

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036821.D
 Acq On : 20 Apr 2021 14:05
 Operator : SY/AP
 Sample : VL0420ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 21 06:36:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1336498	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3440739	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3965429	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2448152	7.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	77.50%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1889482	8.668	ppbv	96
3) Chlorodifluoromethane	2.99	51	2552073	10.220	ppbv	100
4) Chloromethane	3.14	50	861582	9.768	ppbv	92
5) Vinyl Chloride	3.26	62	864007	9.527	ppbv	98
6) Bromomethane	3.47	94	481550	9.644	ppbv	99
7) Chloroethane	3.56	64	290836	9.333	ppbv	99
8) Dichlorotetrafluoroethane	3.19	85	1983950	9.536	ppbv	97
9) Propene	3.01	41	846031	10.628	ppbv	99
10) Heptane	8.13	43	2172000	10.710	ppbv	99
11) Trichlorofluoromethane	3.95	101	2026411	9.122	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1331976	9.378	ppbv	98
13) Ethanol	3.61	45	94751	9.995	ppbv	93
14) Bromoethene	3.74	108	582847	9.871	ppbv	98
15) Acetone	3.85	43	1194002	9.077	ppbv	99
16) 1,3-Butadiene	3.33	39	889018	9.708	ppbv	100
17) tert-Butyl alcohol	4.29	59	1256549	10.973	ppbv	99
18) 1,1-Dichloroethene	4.29	96	605413	9.583	ppbv	92
19) Isopropyl Alcohol	3.97	45	749963	10.364	ppbv #	97
20) Methylene Chloride	4.35	84	528644	8.583	ppbv	95
21) Allyl Chloride	4.41	41	1012333	9.654	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	620647	10.596	ppbv	95
23) Vinyl Acetate	5.08	43	2333385	10.370	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1393899	8.499	ppbv	99
25) Ethyl Acetate	5.69	43	3343829	10.692	ppbv	99
26) Hexane	5.69	57	1553529	10.705	ppbv	99
27) Carbon Disulfide	4.56	76	1508529	10.552	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1636968	9.564	ppbv	98
29) Chloroform	5.76	83	2472550	10.653	ppbv	100
30) Cyclohexane	7.14	84	1320991	11.223	ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	1520672	10.833	ppbv	96
32) 1,1,1-Trichloroethane	6.52	97	2458552	10.511	ppbv	99
34) 2-Butanone	5.25	43	1649828	9.823	ppbv	98
35) Carbon Tetrachloride	7.03	117	2599848	9.838	ppbv	98
36) Benzene	6.90	78	3287735	10.361	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1876757	10.049	ppbv	99
38) Trichloroethene	7.84	130	1187381	9.615	ppbv	98
39) 1,2-Dichloropropane	7.62	63	1268907	9.858	ppbv	97
40) 1,4-Dioxane	7.84	88	321716	10.738	ppbv	80
41) Tetrahydrofuran	6.06	42	796024	10.279	ppbv	96
42) Bromodichloromethane	7.80	83	2653853	10.446	ppbv	98
43) Methyl Methacrylate	8.02	69	1182301	11.095	ppbv	96

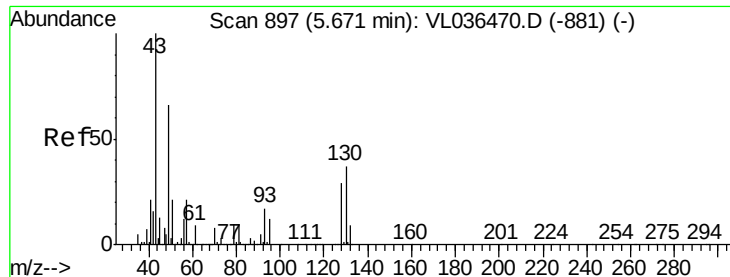
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
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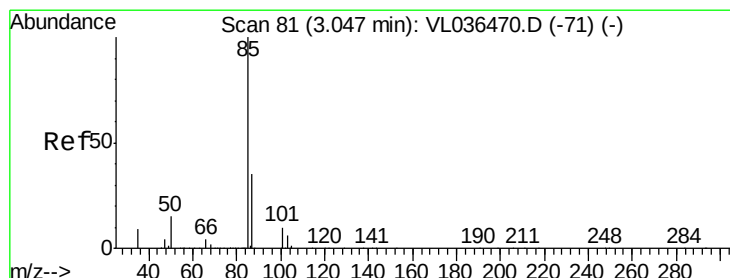
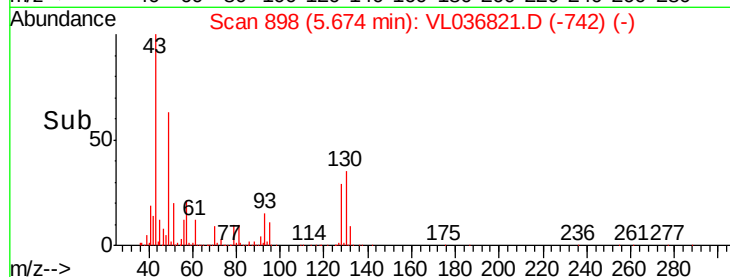
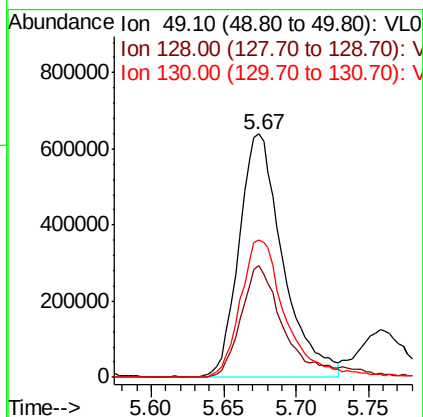
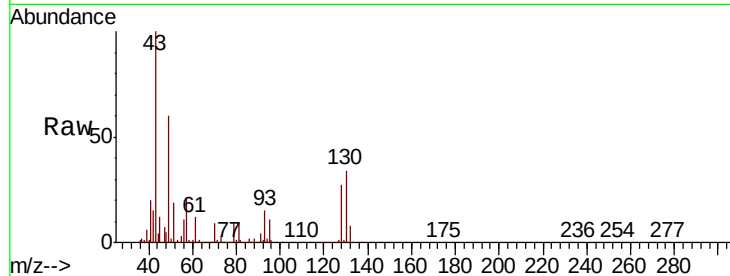
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5469003	9.792	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1419009	11.662	ppbv	97
46) cis-1,3-Dichloropropene	8.71	75	1754036	11.278	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	1321925	10.139	ppbv	96
48) Dibromochloromethane	10.31	129	2197240	11.055	ppbv	99
49) Bromoform	13.06	173	1773978	11.077	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2537762	10.443	ppbv	99
51) 2-Hexanone	10.15	43	1353409	11.036	ppbv #	98
52) Tetrachloroethene	11.23	164	1097424	9.392	ppbv	94
53) Toluene	9.82	91	3670059	10.860	ppbv	100
54) 1,2-Dibromoethane	10.62	107	1898348	10.310	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.14	131	1469214	8.192	ppbv	100
57) Chlorobenzene	12.16	112	2703782	8.013	ppbv	99
58) Ethyl Benzene	12.73	91	4913973	8.518	ppbv	99
59) m/p-Xylene	13.01	91	4273566	8.493	ppbv #	35
60) o-Xylene	13.71	91	3892500	8.000	ppbv	99
61) Styrene	13.54	104	2286130	9.340	ppbv	99
62) Isopropylbenzene	14.68	105	5260571	8.029	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2837780	7.646	ppbv	100
64) n-propylbenzene	15.57	120	1380712	8.619	ppbv	98
65) tert-Butylbenzene	16.76	119	4593621	8.085	ppbv	100
66) Benzyl Chloride	17.00	91	639485	10.183	ppbv	99
67) sec-Butylbenzene	17.31	105	6464591	8.061	ppbv	100
69) p-Isopropyltoluene	17.67	119	5375068	8.583	ppbv	99
70) n-Butylbenzene	18.57	91	5548959	8.545	ppbv	99
71) 2-Chlorotoluene	15.46	91	4100632	8.352	ppbv	100
72) 4-Ethyltoluene	15.85	105	4546642	8.528	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	4190330	8.421	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	4294324	8.064	ppbv	93
75) 1,3-Dichlorobenzene	17.01	146	2515809	8.394	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2436162	8.186	ppbv	100
77) 1,2-Dichlorobenzene	17.83	146	2405596	8.538	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	1800313	7.135	ppbv	99
79) Naphthalene	22.21	128	2888890	9.297	ppbv	100
80) Naphthalene, 2-methyl-	24.99	142	556923	9.089	ppbv	97
81) 1,2,4-Trichlorobenzene	21.95	180	1705668	8.891	ppbv	99

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



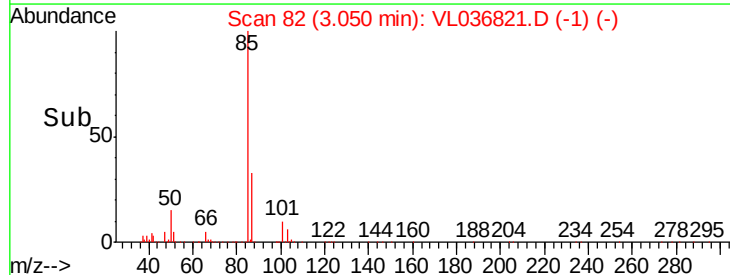
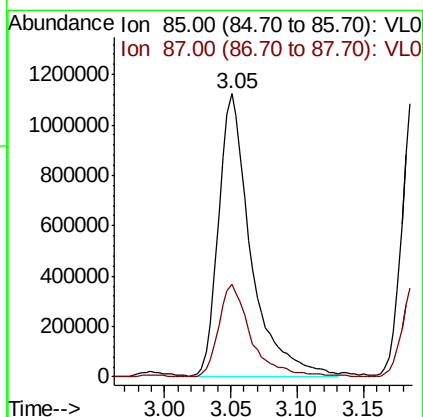
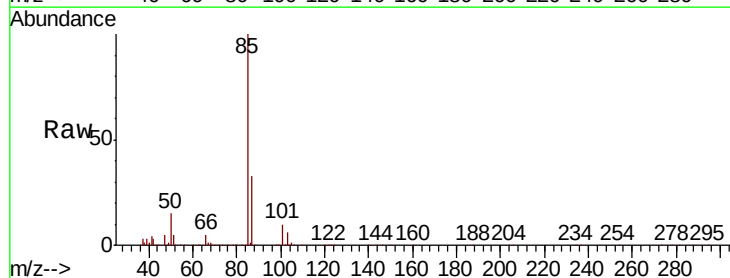
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 14:05

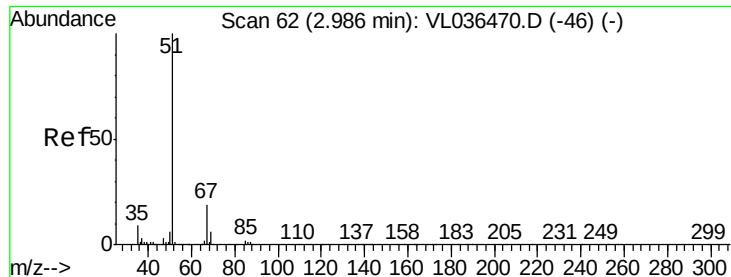
Tot Ion: 49 Resp: 1336498
 Ion Ratio Lower Upper
 49 100
 128 47.6 23.5 70.6
 130 59.9 29.1 87.4



#2
 Dichlorodifluoromethane
 Concen: 8.668 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion: 85 Resp: 1889482
 Ion Ratio Lower Upper
 85 100
 87 32.7 27.8 41.8





#3

Chlorodifluoromethane

Concen: 10.220 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

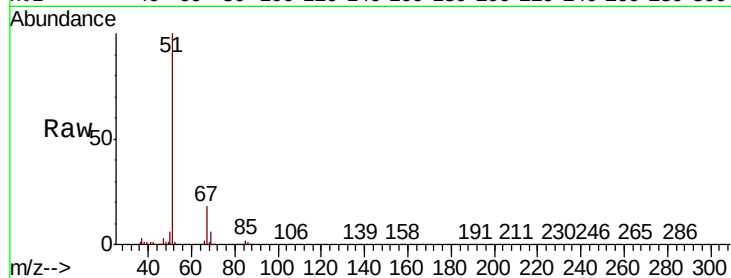
Acq: 20 Apr 2021 14:05

Tot Ion: 51 Resp: 2552073

Ion Ratio Lower Upper

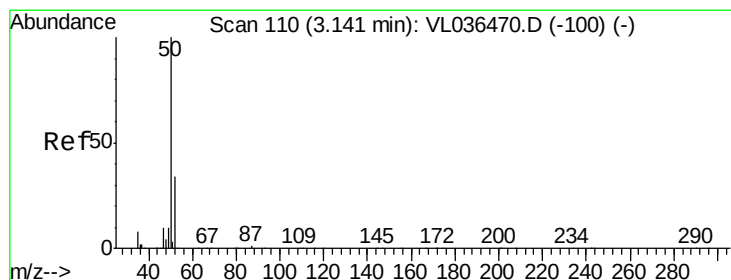
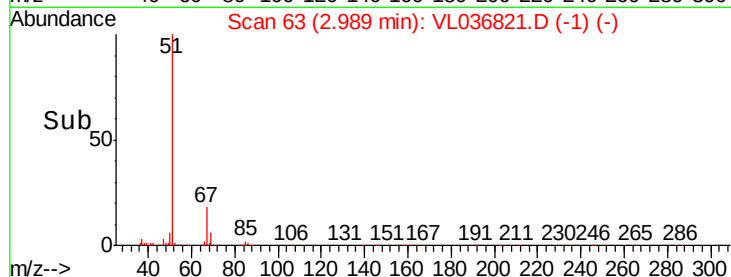
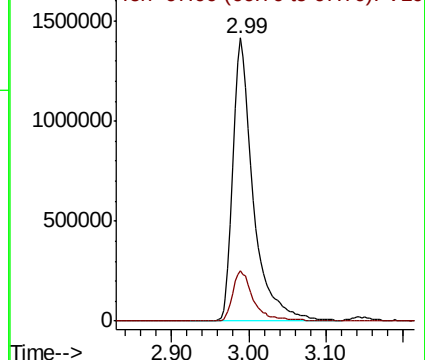
51 100

67 18.3 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.768 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL036821.D

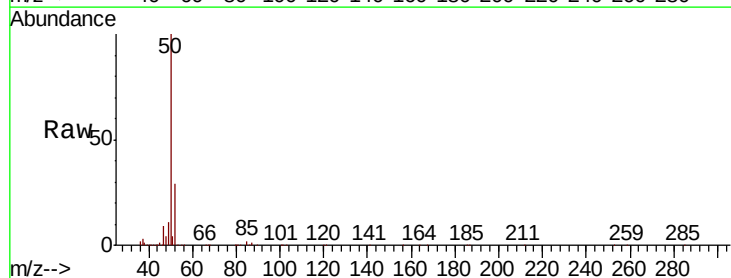
Acq: 20 Apr 2021 14:05

Tgt Ion: 50 Resp: 861582

Ion Ratio Lower Upper

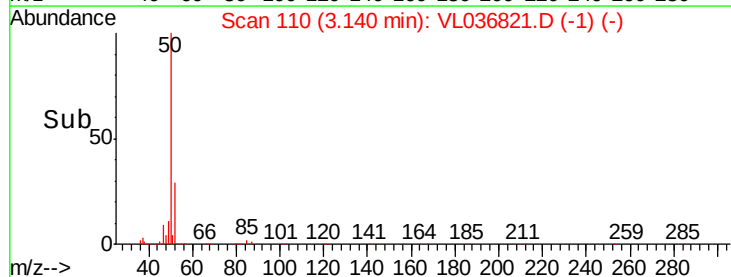
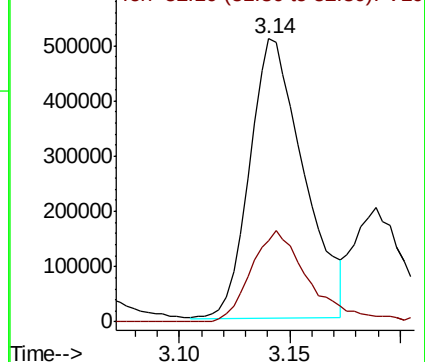
50 100

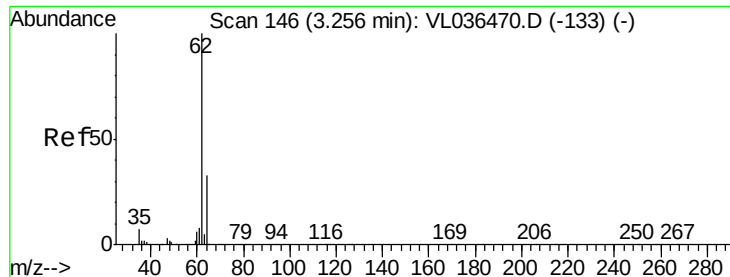
52 29.0 27.0 40.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.527 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

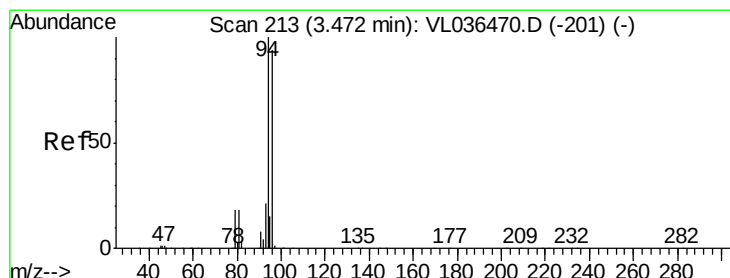
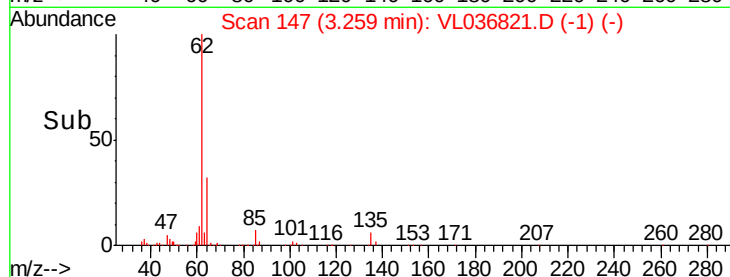
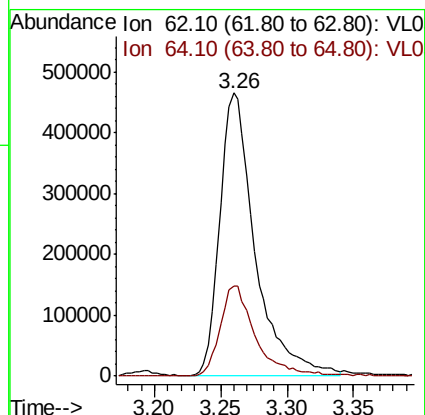
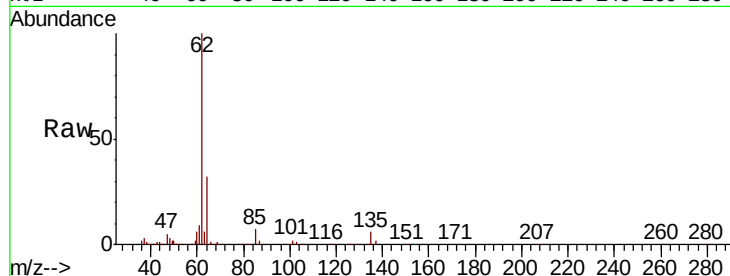
Acq: 20 Apr 2021 14:05

Tot Ion: 62 Resp: 864007

Ion Ratio Lower Upper

62 100

64 31.7 26.4 39.6



#6

Bromomethane

Concen: 9.644 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL036821.D

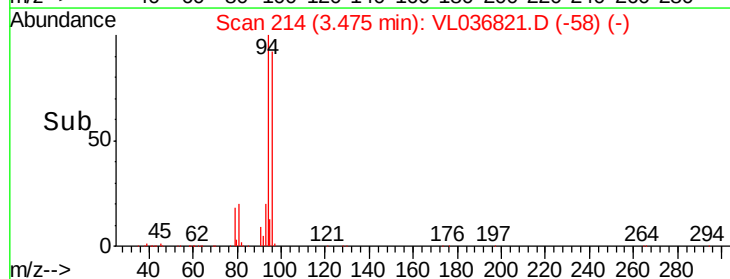
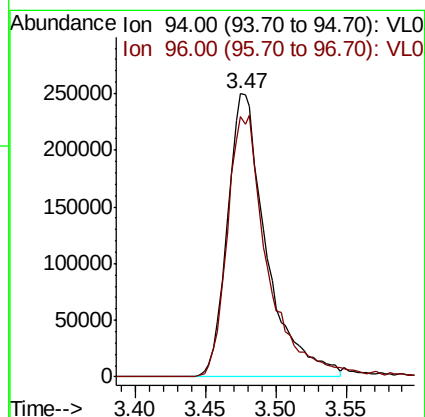
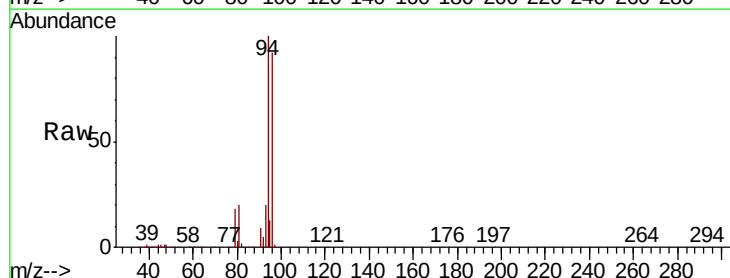
Acq: 20 Apr 2021 14:05

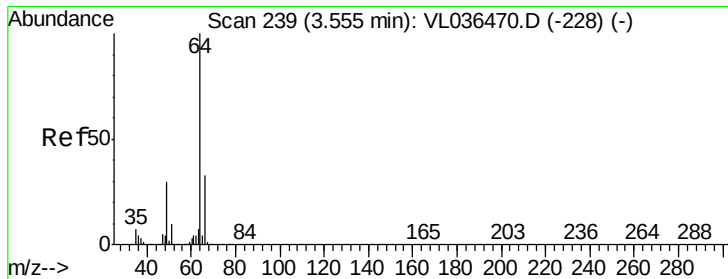
Tgt Ion: 94 Resp: 481550

Ion Ratio Lower Upper

94 100

96 92.2 74.9 112.3





#7

Chloroethane

Concen: 9.333 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

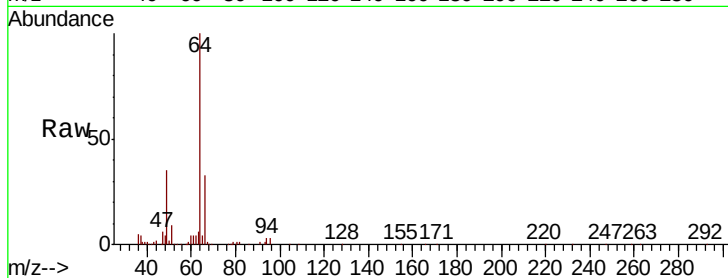
Acq: 20 Apr 2021 14:05

Tot Ion: 64 Resp: 290836

Ion Ratio Lower Upper

64 100

66 33.1 26.2 39.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

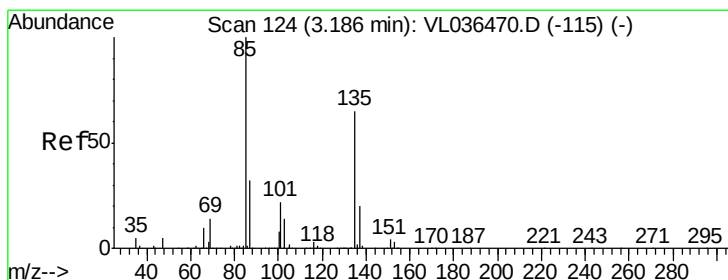
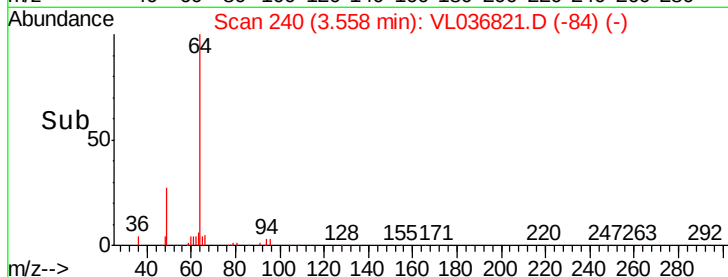
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.536 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036821.D

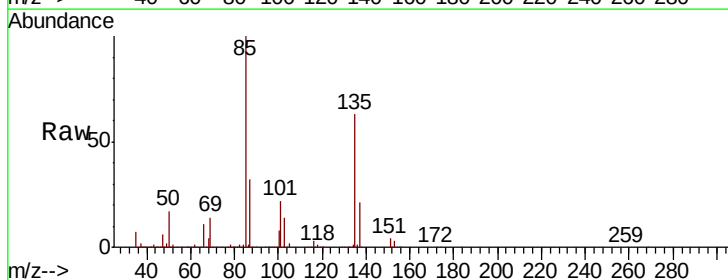
Acq: 20 Apr 2021 14:05

Tgt Ion: 85 Resp: 1983950

Ion Ratio Lower Upper

85 100

135 70.7 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

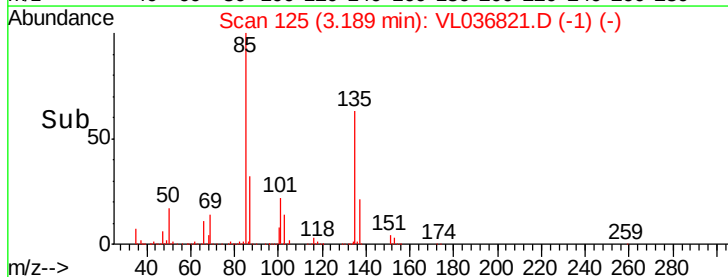
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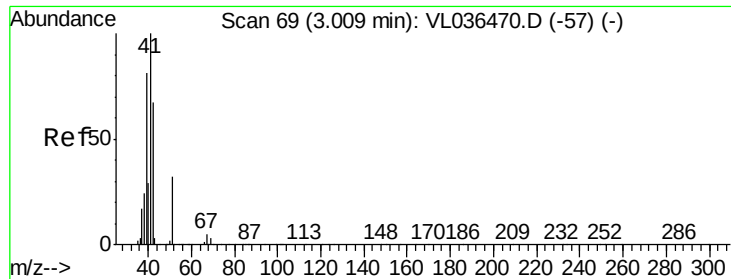
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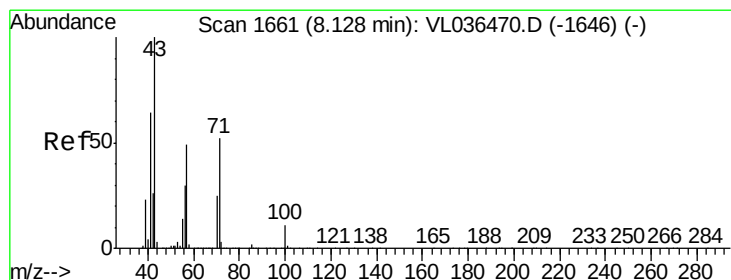
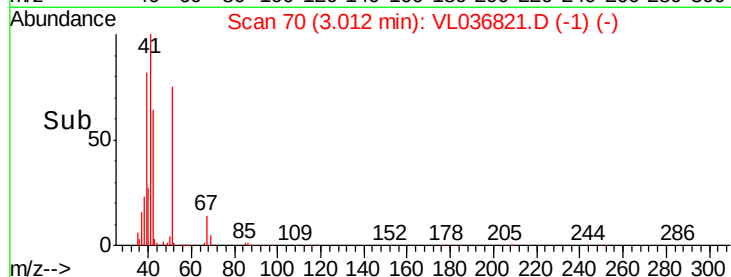
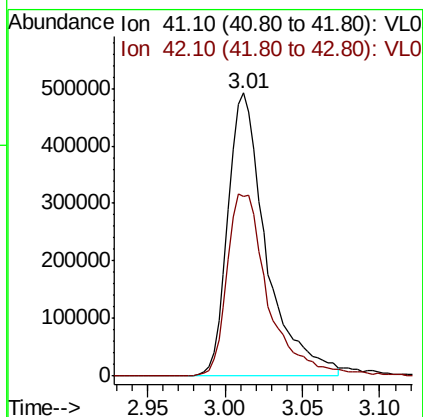
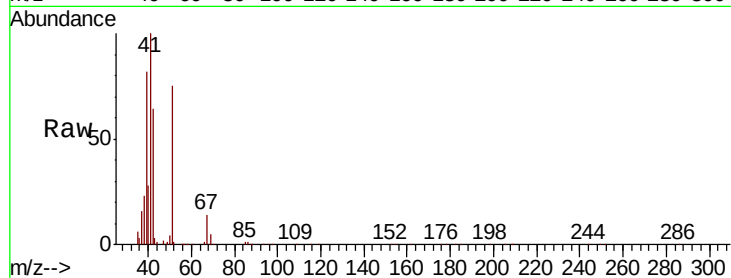
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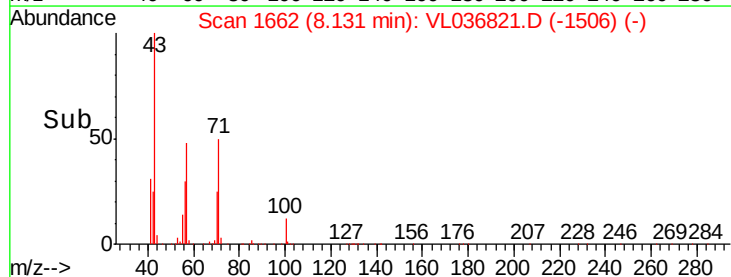
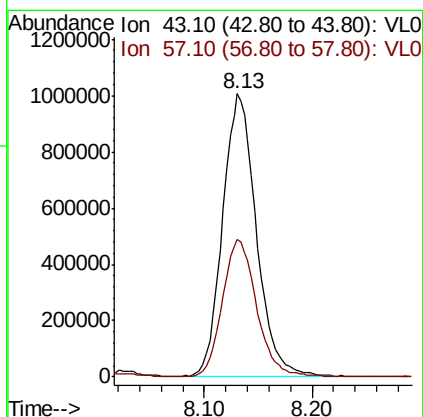
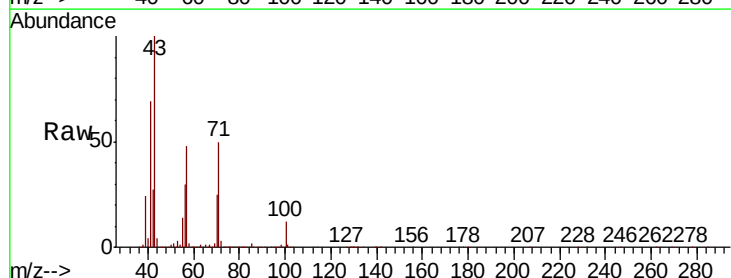
#9
 Propene
 Concen: 10.628 ppbv
 RT: 3.01
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 14:05

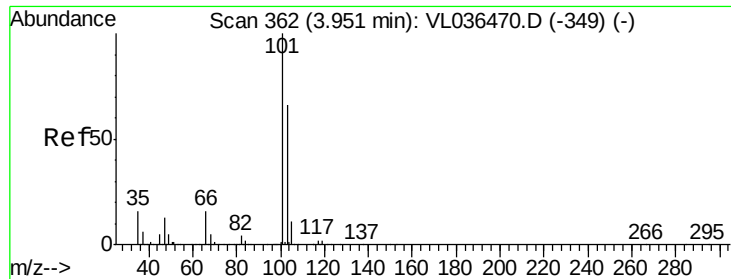
Tot Ion: 41 Resp: 846031
 Ion Ratio Lower Upper
 41 100
 42 70.4 57.0 85.4



#10
 Heptane
 Concen: 10.710 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T.: 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

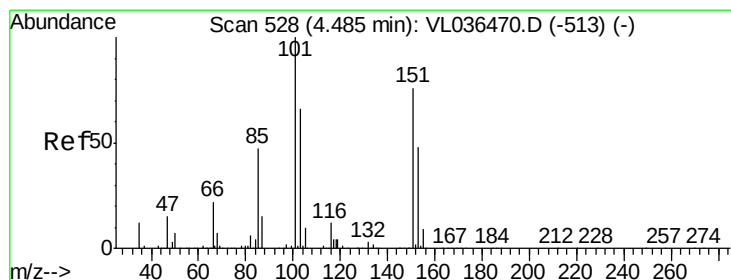
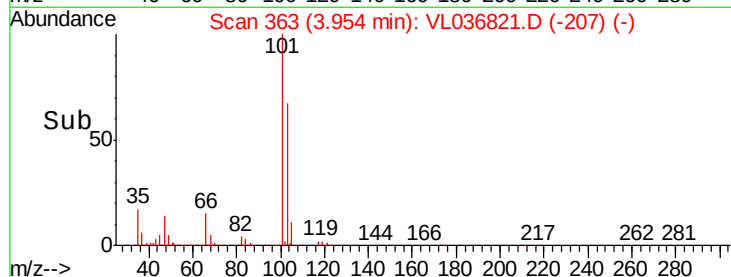
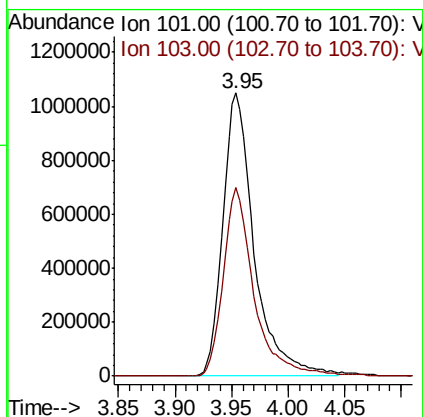
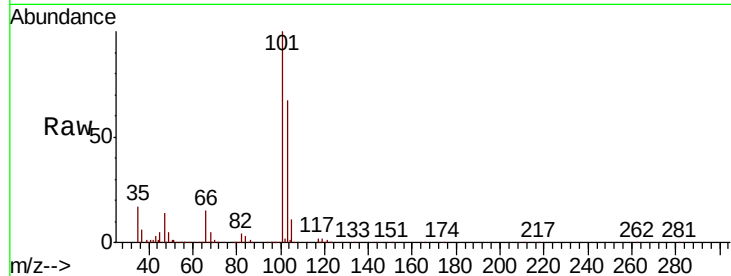
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 Ion Ratio Lower Upper
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 57 49.6 39.0 58.6





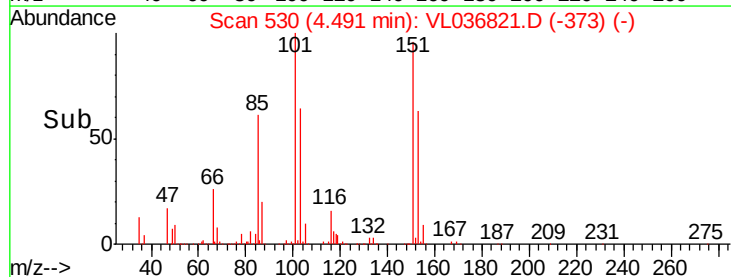
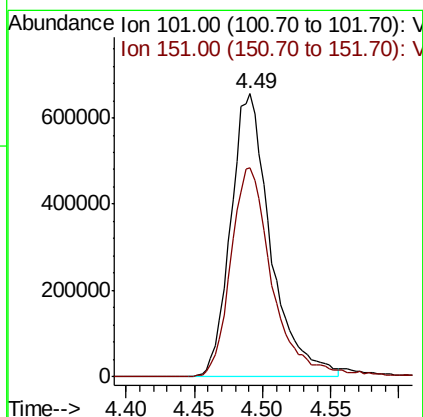
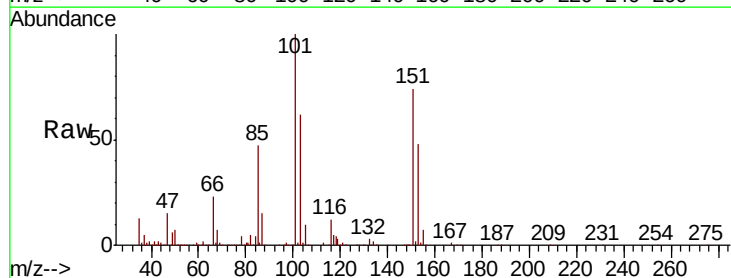
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 Trichlorofluoromethane
 Concen: 9.122 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 14:05

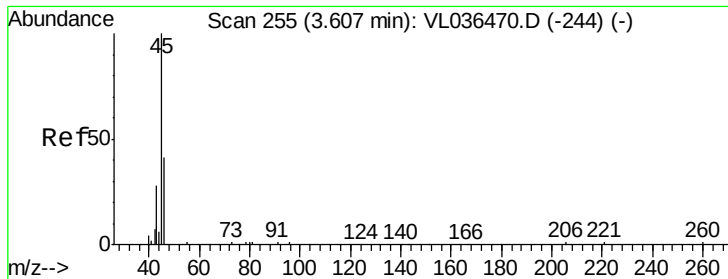
Tot Ion:101 Resp: 2026411
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.378 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T.: 0.01 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

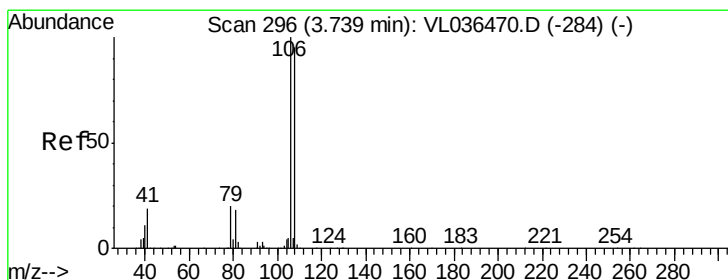
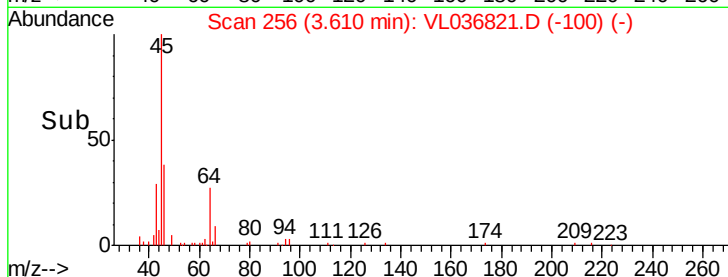
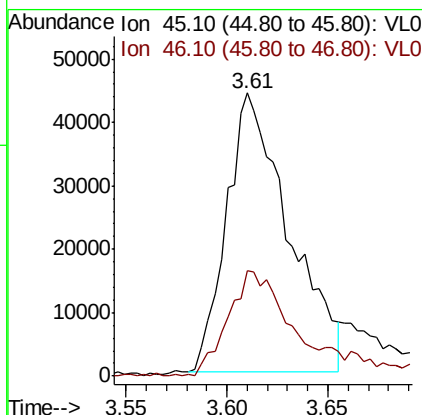
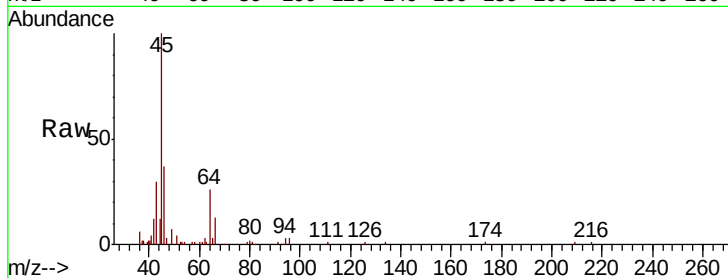
Tgt Ion:101 Resp: 1331976
 Ion Ratio Lower Upper
 101 100
 151 77.4 60.9 91.3





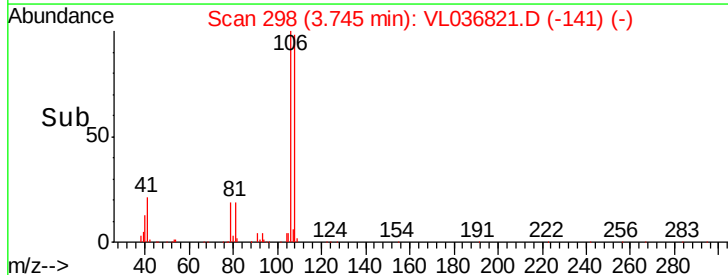
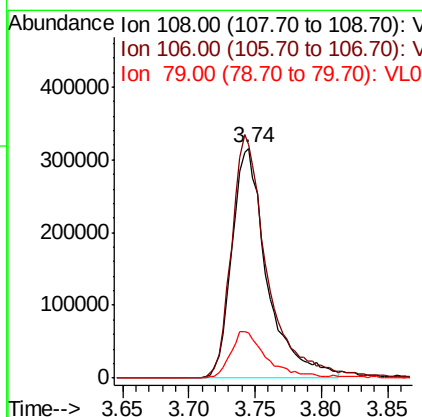
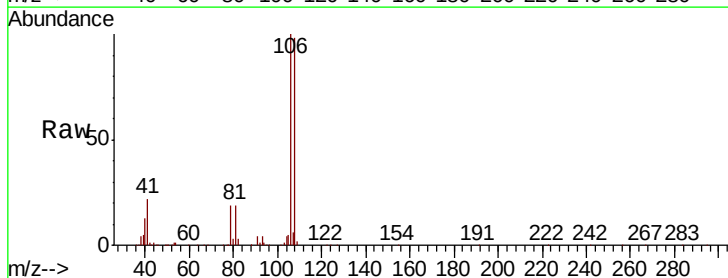
#13
Ethanol
Concen: 9.995 ppbv
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 14:05

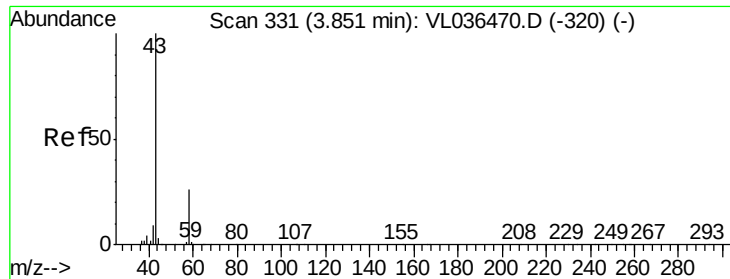
Tot Ion: 45 Resp: 94751
Ion Ratio Lower Upper
45 100
46 45.6 16.6 66.2



#14
Bromoethene
Concen: 9.871 ppbv
RT: 3.74 min Scan# 298
Delta R.T.: 0.01 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 108 Resp: 582847
Ion Ratio Lower Upper
108 100
106 109.3 89.0 133.6
79 21.9 16.6 25.0





#15

Acetone

Concen: 9.077 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

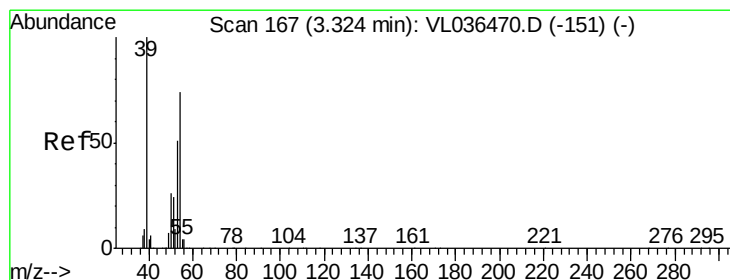
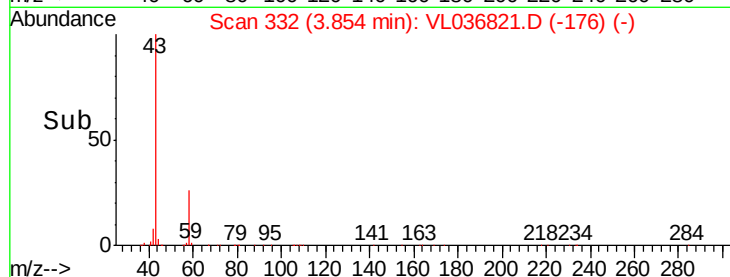
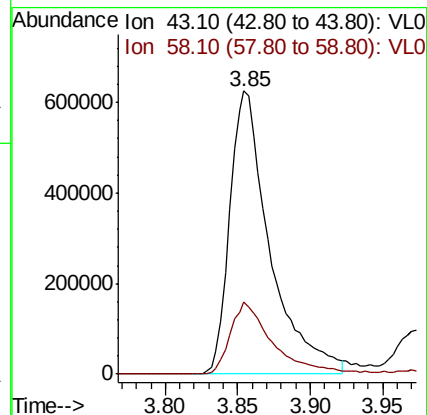
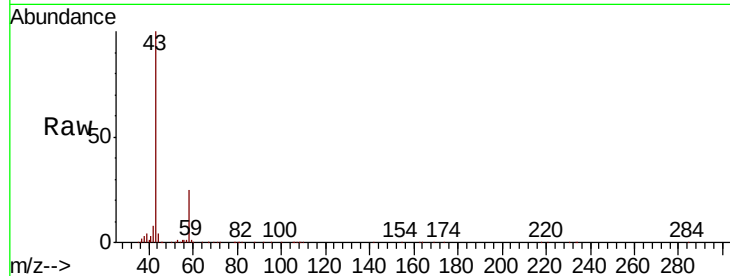
Acq: 20 Apr 2021 14:05

Tot Ion: 43 Resp: 1194002

Ion Ratio Lower Upper

43 100

58 26.9 21.2 31.8



#16

1,3-Butadiene

Concen: 9.708 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.01 min

Lab File: VL036821.D

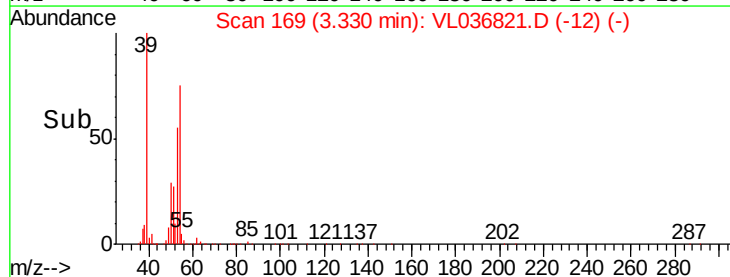
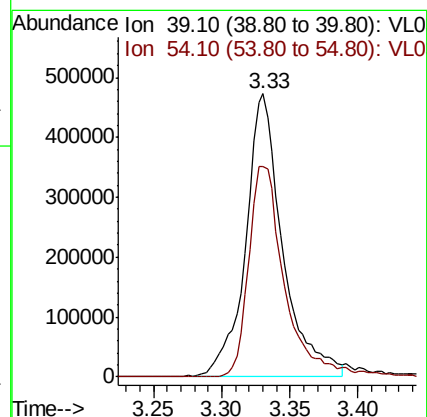
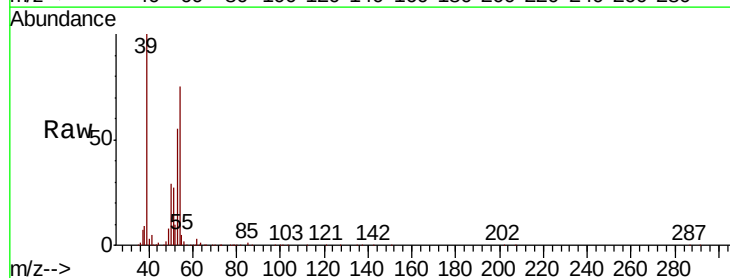
Acq: 20 Apr 2021 14:05

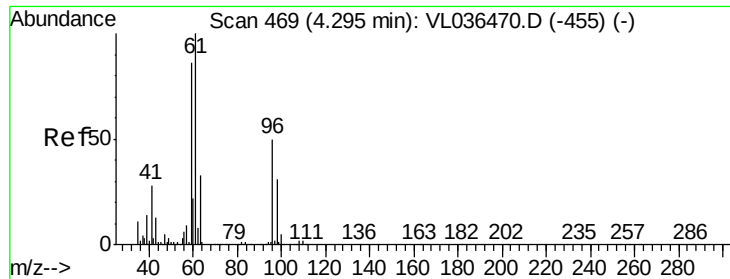
Tgt Ion: 39 Resp: 889018

Ion Ratio Lower Upper

39 100

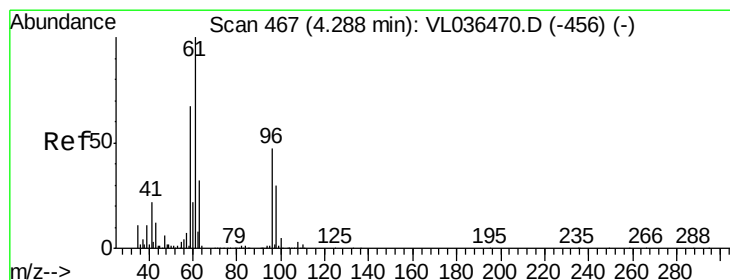
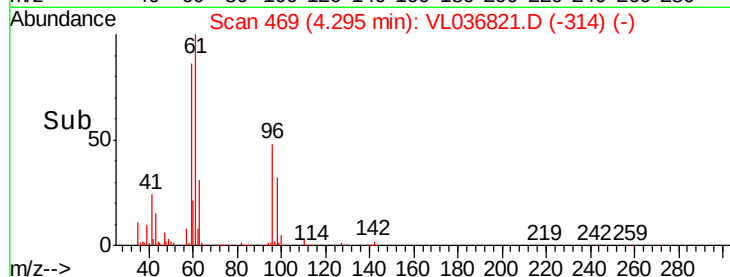
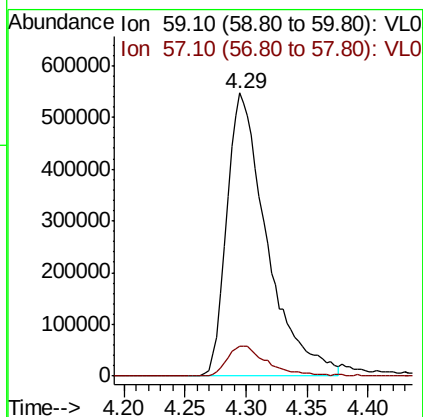
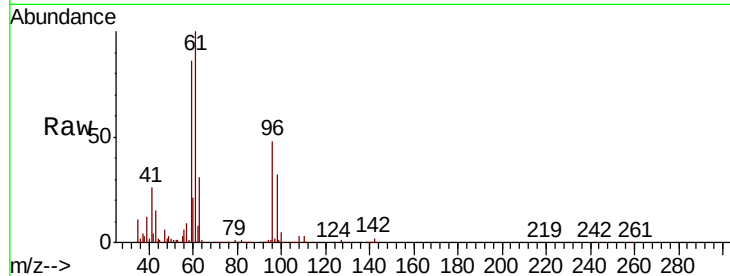
54 73.7 58.8 88.2





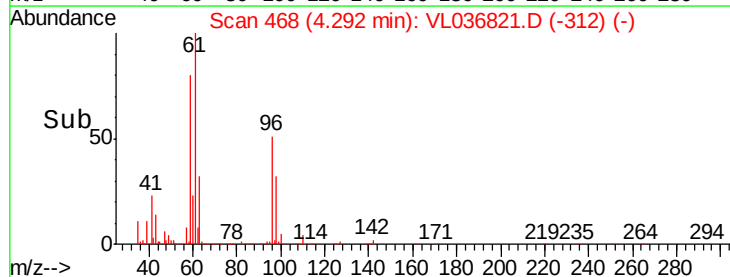
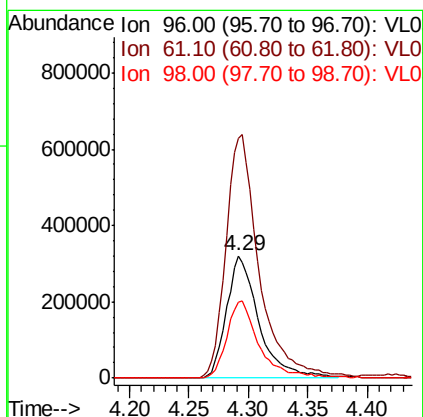
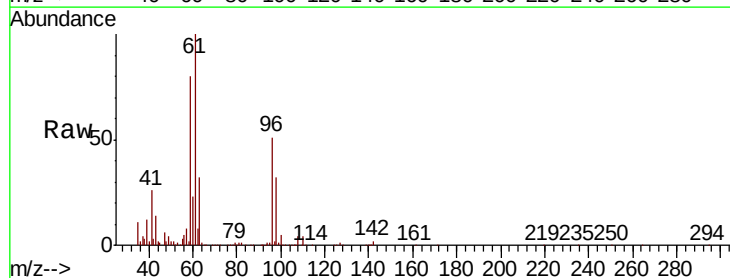
#17
 tert-Butyl alcohol
 Concen: 10.973 ppbv
 RT: 4.29 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 14:05

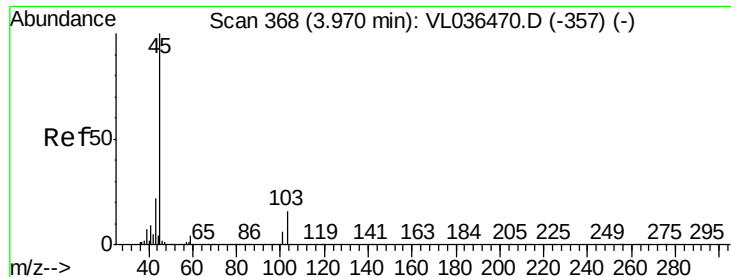
Tot Ion: 59 Resp: 1256549
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.6 12.8



#18
 1,1-Dichloroethene
 Concen: 9.583 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T.: 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion: 96 Resp: 605413
 Ion Ratio Lower Upper
 96 100
 61 196.2 168.6 253.0
 98 62.0 50.8 76.2





#19

Isopropyl Alcohol

Concen: 10.364 ppbv

RT: 3.97 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

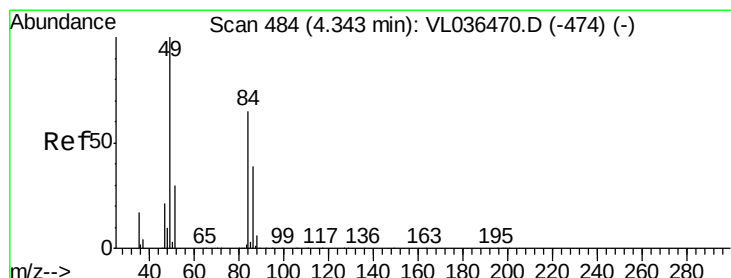
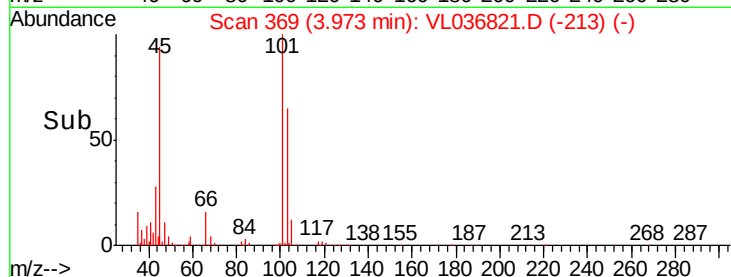
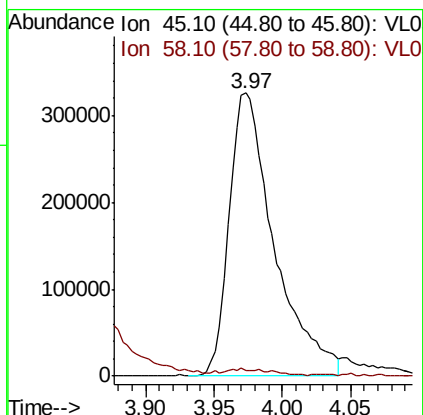
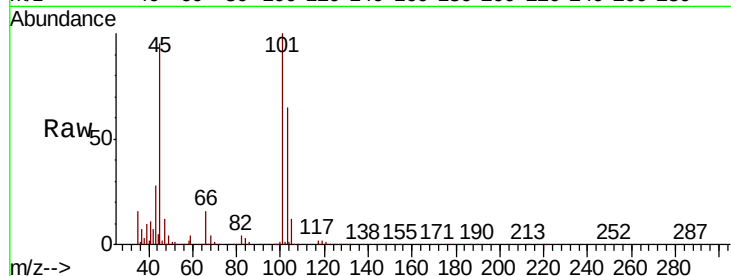
Acq: 20 Apr 2021 14:05

Tot Ion: 45 Resp: 749963

Ion Ratio Lower Upper

45 100

58 2.6 2.9 4.3#



#20

Methylene Chloride

Concen: 8.583 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

Tgt Ion: 84 Resp: 528644

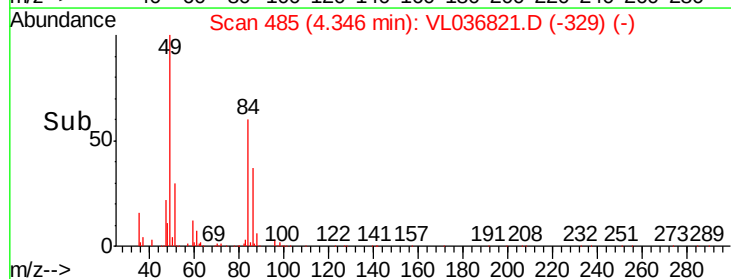
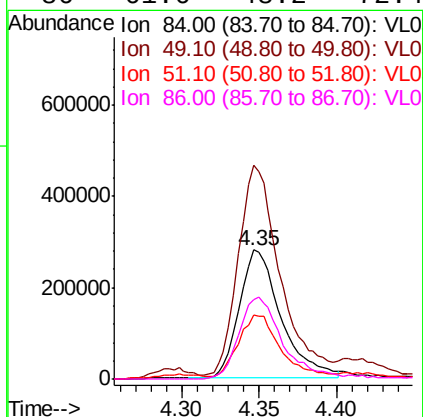
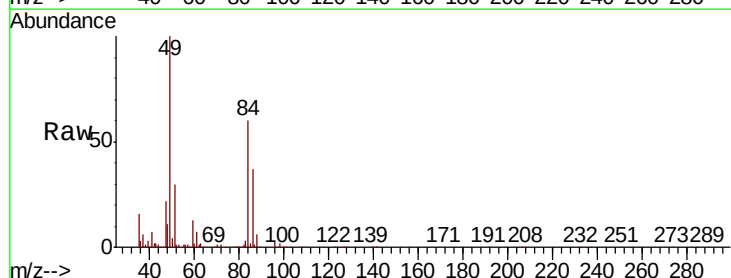
Ion Ratio Lower Upper

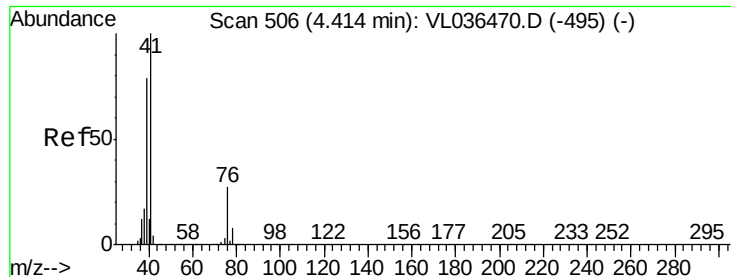
84 100

49 162.0 122.9 184.3

51 47.5 36.9 55.3

86 61.6 48.2 72.4

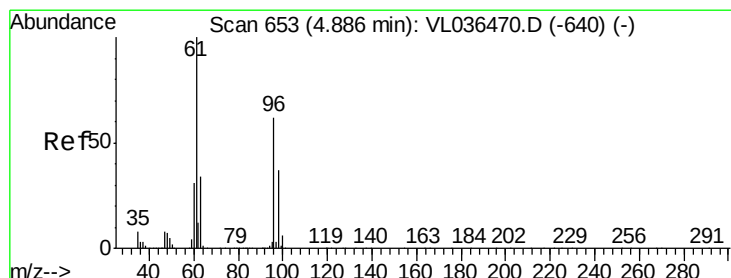
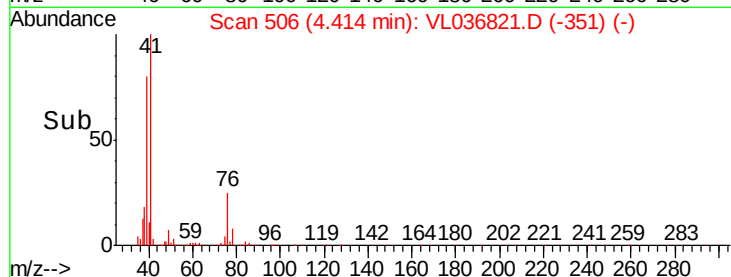
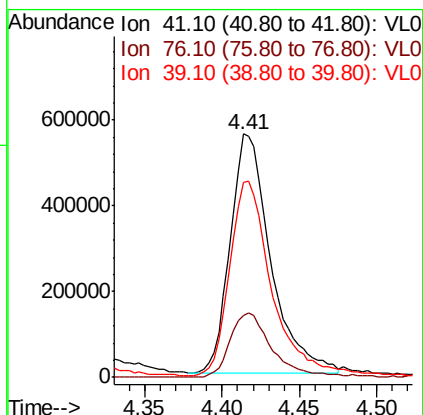
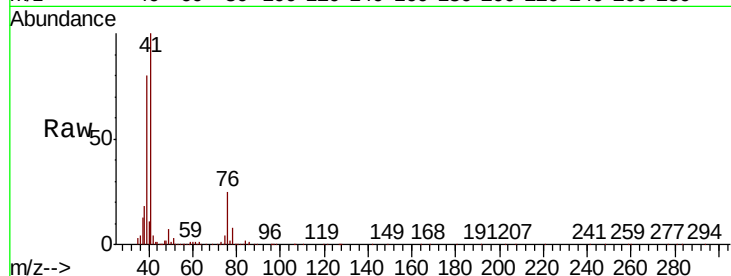




#21
 Allvl Chloride
 Concen: 9.654 ppbv
 RT: 4.41 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 14:05

Tot Ion: 41 Resp: 1012333

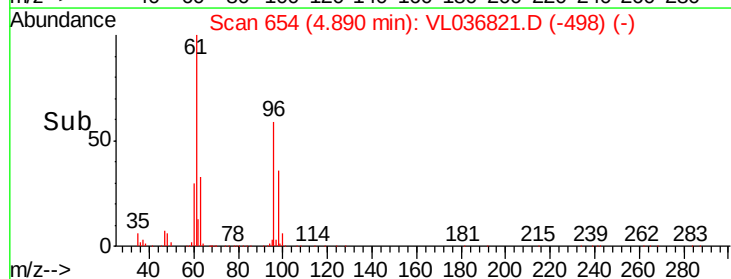
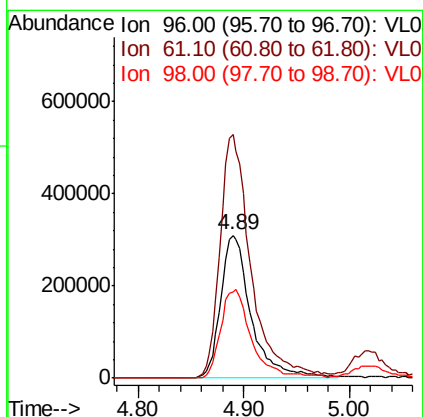
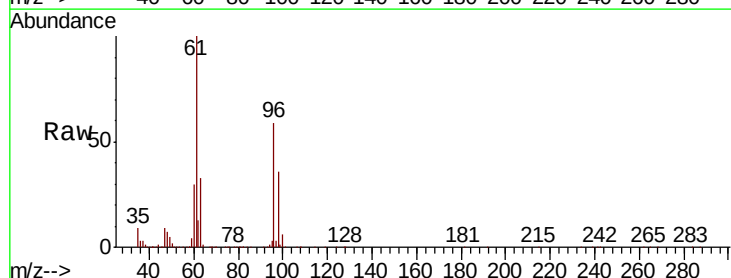
Ion	Ratio	Lower	Upper
41	100		
76	28.2	22.9	34.3
39	85.3	67.3	100.9

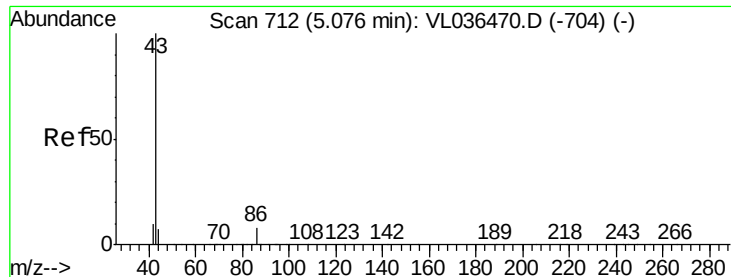


#22
 trans-1,2-Dichloroethene
 Concen: 10.596 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion: 96 Resp: 620647

Ion	Ratio	Lower	Upper
96	100		
61	170.0	129.4	194.0
98	60.5	48.2	72.4





#23

Vinyl Acetate

Concen: 10.370 ppbv

RT: 5.08 Instrument:

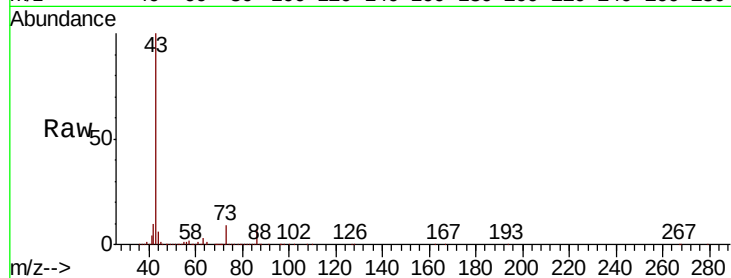
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

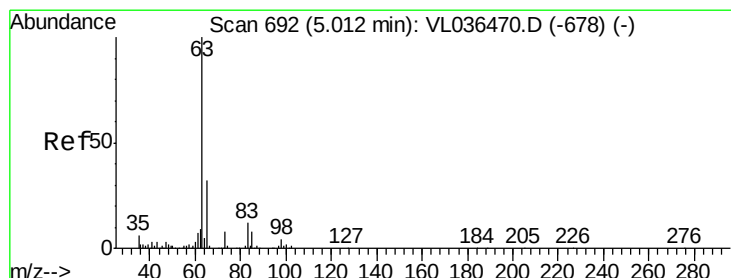
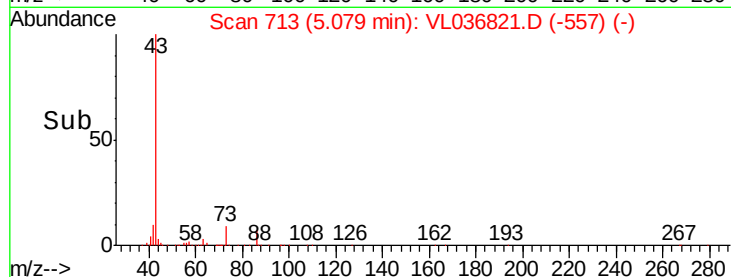
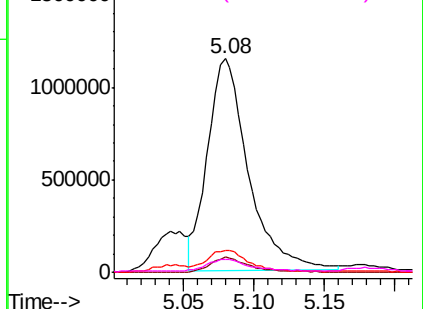
Acq: 20 Apr 2021 14:05

Tot Ion: 43 Resp: 2333385

Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.4	8.0
42	10.1	8.5	12.7
44	5.5	4.6	7.0



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: 8.499 ppbv

RT: 5.02 min Scan# 694

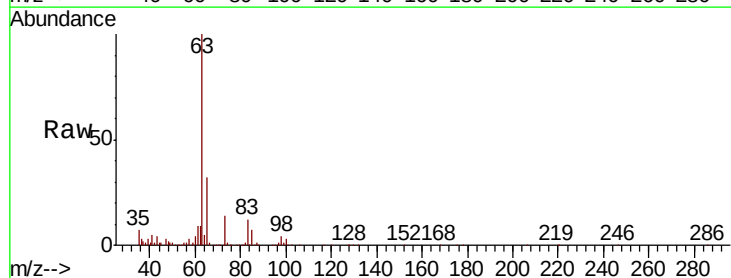
Delta R.T. 0.01 min

Lab File: VL036821.D

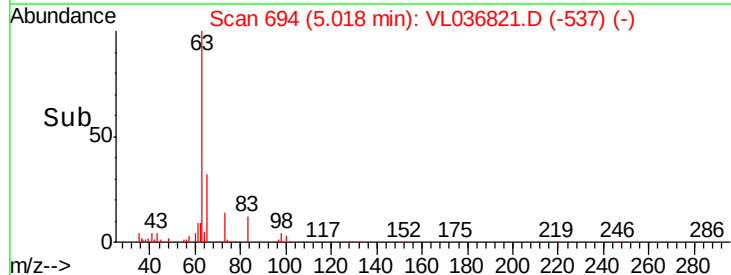
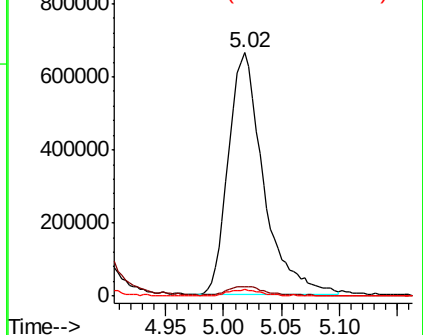
Acq: 20 Apr 2021 14:05

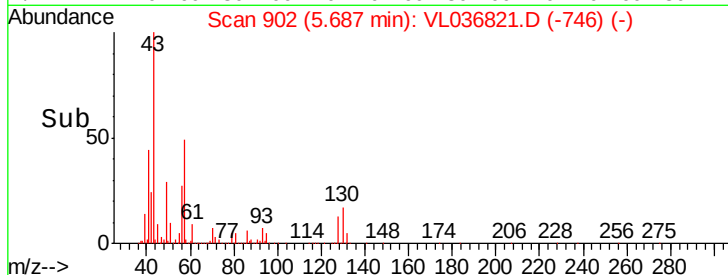
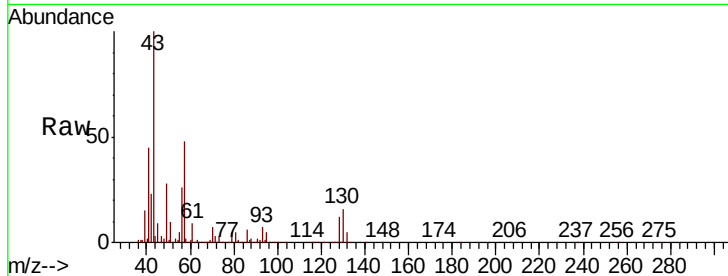
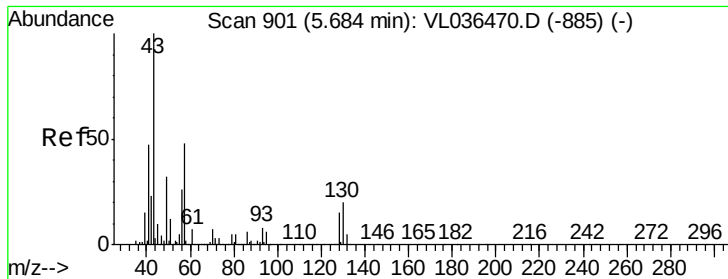
Tgt Ion: 63 Resp: 1393899

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.2
100	2.4	0.9	2.8



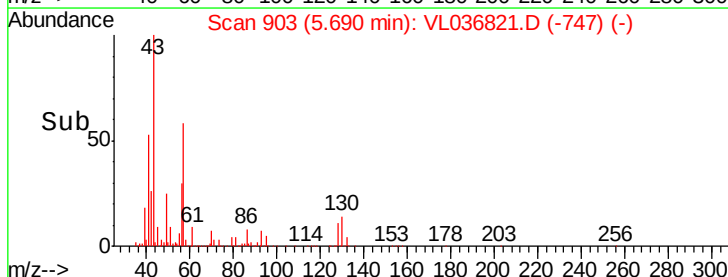
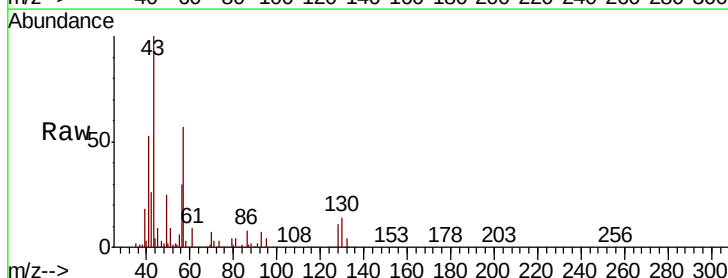
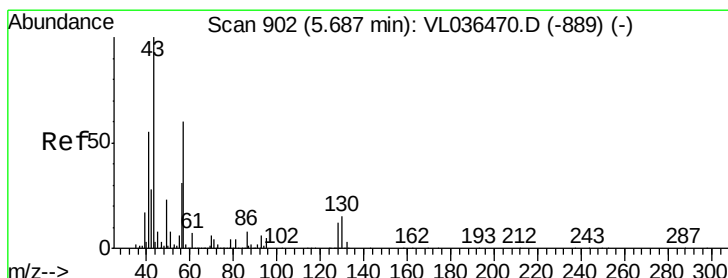
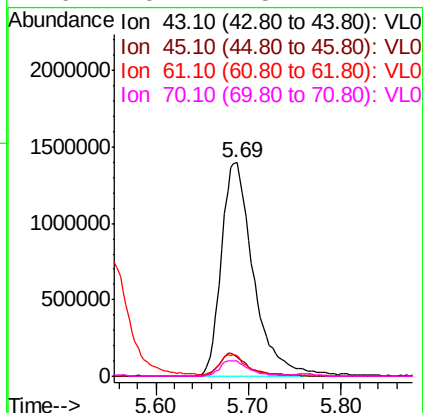
Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





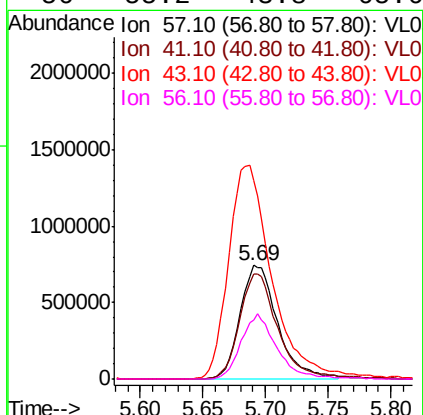
#25
Ethyl Acetate
Concen: 10.692 ppbv
RT: 5.69 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 14:05

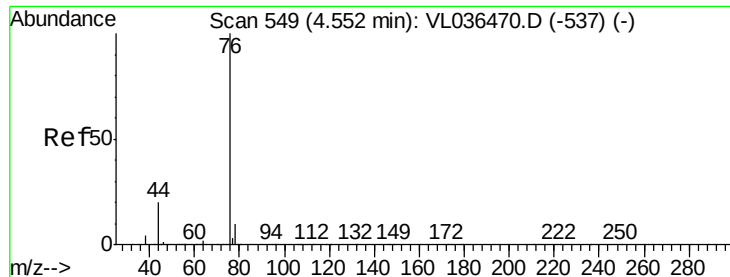
Tot Ion:	43	Resp:	3343829
Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.9	11.9
61	9.7	7.4	11.2
70	6.7	5.1	7.7



#26
Hexane
Concen: 10.705 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion:	57	Resp:	1553529
Ion	Ratio	Lower	Upper
57	100		
41	95.6	77.2	115.8
43	217.7	173.8	260.6
56	55.2	43.8	65.6





#27

Carbon Disulfide

Concen: 10.552 ppbv

RT: 4.56 Instrument:

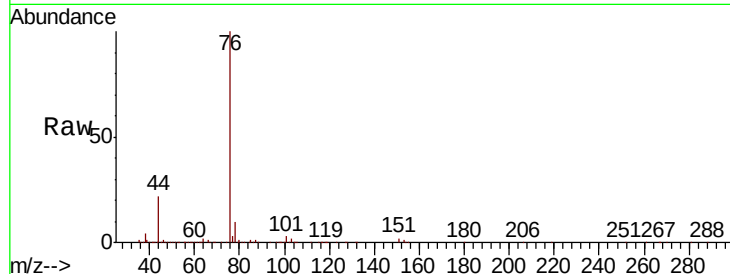
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

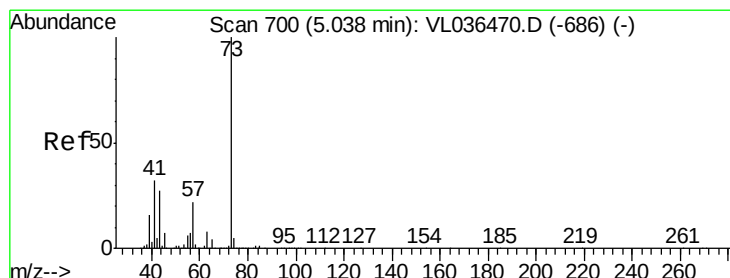
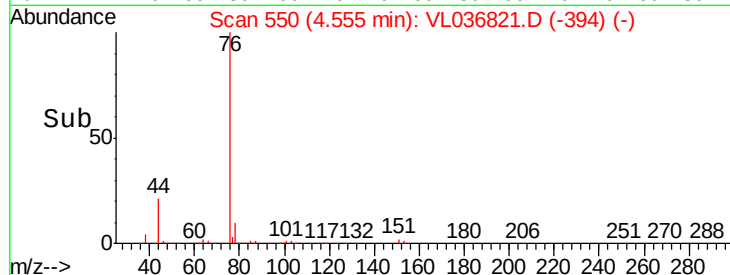
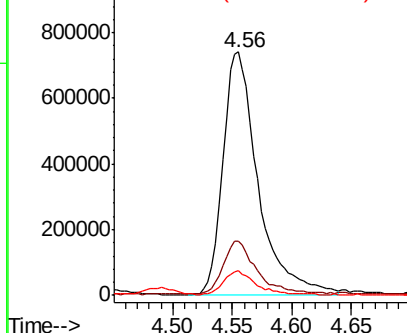
Acq: 20 Apr 2021 14:05

Tot Ion: 76 Resp: 1508529

Ion	Ratio	Lower	Upper
76	100		
44	21.5	17.5	26.3
78	10.1	8.6	13.0



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: 9.564 ppbv

RT: 5.04 min Scan# 701

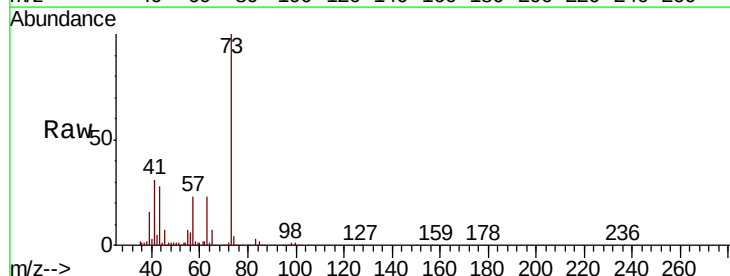
Delta R.T. 0.00 min

Lab File: VL036821.D

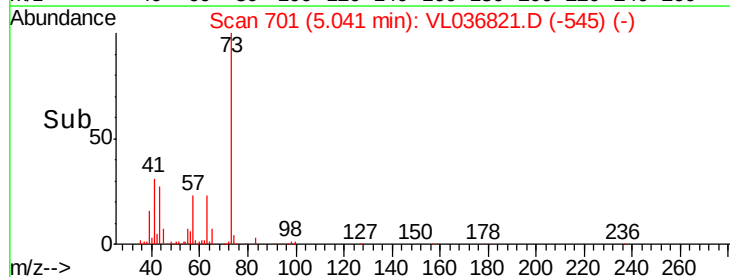
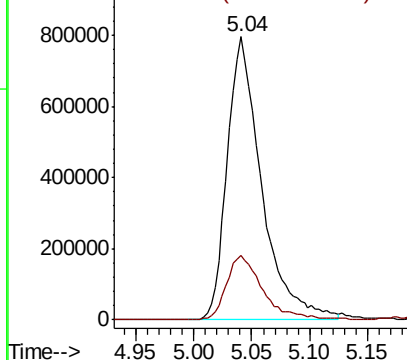
Acq: 20 Apr 2021 14:05

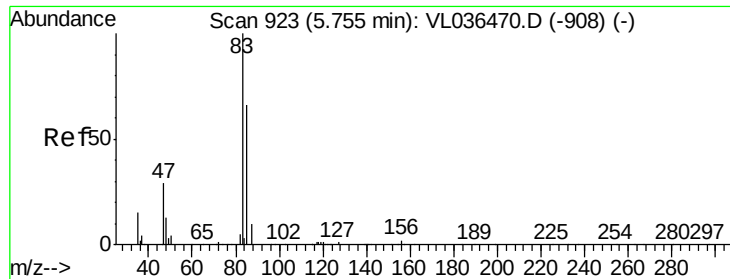
Tgt Ion: 73 Resp: 1636968

Ion	Ratio	Lower	Upper
73	100		
57	24.1	18.5	27.7



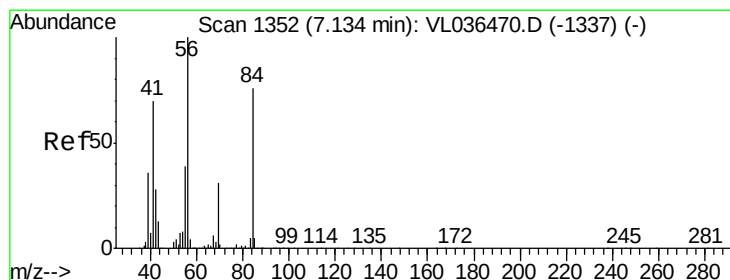
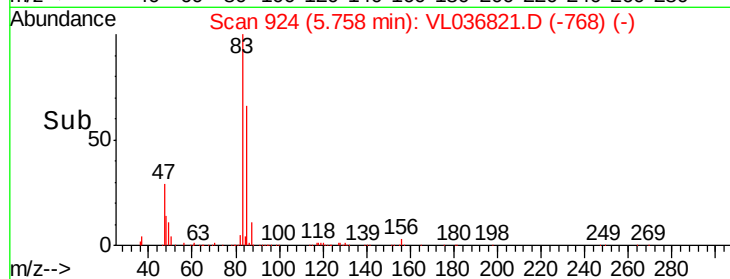
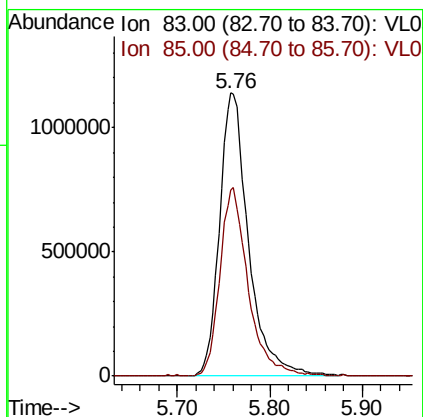
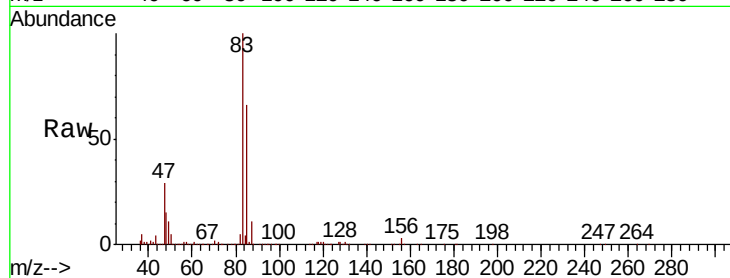
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





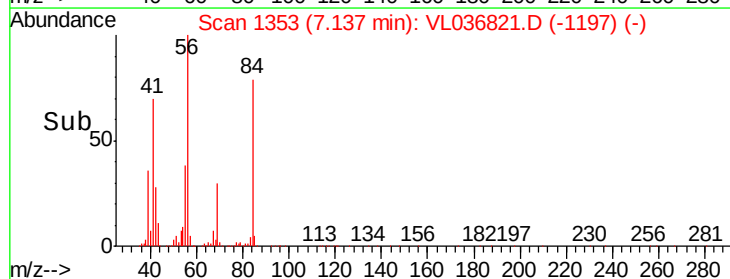
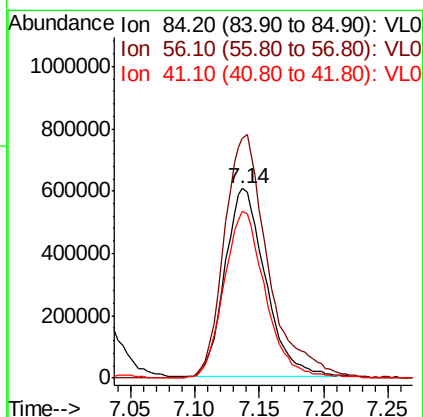
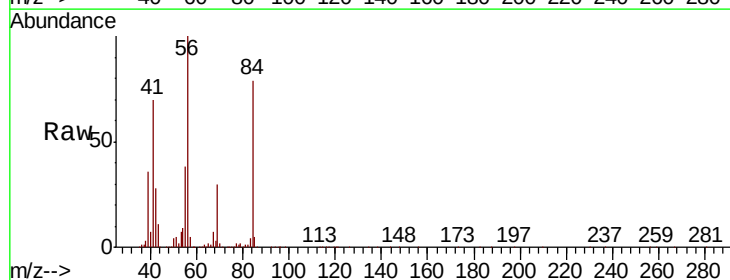
#29
Chloroform
Concen: 10.653 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 14:05

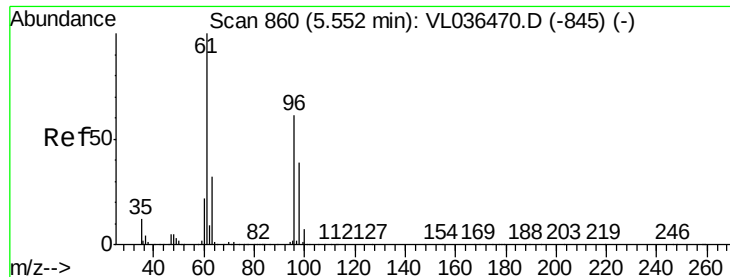
Tot Ion: 83 Resp: 2472550
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8



#30
Cyclohexane
Concen: 11.223 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 84 Resp: 1320991
Ion Ratio Lower Upper
84 100
56 140.7 114.6 171.8
41 90.8 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 10.833 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05

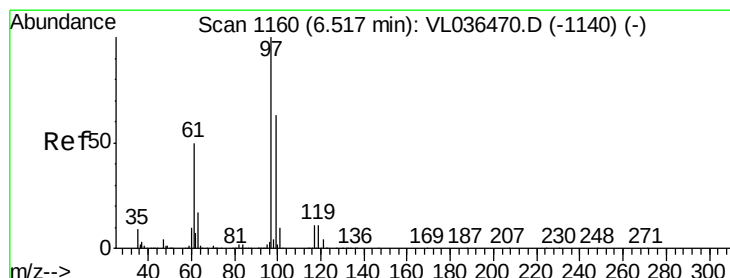
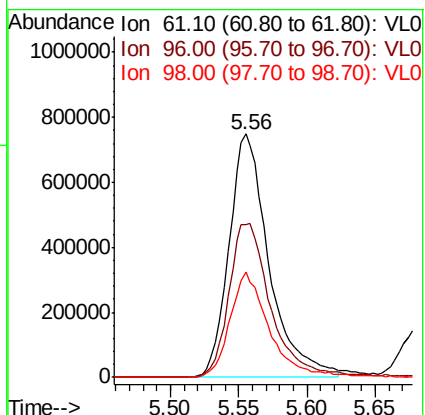
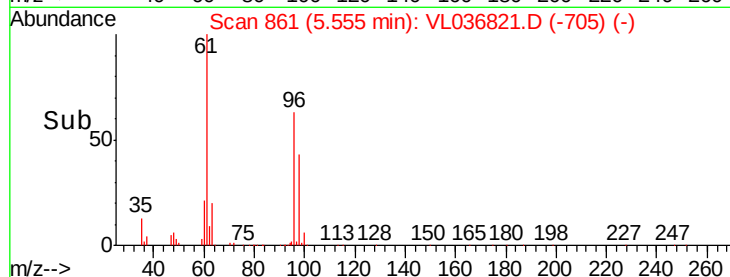
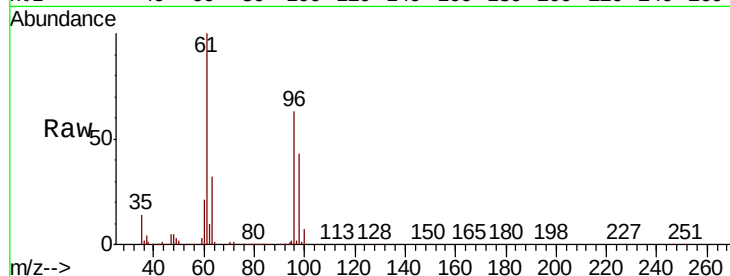
Tot Ion: 61 Resp: 1520672

Ion Ratio Lower Upper

61 100

96 62.6 48.7 73.1

98 43.3 31.4 47.0



#32

1,1,1-Trichloroethane

Concen: 10.511 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

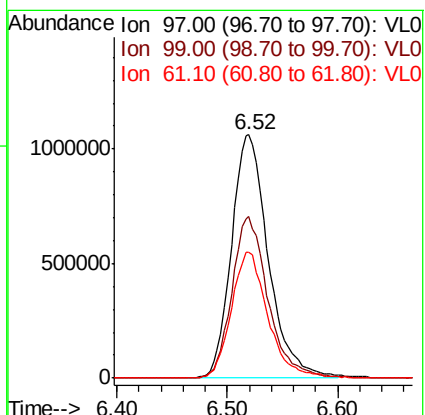
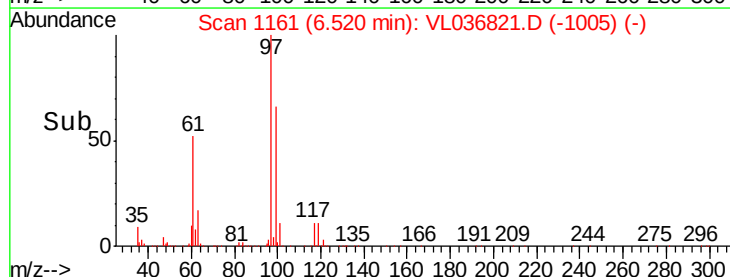
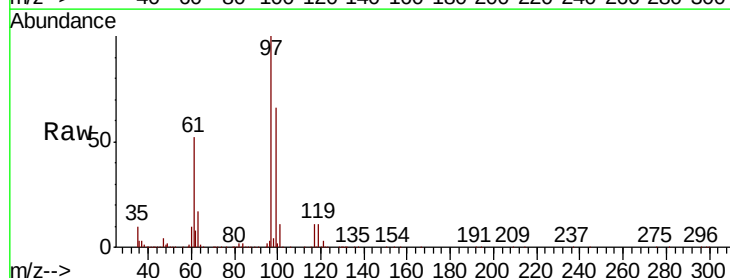
Tgt Ion: 97 Resp: 2458552

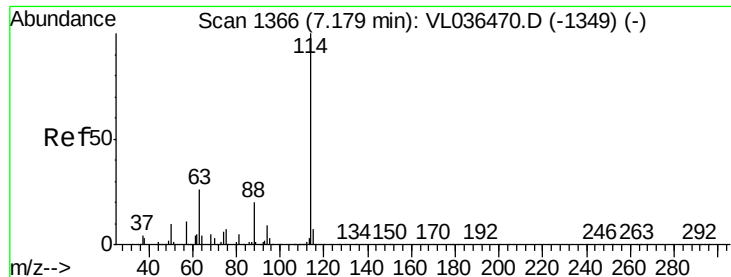
Ion Ratio Lower Upper

97 100

99 65.5 51.4 77.0

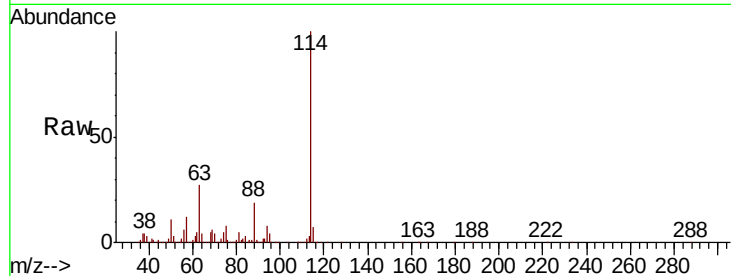
61 51.4 40.6 60.8



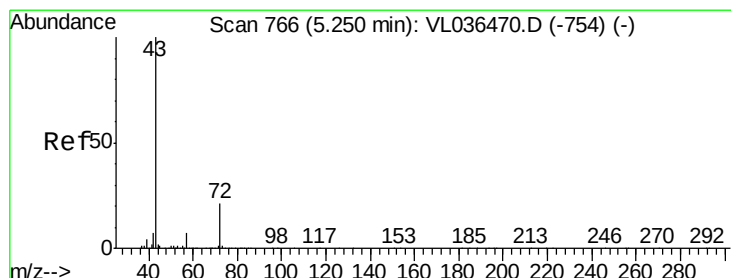
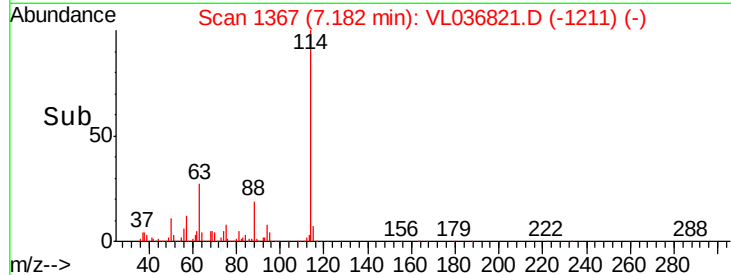
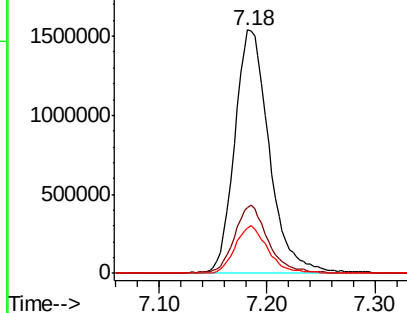


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 14:05

Tot Ion:	114	Resp:	3440739
Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.4	33.6
88	18.7	15.4	23.0

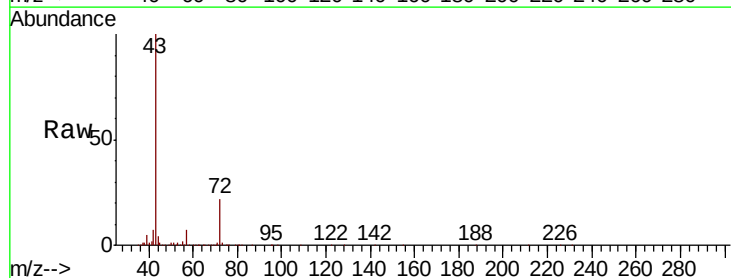


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

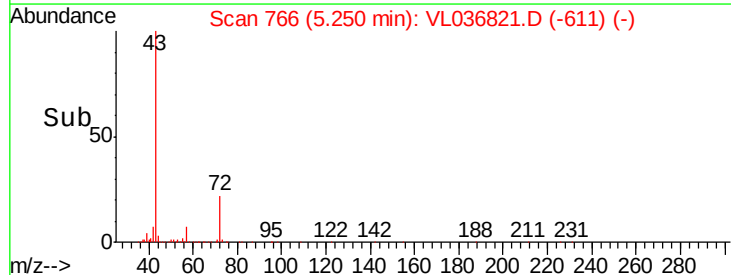
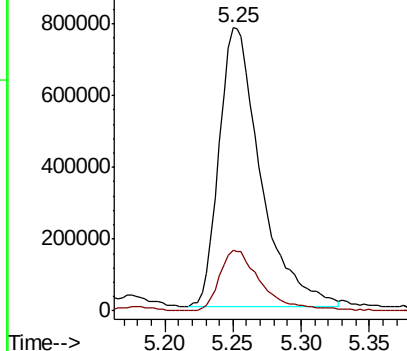


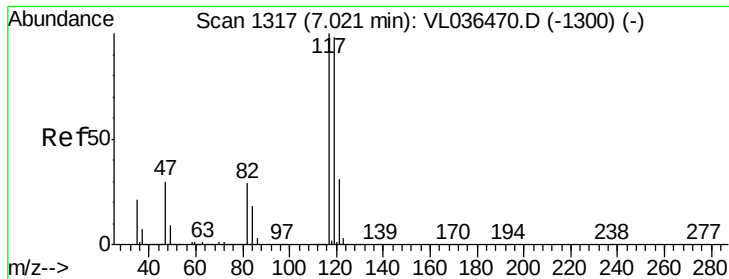
#34
 2-Butanone
 Concen: 9.823 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T.: -0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion:	43	Resp:	1649828
Ion	Ratio	Lower	Upper
43	100		
72	22.3	17.0	25.6



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





#35

Carbon Tetrachloride

Concen: 9.838 ppbv

RT: 7.03 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05

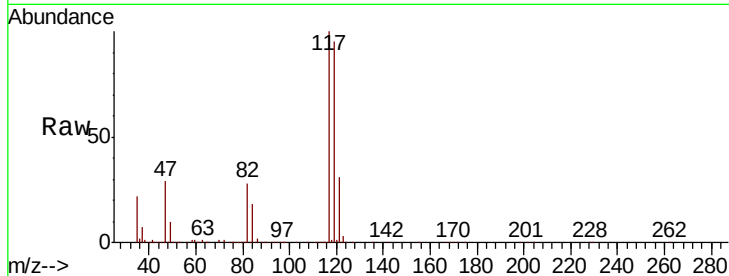
Tot Ion:117 Resp: 2599848

Ion Ratio Lower Upper

117 100

119 94.9 78.2 117.2

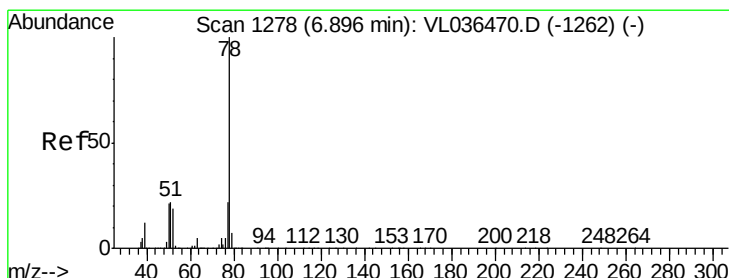
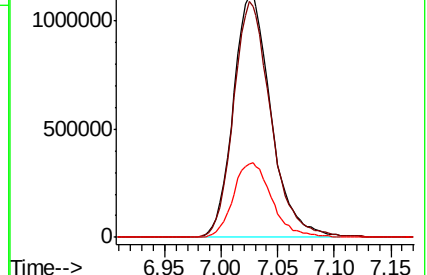
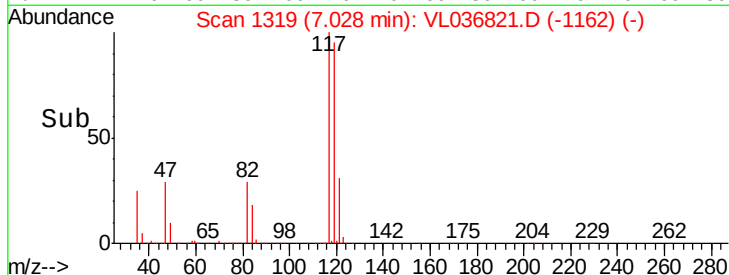
121 30.8 24.5 36.7



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



#36

Benzene

Concen: 10.361 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. 0.00 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

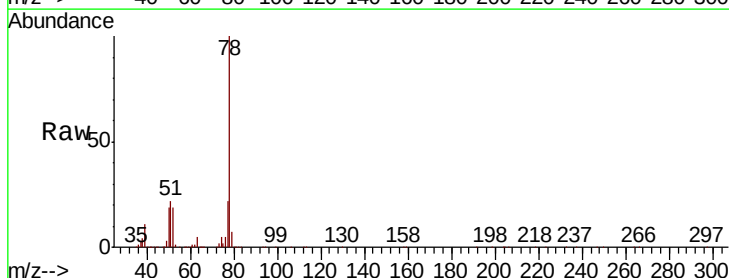
Tgt Ion: 78 Resp: 3287735

Ion Ratio Lower Upper

78 100

77 22.4 18.0 27.0

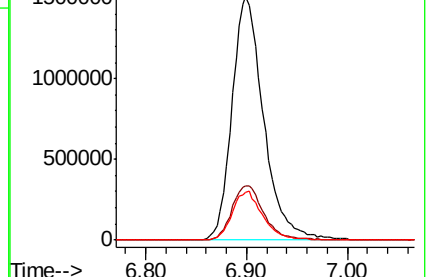
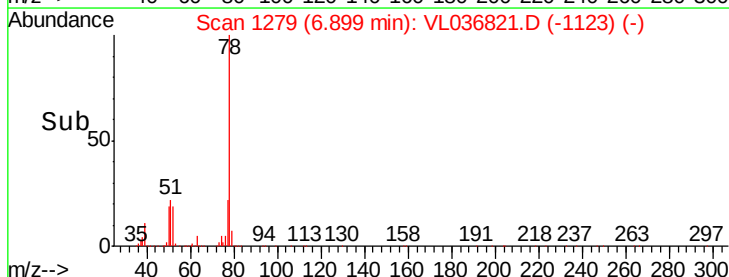
50 19.3 16.5 24.7

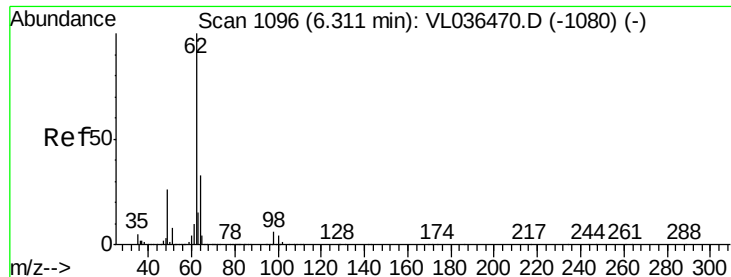


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 10.049 ppbv

RT: 6.31 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

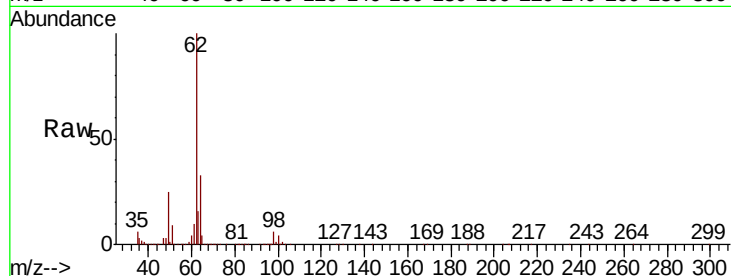
Acq: 20 Apr 2021 14:05

Tot Ion: 62 Resp: 1876757

Ion Ratio Lower Upper

62 100

98 6.3 4.9 7.3



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

6.31

800000

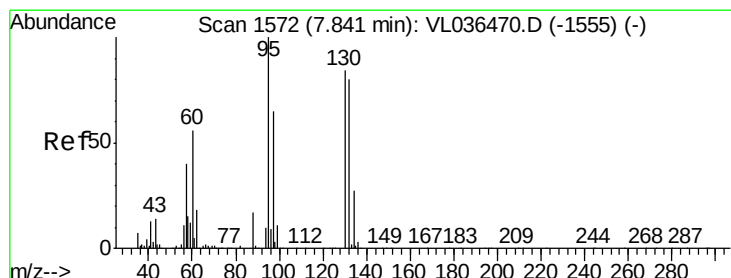
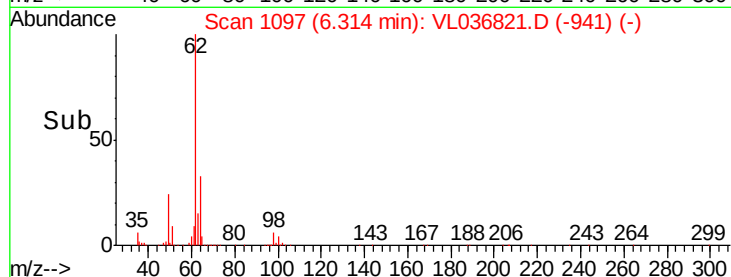
600000

400000

200000

0

Time-->



#38

Trichloroethene

Concen: 9.615 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

Tgt Ion: 130 Resp: 1187381

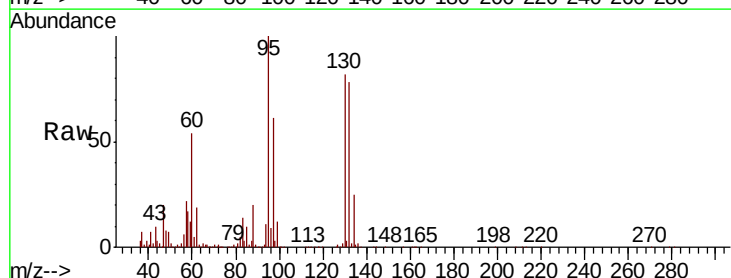
Ion Ratio Lower Upper

130 100

95 122.6 95.7 143.5

132 95.1 76.2 114.4

97 74.7 61.8 92.6



Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

7.84

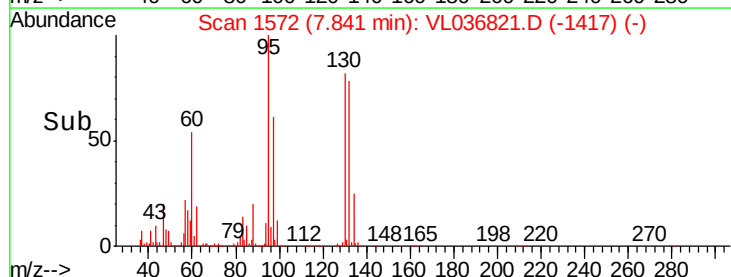
600000

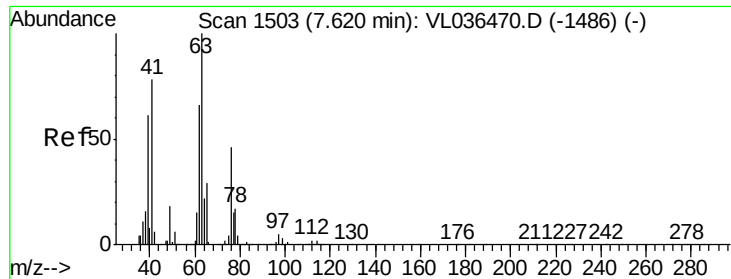
400000

200000

0

Time-->





#39

1,2-Dichloropropane

Concen: 9.858 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05

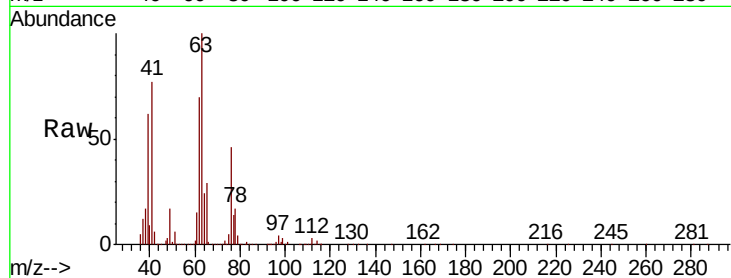
Tot Ion: 63 Resp: 1268907

Ion Ratio Lower Upper

63 100

41 76.8 62.4 93.6

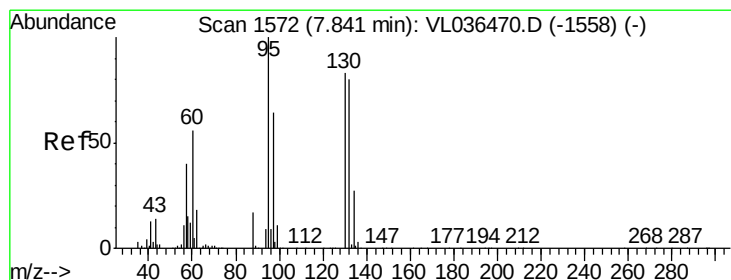
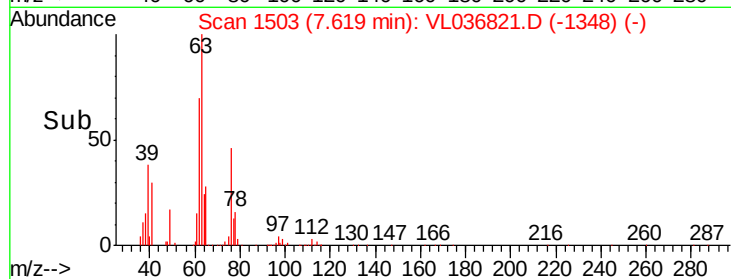
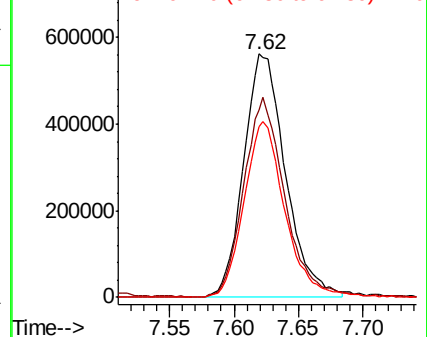
62 70.1 52.8 79.2



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 10.738 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

Tgt Ion: 88 Resp: 321716

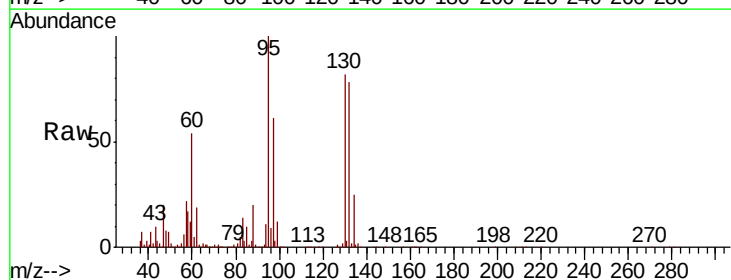
Ion Ratio Lower Upper

88 100

58 162.4 134.1 201.1

43 381.0 346.6 520.0

57 1703.6 1481.8 2222.8

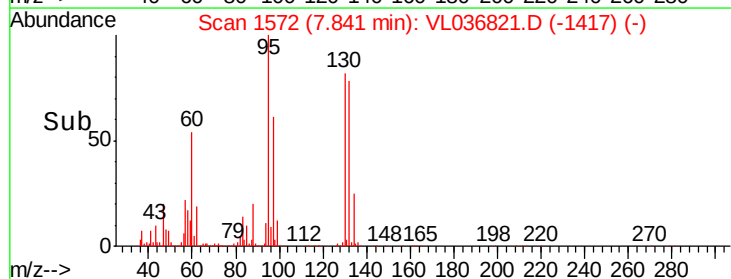
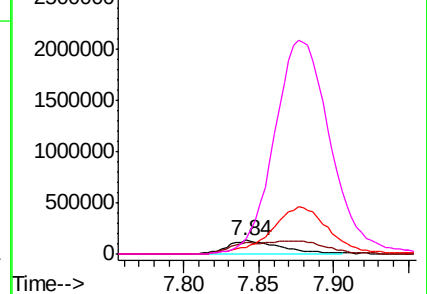


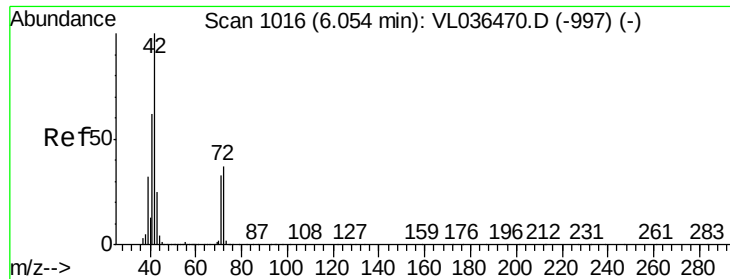
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 10.279 ppbv

RT: 6.06 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05

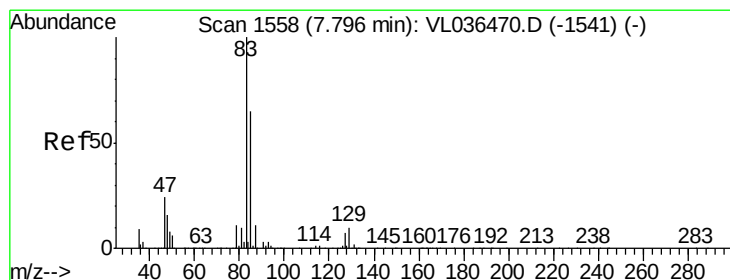
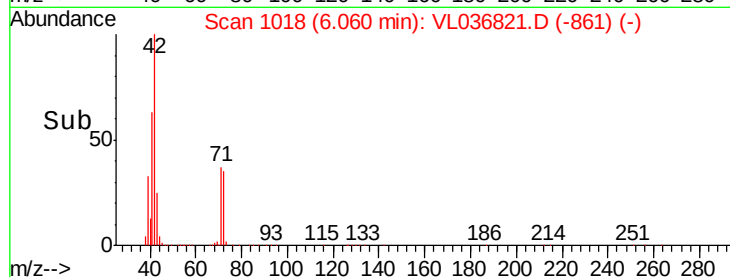
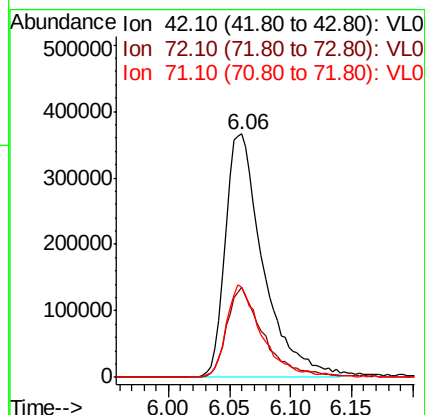
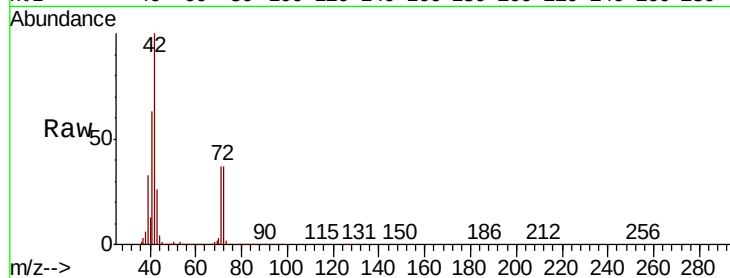
Tot Ion: 42 Resp: 796024

Ion Ratio Lower Upper

42 100

72 36.3 27.6 41.4

71 36.3 27.0 40.4



#42

Bromodichloromethane

Concen: 10.446 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

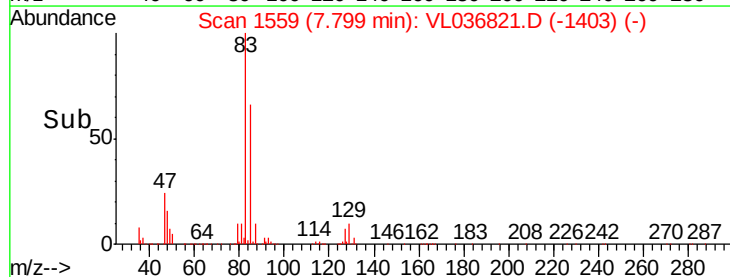
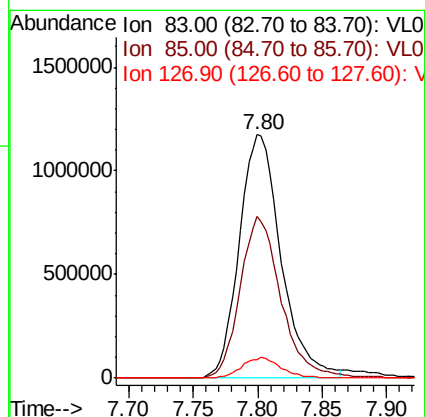
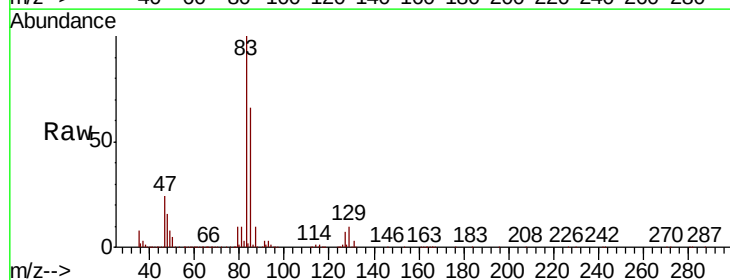
Tgt Ion: 83 Resp: 2653853

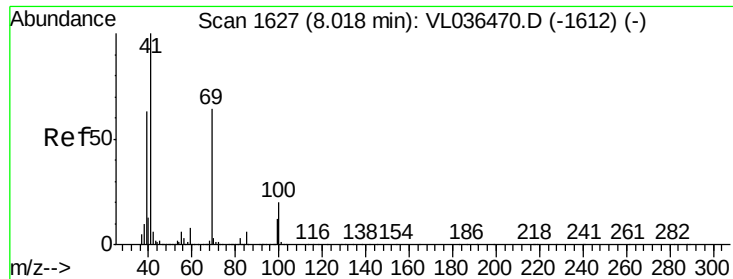
Ion Ratio Lower Upper

83 100

85 66.3 51.8 77.6

127 7.3 5.8 8.8





#43

Methyl Methacrylate

Concen: 11.095 ppbv

RT: 8.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05

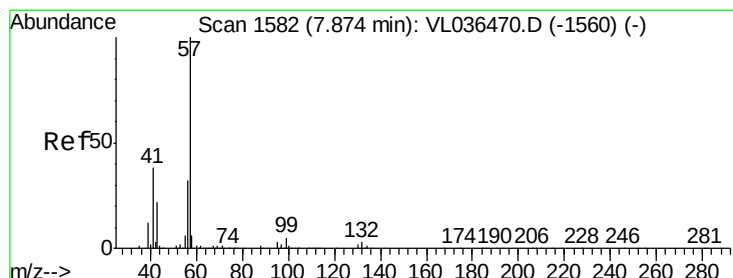
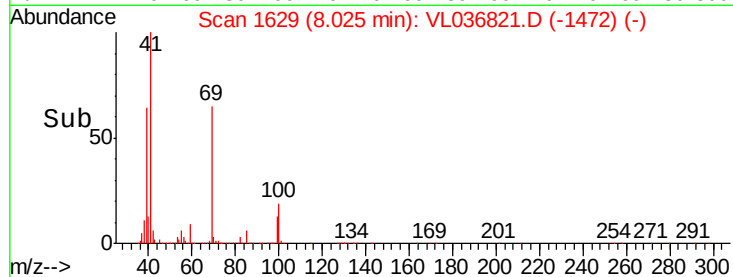
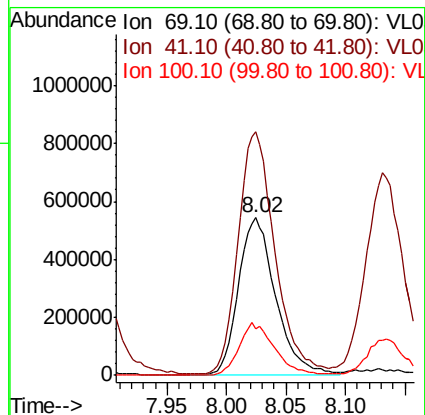
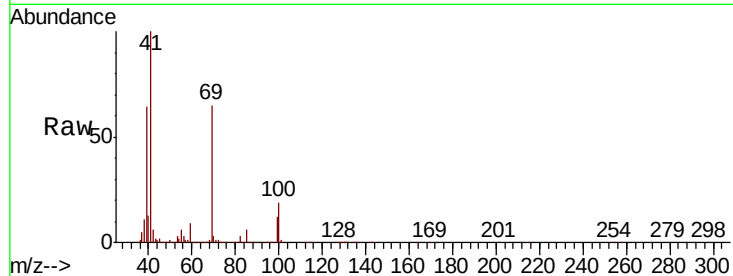
Tot Ion: 69 Resp: 1182301

Ion Ratio Lower Upper

69 100

41 152.3 126.8 190.2

100 31.8 24.9 37.3



#44

2,2,4-Trimethylpentane

Concen: 9.792 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

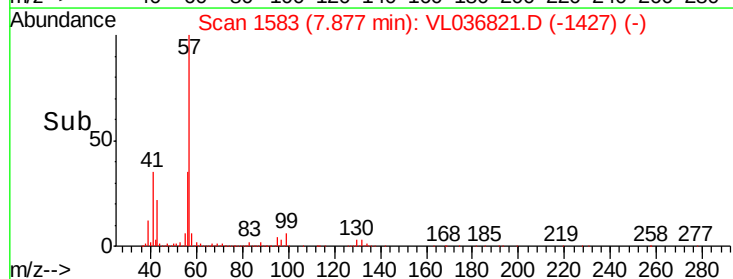
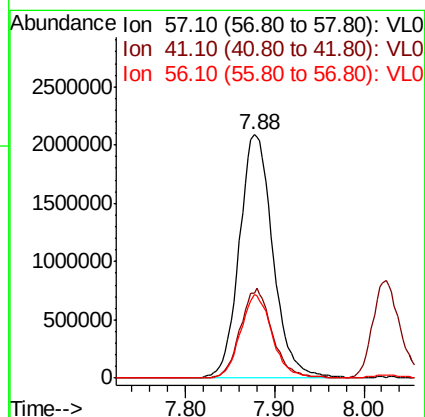
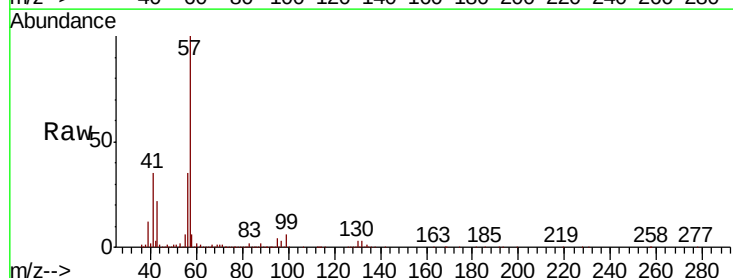
Tgt Ion: 57 Resp: 5469003

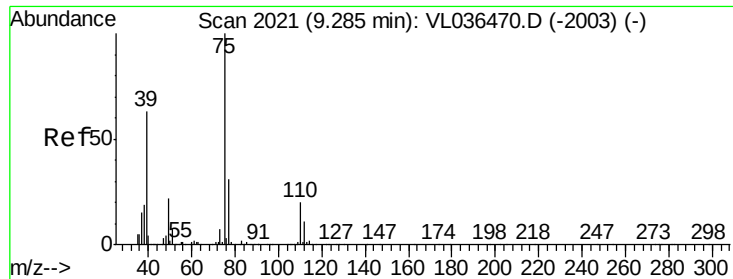
Ion Ratio Lower Upper

57 100

41 34.8 28.8 43.2

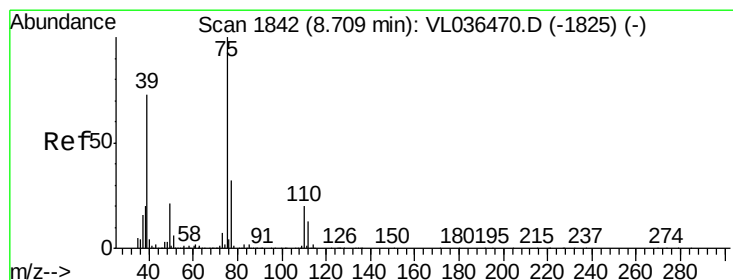
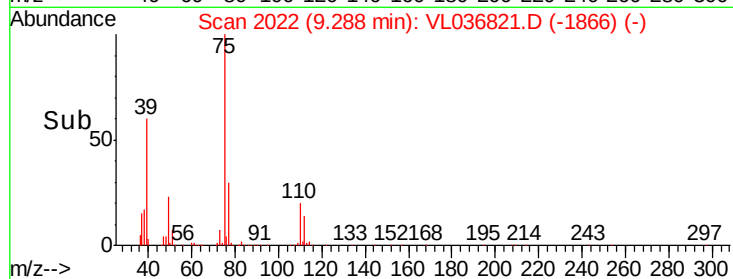
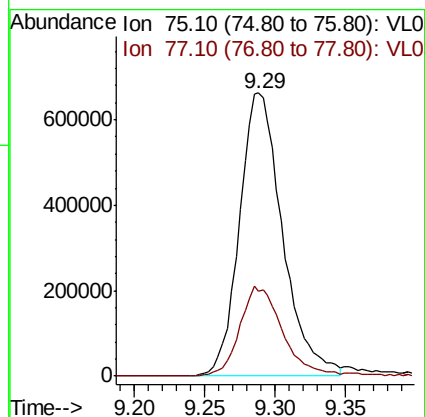
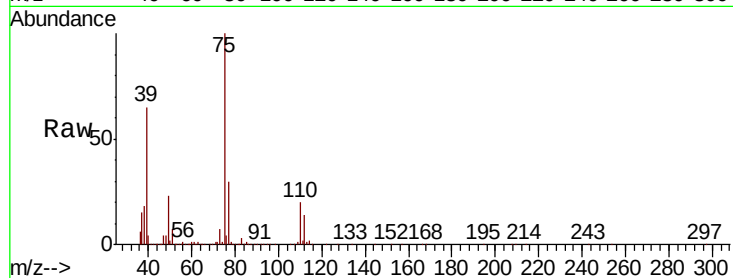
56 32.4 26.1 39.1





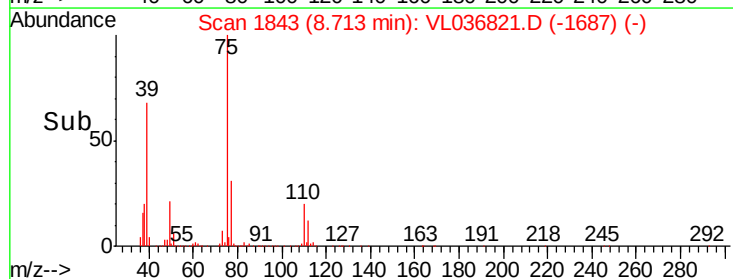
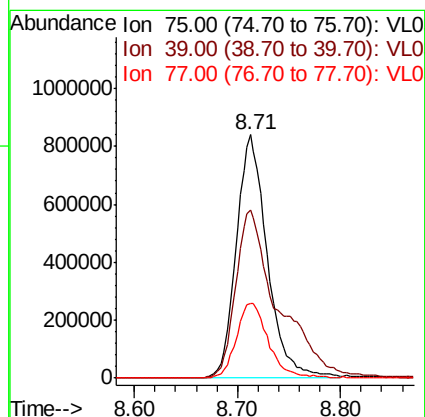
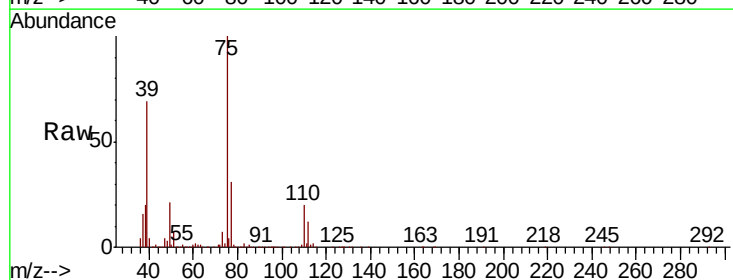
#45
t-1,3-Dichloropropene
Concen: 11.662 ppbv
RT: 9.29
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 14:05

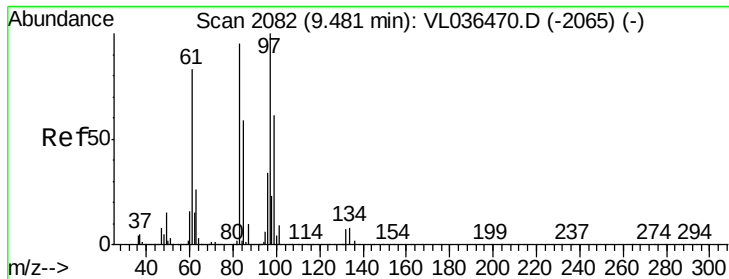
Tot Ion: 75 Resp: 1419009
Ion Ratio Lower Upper
75 100
77 29.9 25.1 37.7



#46
cis-1,3-Dichloropropene
Concen: 11.278 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 75 Resp: 1754036
Ion Ratio Lower Upper
75 100
39 68.7 58.2 87.2
77 30.8 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.139 ppbv

RT: 9.48 Instrument:

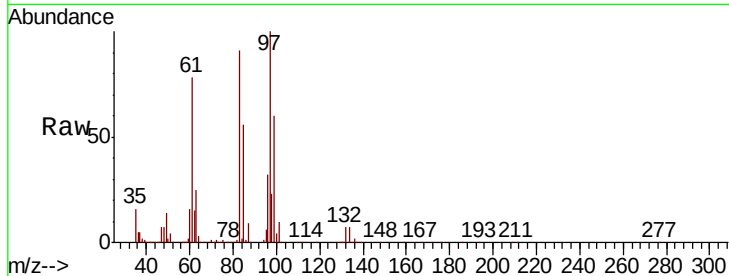
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 14:05

Tot Ion: 97 Resp: 1321925

Ion	Ratio	Lower	Upper
97	100		
83	90.4	75.8	113.8
85	55.5	47.1	70.7
99	59.9	49.2	73.8

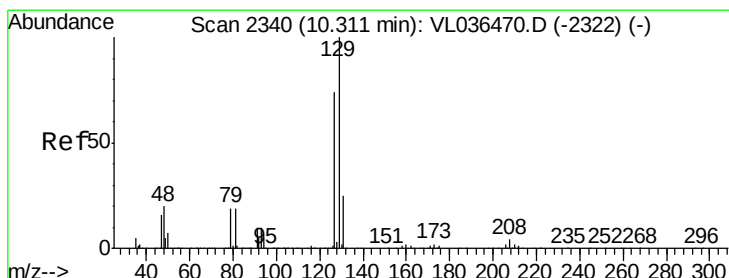
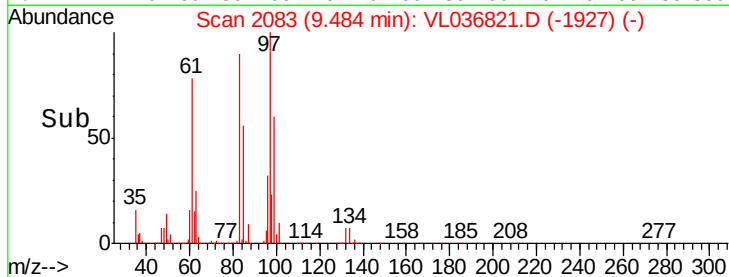
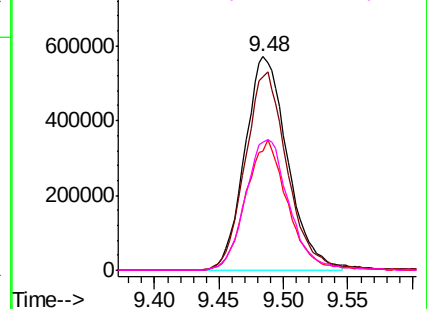


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 11.055 ppbv

RT: 10.31 min Scan# 2341

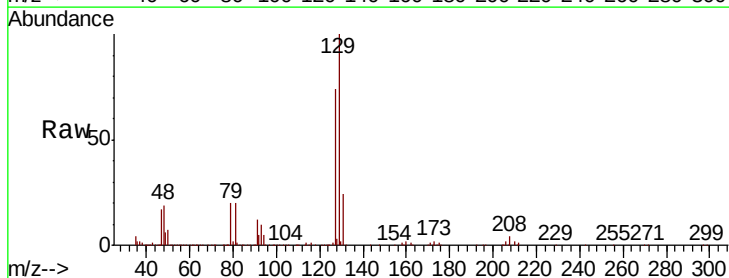
Delta R.T. 0.00 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

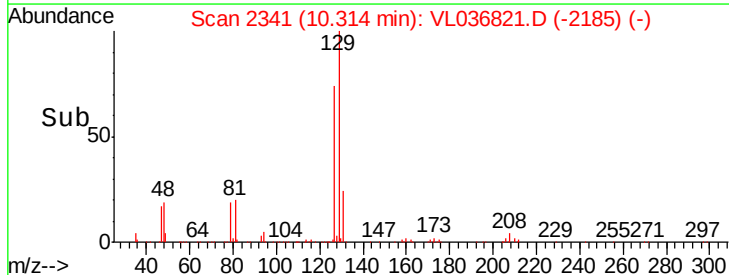
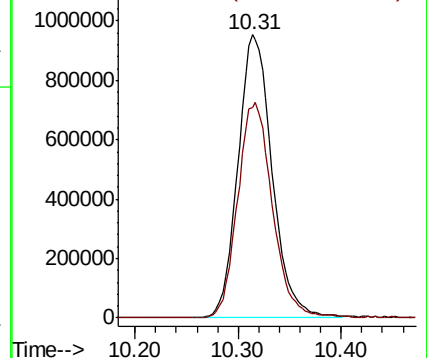
Tgt Ion:129 Resp: 2197240

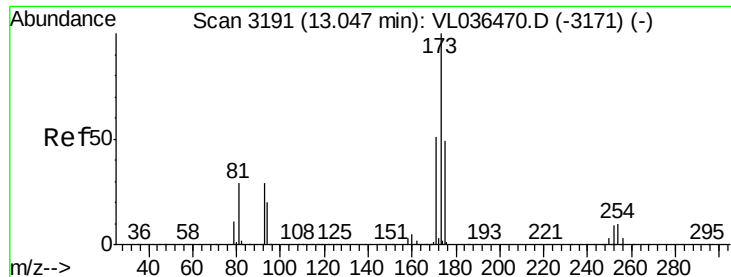
Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.6	118.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 11.077 ppbv

RT: 13.06

Delta R.T. MSVOA_L

Lab File:

ClientSampleId:

Acq: 20 Apr 2021 14:05

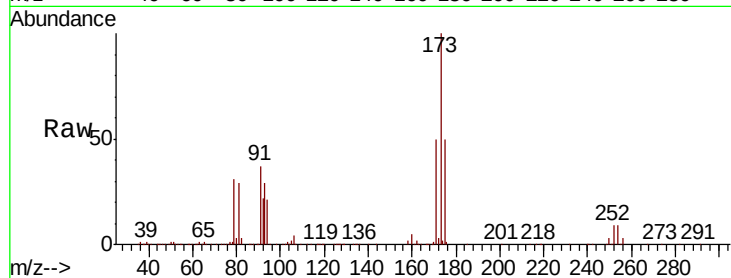
Tot Ion:173 Resp: 1773978

Ion Ratio Lower Upper

173 100

175 50.1 39.6 59.4

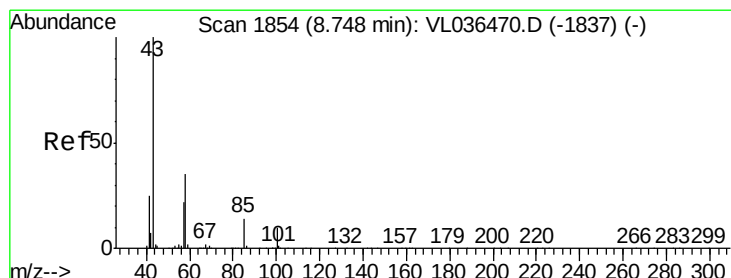
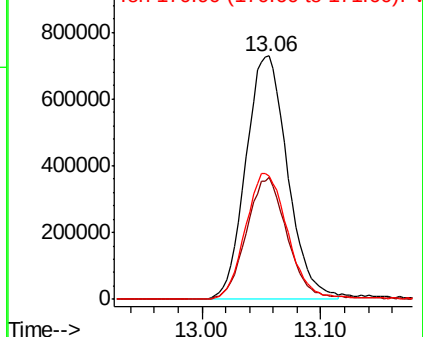
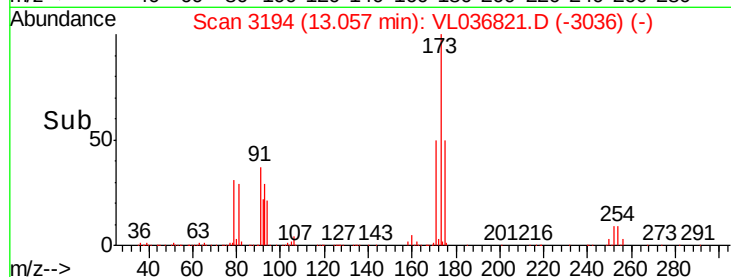
171 52.9 41.4 62.0



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



#50

4-Methyl-2-Pentanone

Concen: 10.443 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VL036821.D

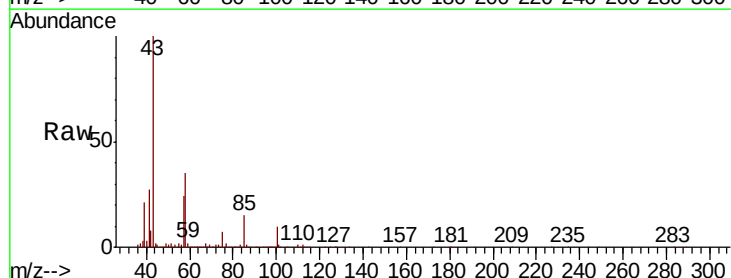
Acq: 20 Apr 2021 14:05

Tgt Ion: 43 Resp: 2537762

Ion Ratio Lower Upper

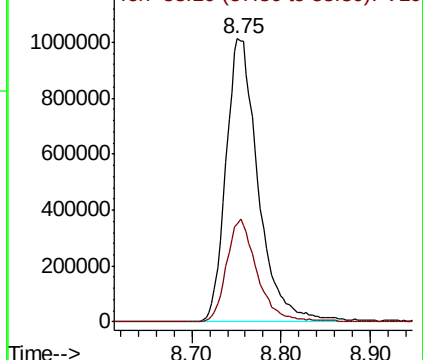
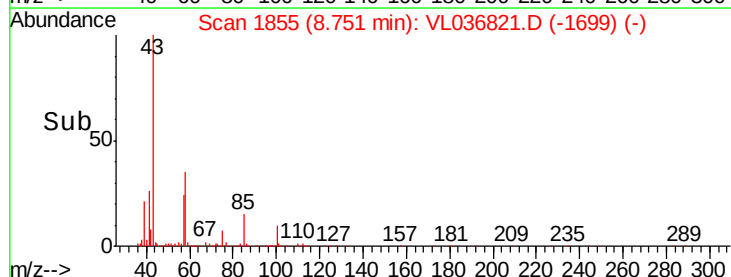
43 100

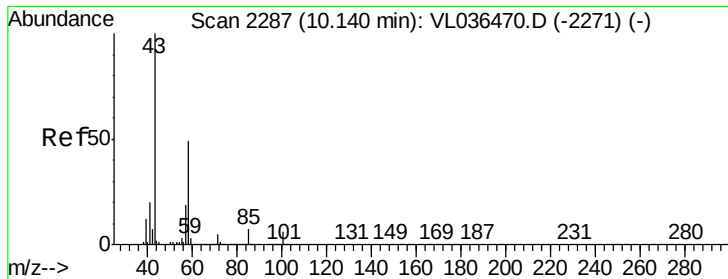
58 34.8 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 11.036 ppbv

RT: 10.15

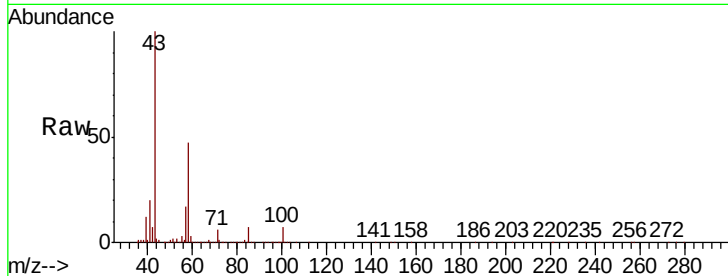
Delta R.T. MSVOA_L

Lab File:

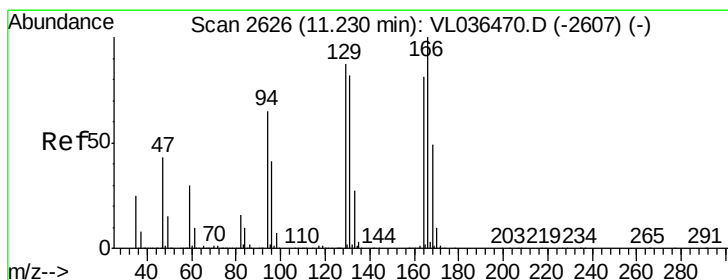
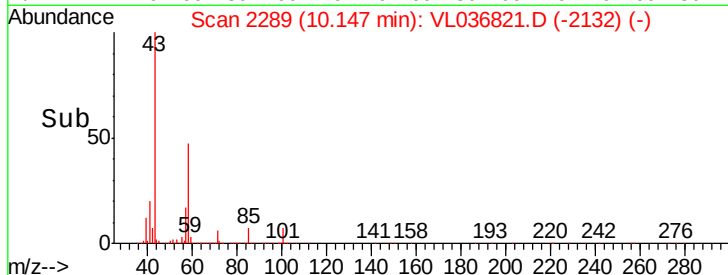
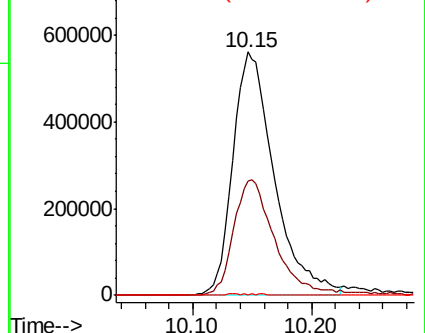
Acq: 20 Apr 2021 14:05

Tot Ion: 43 Resp: 1353409

Ion	Ratio	Lower	Upper
43	100		
58	48.2	37.7	56.5
98	0.3	0.2	0.2#



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: 9.392 ppbv

RT: 11.23 min Scan# 2627

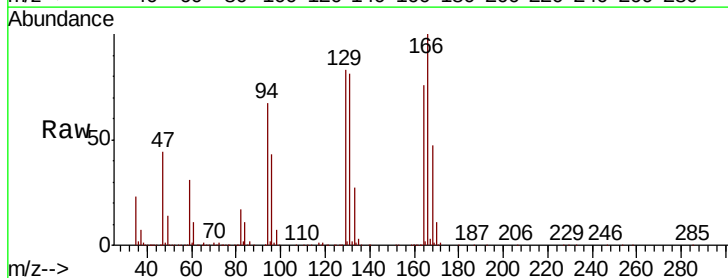
Delta R.T. 0.00 min

Lab File: VL036821.D

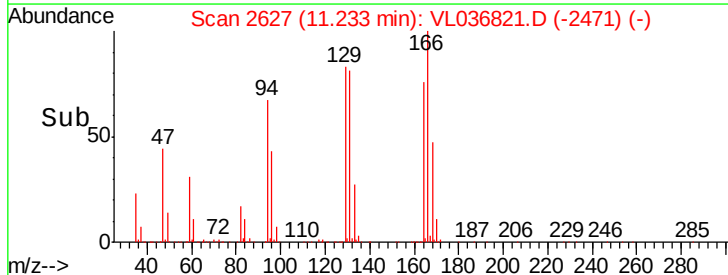
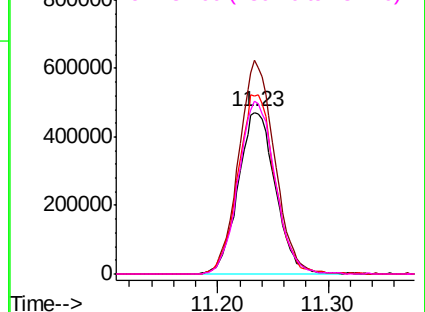
Acq: 20 Apr 2021 14:05

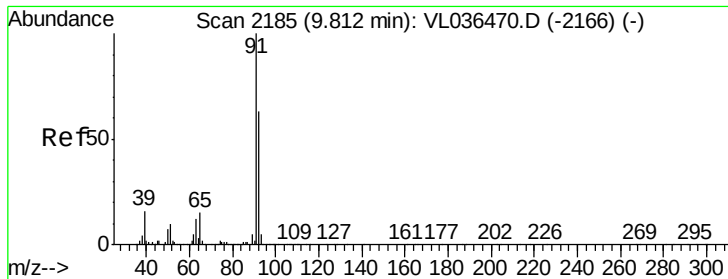
Tgt Ion: 164 Resp: 1097424

Ion	Ratio	Lower	Upper
164	100		
166	132.3	98.3	147.5
129	110.3	85.8	128.8
131	107.2	80.9	121.3



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 10.860 ppbv

RT: 9.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

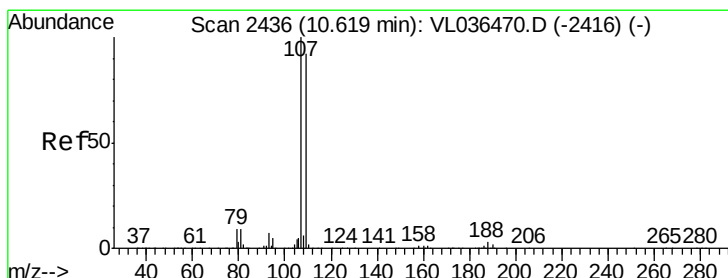
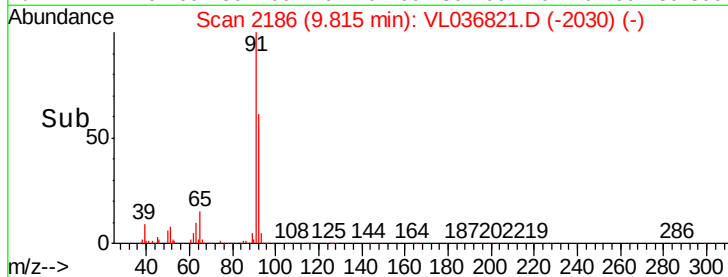
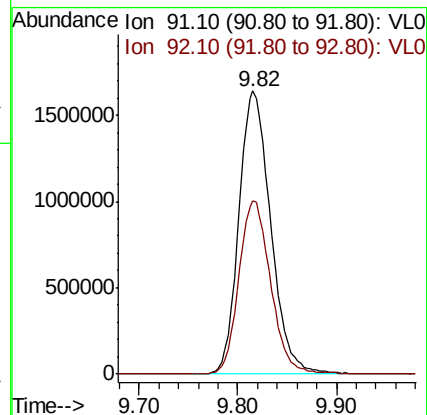
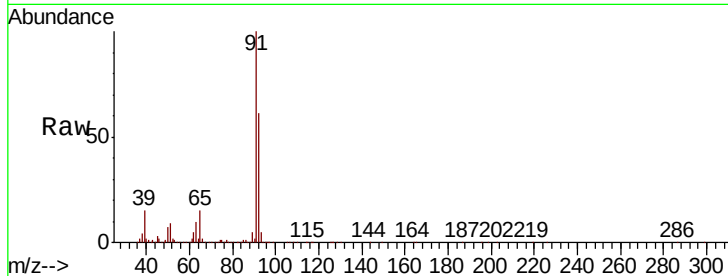
Acq: 20 Apr 2021 14:05

Tot Ion: 91 Resp: 3670059

Ion Ratio Lower Upper

91 100

92 61.3 48.8 73.2



#54

1,2-Dibromoethane

Concen: 10.310 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VL036821.D

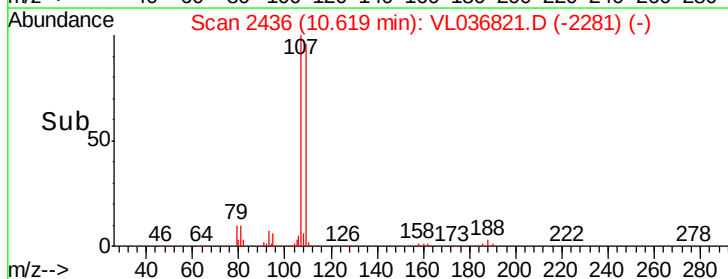
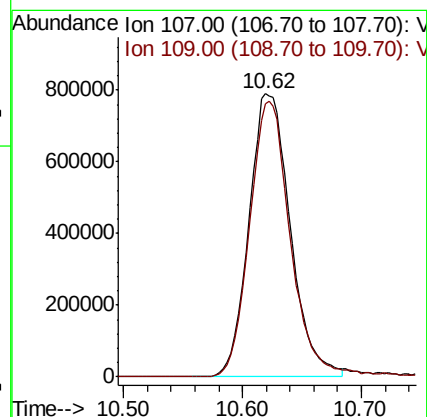
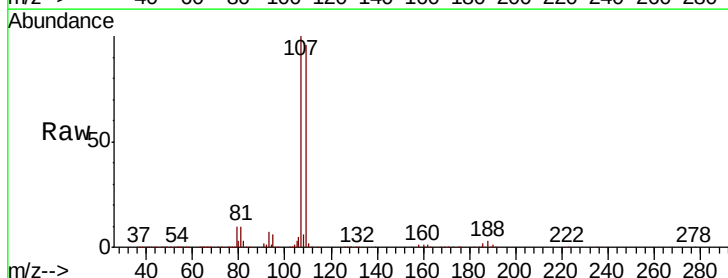
Acq: 20 Apr 2021 14:05

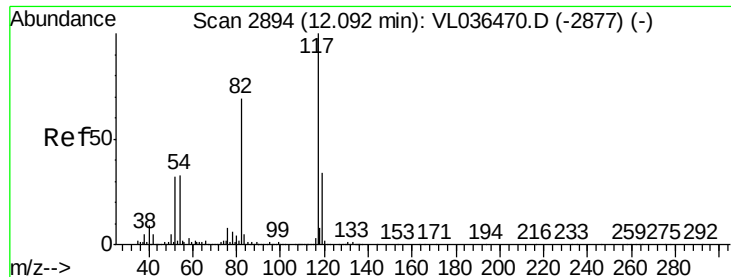
Tgt Ion: 107 Resp: 1898348

Ion Ratio Lower Upper

107 100

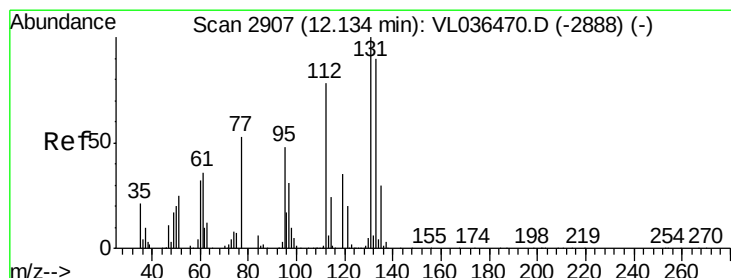
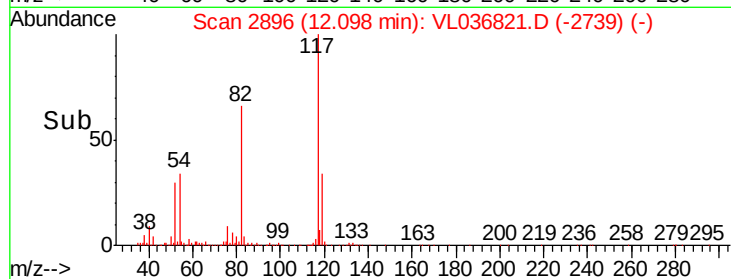
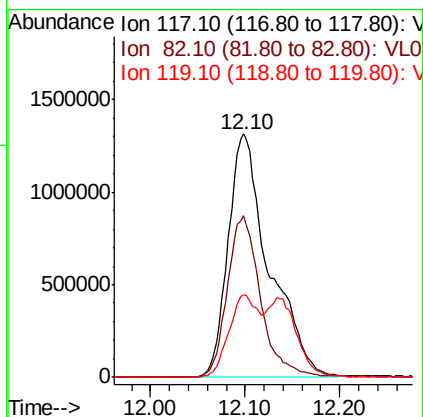
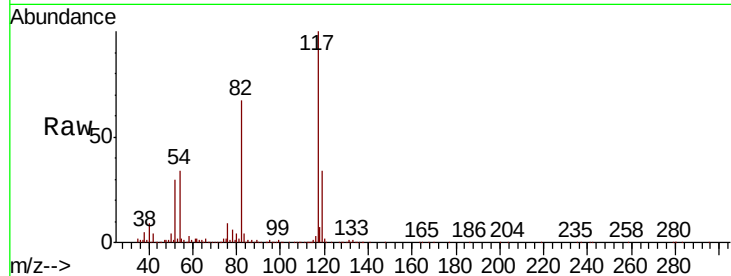
109 96.4 73.9 110.9





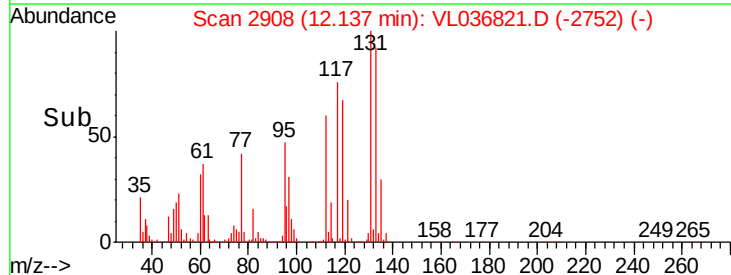
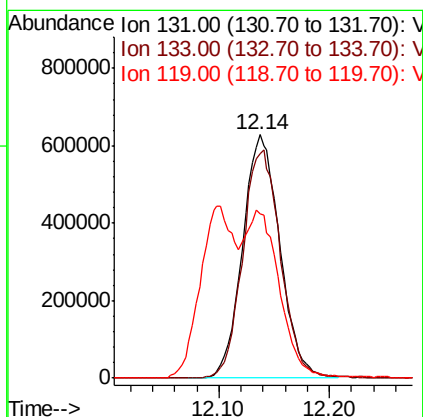
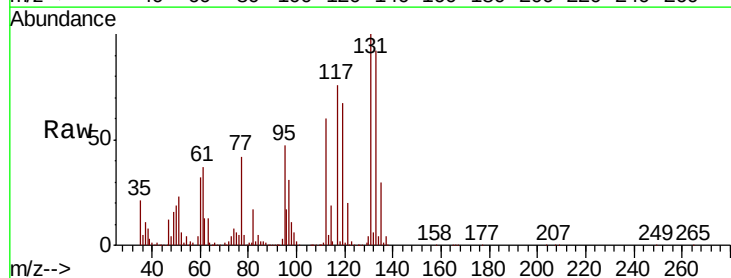
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 14:05

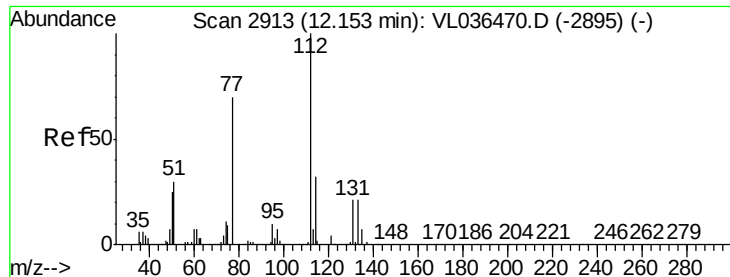
Tot Ion:117 Resp: 3965429
Ion Ratio Lower Upper
117 100
82 53.9 57.4 86.0#
119 24.3 47.4 71.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.192 ppbv
RT: 12.14 min Scan# 2908
Delta R.T.: 0.00 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion:131 Resp: 1469214
Ion Ratio Lower Upper
131 100
133 95.3 75.8 113.6
119 60.9 48.7 73.1

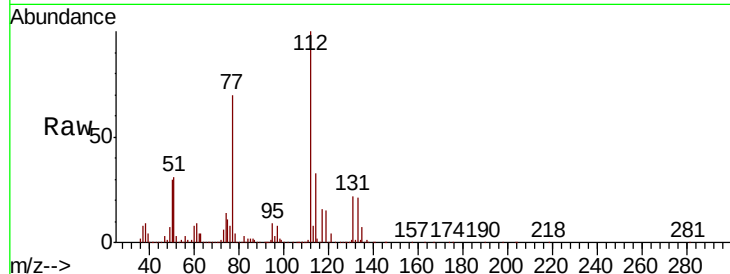




#57
Chlorobenzene
Concen: 8.013 ppbv
RT: 12.16 min
Delta R.T. 0.01 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tot Ion: 112 Resp: 2703782

Ion	Ratio	Lower	Upper
112	100		
77	69.6	56.0	84.0
114	33.3	29.0	35.4

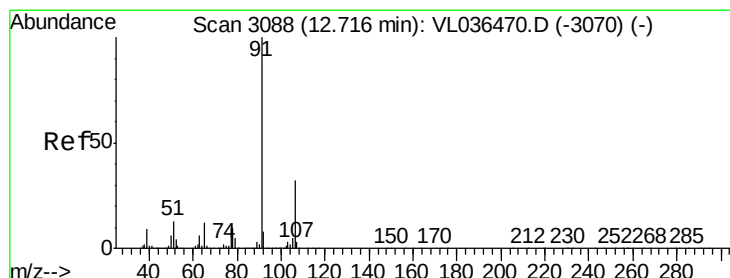
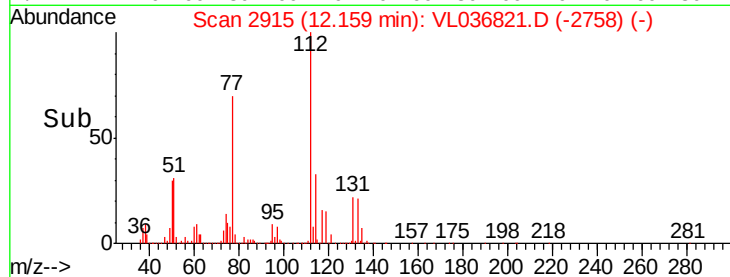
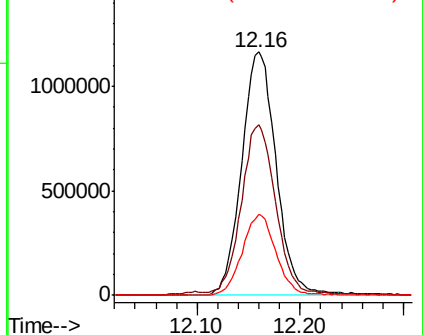


Abundance

Ion 112.10 (111.80 to 112.80): VL036470.D (-2895) (-)

Ion 77.10 (76.80 to 77.80): VL036470.D (-2895) (-)

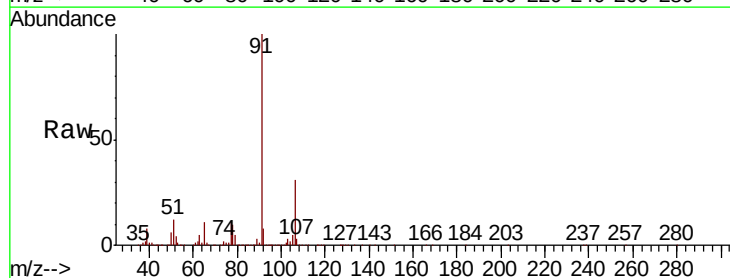
Ion 114.10 (113.80 to 114.80): VL036470.D (-2895) (-)



#58
Ethyl Benzene
Concen: 8.518 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. 0.01 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 91 Resp: 4913973

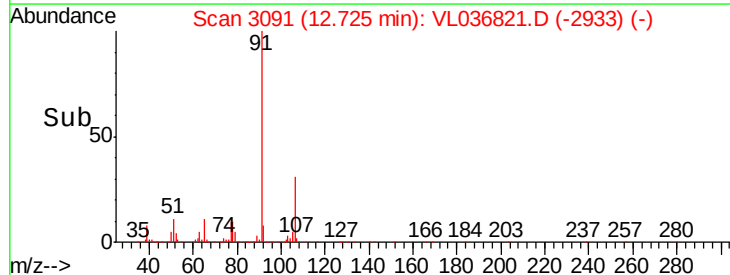
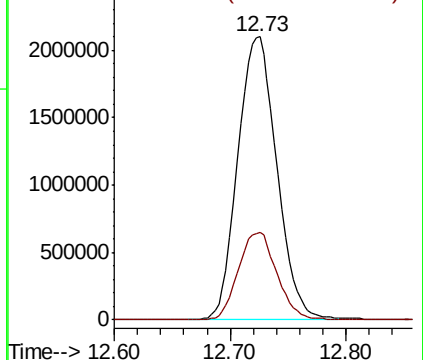
Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.3	37.9

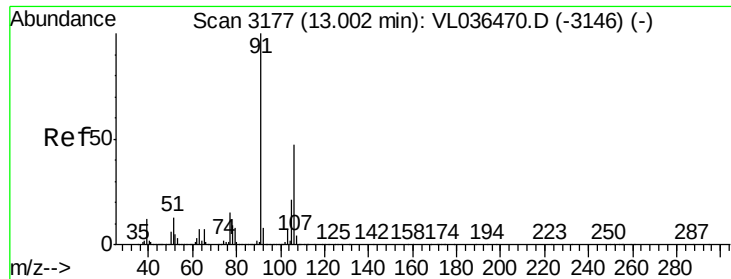


Abundance

Ion 91.10 (90.80 to 91.80): VL036470.D (-3070) (-)

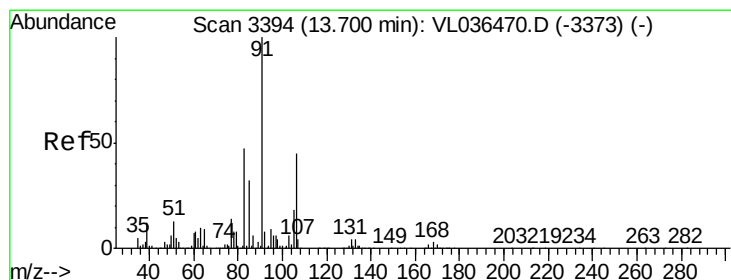
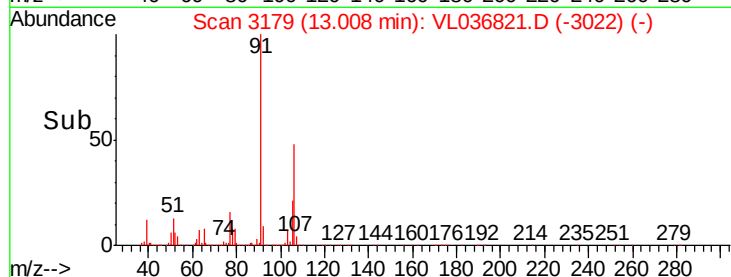
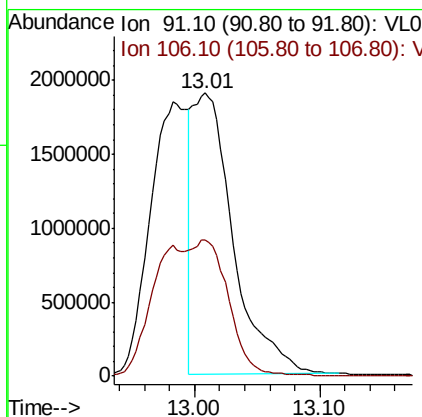
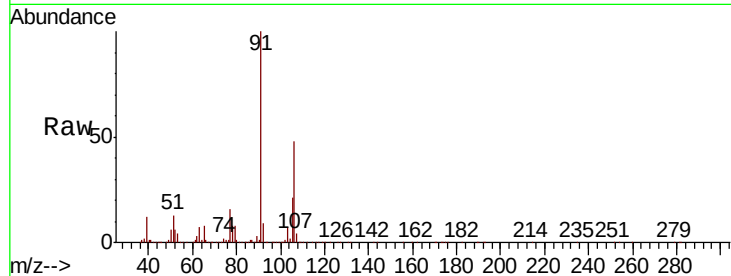
Ion 106.10 (105.80 to 106.80): VL036470.D (-3070) (-)





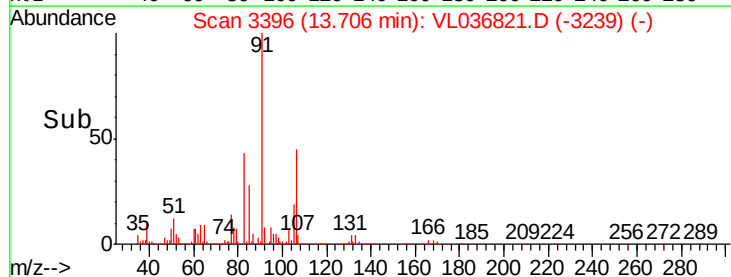
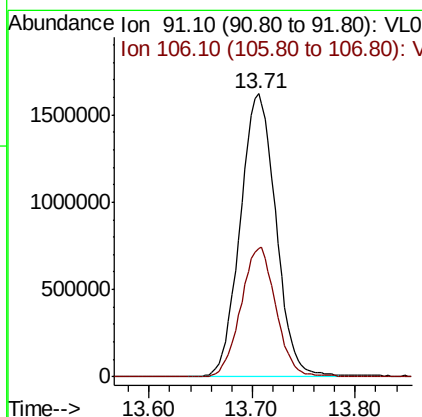
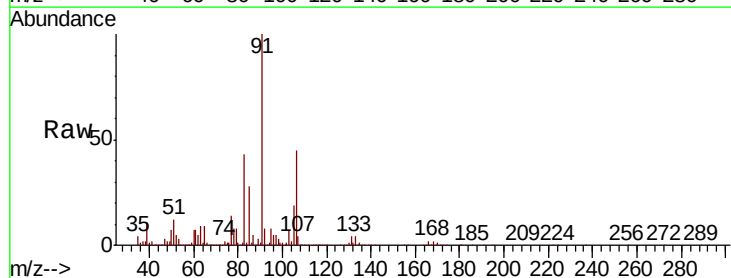
#59
m/p-Xylene
Concen: 8.493 ppbv
RT: 13.01 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 14:05

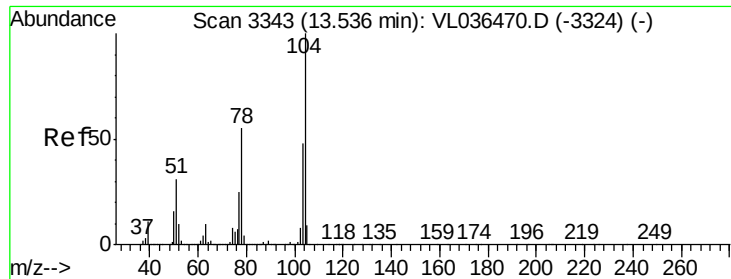
Tot Ion: 91 Resp: 4273566
Ion Ratio Lower Upper
91 100
106 86.2 35.3 52.9#



#60
o-Xylene
Concen: 8.000 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.01 min
Lab File: VL036821.D
Acq: 20 Apr 2021 14:05

Tgt Ion: 91 Resp: 3892500
Ion Ratio Lower Upper
91 100
106 45.1 22.3 66.9





#61

Stvrene

Concen: 9.340 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File:

Acq: 20 Apr 2021 14:05

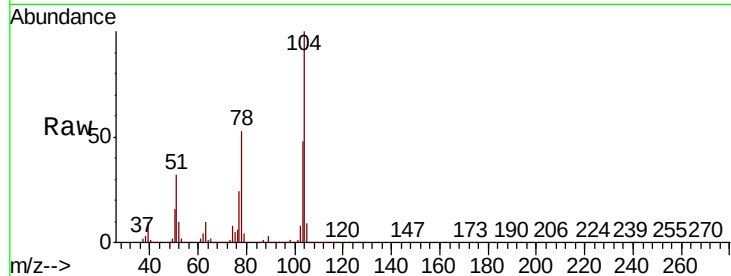
Tot Ion:104 Resp: 2286130

Ion Ratio Lower Upper

104 100

78 53.8 43.8 65.8

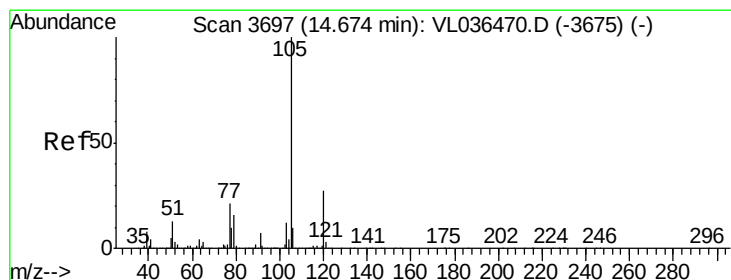
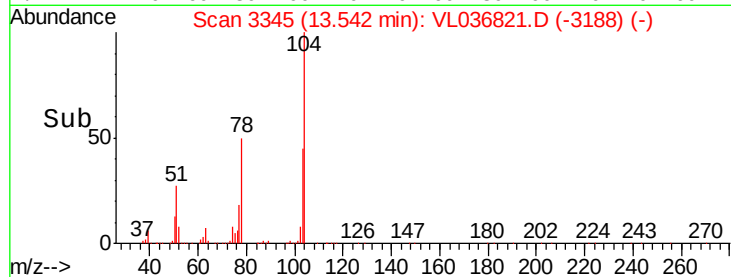
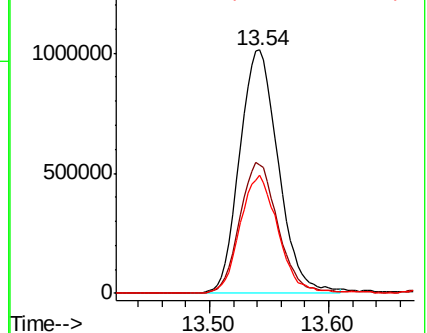
103 48.2 38.3 57.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 8.029 ppbv

RT: 14.68 min Scan# 3700

Delta R.T. 0.01 min

Lab File: VL036821.D

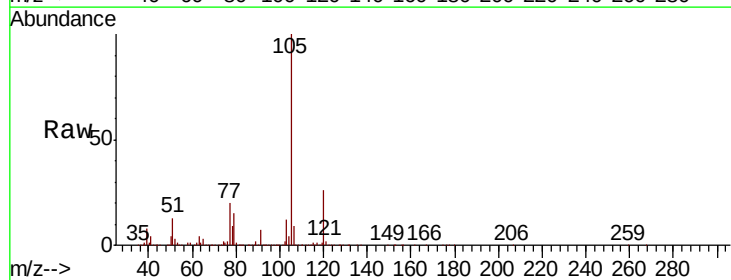
Acq: 20 Apr 2021 14:05

Tgt Ion:105 Resp: 5260571

Ion Ratio Lower Upper

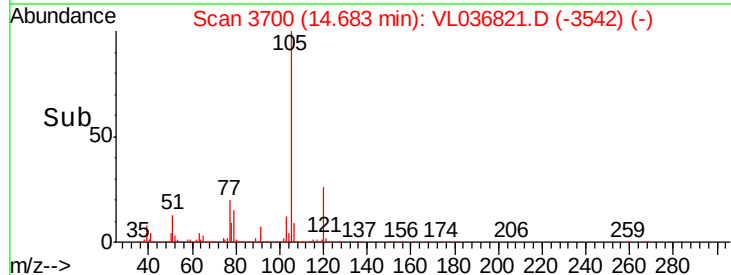
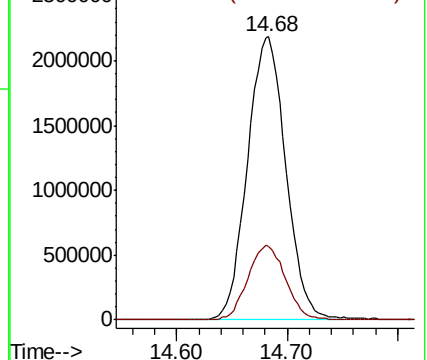
105 100

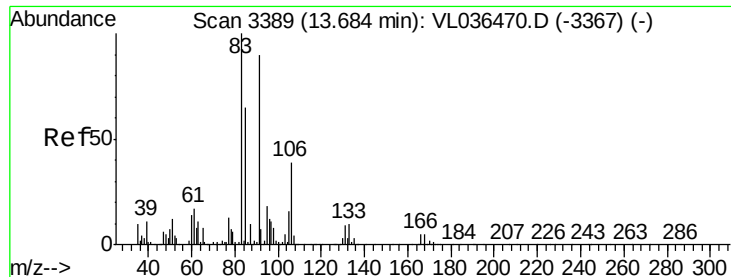
120 26.0 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 7.646 ppbv

RT: 13.69 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05

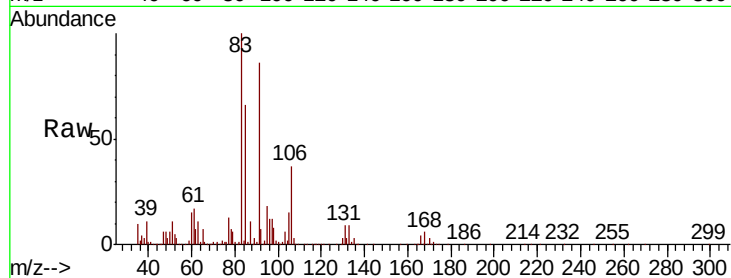
Tot Ion: 83 Resp: 2837780

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.0
85	66.5	33.1	99.3

83 100

131 9.5 4.7 14.0

85 66.5 33.1 99.3

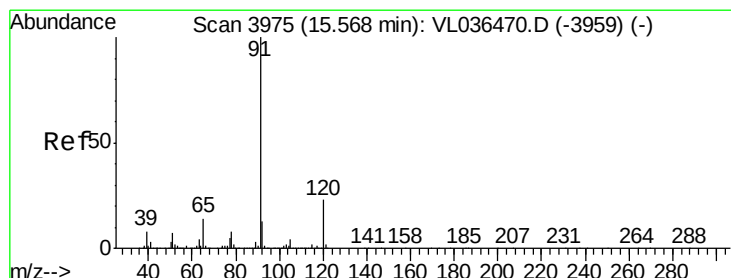
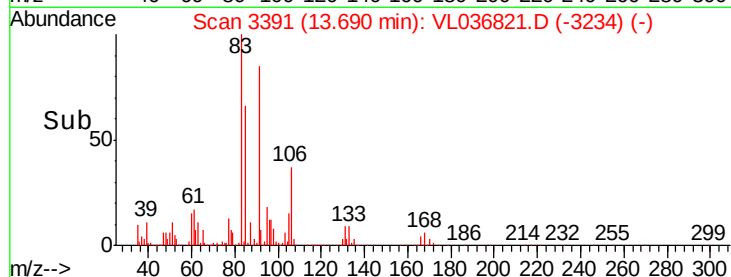
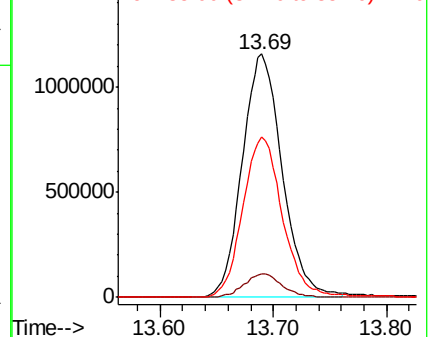


Abundance

Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.619 ppbv

RT: 15.57 min Scan# 3977

Delta R.T. 0.01 min

Lab File: VL036821.D

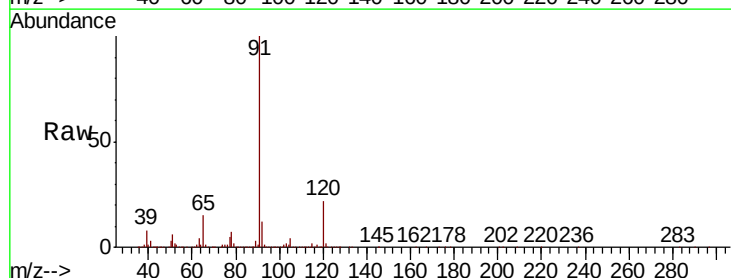
Acq: 20 Apr 2021 14:05

Tgt Ion: 120 Resp: 1380712

Ion	Ratio	Lower	Upper
120	100		
91	475.9	377.4	566.2

120 100

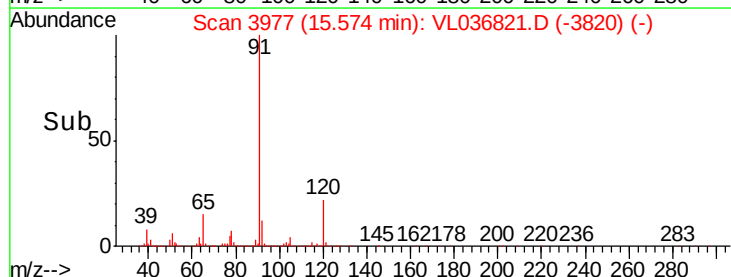
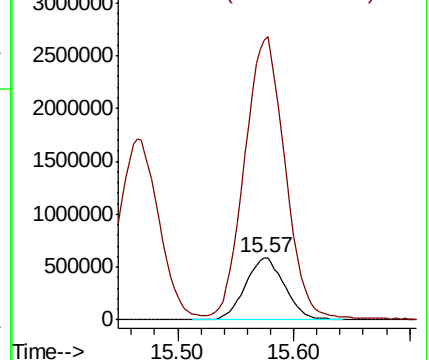
91 475.9 377.4 566.2

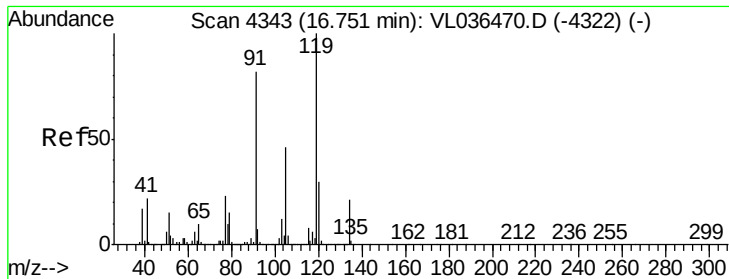


Abundance

Ion 120.20 (119.90 to 120.90): VL0

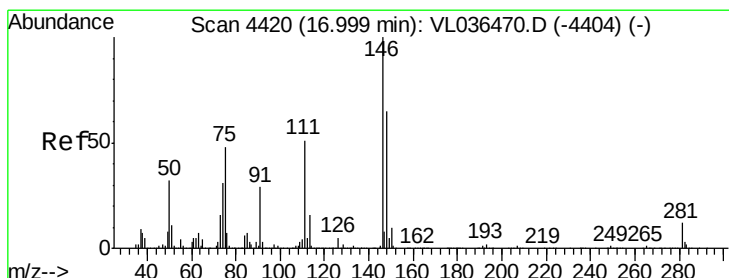
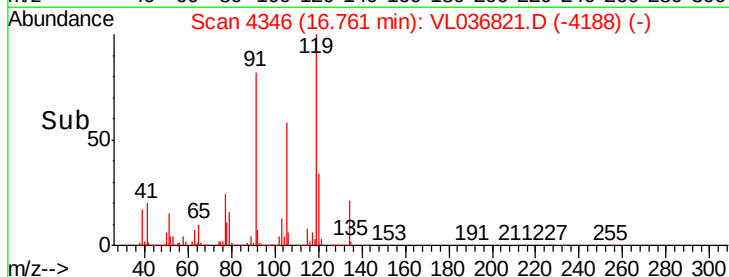
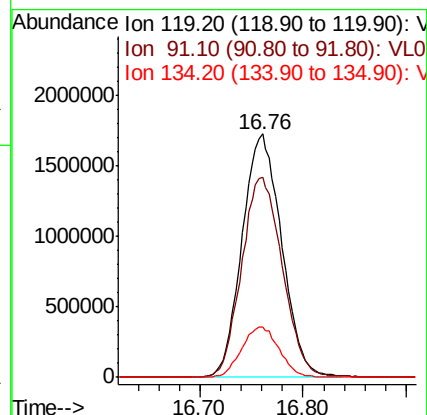
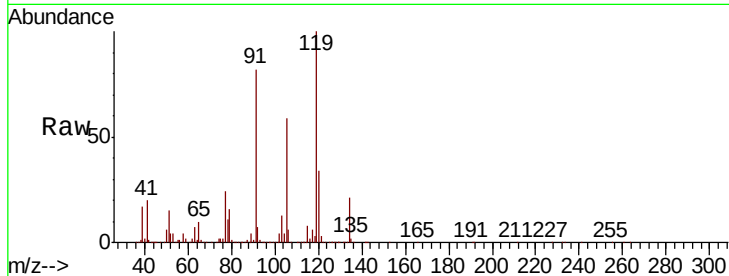
Ion 91.10 (90.80 to 91.80): VL0





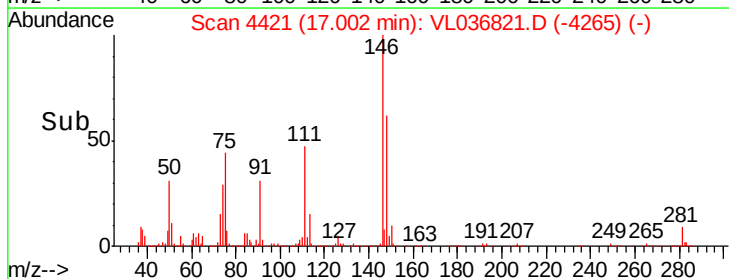
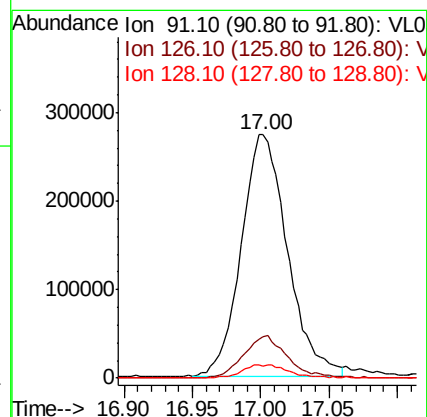
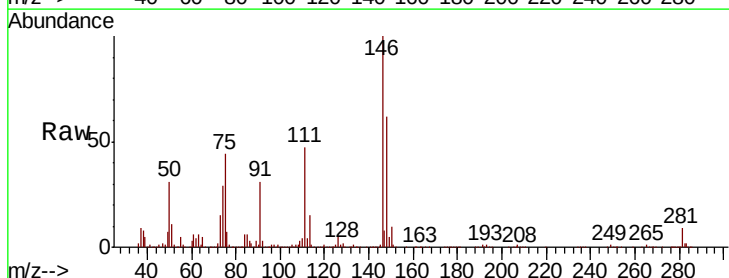
#65
 tert-Butylbenzene
 Concen: 8.085 ppbv
 RT: 16.76 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 14:05

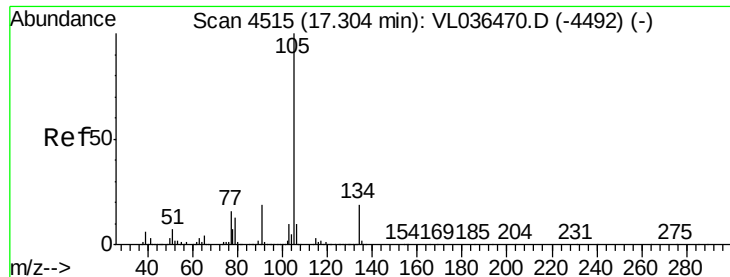
Tot Ion: 119 Resp: 4593621
 Ion Ratio Lower Upper
 119 100
 91 84.8 67.5 101.3
 134 19.7 15.8 23.8



#66
 Benzyl Chloride
 Concen: 10.183 ppbv
 RT: 17.00 min Scan# 4421
 Delta R.T.: 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

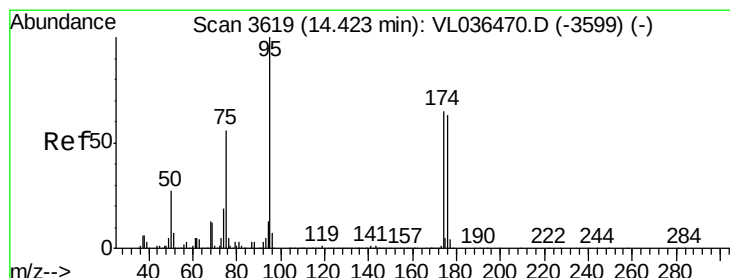
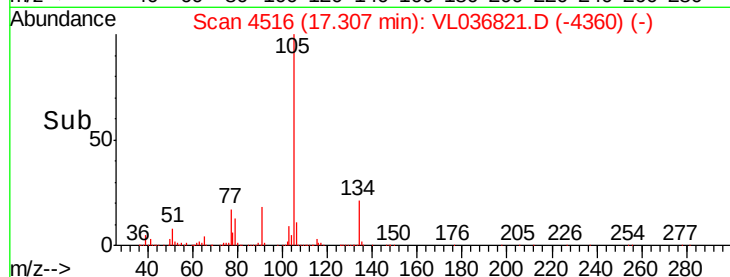
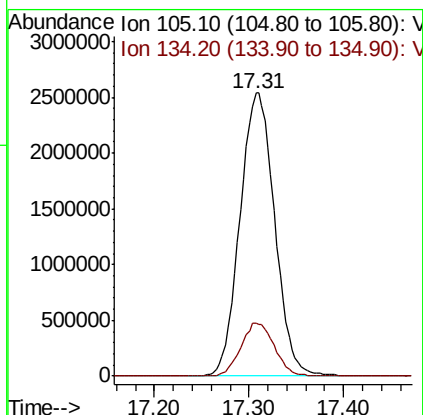
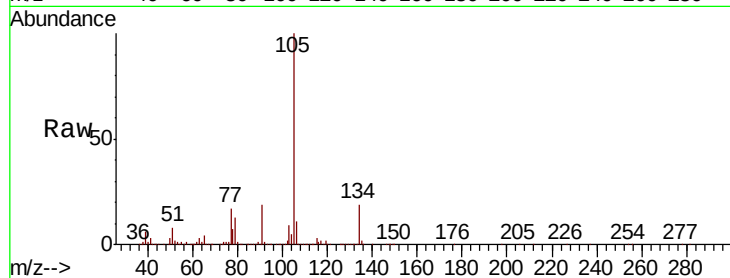
Tgt Ion: 91 Resp: 639485
 Ion Ratio Lower Upper
 91 100
 126 17.1 13.5 20.3
 128 6.0 4.2 6.4





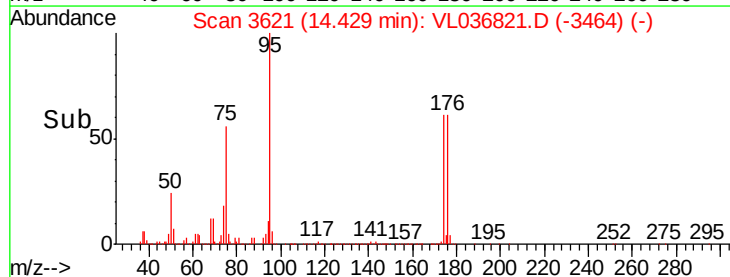
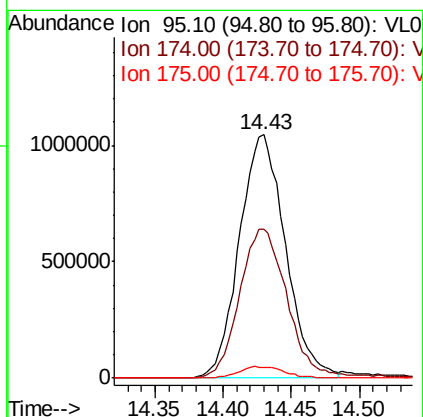
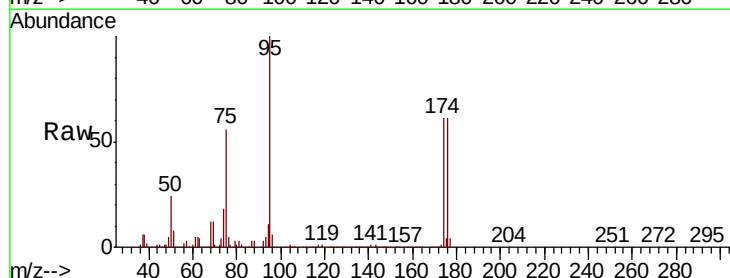
#67
 sec-Butylbenzene
 Concen: 8.061 ppbv
 RT: 17.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 14:05

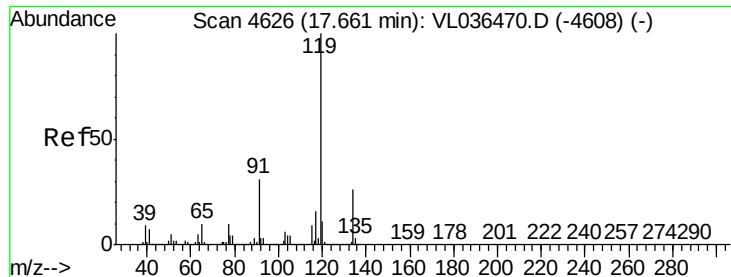
Tot Ion: 105 Resp: 6464591
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.7 22.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.746 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. 0.01 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

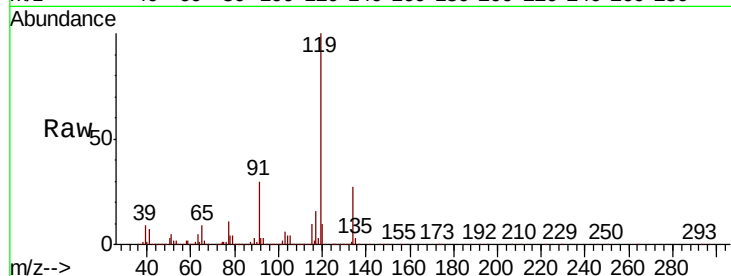
Tgt Ion: 95 Resp: 2448152
 Ion Ratio Lower Upper
 95 100
 174 64.2 51.0 76.6
 175 4.7 3.9 5.9





#69
 p-Isopropyltoluene
 Concen: 8.583 ppbv
 RT: 17.67 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 14:05

Tot Ion:	119	Resp:	5375068
Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.6	30.8
91	30.7	25.0	37.6

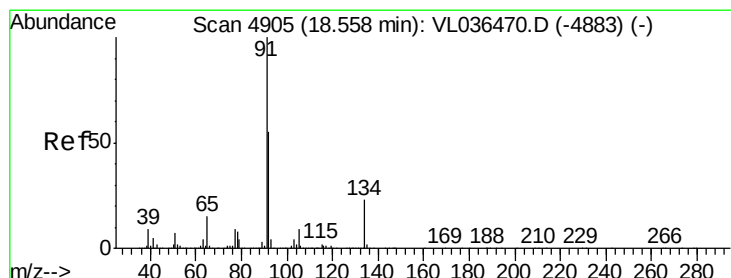
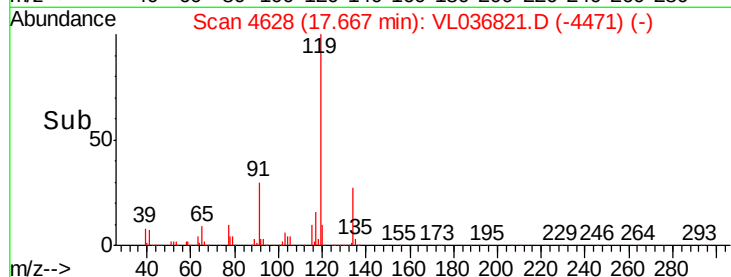
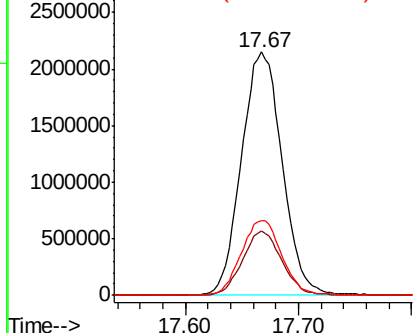


Abundance

Ion 119.10 (118.80 to 119.80): V

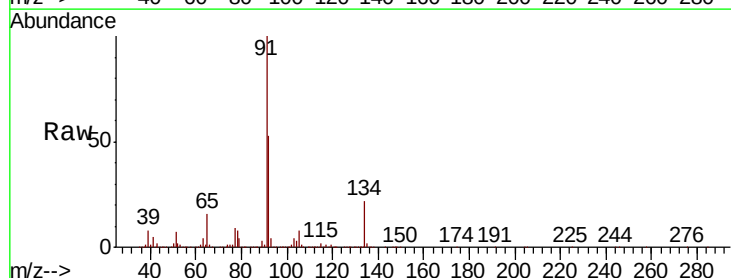
Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70
 n-Butylbenzene
 Concen: 8.545 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T. 0.01 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion:	91	Resp:	5548959
Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.8	65.8
134	22.1	18.0	27.0

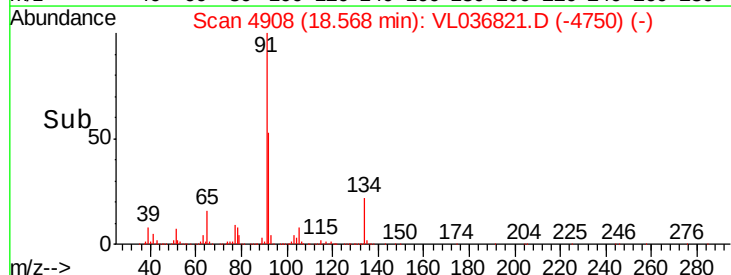
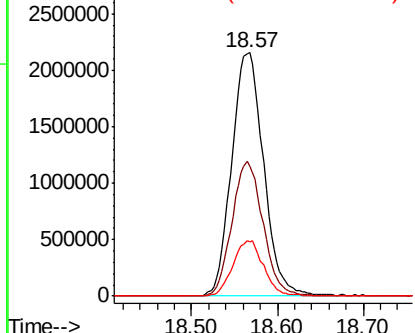


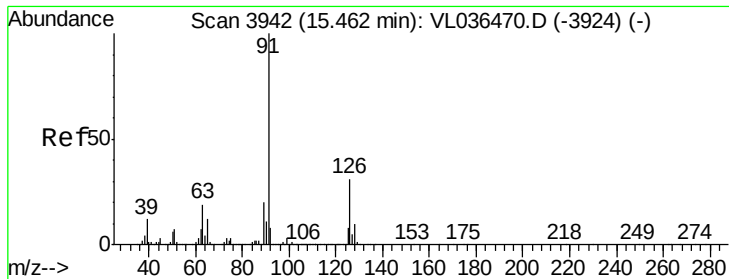
Abundance

Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

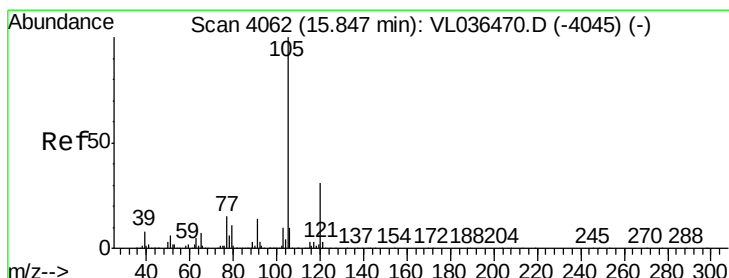
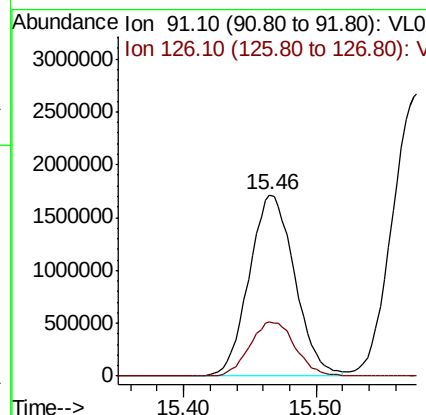
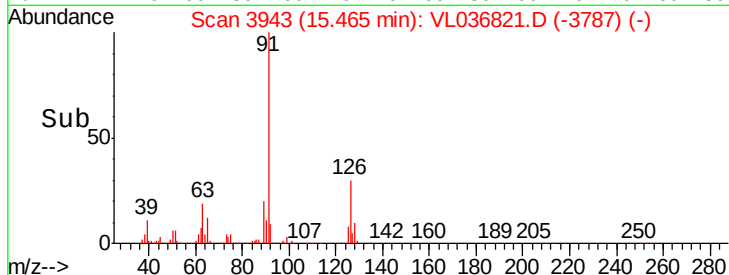
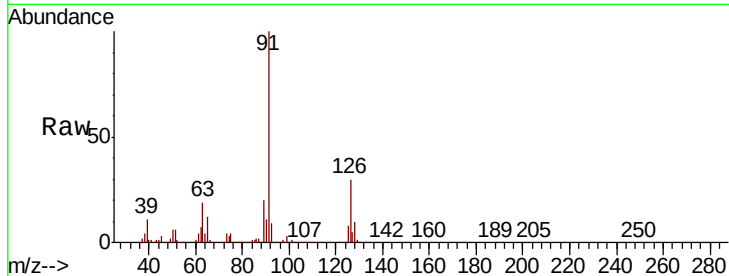
Ion 134.20 (133.90 to 134.90): V





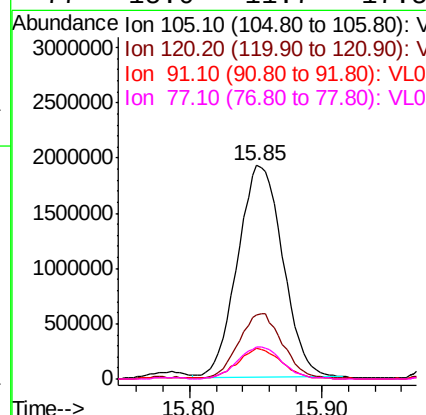
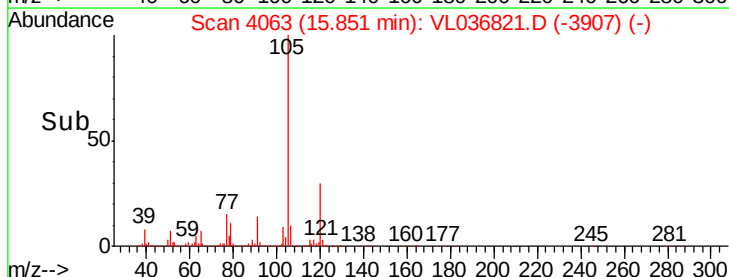
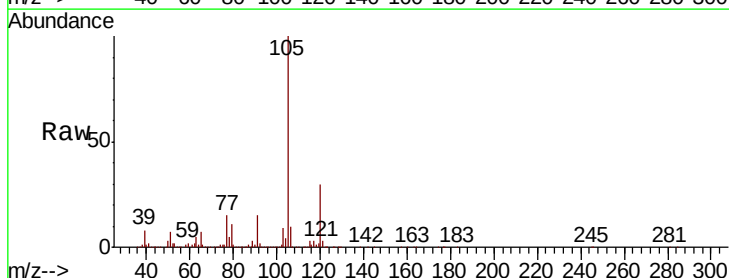
#71
 2-Chlorotoluene
 Concen: 8.352 ppbv
 RT: 15.46 min
 Delta R.T. 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

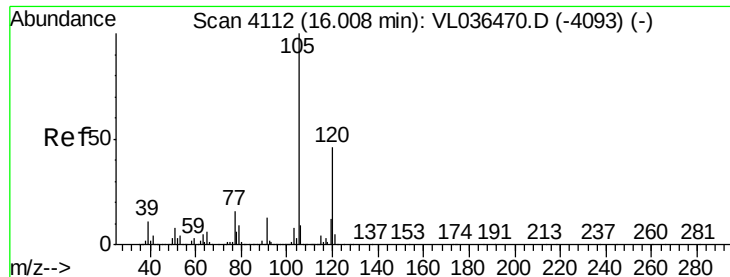
Tot Ion: 91 Resp: 4100632
 Ion Ratio Lower Upper
 91 100
 126 30.2 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 8.528 ppbv
 RT: 15.85 min Scan# 4063
 Delta R.T. 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

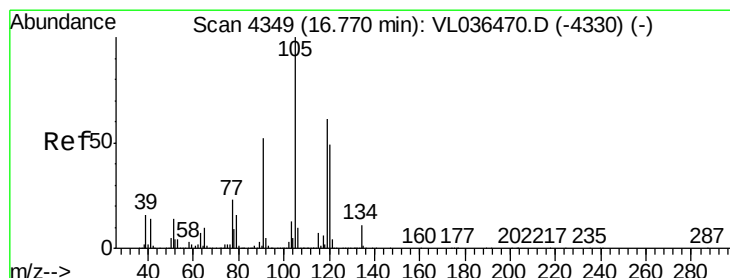
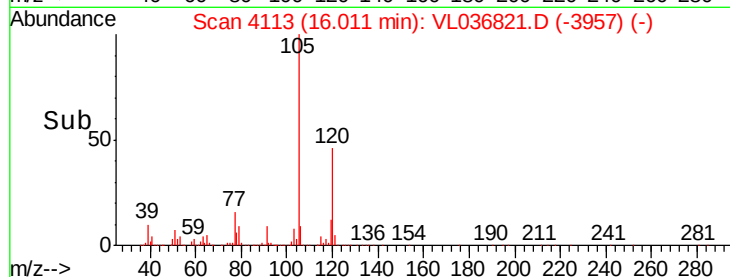
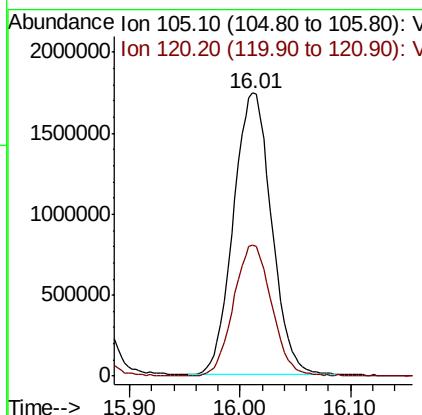
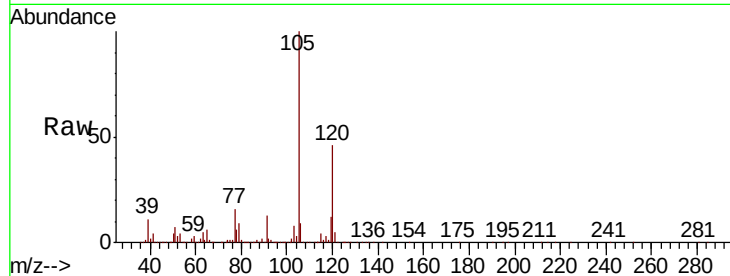
Tgt Ion: 105 Resp: 4546642
 Ion Ratio Lower Upper
 105 100
 120 30.2 24.0 36.0
 91 13.9 11.0 16.4
 77 15.0 11.7 17.5





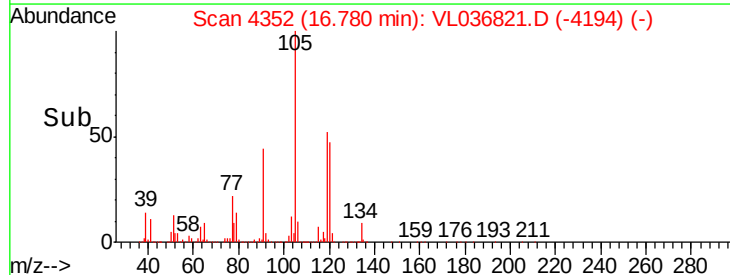
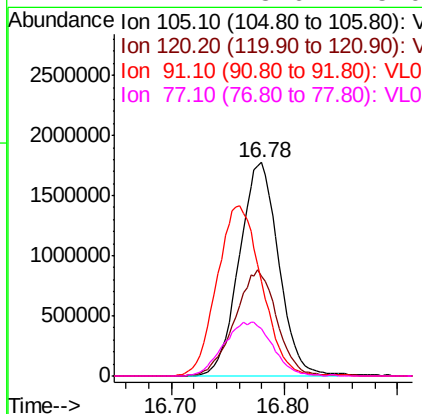
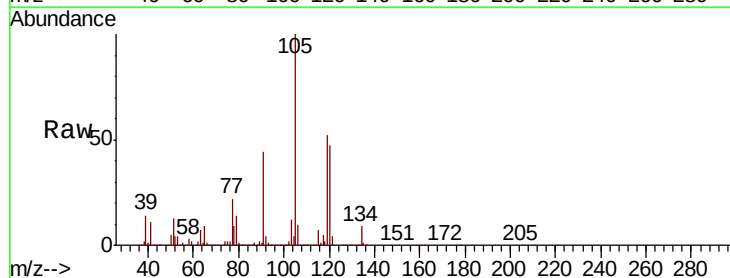
#73
 1,3,5-Trimethylbenzene
 Concen: 8.421 ppbv
 RT: 16.01 min
 Delta R.T. 0.01 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

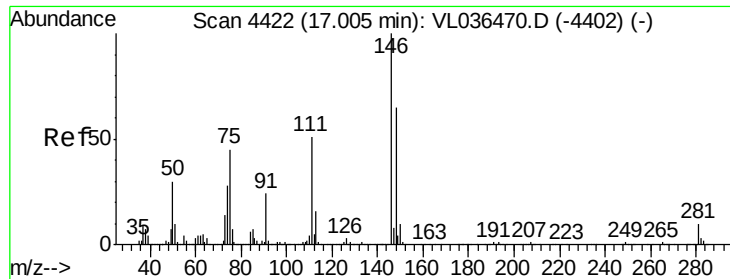
Tot Ion:105 Resp: 4190330
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.6 54.8



#74
 1,2,4-Trimethylbenzene
 Concen: 8.064 ppbv
 RT: 16.78 min Scan# 4352
 Delta R.T. 0.01 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

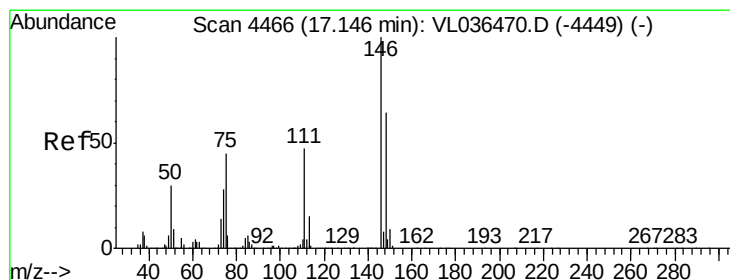
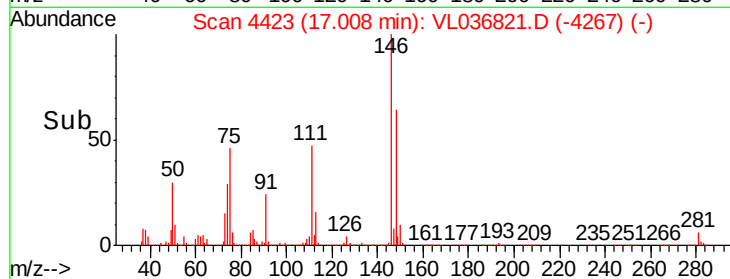
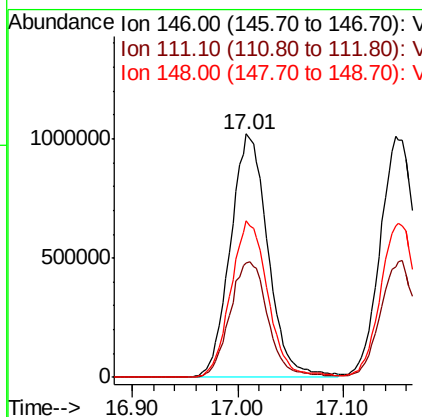
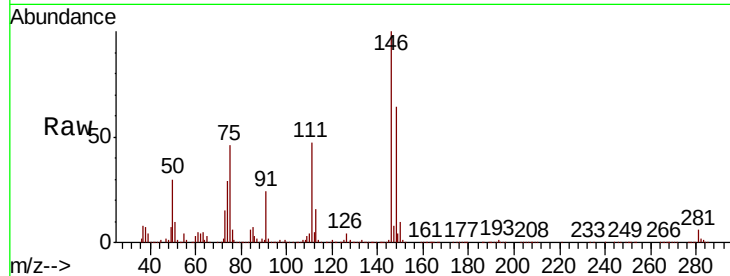
Tgt Ion:105 Resp: 4294324
 Ion Ratio Lower Upper
 105 100
 120 46.5 39.2 58.8
 91 44.1 42.6 64.0
 77 22.1 18.6 28.0





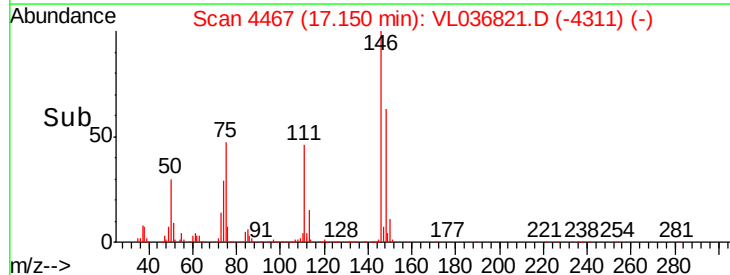
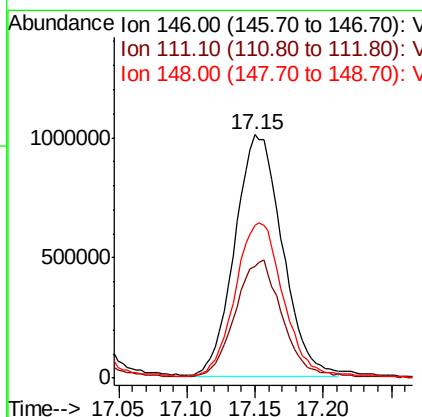
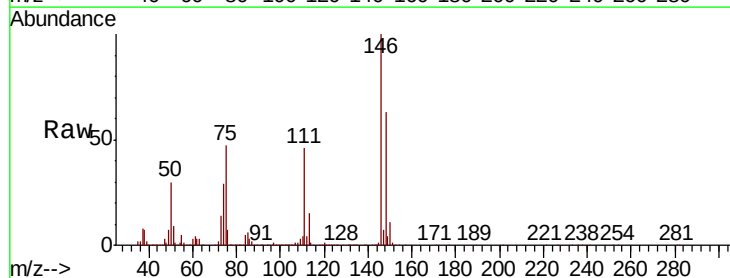
#75
 1,3-Dichlorobenzene
 Concen: 8.394 ppbv
 RT: 17.01 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 14:05

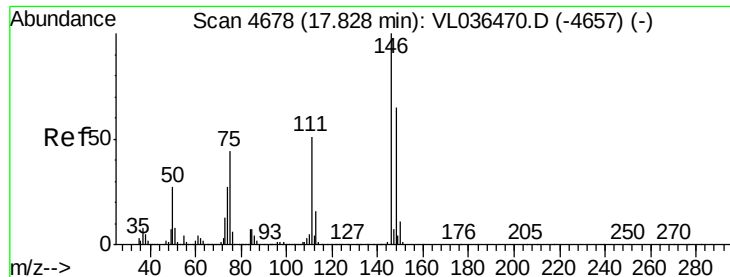
Tot Ion	Ratio	Lower	Upper
146	100		
111	48.2	24.5	73.5
148	63.9	32.3	96.9



#76
 1,4-Dichlorobenzene
 Concen: 8.186 ppbv
 RT: 17.15 min Scan# 4467
 Delta R.T. 0.00 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

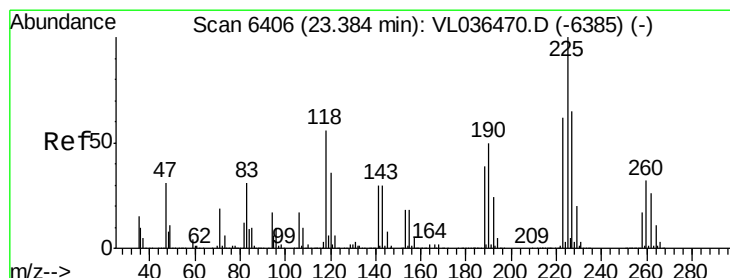
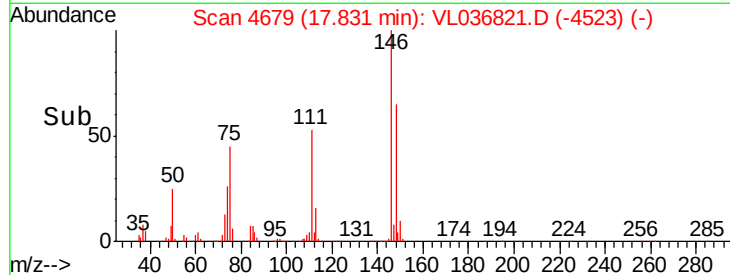
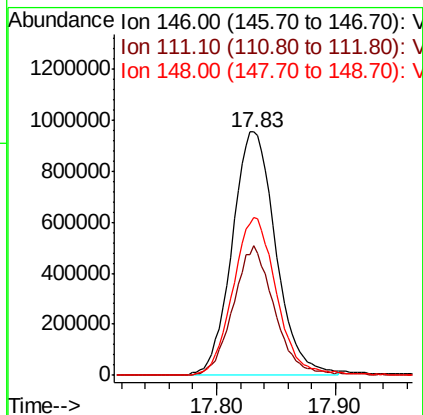
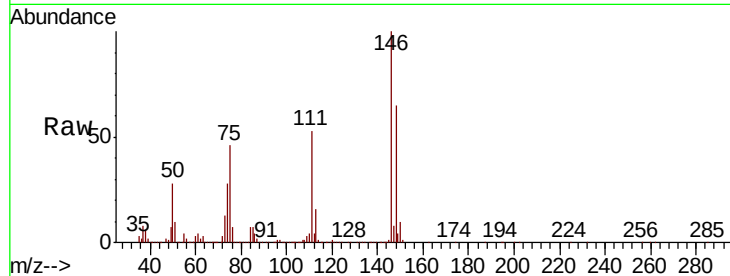
Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.7	24.3	72.8
148	65.7	33.0	98.9





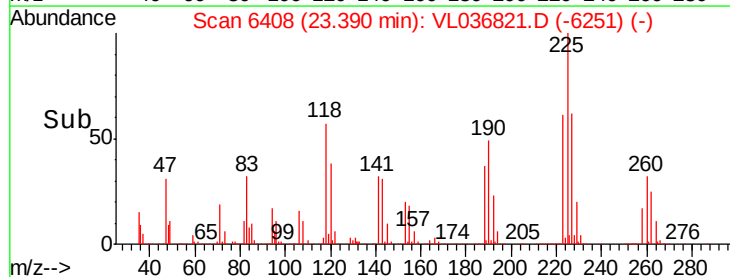
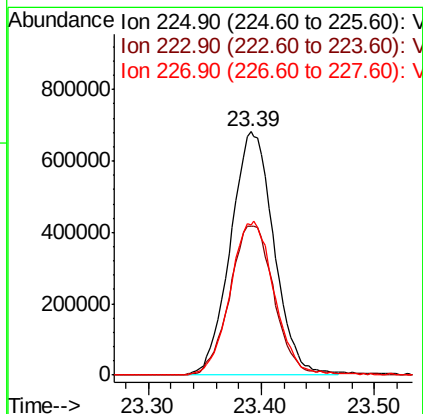
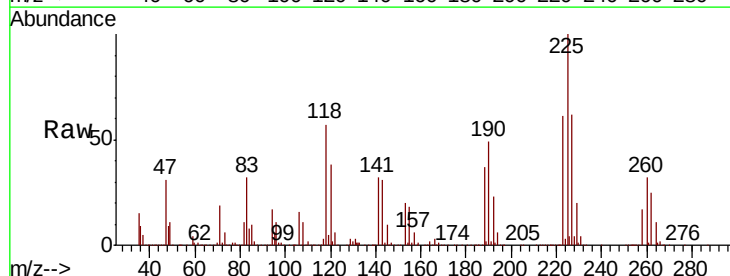
#77
 1,2-Dichlorobenzene
 Concen: 8.538 ppbv
 RT: 17.83 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 14:05

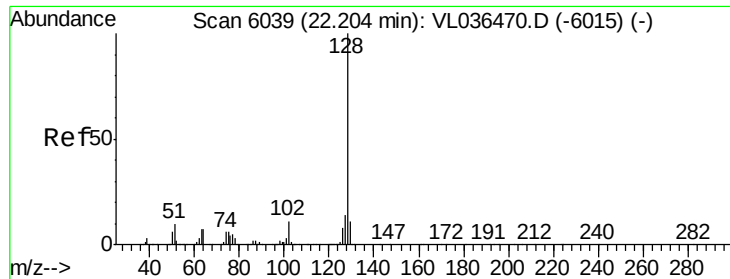
Tot Ion:146 Resp: 2405596
 Ion Ratio Lower Upper
 146 100
 111 50.5 25.5 76.5
 148 65.0 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.135 ppbv
 RT: 23.39 min Scan# 6408
 Delta R.T. 0.01 min
 Lab File: VL036821.D
 Acq: 20 Apr 2021 14:05

Tgt Ion:225 Resp: 1800313
 Ion Ratio Lower Upper
 225 100
 223 64.0 50.6 75.8
 227 64.8 52.2 78.2





#79

Naphthalene

Concen: 9.297 ppbv

RT: 22.21 min

Delta R.T. MSVOA_L

Lab File:

Acq: 20 Apr 2021 14:05

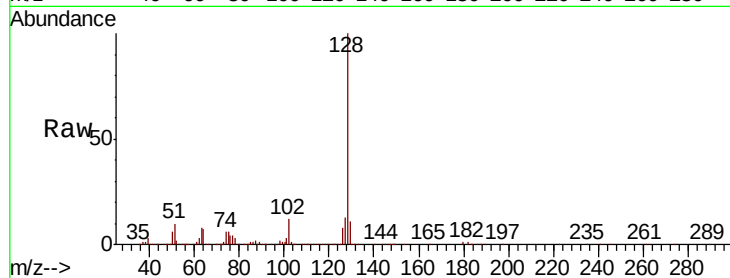
Tot Ion:128 Resp: 2888890

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

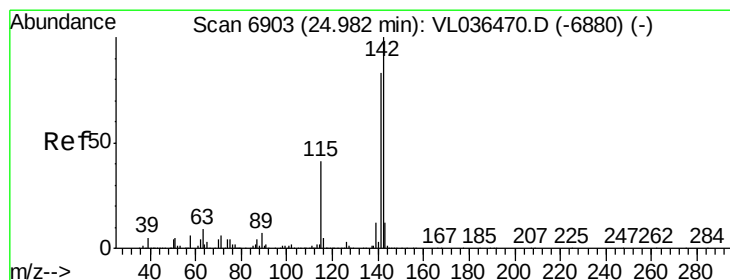
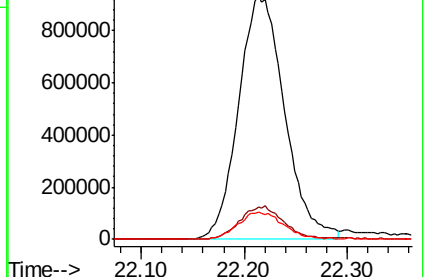
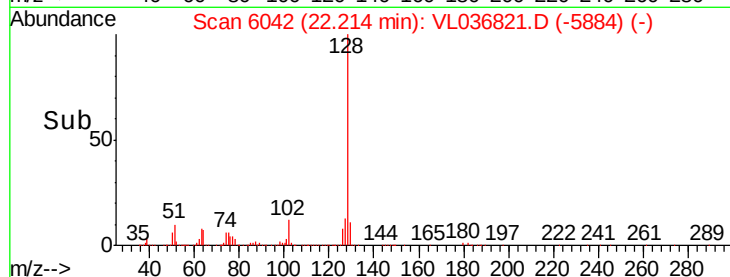
129 11.4 9.0 13.4



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: 9.089 ppbv

RT: 24.99 min Scan# 6905

Delta R.T. 0.01 min

Lab File: VL036821.D

Acq: 20 Apr 2021 14:05

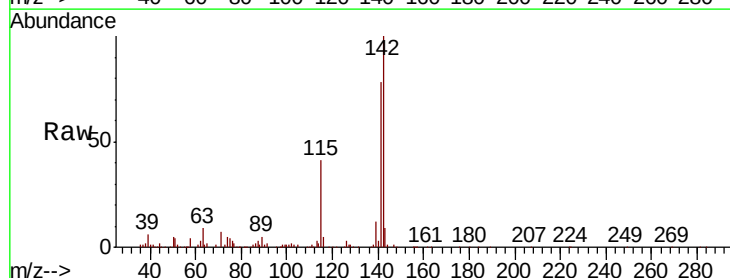
Tgt Ion:142 Resp: 556923

Ion Ratio Lower Upper

142 100

141 87.0 67.8 101.8

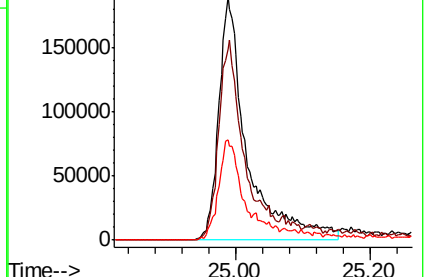
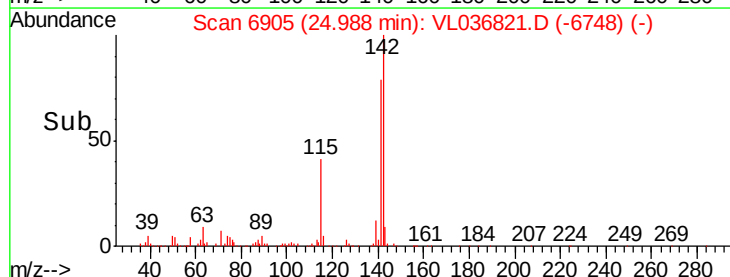
115 40.7 34.0 51.0

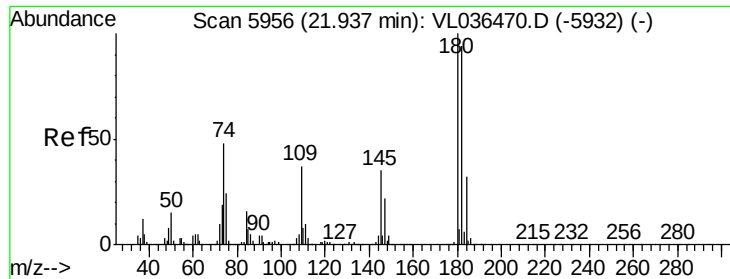


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 8.891 ppbv

RT: 21.95

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 14:05

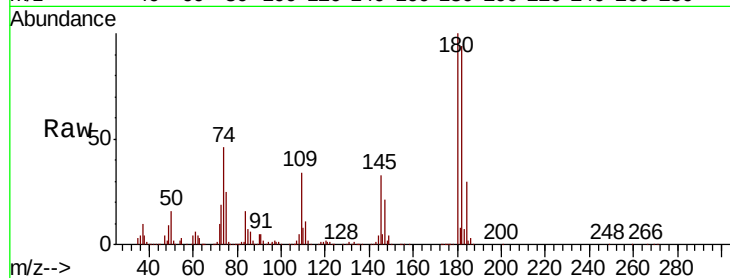
Tot Ion:180 Resp: 1705668

Ion Ratio Lower Upper

180 100

182 99.6 80.8 121.2

184 31.9 25.0 37.4



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

