

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036910.D
 Acq On : 6 May 2021 19:14
 Operator : SY/AP
 Sample : VL0506ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0506ABS01

Quant Time: May 07 08:14:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1456020	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3742306	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	4388479	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2840367	8.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2207681	9.628 ppbv	97
3) Chlorodifluoromethane	2.99	51	2778604	10.477 ppbv	100
4) Chloromethane	3.15	50	970550	11.134 ppbv	92
5) Vinyl Chloride	3.26	62	950372	10.809 ppbv	97
6) Bromomethane	3.48	94	517502	10.945 ppbv	99
7) Chloroethane	3.56	64	333253	11.534 ppbv	97
8) Dichlorotetrafluoroethane	3.19	85	2234683	10.684 ppbv	99
9) Propene	3.02	41	950682	11.763 ppbv	98
10) Heptane	8.13	43	2317464	11.402 ppbv	97
11) Trichlorofluoromethane	3.95	101	2182083	10.661 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1484893	10.839 ppbv	100
13) Ethanol	3.61	45	31760	3.082 ppbv #	34
14) Bromoethene	3.74	108	653048	11.668 ppbv	97
15) Acetone	3.86	43	1171326	8.535 ppbv	98
16) 1,3-Butadiene	3.33	39	966492	11.014 ppbv	98
17) tert-Butyl alcohol	4.30	59	1295669	11.632 ppbv	99
18) 1,1-Dichloroethene	4.29	96	654423	10.992 ppbv	99
19) Isopropyl Alcohol	3.98	45	769623	11.319 ppbv	99
20) Methylene Chloride	4.35	84	554969	8.457 ppbv	91
21) Allyl Chloride	4.42	41	1121699	11.000 ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	647105	10.831 ppbv	97
23) Vinyl Acetate	5.08	43	2547356	13.646 ppbv	98
24) 1,1-Dichloroethane	5.02	63	1724241	13.011 ppbv	99
25) Ethyl Acetate	5.69	43	3547993	10.584 ppbv	99
26) Hexane	5.70	57	1671694	10.659 ppbv	96
27) Carbon Disulfide	4.56	76	1652086	12.127 ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	1991613	14.326 ppbv	100
29) Chloroform	5.76	83	2651524	10.844 ppbv	100
30) Cyclohexane	7.14	84	1436436	11.549 ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	1687478	11.987 ppbv	98
32) 1,1,1-Trichloroethane	6.52	97	2699461	10.857 ppbv	99
34) 2-Butanone	5.26	43	1766136	10.774 ppbv	97
35) Carbon Tetrachloride	7.02	117	2812274	11.075 ppbv	94
36) Benzene	6.90	78	3583652	11.366 ppbv	98
37) 1,2-Dichloroethane	6.31	62	2001444	11.209 ppbv	99
38) Trichloroethene	7.84	130	1276524	11.371 ppbv	99
39) 1,2-Dichloropropane	7.62	63	1382143	10.941 ppbv	96
40) 1,4-Dioxane	7.84	88	296668	9.726 ppbv	77
41) Tetrahydrofuran	6.06	42	867743	12.101 ppbv	99
42) Bromodichloromethane	7.80	83	2864507	11.547 ppbv	98
43) Methyl Methacrylate	8.02	69	1277484	12.417 ppbv	97

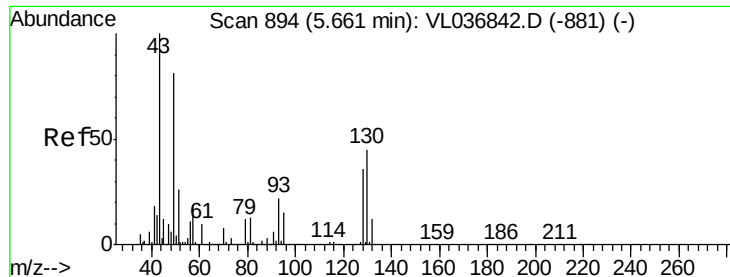
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036910.D
 Acq On : 6 May 2021 19:14
 Operator : SY/AP
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Quant Time: May 07 08:14:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
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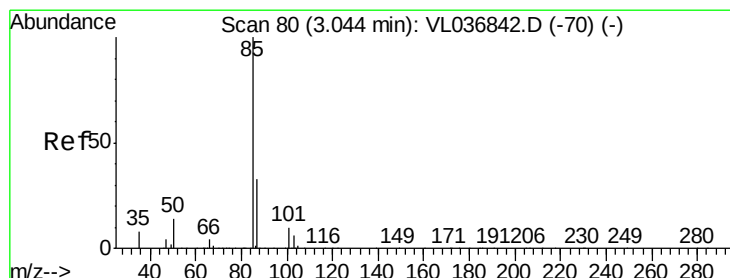
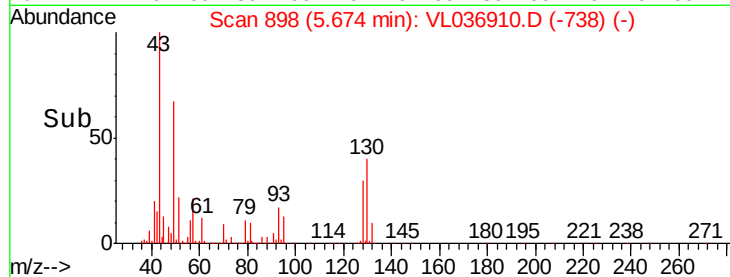
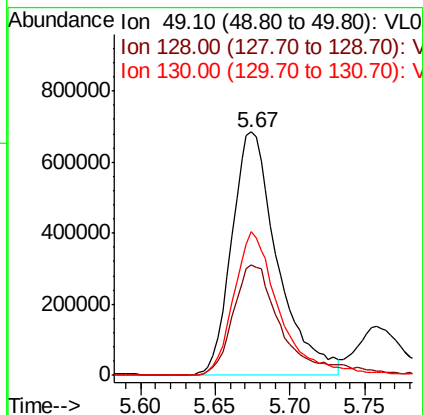
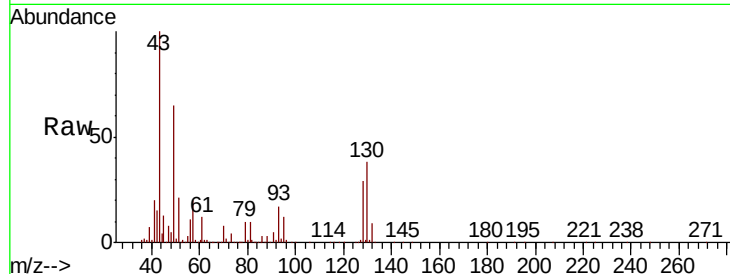
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5926110	10.967	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1433652	12.926	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1814863	12.762	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1419284	10.852	ppbv	99
48) Dibromochloromethane	10.31	129	2350867	12.131	ppbv	98
49) Bromoform	13.05	173	1870686	12.092	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2628620	11.731	ppbv	99
51) 2-Hexanone	10.14	43	1336720	11.961	ppbv #	95
52) Tetrachloroethene	11.23	164	1194963	11.130	ppbv	99
53) Toluene	9.81	91	3930995	11.915	ppbv	99
54) 1,2-Dibromoethane	10.62	107	2041330	11.056	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1562455	8.493	ppbv #	62
57) Chlorobenzene	12.15	112	2872556	8.404	ppbv	99
58) Ethyl Benzene	12.72	91	5185211	9.316	ppbv	99
59) m/p-Xylene	13.00	91	5127669	10.307	ppbv #	52
60) o-Xylene	13.70	91	4102984	8.530	ppbv	100
61) Styrene	13.53	104	2385770	10.561	ppbv	100
62) Isopropylbenzene	14.67	105	5574113	8.517	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	3018093	7.827	ppbv	100
64) n-propylbenzene	15.57	120	1472406	9.027	ppbv	99
65) tert-Butylbenzene	16.75	119	4877107	8.428	ppbv	99
66) Benzyl Chloride	16.99	91	493797	8.728	ppbv	99
67) sec-Butylbenzene	17.30	105	6859410	8.537	ppbv	100
69) p-Isopropyltoluene	17.66	119	5657935	8.783	ppbv	99
70) n-Butylbenzene	18.55	91	5763184	8.876	ppbv	99
71) 2-Chlorotoluene	15.46	91	4312305	8.897	ppbv	100
72) 4-Ethyltoluene	15.84	105	4864412	9.422	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	4398688	8.785	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	4500095	8.461	ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	2627660	8.357	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2502664	8.134	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2509930	8.173	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1804032	6.914	ppbv	99
79) Naphthalene	22.20	128	2807078	9.424	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	286022	8.707	ppbv	96
81) 1,2,4-Trichlorobenzene	21.93	180	1673266	8.684	ppbv	100

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



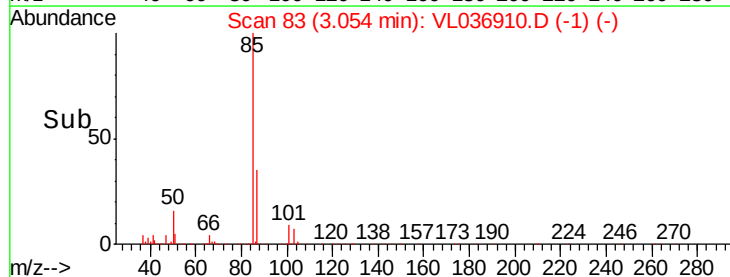
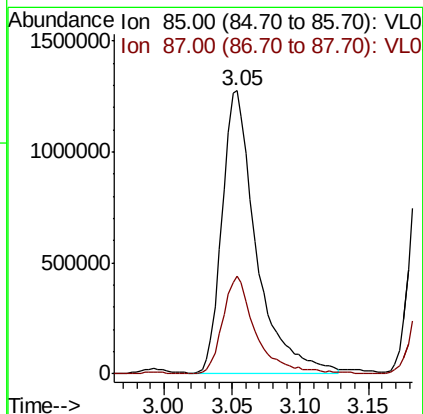
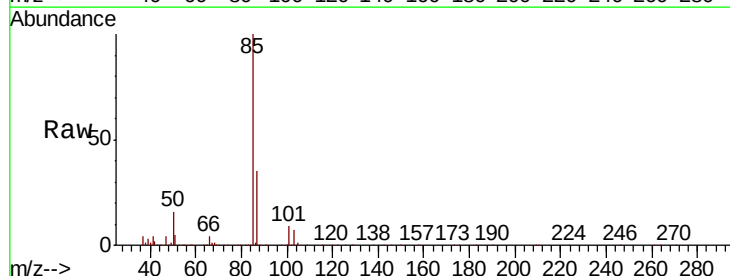
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0506ABS01
 Acq: 6 May 2021 19:14

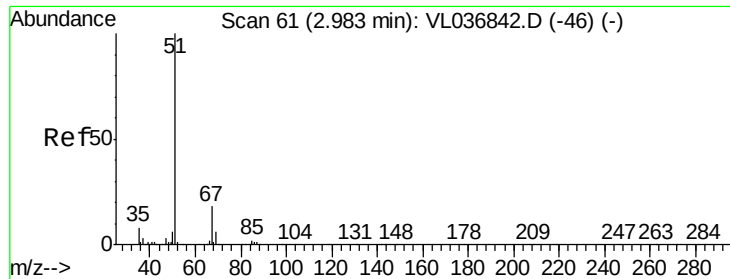
Tot Ion: 49 Resp: 1456020
 Ion Ratio Lower Upper
 49 100
 128 50.0 24.4 73.2
 130 59.7 30.3 90.8



#2
 Dichlorodifluoromethane
 Concen: 9.628 ppbv
 RT: 3.05 min Scan# 83
 Delta R.T.: 0.01 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

Tgt Ion: 85 Resp: 2207681
 Ion Ratio Lower Upper
 85 100
 87 34.7 26.2 39.2





#3

Chlorodifluoromethane

Concen: 10.477 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

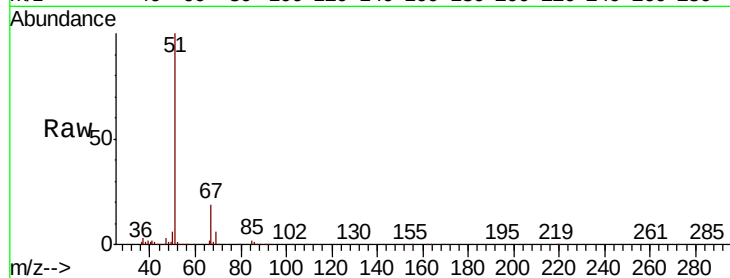
Acq: 6 May 2021 19:14

Tot Ion: 51 Resp: 2778604

Ion Ratio Lower Upper

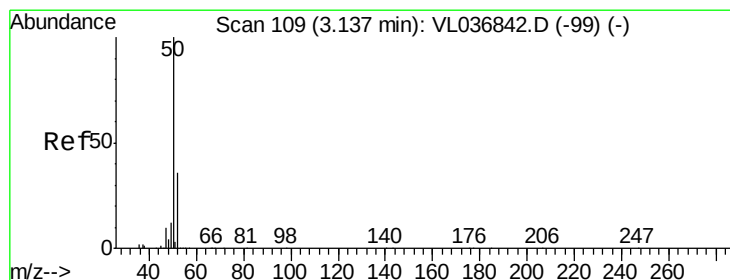
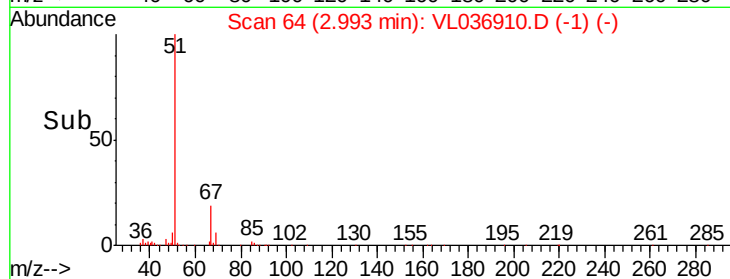
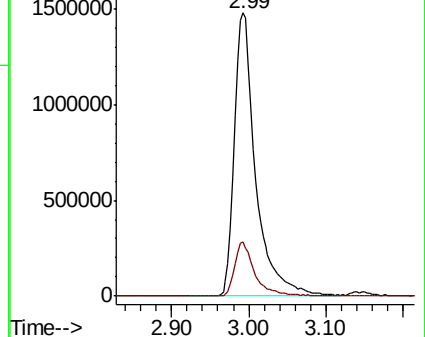
51 100

67 18.3 14.8 22.2



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 11.134 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL036910.D

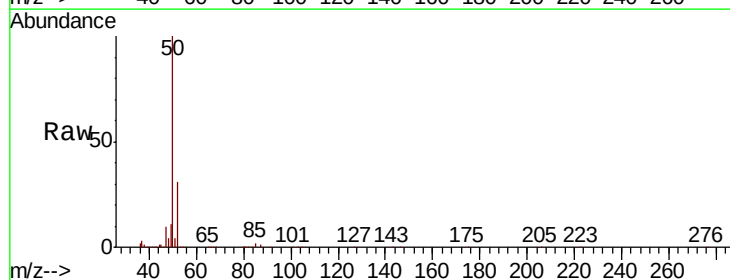
Acq: 6 May 2021 19:14

Tgt Ion: 50 Resp: 970550

Ion Ratio Lower Upper

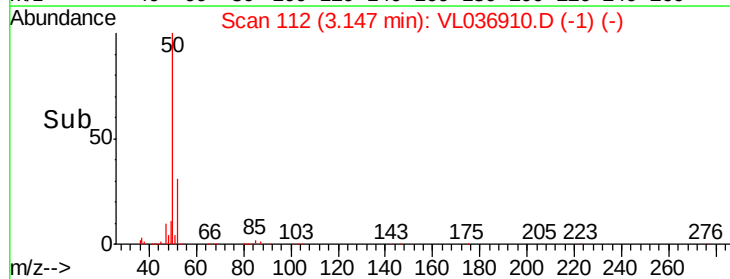
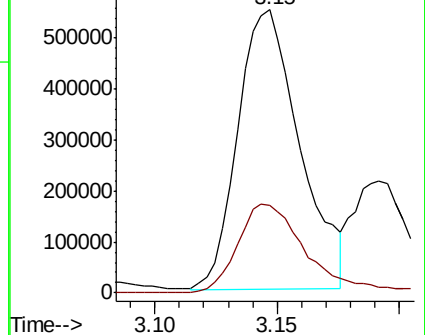
50 100

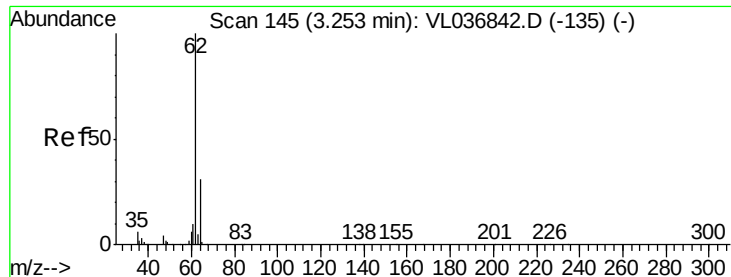
52 31.2 28.5 42.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.809 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

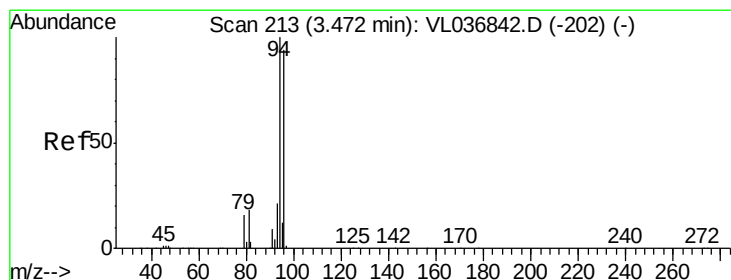
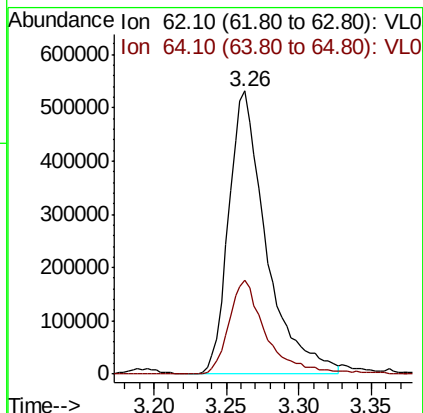
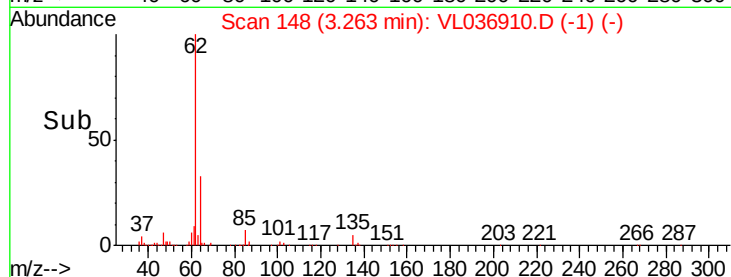
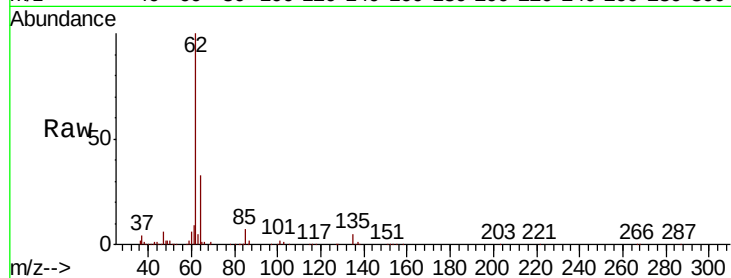
Acq: 6 May 2021 19:14

Tot Ion: 62 Resp: 950372

Ion Ratio Lower Upper

62 100

64 33.0 25.0 37.4



#6

Bromomethane

Concen: 10.945 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL036910.D

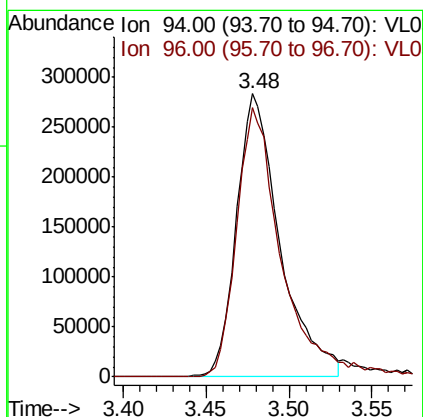
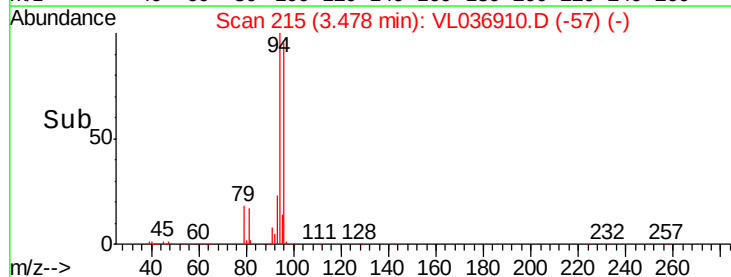
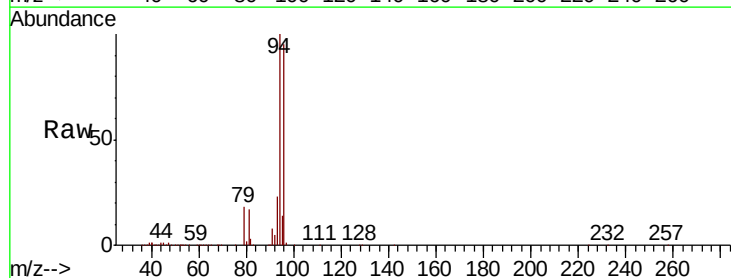
Acq: 6 May 2021 19:14

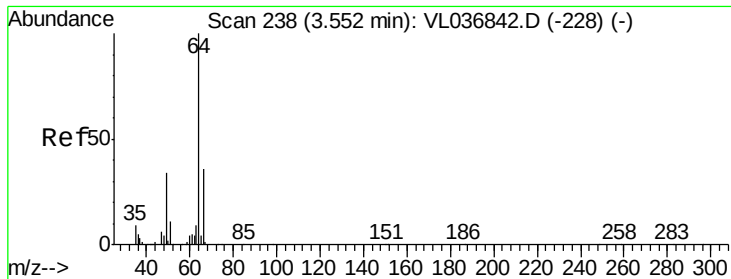
Tgt Ion: 94 Resp: 517502

Ion Ratio Lower Upper

94 100

96 95.1 75.4 113.0





#7

Chloroethane

Concen: 11.534 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

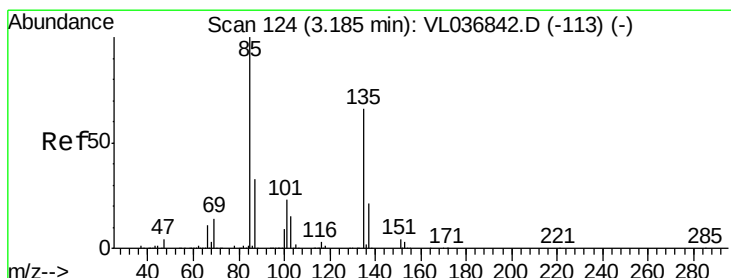
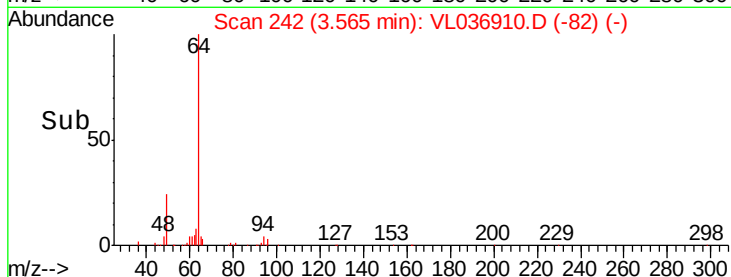
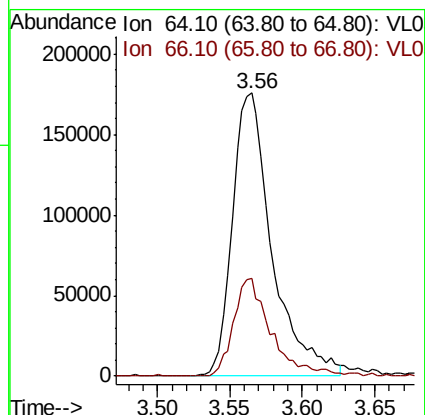
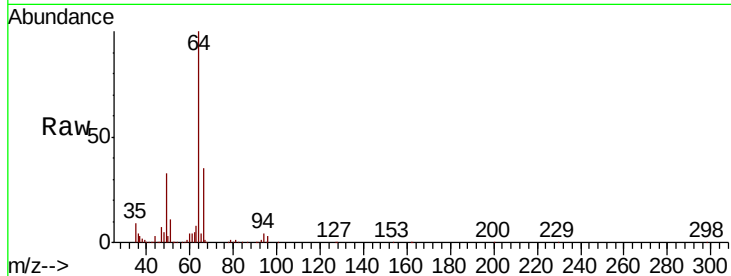
Acq: 6 May 2021 19:14 VL0506ABS01

Tot Ion: 64 Resp: 333253

Ion Ratio Lower Upper

64 100

66 34.7 29.0 43.6



#8

Dichlorotetrafluoroethane

Concen: 10.684 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036910.D

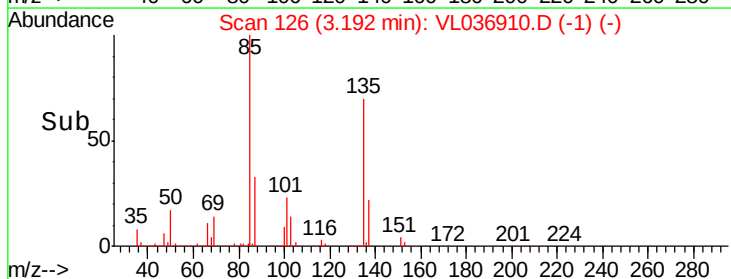
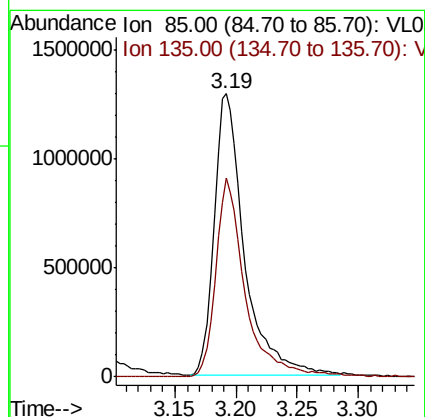
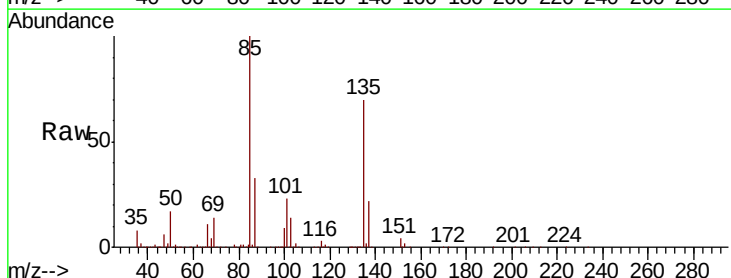
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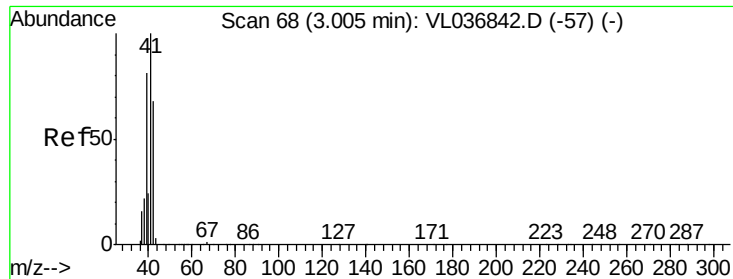
Tgt Ion: 85 Resp: 2234683

Ion Ratio Lower Upper

85 100

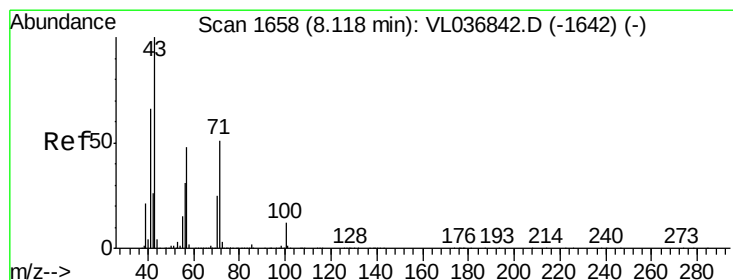
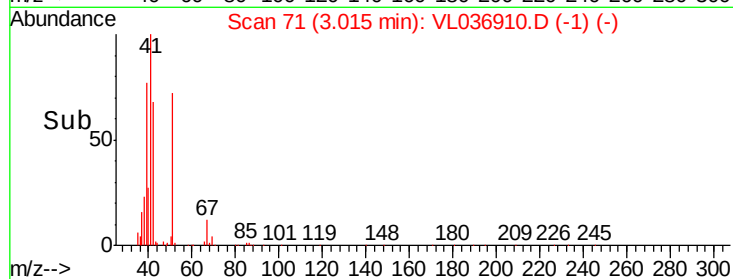
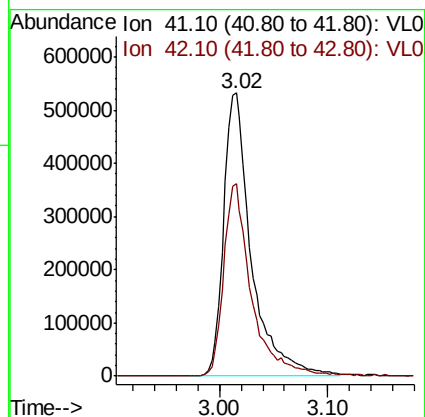
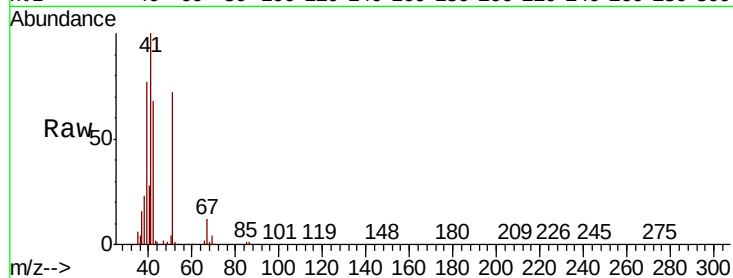
135 69.5 56.2 84.4





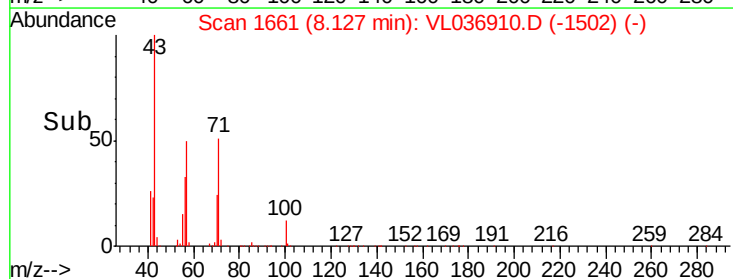
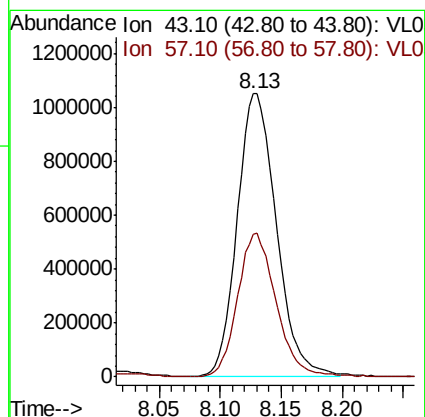
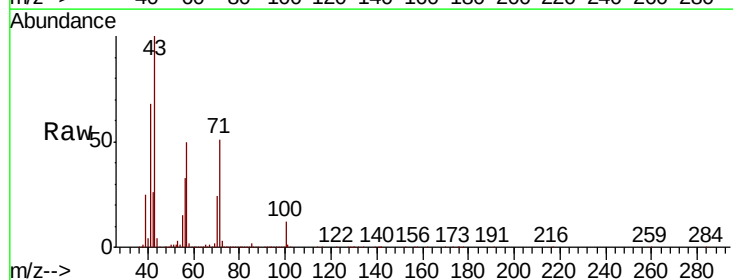
#9
 Propene
 Concen: 11.763 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0506ABS01
 Acq: 6 May 2021 19:14

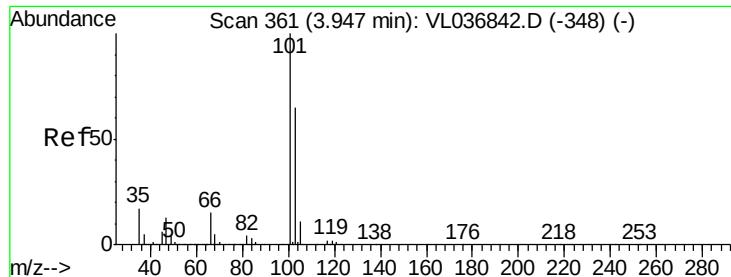
Tot Ion: 41 Resp: 950682
 Ion Ratio Lower Upper
 41 100
 42 68.5 56.0 84.0



#10
 Heptane
 Concen: 11.402 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

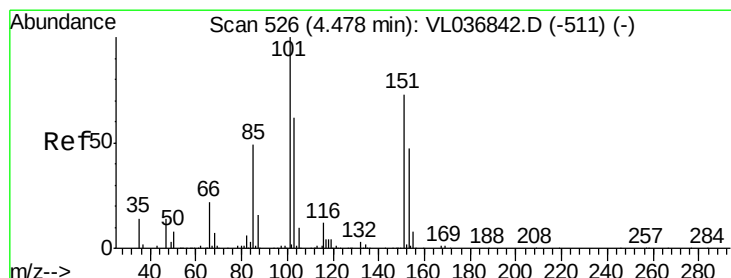
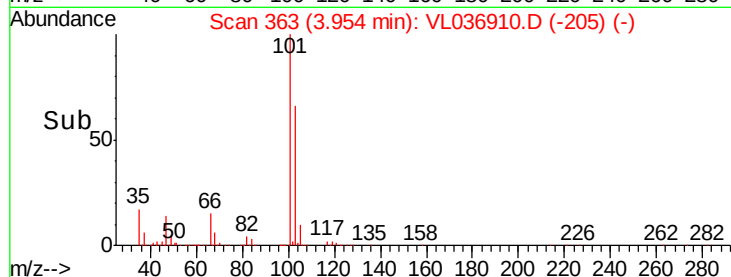
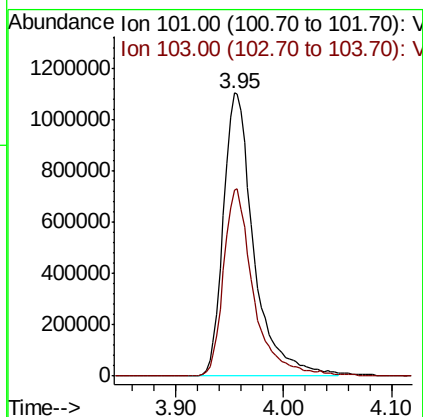
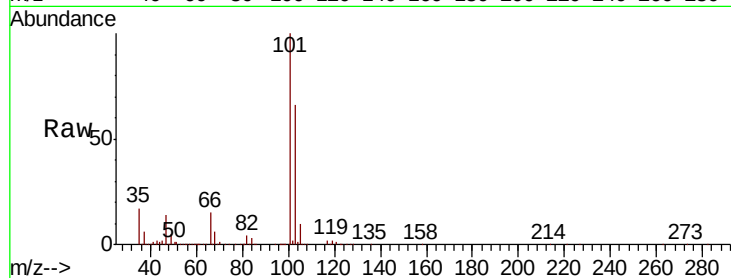
Tgt Ion: 43 Resp: 2317464
 Ion Ratio Lower Upper
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 57 50.3 38.8 58.2





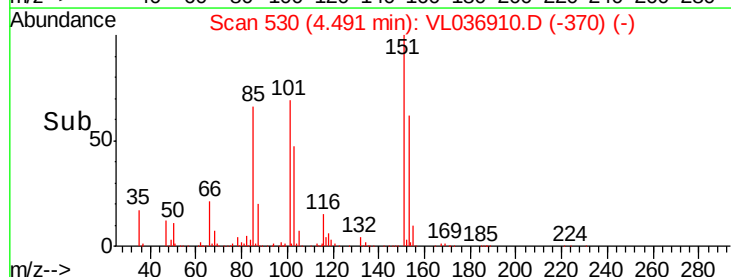
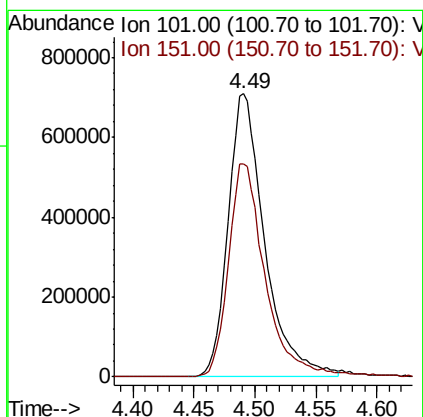
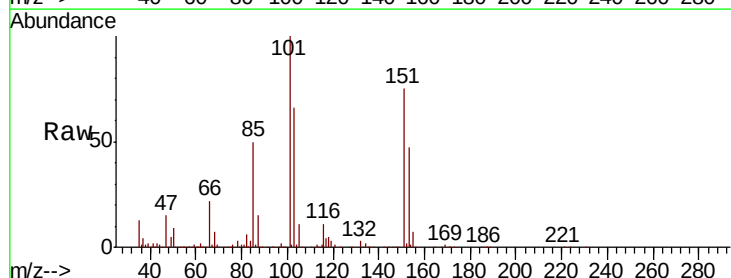
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 Trichlorofluoromethane
 Concen: 10.661 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VL0506ABS01
 Acq: 6 May 2021 19:14

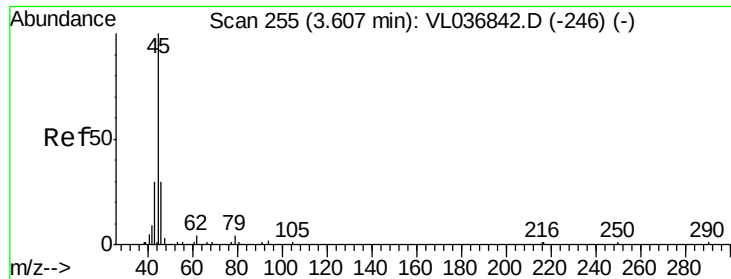
Tot Ion:101 Resp: 2182083
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.839 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T.: 0.01 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

Tgt Ion:101 Resp: 1484893
 Ion Ratio Lower Upper
 101 100
 151 76.1 61.1 91.7





#13

Ethanol

Concen: 3.082 ppbv

RT: 3.61 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

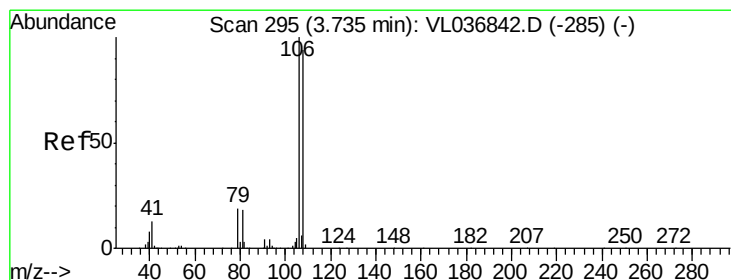
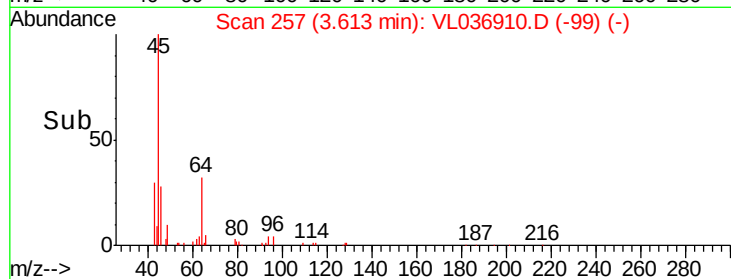
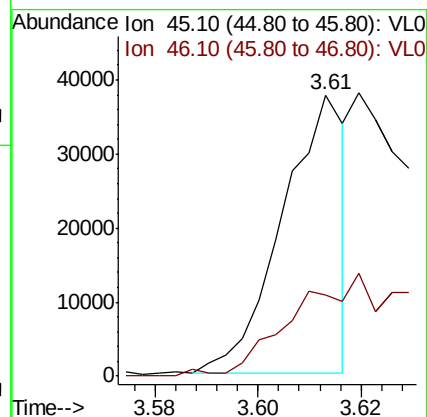
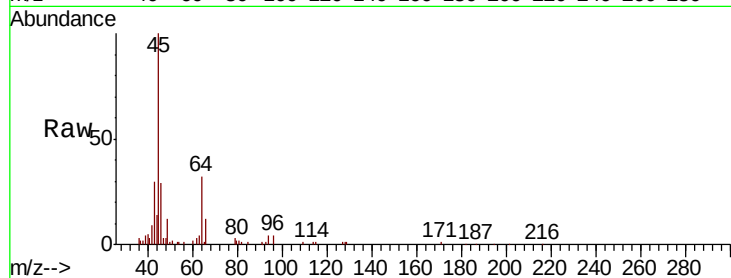
Acq: 6 May 2021 19:14

Tot Ion: 45 Resp: 31760

Ion Ratio Lower Upper

45 100

46 0.0 16.8 67.4#



#14

Bromoethene

Concen: 11.668 ppbv

RT: 3.74 min Scan# 298

Delta R.T. 0.01 min

Lab File: VL036910.D

Acq: 6 May 2021 19:14

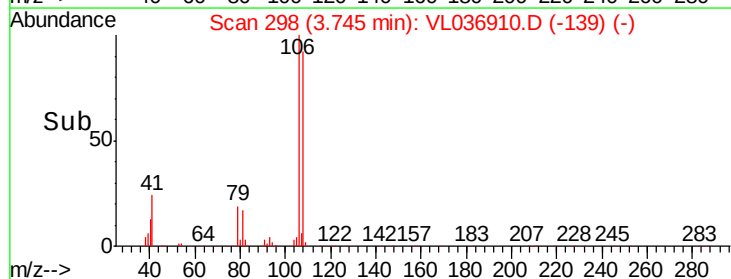
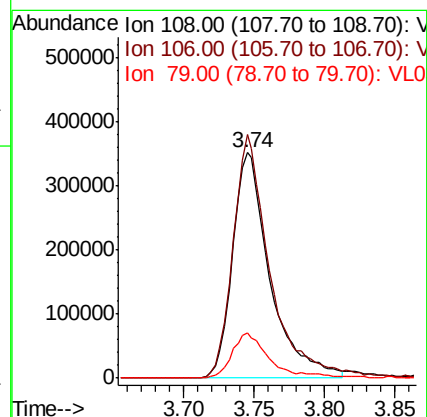
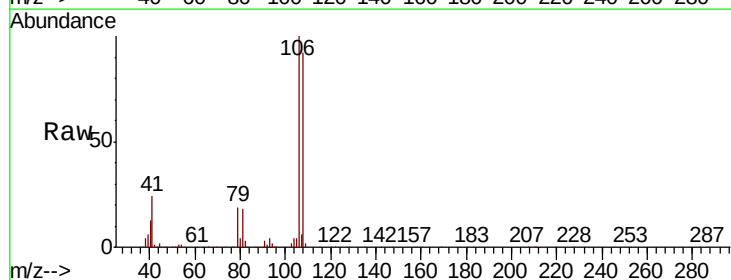
Tgt Ion: 108 Resp: 653048

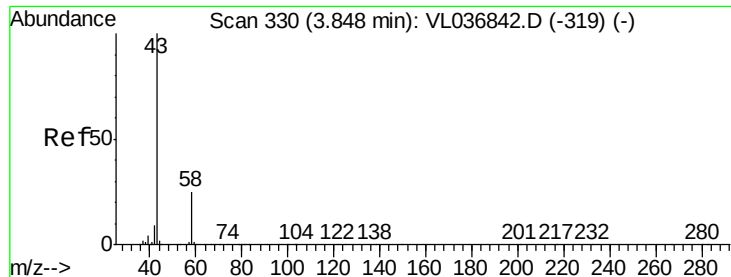
Ion Ratio Lower Upper

108 100

106 107.9 88.5 132.7

79 20.2 17.9 26.9





#15

Acetone

Concen: 8.535 ppbv

RT: 3.86 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0506ABS01

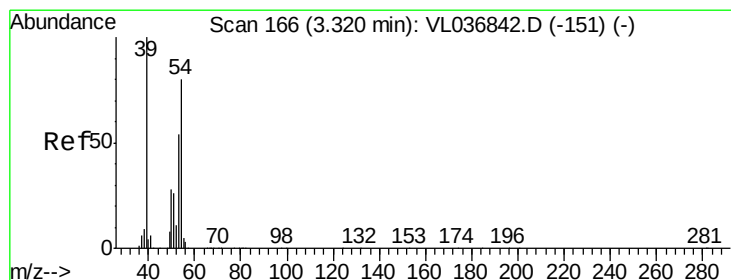
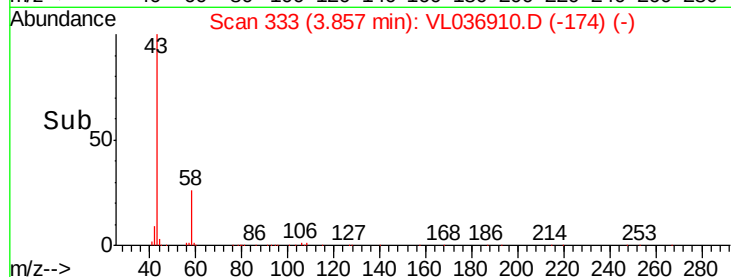
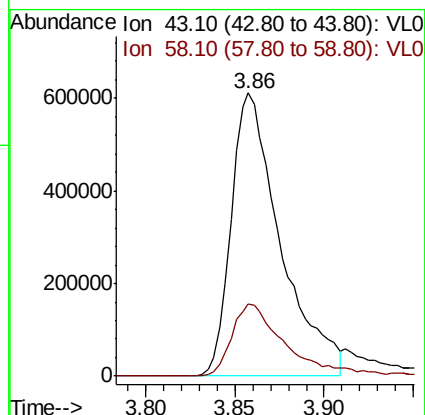
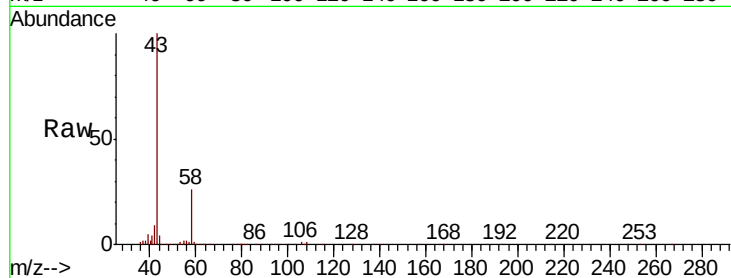
Acq: 6 May 2021 19:14

Tot Ion: 43 Resp: 1171326

Ion Ratio Lower Upper

43 100

58 28.3 21.7 32.5



#16

1,3-Butadiene

Concen: 11.014 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL036910.D

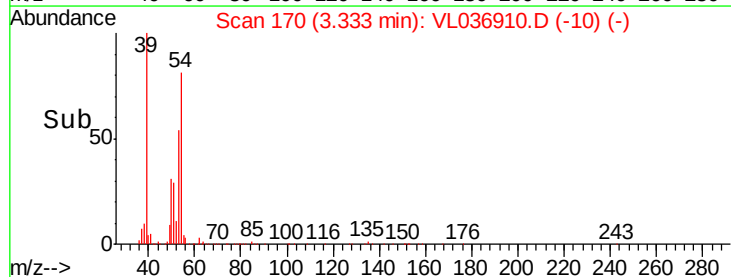
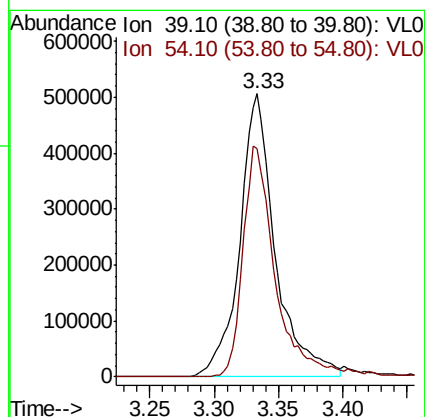
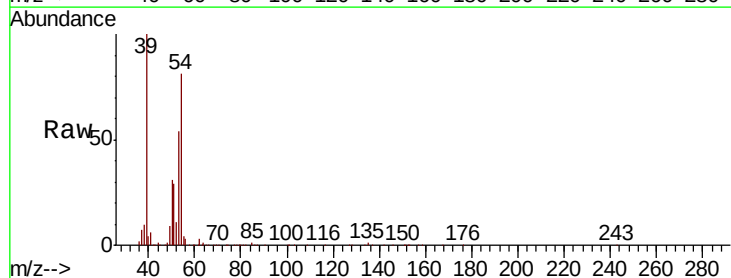
Acq: 6 May 2021 19:14

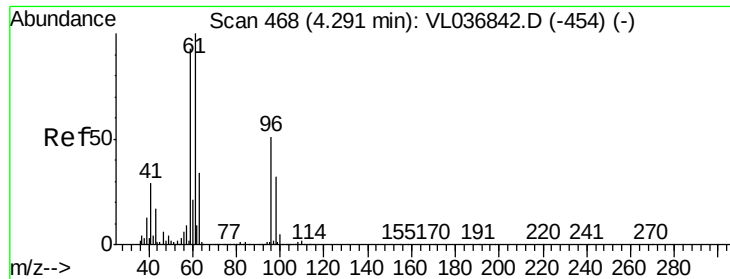
Tgt Ion: 39 Resp: 966492

Ion Ratio Lower Upper

39 100

54 76.1 59.6 89.4





#17

tert-Butyl alcohol

Concen: 11.632 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VL0506ABS01

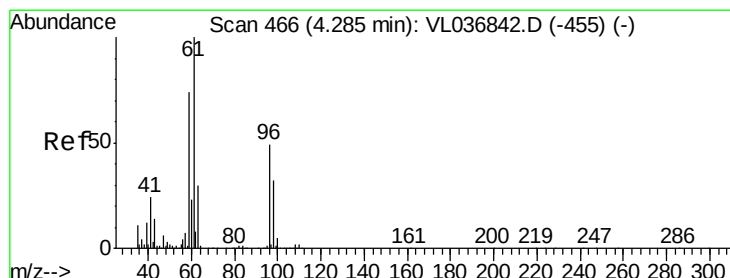
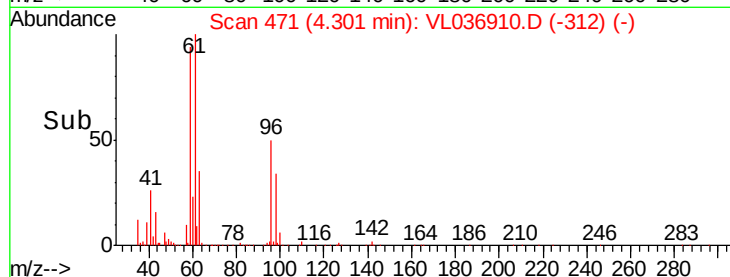
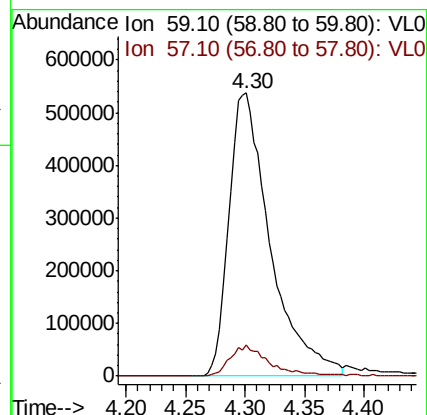
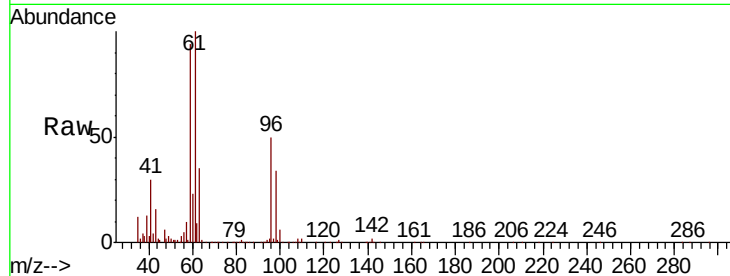
Acq: 6 May 2021 19:14

Tot Ion: 59 Resp: 1295669

Ion Ratio Lower Upper

59 100

57 10.9 8.3 12.5



#18

1,1-Dichloroethene

Concen: 10.992 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.01 min

Lab File: VL036910.D

Acq: 6 May 2021 19:14

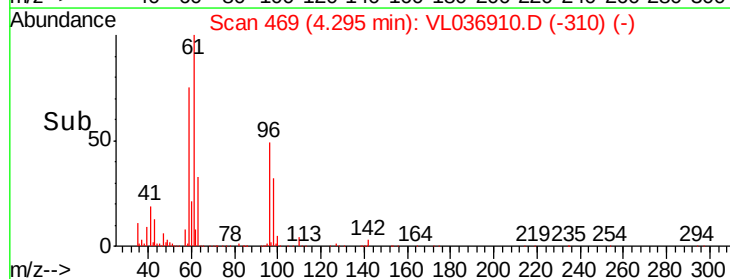
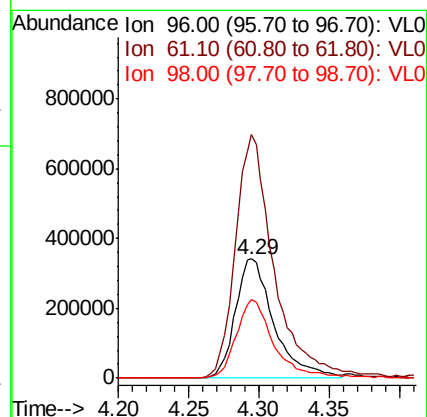
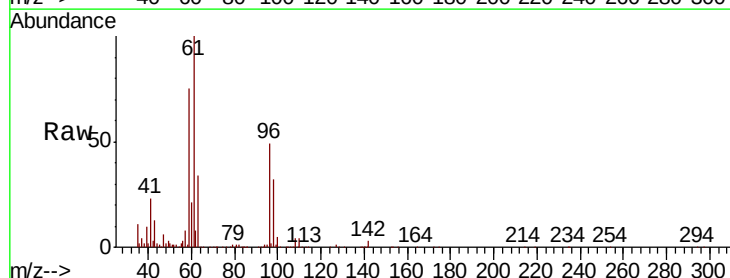
Tgt Ion: 96 Resp: 654423

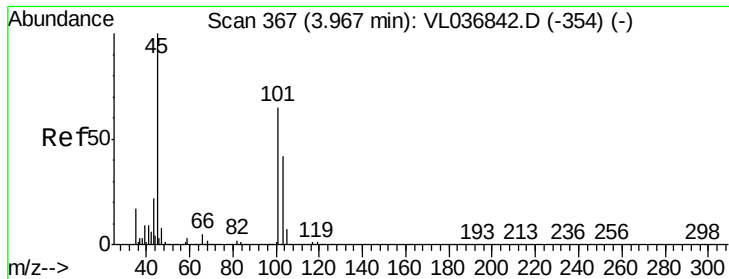
Ion Ratio Lower Upper

96 100

61 204.2 162.2 243.2

98 65.7 51.8 77.6





#19

Isopropyl Alcohol

Concen: 11.319 ppbv

RT: 3.98 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0506ABS01

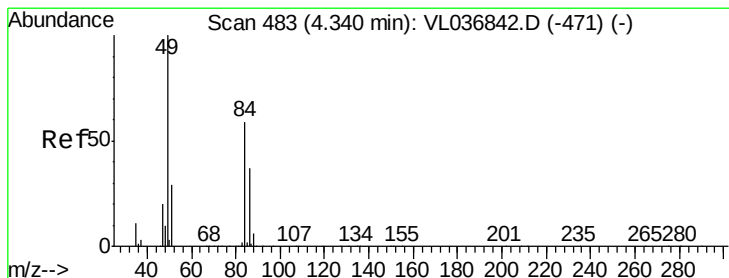
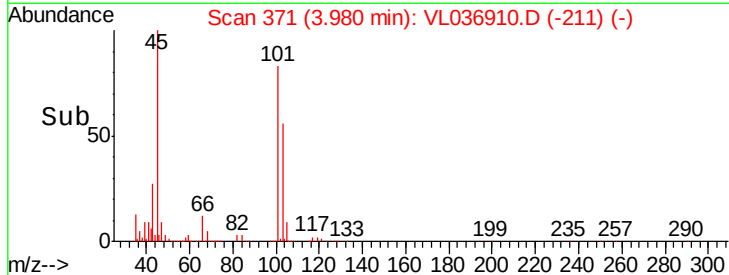
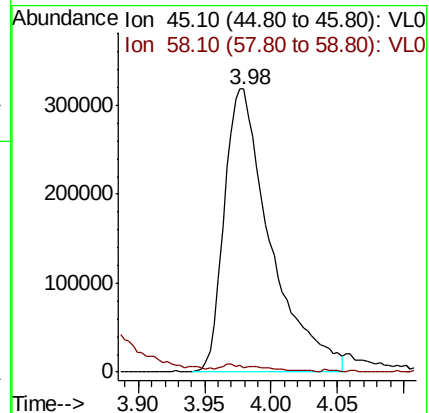
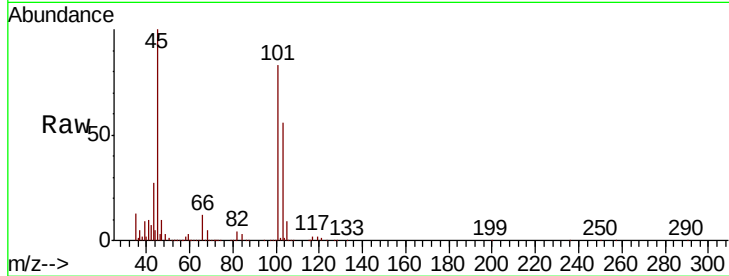
Acq: 6 May 2021 19:14

Tot Ion: 45 Resp: 769623

Ion Ratio Lower Upper

45 100

58 3.2 2.8 4.2



#20

Methylene Chloride

Concen: 8.457 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036910.D

Acq: 6 May 2021 19:14

Tgt Ion: 84 Resp: 554969

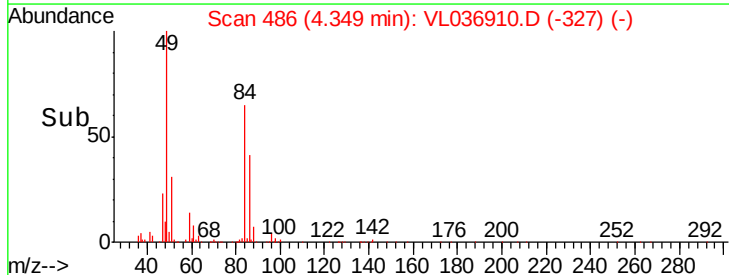
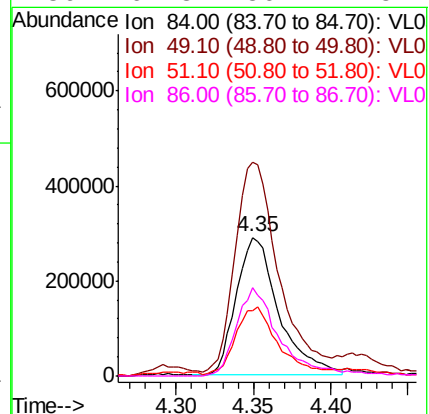
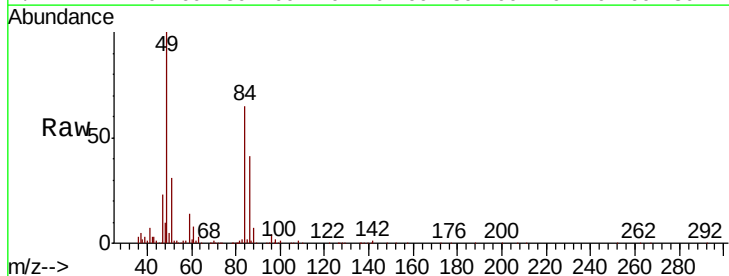
Ion Ratio Lower Upper

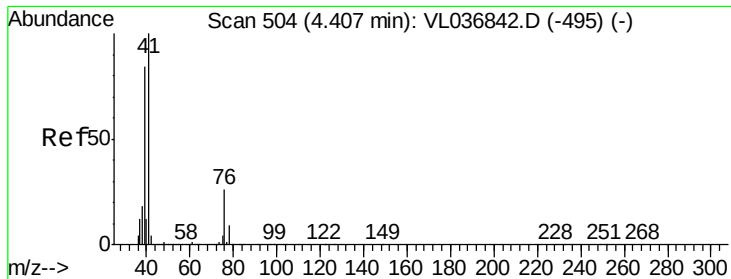
84 100

49 151.7 135.4 203.0

51 45.0 39.3 58.9

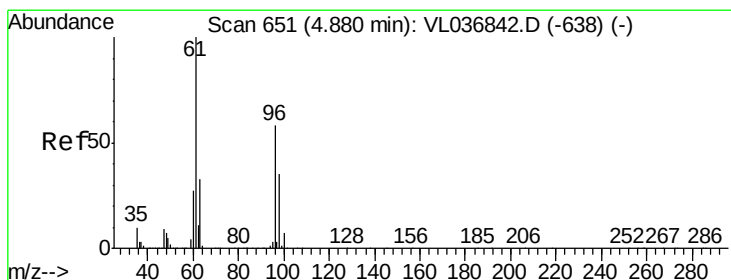
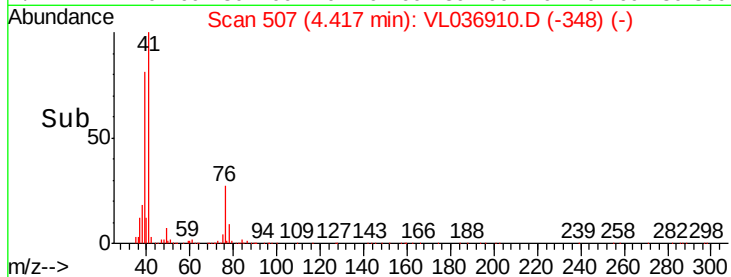
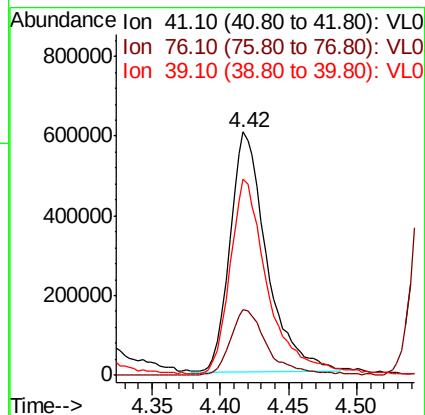
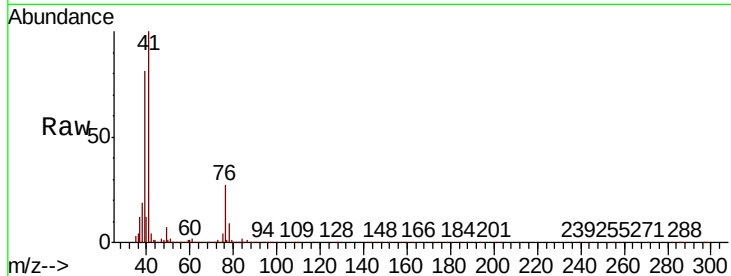
86 64.3 50.2 75.2





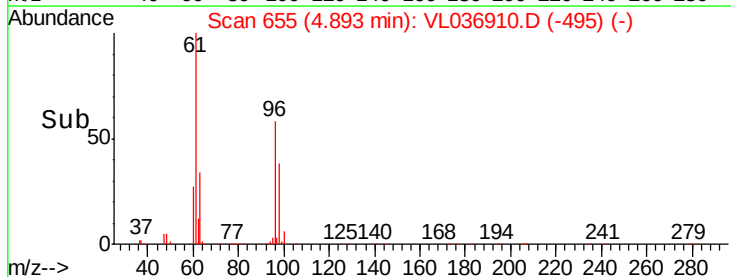
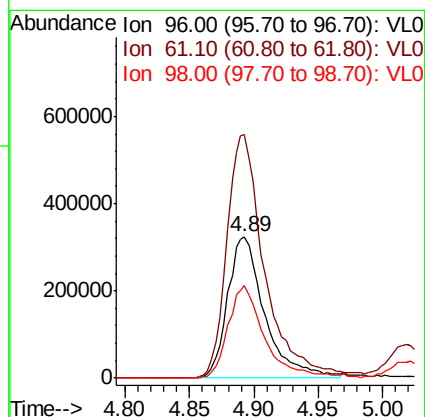
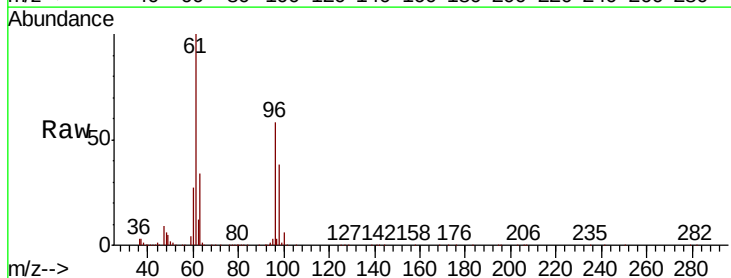
#21
 Allvl Chloride
 Concen: 11.000 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 19:14

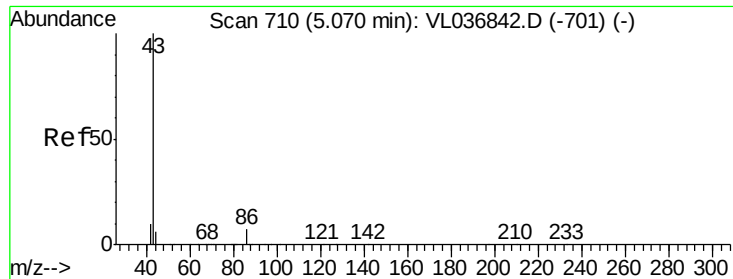
Tot Ion: 41 Resp: 1121699
 Ion Ratio Lower Upper
 41 100
 76 28.4 22.4 33.6
 39 83.5 68.4 102.6



#22
 trans-1,2-Dichloroethene
 Concen: 10.831 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

Tgt Ion: 96 Resp: 647105
 Ion Ratio Lower Upper
 96 100
 61 172.1 138.6 207.8
 98 65.7 48.1 72.1





#23

Vinyl Acetate

Concen: 13.646 ppbv

RT: 5.08 Instrument: MSVOA_1

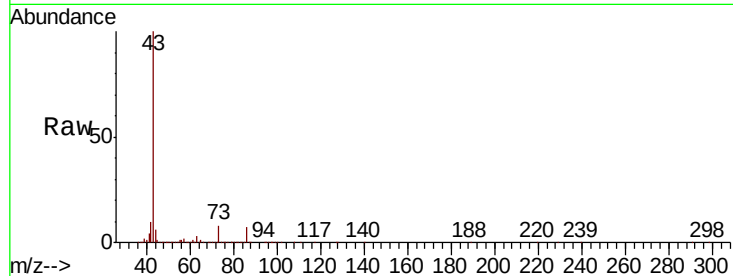
Delta R.T.

Lab File: ClientSampleId:

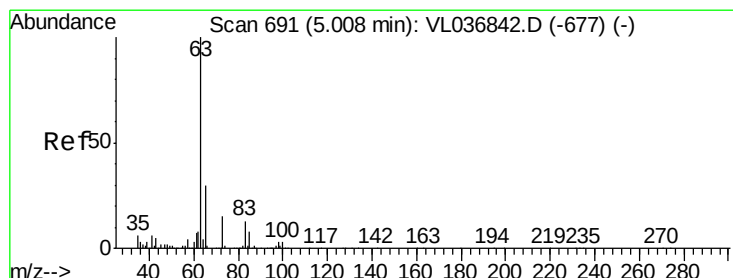
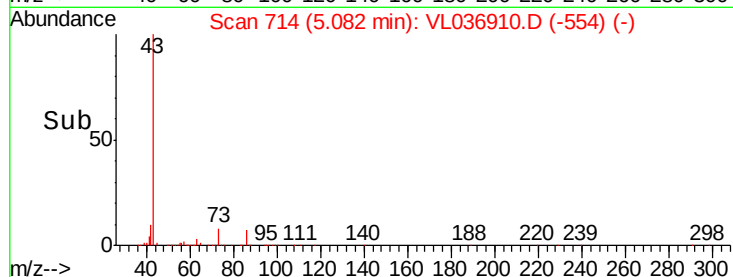
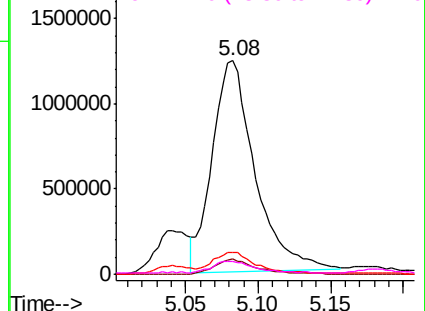
Acq: 6 May 2021 19:14

Tot Ion: 43 Resp: 2547356

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.3	7.9
42	10.1	8.7	13.1
44	5.5	3.9	5.9



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: 13.011 ppbv

RT: 5.02 min Scan# 694

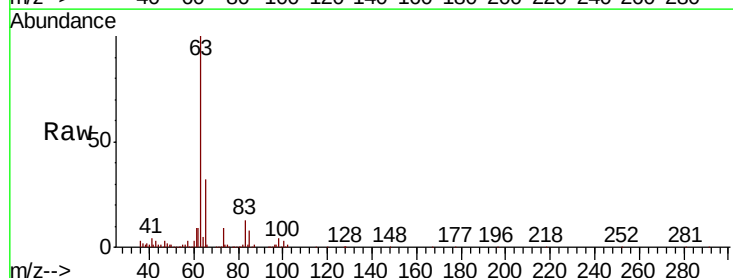
Delta R.T. 0.01 min

Lab File: VL036910.D

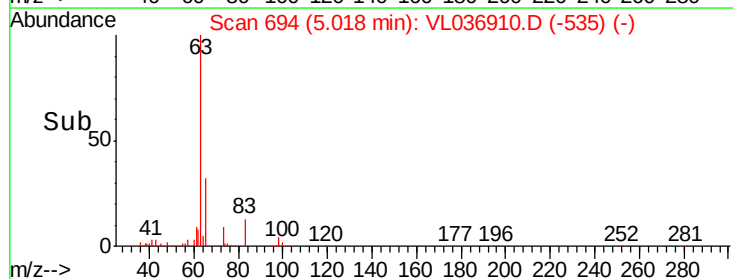
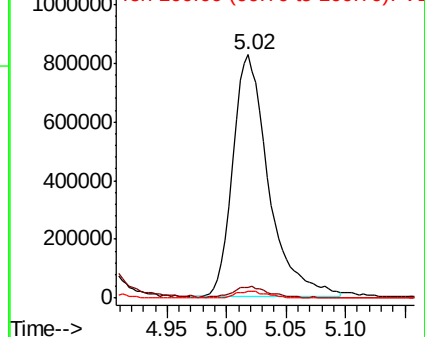
Acq: 6 May 2021 19:14

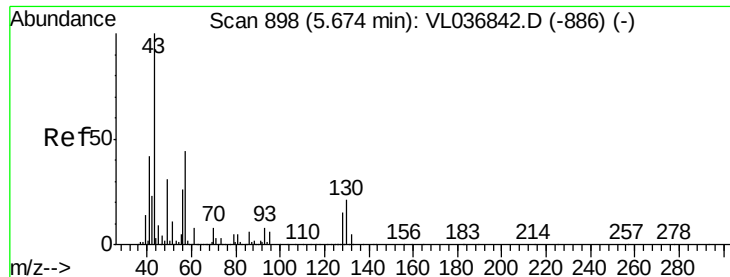
Tgt Ion: 63 Resp: 1724241

Ion	Ratio	Lower	Upper
63	100		
98	4.1	1.7	5.1
100	2.5	1.3	3.8



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

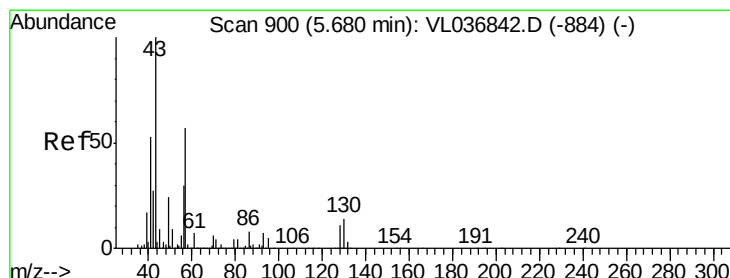
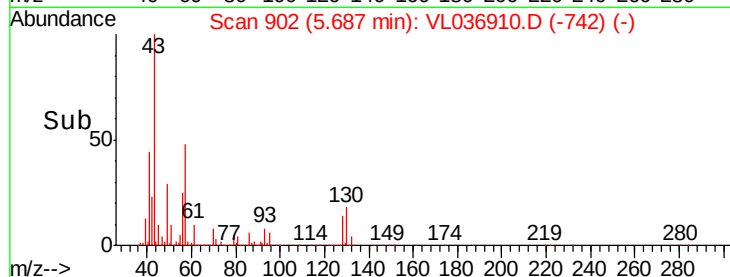
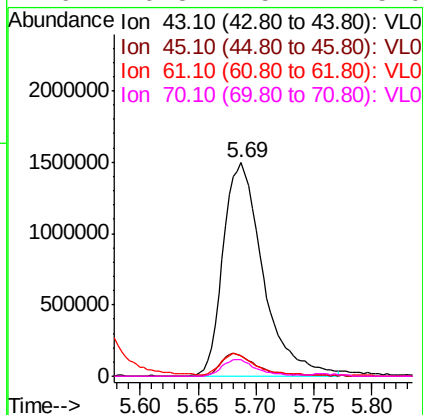
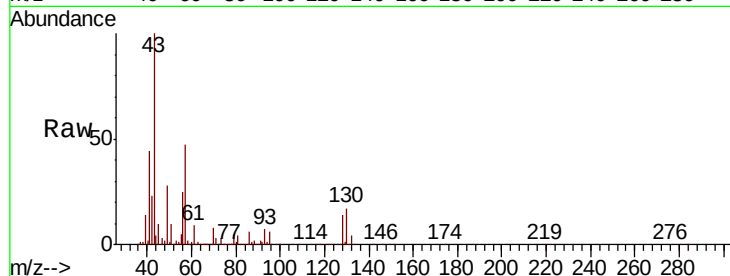




#25
Ethyl Acetate
Concen: 10.584 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id:
Lab File: VL0506ABS01
Acq: 6 May 2021 19:14

Tot Ion: 43 Resp: 3547993

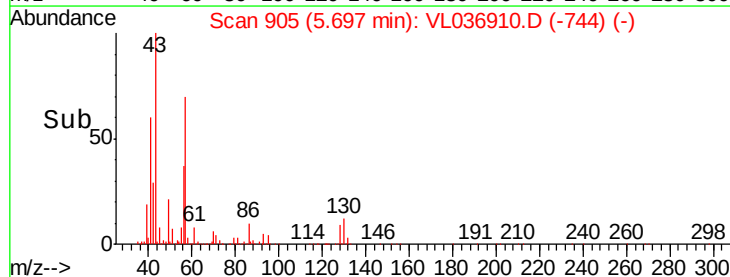
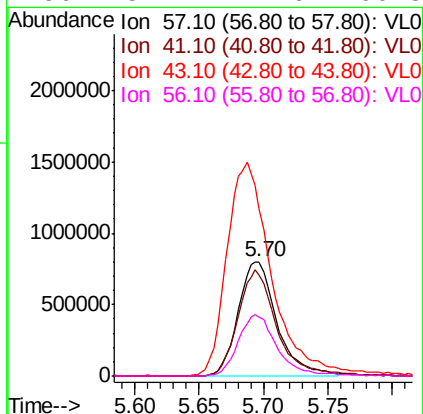
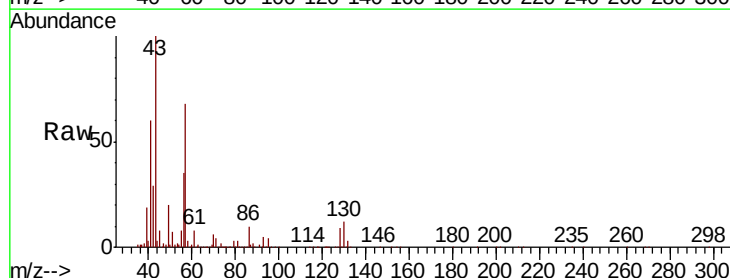
Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.8	11.8
61	10.4	7.4	11.0
70	6.8	5.4	8.0

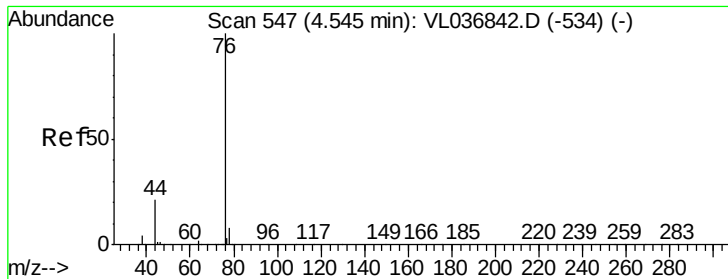


#26
Hexane
Concen: 10.659 ppbv
RT: 5.70 min Scan# 905
Delta R.T.: 0.02 min
Lab File: VL036910.D
Acq: 6 May 2021 19:14

Tgt Ion: 57 Resp: 1671694

Ion	Ratio	Lower	Upper
57	100		
41	93.8	77.7	116.5
43	218.1	180.5	270.7
56	54.7	44.6	66.8

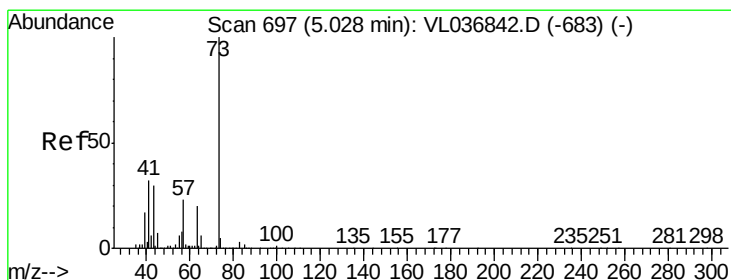
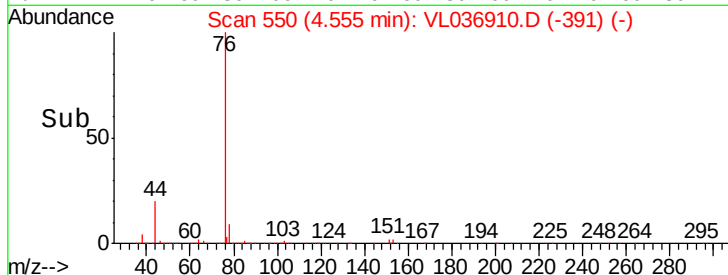
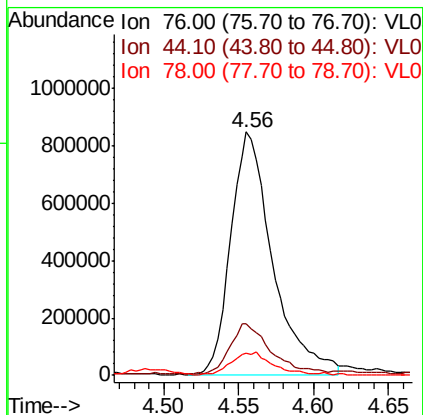
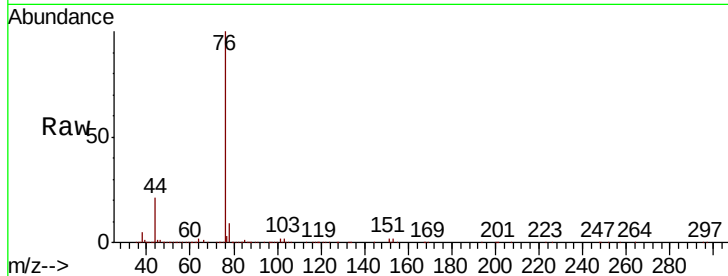




#27
Carbon Disulfide
Concen: 12.127 ppbv
RT: 4.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 19:14

Tot Ion: 76 Resp: 1652086

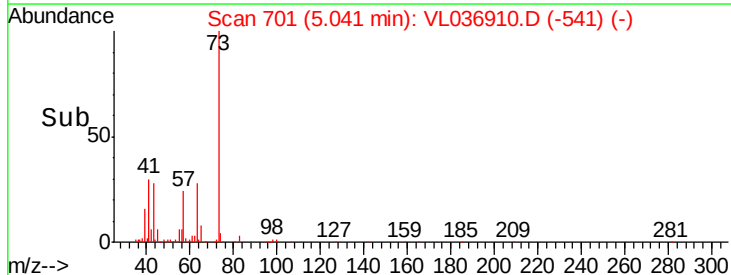
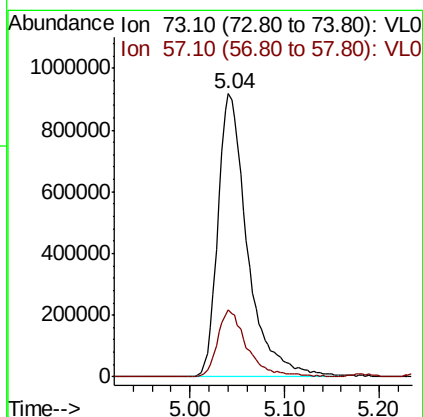
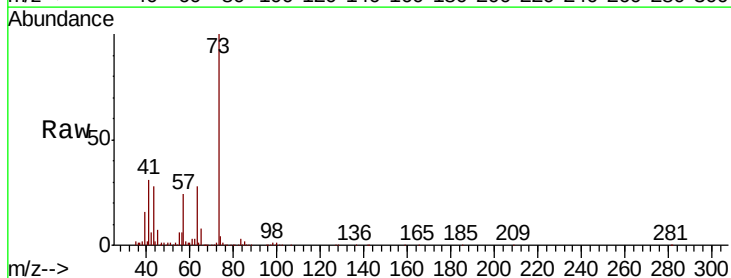
Ion	Ratio	Lower	Upper
76	100		
44	21.2	16.9	25.3
78	10.1	7.9	11.9

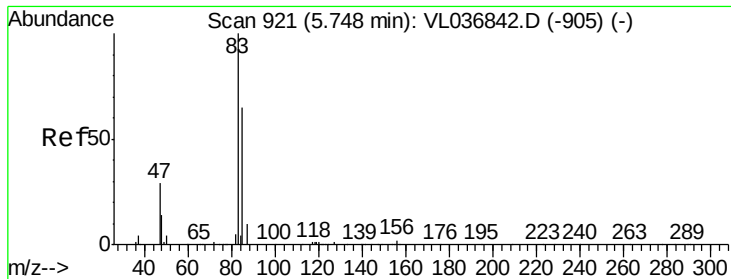


#28
Methyl tert-Butyl Ether
Concen: 14.326 ppbv
RT: 5.04 min Scan# 701
Delta R.T.: 0.01 min
Lab File: VL036910.D
Acq: 6 May 2021 19:14

Tgt Ion: 73 Resp: 1991613

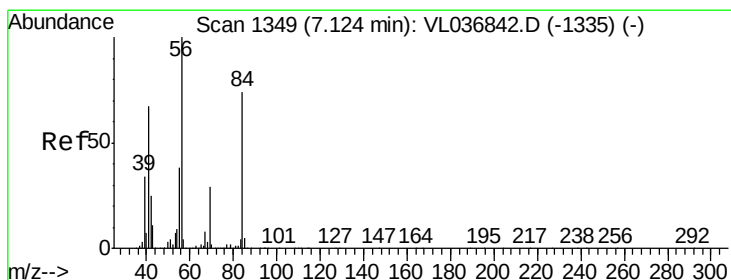
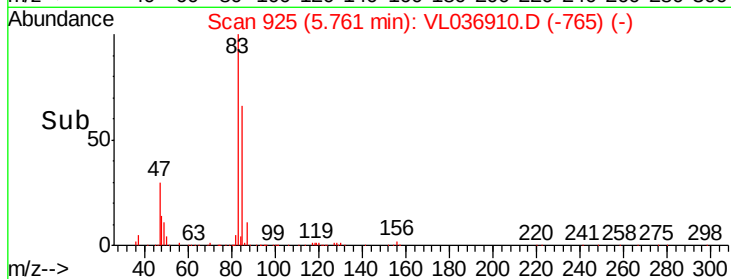
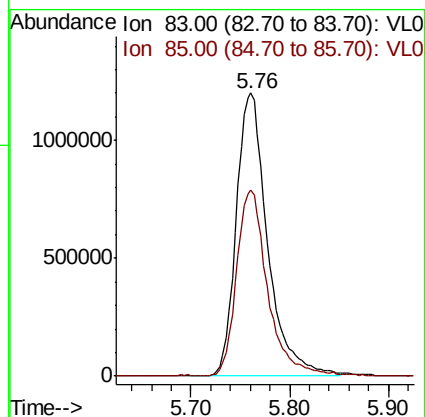
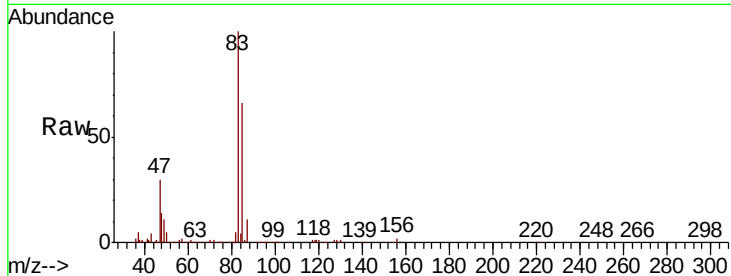
Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.0	28.6





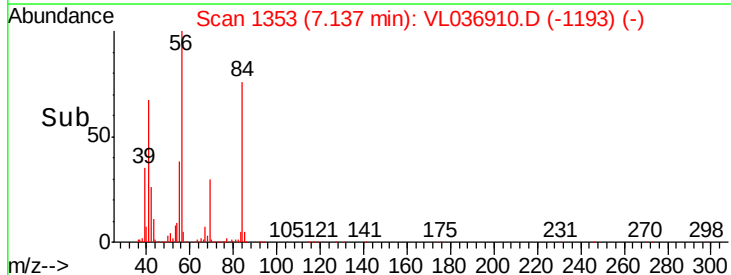
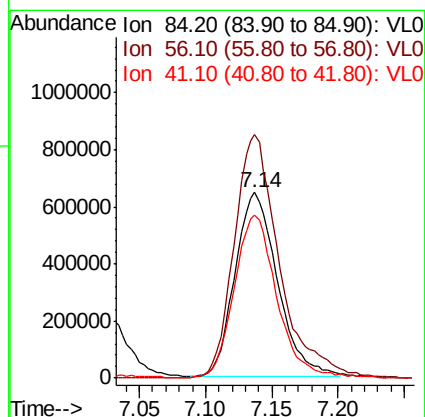
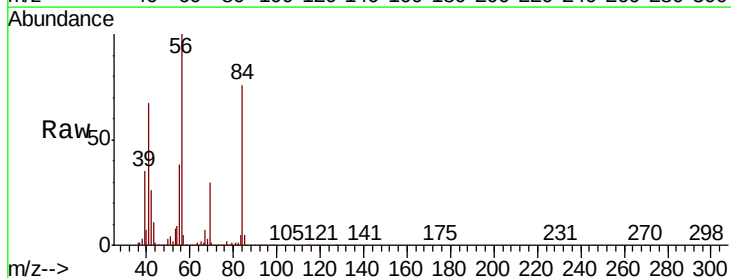
#29
Chloroform
Concen: 10.844 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 May 2021 19:14

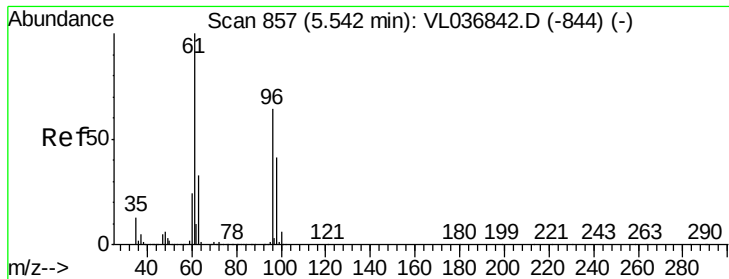
Tot Ion: 83 Resp: 2651524
Ion Ratio Lower Upper
83 100
85 65.6 52.2 78.4



#30
Cyclohexane
Concen: 11.549 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.01 min
Lab File: VL036910.D
Acq: 6 May 2021 19:14

Tgt Ion: 84 Resp: 1436436
Ion Ratio Lower Upper
84 100
56 141.7 115.8 173.6
41 89.4 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 11.987 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:14 VL0506ABS01

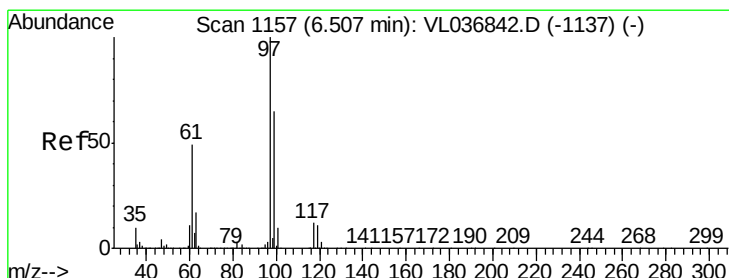
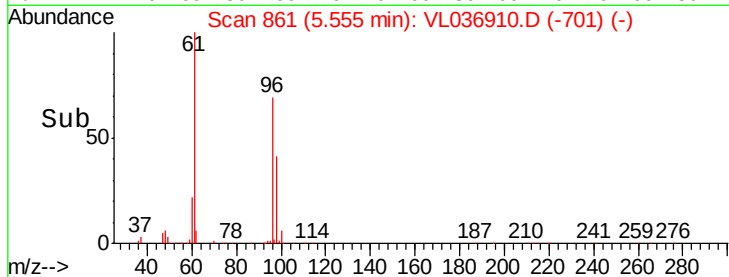
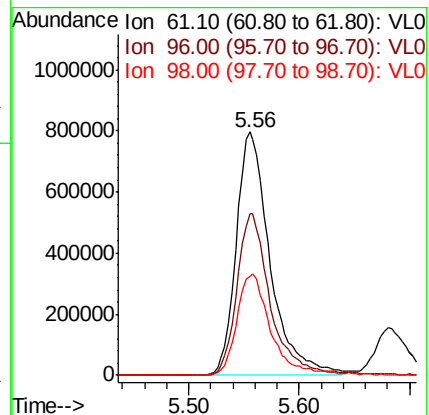
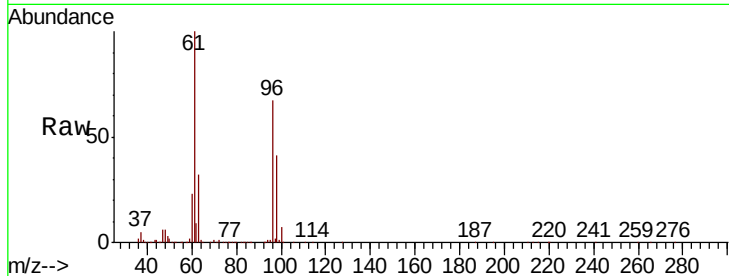
Tot Ion: 61 Resp: 1687478

Ion Ratio Lower Upper

61 100

96 66.6 51.0 76.6

98 40.8 32.7 49.1



#32

1,1,1-Trichloroethane

Concen: 10.857 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VL036910.D

Acq: 6 May 2021 19:14

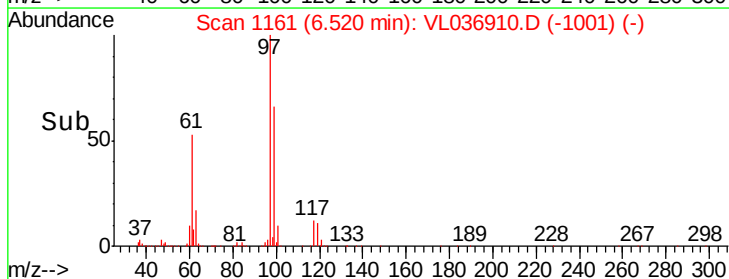
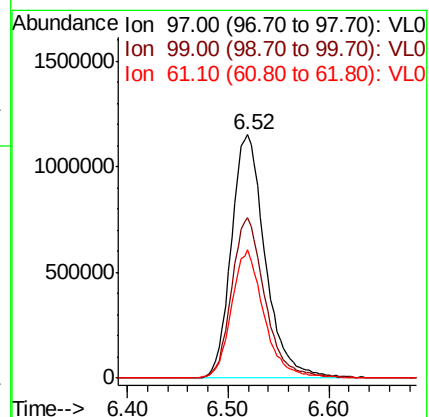
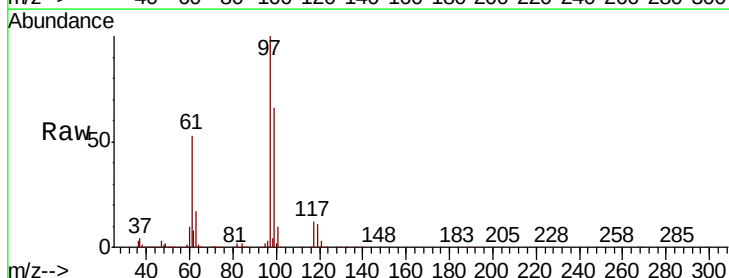
Tgt Ion: 97 Resp: 2699461

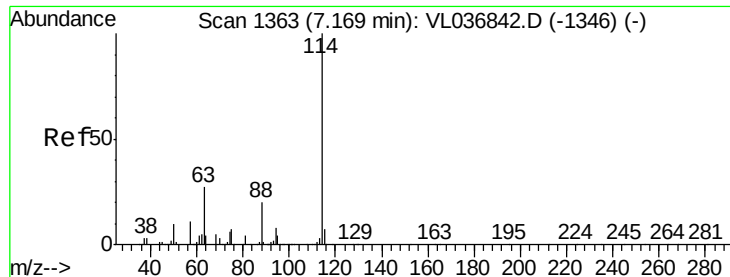
Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.6

61 50.5 40.8 61.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Instrument: MSVOA_1

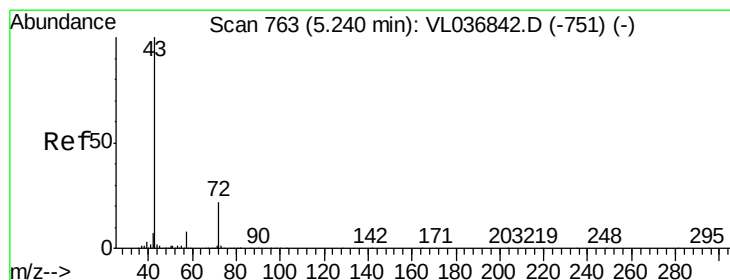
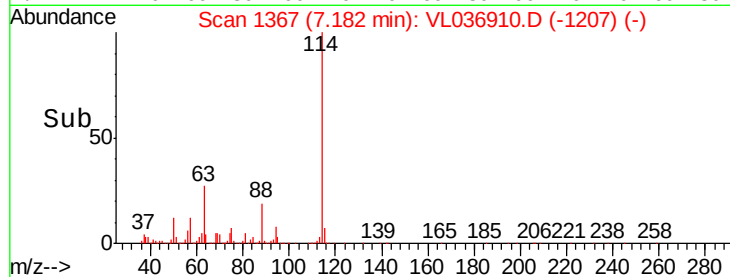
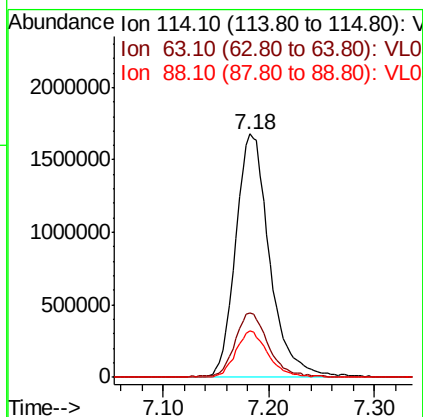
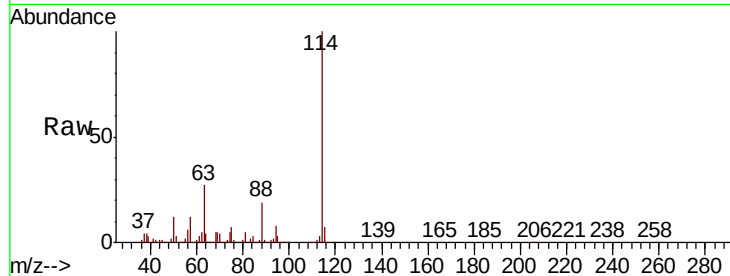
Delta R.T. ClientSampleId:

Lab File: VL0506ABS01

Acq: 6 May 2021 19:14

Tot Ion:114 Resp: 3742306

Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.9	32.9
88	18.5	15.1	22.7



#34

2-Butanone

Concen: 10.774 ppbv

RT: 5.26 min Scan# 768

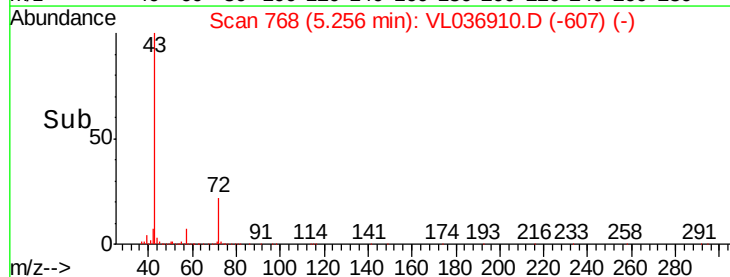
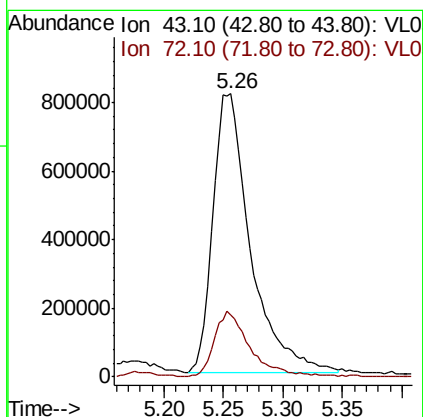
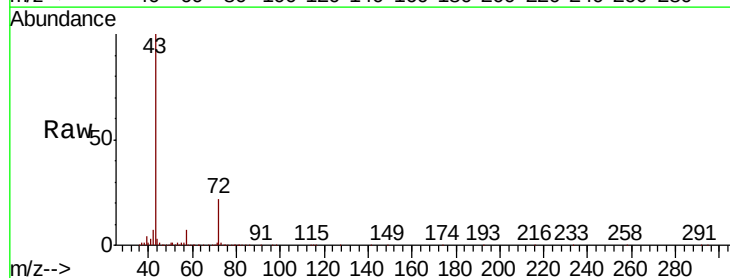
Delta R.T. 0.02 min

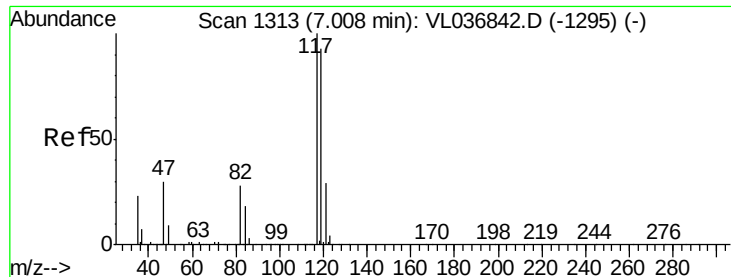
Lab File: VL036910.D

Acq: 6 May 2021 19:14

Tgt Ion: 43 Resp: 1766136

Ion	Ratio	Lower	Upper
43	100		
72	23.2	17.6	26.4

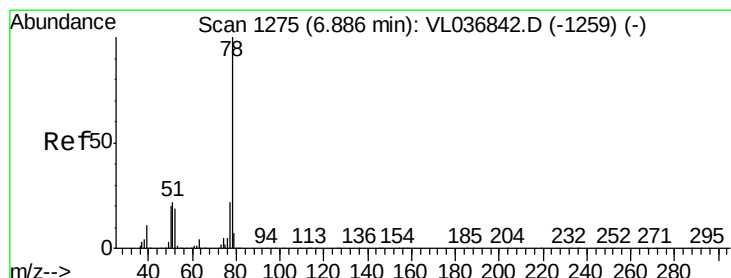
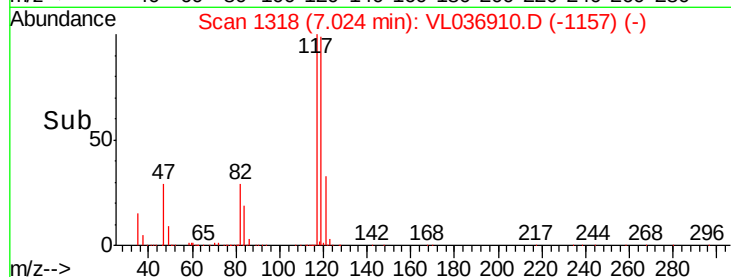
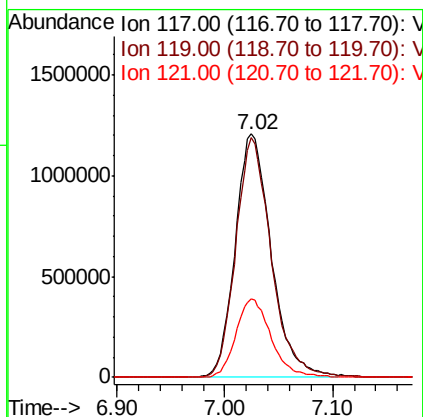
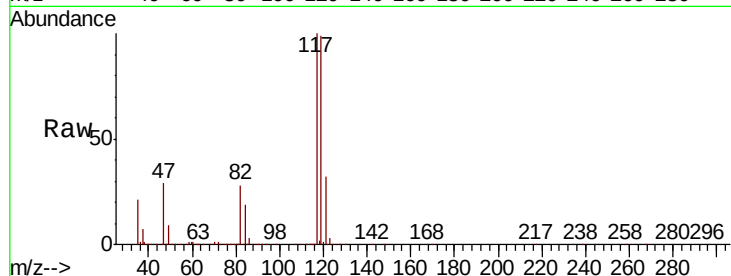




#35
Carbon Tetrachloride
Concen: 11.075 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 19:14

Tot Ion:117 Resp: 2812274

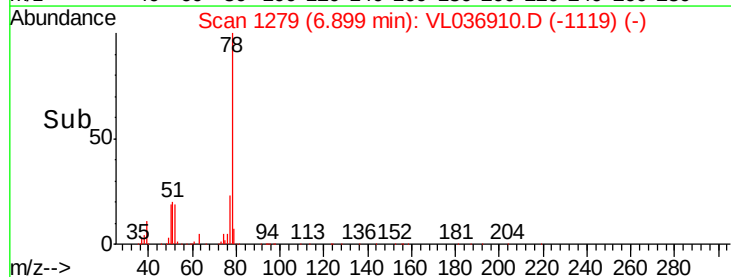
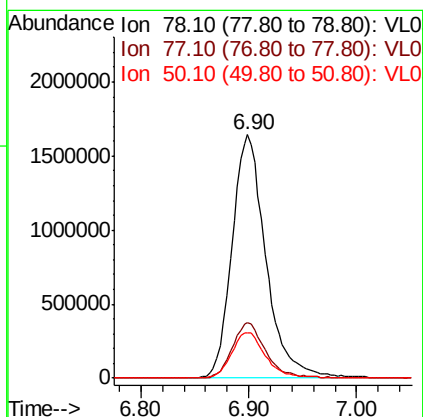
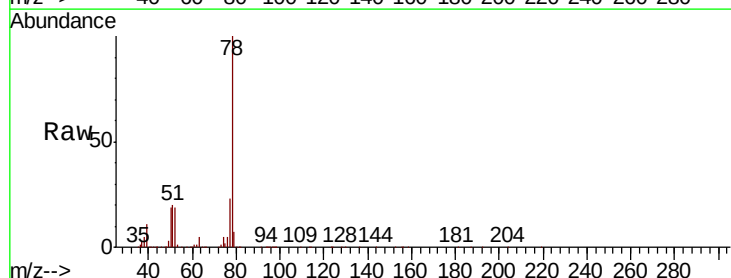
Ion	Ratio	Lower	Upper
117	100		
119	98.6	74.6	111.8
121	32.5	23.3	34.9

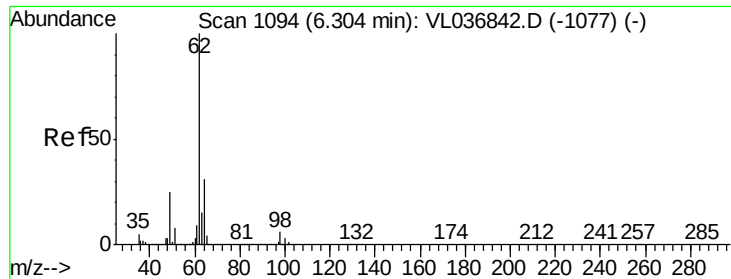


#36
Benzene
Concen: 11.366 ppbv
RT: 6.90 min Scan# 1279
Delta R.T.: 0.01 min
Lab File: VL036910.D
Acq: 6 May 2021 19:14

Tgt Ion: 78 Resp: 3583652

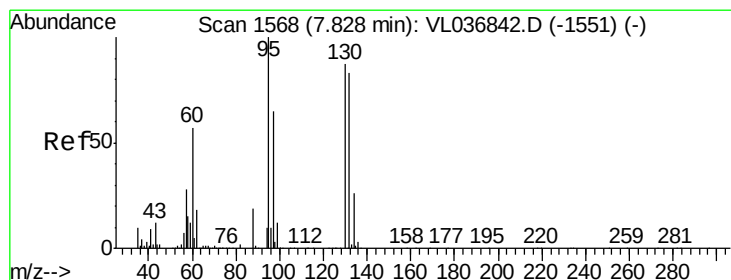
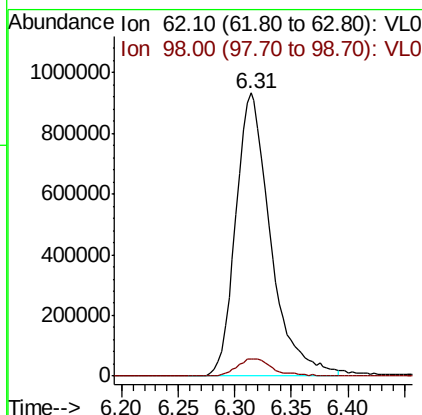
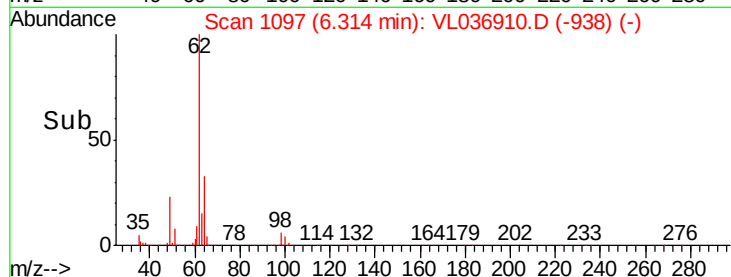
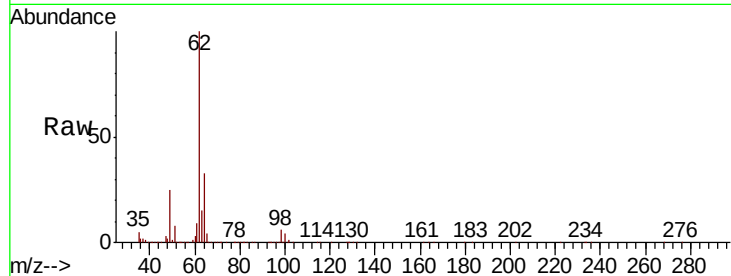
Ion	Ratio	Lower	Upper
78	100		
77	22.7	17.6	26.4
50	18.8	16.3	24.5





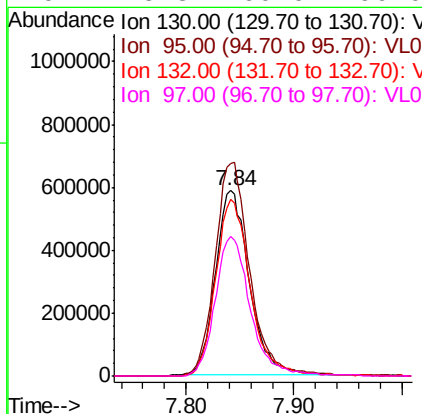
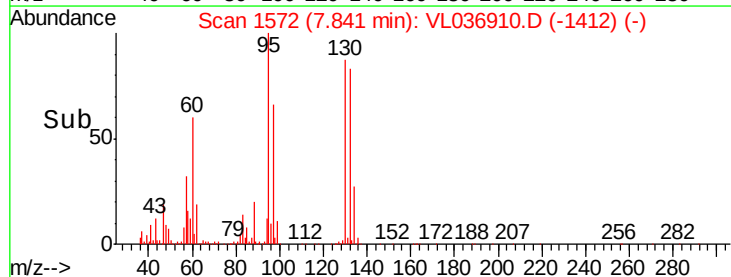
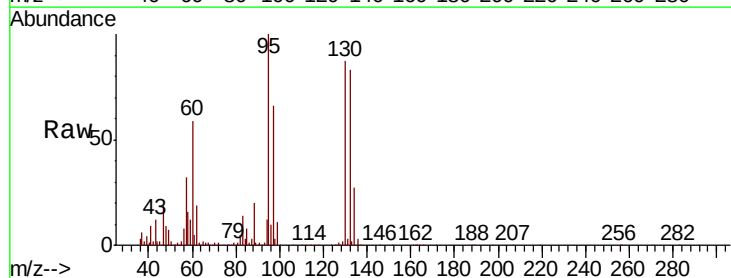
#37
 1,2-Dichloroethane
 Concen: 11.209 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 19:14

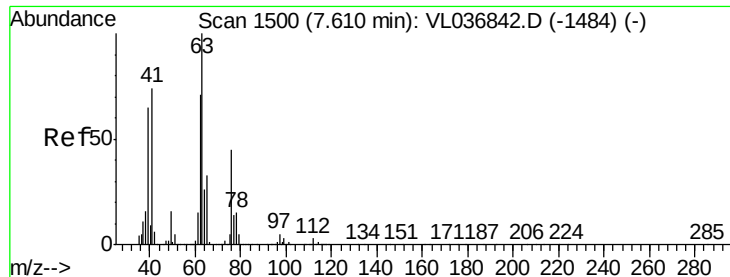
Tot Ion: 62 Resp: 2001444
 Ion Ratio Lower Upper
 62 100
 98 6.2 4.8 7.2



#38
 Trichloroethene
 Concen: 11.371 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

Tgt Ion:130 Resp: 1276524
 Ion Ratio Lower Upper
 130 100
 95 114.8 92.3 138.5
 132 95.4 76.8 115.2
 97 75.3 60.0 90.0

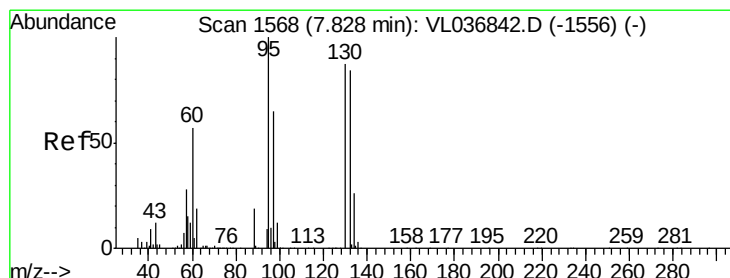
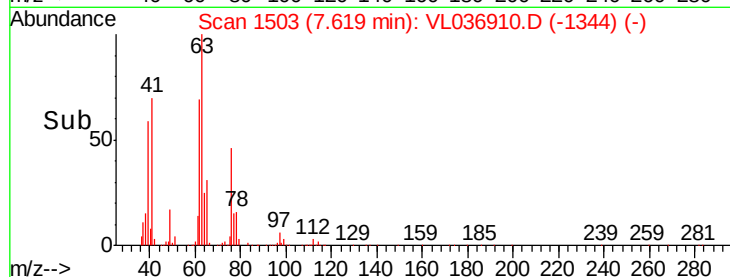
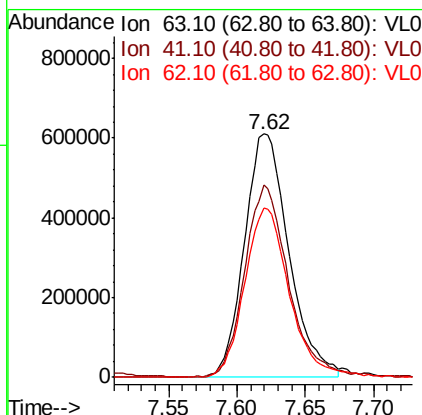
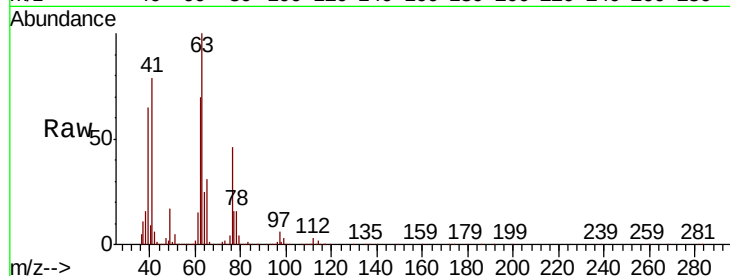




#39
 1,2-Dichloropropane
 Concen: 10.941 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 19:14

Tot Ion: 63 Resp: 1382143

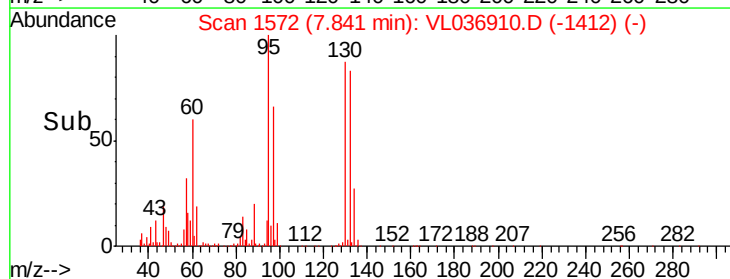
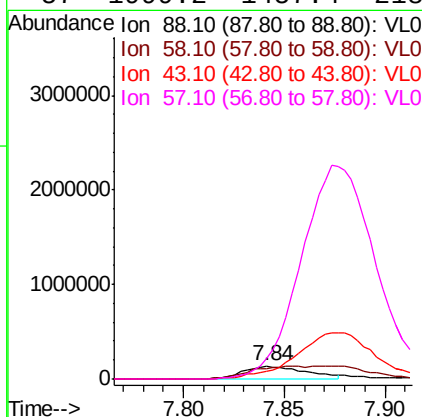
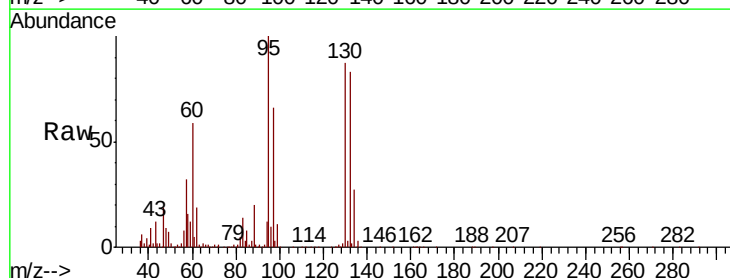
Ion	Ratio	Lower	Upper
63	100		
41	78.6	59.1	88.7
62	69.6	56.9	85.3

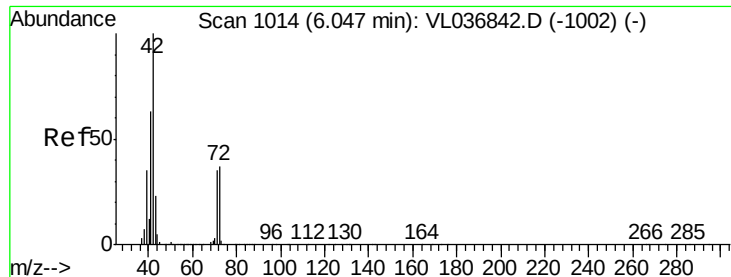


#40
 1,4-Dioxane
 Concen: 9.726 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

Tgt Ion: 88 Resp: 296668

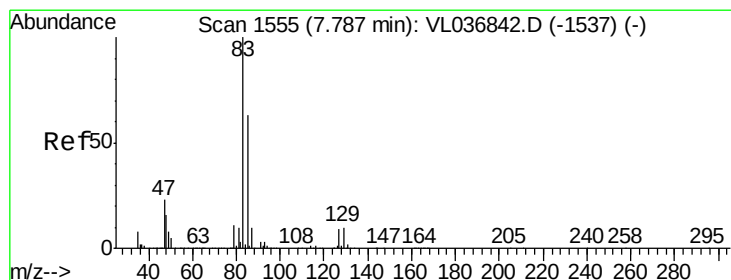
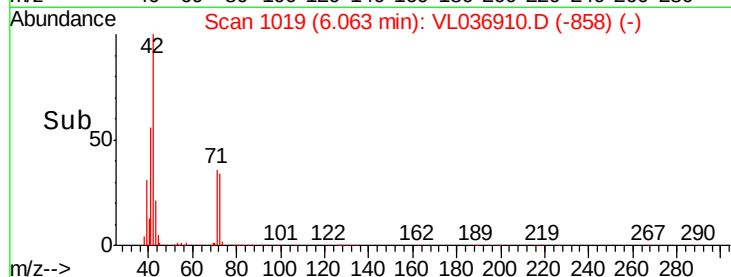
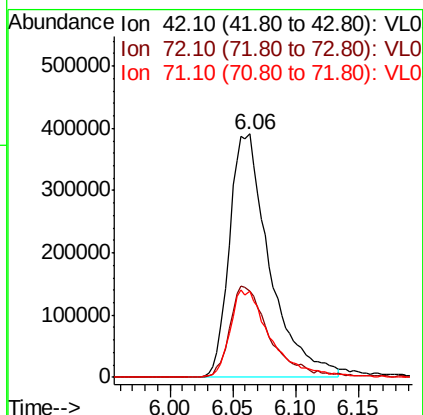
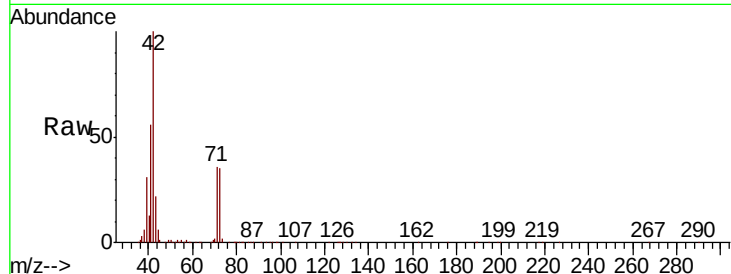
Ion	Ratio	Lower	Upper
88	100		
58	185.6	132.6	198.8
43	452.5	331.5	497.3
57	1999.2	1457.4	2186.0





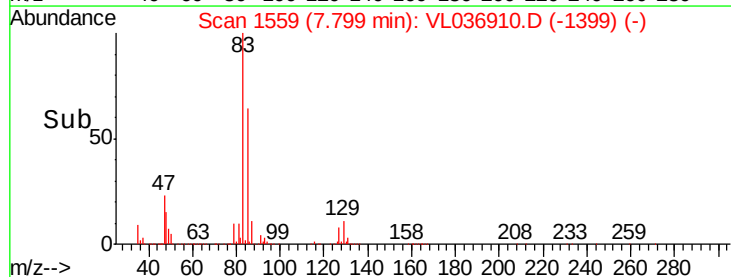
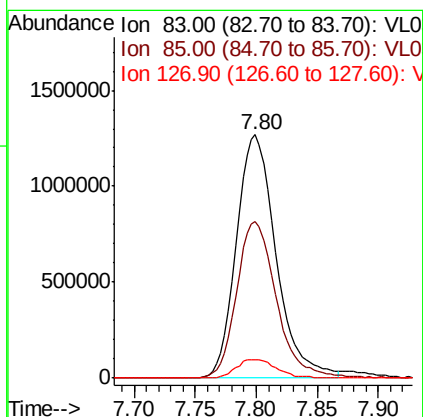
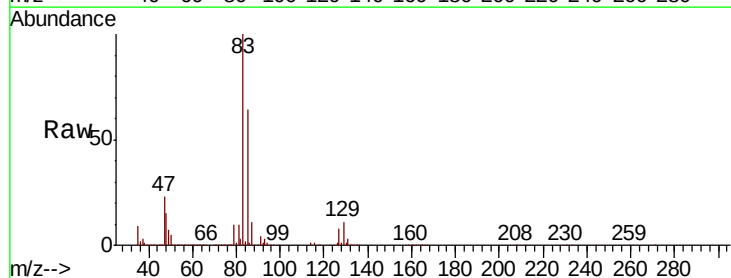
#41
Tetrahydrofuran
Concen: 12.101 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0506ABS01
Acq: 6 May 2021 19:14

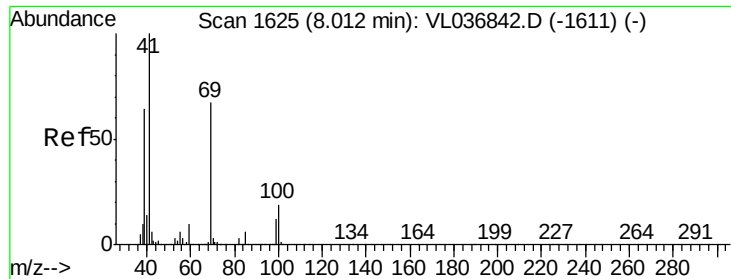
Tot Ion: 42 Resp: 867743
Ion Ratio Lower Upper
42 100
72 38.0 29.7 44.5
71 36.7 29.0 43.6



#42
Bromodichloromethane
Concen: 11.547 ppbv
RT: 7.80 min Scan# 1559
Delta R.T.: 0.01 min
Lab File: VL036910.D
Acq: 6 May 2021 19:14

Tgt Ion: 83 Resp: 2864507
Ion Ratio Lower Upper
83 100
85 64.2 50.4 75.6
127 7.7 6.9 10.3





#43

Methyl Methacrylate

Concen: 12.417 ppbv

RT: 8.02

Instrument: MSVOA_1

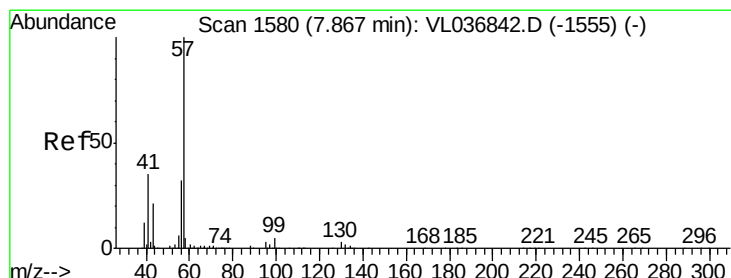
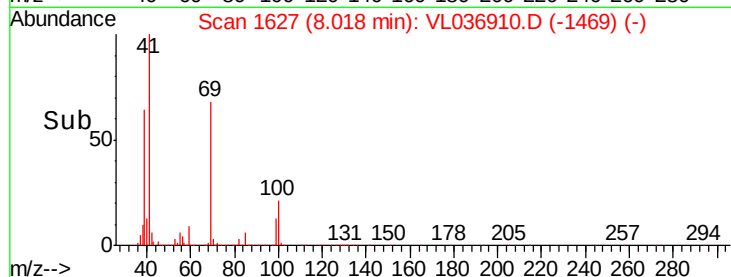
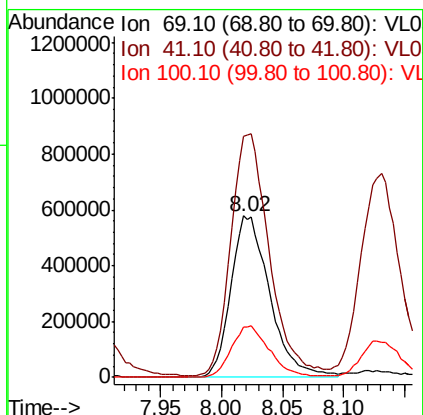
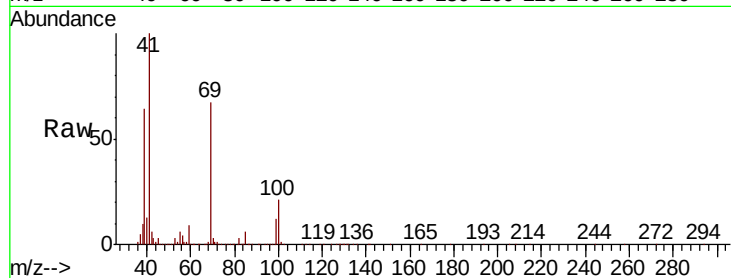
Delta R.T. ClientSampleId:

Lab File: VL0506ABS01

Acq: 6 May 2021 19:14

Tot Ion: 69 Resp: 1277484

Ion	Ratio	Lower	Upper
69	100		
41	150.6	124.2	186.4
100	31.5	25.5	38.3



#44

2,2,4-Trimethylpentane

Concen: 10.967 ppbv

RT: 7.87 min Scan# 1582

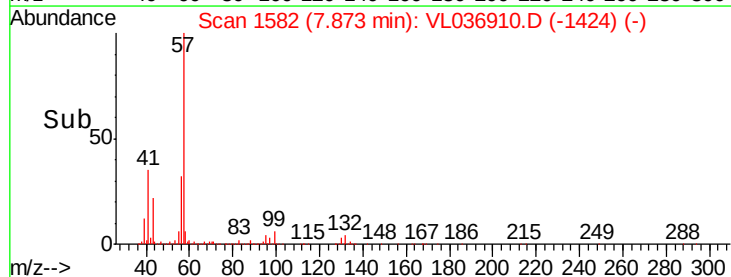
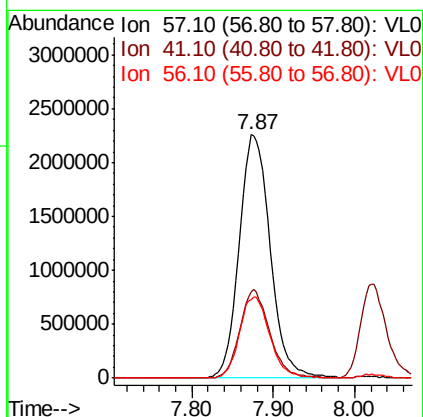
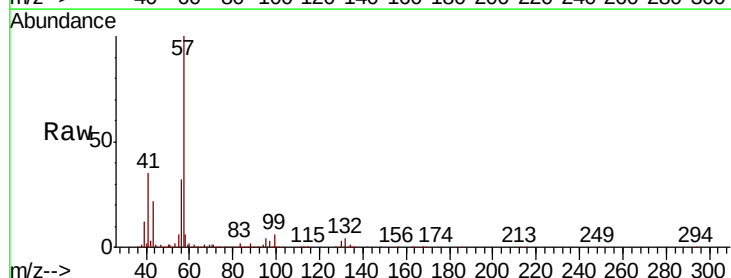
Delta R.T. 0.01 min

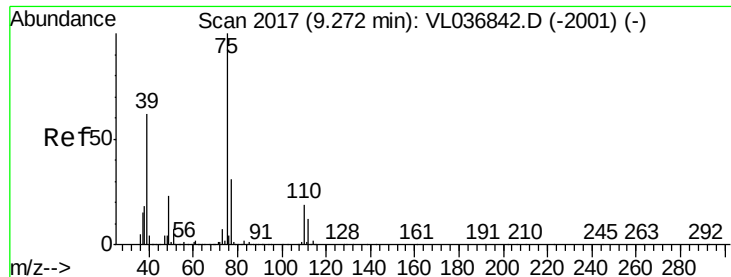
Lab File: VL036910.D

Acq: 6 May 2021 19:14

Tgt Ion: 57 Resp: 5926110

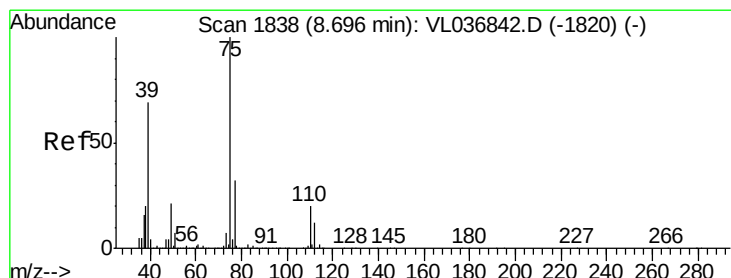
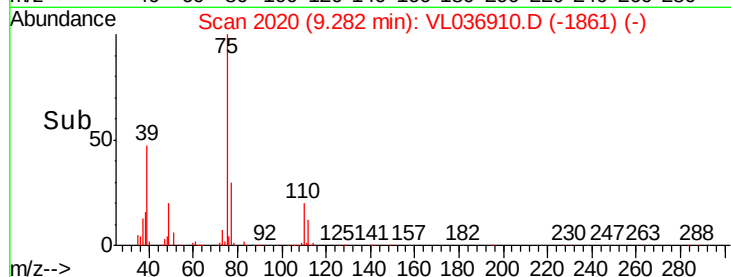
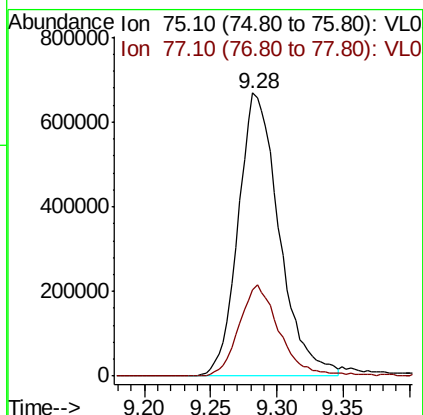
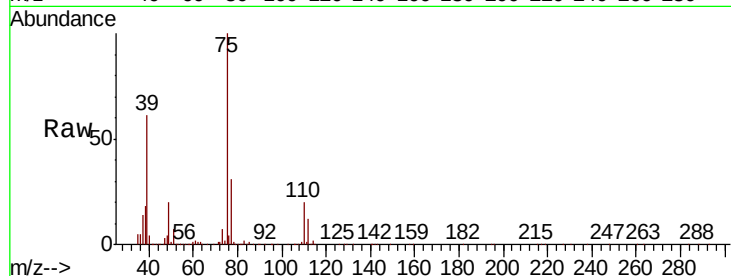
Ion	Ratio	Lower	Upper
57	100		
41	34.8	28.2	42.4
56	32.6	25.9	38.9





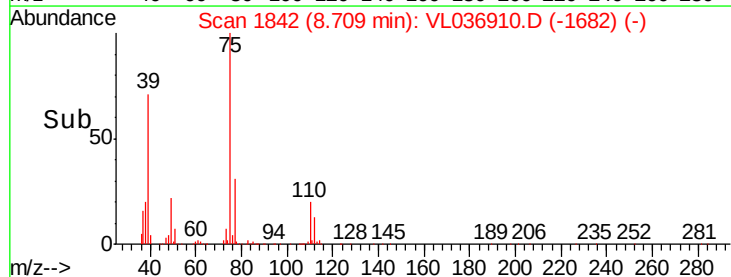
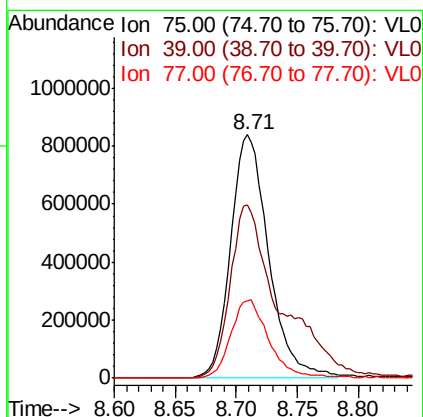
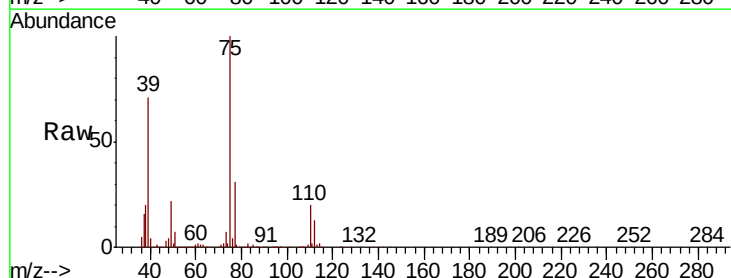
#45
t-1,3-Dichloropropene
Concen: 12.926 ppbv
RT: 9.28
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 19:14

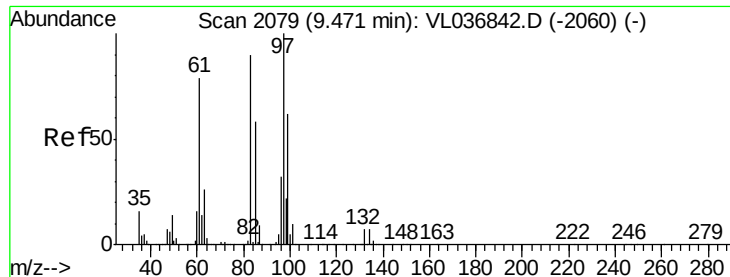
Tot Ion: 75 Resp: 1433652
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 12.762 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. 0.01 min
Lab File: VL036910.D
Acq: 6 May 2021 19:14

Tgt Ion: 75 Resp: 1814863
Ion Ratio Lower Upper
75 100
39 71.2 55.4 83.0
77 31.4 25.2 37.8

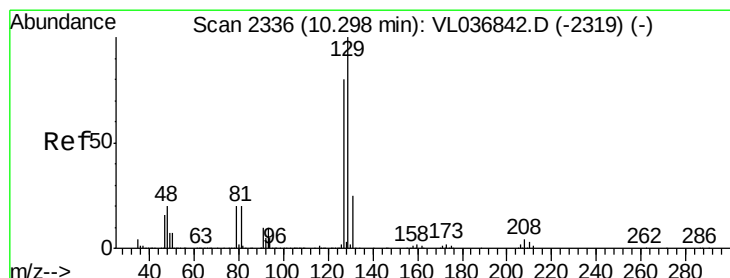
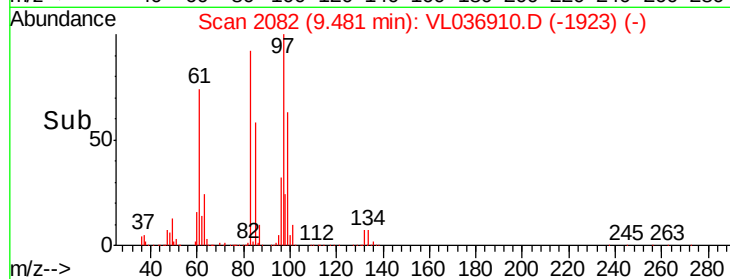
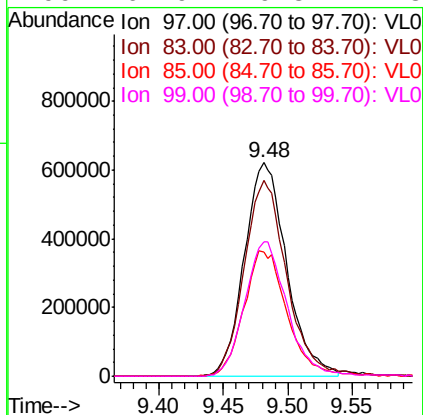
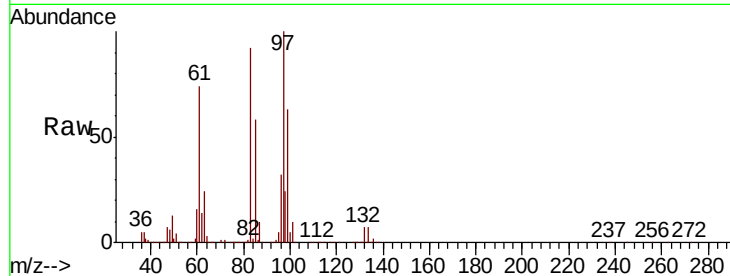




#47
 1,1,2-Trichloroethane
 Concen: 10.852 ppbv
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: VL0506ABS01
 Acq: 6 May 2021 19:14

Tot Ion: 97 Resp: 1419284

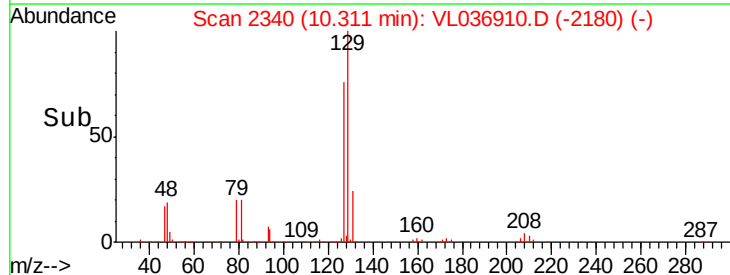
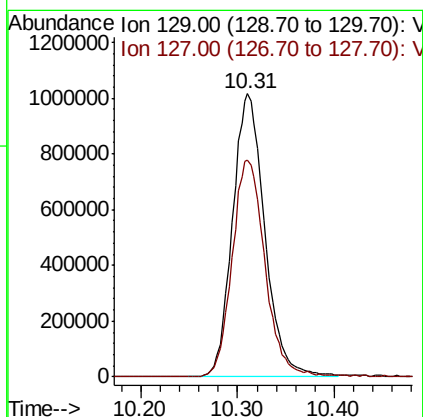
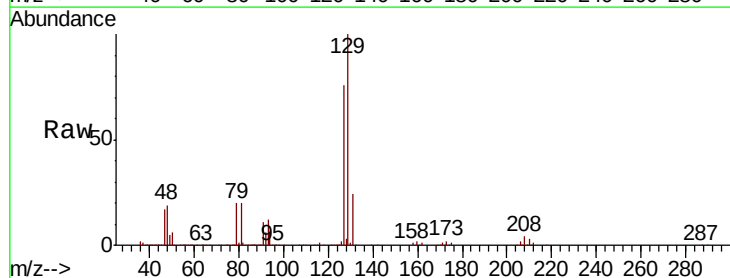
Ion	Ratio	Lower	Upper
97	100		
83	91.8	71.9	107.9
85	58.0	46.5	69.7
99	62.9	49.8	74.8

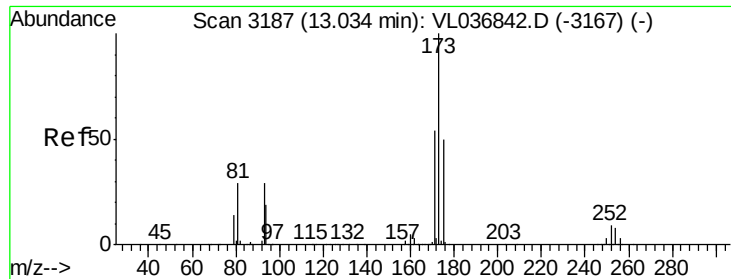


#48
 Dibromochloromethane
 Concen: 12.131 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T.: 0.01 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

Tgt Ion: 129 Resp: 2350867

Ion	Ratio	Lower	Upper
129	100		
127	78.8	40.2	120.5





#49

Bromoform

Concen: 12.092 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 19:14

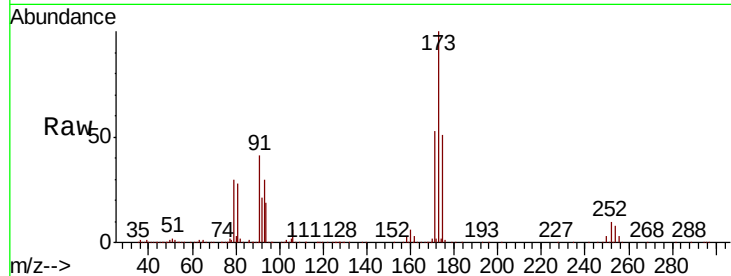
Tot Ion:173 Resp: 1870686

Ion Ratio Lower Upper

173 100

175 50.6 39.6 59.4

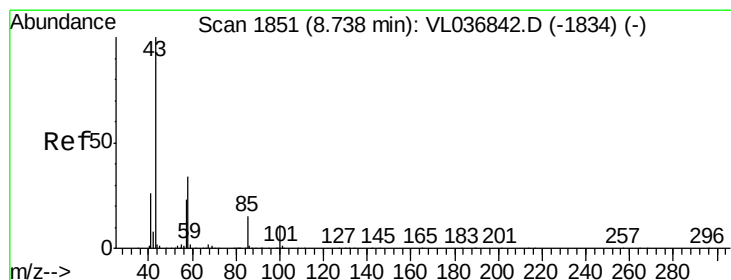
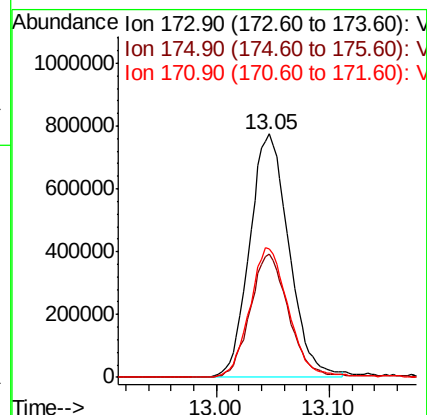
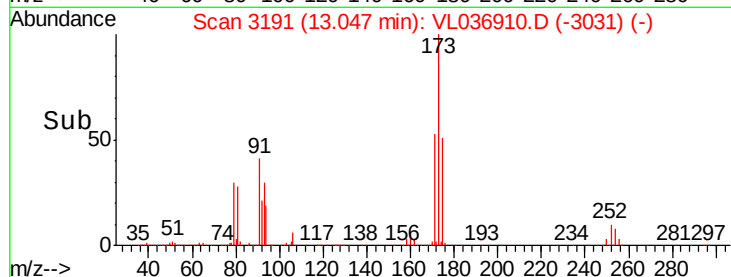
171 53.0 42.2 63.4



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: 11.731 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL036910.D

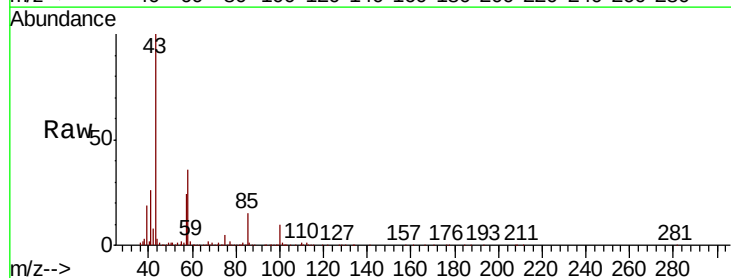
Acq: 6 May 2021 19:14

Tgt Ion: 43 Resp: 2628620

Ion Ratio Lower Upper

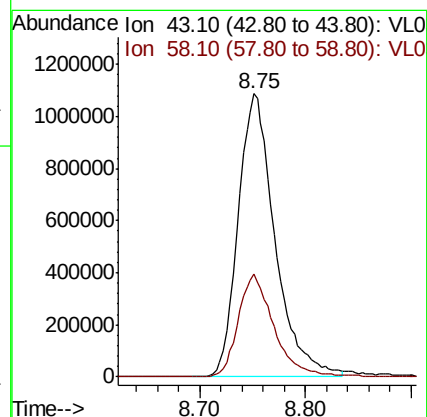
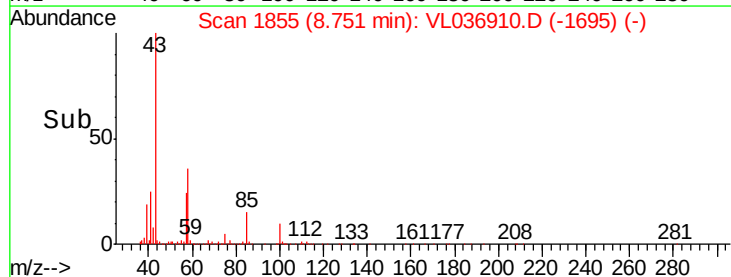
43 100

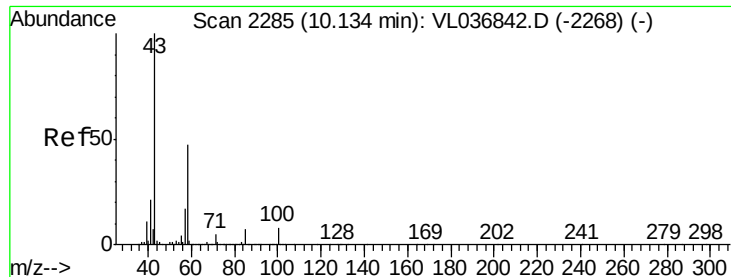
58 35.6 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

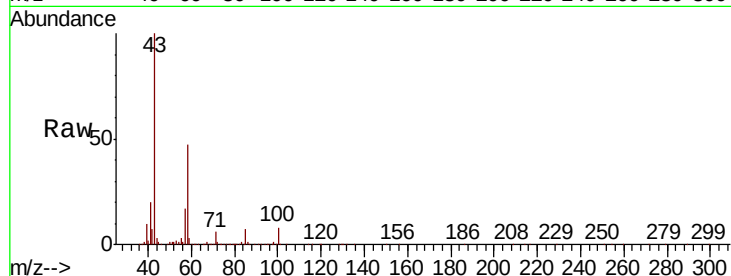
Ion 58.10 (57.80 to 58.80): VL0



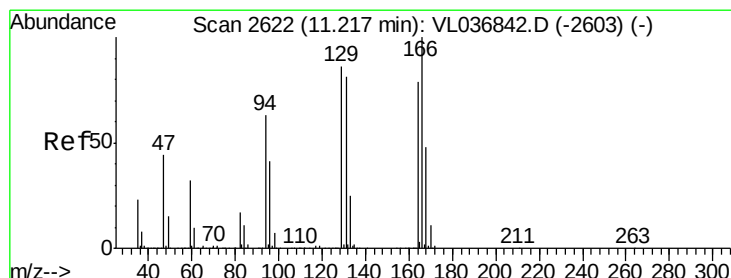
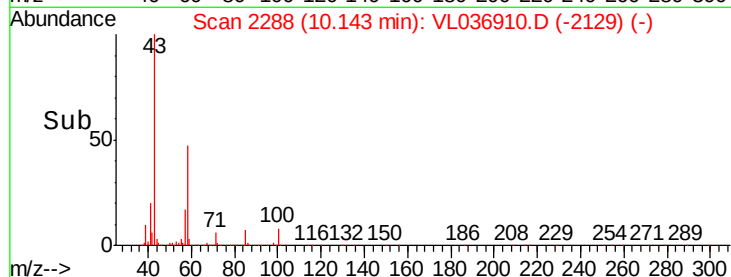
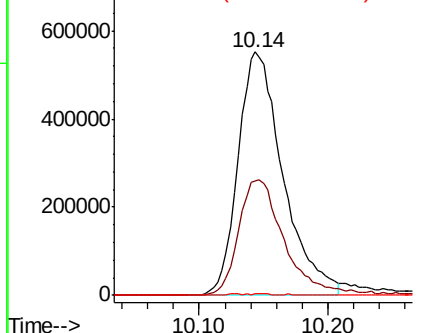


#51
2-Hexanone
Concen: 11.961 ppbv
RT: 10.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0506ABS01
Acq: 6 May 2021 19:14

Tot Ion: 43 Resp: 1336720
Ion Ratio Lower Upper
43 100
58 49.5 37.0 55.6
98 0.8 0.2 0.4#

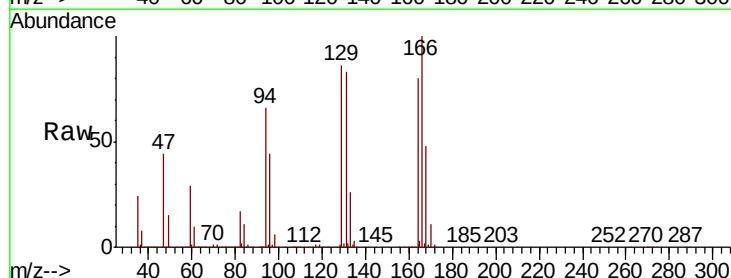


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

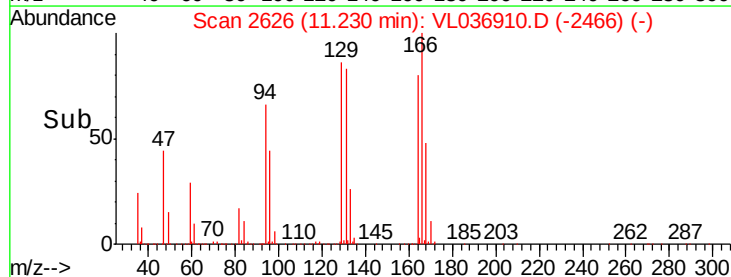
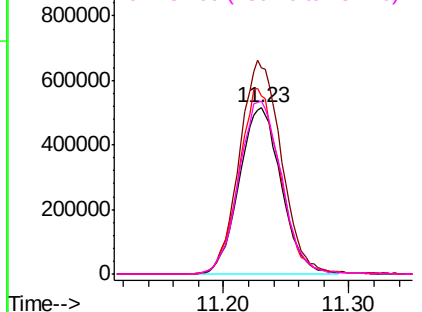


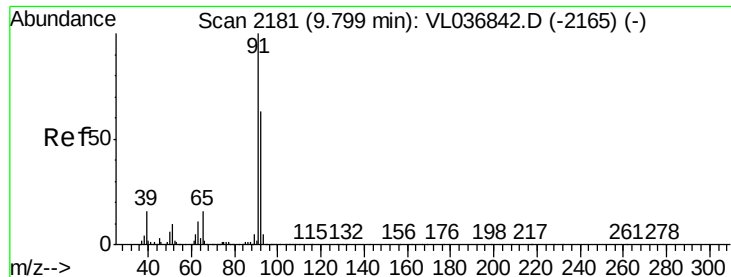
#52
Tetrachloroethene
Concen: 11.130 ppbv
RT: 11.23 min Scan# 2626
Delta R.T.: 0.01 min
Lab File: VL036910.D
Acq: 6 May 2021 19:14

Tgt Ion: 164 Resp: 1194963
Ion Ratio Lower Upper
164 100
166 124.4 100.9 151.3
129 107.4 87.0 130.4
131 103.9 81.7 122.5



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: 11.915 ppbv

RT: 9.81 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0506ABS01

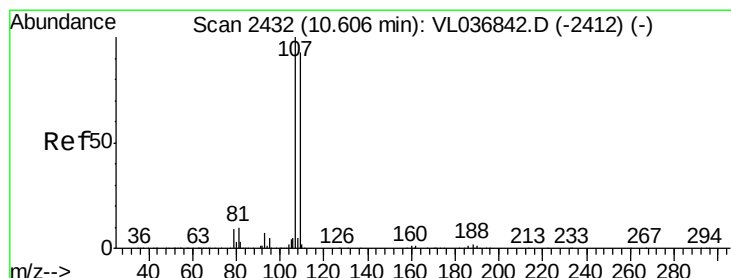
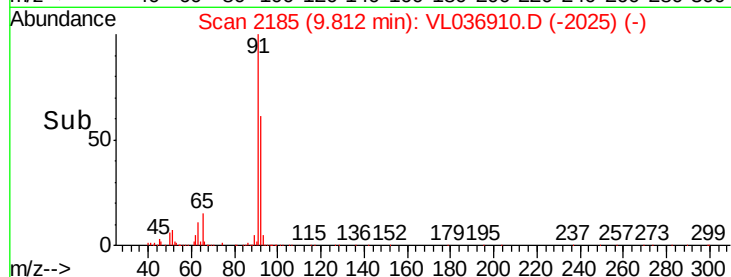
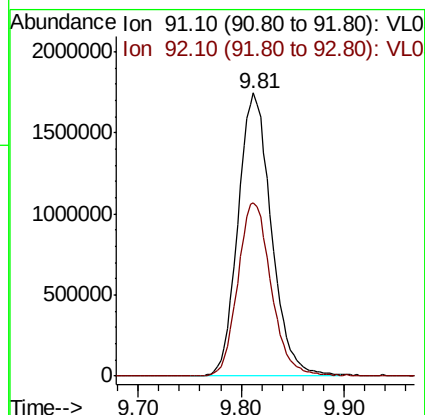
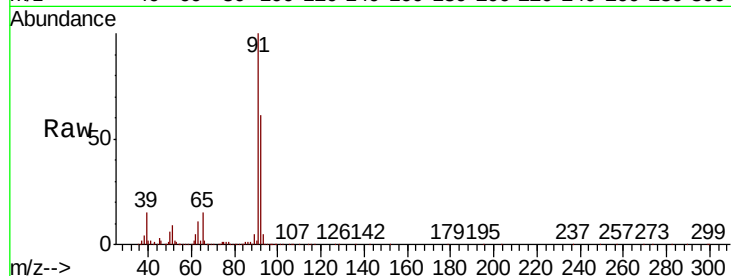
Acq: 6 May 2021 19:14

Tot Ion: 91 Resp: 3930995

Ion Ratio Lower Upper

91 100

92 61.7 49.0 73.4



#54

1,2-Dibromoethane

Concen: 11.056 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.01 min

Lab File: VL036910.D

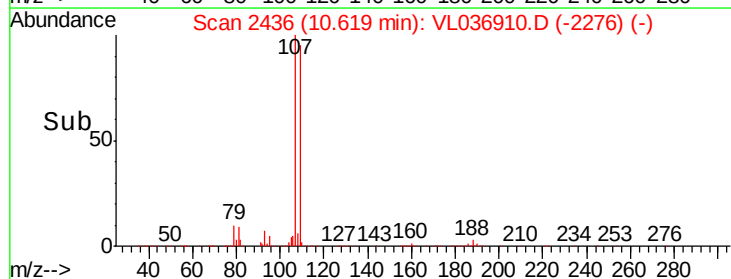
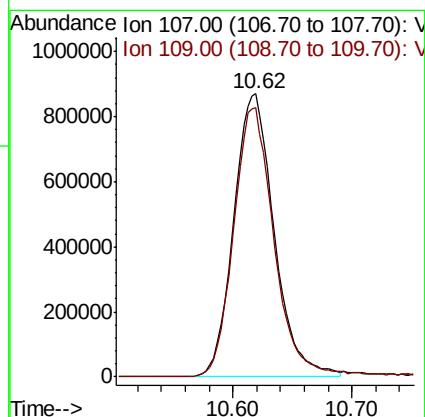
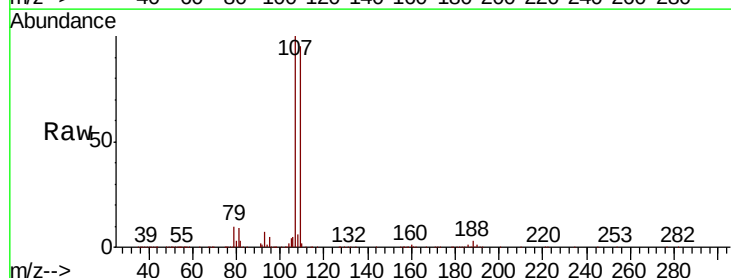
Acq: 6 May 2021 19:14

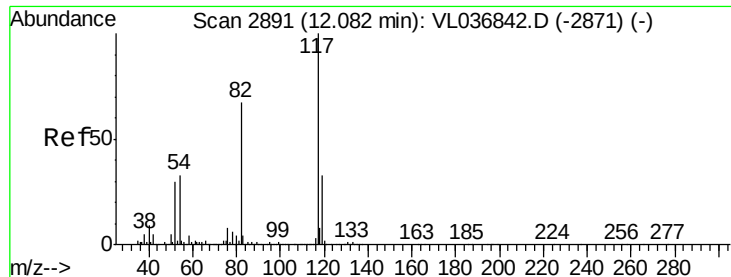
Tgt Ion: 107 Resp: 2041330

Ion Ratio Lower Upper

107 100

109 95.3 74.7 112.1

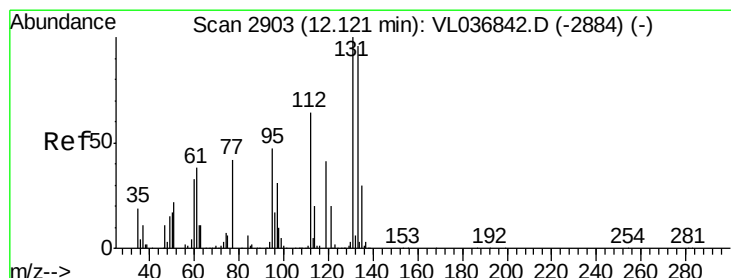
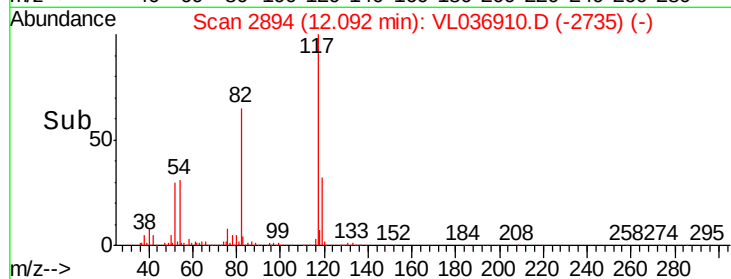
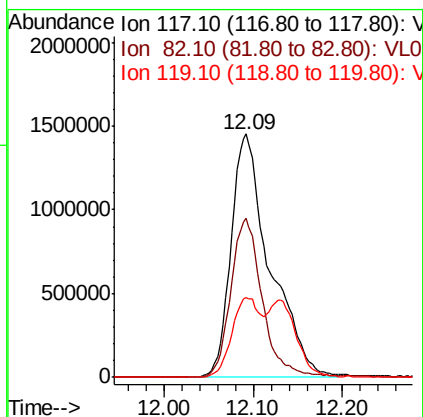
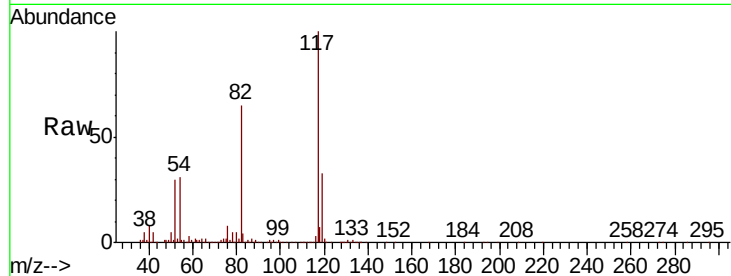




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 19:14

Tot Ion:117 Resp: 4388479

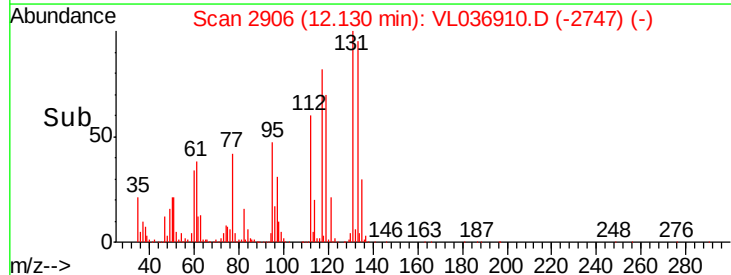
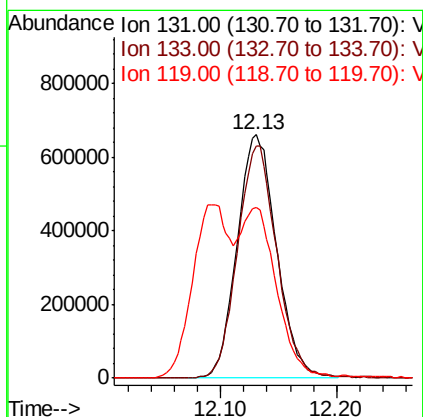
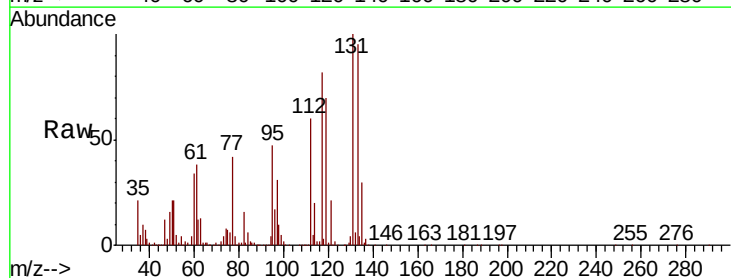
Ion	Ratio	Lower	Upper
117	100		
82	54.0	53.5	80.3
119	25.6	25.6	38.4

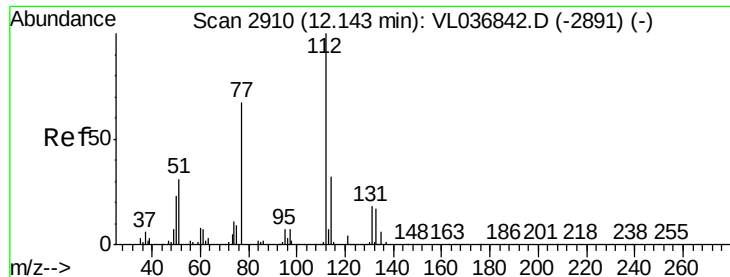


#56
1,1,1,2-Tetrachloroethane
Concen: 8.493 ppbv
RT: 12.13 min Scan# 2906
Delta R.T.: 0.01 min
Lab File: VL036910.D
Acq: 6 May 2021 19:14

Tgt Ion:131 Resp: 1562455

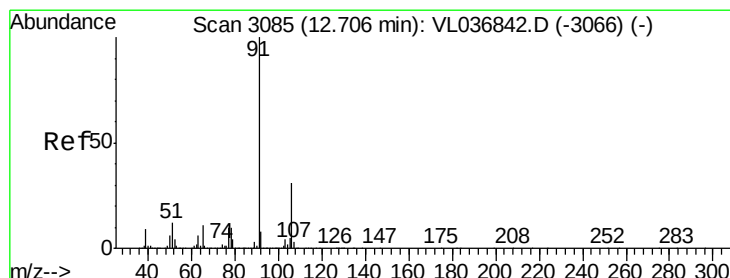
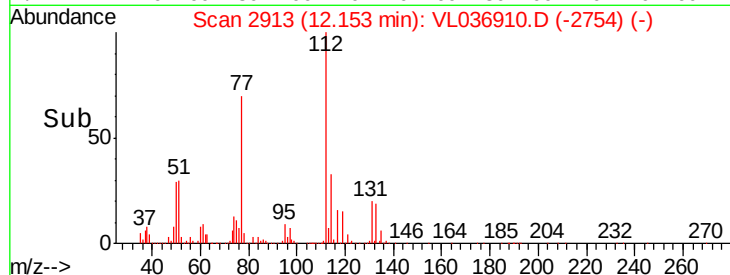
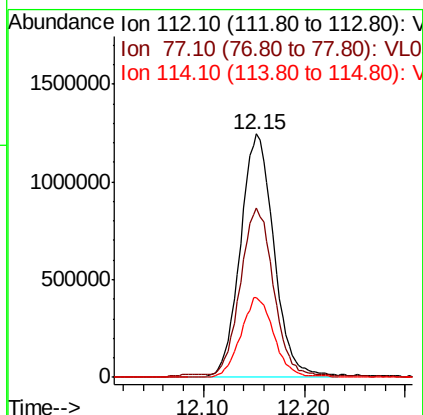
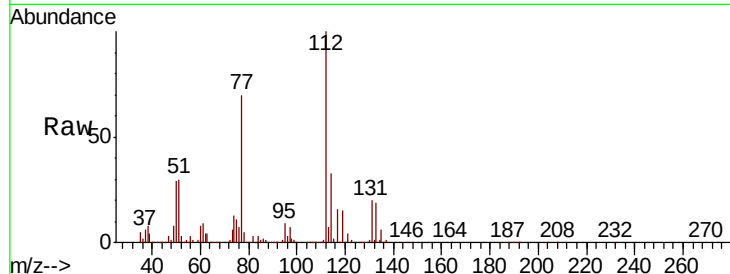
Ion	Ratio	Lower	Upper
131	100		
133	96.0	76.3	114.5
119	66.8	114.9	172.3#





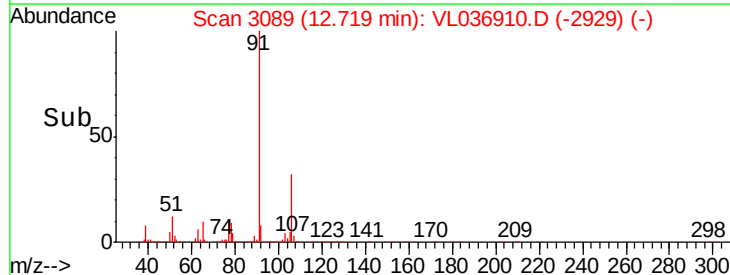
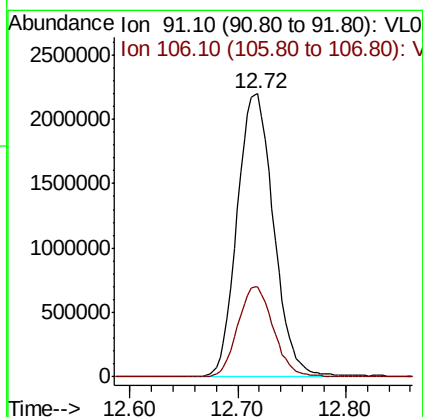
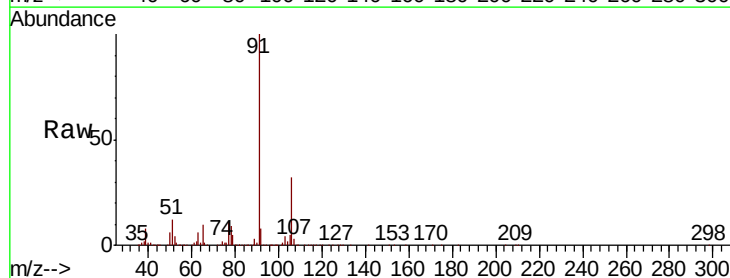
#57
Chlorobenzene
Concen: 8.404 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 19:14

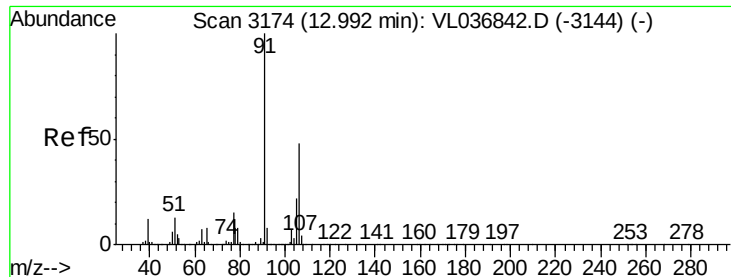
Tot Ion: 112 Resp: 2872556
Ion Ratio Lower Upper
112 100
77 68.9 54.2 81.4
114 32.5 28.5 34.9



#58
Ethyl Benzene
Concen: 9.316 ppbv
RT: 12.72 min Scan# 3089
Delta R.T.: 0.01 min
Lab File: VL036910.D
Acq: 6 May 2021 19:14

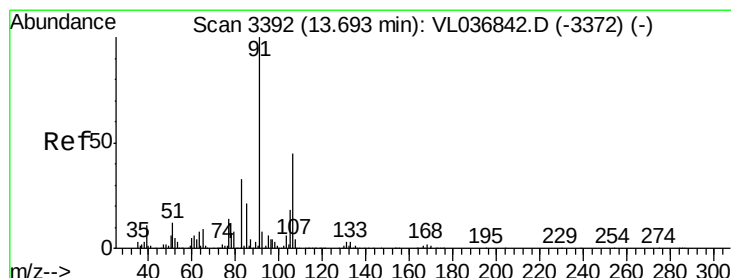
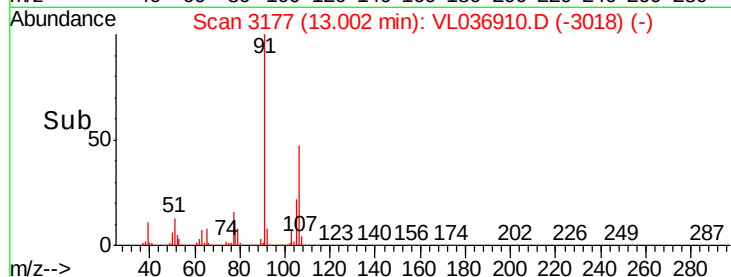
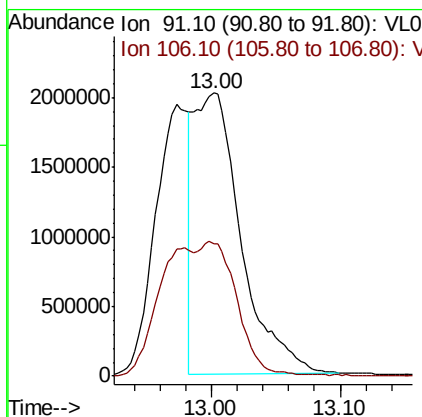
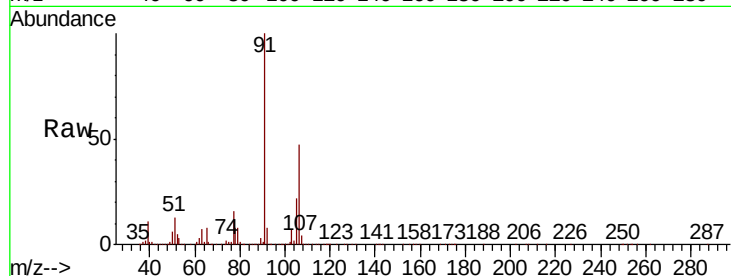
Tgt Ion: 91 Resp: 5185211
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7





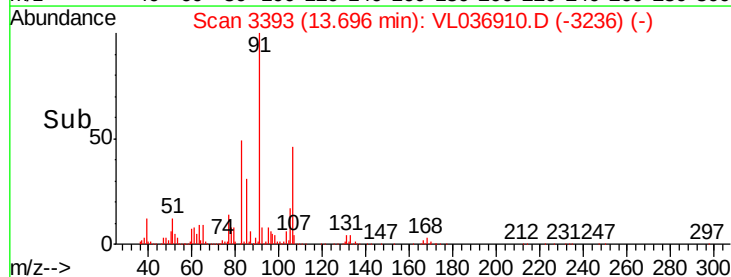
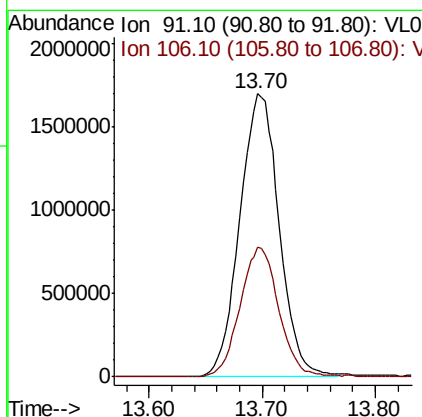
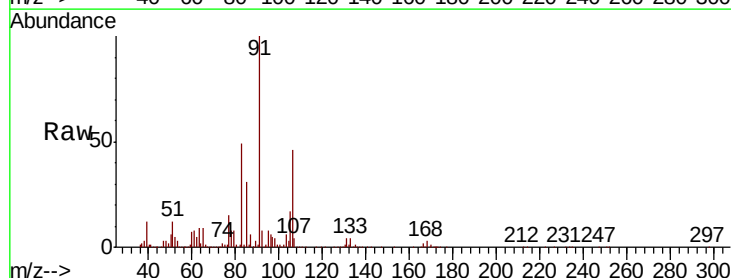
#59
m/p-Xylene
Concen: 10.307 ppbv
RT: 13.00 min
Delta R.T. 0.00 min
Lab File: VL0506ABS01
Acq: 6 May 2021 19:14

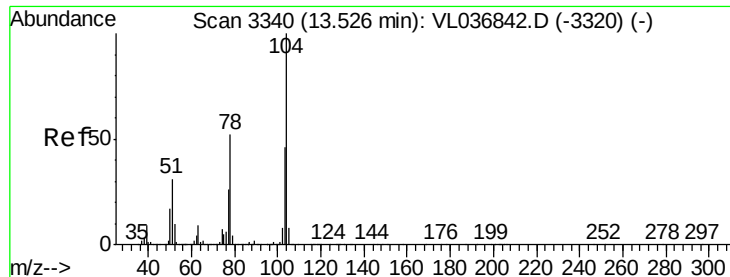
Tot Ion: 91 Resp: 5127669
Ion Ratio Lower Upper
91 100
106 75.8 35.8 53.6#



#60
o-Xylene
Concen: 8.530 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VL036910.D
Acq: 6 May 2021 19:14

Tgt Ion: 91 Resp: 4102984
Ion Ratio Lower Upper
91 100
106 45.4 22.6 67.7





#61

Stvrene

Concen: 10.561 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:14

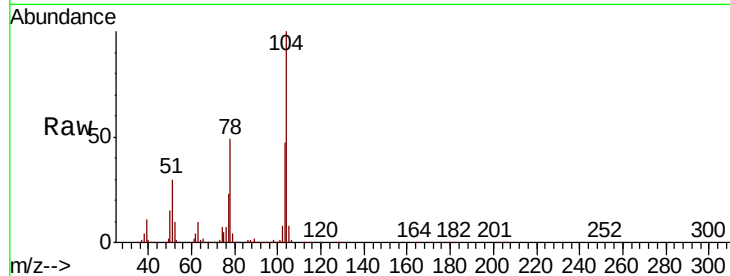
Tot Ion:104 Resp: 2385770

Ion Ratio Lower Upper

104 100

78 53.2 42.6 64.0

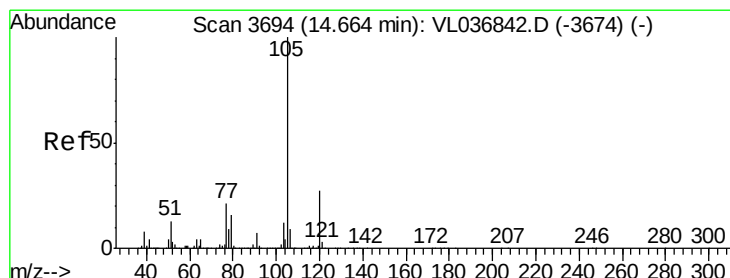
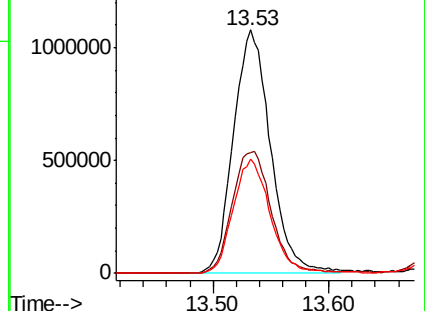
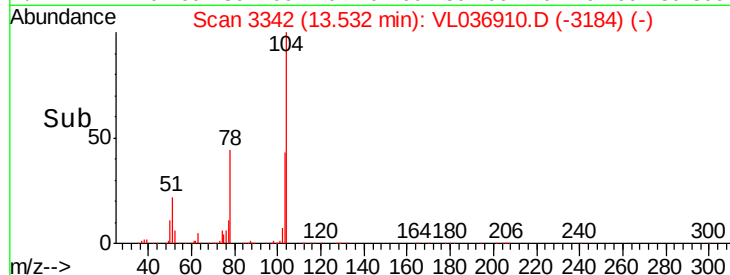
103 47.2 38.1 57.1



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: 8.517 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VL036910.D

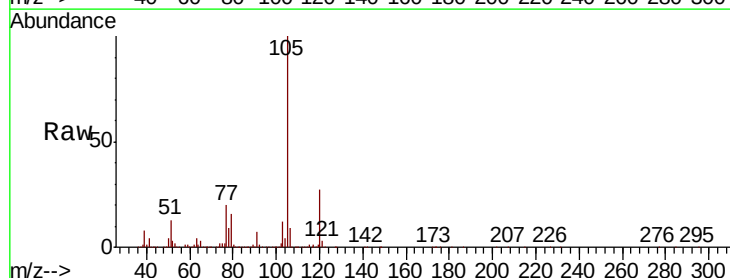
Acq: 6 May 2021 19:14

Tgt Ion:105 Resp: 5574113

Ion Ratio Lower Upper

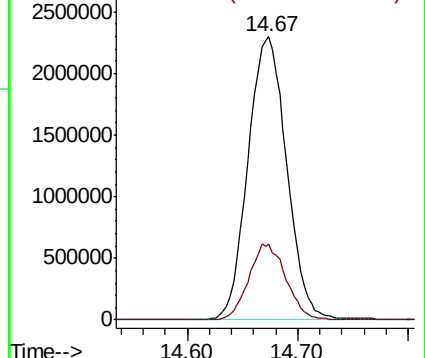
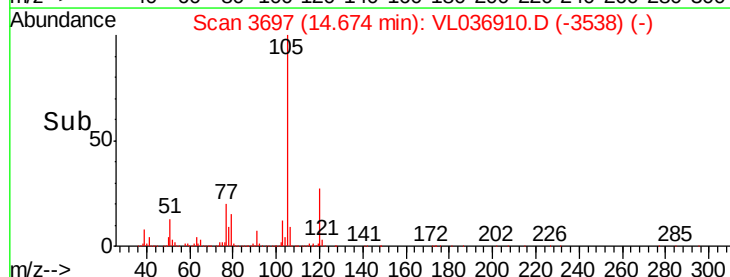
105 100

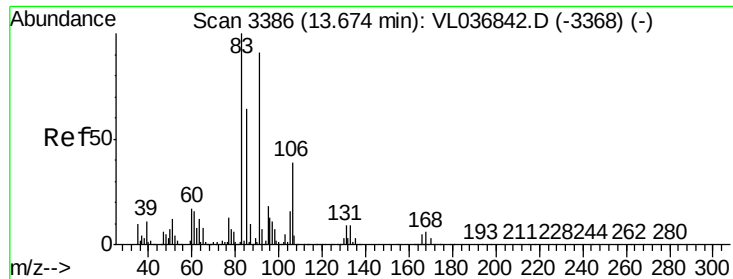
120 26.1 21.1 31.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

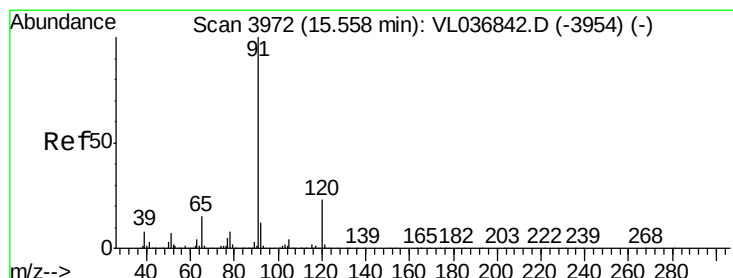
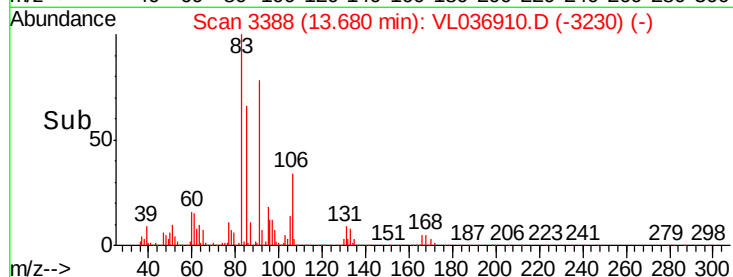
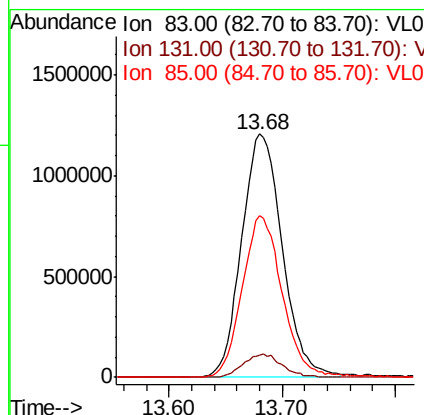
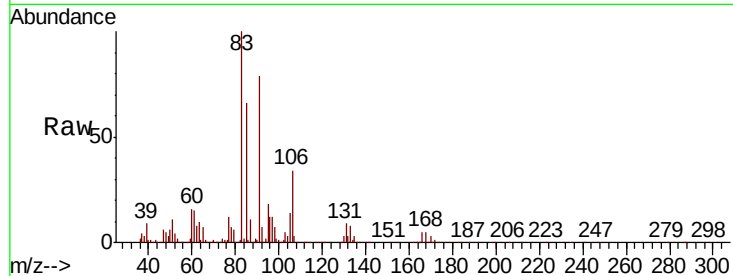




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.827 ppbv
 RT: 13.68 min
 Delta R.T. 0.01 min
 Lab File: VL0506ABS01
 Acq: 6 May 2021 19:14

Tot Ion: 83 Resp: 3018093

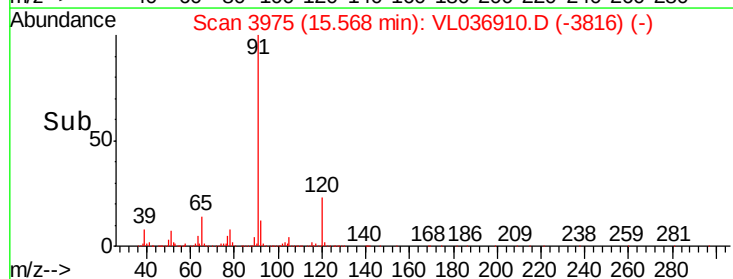
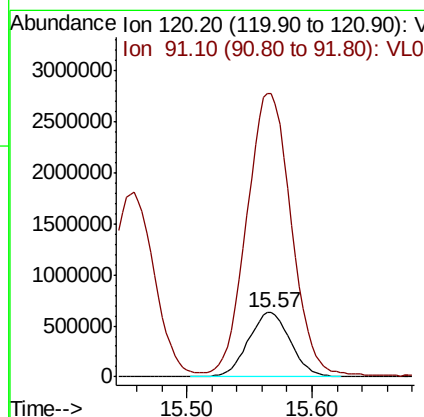
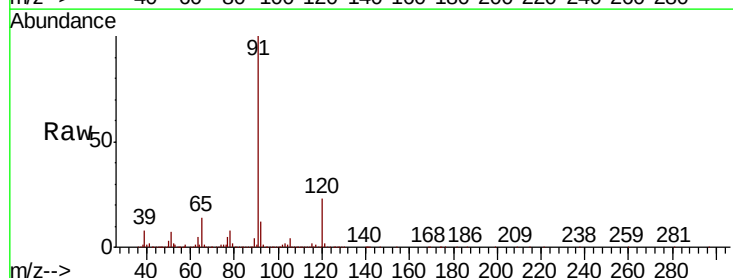
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.8	14.3
85	65.9	32.8	98.4

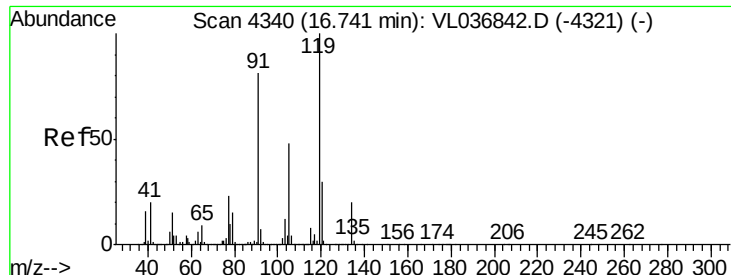


#64
 n-propylbenzene
 Concen: 9.027 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T. 0.01 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

Tgt Ion: 120 Resp: 1472406

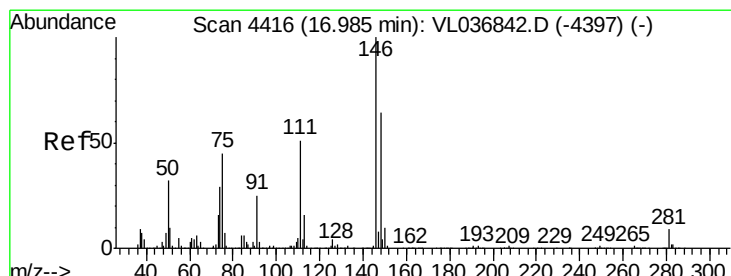
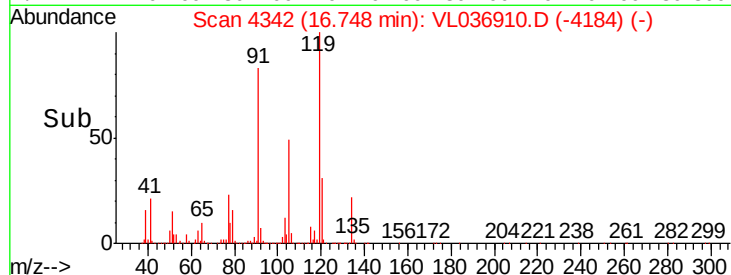
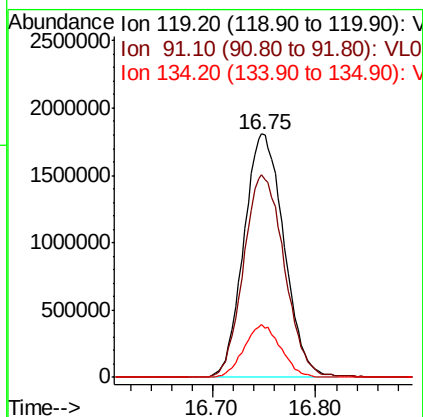
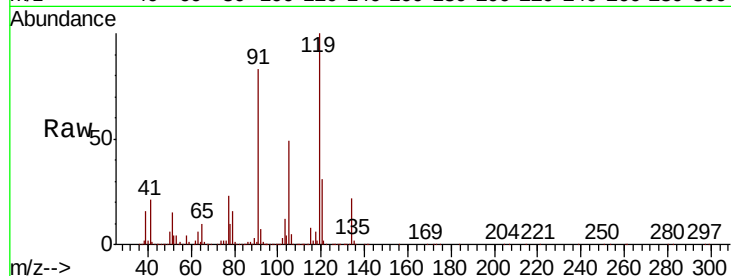
Ion	Ratio	Lower	Upper
120	100		
91	469.3	378.6	567.8





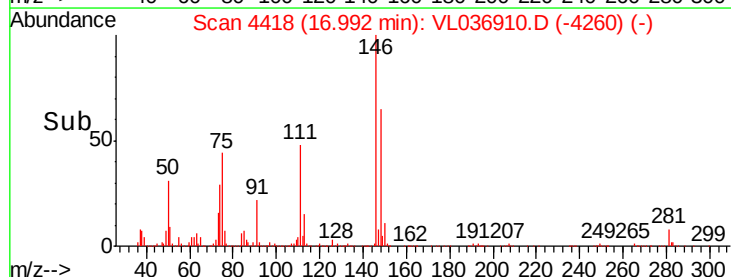
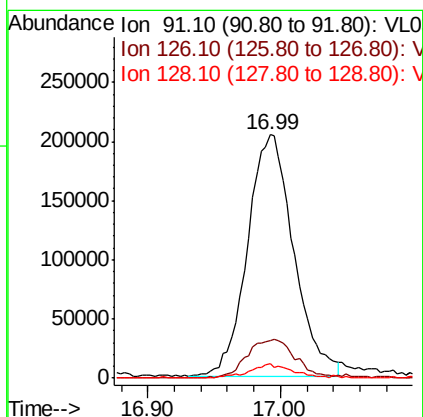
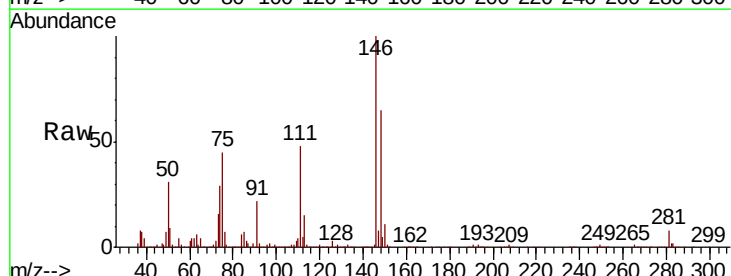
#65
 tert-Butylbenzene
 Concen: 8.428 ppbv
 RT: 16.75
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: VL0506ABS01
 Acq: 6 May 2021 19:14

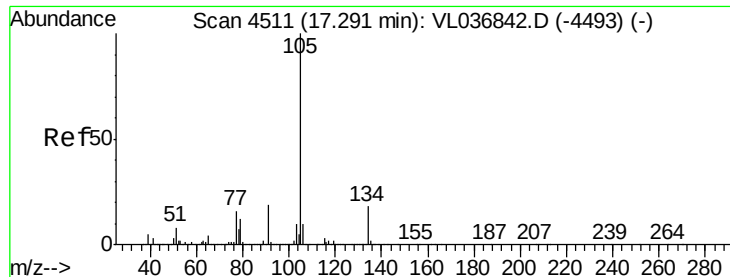
Tot Ion: 119 Resp: 4877107
 Ion Ratio Lower Upper
 119 100
 91 84.9 67.0 100.6
 134 19.8 15.8 23.6



#66
 Benzyl Chloride
 Concen: 8.728 ppbv
 RT: 16.99 min Scan# 4418
 Delta R.T.: 0.01 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

Tgt Ion: 91 Resp: 493797
 Ion Ratio Lower Upper
 91 100
 126 18.0 14.1 21.1
 128 6.0 4.8 7.2





#67

sec-Butylbenzene

Concen: 8.537 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

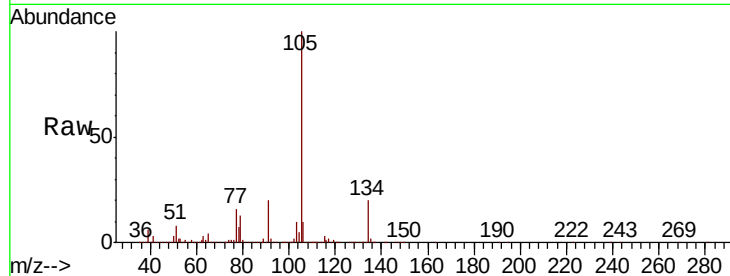
Acq: 6 May 2021 19:14

Tot Ion:105 Resp: 6859410

Ion Ratio Lower Upper

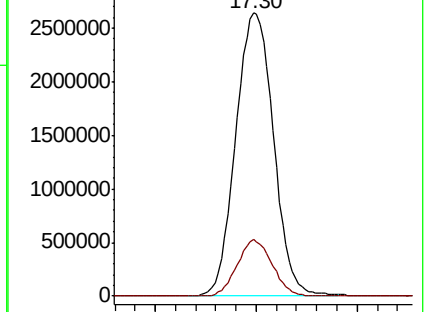
105 100

134 18.6 14.8 22.2

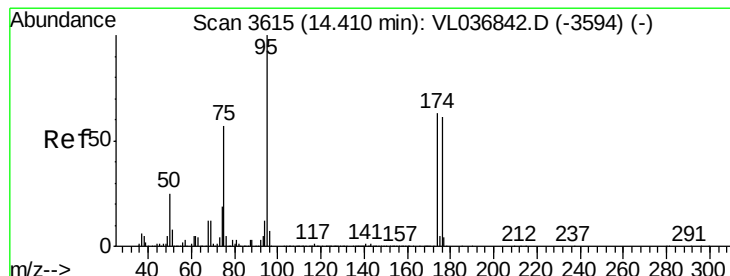
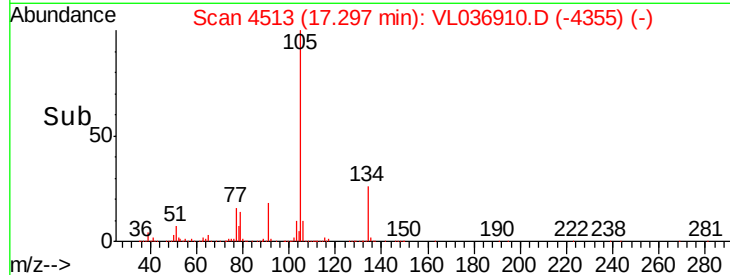


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



Time--> 17.20 17.30 17.40



#68

1-Bromo-4-Fluorobenzene

Concen: 8.063 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL036910.D

Acq: 6 May 2021 19:14

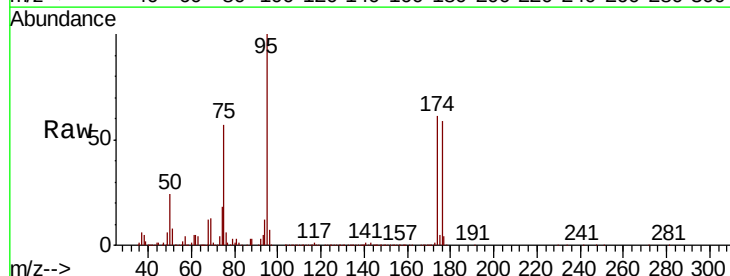
Tgt Ion: 95 Resp: 2840367

Ion Ratio Lower Upper

95 100

174 63.4 52.2 78.2

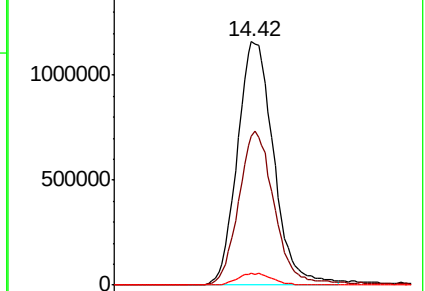
175 4.8 4.0 6.0



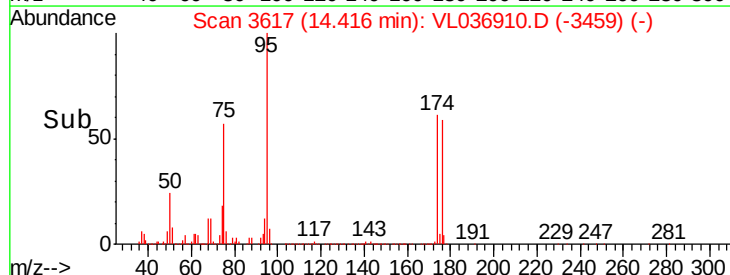
Abundance Ion 95.10 (94.80 to 95.80): VL0

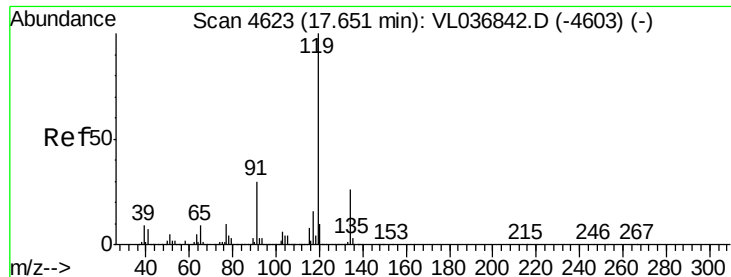
Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



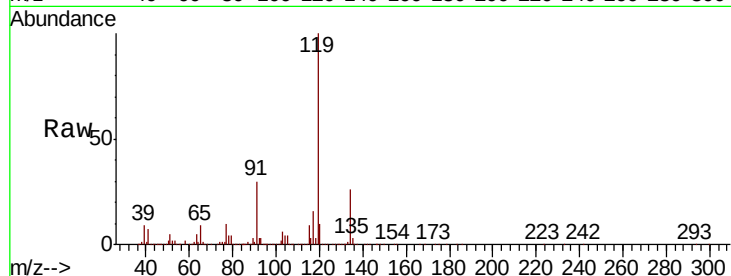
Time--> 14.30 14.40 14.50



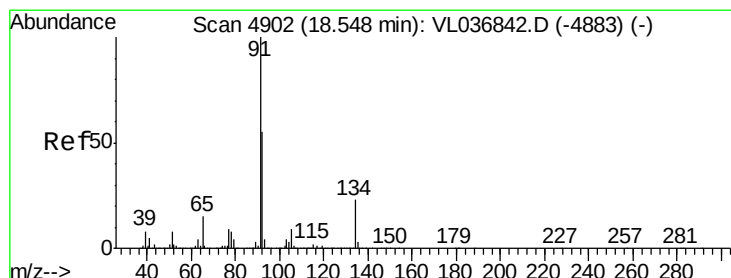
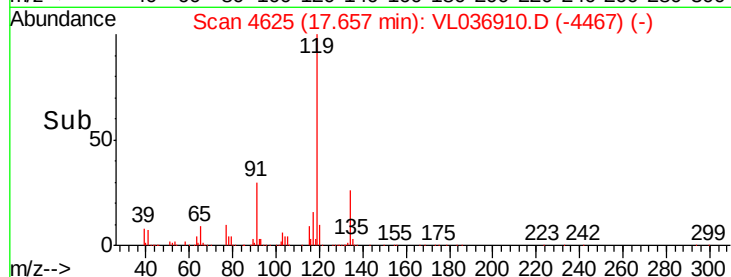
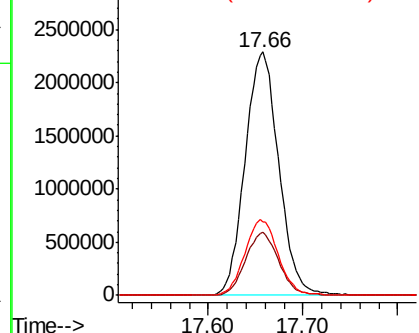


#69
 p-Isopropyltoluene
 Concen: 8.783 ppbv
 RT: 17.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0506ABS01
 Acq: 6 May 2021 19:14

Tot Ion: 119 Resp: 5657935
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.6 31.0
 91 31.0 24.2 36.4

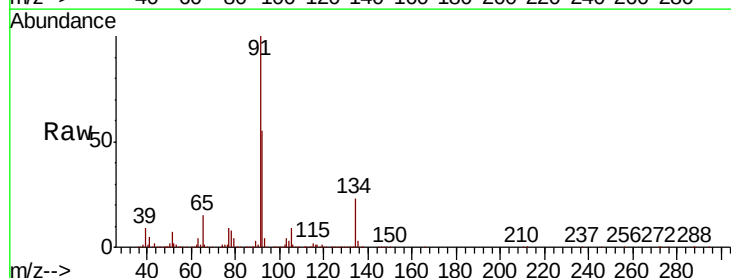


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

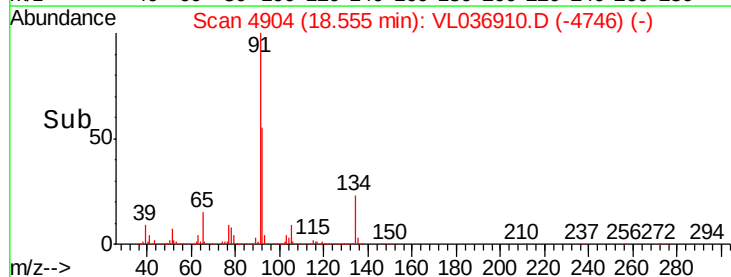
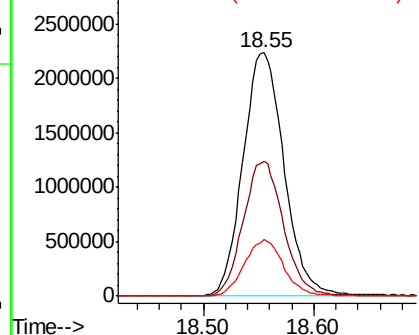


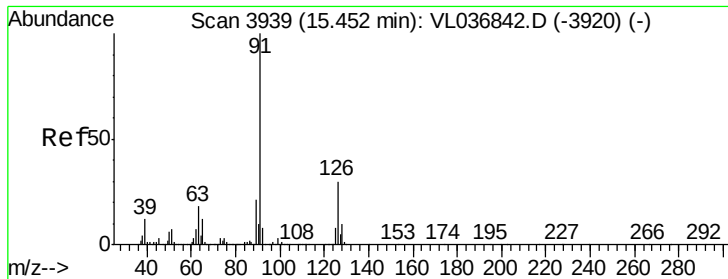
#70
 n-Butylbenzene
 Concen: 8.876 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. 0.01 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

Tgt Ion: 91 Resp: 5763184
 Ion Ratio Lower Upper
 91 100
 92 54.8 43.5 65.3
 134 22.5 18.2 27.4



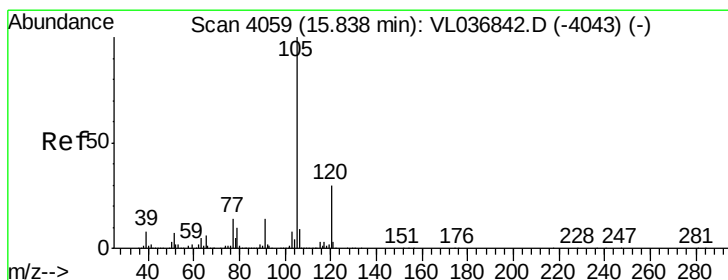
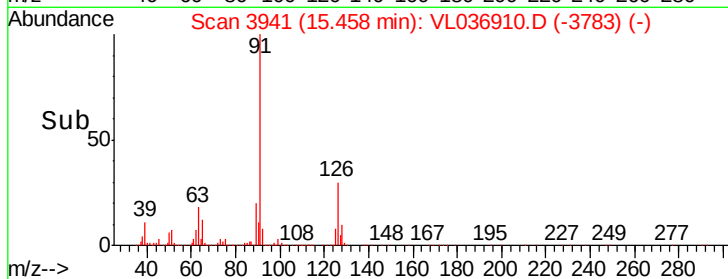
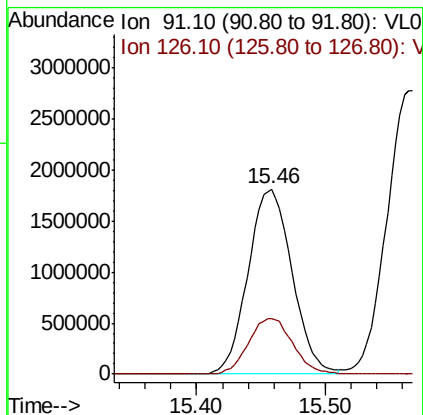
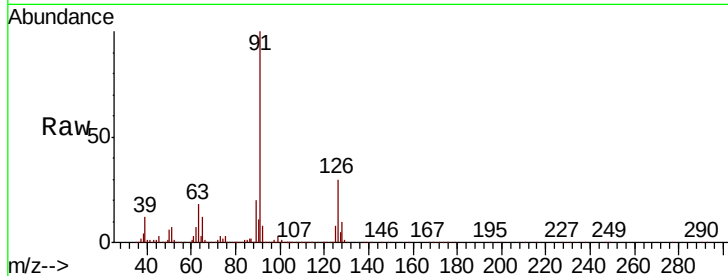
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





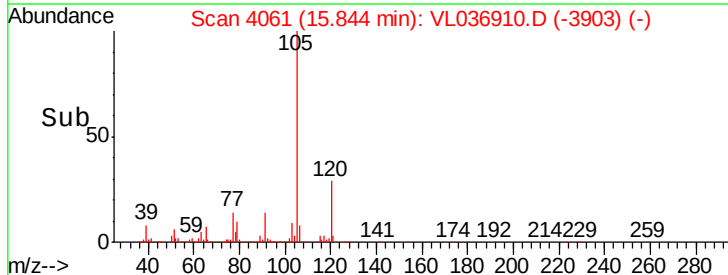
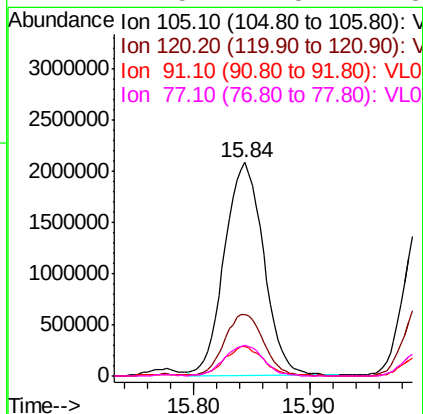
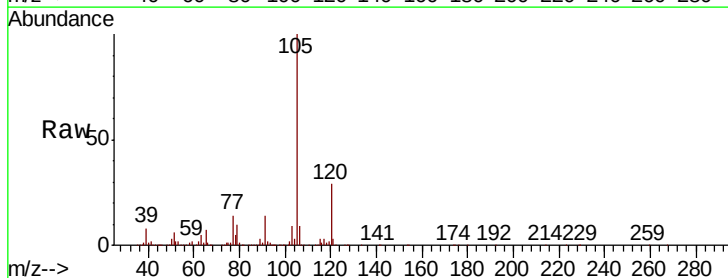
#71
 2-Chlorotoluene
 Concen: 8.897 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0506ABS01
 Acq: 6 May 2021 19:14

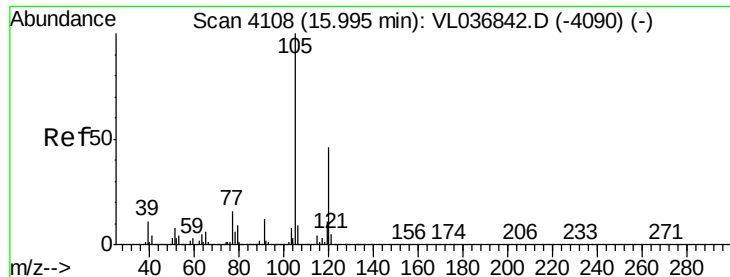
Tot Ion: 91 Resp: 4312305
 Ion Ratio Lower Upper
 91 100
 126 30.8 12.3 49.3



#72
 4-Ethyltoluene
 Concen: 9.422 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T. 0.01 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

Tgt Ion:105 Resp: 4864412
 Ion Ratio Lower Upper
 105 100
 120 29.4 23.8 35.6
 91 13.5 10.7 16.1
 77 14.5 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 8.785 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

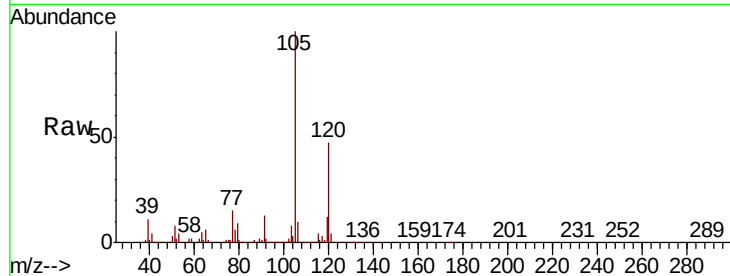
Acq: 6 May 2021 19:14

Tot Ion:105 Resp: 4398688

Ion Ratio Lower Upper

105 100

120 47.1 36.8 55.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.00

2000000

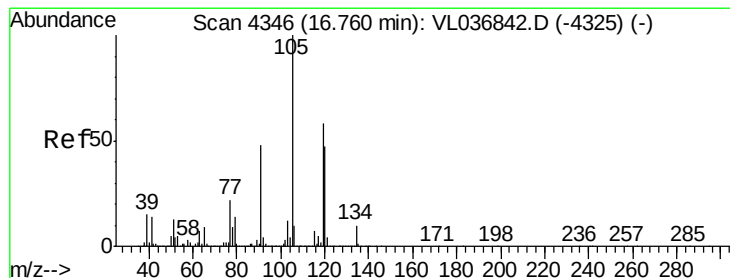
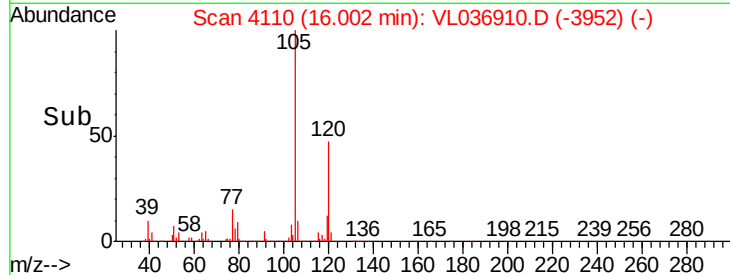
1500000

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 8.461 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. 0.01 min

Lab File: VL036910.D

Acq: 6 May 2021 19:14

Tgt Ion:105 Resp: 4500095

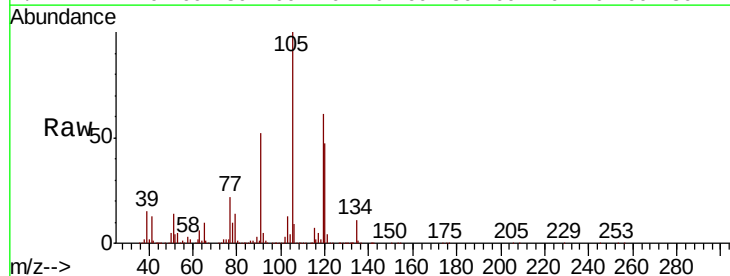
Ion Ratio Lower Upper

105 100

120 46.5 37.6 56.4

91 51.9 39.0 58.4

77 22.3 17.4 26.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

3000000

2500000

2000000

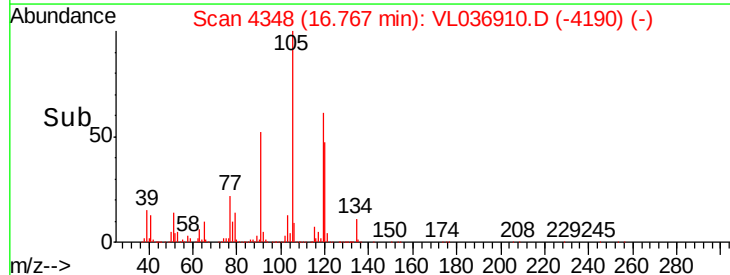
1500000

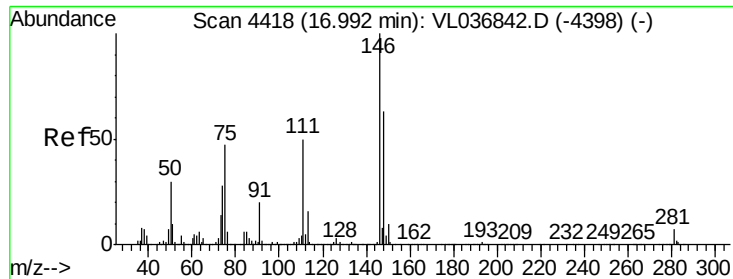
1000000

500000

0

Time-->





#75

1,3-Dichlorobenzene

Concen: 8.357 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:14

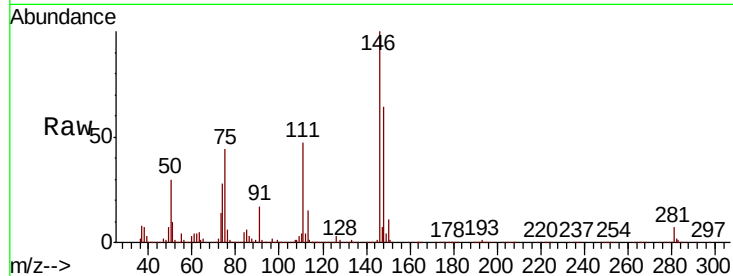
Tot Ion:146 Resp: 2627660

Ion Ratio Lower Upper

146 100

111 48.1 24.2 72.6

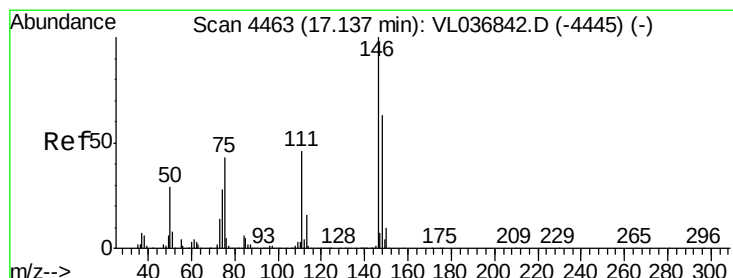
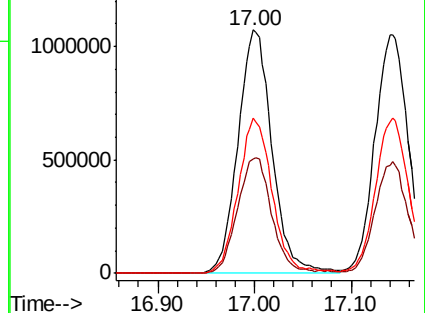
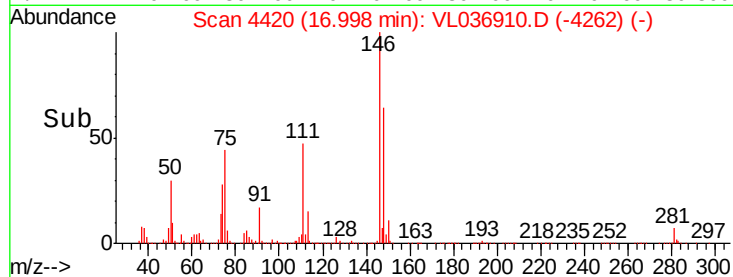
148 63.7 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 8.134 ppbv

RT: 17.14 min Scan# 4464

Delta R.T. 0.00 min

Lab File: VL036910.D

Acq: 6 May 2021 19:14

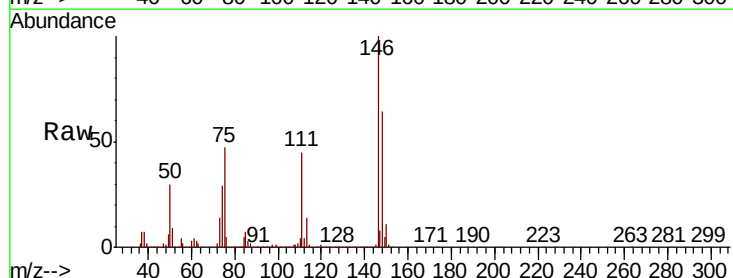
Tgt Ion:146 Resp: 2502664

Ion Ratio Lower Upper

146 100

111 47.7 24.3 72.8

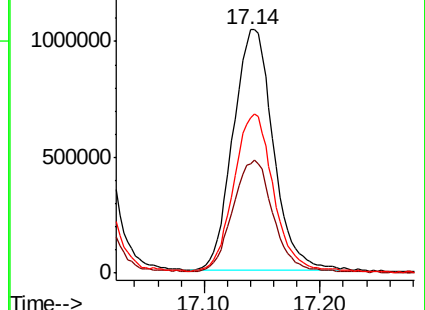
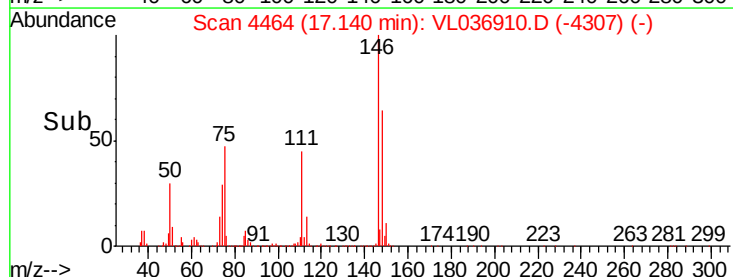
148 65.8 32.4 97.0

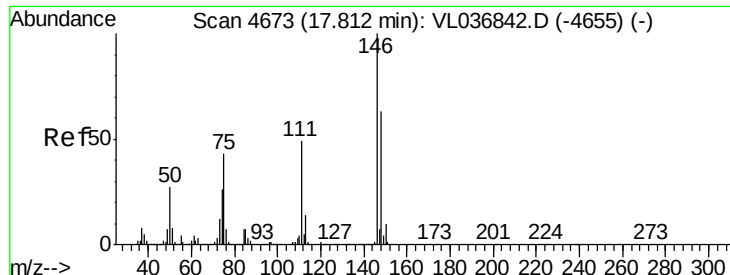


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

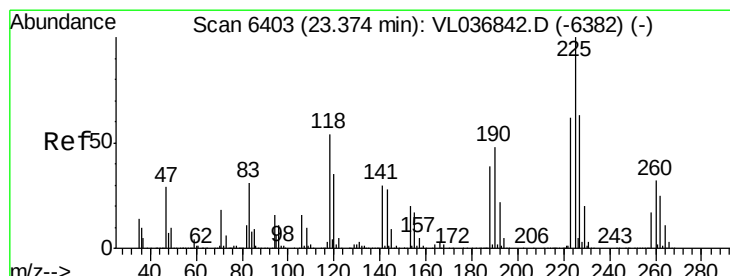
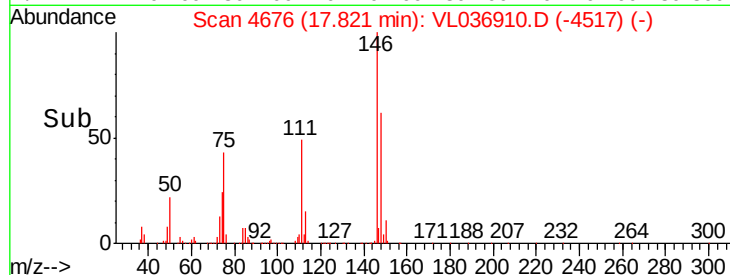
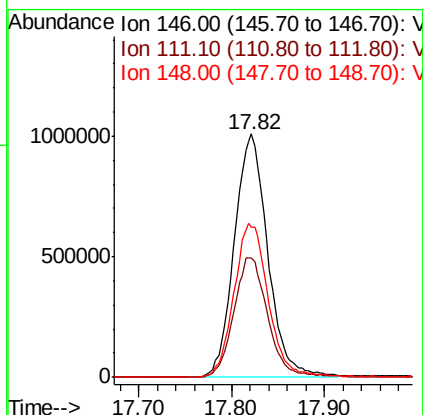
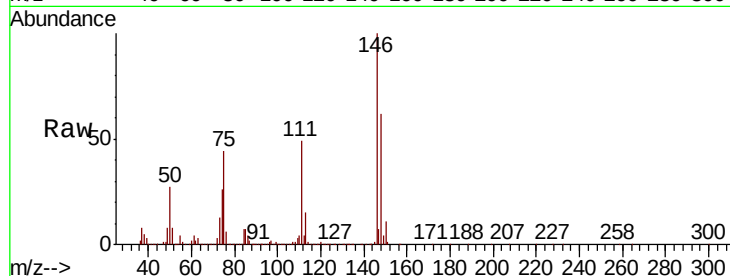
Ion 148.00 (147.70 to 148.70): V





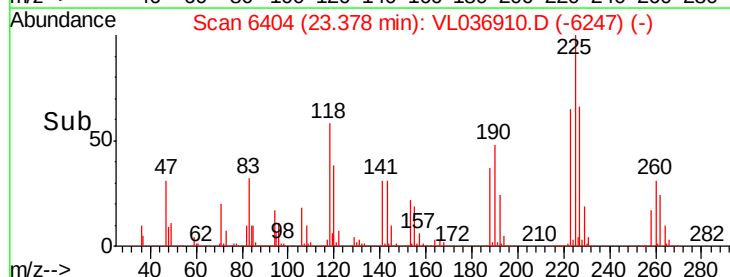
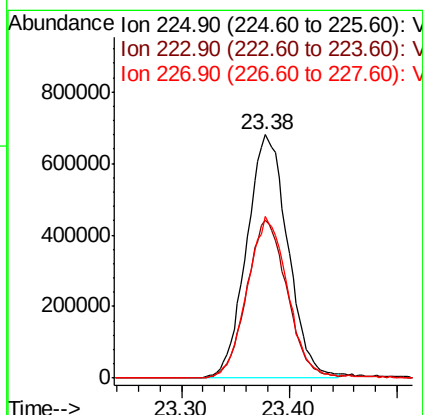
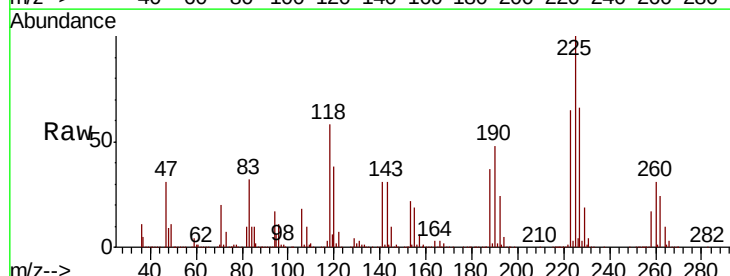
#77
 1,2-Dichlorobenzene
 Concen: 8.173 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0506ABS01
 Acq: 6 May 2021 19:14

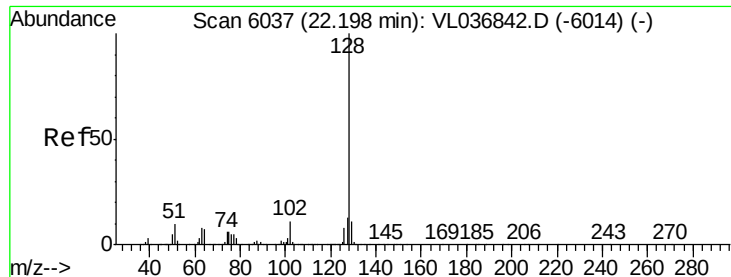
Tot Ion:146 Resp: 2509930
 Ion Ratio Lower Upper
 146 100
 111 50.4 25.0 75.0
 148 65.5 32.4 97.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.914 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T. 0.00 min
 Lab File: VL036910.D
 Acq: 6 May 2021 19:14

Tgt Ion:225 Resp: 1804032
 Ion Ratio Lower Upper
 225 100
 223 64.6 51.2 76.8
 227 65.8 51.8 77.6





#79

Naphthalene

Concen: 9.424 ppbv

RT: 22.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:14

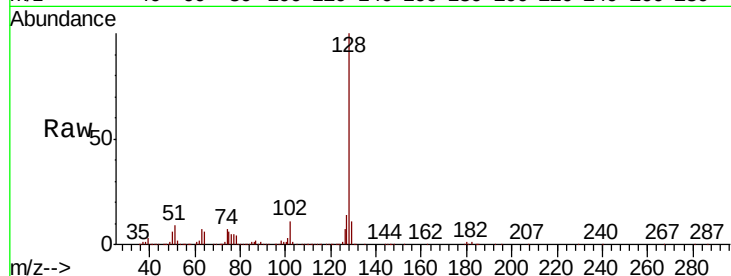
Tot Ion:128 Resp: 2807078

Ion Ratio Lower Upper

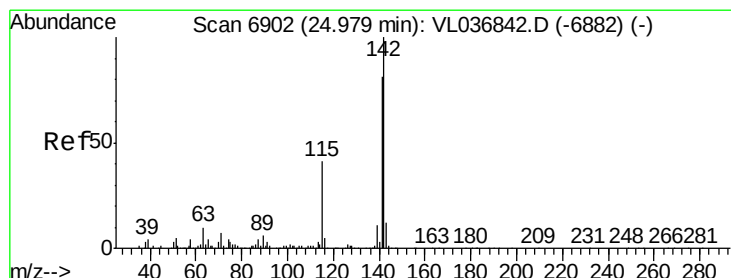
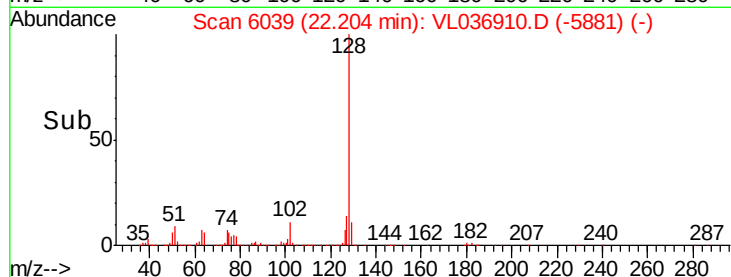
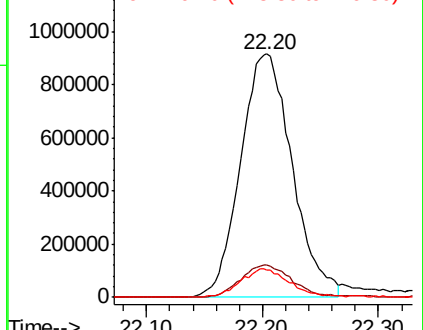
128 100

127 13.5 10.6 15.8

129 11.0 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: 8.707 ppbv

RT: 24.99 min Scan# 6904

Delta R.T. 0.01 min

Lab File: VL036910.D

Acq: 6 May 2021 19:14

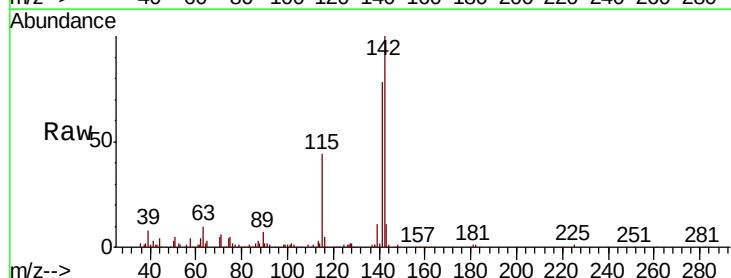
Tgt Ion:142 Resp: 286022

Ion Ratio Lower Upper

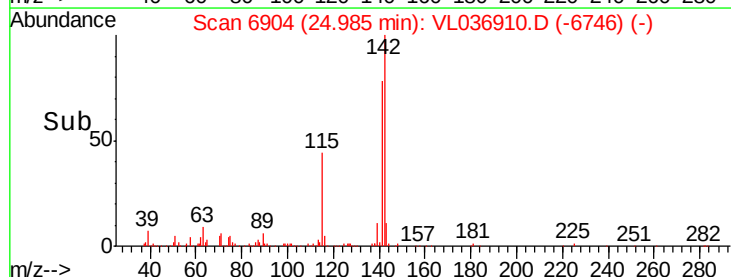
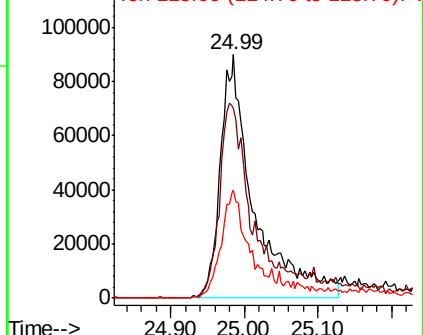
142 100

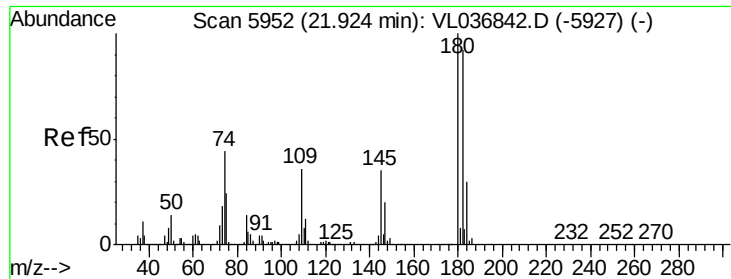
141 82.3 62.6 93.8

115 42.5 32.0 48.0



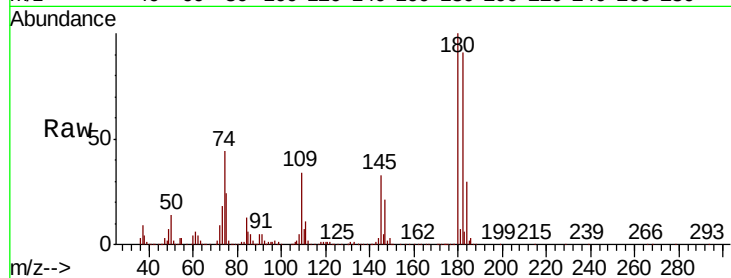
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.684 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 19:14

Tot Ion:180 Resp: 1673266
 Ion Ratio Lower Upper
 180 100
 182 100.8 80.9 121.3
 184 31.6 25.3 37.9



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

