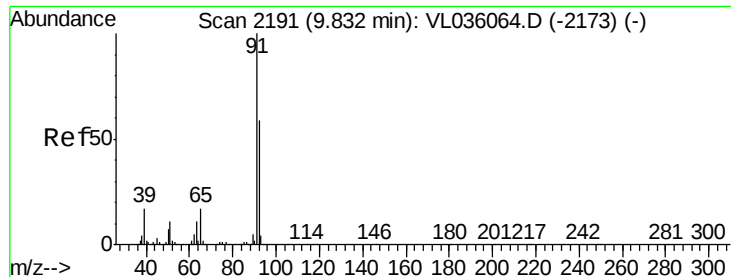
Tot Ion:	43	Resp:	2021
Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.7	58.1#
98	0.0	0.1	0.1#



#52
Tetrachloroethene
Concen: 0.002 ppbv
RT: 11.18 min Scan# 2611
Delta R.T. -0.06 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

Tgt Ion:	164	Resp:	168
Ion	Ratio	Lower	Upper
164	100		
166	85.8	101.9	152.9#
129	0.0	82.1	123.1#
131	0.0	80.8	121.2#





#53

Toluene

Concen: 2.308 ppbv

RT: 9.79 min Scan# 2177

Delta R.T. -0.04 min

Lab File: VL036156.D

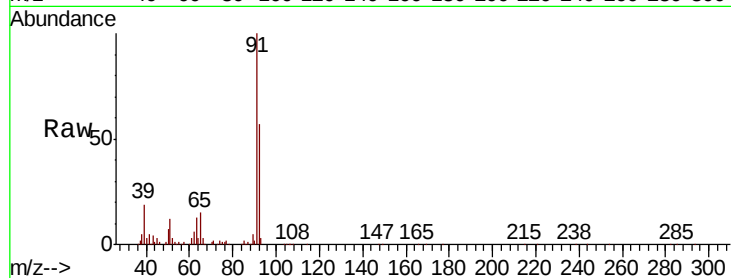
Acq: 11 Dec 2020 9:17

Tot Ion: 91 Resp: 552493

Ion Ratio Lower Upper

91 100

92 61.9 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

9.79

250000

200000

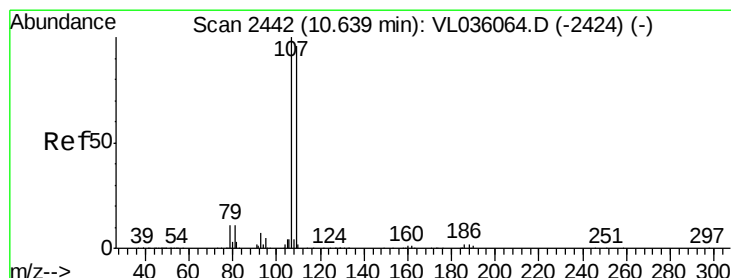
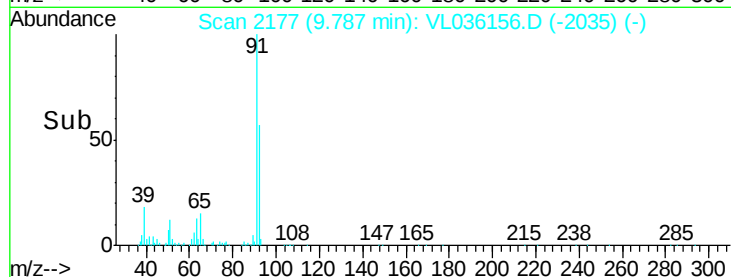
150000

100000

50000

0

Time--> 9.70 9.75 9.80 9.85



#54

1,2-Dibromoethane

Concen: 0.001 ppbv

RT: 10.62 min Scan# 2437

Delta R.T. -0.02 min

Lab File: VL036156.D

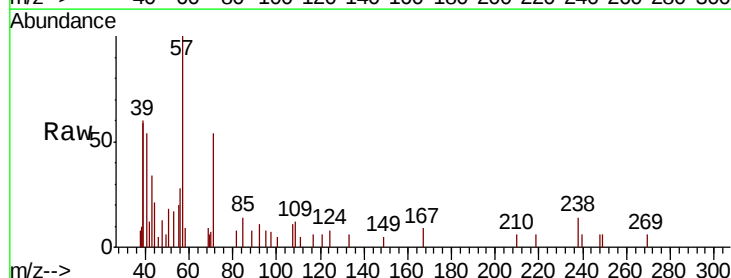
Acq: 11 Dec 2020 9:17

Tgt Ion: 107 Resp: 113

Ion Ratio Lower Upper

107 100

109 107.0 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

600

500

400

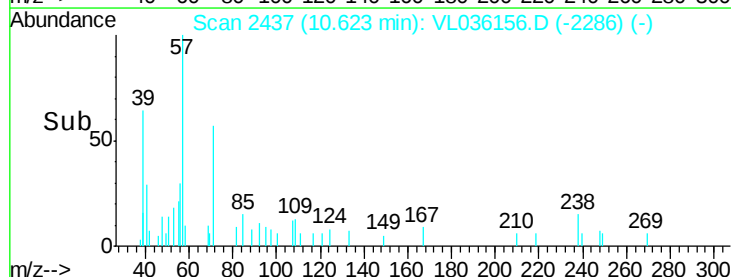
300

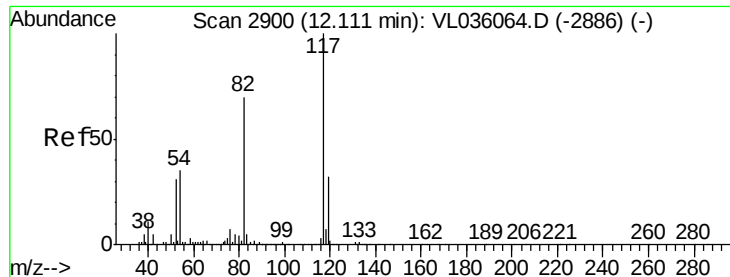
200

100

0

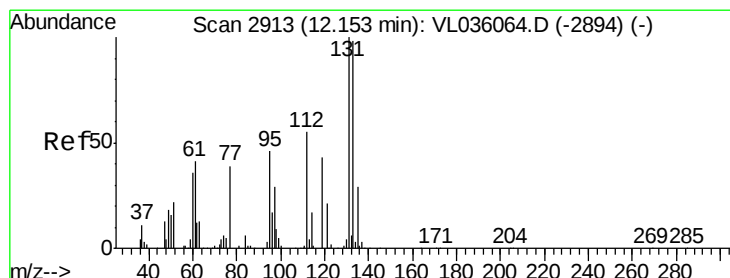
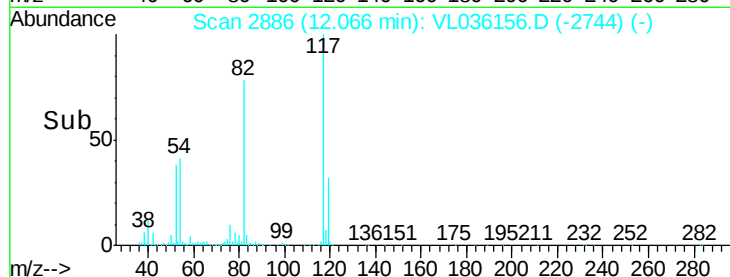
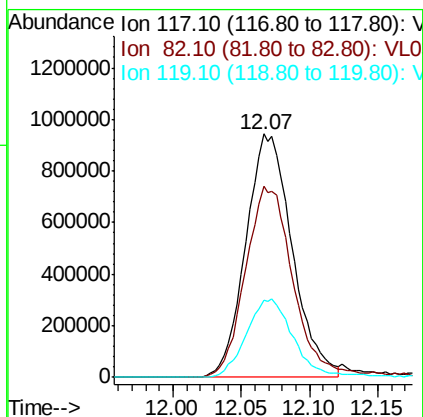
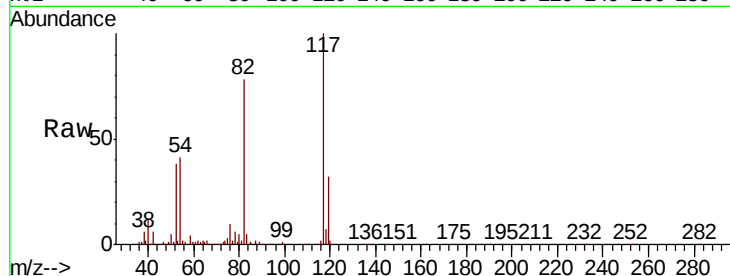
Time--> 10.61 10.62





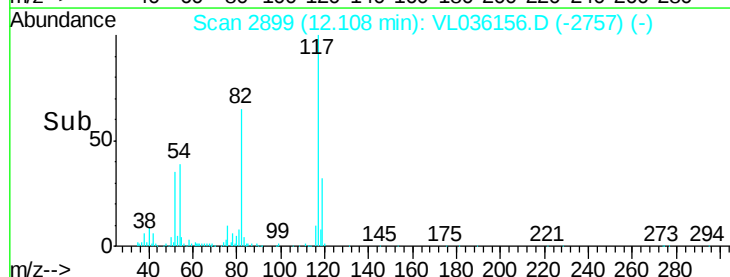
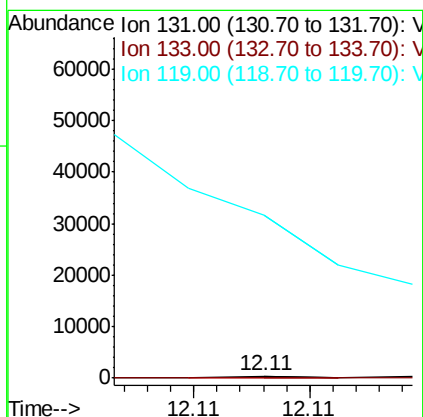
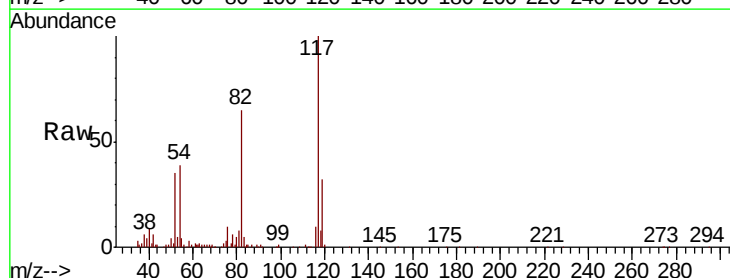
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.04 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

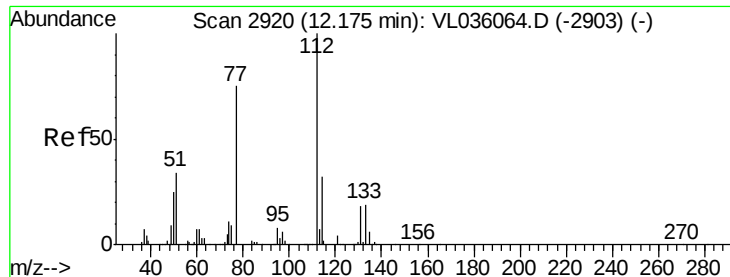
Tot Ion:117 Resp: 2222882
Ion Ratio Lower Upper
117 100
82 82.5 0.0 0.0#
119 33.1 0.0 0.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.04 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

Tgt Ion:131 Resp: 66
Ion Ratio Lower Upper
131 100
133 0.0 77.7 116.5#
119 0.0 51.6 77.4#





#57

Chlorobenzene

Concen: 0.005 ppbv

RT: 12.14 min Scan# 2908

Delta R.T. -0.04 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

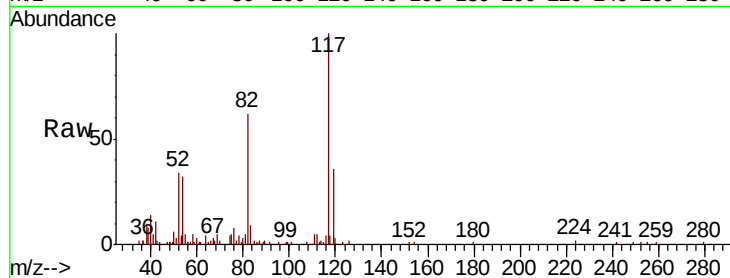
Tot Ion: 112 Resp: 715

Ion Ratio Lower Upper

112 100

77 0.0 60.5 90.7#

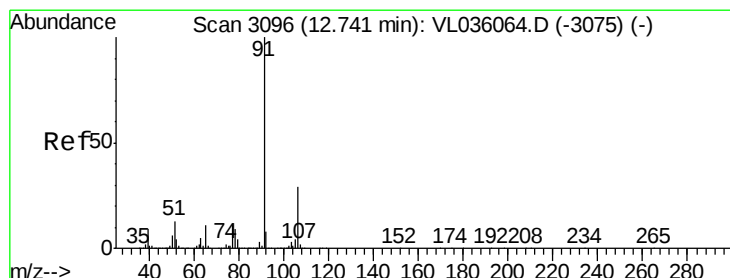
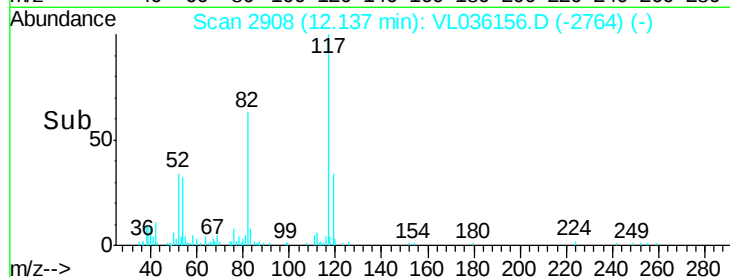
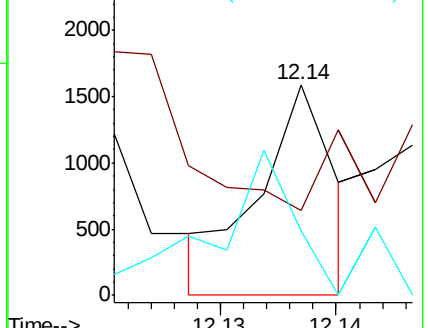
114 73.5 29.2 35.6#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.186 ppbv m

RT: 12.70 min Scan# 3083

Delta R.T. -0.04 min

Lab File: VL036156.D

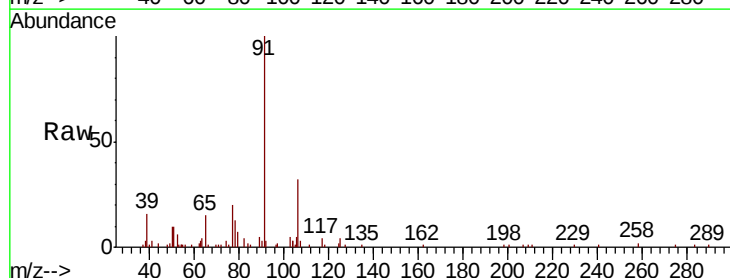
Acq: 11 Dec 2020 9:17

Tgt Ion: 91 Resp: 56562

Ion Ratio Lower Upper

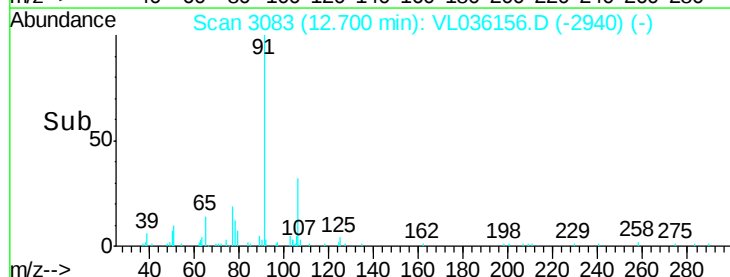
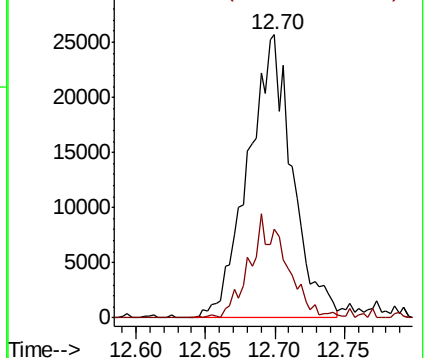
91 100

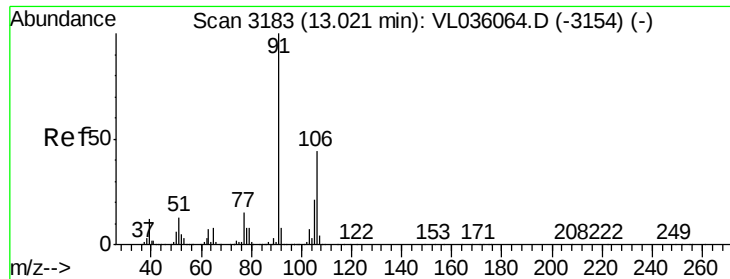
106 31.5 23.0 34.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

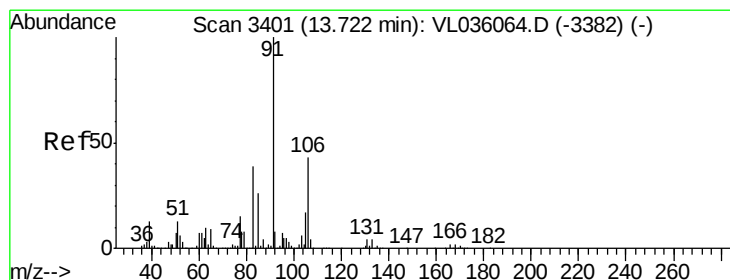
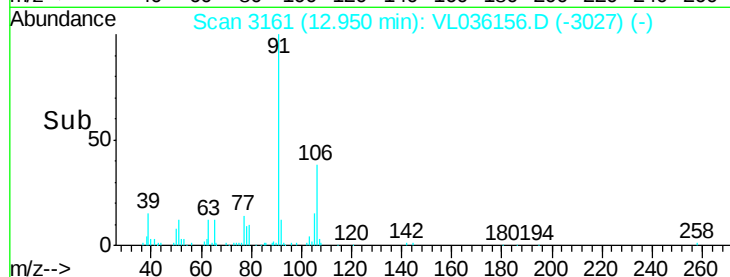
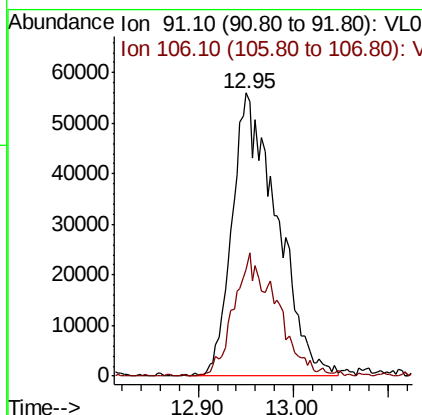
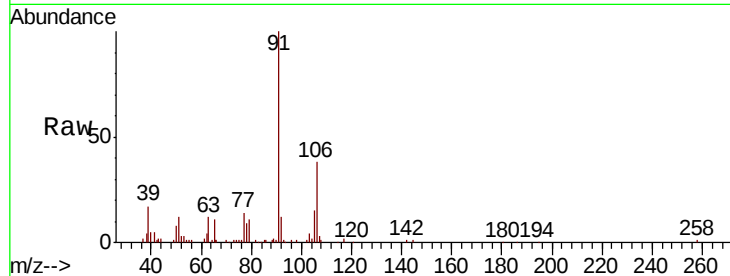
Ion 106.10 (105.80 to 106.80): V





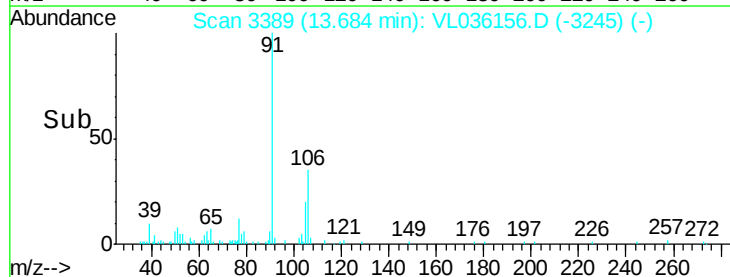
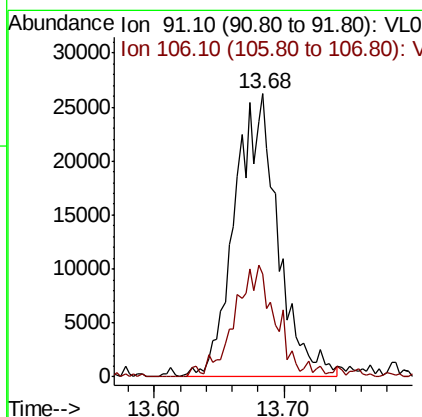
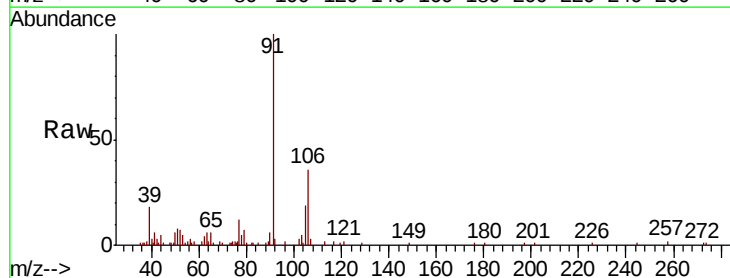
#59
m/p-Xylene
Concen: 0.715 ppbv m
RT: 12.95 min Scan# 3161
Delta R.T. -0.07 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

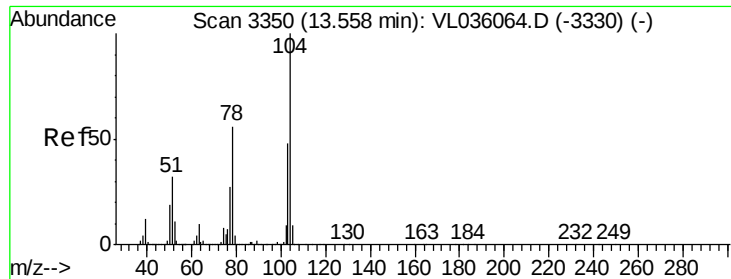
Tot Ion: 91 Resp: 183343
Ion Ratio Lower Upper
91 100
106 0.0 33.6 50.4#



#60
o-Xylene
Concen: 0.251 ppbv m
RT: 13.68 min Scan# 3389
Delta R.T. -0.04 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

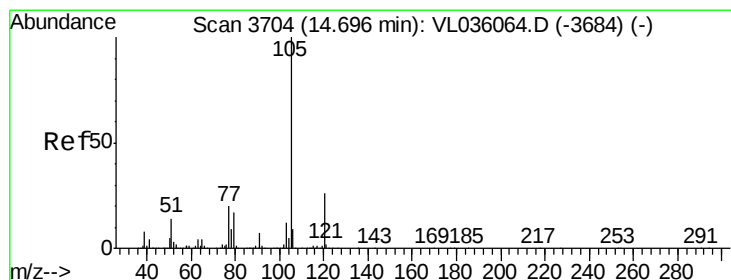
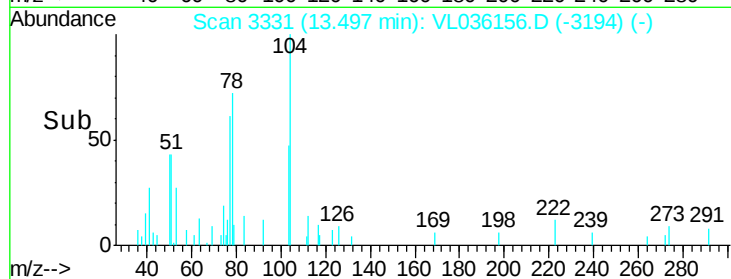
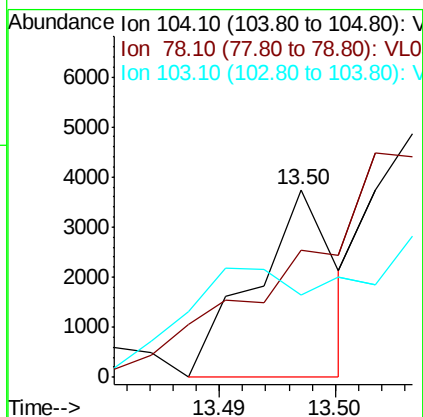
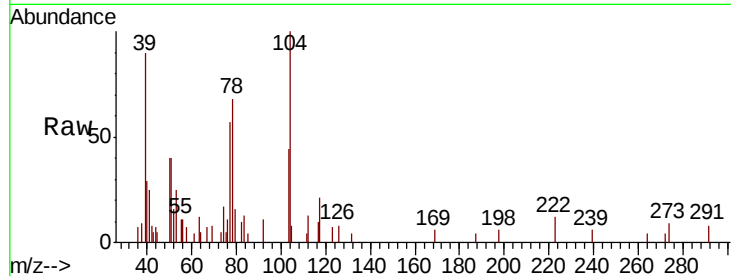
Tgt Ion: 91 Resp: 60596
Ion Ratio Lower Upper
91 100
106 0.0 21.6 64.6#





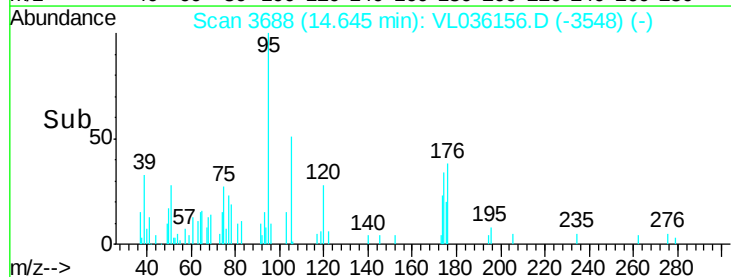
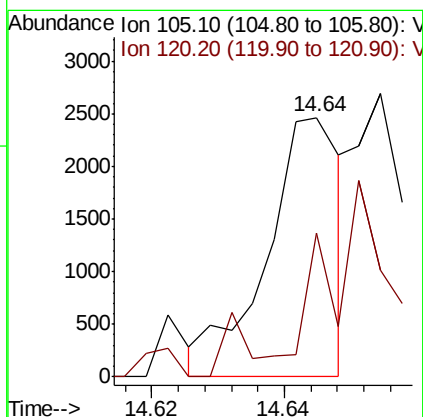
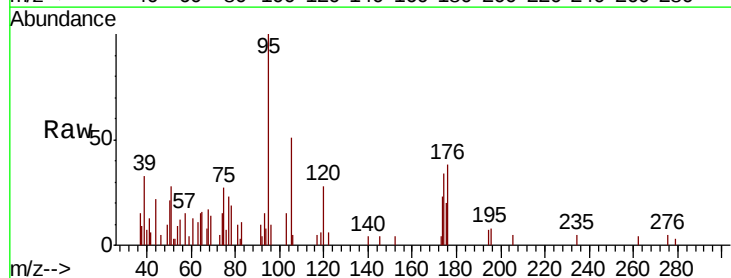
#61
Stvrene
Concen: 0.012 ppbv
RT: 13.50 min Scan# 3331
Delta R.T. -0.06 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

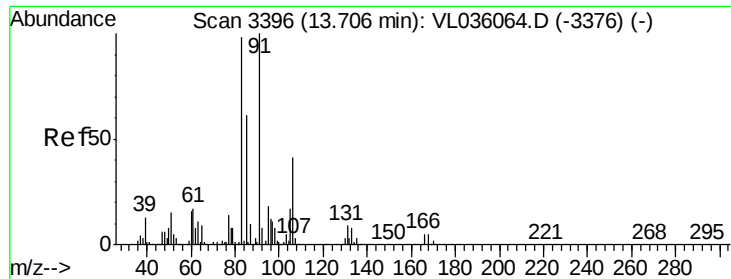
Tot Ion:104 Resp: 1794
Ion Ratio Lower Upper
104 100
78 511.7 45.8 68.8#
103 0.0 38.6 57.8#



#62
Isopropylbenzene
Concen: 0.005 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.05 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

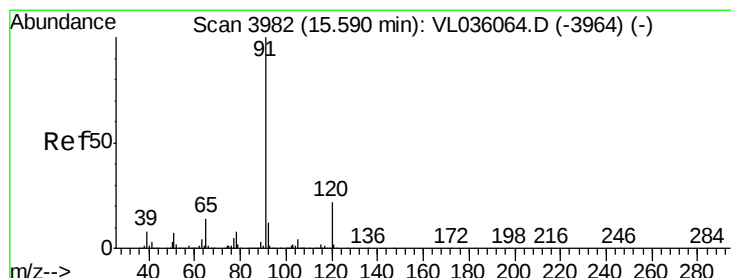
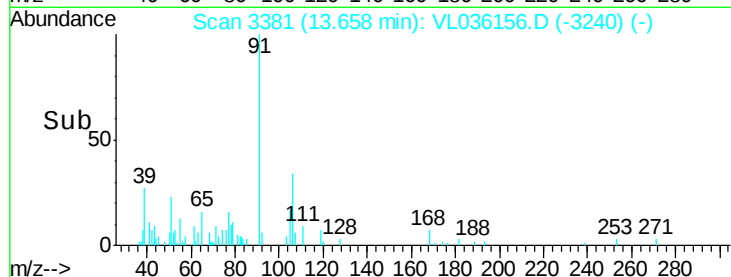
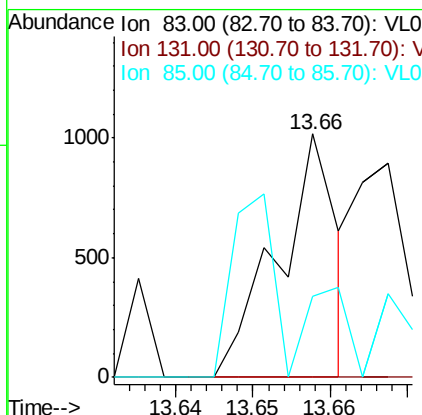
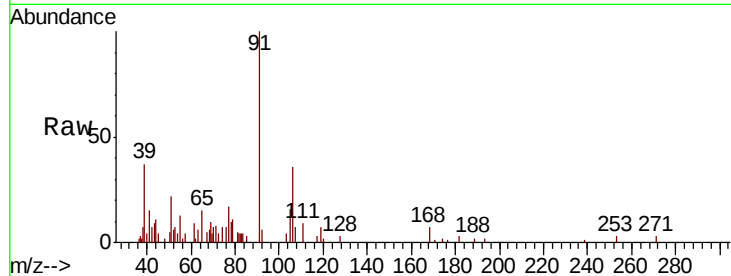
Tgt Ion:105 Resp: 1915
Ion Ratio Lower Upper
105 100
120 0.0 20.1 30.1#





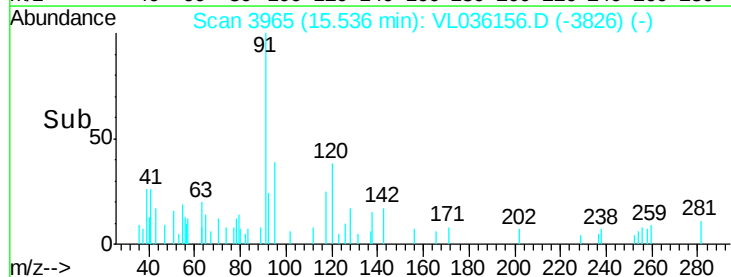
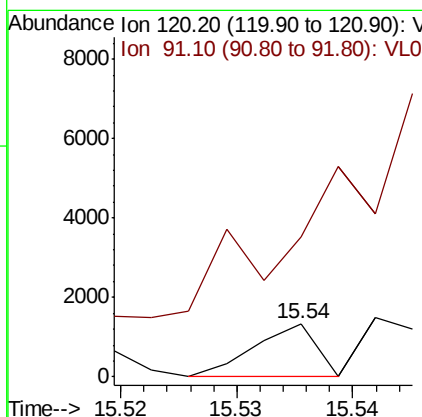
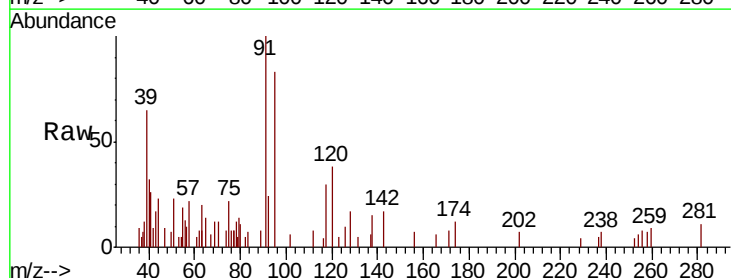
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.003 ppbv
 RT: 13.66 min Scan# 3381
 Delta R.T. -0.05 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

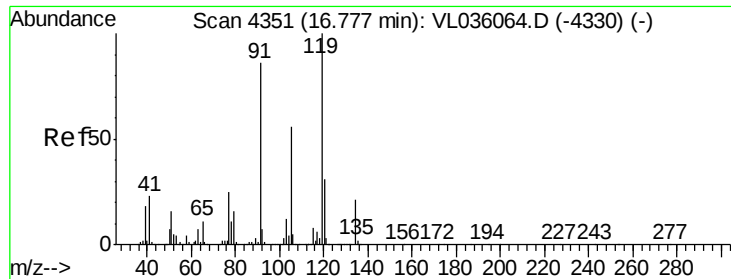
Tot Ion: 83 Resp: 535
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.6 13.8#
 85 135.7 32.5 97.5#



#64
 n-propylbenzene
 Concen: 0.006 ppbv
 RT: 15.54 min Scan# 3965
 Delta R.T. -0.05 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

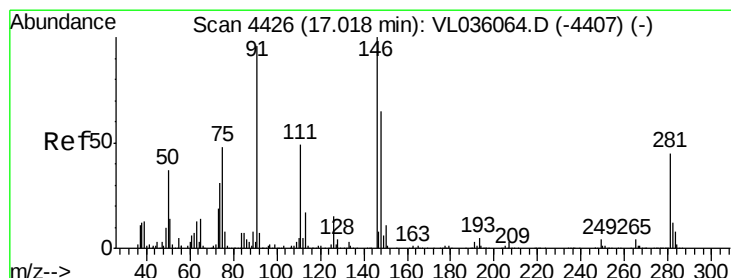
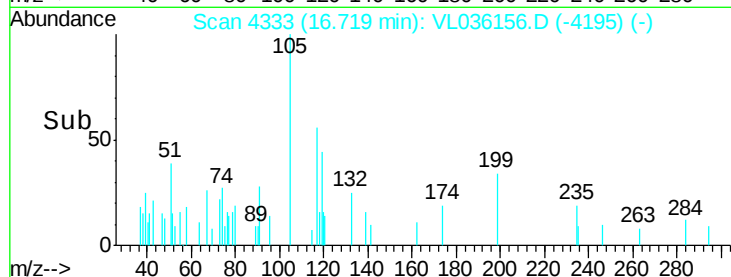
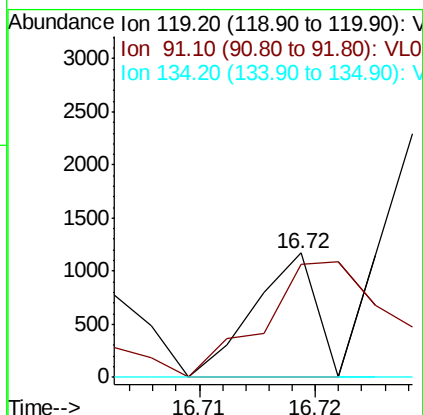
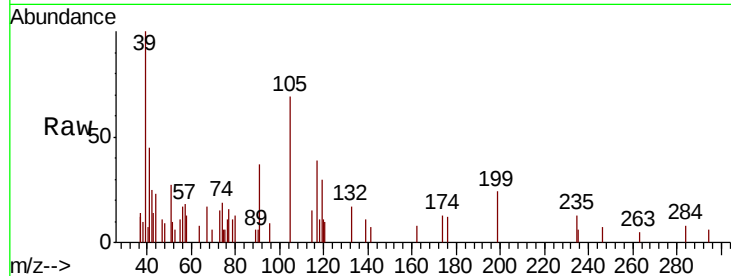
Tgt Ion:120 Resp: 501
 Ion Ratio Lower Upper
 120 100
 91 0.0 388.9 583.3#





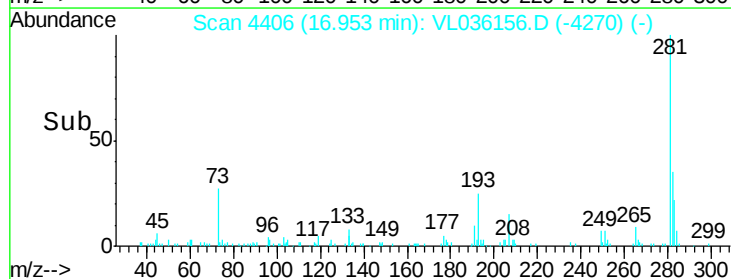
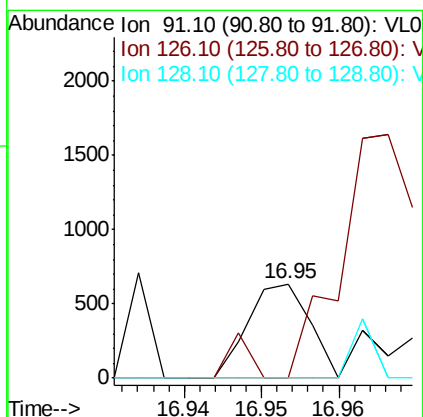
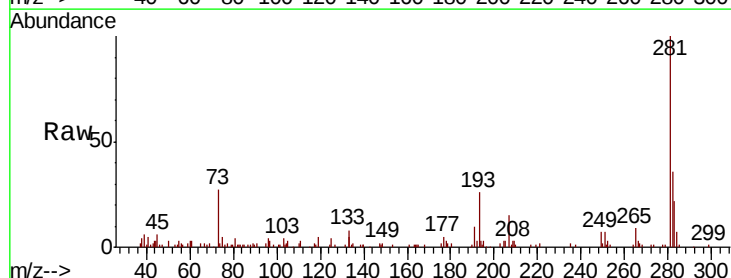
#65
tert-Butylbenzene
Concen: 0.001 ppbv
RT: 16.72 min Scan# 4333
Delta R.T. -0.06 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

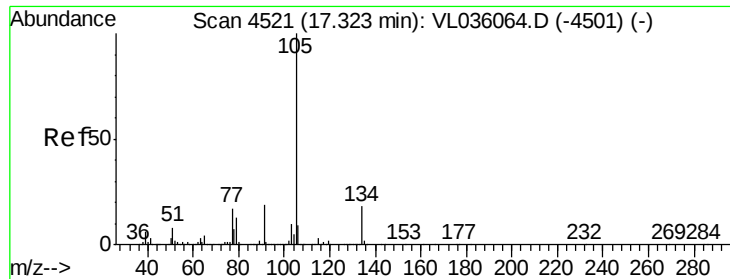
Tot Ion: 119 Resp: 437
Ion Ratio Lower Upper
119 100
91 0.0 70.2 105.2#
134 0.0 15.8 23.6#



#66
Benzyl Chloride
Concen: 0.005 ppbv
RT: 16.95 min Scan# 4406
Delta R.T. -0.06 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

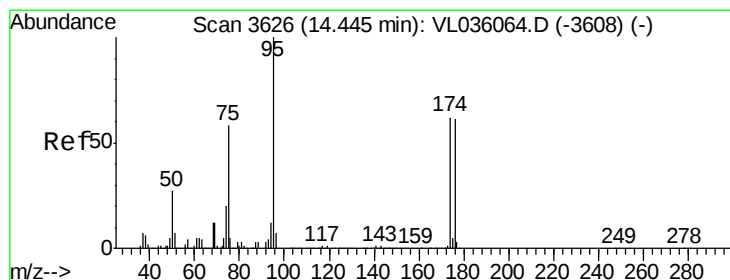
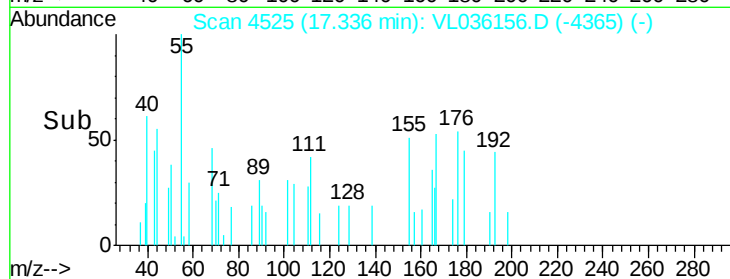
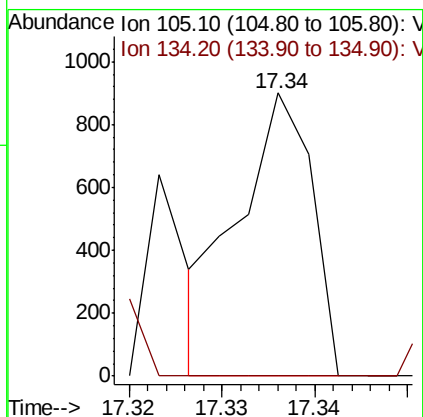
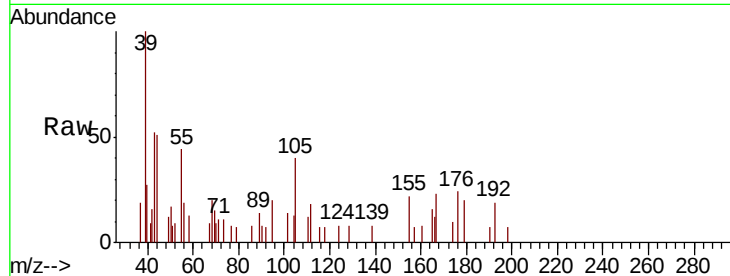
Tgt Ion: 91 Resp: 354
Ion Ratio Lower Upper
91 100
126 0.0 13.5 20.3#
128 0.0 4.4 6.6#





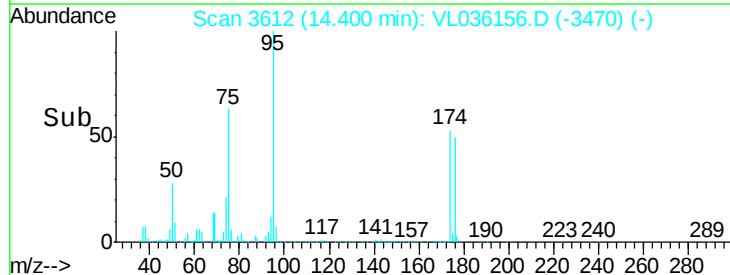
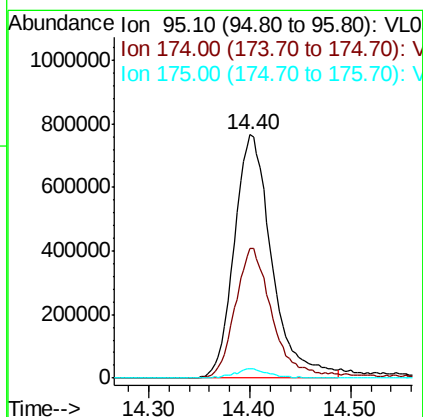
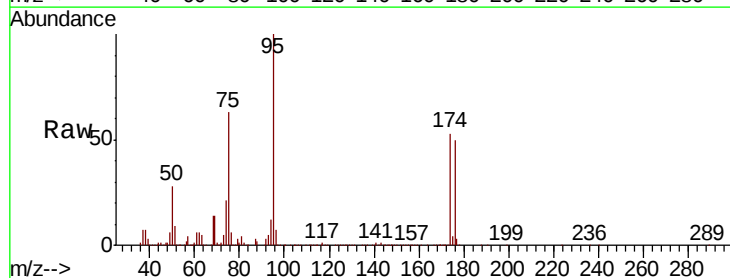
#67
 sec-Butylbenzene
 Concen: 0.001 ppbv
 RT: 17.34 min Scan# 4525
 Delta R.T. 0.01 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

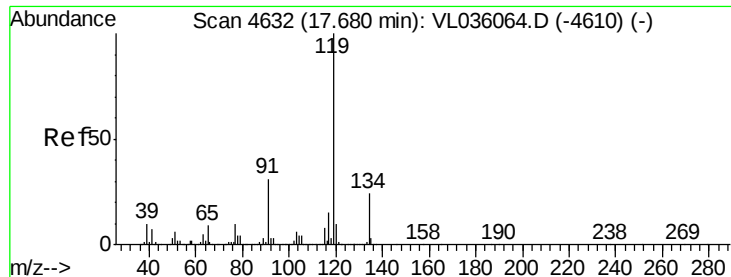
Tot Ion: 105 Resp: 495
 Ion Ratio Lower Upper
 105 100
 134 14.5 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.225 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.04 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

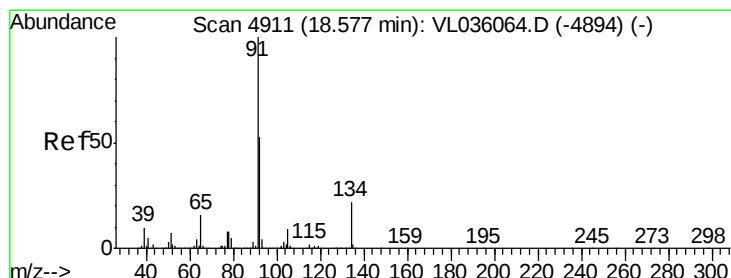
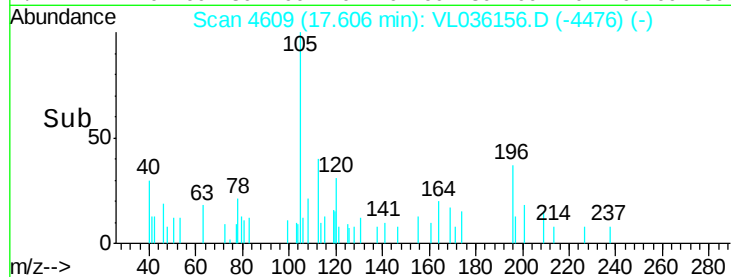
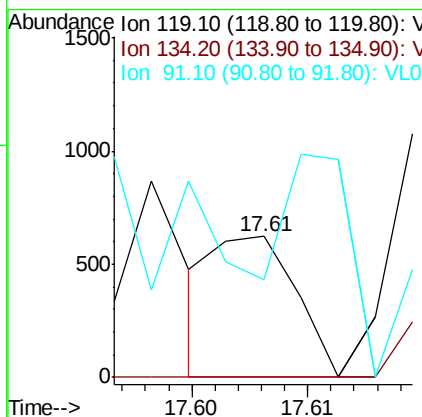
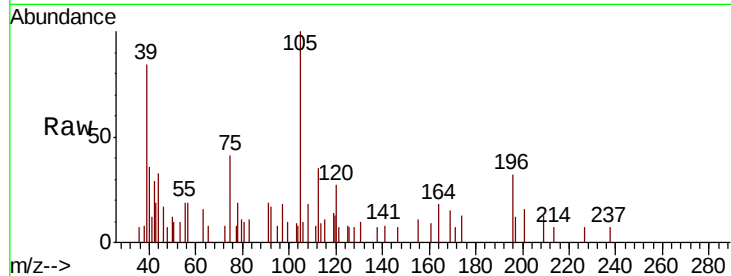
Tgt Ion: 95 Resp: 1981287
 Ion Ratio Lower Upper
 95 100
 174 55.1 50.7 76.1
 175 3.8 4.0 6.0#





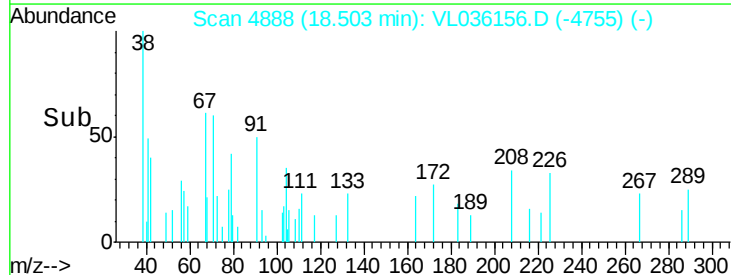
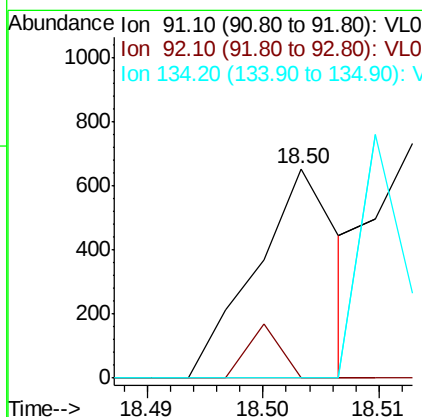
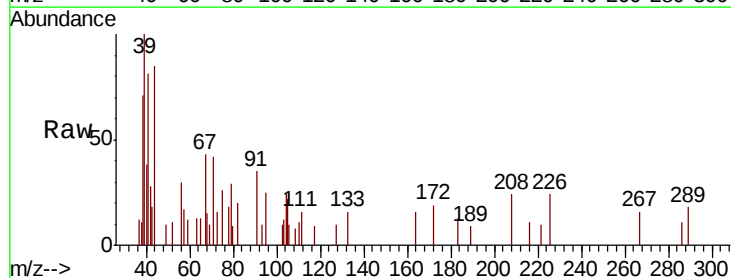
#69
 p-Isopropyltoluene
 Concen: 0.001 ppbv
 RT: 17.61 min Scan# 4609
 Delta R.T. -0.07 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

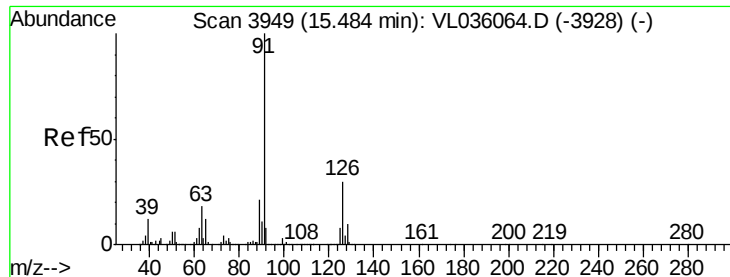
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.8	29.6#
91	749.3	25.8	38.6#



#70
 n-Butylbenzene
 Concen: 0.001 ppbv
 RT: 18.50 min Scan# 4888
 Delta R.T. -0.07 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

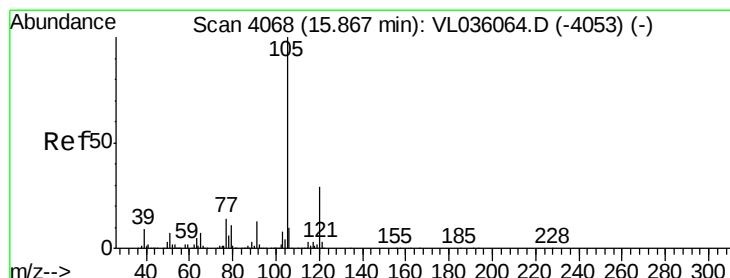
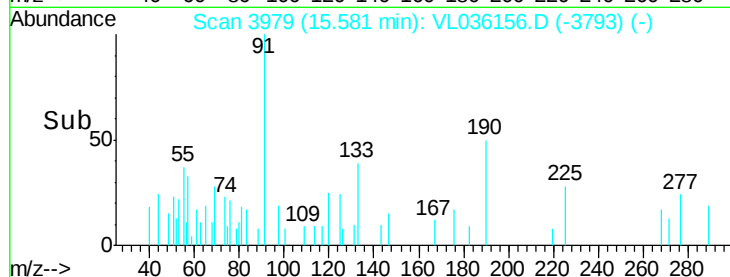
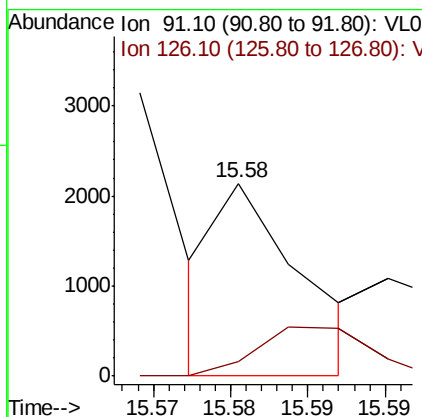
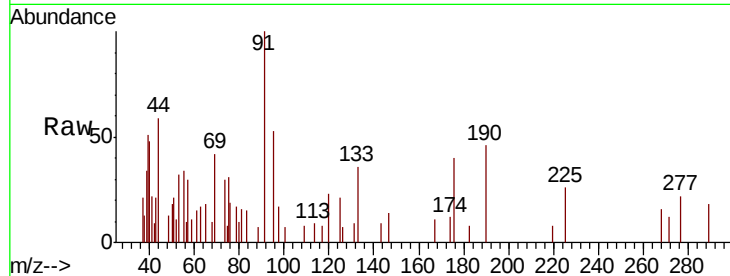
Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.3	64.9#
134	0.0	17.1	25.7#





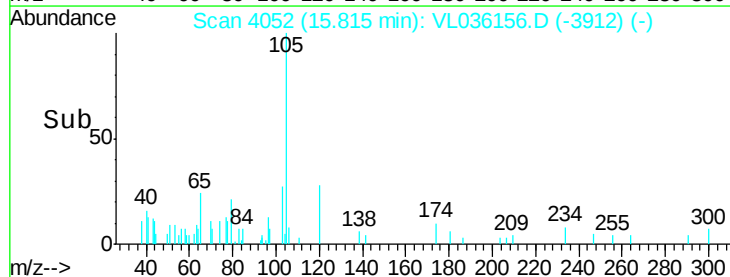
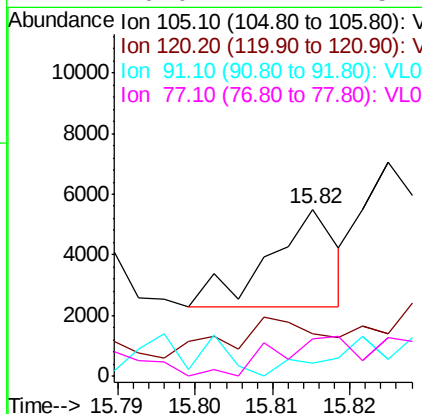
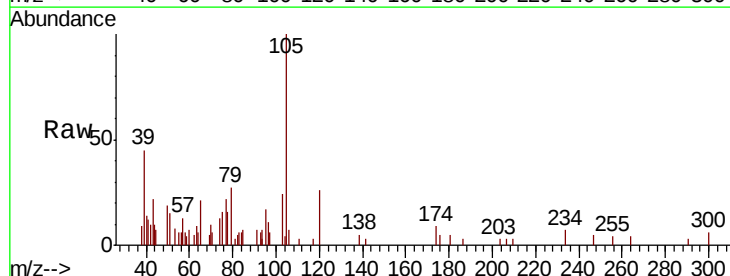
#71
 2-Chlorotoluene
 Concen: 0.003 ppbv
 RT: 15.58 min Scan# 3979
 Delta R.T. 0.10 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

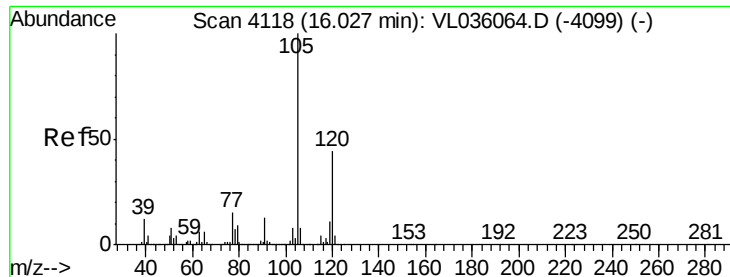
Tot Ion: 91 Resp: 810
 Ion Ratio Lower Upper
 91 100
 126 34.2 11.6 46.4



#72
 4-Ethyltoluene
 Concen: 0.007 ppbv
 RT: 15.82 min Scan# 4052
 Delta R.T. -0.05 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

Tgt Ion: 105 Resp: 1937
 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#





#73

1,3,5-Trimethylbenzene

Concen: 0.017 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. -0.05 min

Lab File: VL036156.D

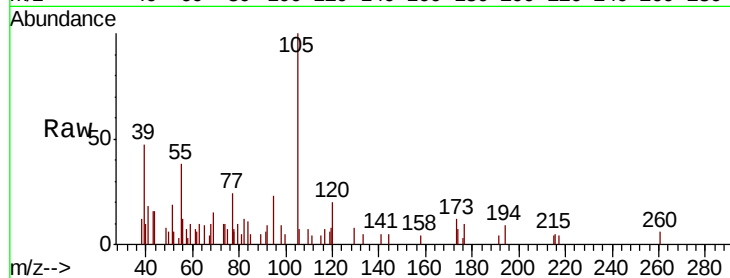
Acq: 11 Dec 2020 9:17

Tot Ion:105 Resp: 4144

Ion Ratio Lower Upper

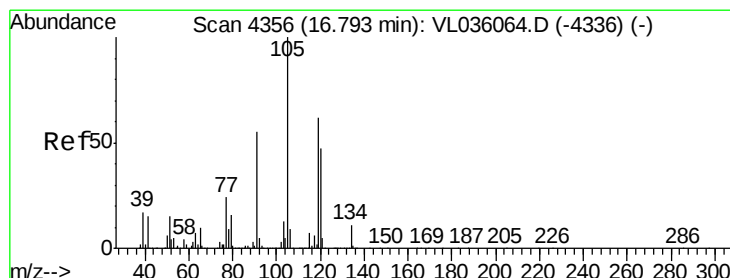
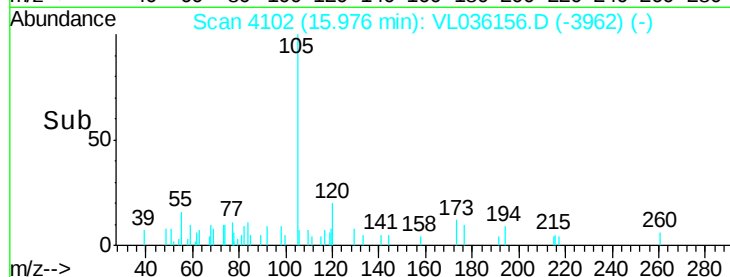
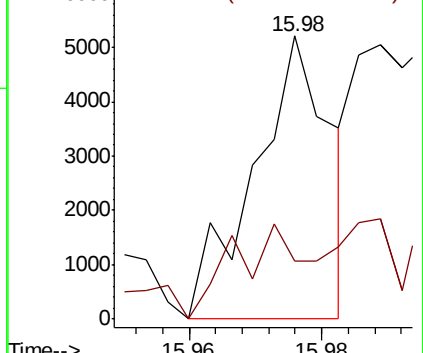
105 100

120 19.2 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: 0.003 ppbv

RT: 16.72 min Scan# 4333

Delta R.T. -0.07 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

Tgt Ion:105 Resp: 841

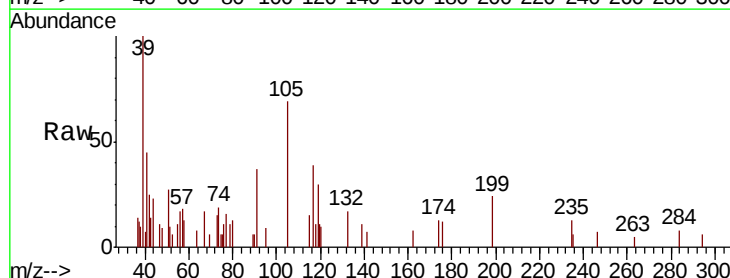
Ion Ratio Lower Upper

105 100

120 14.3 37.4 56.0#

91 45.4 45.6 68.4#

77 9.4 19.4 29.2#

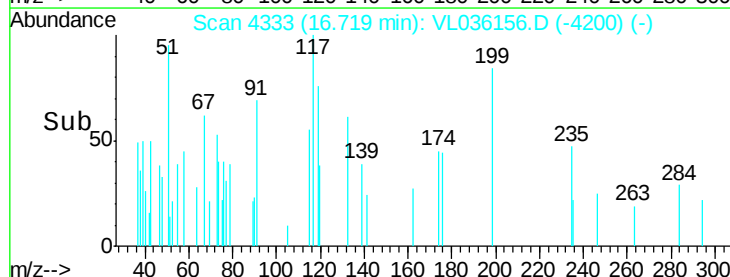
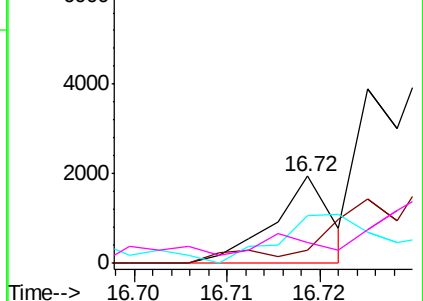


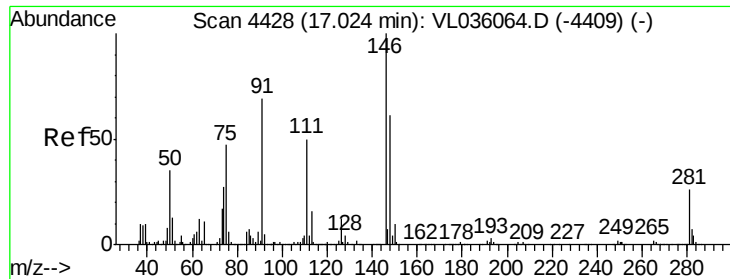
Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.001 ppbv

RT: 16.96 min Scan# 4408

Delta R.T. -0.06 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

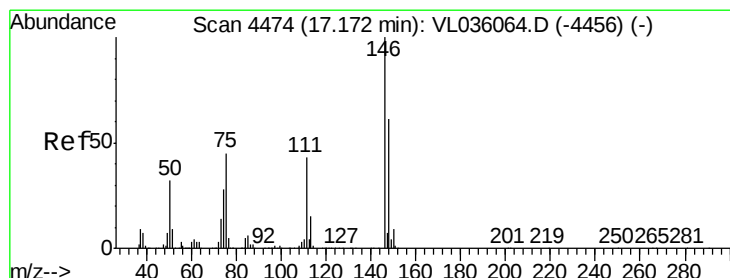
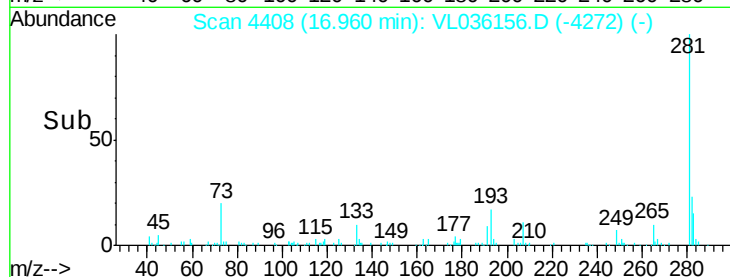
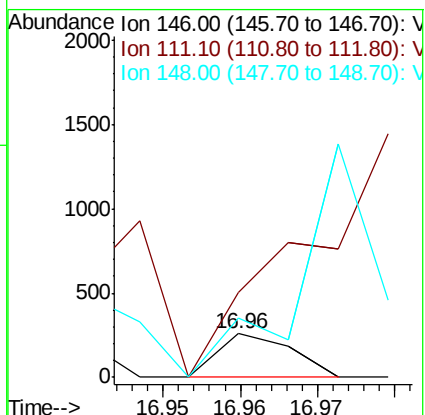
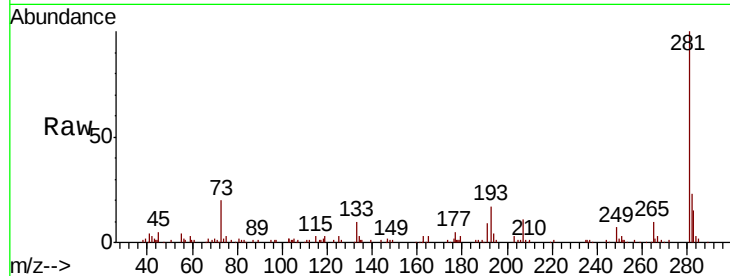
Tot Ion:146 Resp: 86

Ion Ratio Lower Upper

146 100

111 2718.6 25.1 75.3#

148 722.1 32.9 98.6#



#76

1,4-Dichlorobenzene

Concen: 0.004 ppbv

RT: 17.11 min Scan# 4454

Delta R.T. -0.06 min

Lab File: VL036156.D

Acq: 11 Dec 2020 9:17

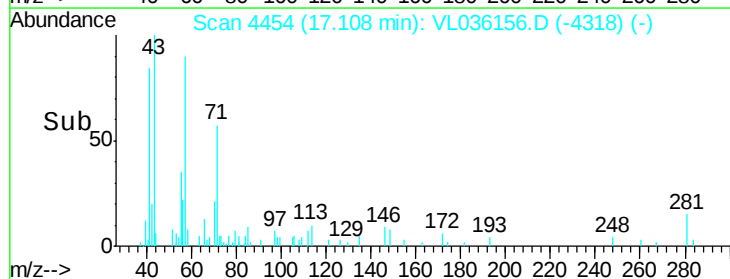
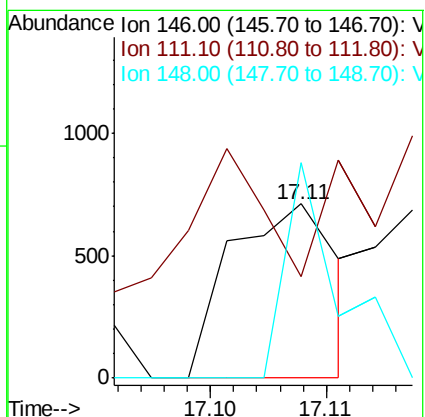
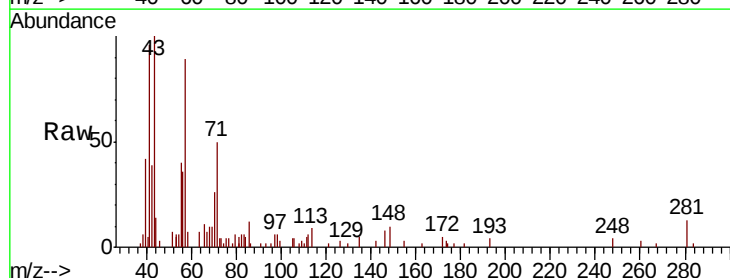
Tgt Ion:146 Resp: 451

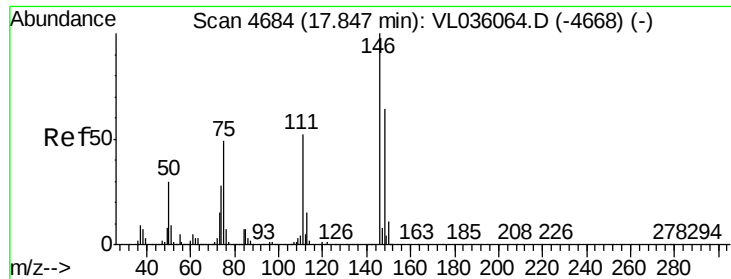
Ion Ratio Lower Upper

146 100

111 0.0 24.3 72.8#

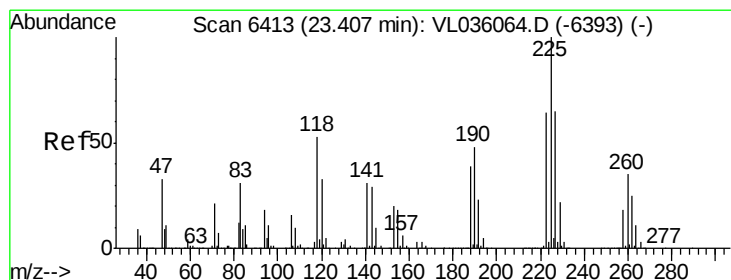
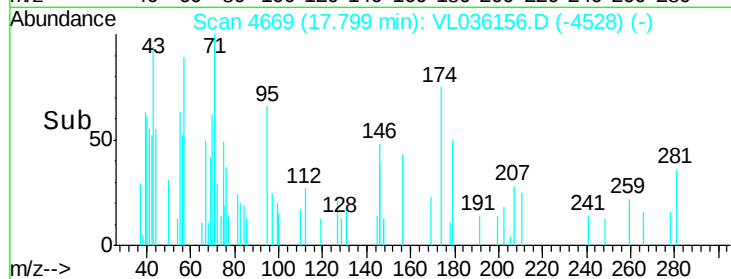
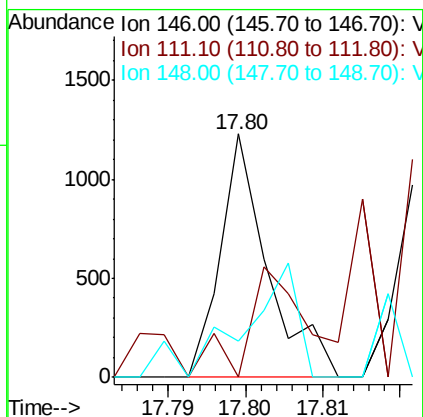
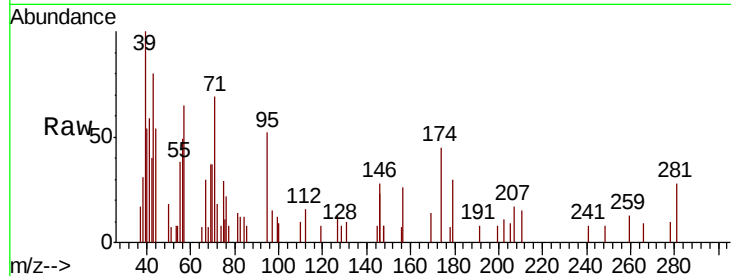
148 0.0 32.8 98.3#





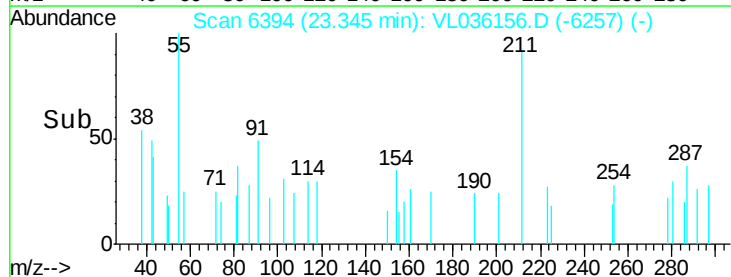
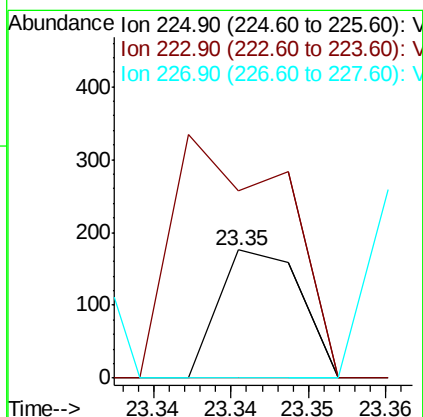
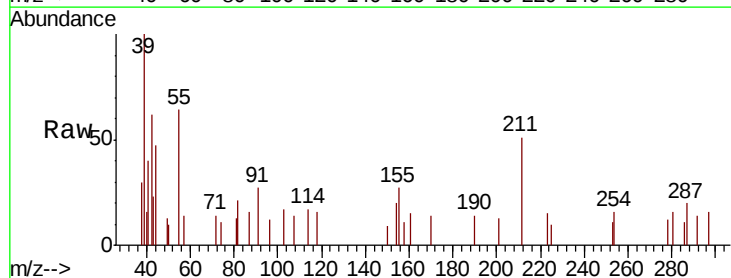
#77
 1,2-Dichlorobenzene
 Concen: 0.004 ppbv
 RT: 17.80 min Scan# 4669
 Delta R.T. -0.05 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

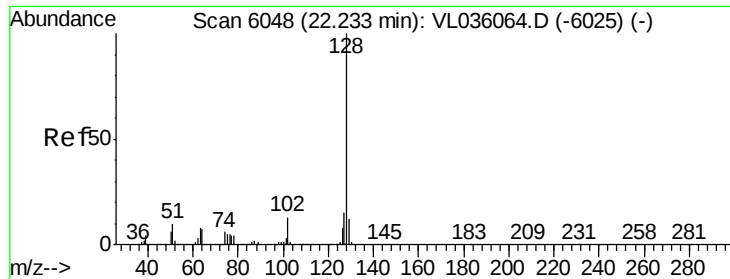
Tot Ion:146 Resp: 523
 Ion Ratio Lower Upper
 146 100
 111 0.0 26.1 78.2#
 148 56.4 33.1 99.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.001 ppbv
 RT: 23.35 min Scan# 6394
 Delta R.T. -0.06 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

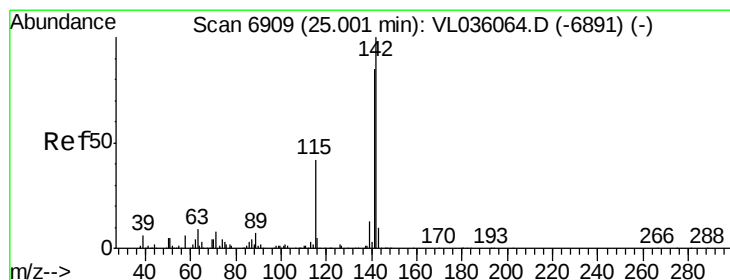
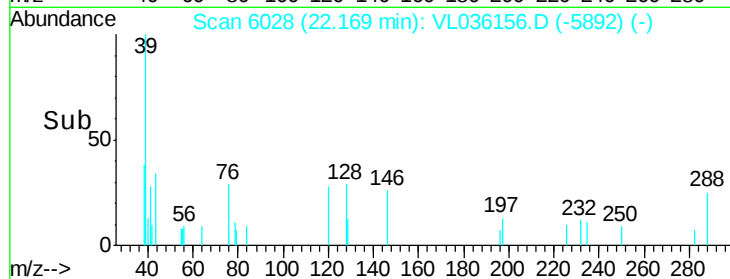
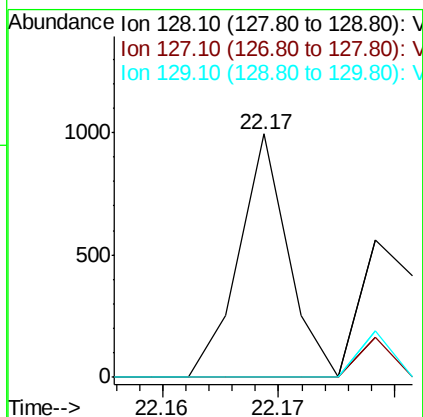
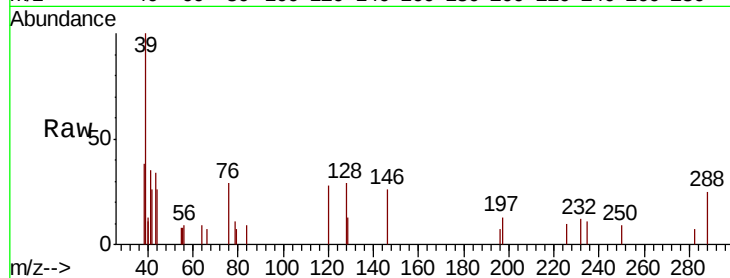
Tgt Ion:225 Resp: 65
 Ion Ratio Lower Upper
 225 100
 223 304.6 51.1 76.7#
 227 369.2 51.7 77.5#





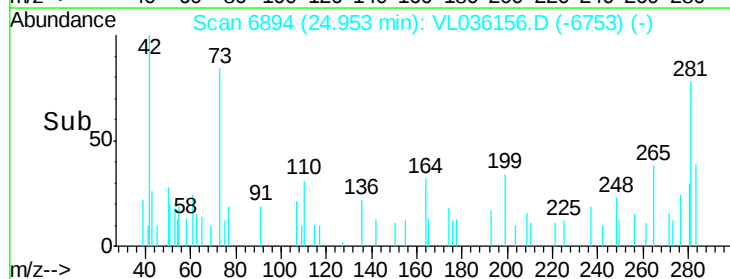
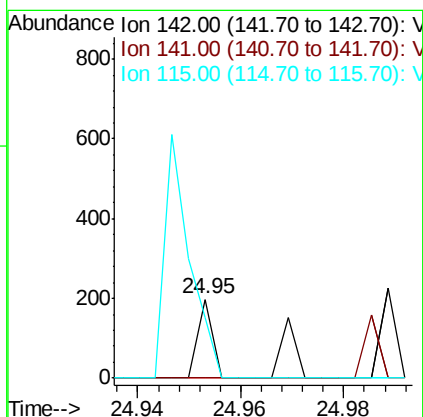
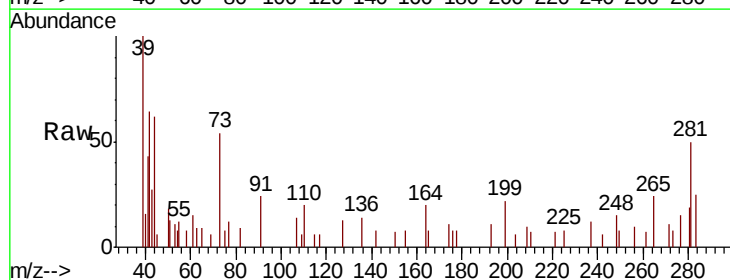
#79
Naphthalene
Concen: 0.002 ppbv
RT: 22.17 min Scan# 6028
Delta R.T. -0.06 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

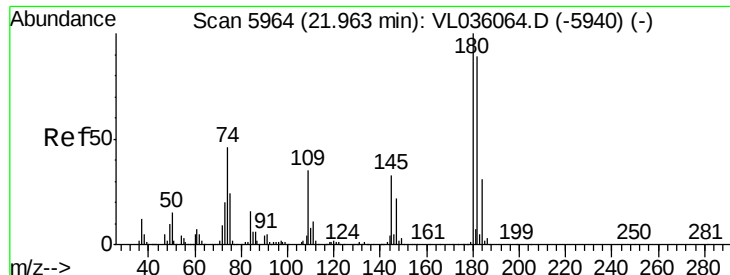
Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.7	17.5#
129	0.0	9.3	13.9#



#80
Naphthalene, 2-methyl-
Concen: 0.002 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. -0.05 min
Lab File: VL036156.D
Acq: 11 Dec 2020 9:17

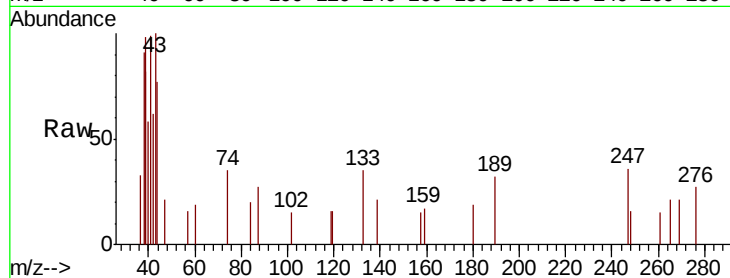
Tgt Ion	Ratio	Lower	Upper
142	100		
141	168.7	64.3	96.5#
115	306.0	33.9	50.9#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.000 ppbv
 RT: 21.91 min Scan# 5946
 Delta R.T. -0.06 min
 Lab File: VL036156.D
 Acq: 11 Dec 2020 9:17

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	0.0	0.0
184	416.2	0.0	0.0#



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

