

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036145.D
 Acq On : 11 Dec 2020 2:06
 Operator : SY/AP
 Sample : L4948-10
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 14 22:19:49 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	1303850	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2584344	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2265899	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2006166	11.15	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.03	85	52139m	0.343	ppbv
3) Chlorodifluoromethane	2.97	51	189370	1.273	ppbv 93
4) Chloromethane	3.13	50	33782	0.463	ppbv 94
5) Vinyl Chloride	3.24	62	256	0.003	ppbv # 87
6) Bromomethane	3.46	94	530	0.013	ppbv # 32
7) Chloroethane	3.55	64	81	0.003	ppbv # 40
8) Dichlorotetrafluoroethane	3.17	85	1793	0.011	ppbv 96
9) Propene	3.00	41	141156m	1.894	ppbv
10) Heptane	8.10	43	116247	0.611	ppbv 94
11) Trichlorofluoromethane	3.93	101	249459	1.396	ppbv 92
12) 1,1,2-Trichlorotrifluoroet	4.47	101	2946	0.024	ppbv # 12
13) Ethanol	3.60	45	880792	85.737	ppbv 89
14) Bromoethene	3.73	108	75	0.002	ppbv # 1
15) Acetone	3.83	43	3193537m	20.380	ppbv
17) tert-Butyl alcohol	4.29	59	327319m	2.156	ppbv
18) 1,1-Dichloroethene	4.27	96	204	0.004	ppbv # 1
19) Isopropyl Alcohol	3.96	45	197986	2.067	ppbv # 100
20) Methylene Chloride	4.33	84	353628	5.507	ppbv 99
22) trans-1,2-Dichloroethene	4.87	96	163	0.003	ppbv # 20
24) 1,1-Dichloroethane	5.05	63	107	0.001	ppbv # 88
26) Hexane	5.67	57	276369	1.962	ppbv # 45
27) Carbon Disulfide	4.53	76	140129m	1.001	ppbv
28) Methyl tert-Butyl Ether	5.01	73	540	0.003	ppbv # 51
29) Chloroform	5.73	83	117077m	0.633	ppbv
30) Cyclohexane	7.11	84	213096m	2.059	ppbv
31) cis-1,2-Dichloroethene	5.53	61	407	0.003	ppbv # 47
32) 1,1,1-Trichloroethane	6.49	97	1531	0.008	ppbv # 39
34) 2-Butanone	5.23	43	565097	3.296	ppbv 100
35) Carbon Tetrachloride	7.00	117	11806m	0.078	ppbv
36) Benzene	6.87	78	112090	0.512	ppbv 95
38) Trichloroethene	7.82	130	369	0.005	ppbv # 39
40) 1,4-Dioxane	7.82	88	29	0.001	ppbv # 1
41) Tetrahydrofuran	6.05	42	64984	0.638	ppbv 94
42) Bromodichloromethane	7.77	83	1485	0.009	ppbv # 26
43) Methyl Methacrylate	7.99	69	429	0.005	ppbv # 1
44) 2,2,4-Trimethylpentane	7.85	57	101015	0.255	ppbv # 73
45) t-1,3-Dichloropropene	9.25	75	65	0.001	ppbv # 42
46) cis-1,3-Dichloropropene	8.68	75	208	0.002	ppbv # 1
47) 1,1,2-Trichloroethane	9.46	97	394	0.005	ppbv # 14
48) Dibromochloromethane	10.10	129	118	0.001	ppbv 78
49) Bromoform	13.00	173	72	0.001	ppbv # 26

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 Misc : 400ml/MSVOA L
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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

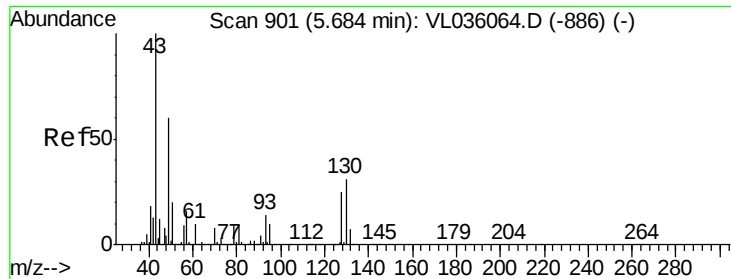
QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

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

51) 2-Hexanone	10.11	43	4317	0.022	ppbv #	29
52) Tetrachloroethene	11.19	164	458	0.006	ppbv #	14
53) Toluene	9.79	91	305705	1.243	ppbv	97
54) 1,2-Dibromoethane	10.59	107	153	0.001	ppbv	93
56) 1,1,1,2-Tetrachloroethane	12.11	131	256	0.003	ppbv #	8
57) Chlorobenzene	12.13	112	447	0.003	ppbv #	76
58) Ethyl Benzene	12.69	91	212633	0.685	ppbv	93
59) m/p-Xylene	12.95	91	851771m	3.257	ppbv	
60) o-Xylene	13.68	91	307146	1.246	ppbv	95
61) Styrene	13.50	104	2699	0.017	ppbv #	25
62) Isopropylbenzene	14.65	105	4254	0.012	ppbv #	1
63) 1,1,2,2-Tetrachloroethane	13.66	83	399	0.002	ppbv #	25
64) n-propylbenzene	15.53	120	882	0.010	ppbv #	1
65) tert-Butylbenzene	16.71	119	754	0.003	ppbv #	15
66) Benzyl Chloride	16.95	91	587	0.008	ppbv #	66
67) sec-Butylbenzene	17.28	105	1762	0.004	ppbv #	60
69) p-Isopropyltoluene	17.62	119	2373	0.007	ppbv #	46
70) n-Butylbenzene	18.50	91	1103	0.003	ppbv #	33
71) 2-Chlorotoluene	15.52	91	1569	0.006	ppbv	86
73) 1,3,5-Trimethylbenzene	15.99	105	55904m	0.219	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	147154	0.575	ppbv #	60
75) 1,3-Dichlorobenzene	16.96	146	402	0.003	ppbv #	1
77) 1,2-Dichlorobenzene	17.79	146	90	0.001	ppbv #	1
78) Hexachloro-1,3-Butadiene	23.33	225	114	0.001	ppbv #	58
79) Naphthalene	22.19	128	138377m	1.064	ppbv	
80) Naphthalene,2-methyl-	24.84	142	145	0.005	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.88	180	70	0.001	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

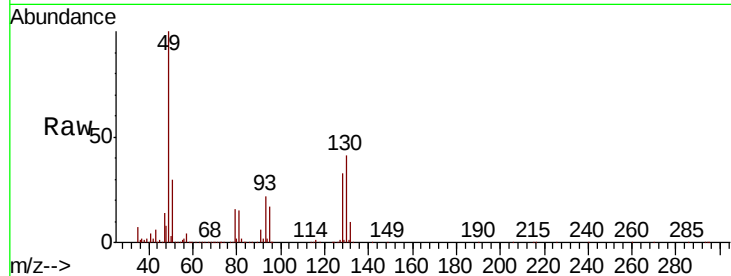
Delta R.T. -0.04 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tot Ion: 49 Resp: 1303850

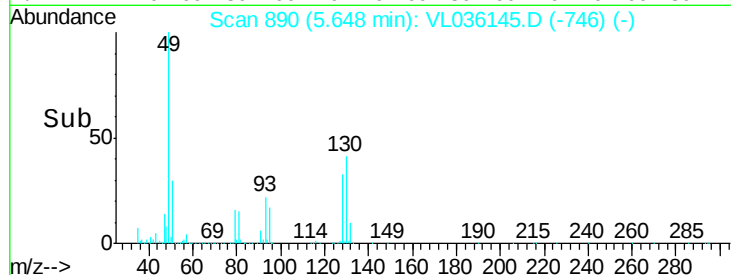
Ion	Ratio	Lower	Upper
49	100		
128	35.7	21.1	63.1
130	44.3	27.1	81.3



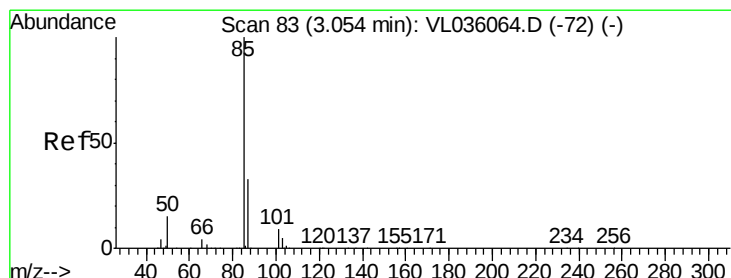
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Time-->



#2

Dichlorodifluoromethane

Concen: 0.343 ppbv m

RT: 3.03 min Scan# 76

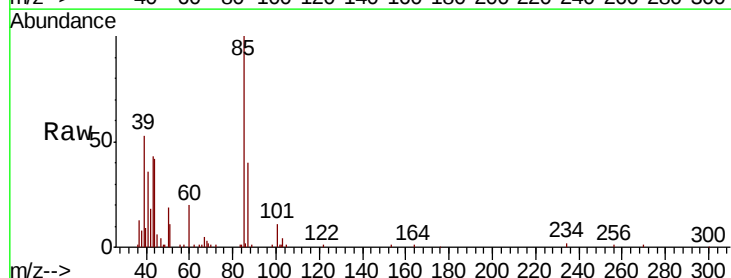
Delta R.T. -0.02 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

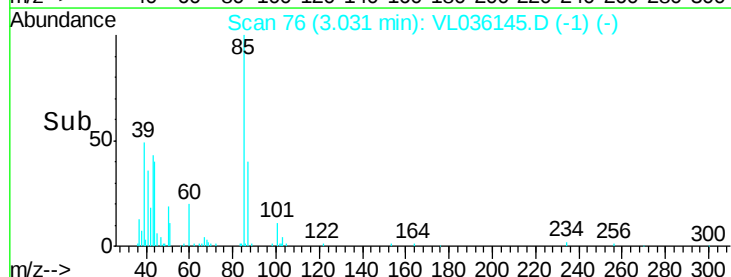
Tgt Ion: 85 Resp: 52139

Ion	Ratio	Lower	Upper
85	100		
87	39.9	26.5	39.7#

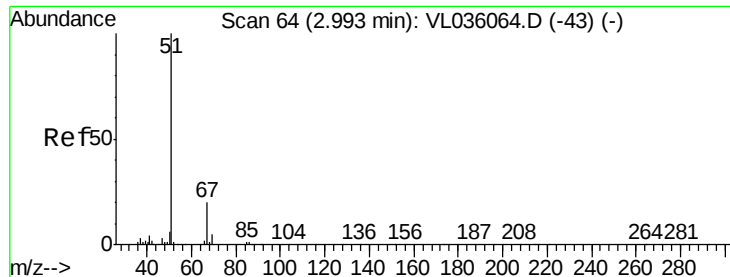


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0



Time-->



#3

Chlorodifluoromethane

Concen: 1.273 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.02 min

Lab File: VL036145.D

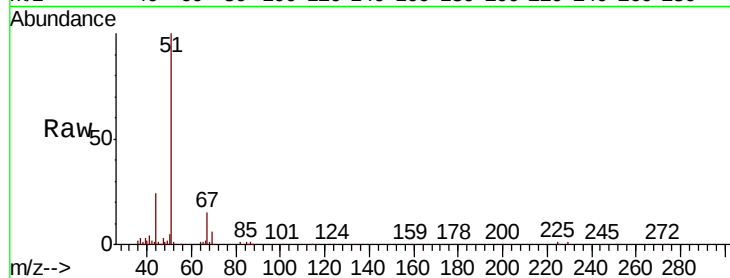
Acq: 11 Dec 2020 2:06

Tot Ion: 51 Resp: 189370

Ion Ratio Lower Upper

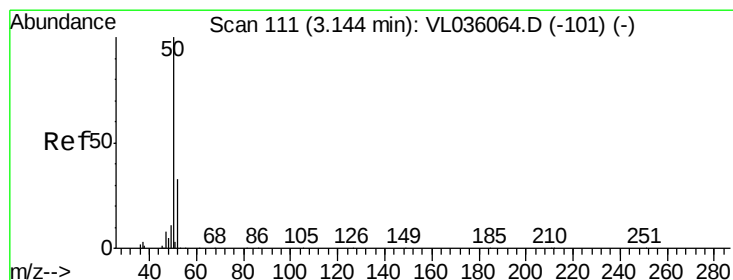
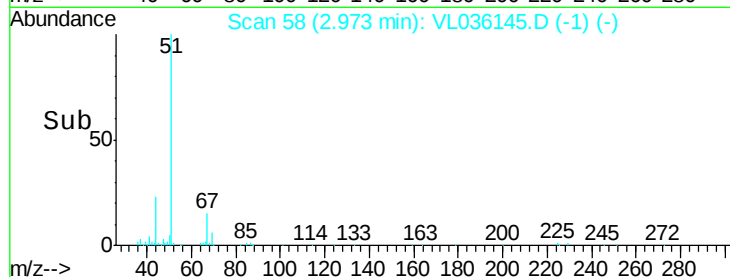
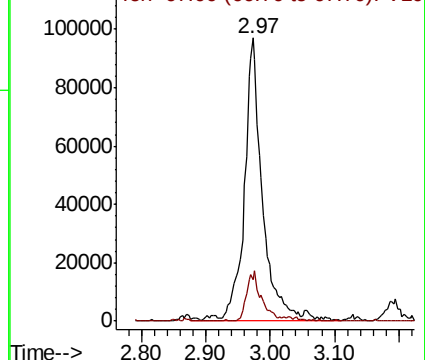
51 100

67 14.6 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: 0.463 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.02 min

Lab File: VL036145.D

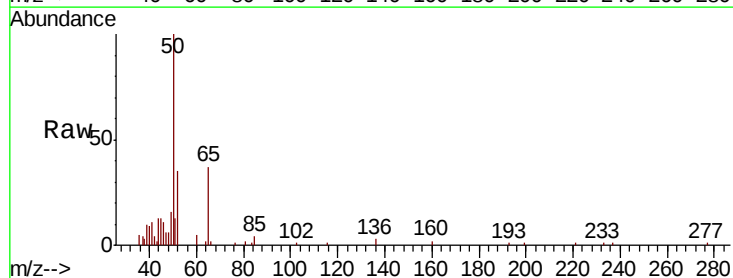
Acq: 11 Dec 2020 2:06

Tgt Ion: 50 Resp: 33782

Ion Ratio Lower Upper

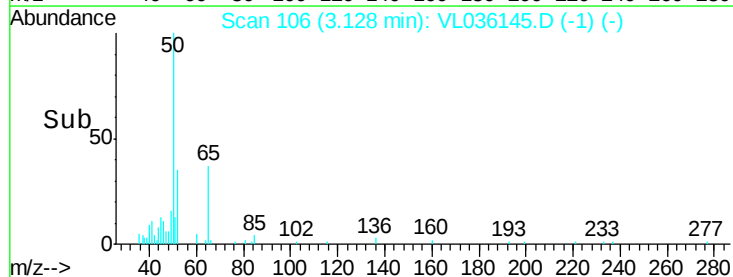
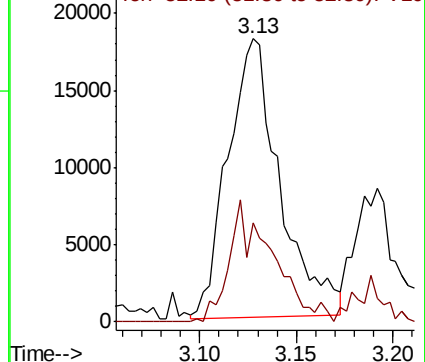
50 100

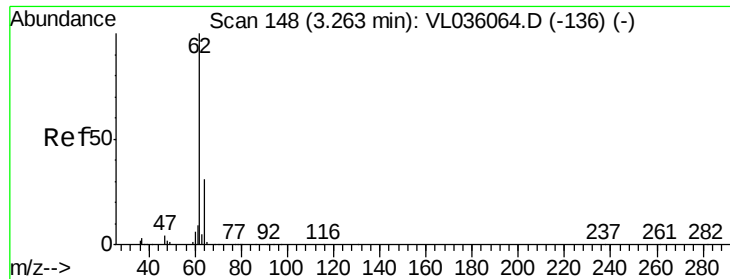
52 36.1 26.1 39.1



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# 140

Delta R.T. -0.03 min

Lab File: VL036145.D

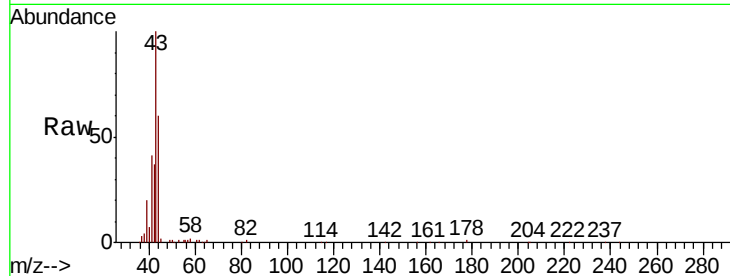
Acq: 11 Dec 2020 2:06

Tot Ion: 62 Resp: 256

Ion Ratio Lower Upper

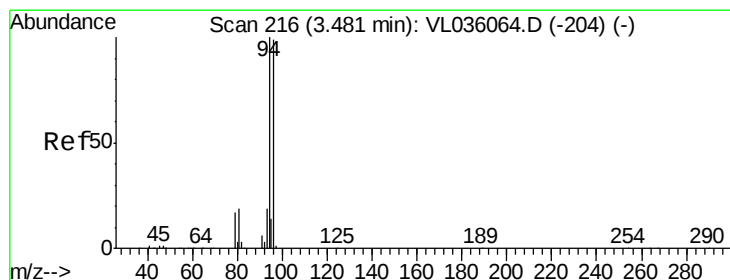
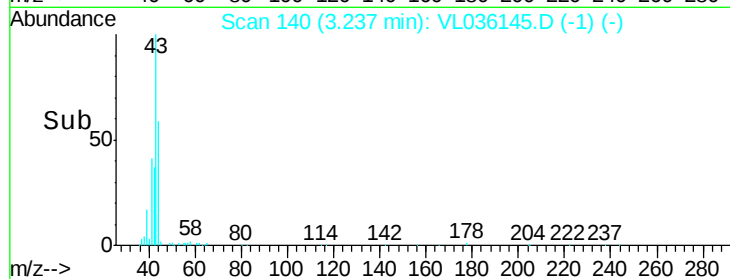
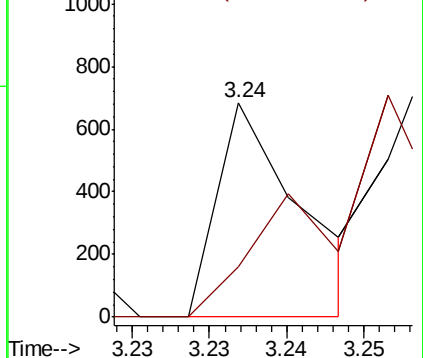
62 100

64 37.8 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: 0.013 ppbv

RT: 3.46 min Scan# 209

Delta R.T. -0.02 min

Lab File: VL036145.D

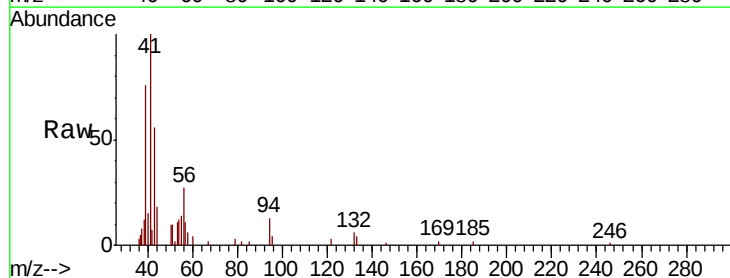
Acq: 11 Dec 2020 2:06

Tgt Ion: 94 Resp: 530

Ion Ratio Lower Upper

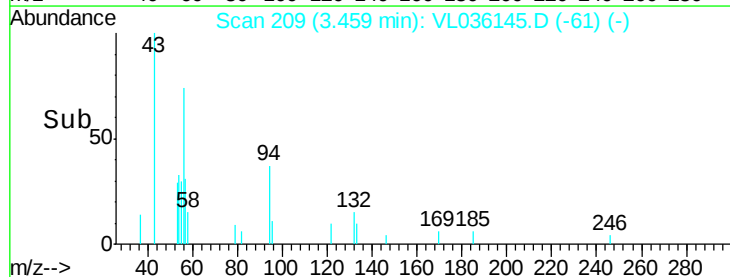
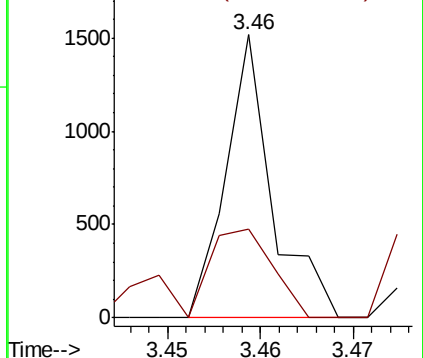
94 100

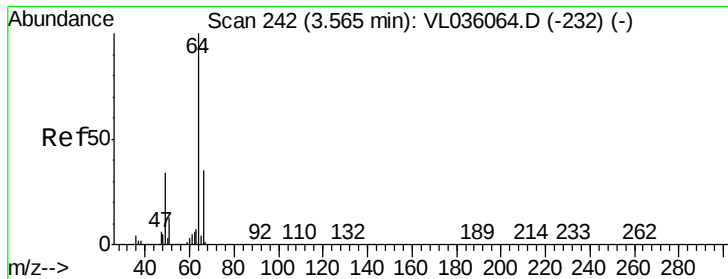
96 31.2 79.4 119.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.003 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.02 min

Lab File: VL036145.D

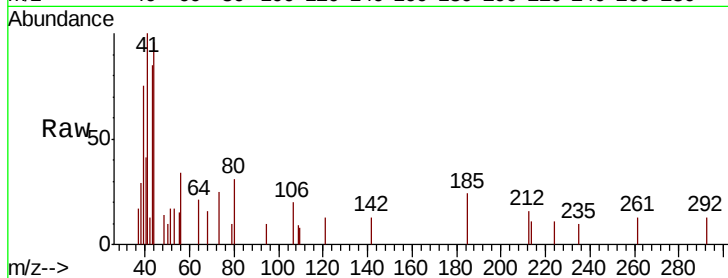
Acq: 11 Dec 2020 2:06

Tot Ion: 64 Resp: 81

Ion Ratio Lower Upper

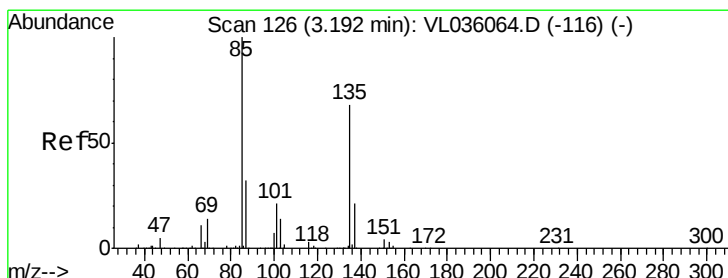
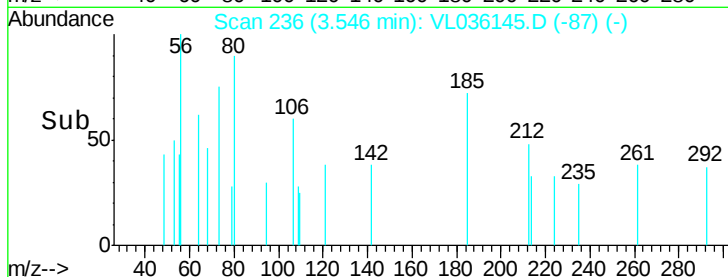
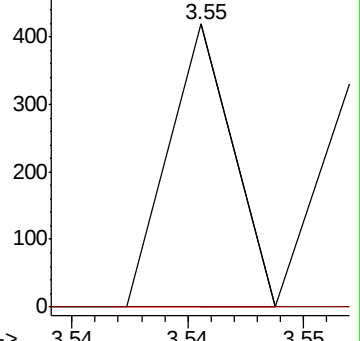
64 100

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



#8

Dichlorotetrafluoroethane

Concen: 0.011 ppbv

RT: 3.17 min Scan# 120

Delta R.T. -0.02 min

Lab File: VL036145.D

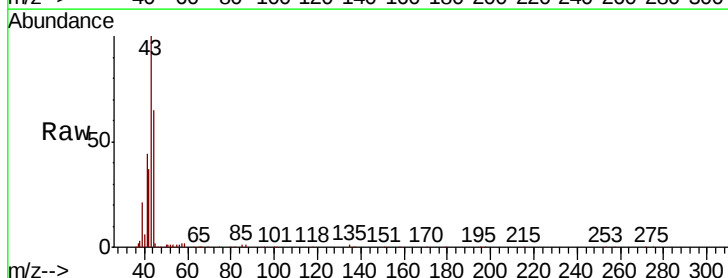
Acq: 11 Dec 2020 2:06

Tgt Ion: 85 Resp: 1793

Ion Ratio Lower Upper

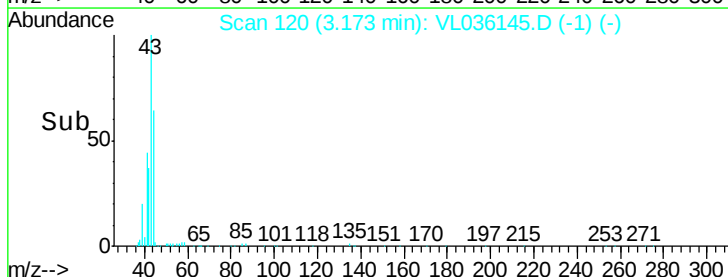
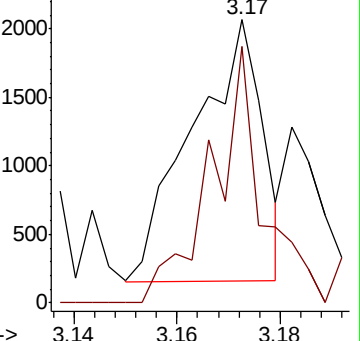
85 100

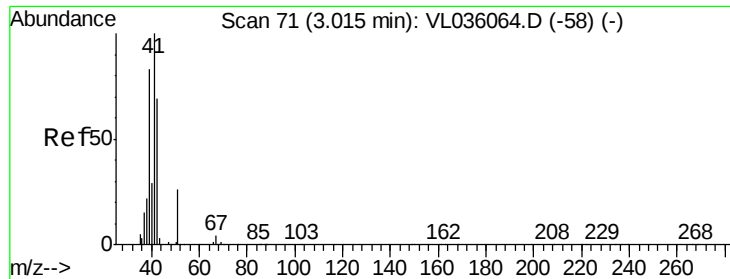
135 70.6 53.8 80.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 1.894 ppbv m

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL036145.D

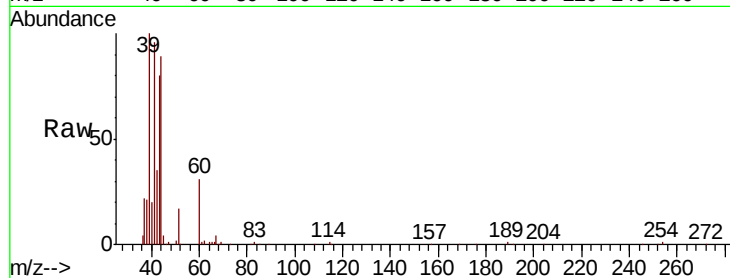
Acq: 11 Dec 2020 2:06

Tot Ion: 41 Resp: 141156

Ion Ratio Lower Upper

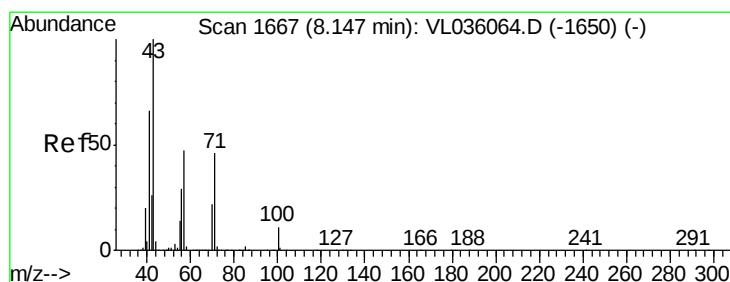
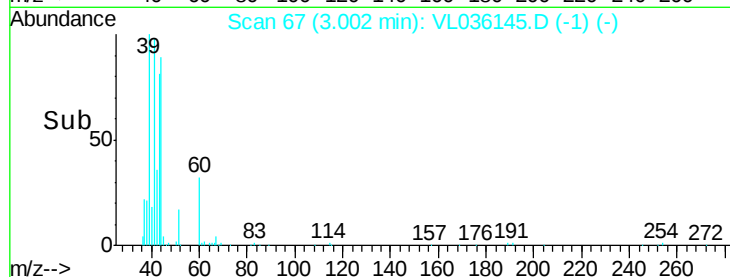
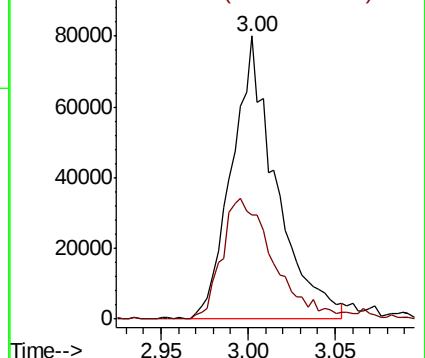
41 100

42 307.5 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: 0.611 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. -0.04 min

Lab File: VL036145.D

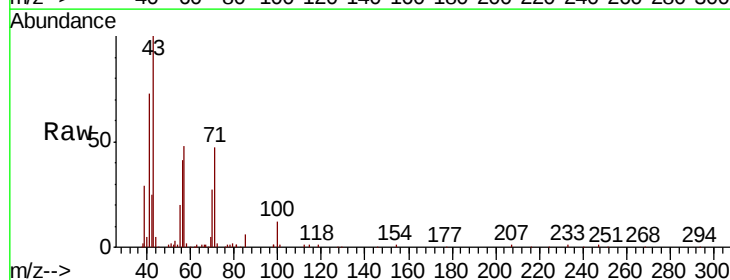
Acq: 11 Dec 2020 2:06

Tgt Ion: 43 Resp: 116247

Ion Ratio Lower Upper

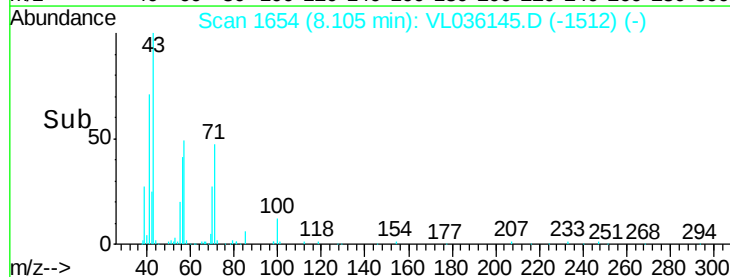
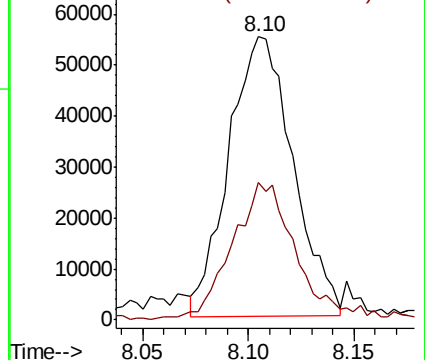
43 100

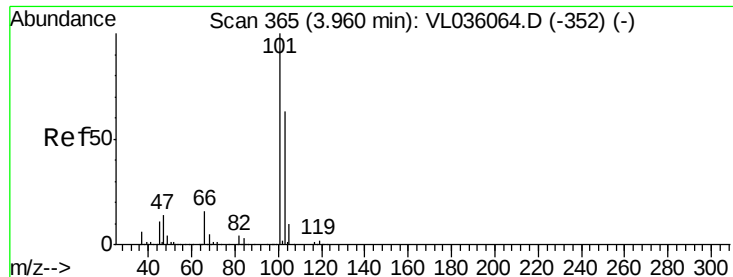
57 51.4 37.9 56.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

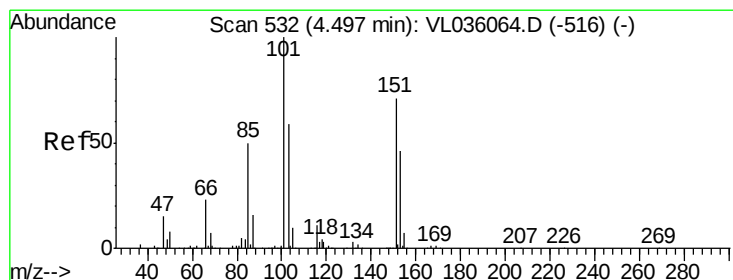
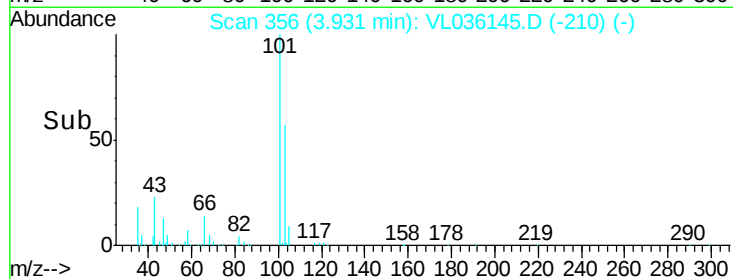
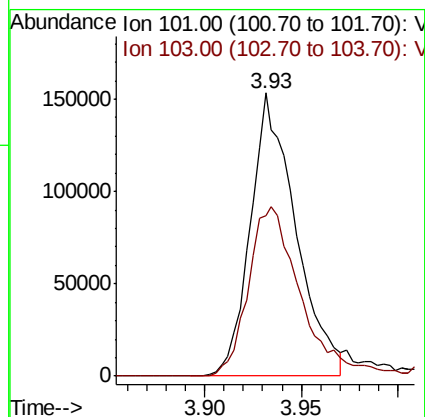
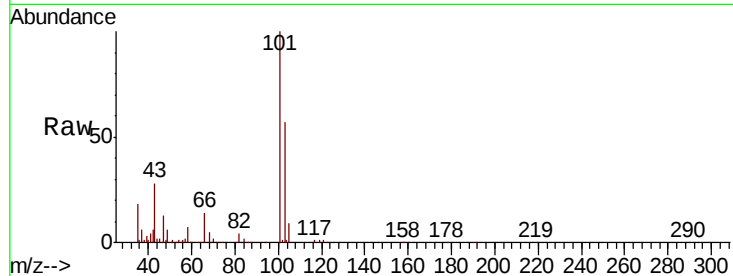
Ion 57.10 (56.80 to 57.80): VL0





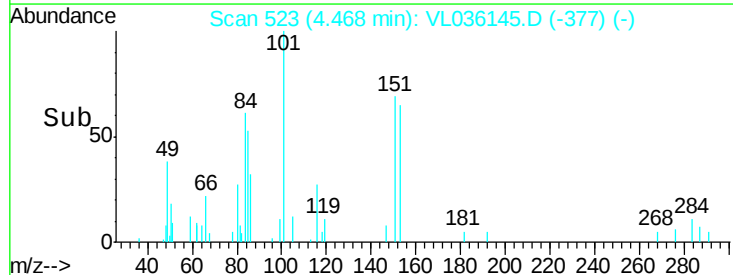
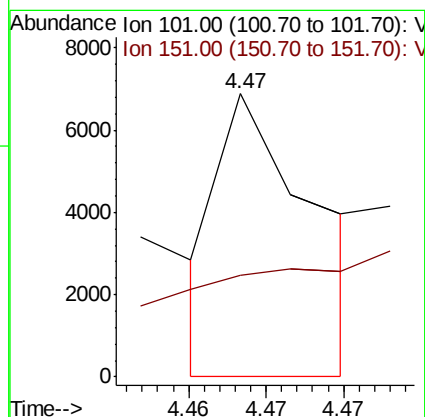
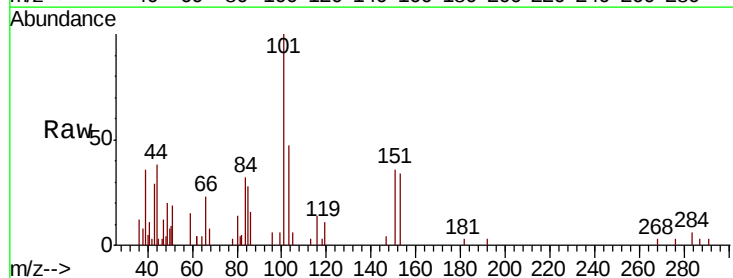
#11
 Trichlorofluoromethane
 Concen: 1.396 ppbv
 RT: 3.93 min Scan# 356
 Delta R.T. -0.03 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

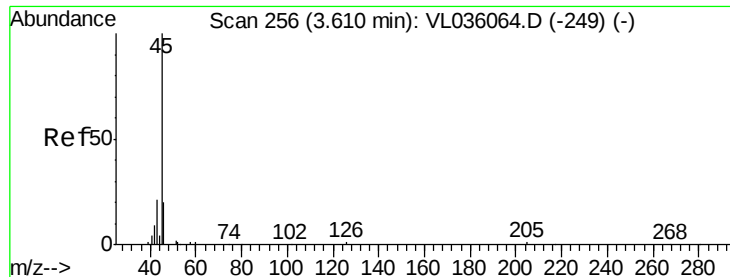
Tot Ion:101 Resp: 249459
 Ion Ratio Lower Upper
 101 100
 103 56.5 50.3 75.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.024 ppbv
 RT: 4.47 min Scan# 523
 Delta R.T. -0.03 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

Tgt Ion:101 Resp: 2946
 Ion Ratio Lower Upper
 101 100
 151 0.0 59.3 88.9#





#13

Ethanol

Concen: 85.737 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL036145.D

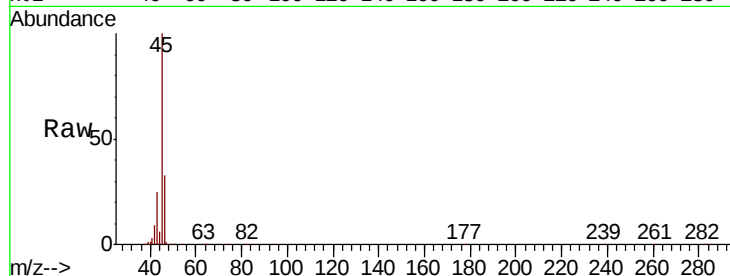
Acq: 11 Dec 2020 2:06

Tot Ion: 45 Resp: 880792

Ion Ratio Lower Upper

45 100

46 39.9 19.0 75.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.60

400000

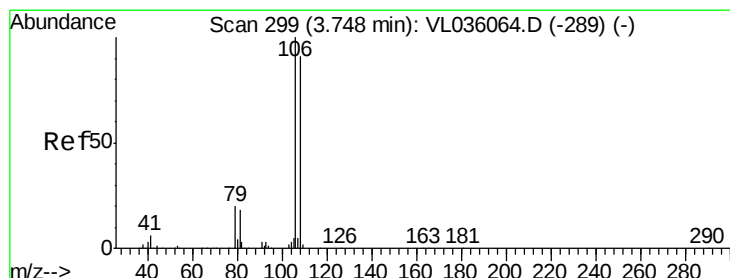
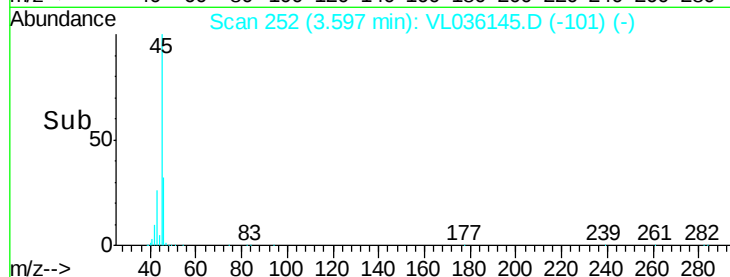
300000

200000

100000

0

Time-->



#14

Bromoethene

Concen: 0.002 ppbv

RT: 3.73 min Scan# 293

Delta R.T. -0.02 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

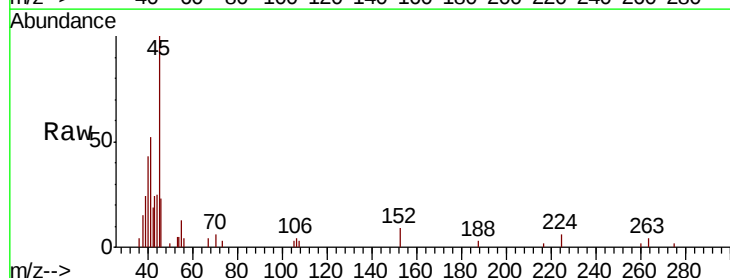
Tgt Ion: 108 Resp: 75

Ion Ratio Lower Upper

108 100

106 413.3 91.0 136.4#

79 104.0 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

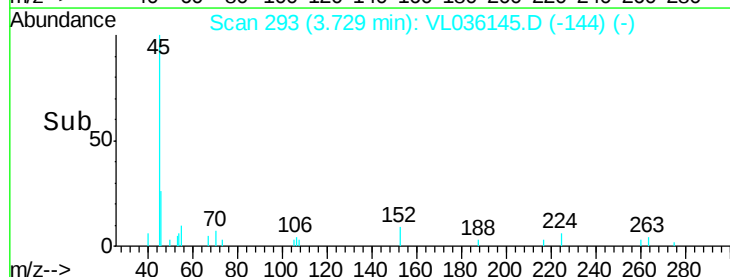
600

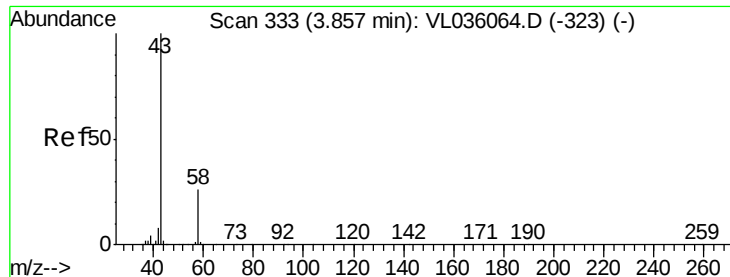
400

200

0

Time-->





#15

Acetone

Concen: 20.380 ppbv m

RT: 3.83 min Scan# 324

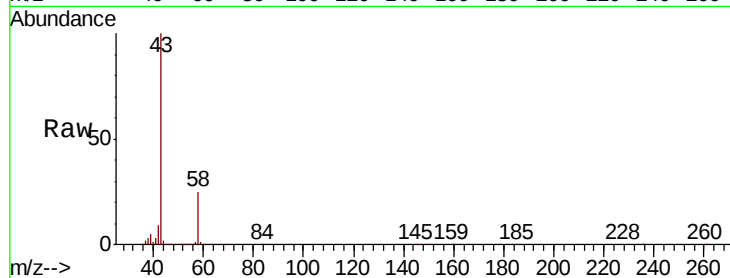
Delta R.T. -0.03 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tot Ion: 43 Resp: 3193537

Ion	Ratio	Lower	Upper
43	100		
58	29.5	20.9	31.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.83

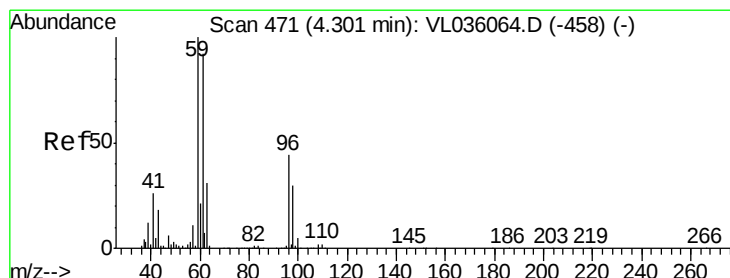
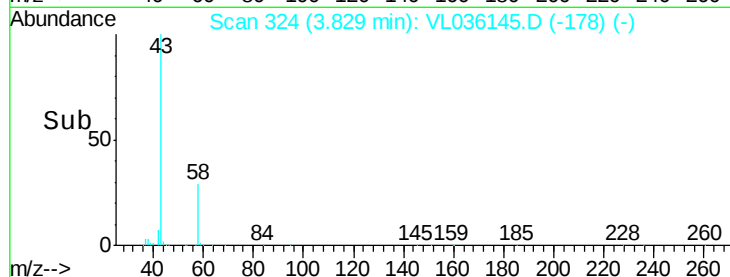
1500000

1000000

500000

0

Time--> 3.78 3.80 3.82 3.84 3.86



#17

tert-Butyl alcohol

Concen: 2.156 ppbv m

RT: 4.29 min Scan# 467

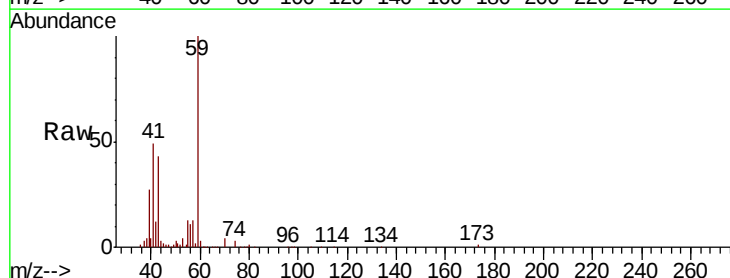
Delta R.T. -0.01 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tgt Ion: 59 Resp: 327319

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.7	13.1



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.29

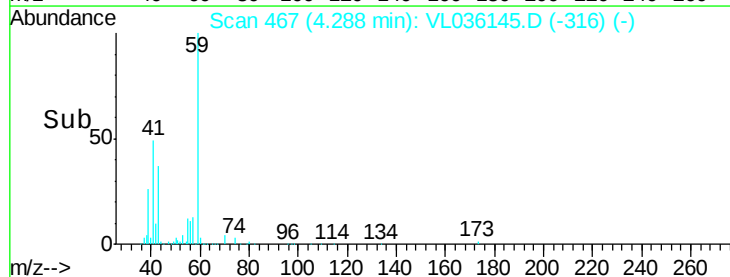
150000

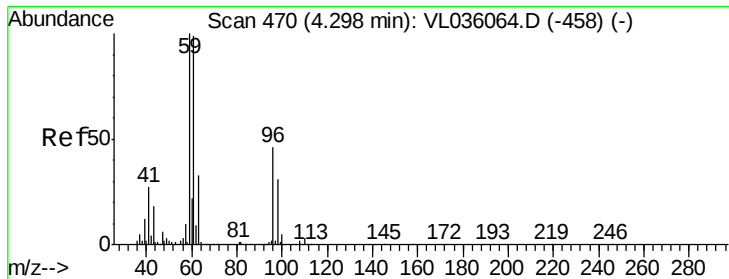
100000

50000

0

Time--> 4.20 4.30 4.40





#18

1,1-Dichloroethene

Concen: 0.004 ppbv

RT: 4.27 min Scan# 462

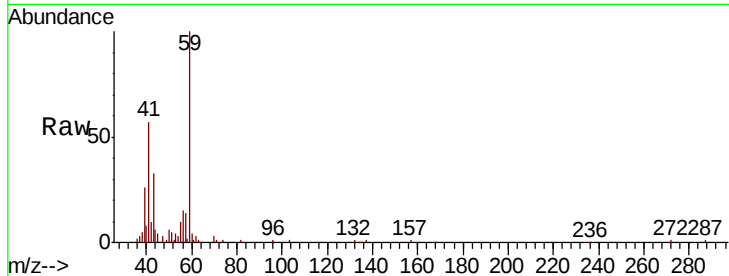
Delta R.T. -0.03 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tot Ion: 96 Resp: 204

Ion	Ratio	Lower	Upper
96	100		
61	8.8	171.4	257.2#
98	0.0	54.2	81.2#

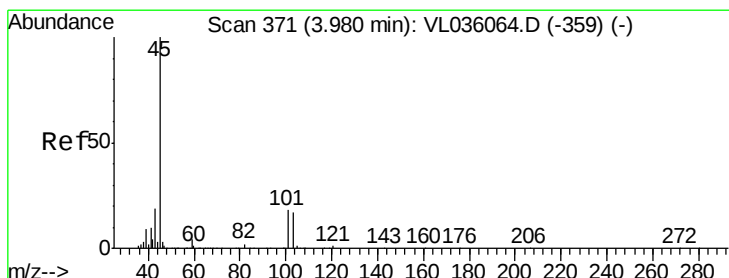
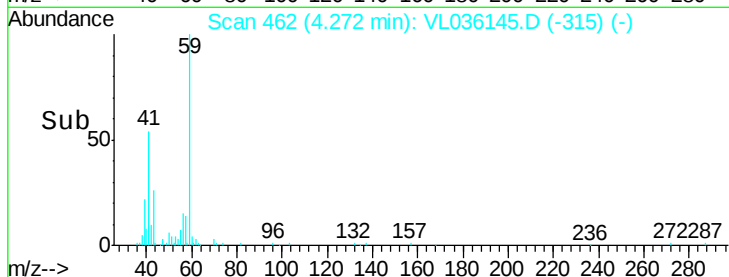
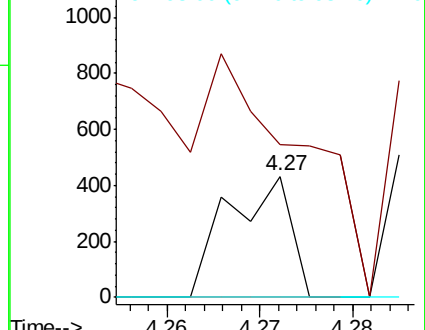


Abundance

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: 2.067 ppbv

RT: 3.96 min Scan# 366

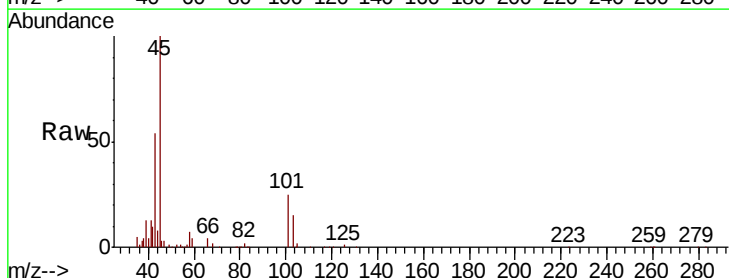
Delta R.T. -0.02 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tgt Ion: 45 Resp: 197986

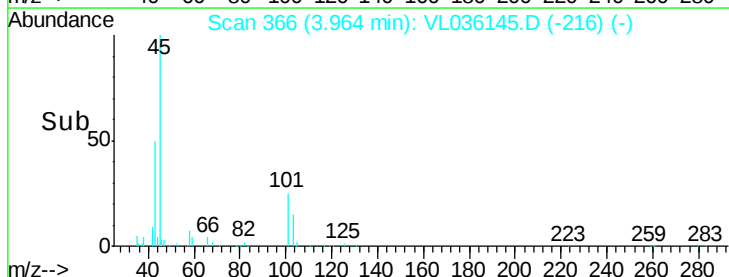
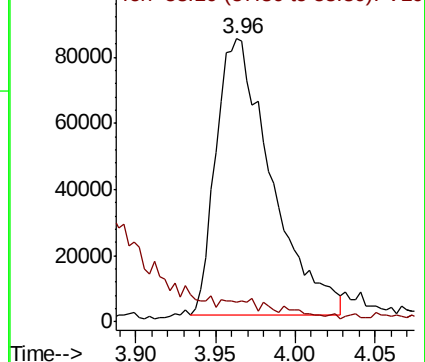
Ion	Ratio	Lower	Upper
45	100		
58	466.4	0.0	0.0#

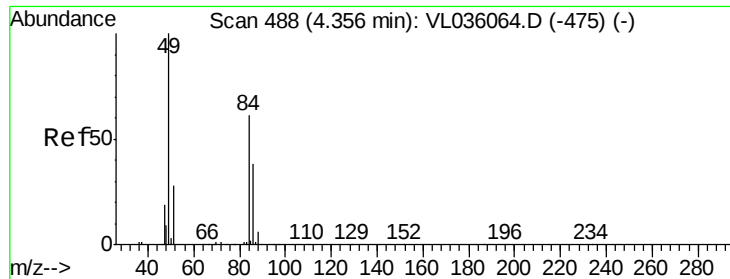


Abundance

Ion 45.10 (44.80 to 45.80): VL0

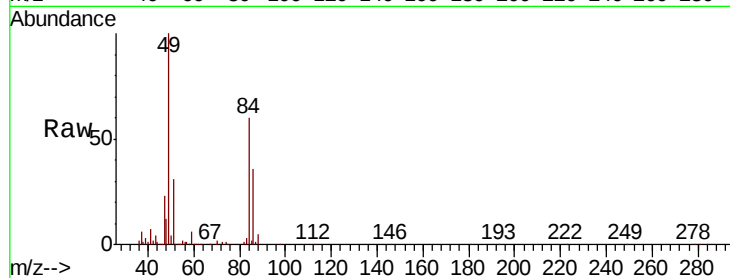
Ion 58.10 (57.80 to 58.80): VL0



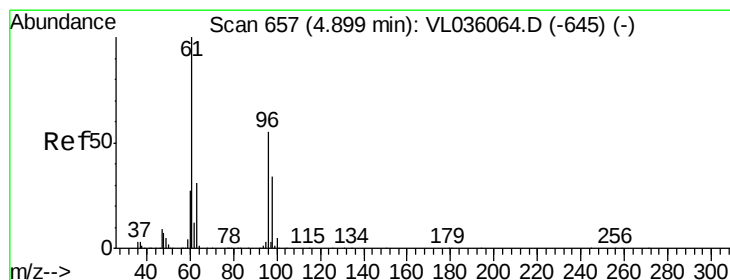
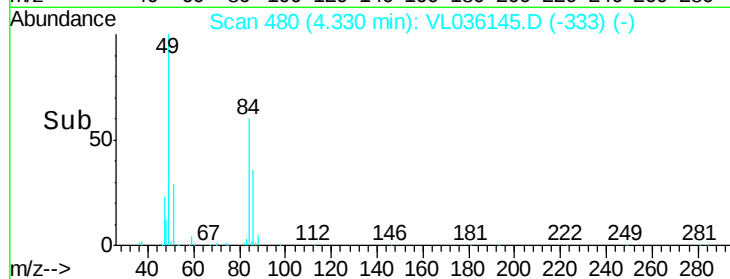
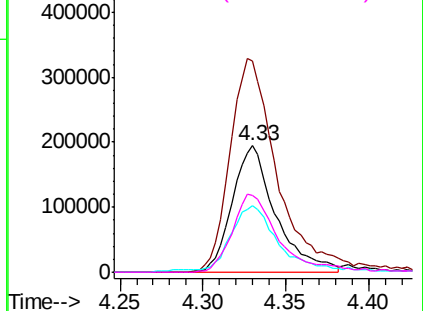


#20
Methvlene Chloride
Concen: 5.507 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.03 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

Tot Ion:	84	Resp:	353628
Ion	Ratio	Lower	Upper
84	100		
49	167.1	133.0	199.4
51	50.9	38.9	58.3
86	60.6	48.8	73.2

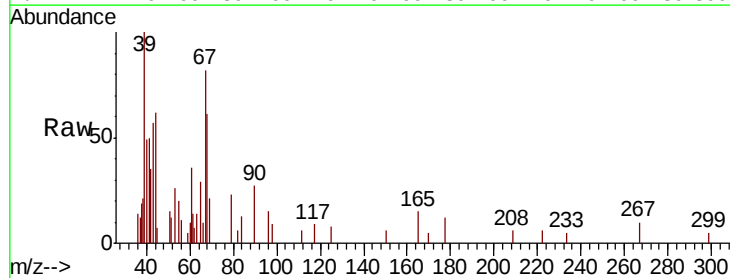


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

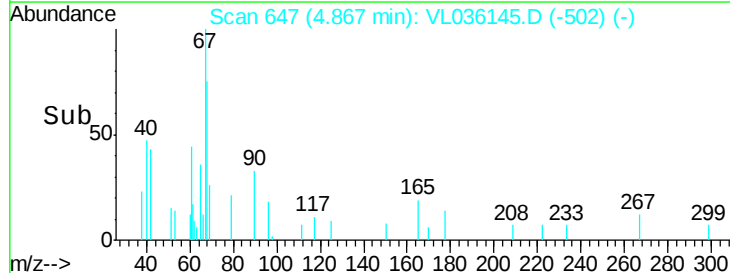
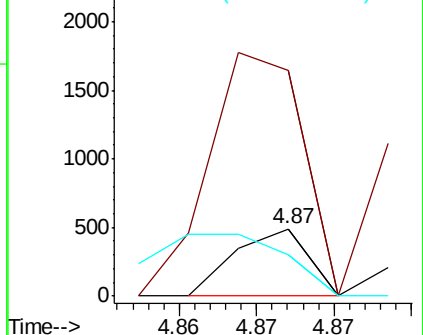


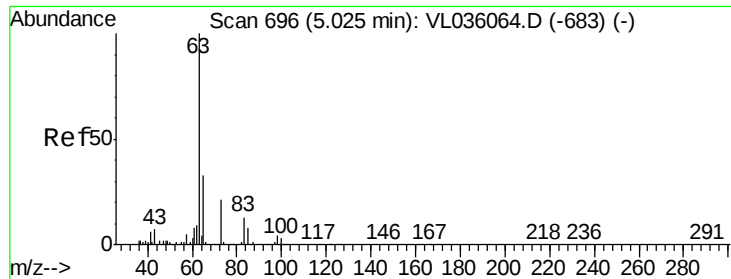
#22
trans-1,2-Dichloroethene
Concen: 0.003 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.03 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

Tgt Ion:	96	Resp:	163
Ion	Ratio	Lower	Upper
96	100		
61	334.7	145.7	218.5#
98	61.1	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





#24

1,1-Dichloroethane

Concen: 0.001 ppbv

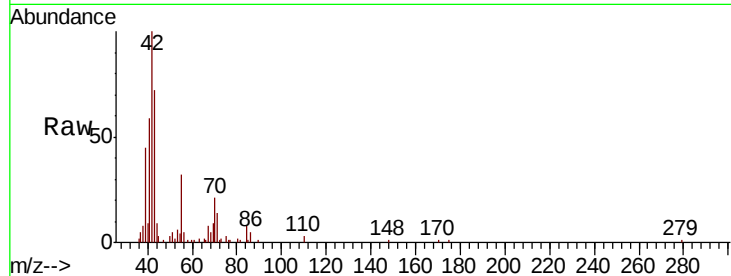
RT: 5.05 min Scan# 703

Delta R.T. 0.02 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

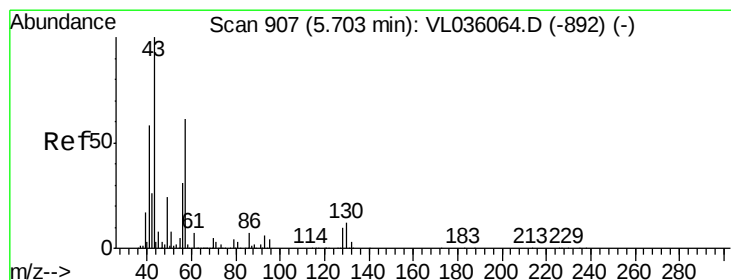
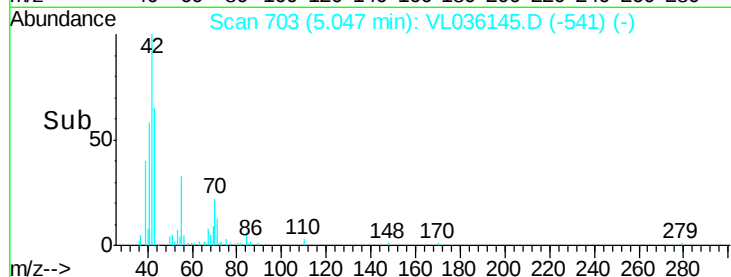
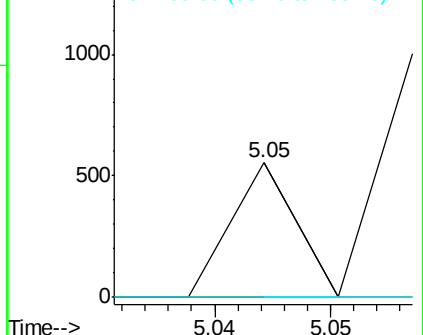
Tot Ion:	63	Resp:	107
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.2	6.6#
100	0.0	1.5	4.4#



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: 1.962 ppbv

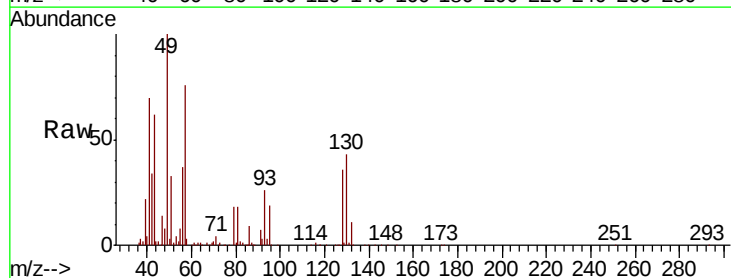
RT: 5.67 min Scan# 898

Delta R.T. -0.03 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tgt Ion:	57	Resp:	276369
Ion	Ratio	Lower	Upper
57	100		
41	107.3	82.9	124.3
43	97.7	199.9	299.9#
56	56.9	43.1	64.7

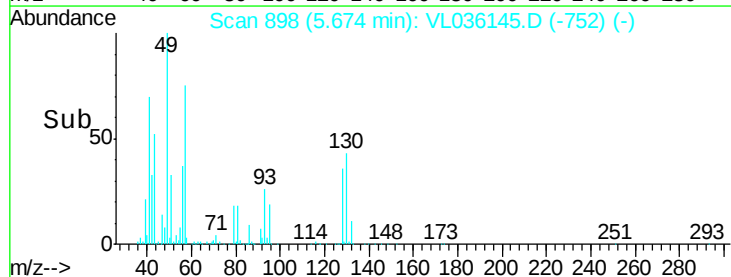
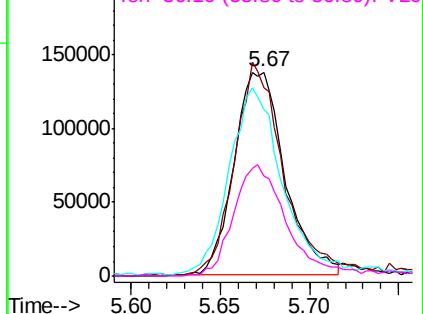


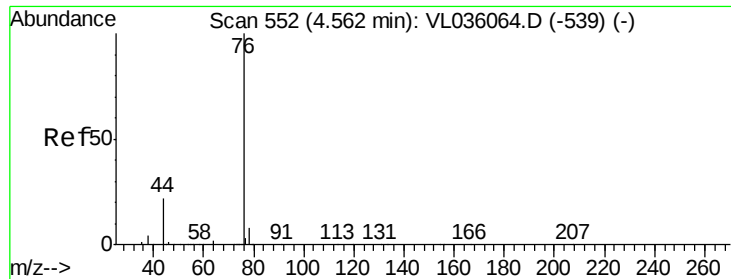
Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 1.001 ppbv m

RT: 4.53 min Scan# 543

Delta R.T. -0.03 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

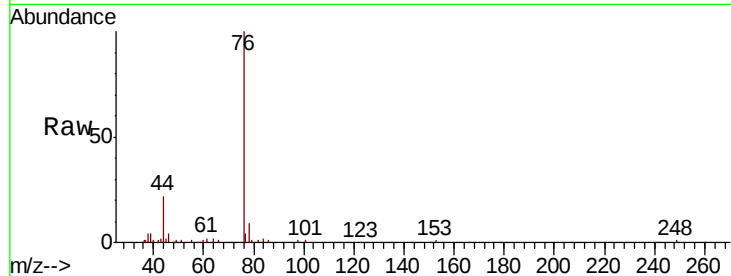
Tot Ion: 76 Resp: 140129

Ion Ratio Lower Upper

76 100

44 26.6 17.9 26.9

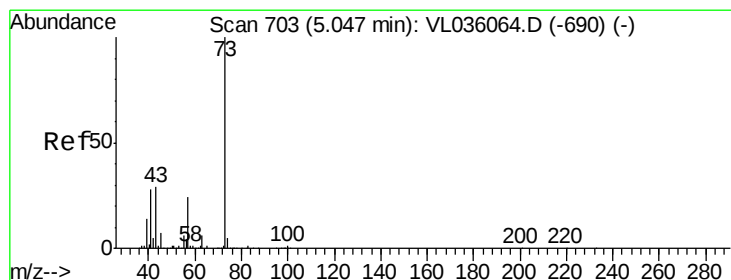
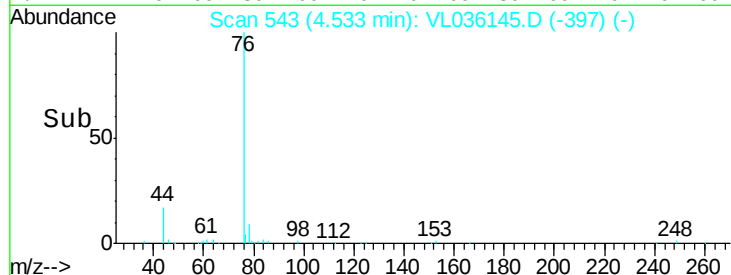
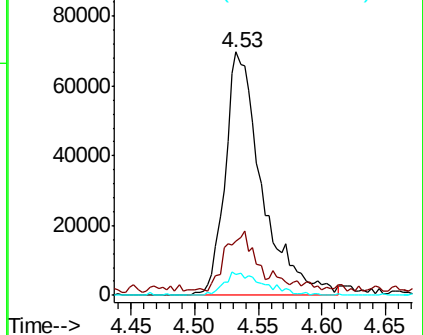
78 10.4 7.8 11.8



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

Methyl tert-Butyl Ether

Concen: 0.003 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.04 min

Lab File: VL036145.D

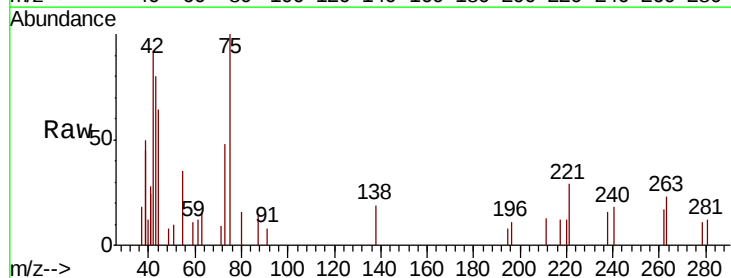
Acq: 11 Dec 2020 2:06

Tgt Ion: 73 Resp: 540

Ion Ratio Lower Upper

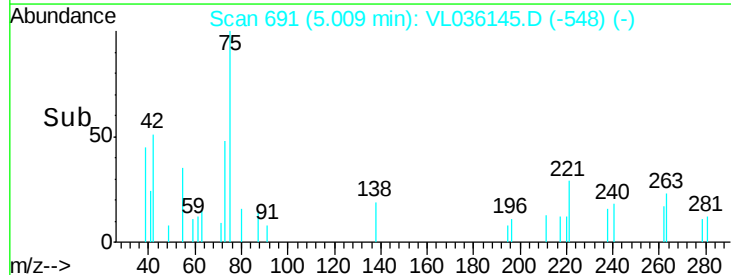
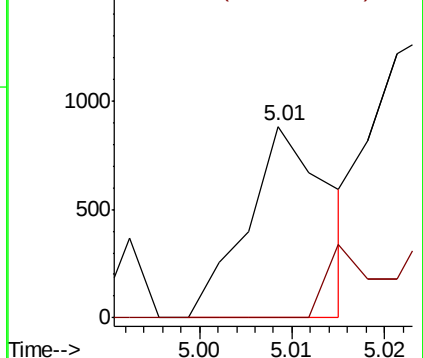
73 100

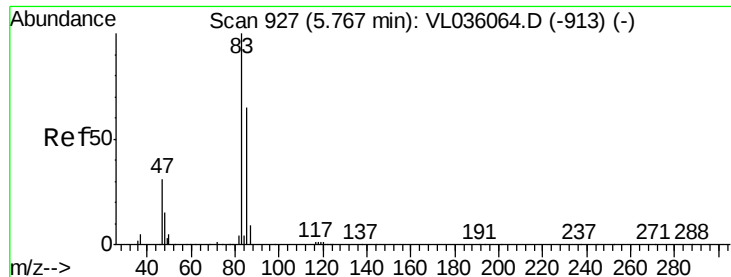
57 0.0 19.2 28.8#



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 0.633 ppbv m

RT: 5.73 min Scan# 916

Delta R.T. -0.04 min

Lab File: VL036145.D

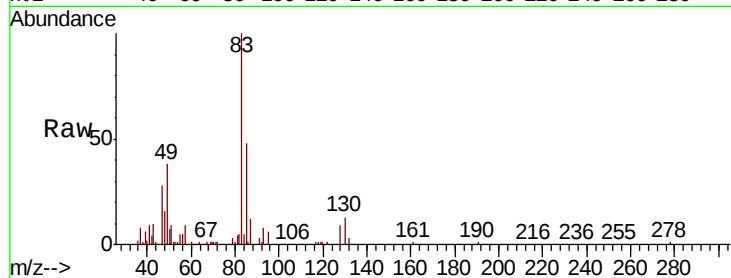
Acq: 11 Dec 2020 2:06

Tot Ion: 83 Resp: 117077

Ion Ratio Lower Upper

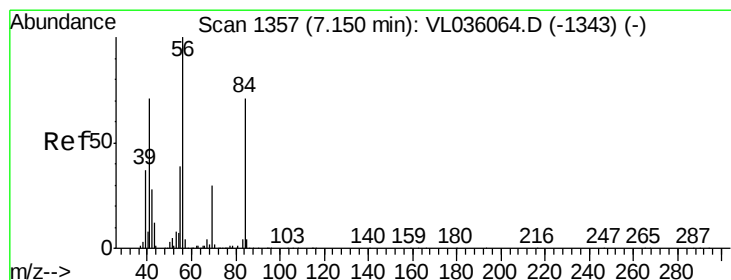
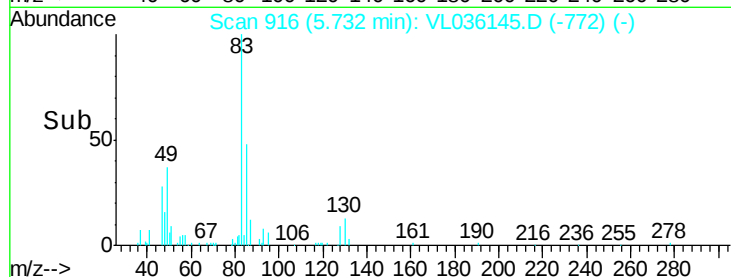
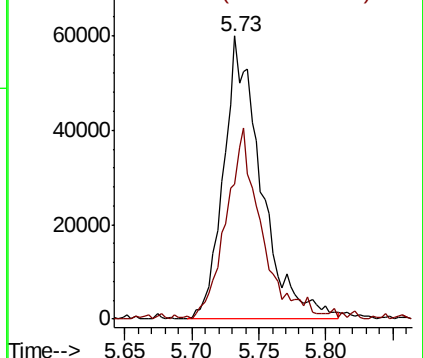
83 100

85 47.8 51.8 77.6#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 2.059 ppbv m

RT: 7.11 min Scan# 1346

Delta R.T. -0.04 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

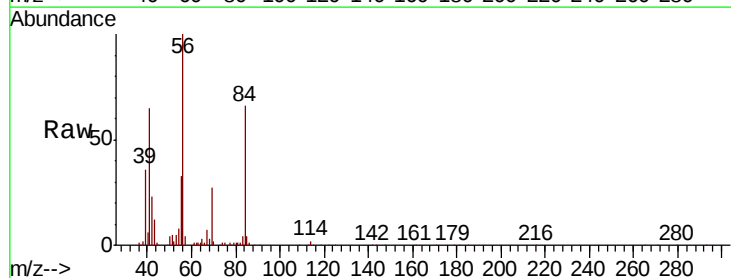
Tgt Ion: 84 Resp: 213096

Ion Ratio Lower Upper

84 100

56 0.0 128.0 192.0#

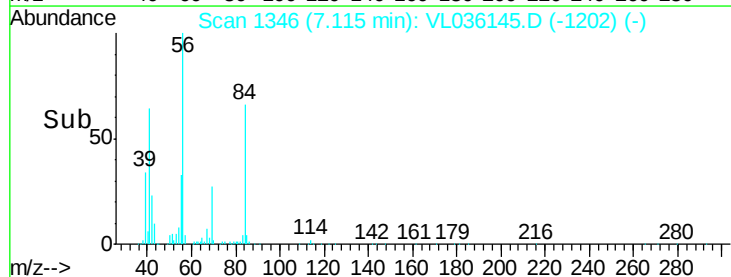
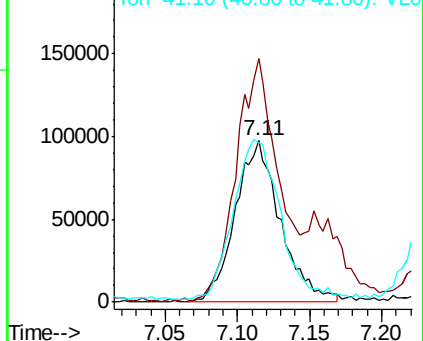
41 0.0 81.3 121.9#

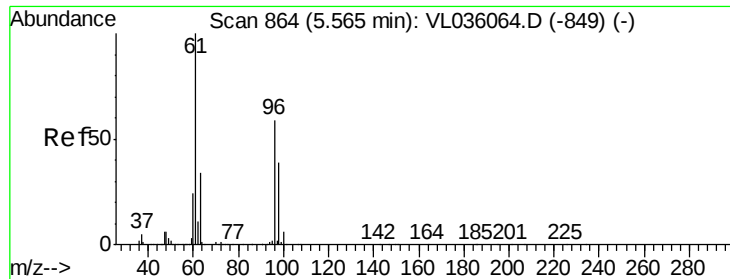


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

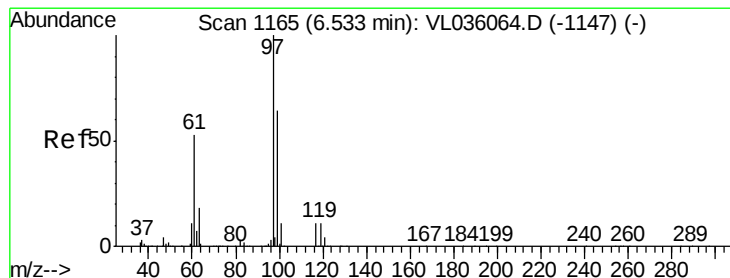
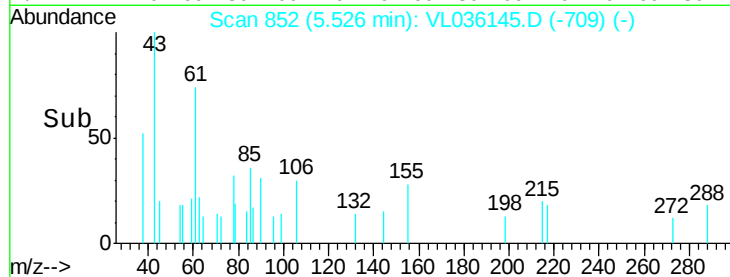
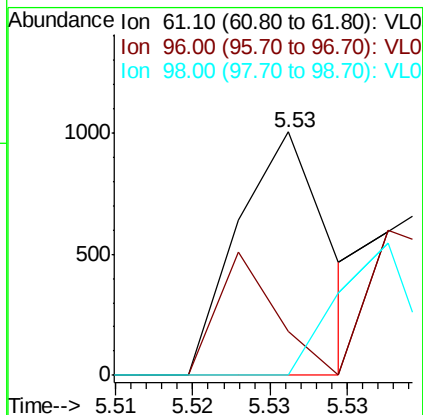
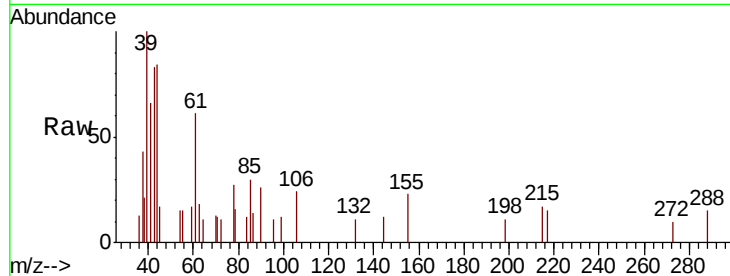




#31

cis-1,2-Dichloroethene
Concen: 0.003 ppbv
RT: 5.53 min Scan# 852
Delta R.T. -0.04 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

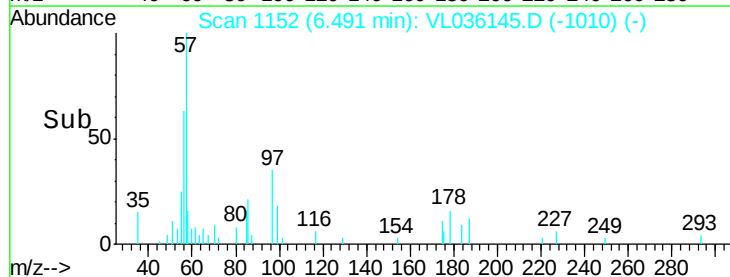
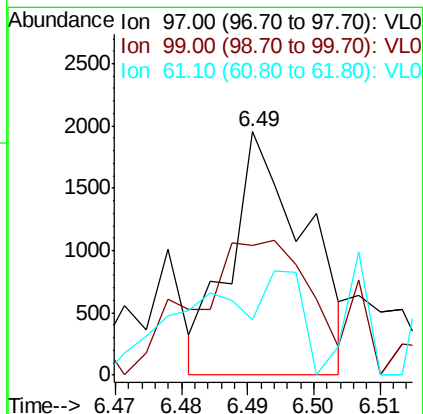
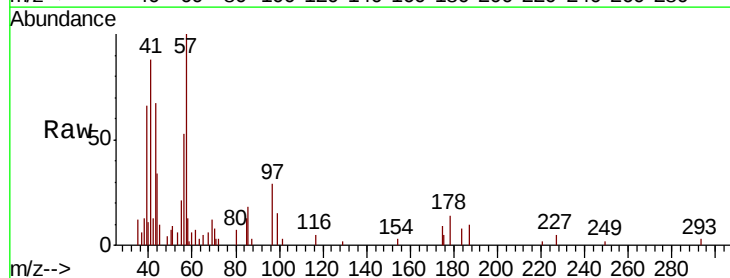
Tot Ion	Ratio	Lower	Upper
61	100		
96	24.9	47.3	70.9#
98	0.0	31.4	47.0#

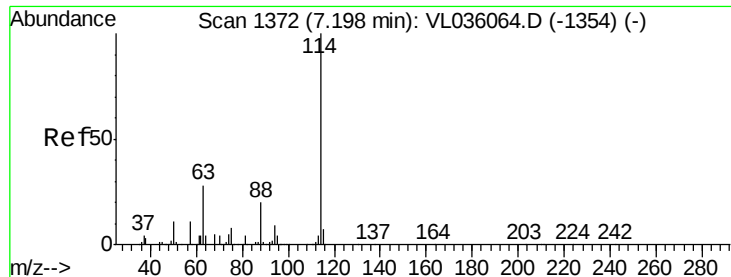


#32

1,1,1-Trichloroethane
Concen: 0.008 ppbv
RT: 6.49 min Scan# 1152
Delta R.T. -0.04 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	103.9	52.4	78.6#
61	0.0	43.4	65.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.04 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

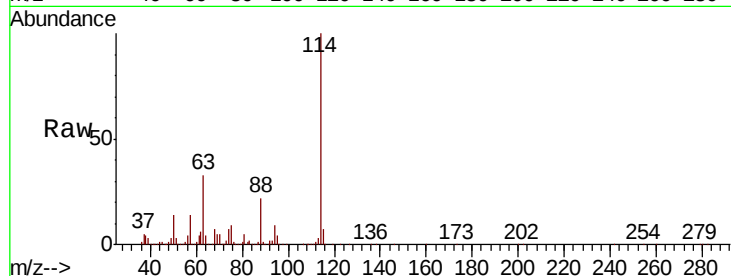
Tot Ion:114 Resp: 2584344

Ion Ratio Lower Upper

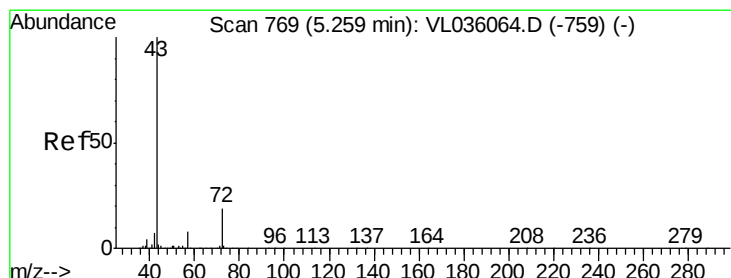
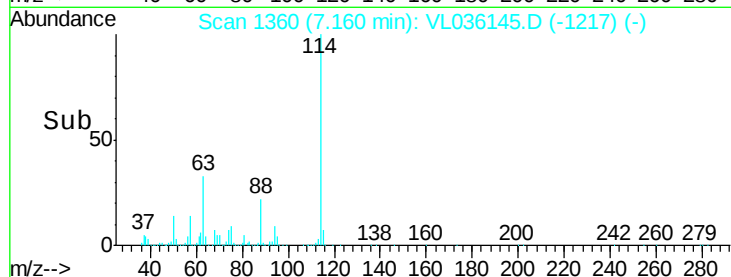
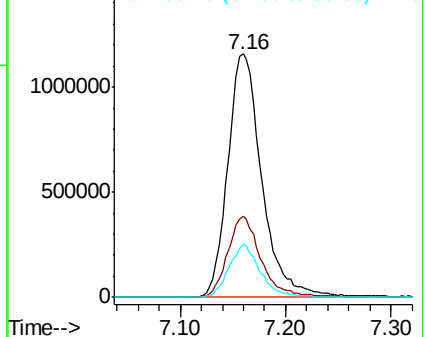
114 100

63 32.9 23.6 35.4

88 20.6 15.8 23.6



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



#34

2-Butanone

Concen: 3.296 ppbv

RT: 5.23 min Scan# 759

Delta R.T. -0.03 min

Lab File: VL036145.D

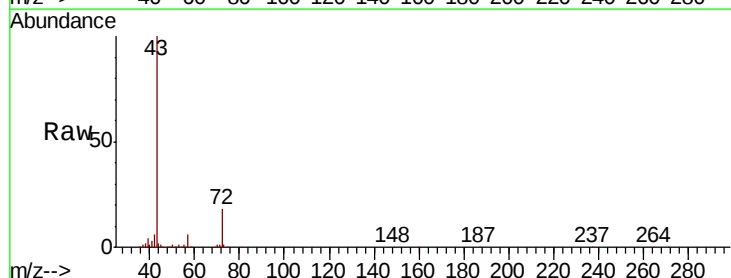
Acq: 11 Dec 2020 2:06

Tgt Ion: 43 Resp: 565097

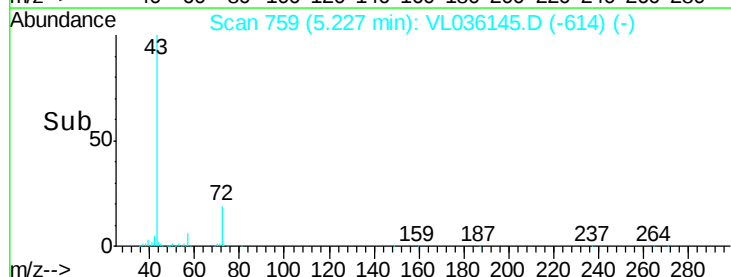
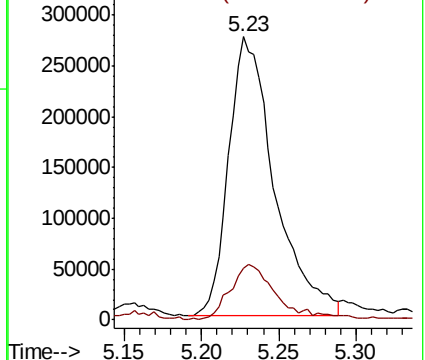
Ion Ratio Lower Upper

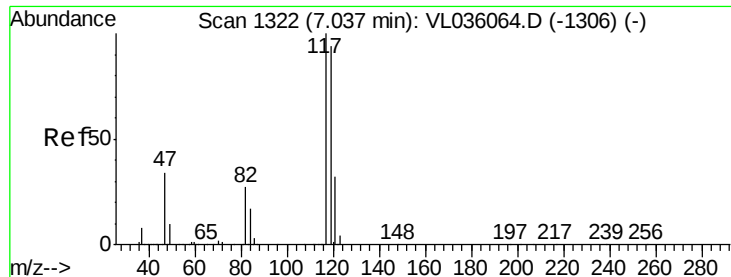
43 100

72 20.8 16.5 24.7



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





#35

Carbon Tetrachloride

Concen: 0.078 ppbv m

RT: 7.00 min Scan# 1309

Delta R.T. -0.04 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

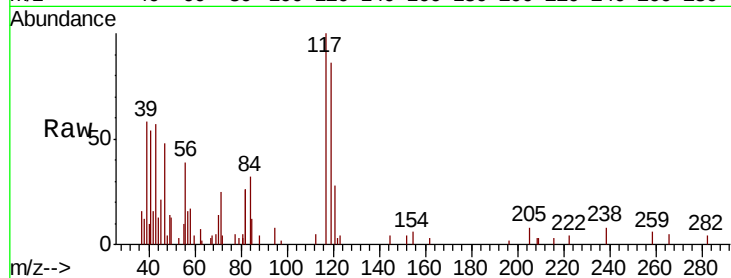
Tot Ion: 117 Resp: 11806

Ion Ratio Lower Upper

117 100

119 86.0 75.1 112.7

121 0.0 25.6 38.4#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

7.00

8000

6000

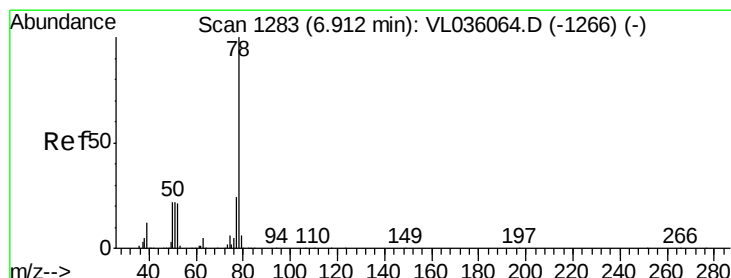
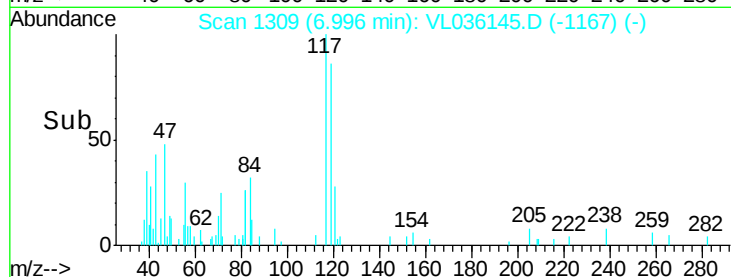
4000

2000

0

Time-->

6.90 6.95 7.00 7.05 7.10



#36

Benzene

Concen: 0.512 ppbv

RT: 6.87 min Scan# 1271

Delta R.T. -0.04 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

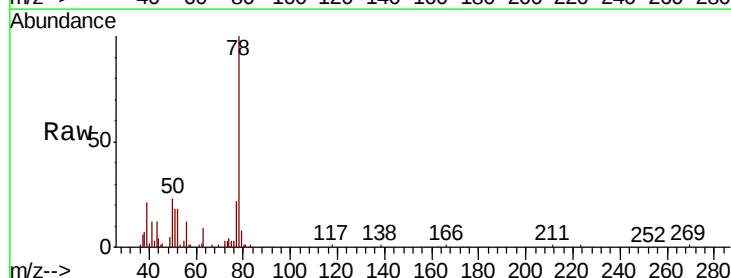
Tgt Ion: 78 Resp: 112090

Ion Ratio Lower Upper

78 100

77 20.4 19.4 29.2

50 21.1 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

6.87

60000

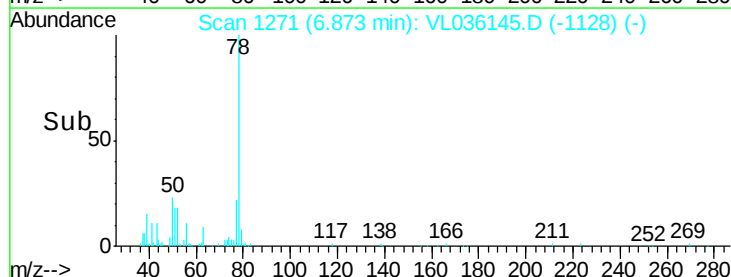
40000

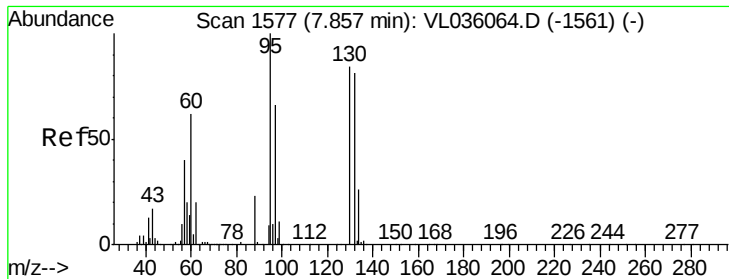
20000

0

Time-->

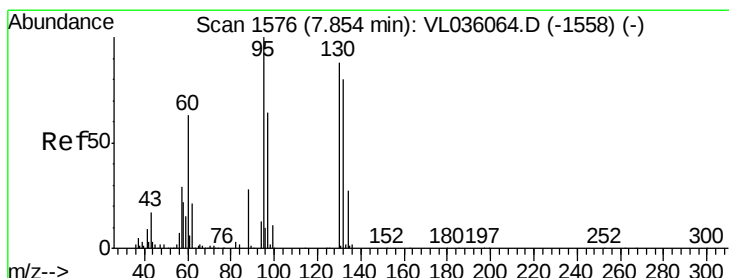
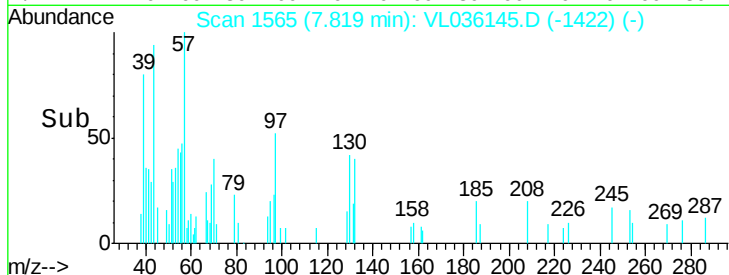
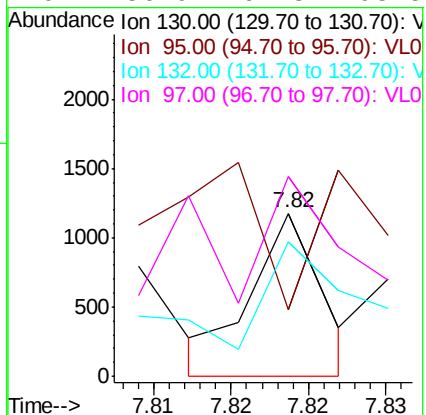
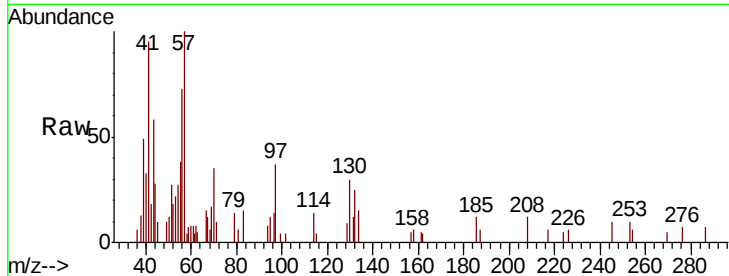
6.85 6.90





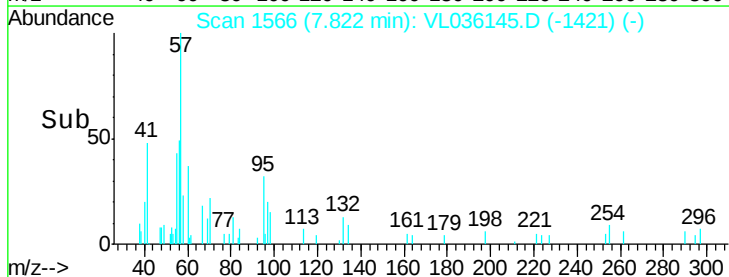
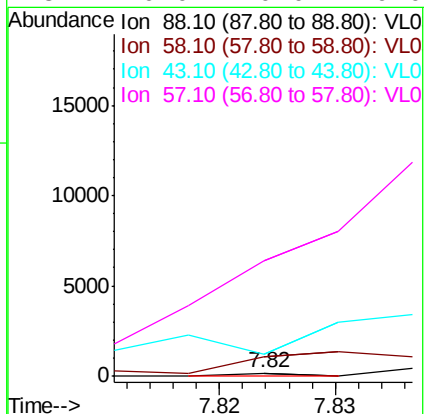
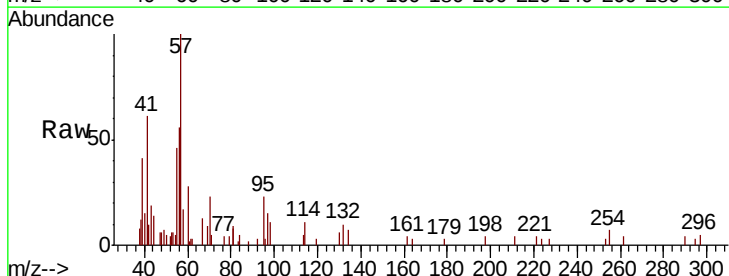
#38
 Trichloroethene
 Concen: 0.005 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.04 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

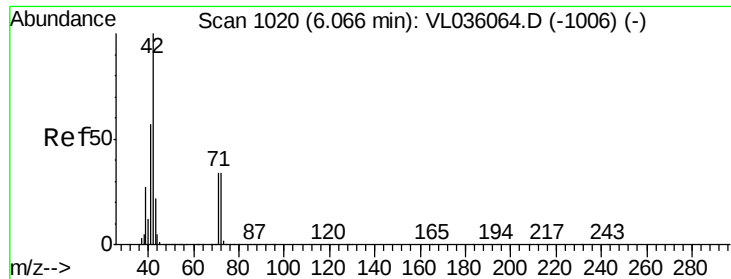
Tot Ion: 130 Resp: 369
 Ion Ratio Lower Upper
 130 100
 95 0.0 95.2 142.8#
 132 62.6 76.9 115.3#
 97 56.9 62.3 93.5#



#40
 1,4-Dioxane
 Concen: 0.001 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.03 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

Tgt Ion: 88 Resp: 29
 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: 0.638 ppbv

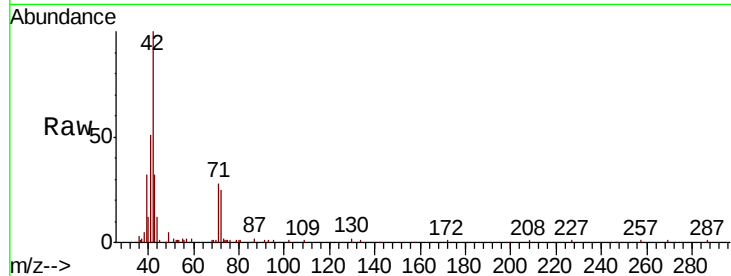
RT: 6.05 min Scan# 1014

Delta R.T. -0.02 min

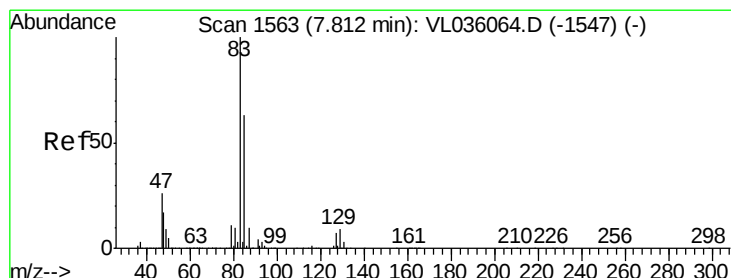
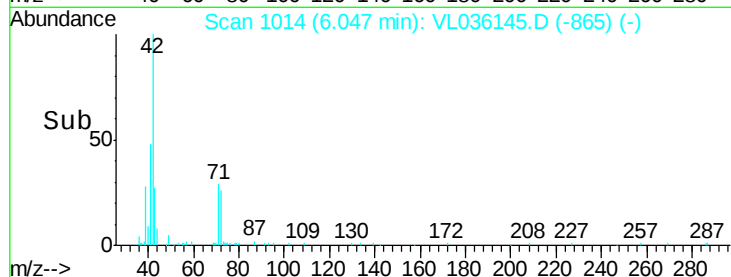
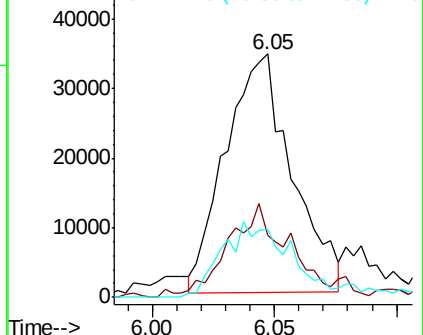
Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tot Ion:	42	Resp:	64984
Ion	Ratio	Lower	Upper
42	100		
72	39.8	28.3	42.5
71	36.2	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: 0.009 ppbv

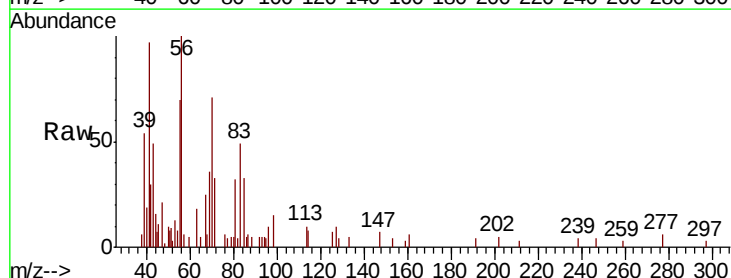
RT: 7.77 min Scan# 1550

Delta R.T. -0.04 min

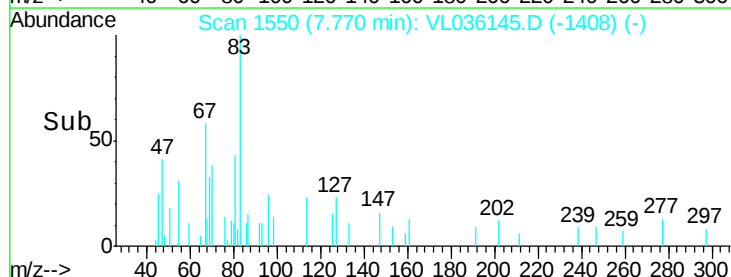
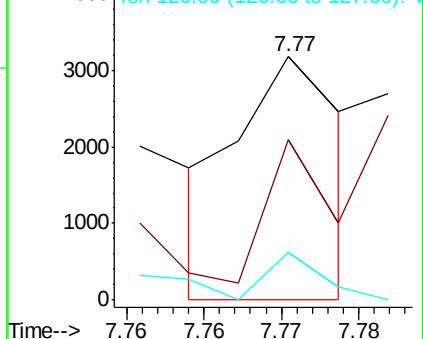
Lab File: VL036145.D

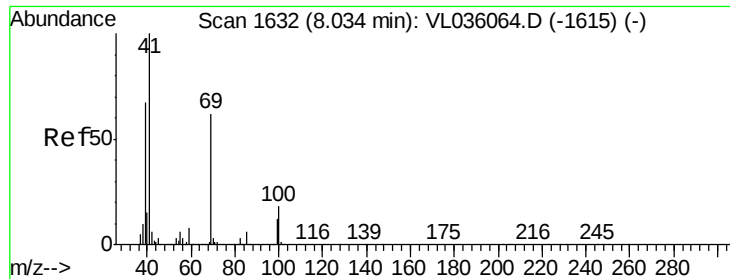
Acq: 11 Dec 2020 2:06

Tgt Ion:	83	Resp:	1485
Ion	Ratio	Lower	Upper
83	100		
85	119.9	50.2	75.2#
127	31.0	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: 0.005 ppbv

RT: 7.99 min Scan# 1618

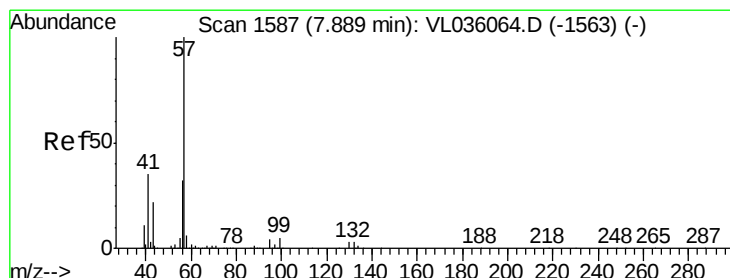
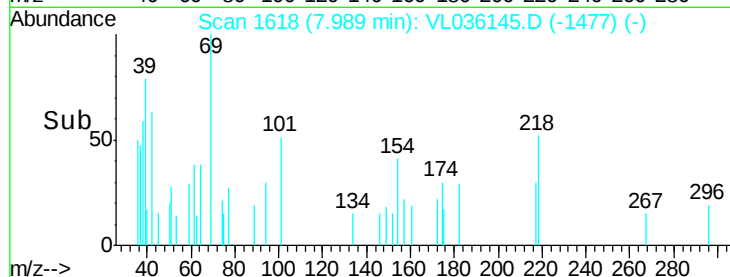
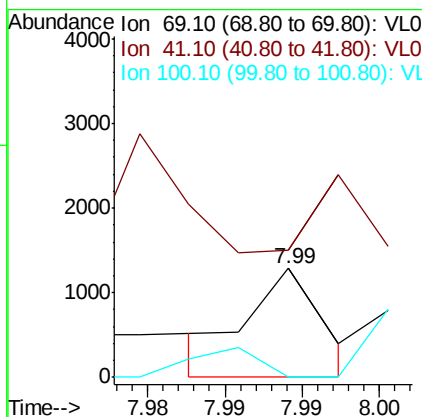
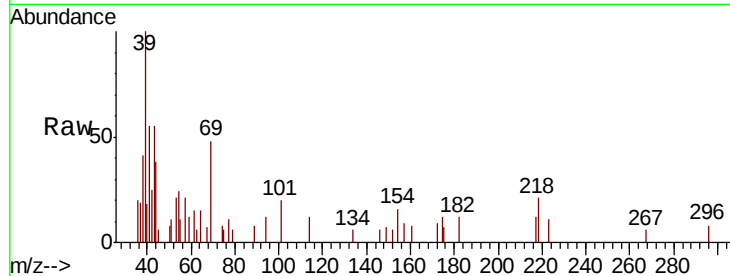
Delta R.T. -0.05 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tot Ion: 69 Resp: 429

Ion	Ratio	Lower	Upper
69	100		
41	0.0	133.0	199.6#
100	0.0	25.4	38.0#



#44

2,2,4-Trimethylpentane

Concen: 0.255 ppbv

RT: 7.85 min Scan# 1575

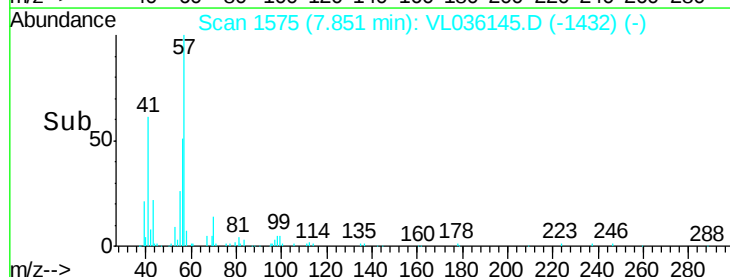
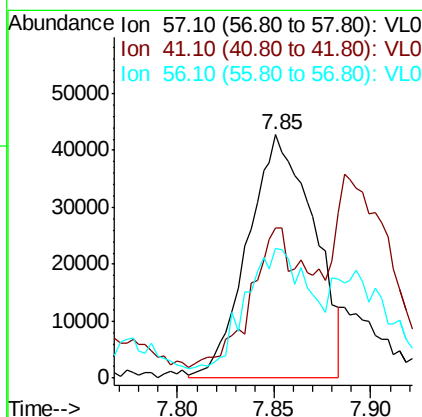
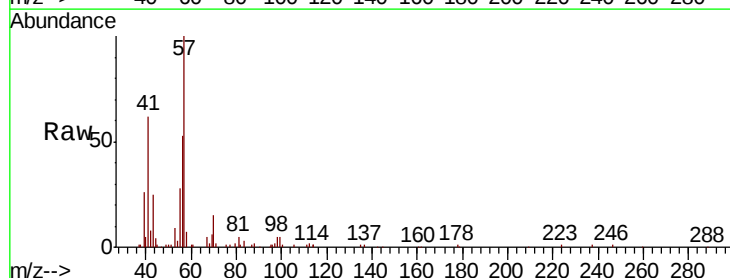
Delta R.T. -0.04 min

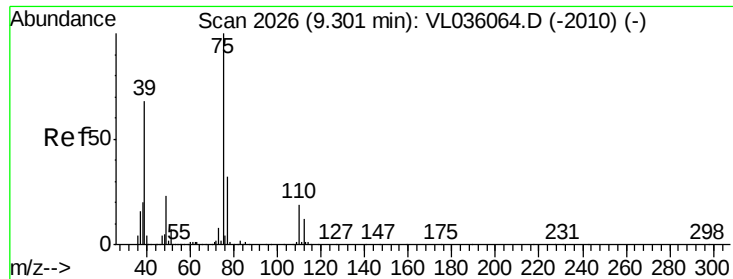
Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tgt Ion: 57 Resp: 101015

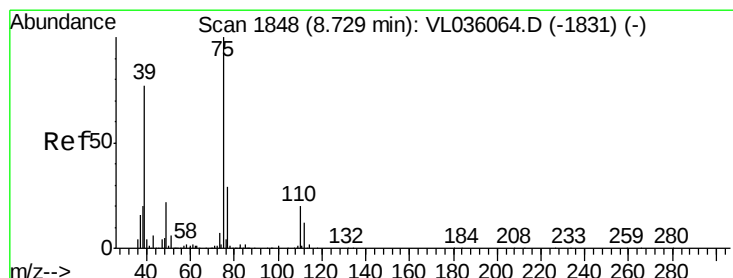
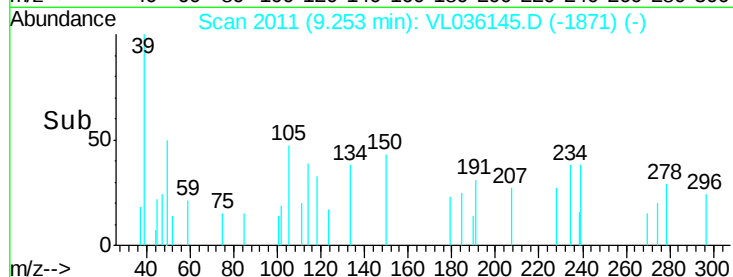
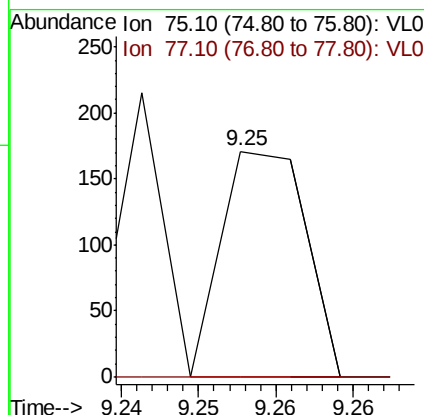
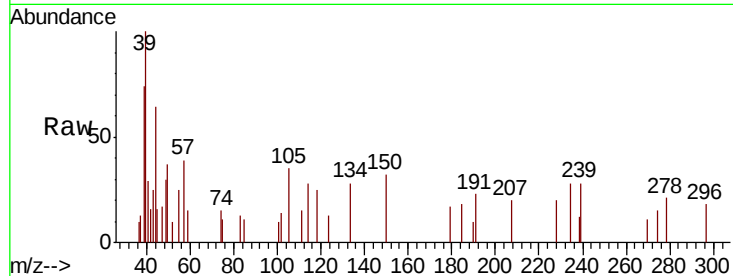
Ion	Ratio	Lower	Upper
57	100		
41	48.9	28.9	43.3#
56	49.5	25.3	37.9#





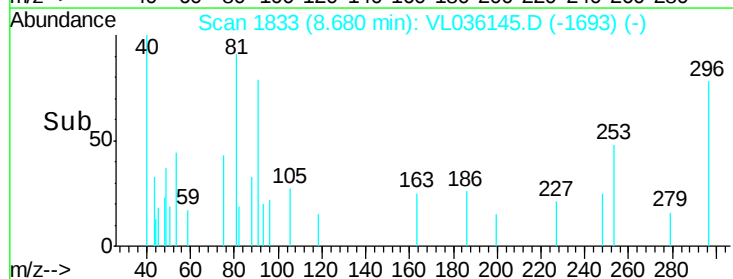
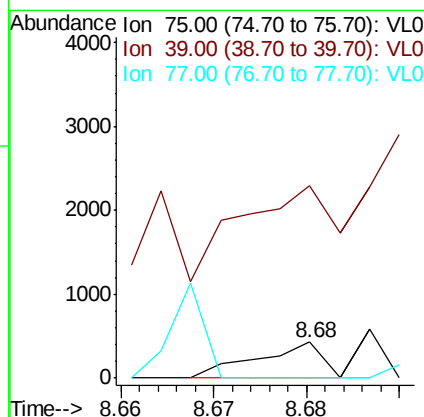
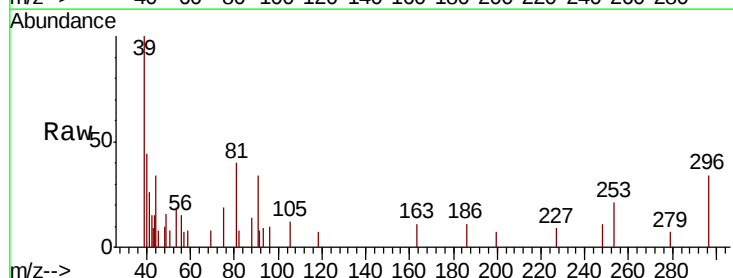
#45
t-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 9.25 min Scan# 2011
Delta R.T. -0.05 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

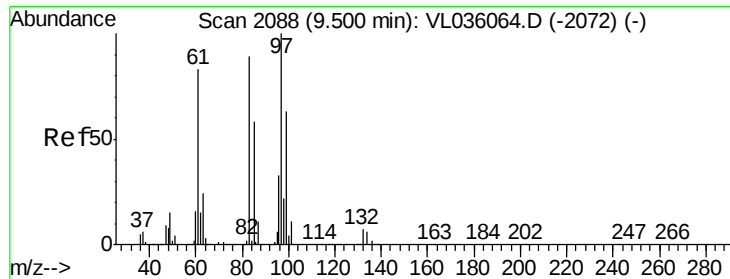
Tot Ion: 75 Resp: 65
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#



#46
cis-1,3-Dichloropropene
Concen: 0.002 ppbv
RT: 8.68 min Scan# 1833
Delta R.T. -0.05 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

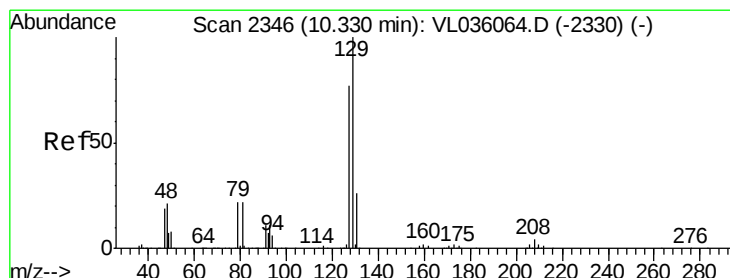
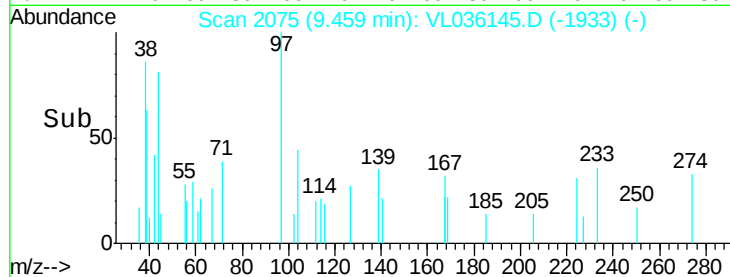
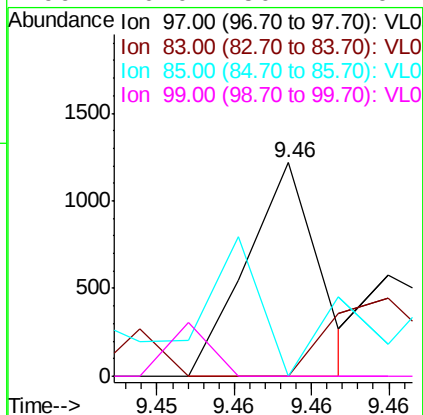
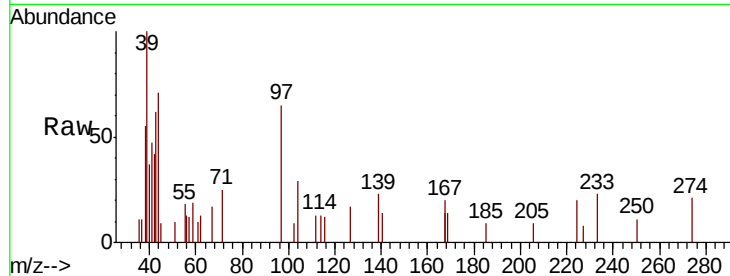
Tgt Ion: 75 Resp: 208
Ion Ratio Lower Upper
75 100
39 266.4 61.6 92.4#
77 0.0 23.0 34.6#





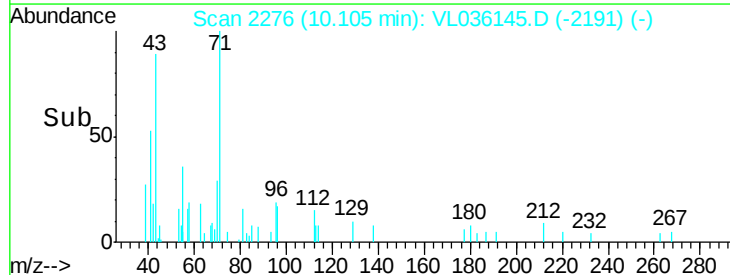
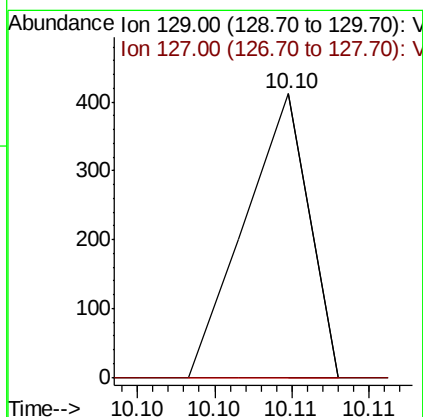
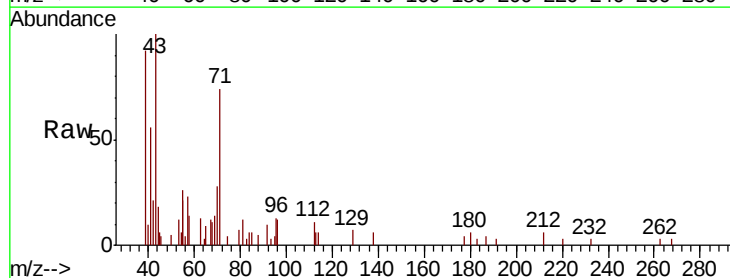
#47
 1,1,2-Trichloroethane
 Concen: 0.005 ppbv
 RT: 9.46 min Scan# 2075
 Delta R.T. -0.04 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

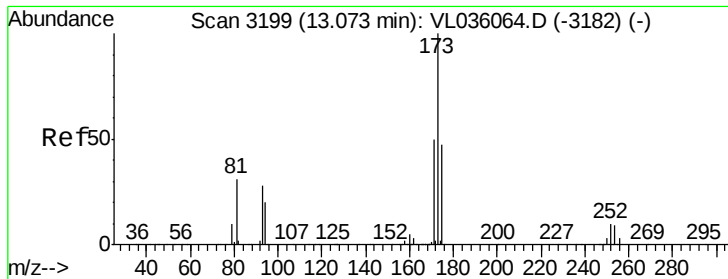
Tot Ion:	97	Resp:	394
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.4	107.2#
85	0.0	46.6	70.0#
99	0.0	50.7	76.1#



#48
 Dibromochloromethane
 Concen: 0.001 ppbv
 RT: 10.10 min Scan# 2276
 Delta R.T. -0.23 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

Tgt Ion:	129	Resp:	118
Ion	Ratio	Lower	Upper
129	100		
127	97.5	39.0	117.0





#49

Bromoform

Concen: 0.001 ppbv

RT: 13.00 min Scan# 3177

Delta R.T. -0.07 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

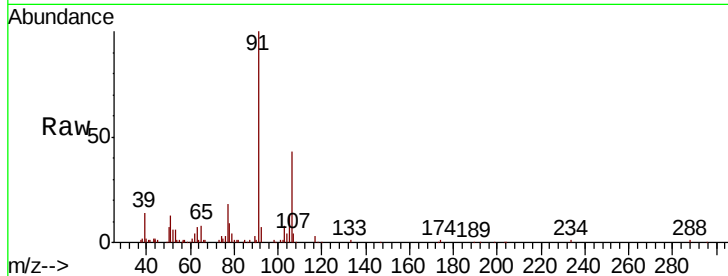
Tot Ion: 173 Resp: 72

Ion Ratio Lower Upper

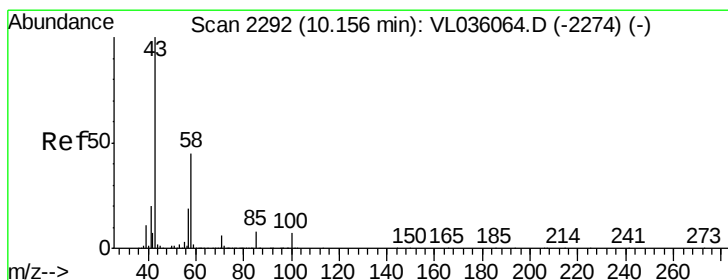
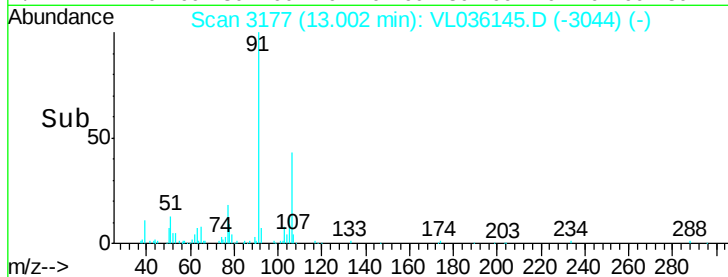
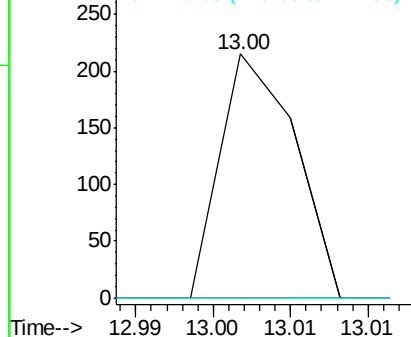
173 100

175 0.0 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



#51

2-Hexanone

Concen: 0.022 ppbv

RT: 10.11 min Scan# 2277

Delta R.T. -0.05 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

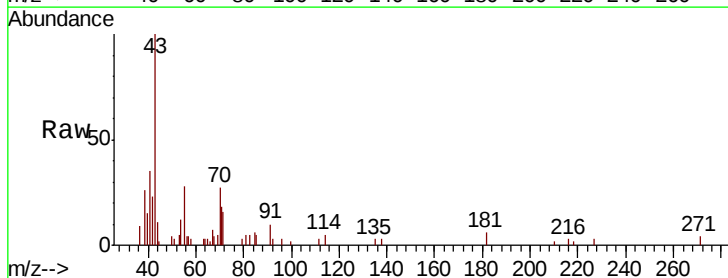
Tgt Ion: 43 Resp: 4317

Ion Ratio Lower Upper

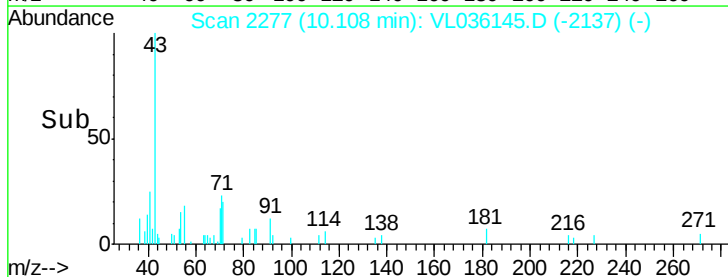
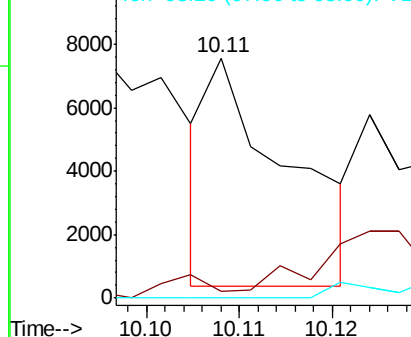
43 100

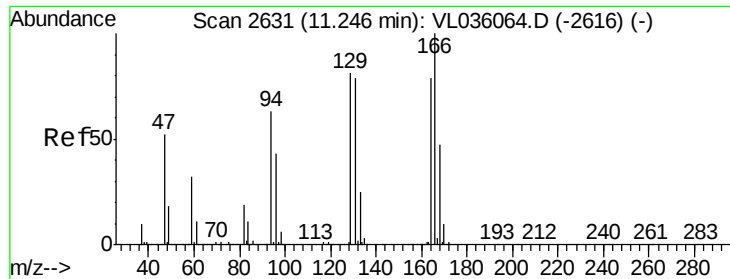
58 0.0 38.7 58.1#

98 0.0 0.1 0.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0





#52

Tetrachloroethene

Concen: 0.006 ppbv

RT: 11.19 min Scan# 2613

Delta R.T. -0.06 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tot Ion:164 Resp: 458

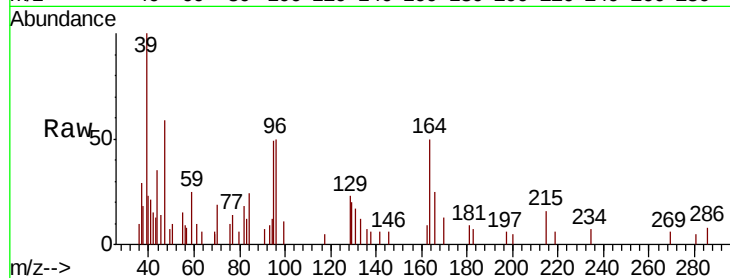
Ion Ratio Lower Upper

164 100

166 13.3 101.9 152.9#

129 46.0 82.1 123.1#

131 0.0 80.8 121.2#



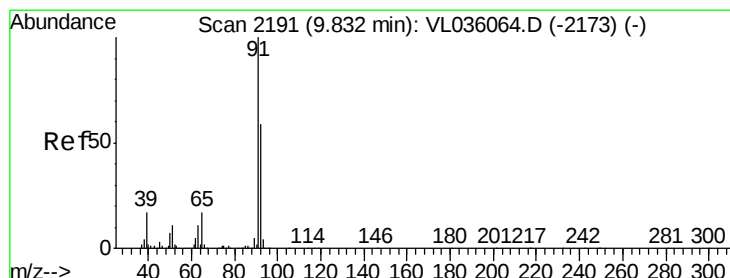
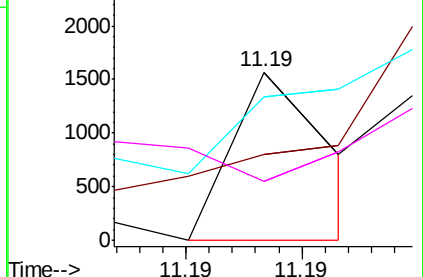
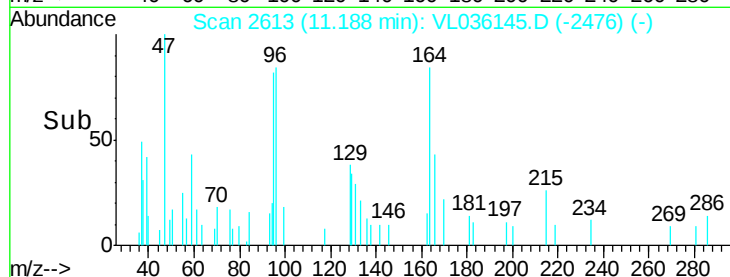
Abundance Ion 163.90 (163.60 to 164.60): V

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

Time-->



#53

Toluene

Concen: 1.243 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. -0.04 min

Lab File: VL036145.D

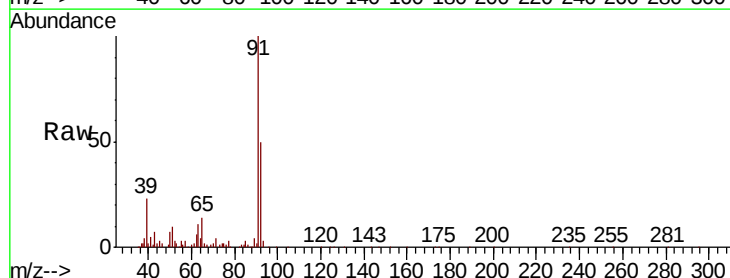
Acq: 11 Dec 2020 2:06

Tgt Ion: 91 Resp: 305705

Ion Ratio Lower Upper

91 100

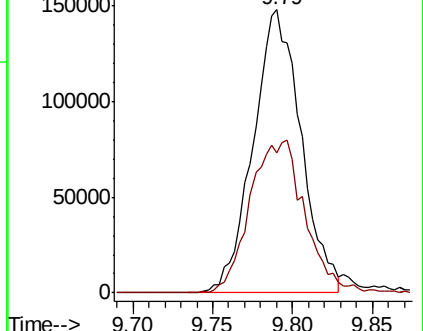
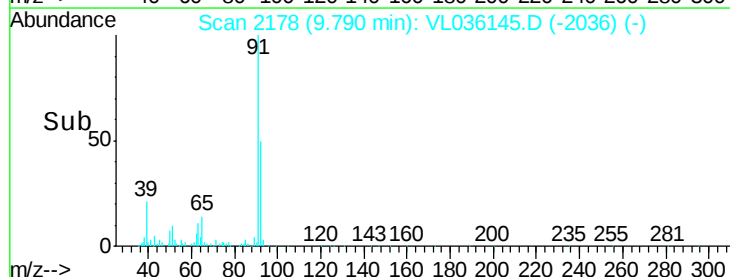
92 62.3 48.2 72.2

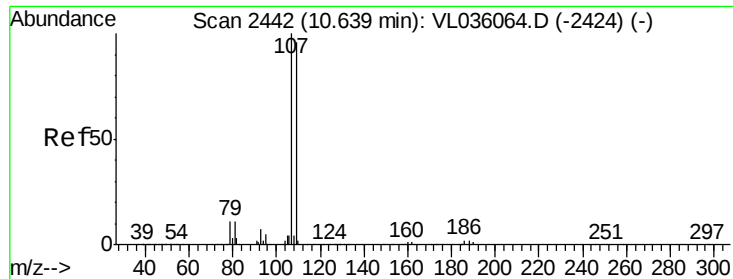


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

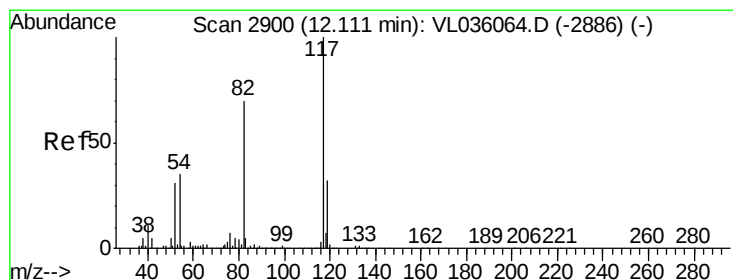
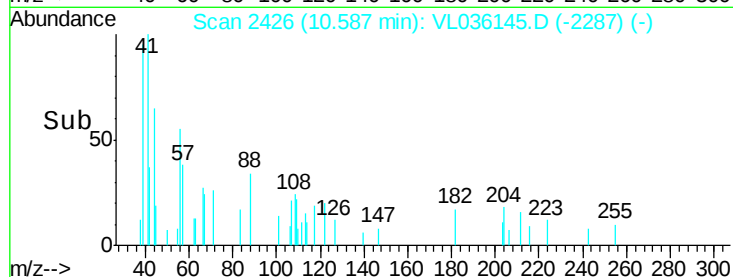
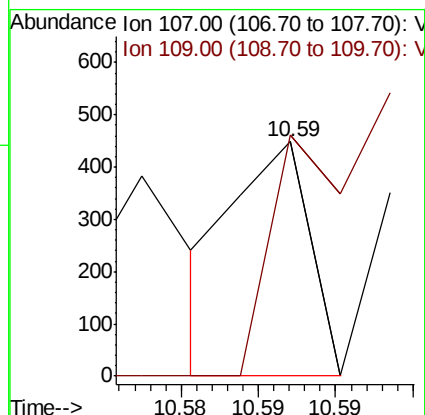
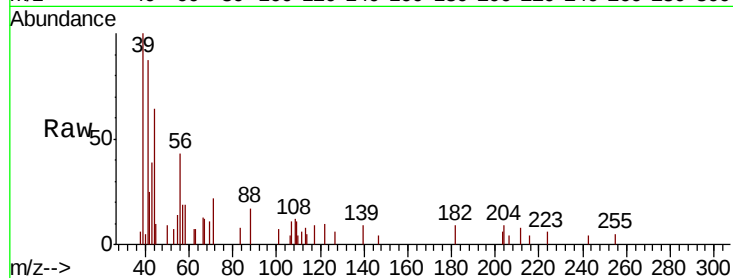
Time-->





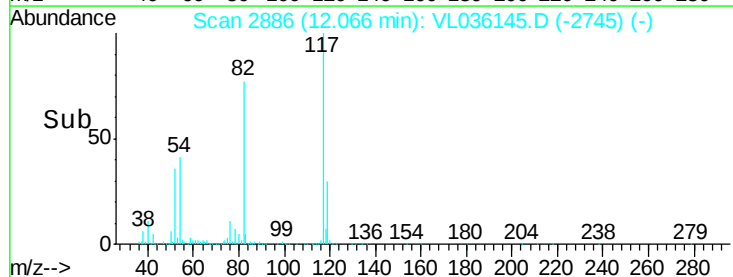
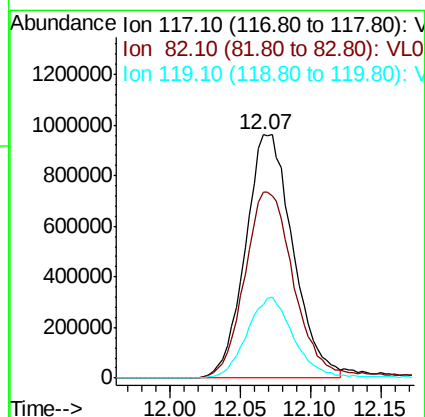
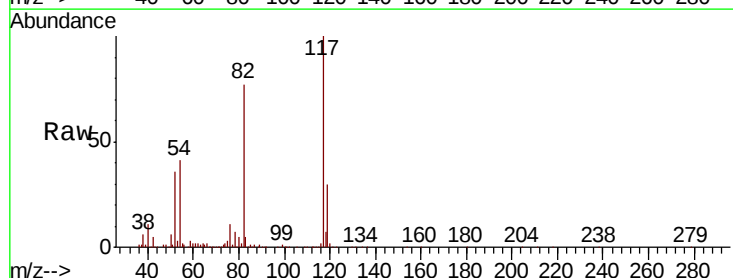
#54
 1,2-Dibromoethane
 Concen: 0.001 ppbv
 RT: 10.59 min Scan# 2426
 Delta R.T. -0.05 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

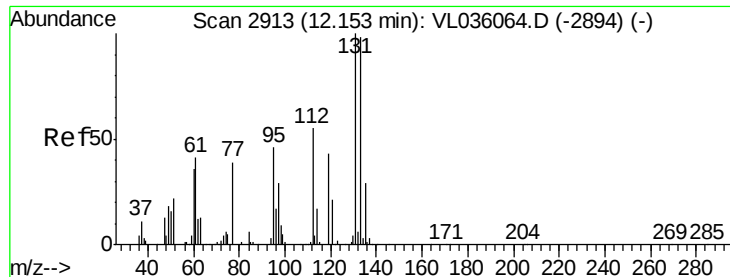
Tot Ion:107 Resp: 153
 Ion Ratio Lower Upper
 107 100
 109 102.7 76.6 115.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2886
 Delta R.T. -0.05 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

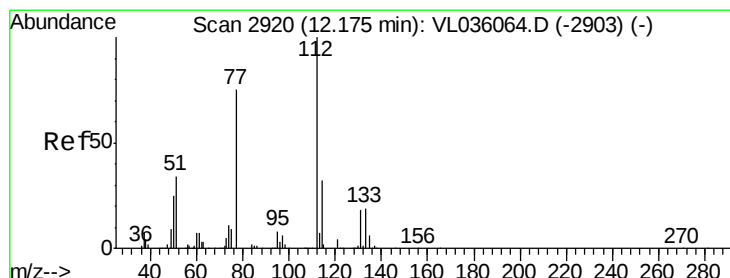
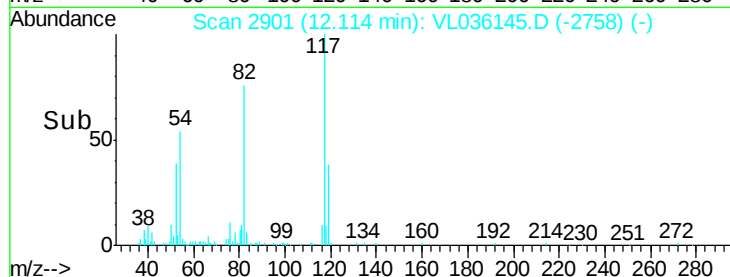
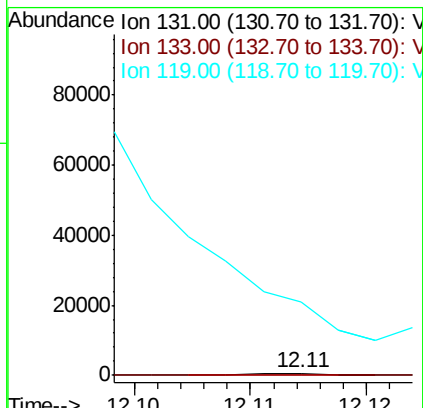
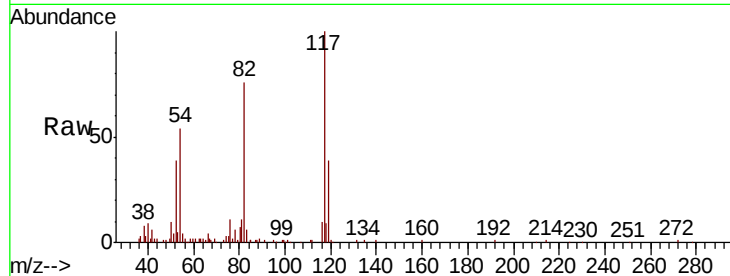
Tgt Ion:117 Resp: 2265899
 Ion Ratio Lower Upper
 117 100
 82 81.1 0.0 0.0#
 119 33.7 0.0 0.0#





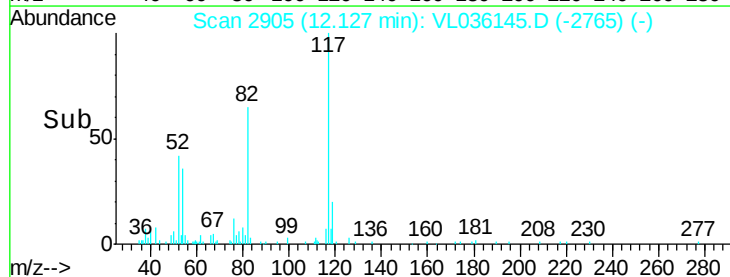
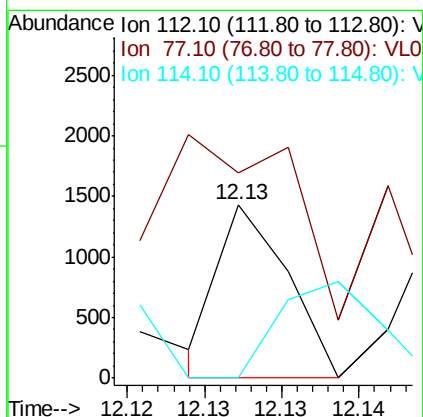
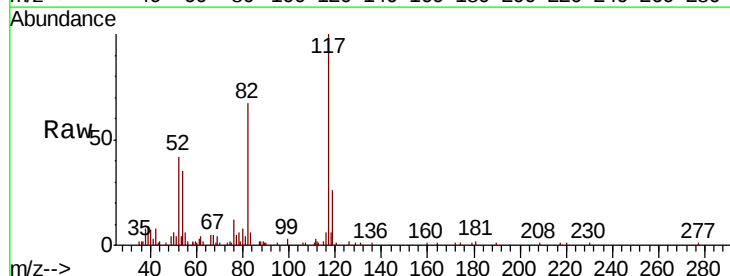
#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.003 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. -0.04 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

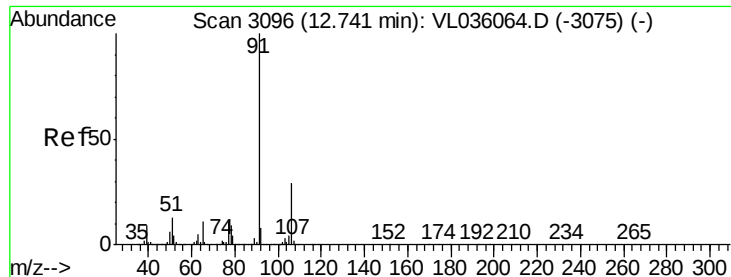
Tot Ion:131 Resp: 256
 Ion Ratio Lower Upper
 131 100
 133 0.0 77.7 116.5#
 119 0.0 51.6 77.4#



#57
 Chlorobenzene
 Concen: 0.003 ppbv
 RT: 12.13 min Scan# 2905
 Delta R.T. -0.05 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

Tgt Ion:112 Resp: 447
 Ion Ratio Lower Upper
 112 100
 77 84.3 60.5 90.7
 114 0.0 29.2 35.6#





#58

Ethyl Benzene

Concen: 0.685 ppbv

RT: 12.69 min Scan# 3081

Delta R.T. -0.05 min

Lab File: VL036145.D

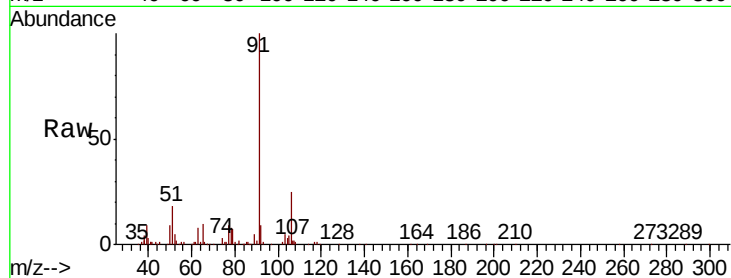
Acq: 11 Dec 2020 2:06

Tot Ion: 91 Resp: 212633

Ion Ratio Lower Upper

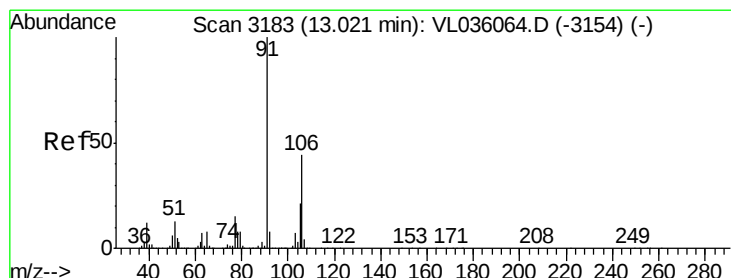
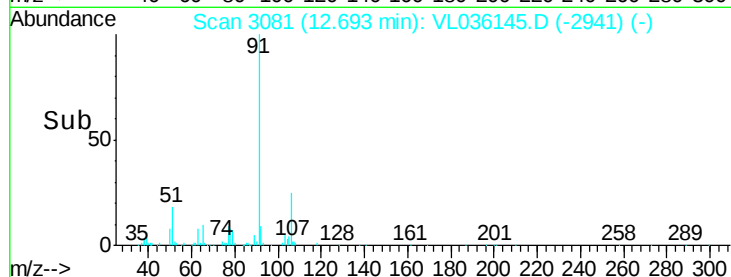
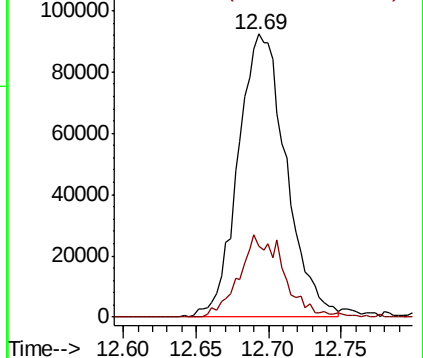
91 100

106 25.2 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: 3.257 ppbv m

RT: 12.95 min Scan# 3162

Delta R.T. -0.07 min

Lab File: VL036145.D

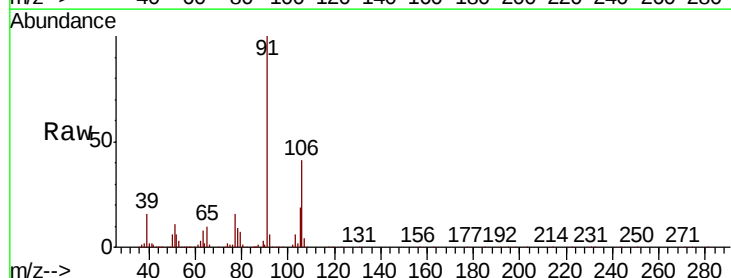
Acq: 11 Dec 2020 2:06

Tgt Ion: 91 Resp: 851771

Ion Ratio Lower Upper

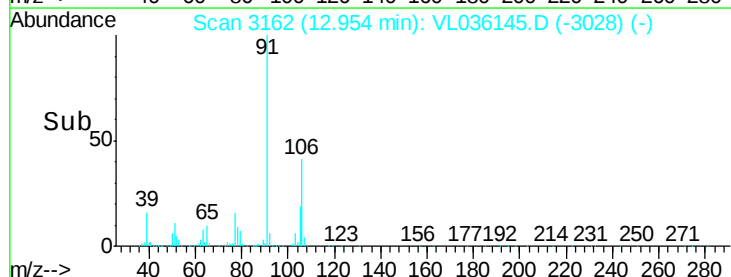
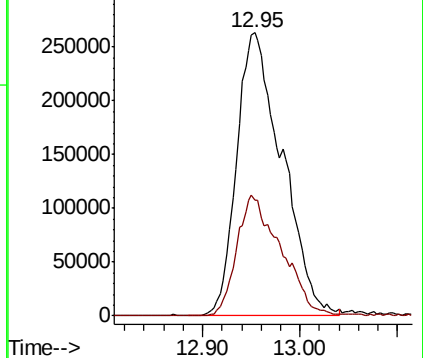
91 100

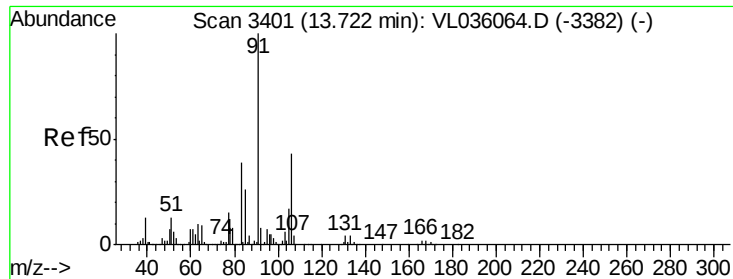
106 0.0 33.6 50.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

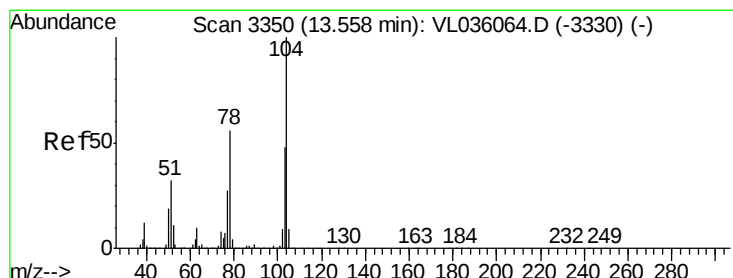
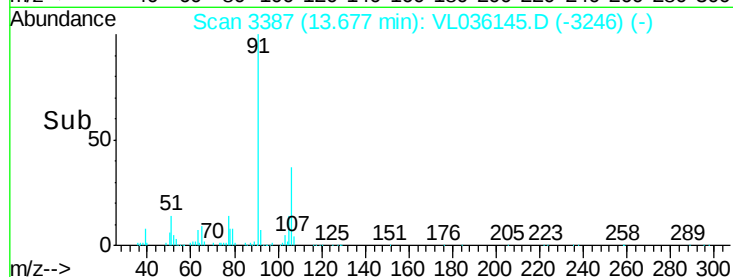
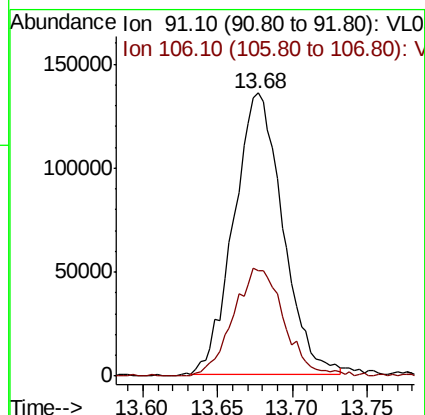
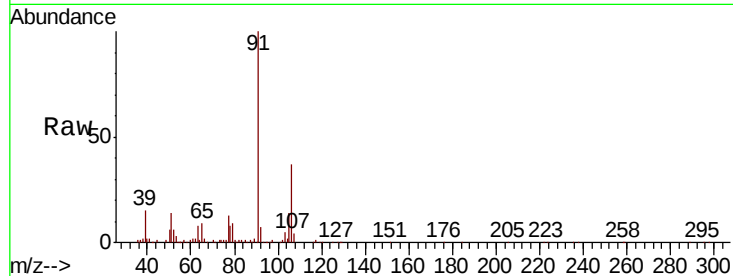
Ion 106.10 (105.80 to 106.80): V





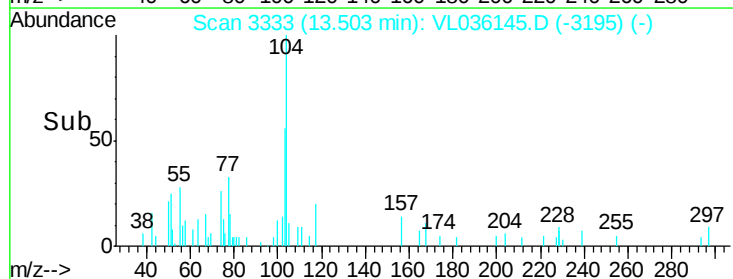
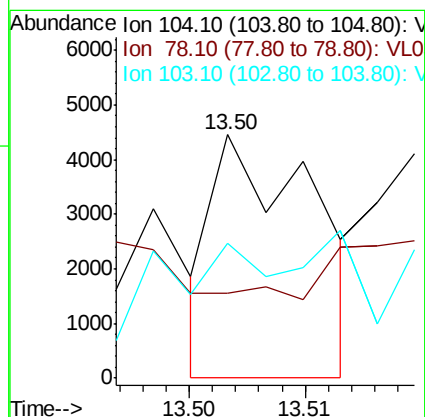
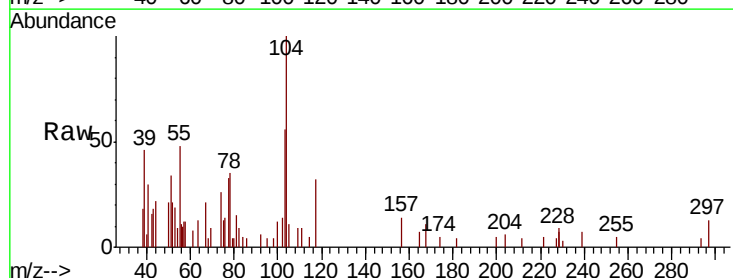
#60
o-Xylene
Concen: 1.246 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.05 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

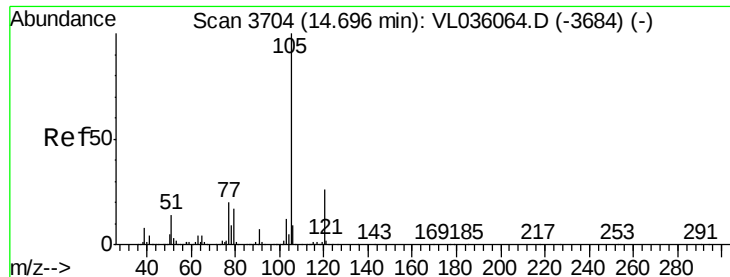
Tot Ion: 91 Resp: 307146
Ion Ratio Lower Upper
91 100
106 40.1 21.6 64.6



#61
Styrene
Concen: 0.017 ppbv
RT: 13.50 min Scan# 3333
Delta R.T. -0.05 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

Tgt Ion: 104 Resp: 2699
Ion Ratio Lower Upper
104 100
78 0.0 45.8 68.8#
103 0.0 38.6 57.8#





#62

Isopropylbenzene

Concen: 0.012 ppbv

RT: 14.65 min Scan# 3690

Delta R.T. -0.05 min

Lab File: VL036145.D

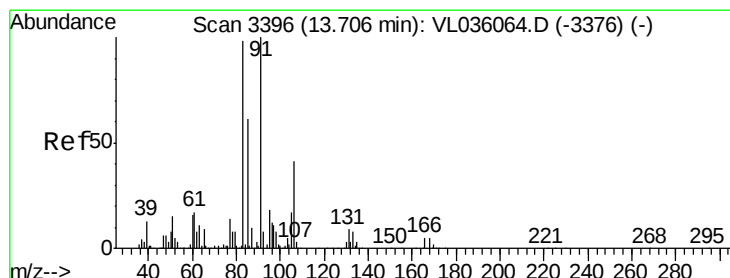
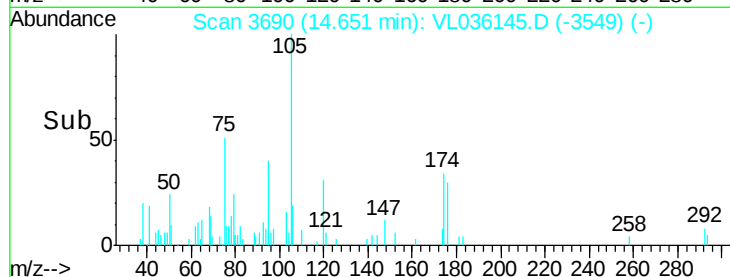
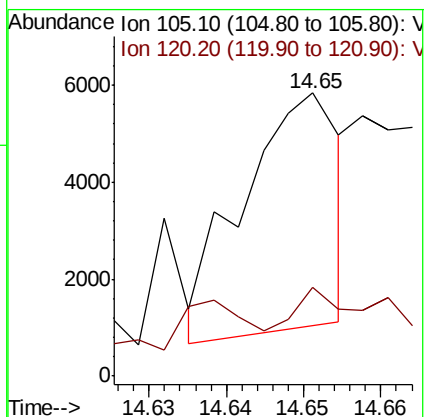
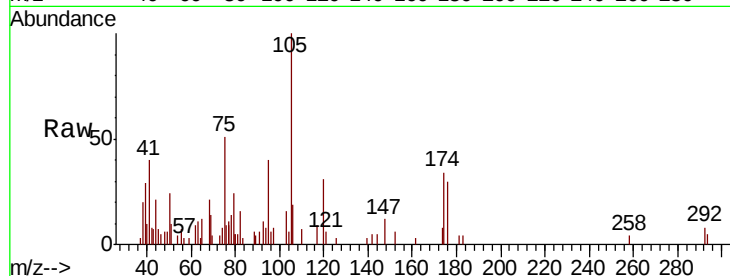
Acq: 11 Dec 2020 2:06

Tot Ion: 105 Resp: 4254

Ion Ratio Lower Upper

105 100

120 91.3 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: VL036145.D

Acq: 11 Dec 2020 2:06

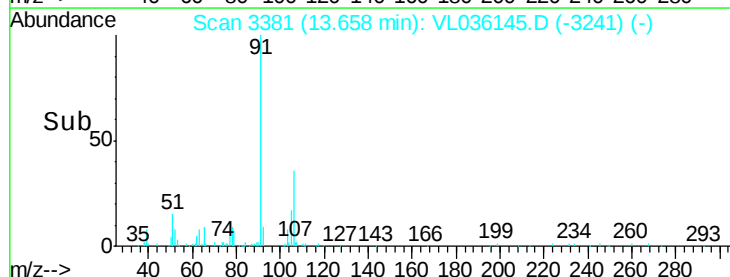
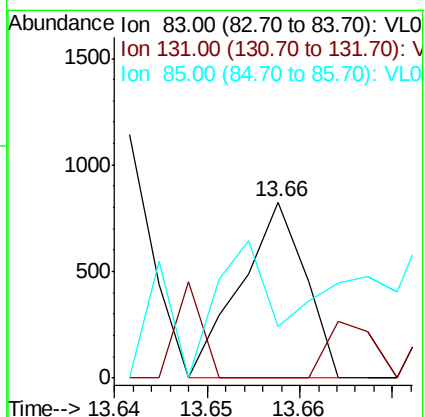
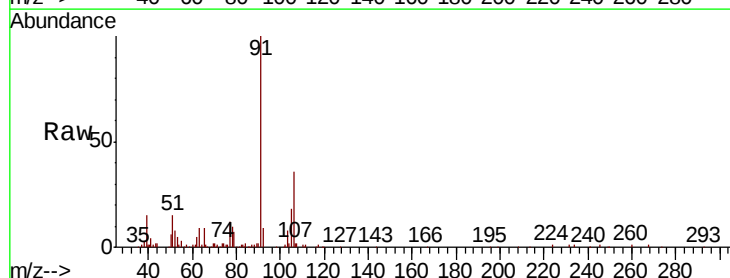
Tgt Ion: 83 Resp: 399

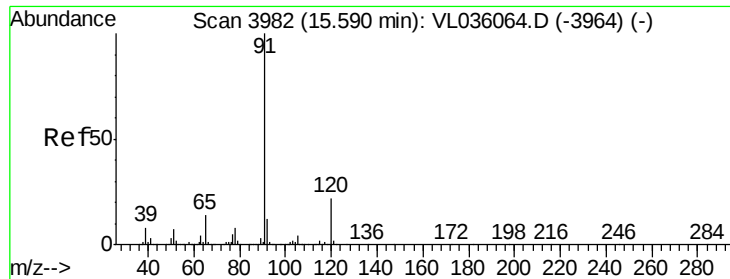
Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

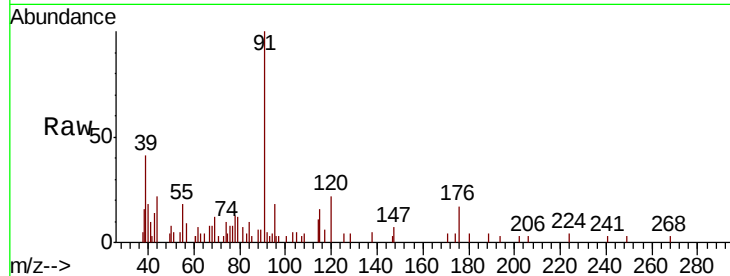
85 0.0 32.5 97.5#



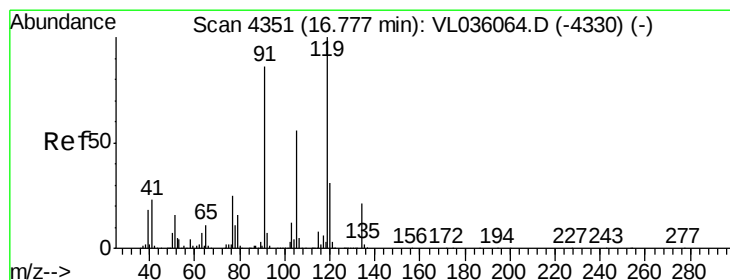
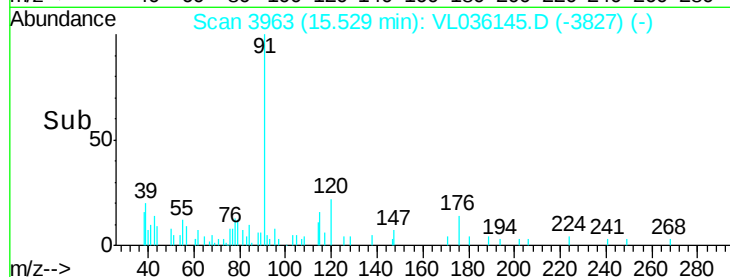
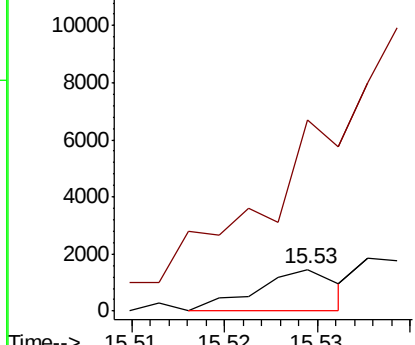


#64
n-propylbenzene
Concen: 0.010 ppbv
RT: 15.53 min Scan# 3963
Delta R.T. -0.06 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

Tot Ion:120 Resp: 882
Ion Ratio Lower Upper
120 100
91 0.0 388.9 583.3#

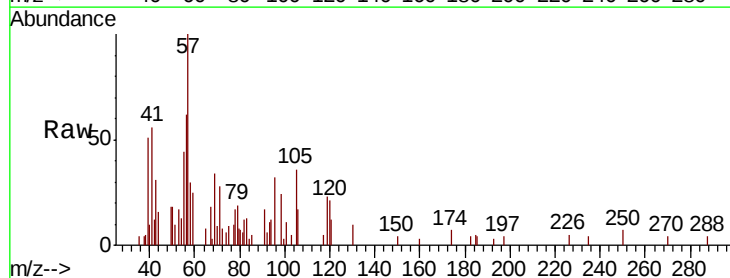


Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0

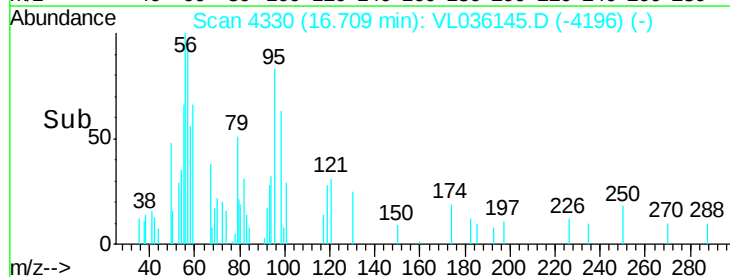
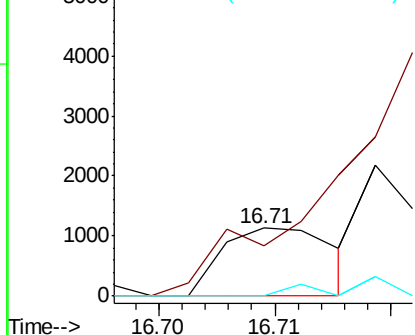


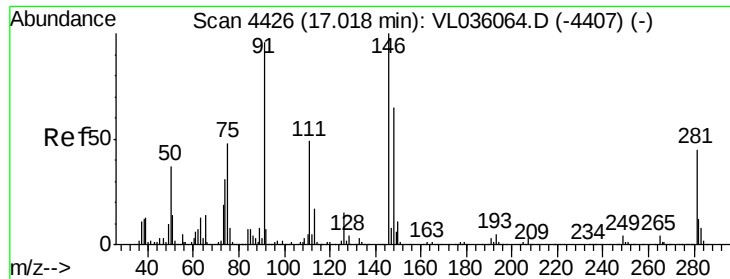
#65
tert-Butylbenzene
Concen: 0.003 ppbv
RT: 16.71 min Scan# 4330
Delta R.T. -0.07 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

Tgt Ion:119 Resp: 754
Ion Ratio Lower Upper
119 100
91 0.0 70.2 105.2#
134 0.0 15.8 23.6#



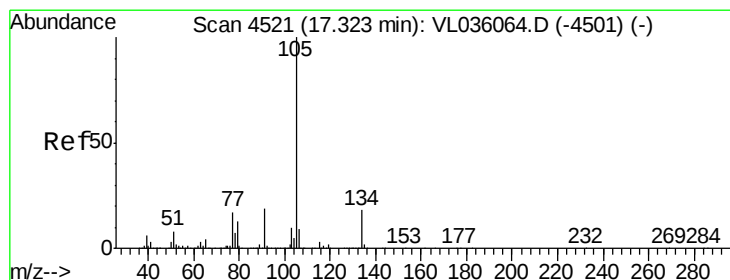
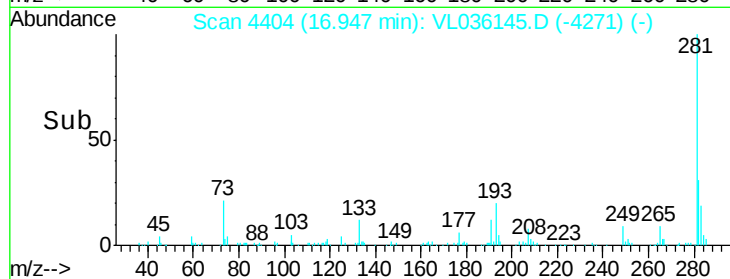
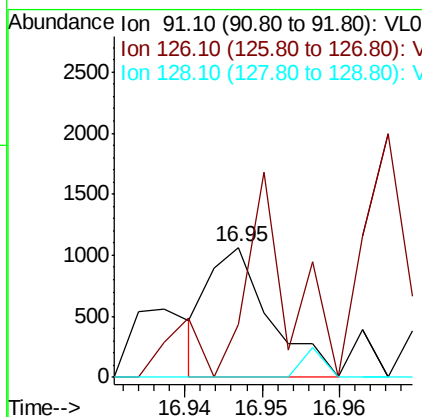
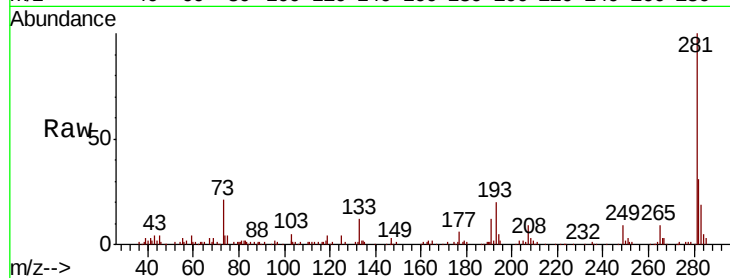
Abundance Ion 119.20 (118.90 to 119.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 134.20 (133.90 to 134.90): V





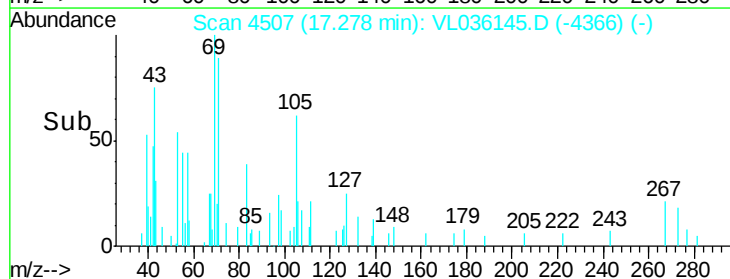
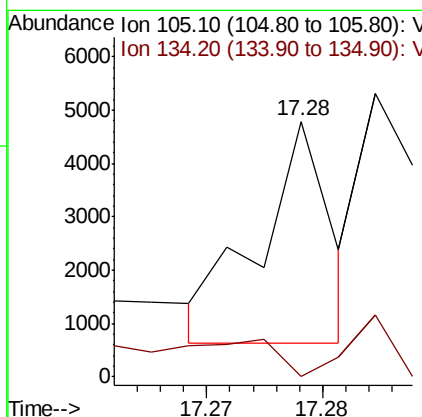
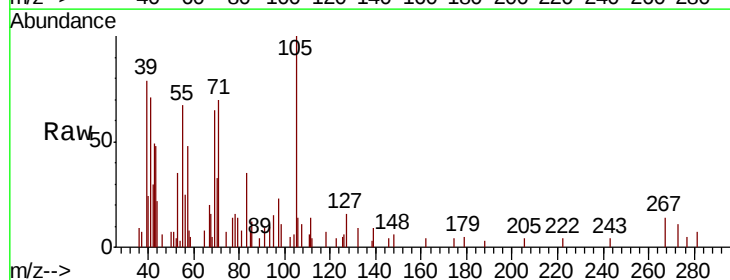
#66
Benzyl Chloride
Concen: 0.008 ppbv
RT: 16.95 min Scan# 4404
Delta R.T. -0.07 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

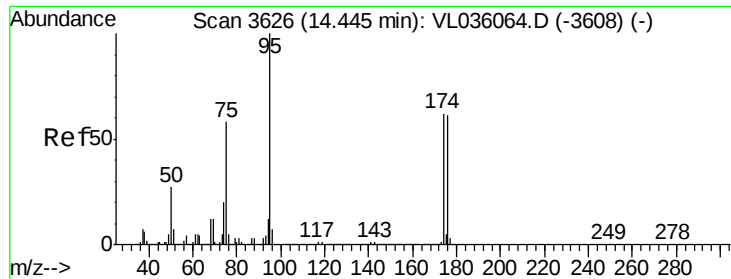
Tot Ion: 91 Resp: 587
Ion Ratio Lower Upper
91 100
126 0.0 13.5 20.3#
128 0.0 4.4 6.6#



#67
sec-Butylbenzene
Concen: 0.004 ppbv
RT: 17.28 min Scan# 4507
Delta R.T. -0.05 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

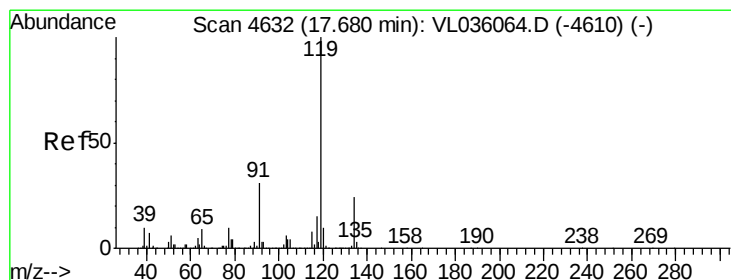
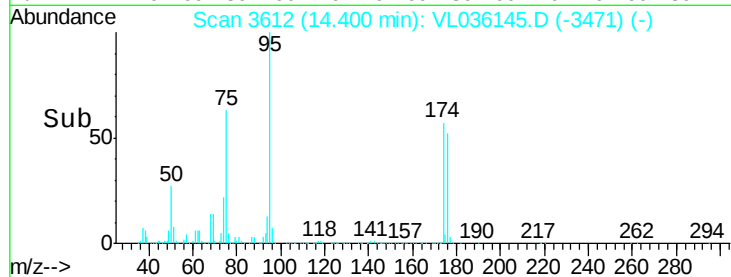
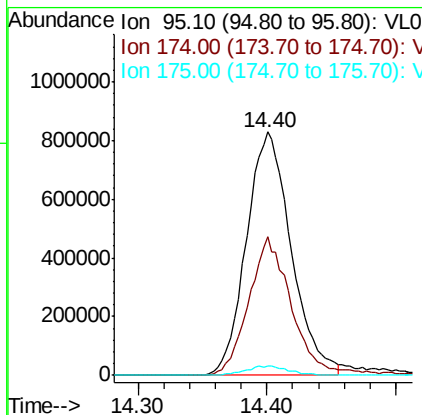
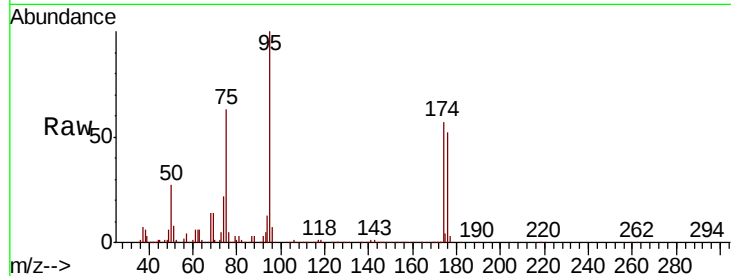
Tgt Ion: 105 Resp: 1762
Ion Ratio Lower Upper
105 100
134 0.0 14.2 21.4#





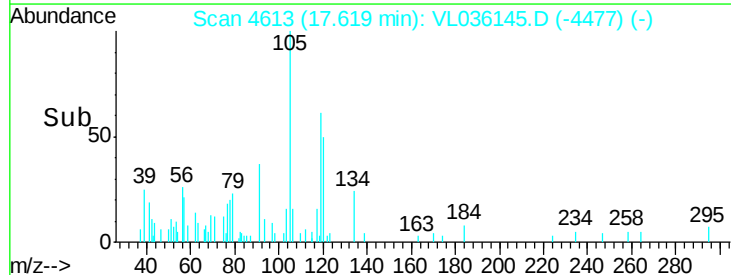
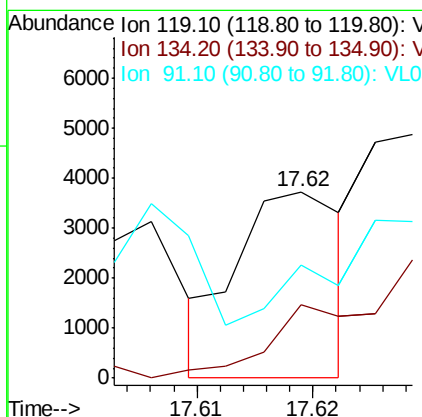
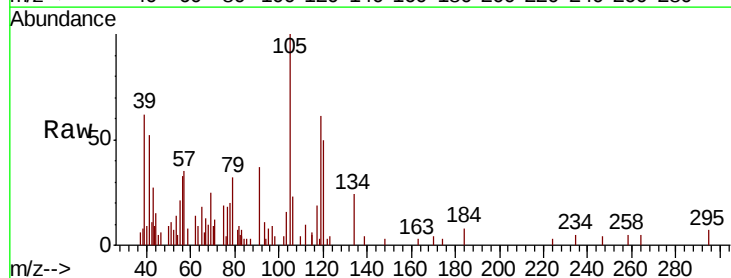
#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.150 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.05 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

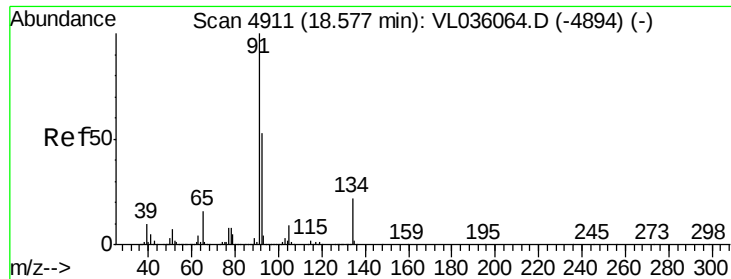
Tot Ion: 95 Resp: 2006166
 Ion Ratio Lower Upper
 95 100
 174 54.7 50.7 76.1
 175 4.0 4.0 6.0#



#69
 p-Isopropyltoluene
 Concen: 0.007 ppbv
 RT: 17.62 min Scan# 4613
 Delta R.T. -0.06 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

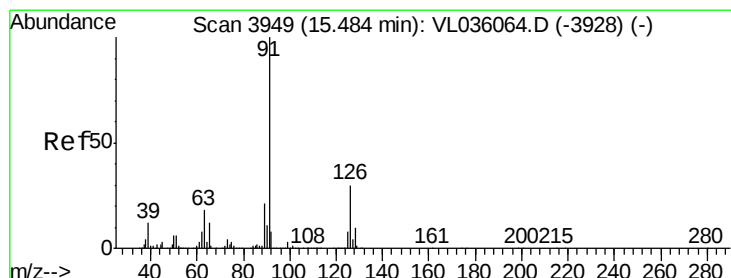
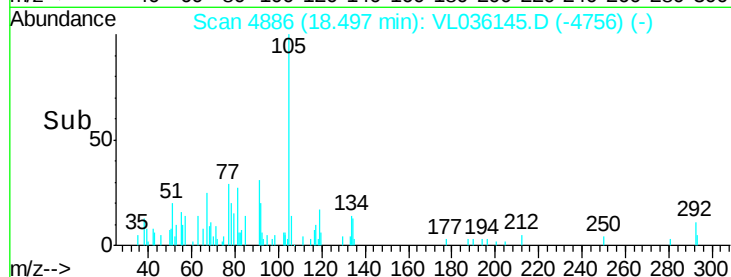
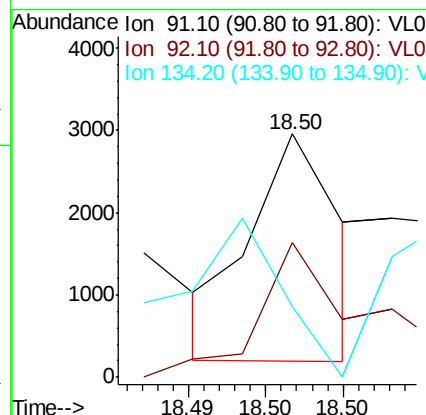
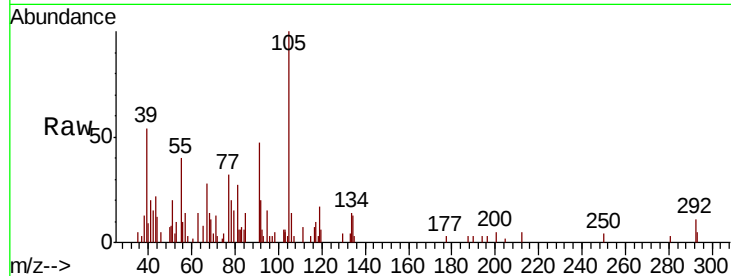
Tgt Ion: 119 Resp: 2373
 Ion Ratio Lower Upper
 119 100
 134 0.0 19.8 29.6#
 91 0.0 25.8 38.6#





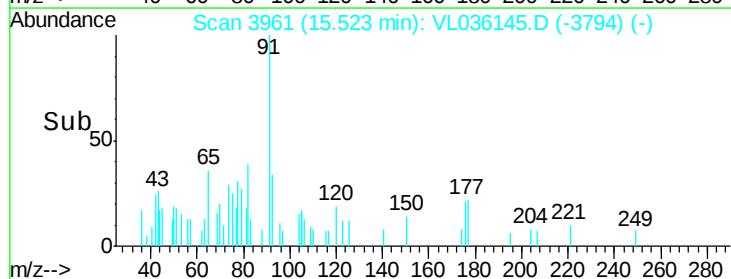
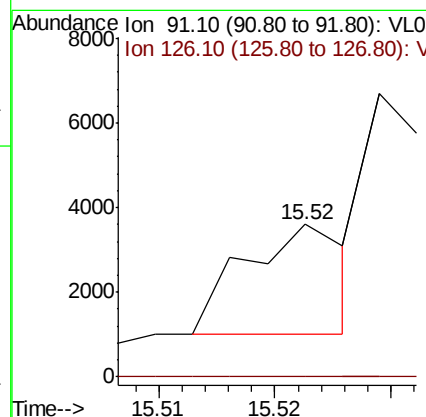
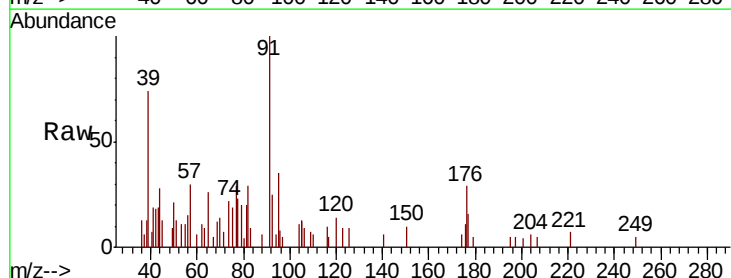
#70
n-Butylbenzene
Concen: 0.003 ppbv
RT: 18.50 min Scan# 4886
Delta R.T. -0.08 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

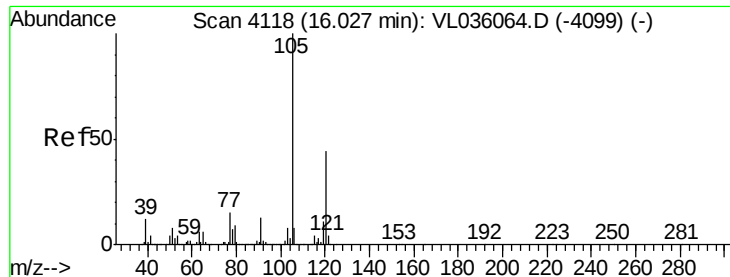
Tot Ion: 91 Resp: 1103
Ion Ratio Lower Upper
91 100
92 0.0 43.3 64.9#
134 0.0 17.1 25.7#



#71
2-Chlorotoluene
Concen: 0.006 ppbv
RT: 15.52 min Scan# 3961
Delta R.T. 0.04 min
Lab File: VL036145.D
Acq: 11 Dec 2020 2:06

Tgt Ion: 91 Resp: 1569
Ion Ratio Lower Upper
91 100
126 36.3 11.6 46.4





#73

1,3,5-Trimethylbenzene

Concen: 0.219 ppbv m

RT: 15.99 min Scan# 4105

Delta R.T. -0.04 min

Lab File: VL036145.D

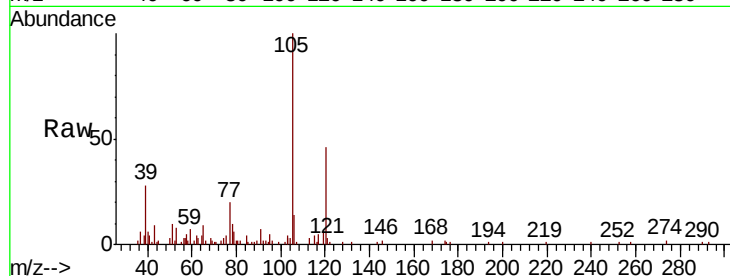
Acq: 11 Dec 2020 2:06

Tot Ion:105 Resp: 55904

Ion Ratio Lower Upper

105 100

120 46.5 35.4 53.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.99

25000

20000

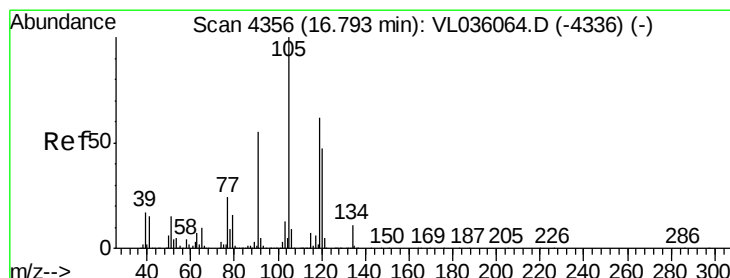
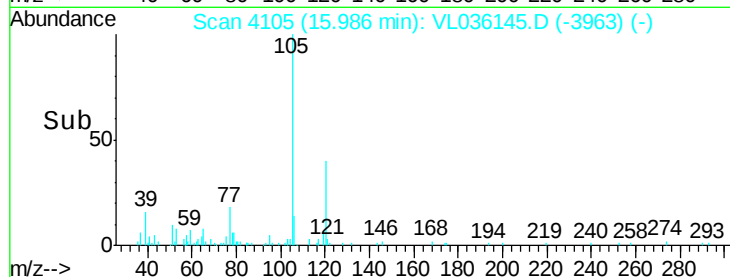
15000

10000

5000

0

Time--> 15.90 15.95 16.00 16.05



#74

1,2,4-Trimethylbenzene

Concen: 0.575 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.04 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tgt Ion:105 Resp: 147154

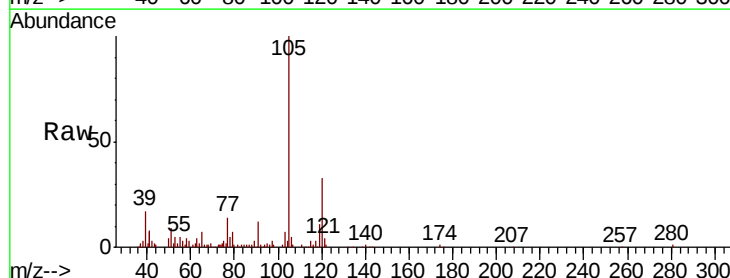
Ion Ratio Lower Upper

105 100

120 32.8 37.4 56.0#

91 10.5 45.6 68.4#

77 13.5 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

100000

80000

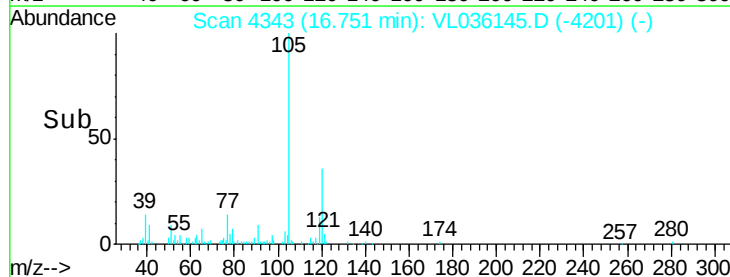
60000

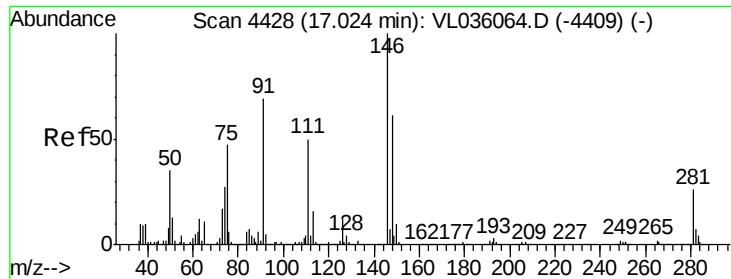
40000

20000

0

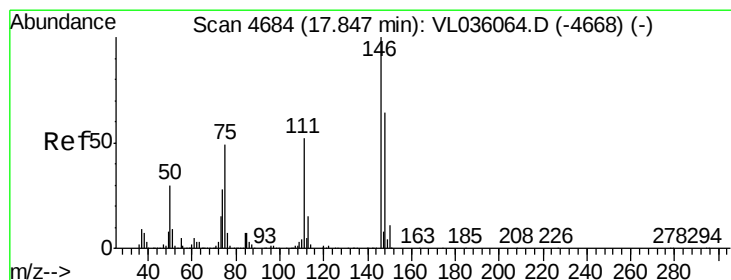
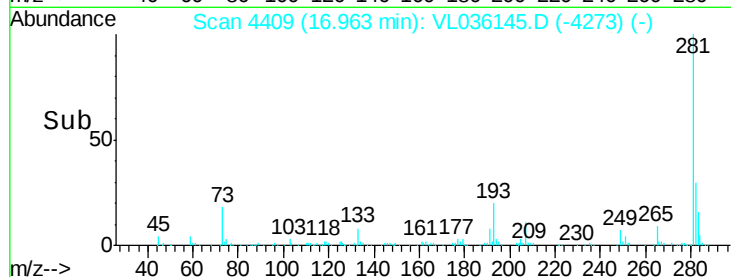
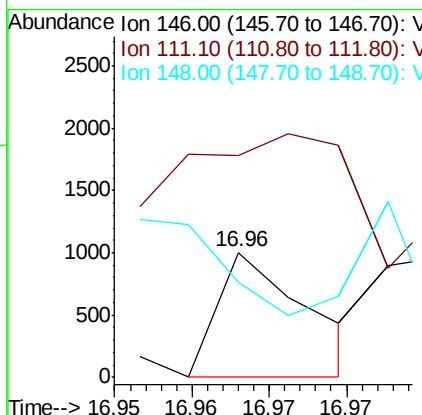
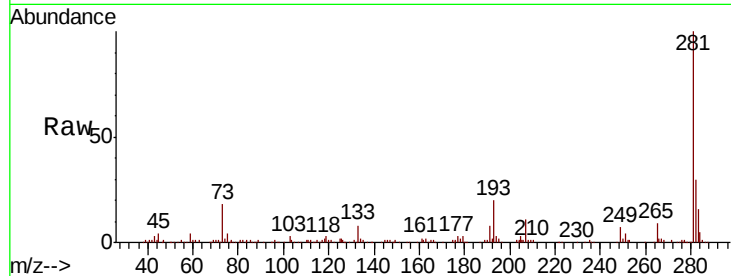
Time--> 16.70 16.75





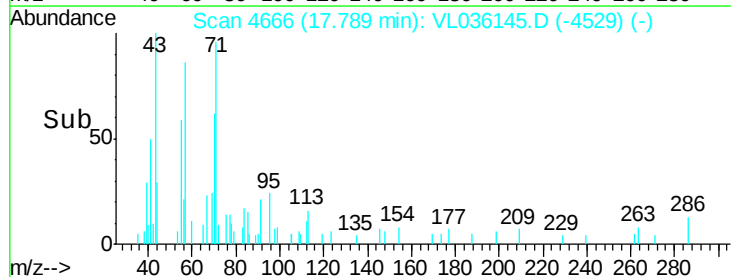
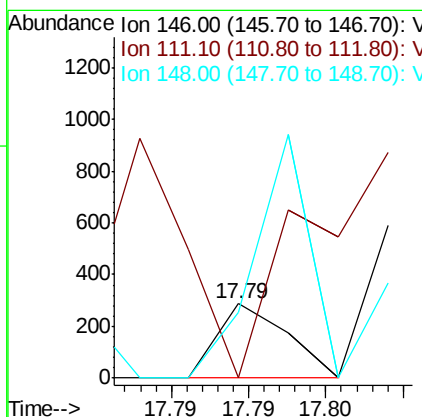
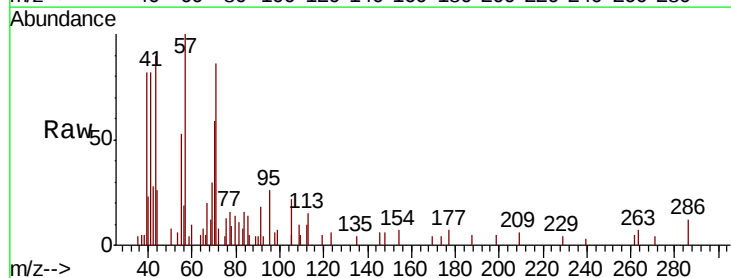
#75
 1,3-Dichlorobenzene
 Concen: 0.003 ppbv
 RT: 16.96 min Scan# 4409
 Delta R.T. -0.06 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

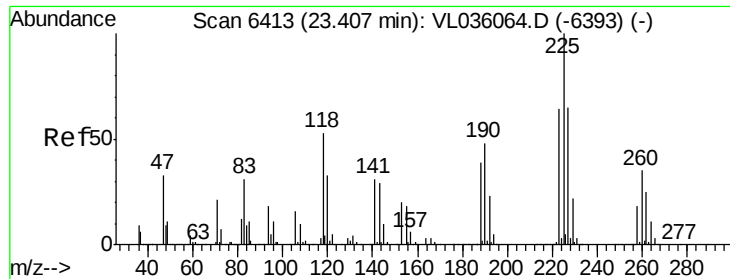
Tot Ion:146 Resp: 402
 Ion Ratio Lower Upper
 146 100
 111 1466.2 25.1 75.3#
 148 0.0 32.9 98.6#



#77
 1,2-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.79 min Scan# 4666
 Delta R.T. -0.06 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

Tgt Ion:146 Resp: 90
 Ion Ratio Lower Upper
 146 100
 111 1280.0 26.1 78.2#
 148 644.4 33.1 99.5#

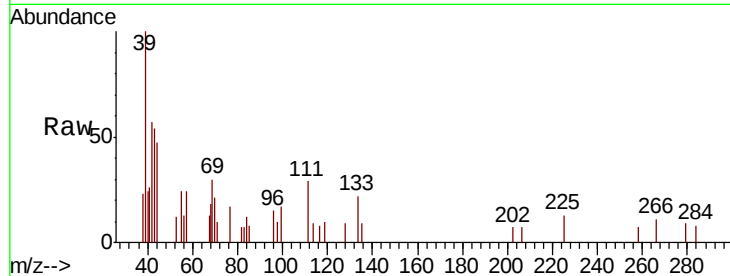




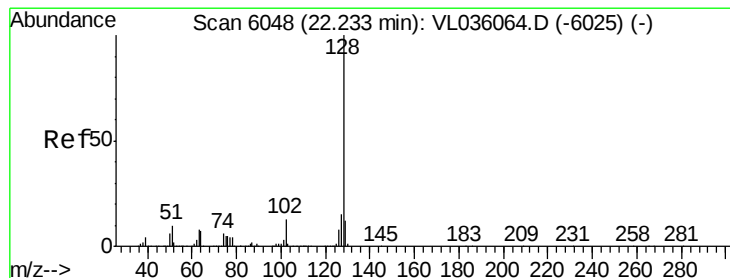
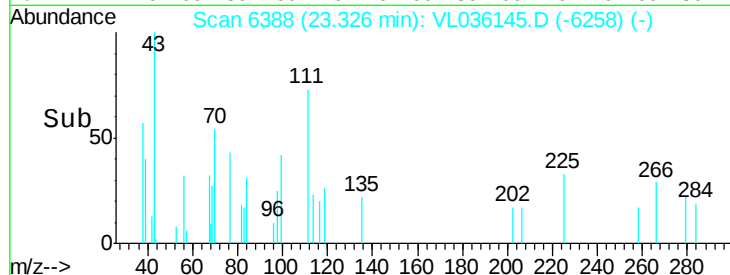
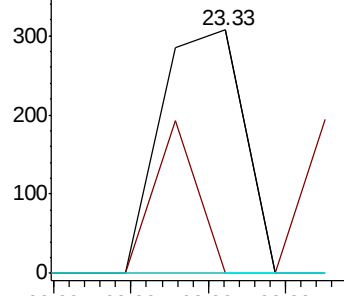
#78

Hexachloro-1,3-Butadiene
 Concen: 0.001 ppbv
 RT: 23.33 min Scan# 6388
 Delta R.T. -0.08 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.1	76.7
227	0.0	51.7	77.5#



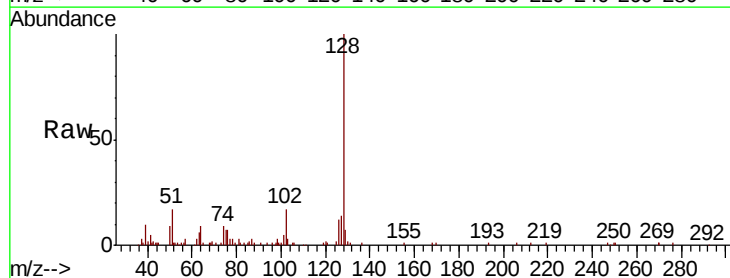
Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V



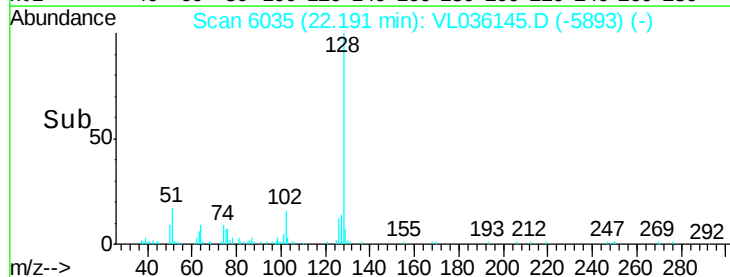
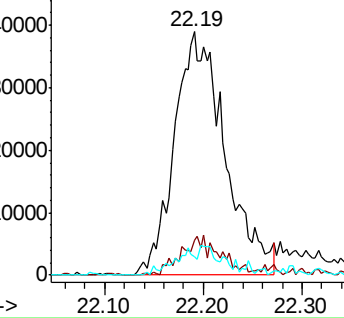
#79

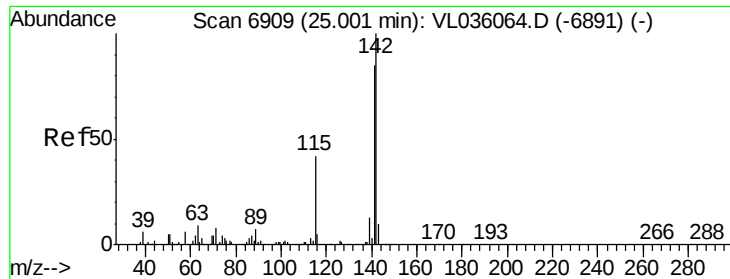
Naphthalene
 Concen: 1.064 ppbv m
 RT: 22.19 min Scan# 6035
 Delta R.T. -0.04 min
 Lab File: VL036145.D
 Acq: 11 Dec 2020 2:06

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	11.7	17.5
129	7.5	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: 0.005 ppbv

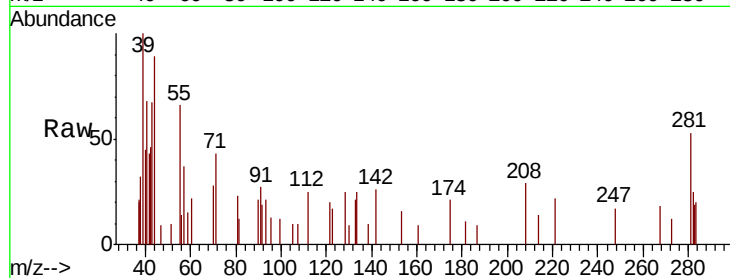
RT: 24.84 min Scan# 6858

Delta R.T. -0.16 min

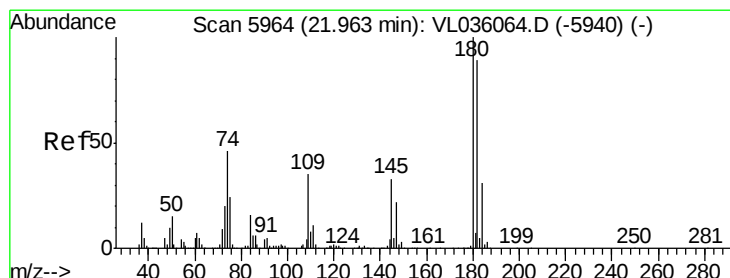
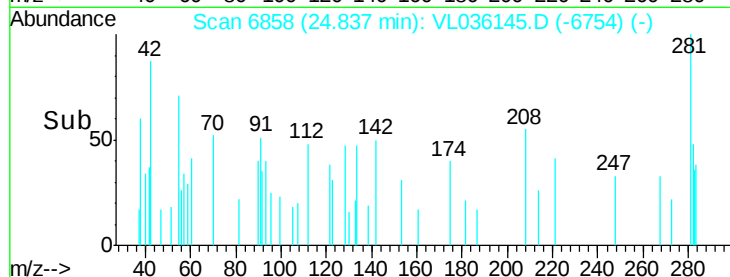
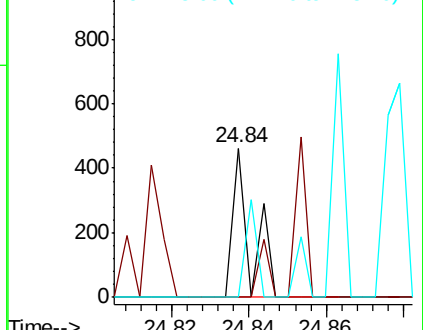
Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tot Ion:	142	Resp:	145
Ion	Ratio	Lower	Upper
142	100		
141	90.3	64.3	96.5
115	329.7	33.9	50.9#



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V



#81

1,2,4-Trichlorobenzene

Concen: 0.001 ppbv

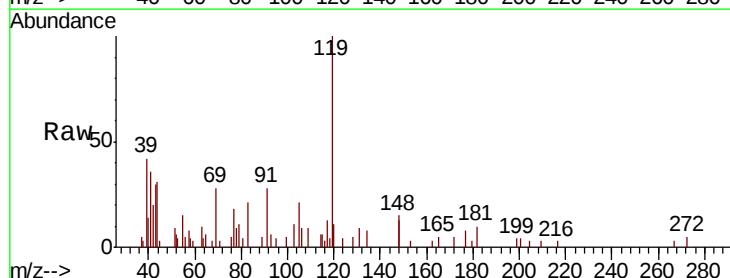
RT: 21.88 min Scan# 5939

Delta R.T. -0.08 min

Lab File: VL036145.D

Acq: 11 Dec 2020 2:06

Tgt Ion:	180	Resp:	70
Ion	Ratio	Lower	Upper
180	100		
182	0.0	0.0	0.0
184	0.0	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

