

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036840.D
 Acq On : 21 Apr 2021 2:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 21 06:40:43 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	5.68	49	1198119	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3136894	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.11	117	2882374	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2271333	9.89	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	1785143	9.135	ppbv 98
3) Chlorodifluoromethane	2.99	51	2324923	10.386	ppbv 100
4) Chloromethane	3.14	50	729681	9.228	ppbv 100
5) Vinyl Chloride	3.26	62	719317	8.848	ppbv 99
6) Bromomethane	3.48	94	376866	8.419	ppbv 92
7) Chloroethane	3.56	64	270947	9.699	ppbv 93
8) Dichlorotetrafluoroethane	3.19	85	1760319	9.438	ppbv 98
9) Propene	3.02	41	725876	10.172	ppbv 98
10) Heptane	8.14	43	1894267	10.420	ppbv 100
11) Trichlorofluoromethane	3.96	101	1748205	8.778	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1163693	9.139	ppbv 99
13) Ethanol	3.62	45	63479	7.470	ppbv 96
14) Bromoethene	3.75	108	490193	9.260	ppbv 99
15) Acetone	3.86	43	926804	7.859	ppbv 97
16) 1,3-Butadiene	3.33	39	804839	9.803	ppbv 97
17) tert-Butyl alcohol	4.30	59	1085917	10.578	ppbv 100
18) 1,1-Dichloroethene	4.30	96	516019	9.111	ppbv 91
19) Isopropyl Alcohol	3.98	45	622456	9.596	ppbv 99
20) Methylene Chloride	4.35	84	430489	7.797	ppbv 91
21) Allyl Chloride	4.42	41	844543	8.984	ppbv 100
22) trans-1,2-Dichloroethene	4.89	96	527792	10.052	ppbv 97
23) Vinyl Acetate	5.09	43	1981602	9.824	ppbv # 97
24) 1,1-Dichloroethane	5.02	63	1149522	7.818	ppbv 99
25) Ethyl Acetate	5.69	43	2820947	10.062	ppbv 99
26) Hexane	5.70	57	1346828	10.352	ppbv 97
27) Carbon Disulfide	4.56	76	1242989	9.698	ppbv 99
28) Methyl tert-Butyl Ether	5.05	73	1279706	8.341	ppbv 98
29) Chloroform	5.76	83	2084645	10.019	ppbv 98
30) Cyclohexane	7.14	84	1115722	10.574	ppbv 99
31) cis-1,2-Dichloroethene	5.56	61	1317210	10.468	ppbv 99
32) 1,1,1-Trichloroethane	6.53	97	2114684	10.085	ppbv 100
34) 2-Butanone	5.26	43	1299335	8.486	ppbv 99
35) Carbon Tetrachloride	7.03	117	2204824	9.151	ppbv 98
36) Benzene	6.91	78	2821214	9.752	ppbv 98
37) 1,2-Dichloroethane	6.32	62	1574938	9.249	ppbv 99
38) Trichloroethene	7.85	130	1017639	9.039	ppbv 97
39) 1,2-Dichloropropane	7.63	63	1092959	9.313	ppbv 100
40) 1,4-Dioxane	7.85	88	104562	3.828	ppbv # 1
41) Tetrahydrofuran	6.07	42	617251	8.743	ppbv 97
42) Bromodichloromethane	7.81	83	2232828	9.640	ppbv 99
43) Methyl Methacrylate	8.03	69	1055631	10.866	ppbv 99

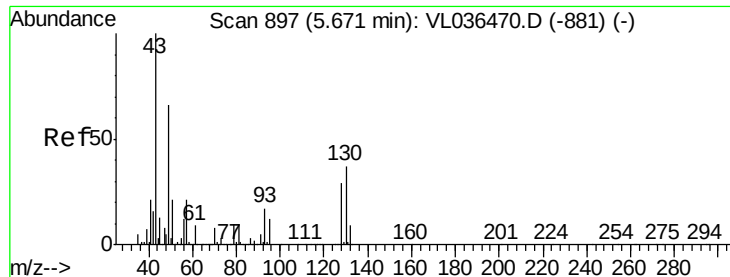
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	4763811	9.356	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	925360	8.342	ppbv	97
46) cis-1,3-Dichloropropene	8.72	75	1199364	8.458	ppbv	97
47) 1,1,2-Trichloroethane	9.49	97	1134772	9.546	ppbv	96
48) Dibromochloromethane	10.32	129	1880830	10.380	ppbv	99
49) Bromoform	13.06	173	1549210	10.611	ppbv	98
50) 4-Methyl-2-Pentanone	8.76	43	2014774	9.094	ppbv	100
51) 2-Hexanone	10.16	43	1076296	9.626	ppbv #	100
52) Tetrachloroethene	11.24	164	971542	9.120	ppbv	97
53) Toluene	9.83	91	3158229	10.251	ppbv	99
54) 1,2-Dibromoethane	10.63	107	1625184	9.681	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.15	131	1304767	10.008	ppbv	98
57) Chlorobenzene	12.17	112	2341485	9.547	ppbv	98
58) Ethyl Benzene	12.73	91	4247909	10.130	ppbv	98
59) m/p-Xylene	13.02	91	3883923	10.619	ppbv #	41
60) o-Xylene	13.72	91	3391515	9.590	ppbv	99
61) Styrene	13.55	104	1811741	10.183	ppbv	100
62) Isopropylbenzene	14.69	105	4732762	9.937	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	2494906	9.248	ppbv	99
64) n-propylbenzene	15.58	120	1245976	10.701	ppbv	99
65) tert-Butylbenzene	16.77	119	4162055	10.078	ppbv	99
66) Benzyl Chloride	17.01	91	334071	7.319	ppbv	98
67) sec-Butylbenzene	17.32	105	5807689	9.963	ppbv	100
69) p-Isopropyltoluene	17.67	119	4848692	10.651	ppbv	98
70) n-Butylbenzene	18.57	91	4887517	10.355	ppbv	99
71) 2-Chlorotoluene	15.47	91	3648415	10.223	ppbv	99
72) 4-Ethyltoluene	15.86	105	4059249	10.475	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	3609946	9.981	ppbv	100
74) 1,2,4-Trimethylbenzene	16.79	105	3775650	9.755	ppbv	94
75) 1,3-Dichlorobenzene	17.02	146	2264516	10.394	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	2150402	9.941	ppbv	99
77) 1,2-Dichlorobenzene	17.84	146	2188749	10.688	ppbv	98
78) Hexachloro-1,3-Butadiene	23.40	225	1685492	9.190	ppbv	98
79) Naphthalene	22.22	128	2436478	10.788	ppbv	99
80) Naphthalene, 2-methyl-	25.00	142	331822	7.450	ppbv	93
81) 1,2,4-Trichlorobenzene	21.96	180	1509257	10.823	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Apr 2021 2:49

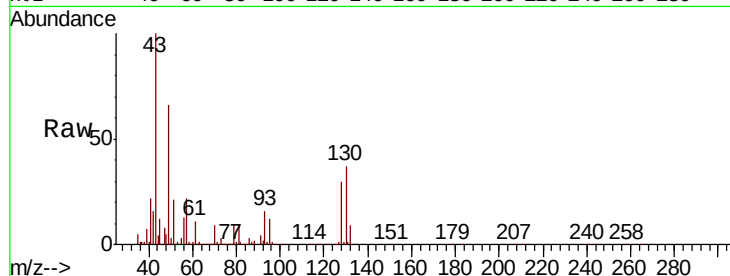
Tot Ion: 49 Resp: 1198119

Ion Ratio Lower Upper

49 100

128 50.2 23.5 70.6

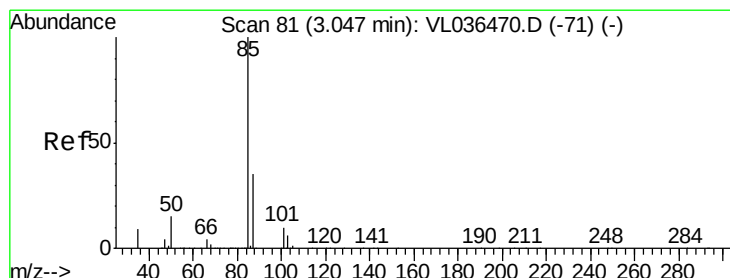
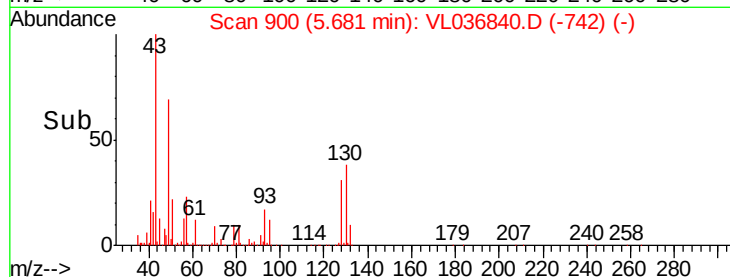
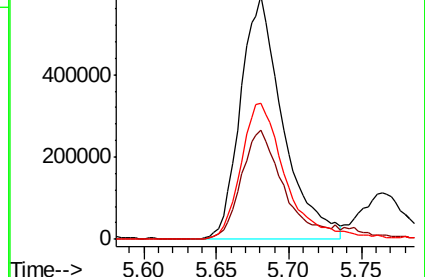
130 60.7 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 9.135 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL036840.D

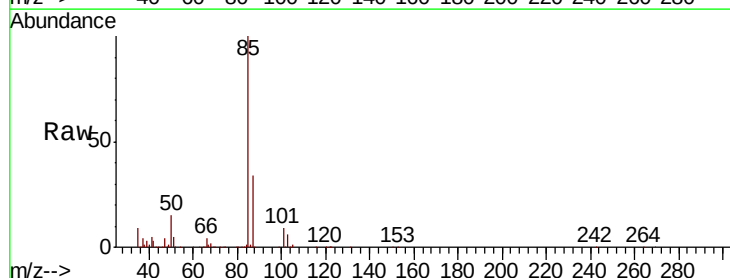
Acq: 21 Apr 2021 2:49

Tgt Ion: 85 Resp: 1785143

Ion Ratio Lower Upper

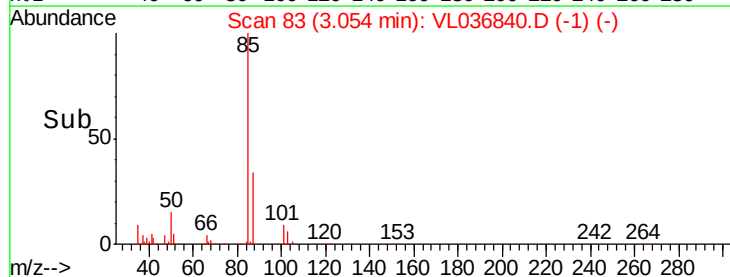
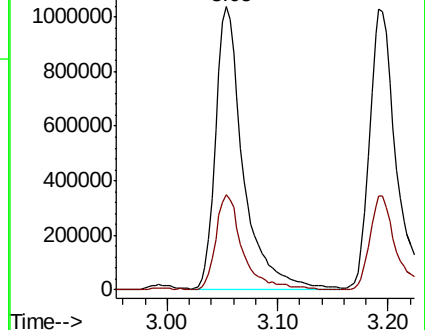
85 100

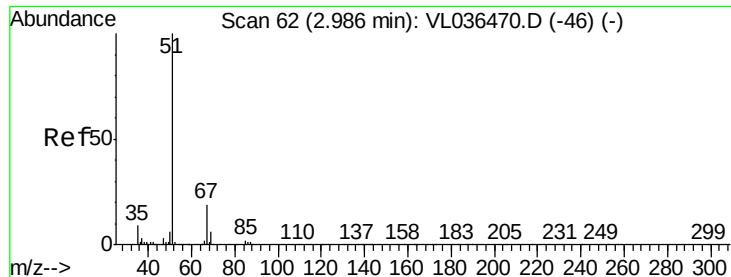
87 33.5 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.386 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

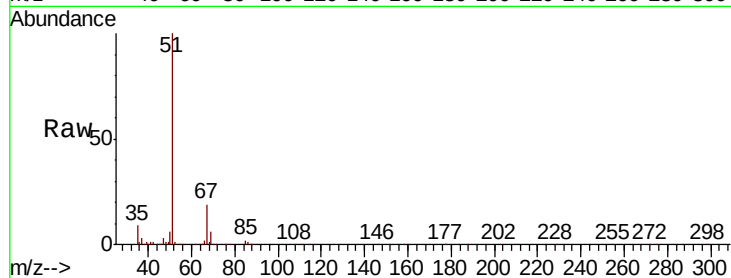
Acq: 21 Apr 2021 2:49

Tot Ion: 51 Resp: 2324923

Ion Ratio Lower Upper

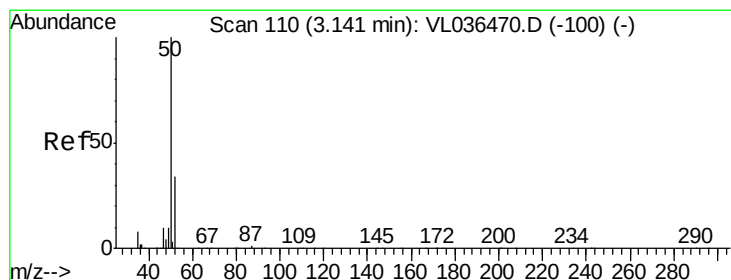
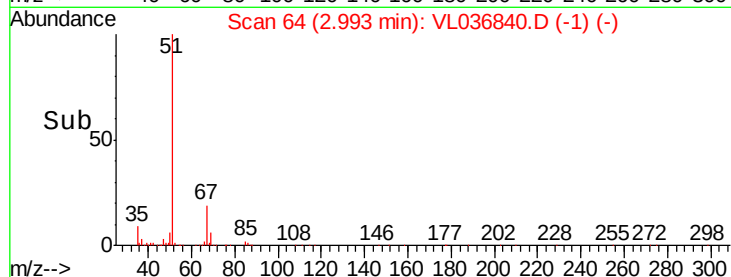
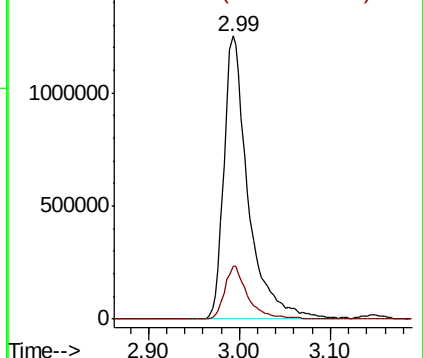
51 100

67 18.2 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: 9.228 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL036840.D

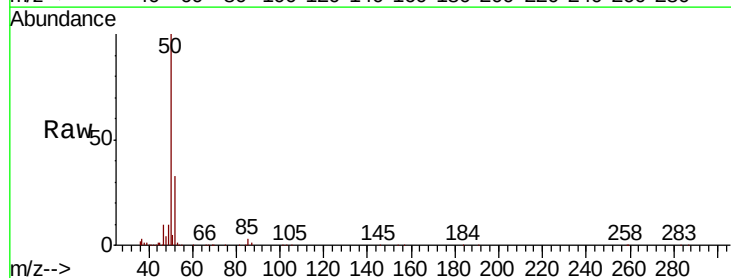
Acq: 21 Apr 2021 2:49

Tgt Ion: 50 Resp: 729681

Ion Ratio Lower Upper

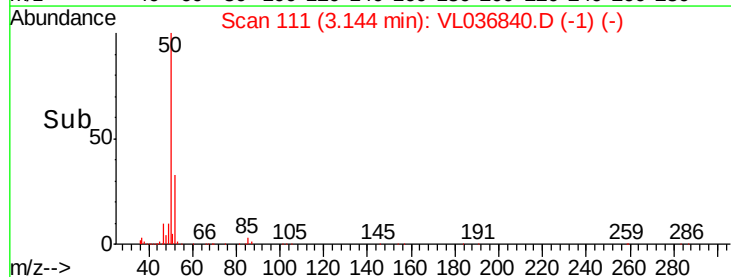
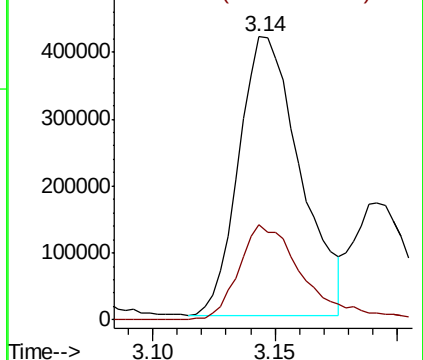
50 100

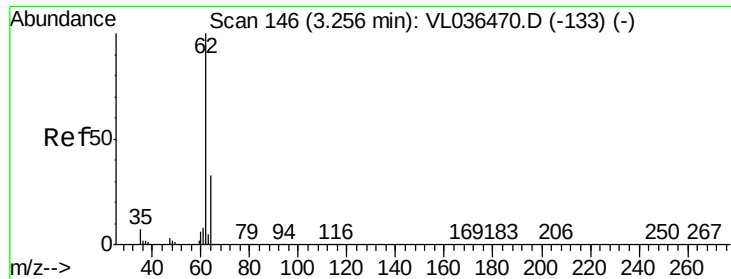
52 33.8 27.0 40.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 8.848 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

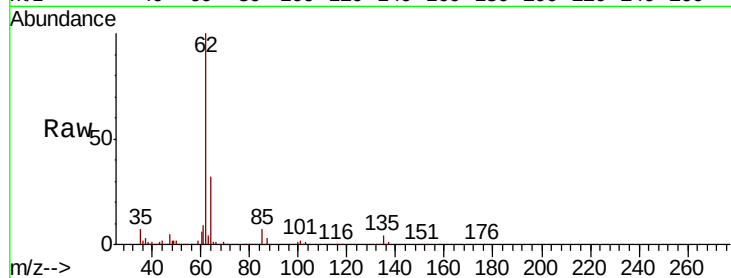
Acq: 21 Apr 2021 2:49

Tot Ion: 62 Resp: 719317

Ion Ratio Lower Upper

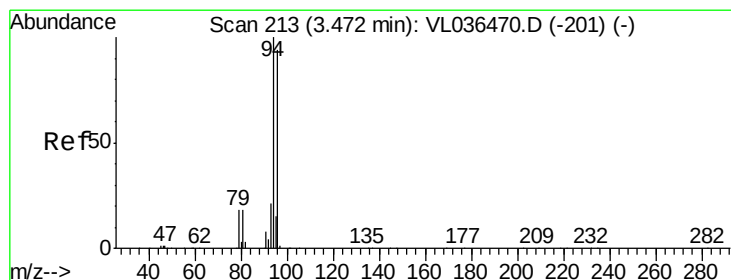
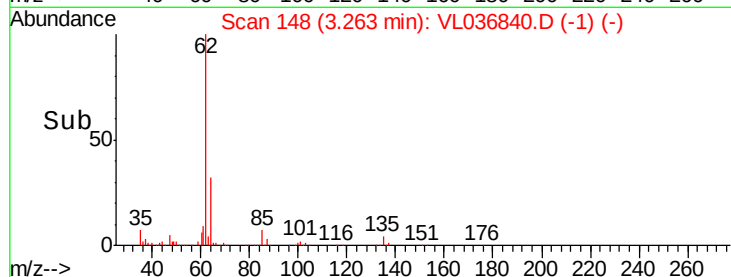
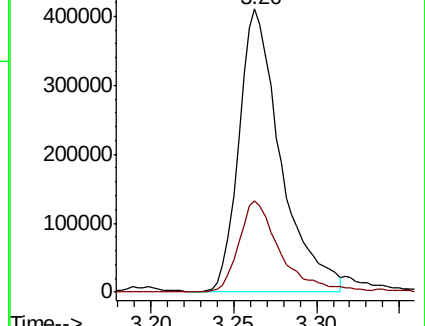
62 100

64 32.3 26.4 39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.419 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL036840.D

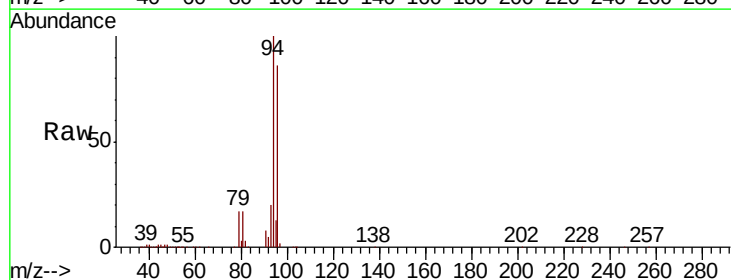
Acq: 21 Apr 2021 2:49

Tgt Ion: 94 Resp: 376866

Ion Ratio Lower Upper

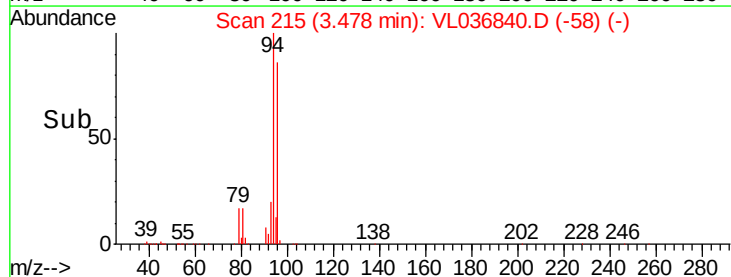
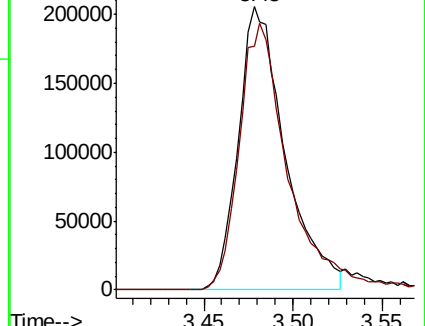
94 100

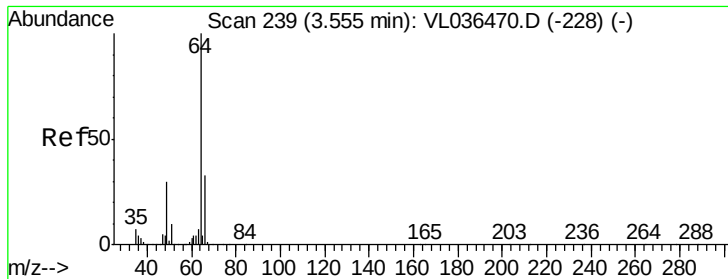
96 86.0 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.699 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

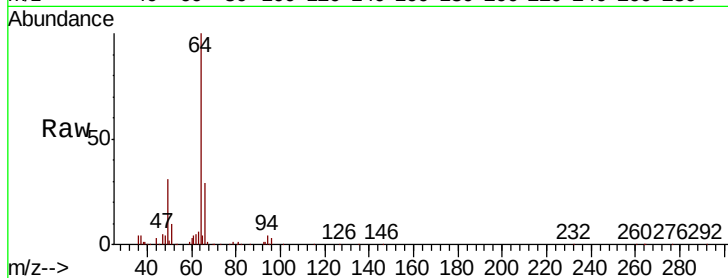
Acq: 21 Apr 2021 2:49

Tot Ion: 64 Resp: 270947

Ion Ratio Lower Upper

64 100

66 28.8 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

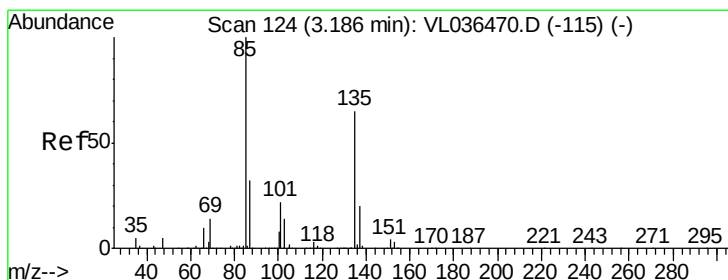
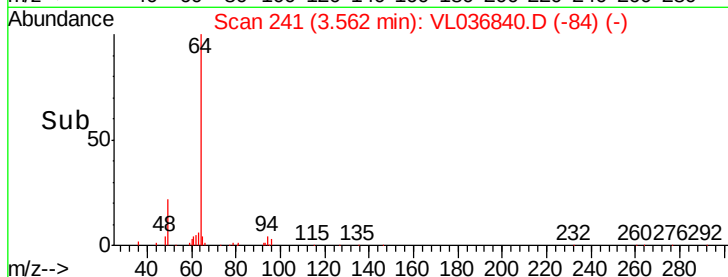
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.438 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036840.D

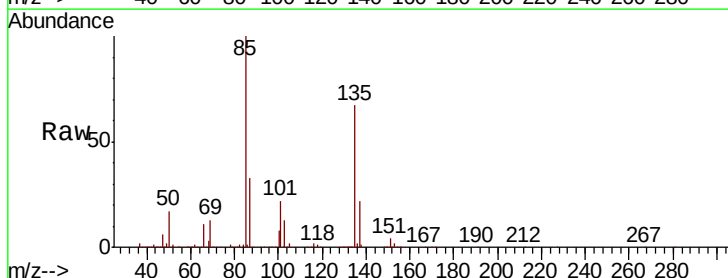
Acq: 21 Apr 2021 2:49

Tgt Ion: 85 Resp: 1760319

Ion Ratio Lower Upper

85 100

135 69.8 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

1200000

1000000

800000

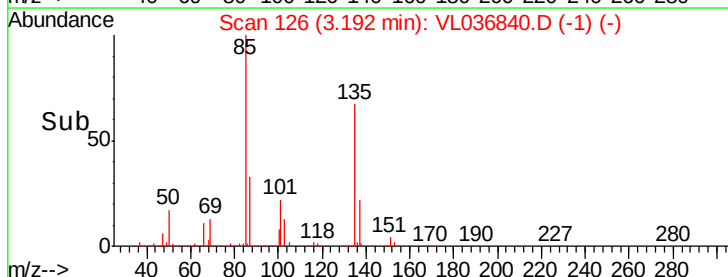
600000

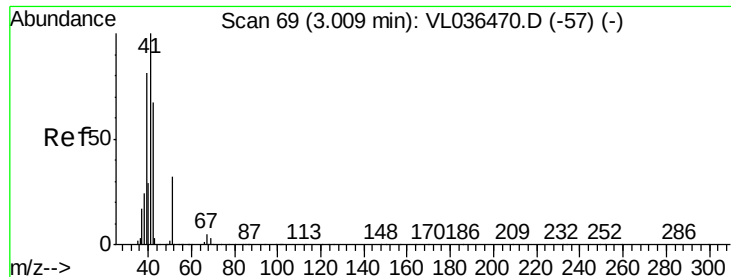
400000

200000

0

Time-->





#9

Propene

Concen: 10.172 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

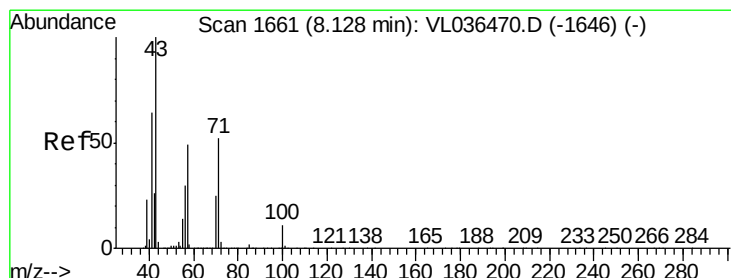
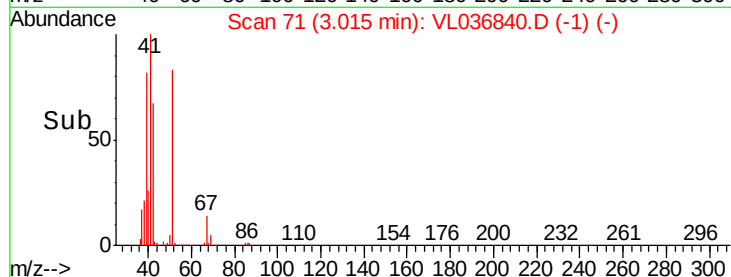
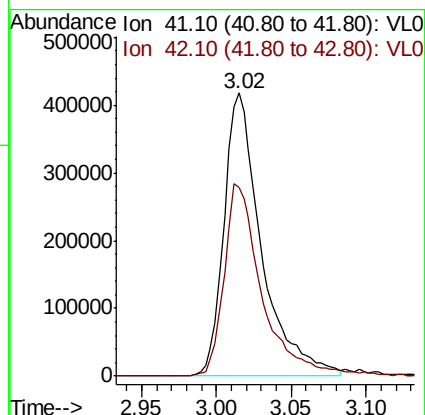
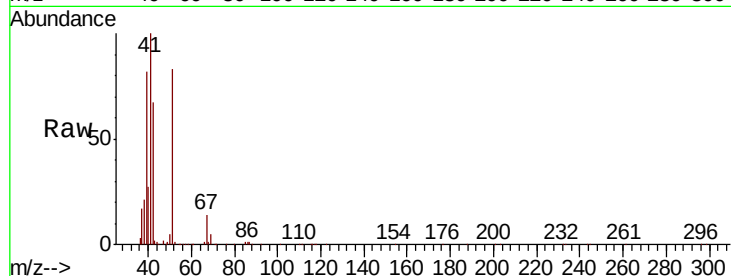
Acq: 21 Apr 2021 2:49

Tot Ion: 41 Resp: 725876

Ion Ratio Lower Upper

41 100

42 69.4 57.0 85.4



#10

Heptane

Concen: 10.420 ppbv

RT: 8.14 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VL036840.D

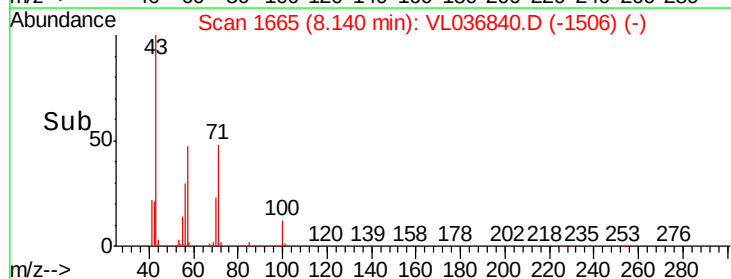
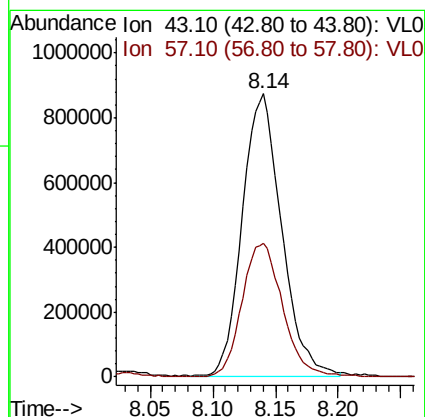
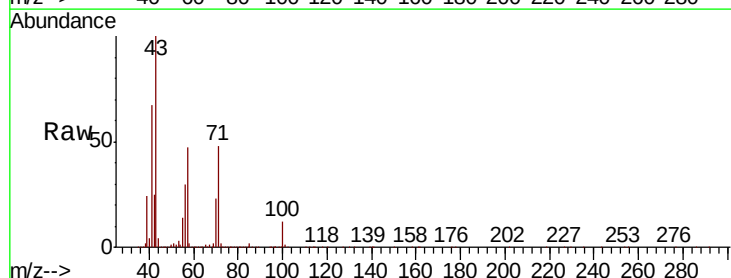
Acq: 21 Apr 2021 2:49

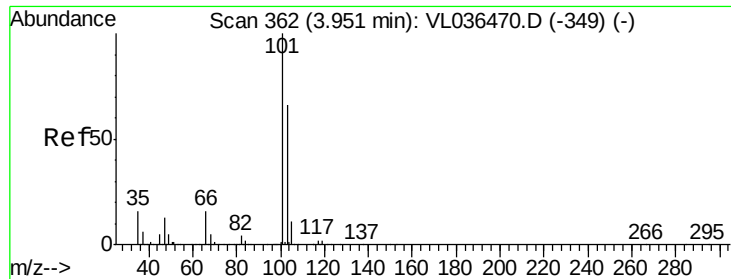
Tgt Ion: 43 Resp: 1894267

Ion Ratio Lower Upper

43 100

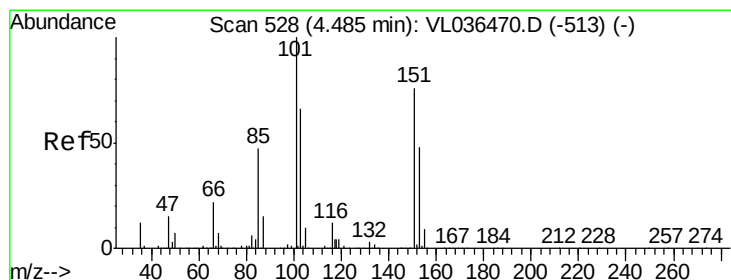
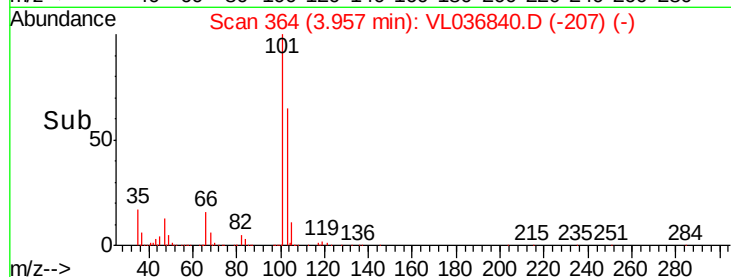
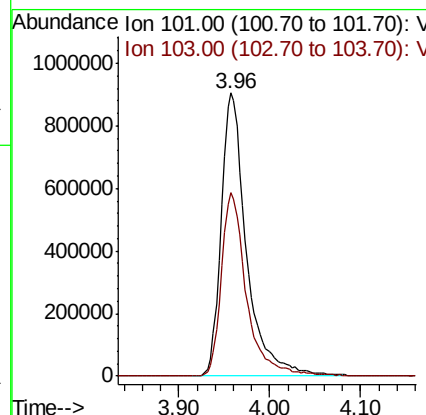
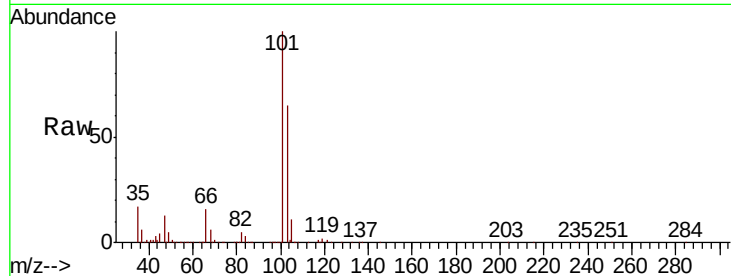
57 48.9 39.0 58.6





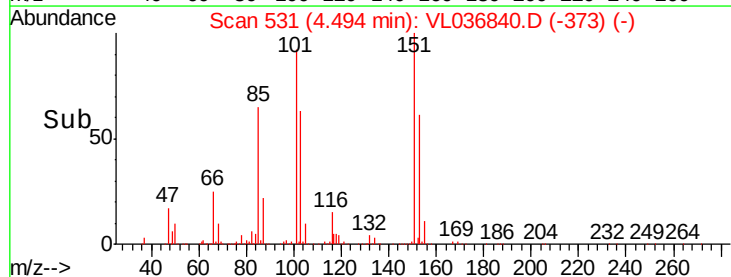
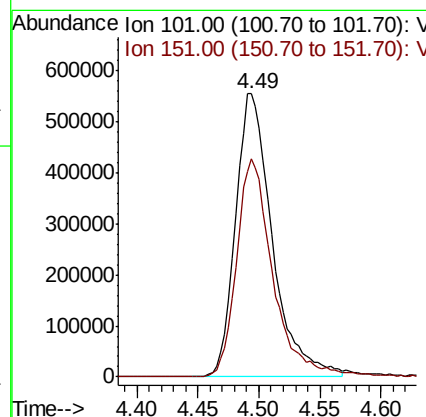
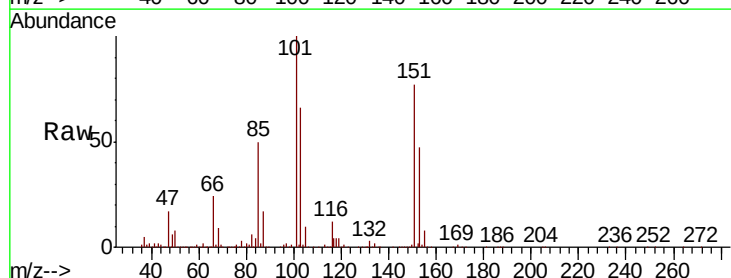
#11
 Trichlorofluoromethane
 Concen: 8.778 ppbv
 RT: 3.96 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 21 Apr 2021 2:49

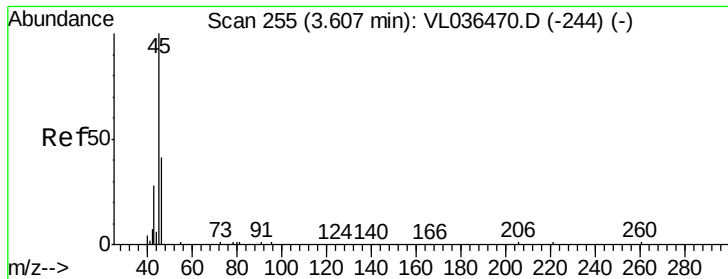
Tot Ion:101 Resp: 1748205
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.139 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

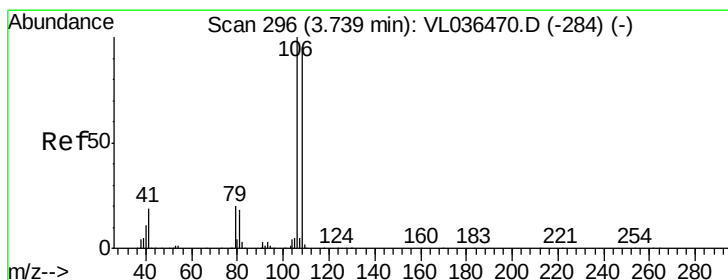
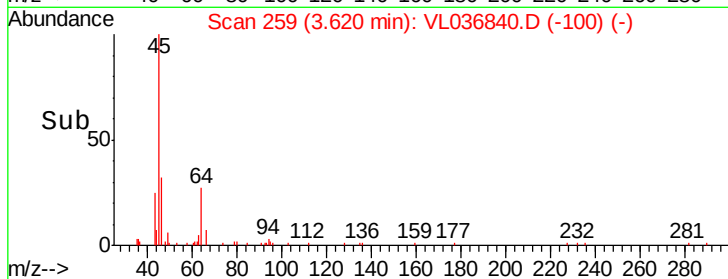
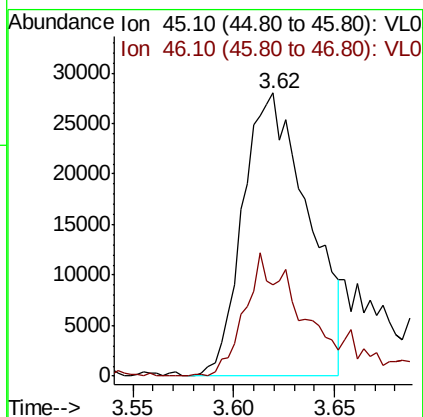
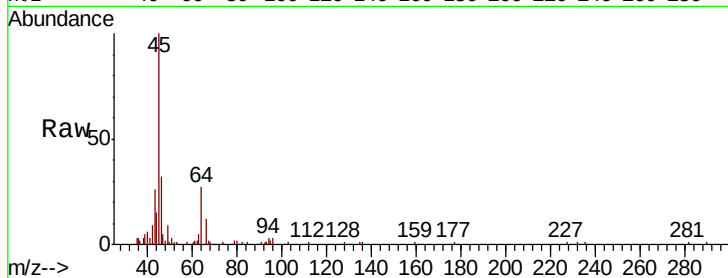
Tgt Ion:101 Resp: 1163693
 Ion Ratio Lower Upper
 101 100
 151 76.8 60.9 91.3





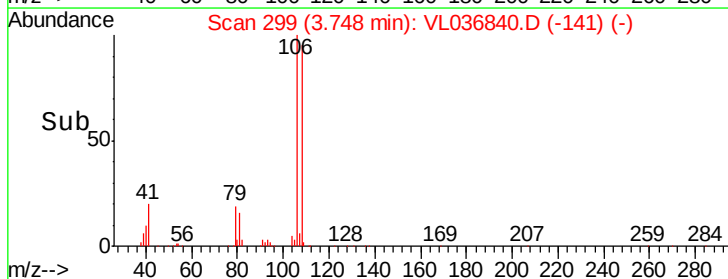
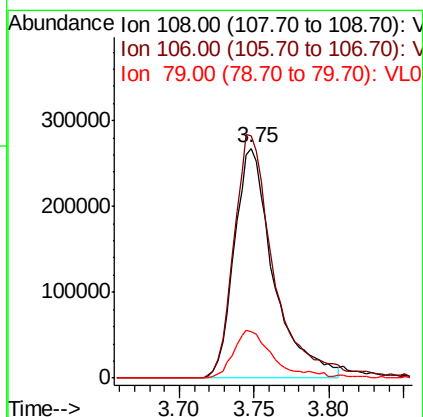
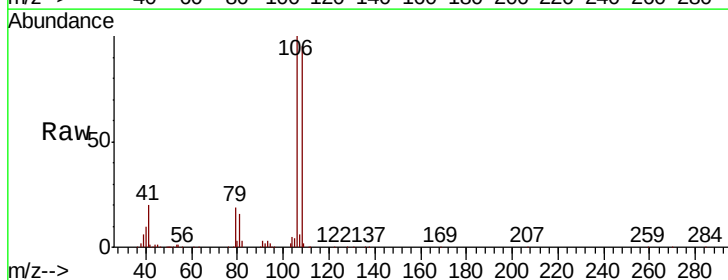
#13
Ethanol
Concen: 7.470 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Apr 2021 2:49

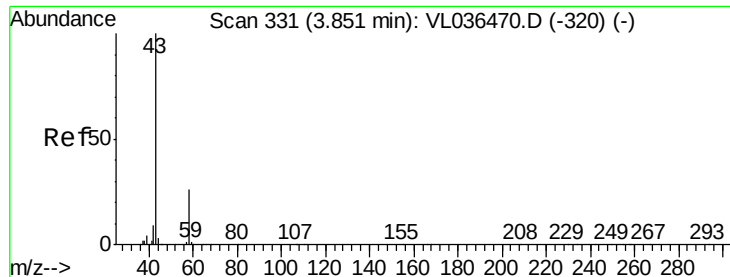
Tot Ion: 45 Resp: 63479
Ion Ratio Lower Upper
45 100
46 43.7 16.6 66.2



#14
Bromoethene
Concen: 9.260 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL036840.D
Acq: 21 Apr 2021 2:49

Tgt Ion:108 Resp: 490193
Ion Ratio Lower Upper
108 100
106 110.3 89.0 133.6
79 21.6 16.6 25.0





#15

Acetone

Concen: 7.859 ppbv

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File:

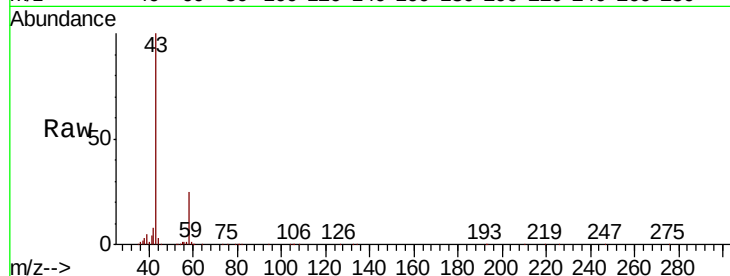
Acq: 21 Apr 2021 2:49

Tot Ion: 43 Resp: 926804

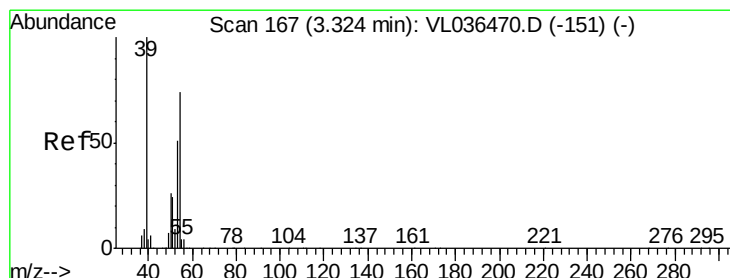
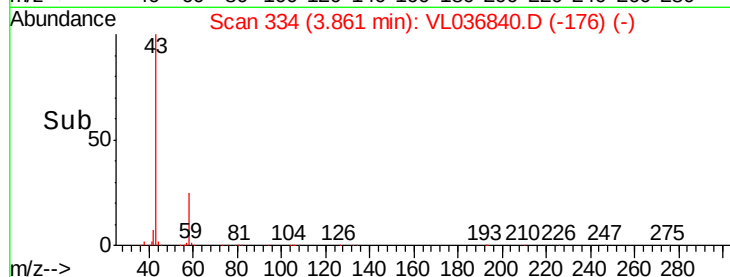
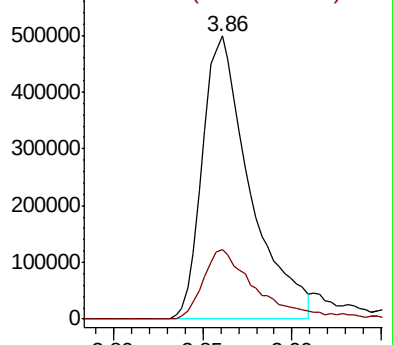
Ion Ratio Lower Upper

43 100

58 28.0 21.2 31.8



Abundance Ion 43.10 (42.80 to 43.80): VL0



#16

1,3-Butadiene

Concen: 9.803 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL036840.D

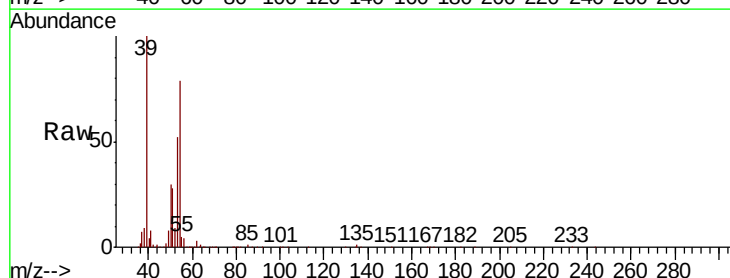
Acq: 21 Apr 2021 2:49

Tgt Ion: 39 Resp: 804839

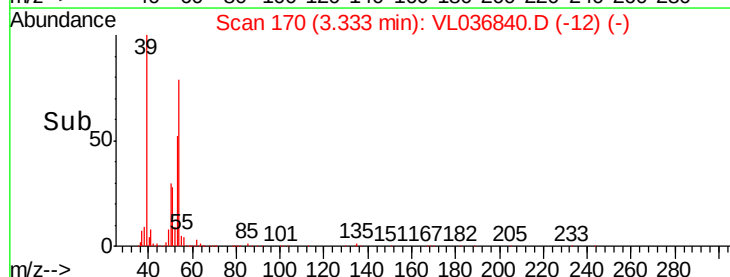
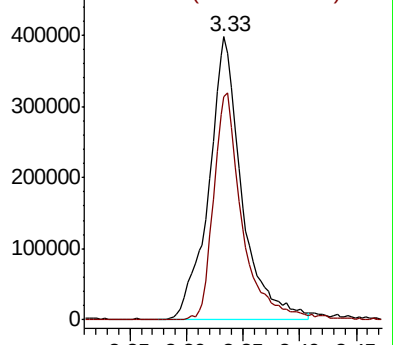
Ion Ratio Lower Upper

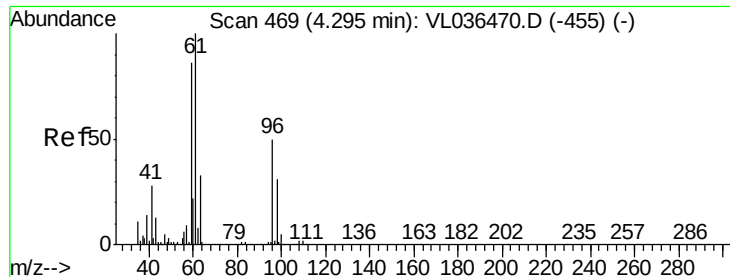
39 100

54 70.6 58.8 88.2



Abundance Ion 39.10 (38.80 to 39.80): VL0





#17

tert-Butyl alcohol

Concen: 10.578 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

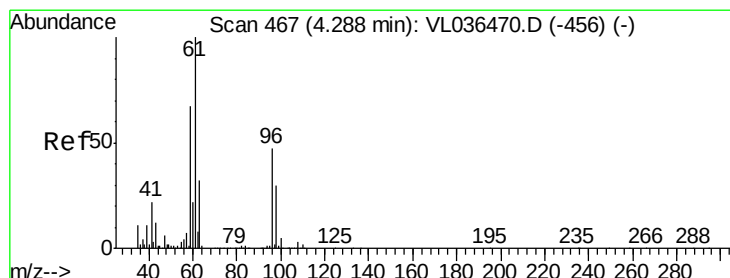
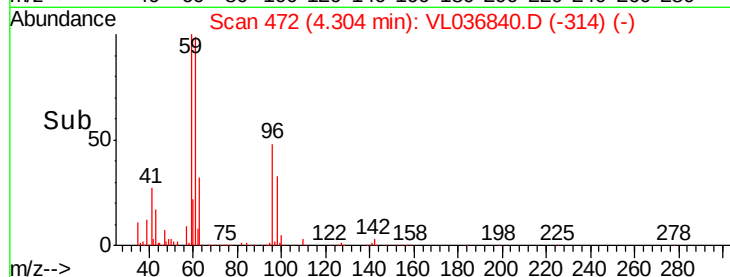
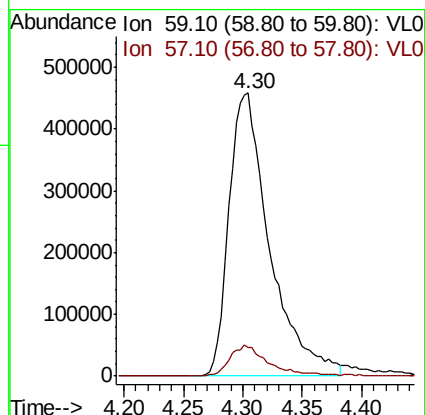
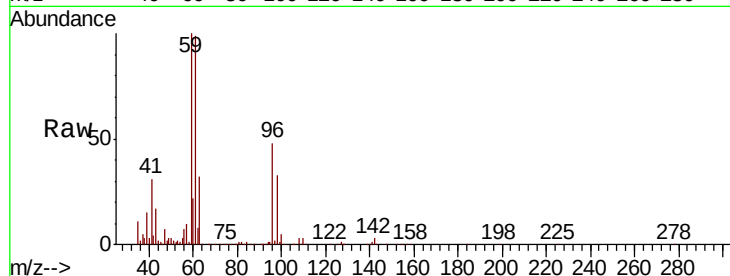
Acq: 21 Apr 2021 2:49

Tot Ion: 59 Resp: 1085917

Ion Ratio Lower Upper

59 100

57 10.8 8.6 12.8



#18

1,1-Dichloroethene

Concen: 9.111 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL036840.D

Acq: 21 Apr 2021 2:49

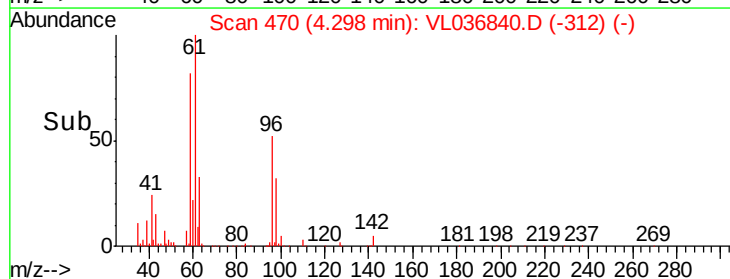
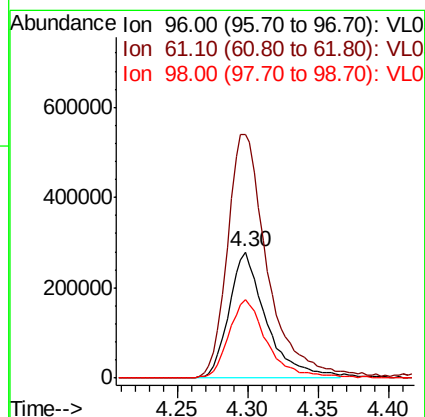
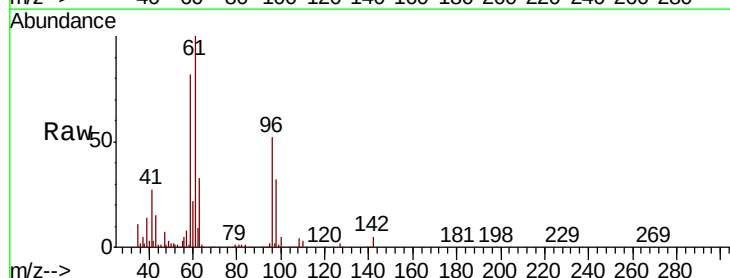
Tgt Ion: 96 Resp: 516019

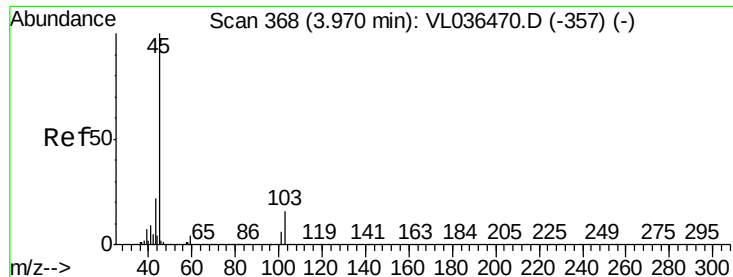
Ion Ratio Lower Upper

96 100

61 193.2 168.6 253.0

98 62.0 50.8 76.2





#19

Isopropyl Alcohol

Concen: 9.596 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

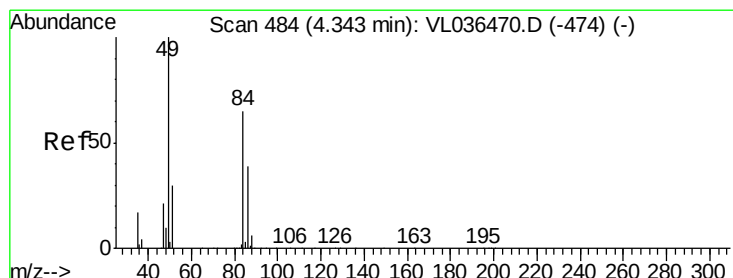
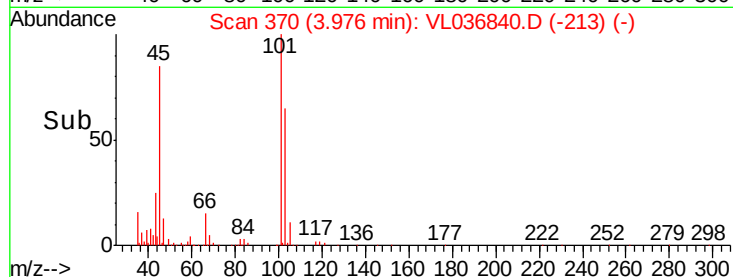
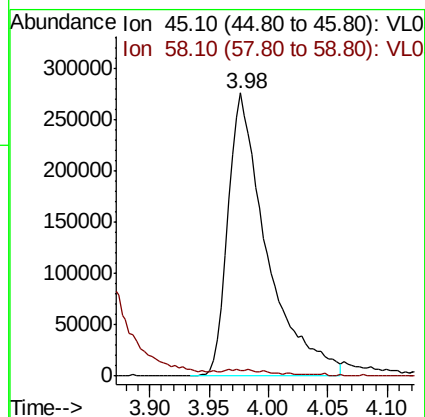
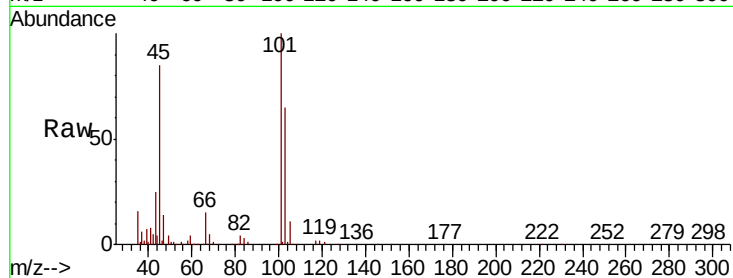
Acq: 21 Apr 2021 2:49

Tot Ion: 45 Resp: 622456

Ion Ratio Lower Upper

45 100

58 3.1 2.9 4.3



#20

Methylene Chloride

Concen: 7.797 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL036840.D

Acq: 21 Apr 2021 2:49

Tgt Ion: 84 Resp: 430489

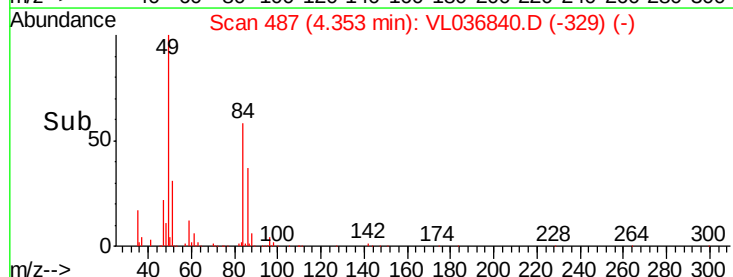
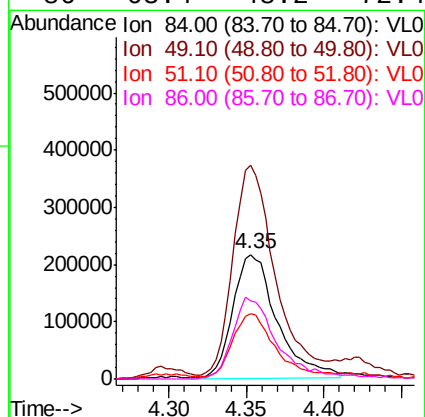
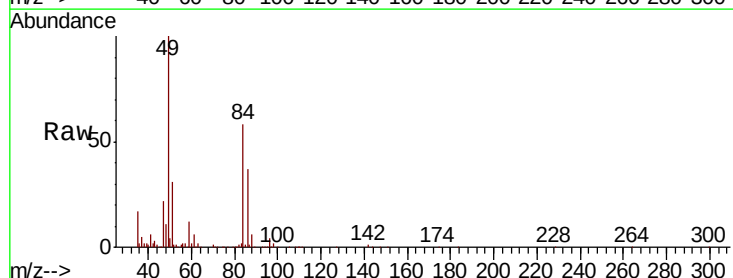
Ion Ratio Lower Upper

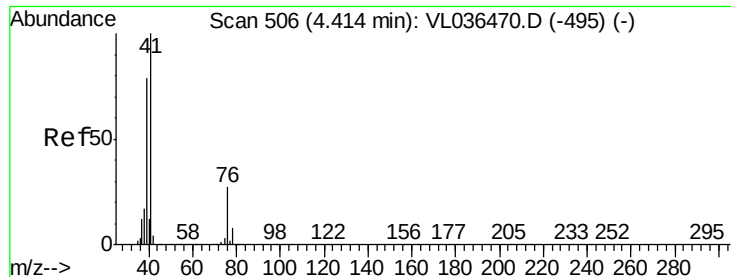
84 100

49 168.8 122.9 184.3

51 50.8 36.9 55.3

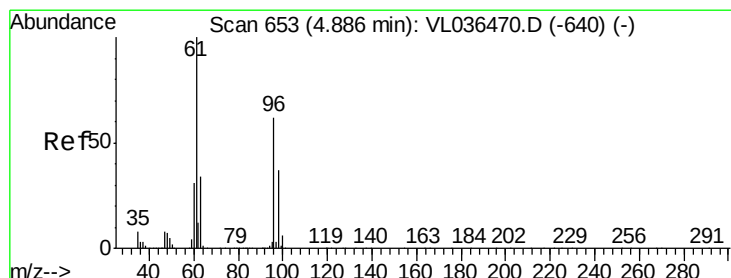
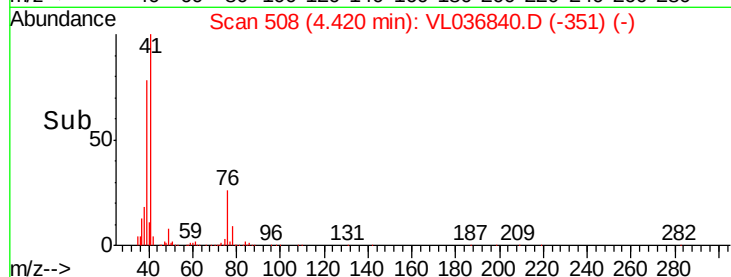
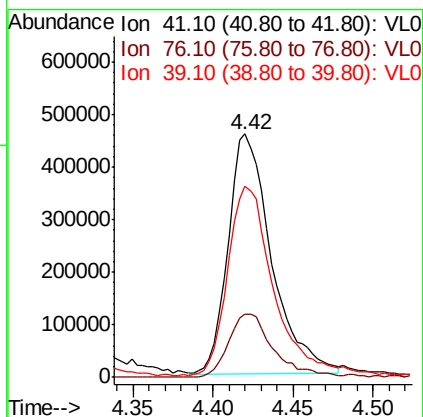
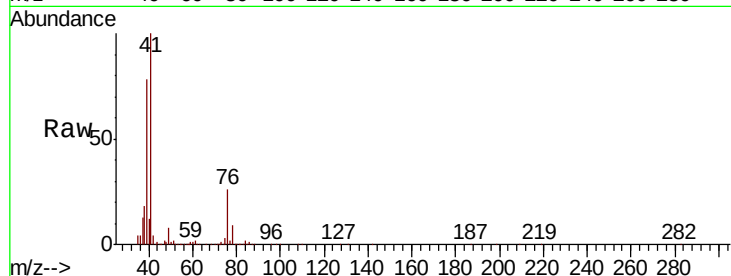
86 63.4 48.2 72.4





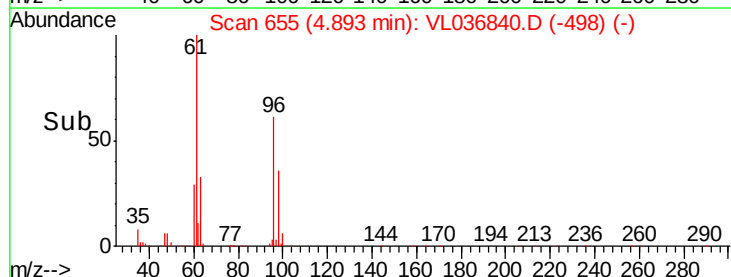
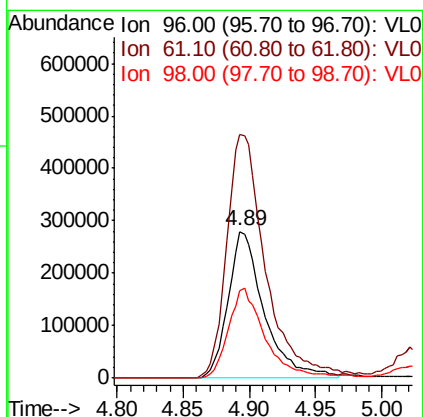
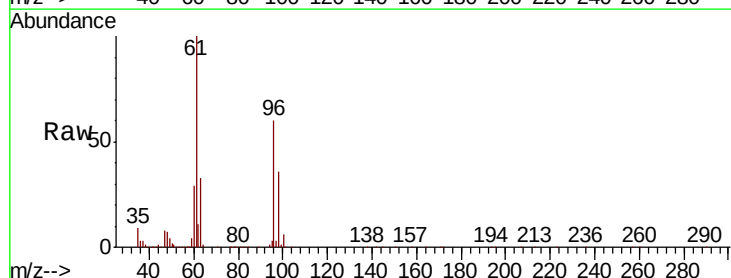
#21
 Allvl Chloride
 Concen: 8.984 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 21 Apr 2021 2:49

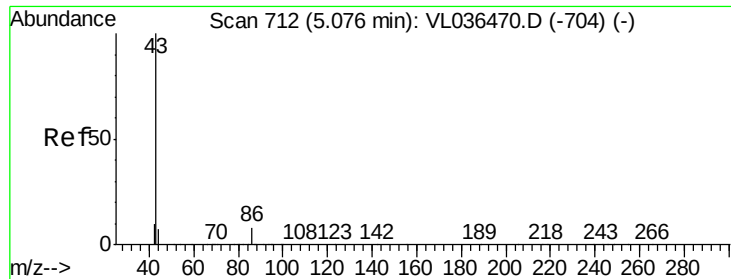
Tot Ion	Ratio	Lower	Upper
41	100		
76	27.9	22.9	34.3
39	84.0	67.3	100.9



#22
 trans-1,2-Dichloroethene
 Concen: 10.052 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.8	129.4	194.0
98	59.3	48.2	72.4





#23

Vinyl Acetate

Concen: 9.824 ppbv

RT: 5.09 Instrument:

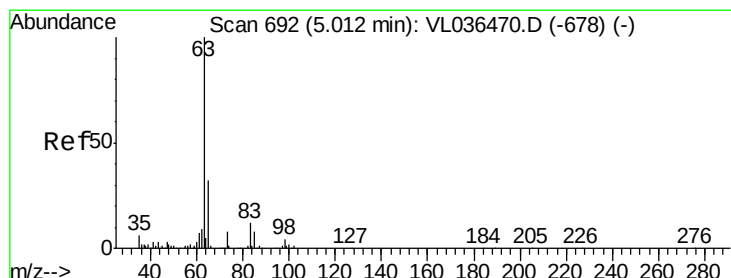
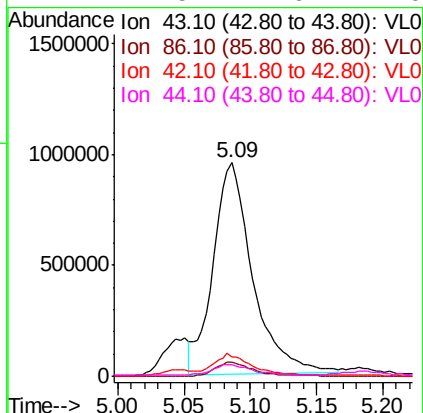
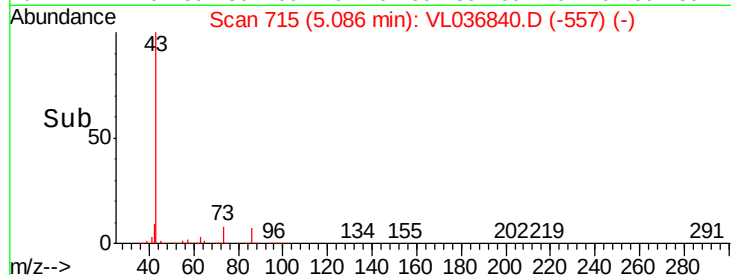
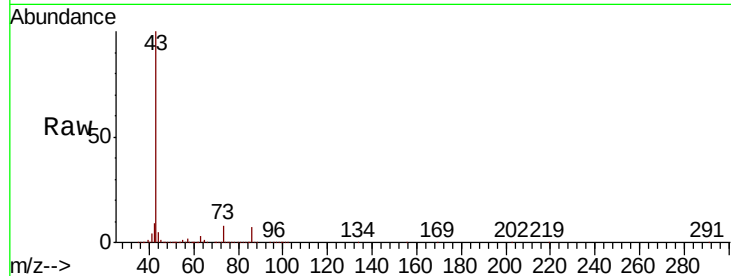
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Apr 2021 2:49

Tot Ion: 43 Resp: 1981602

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.4	8.0
42	9.0	8.5	12.7
44	4.5	4.6	7.0#



#24

1,1-Dichloroethane

Concen: 7.818 ppbv

RT: 5.02 min Scan# 695

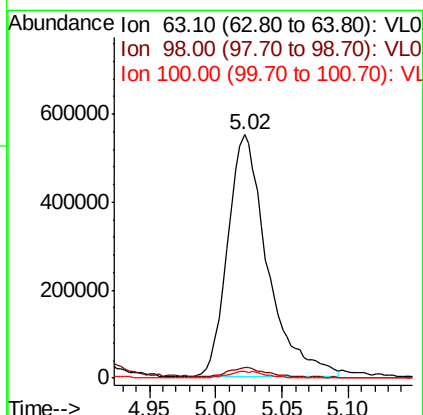
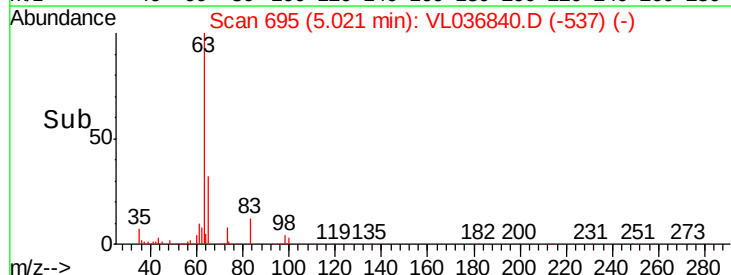
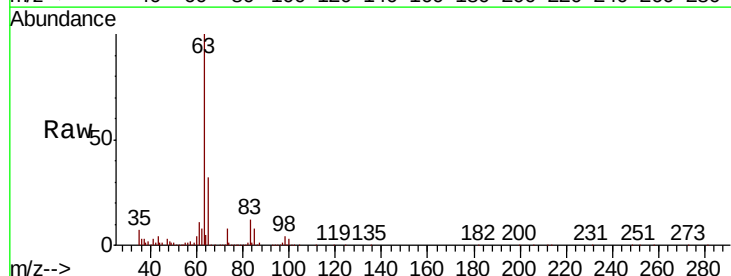
Delta R.T. 0.01 min

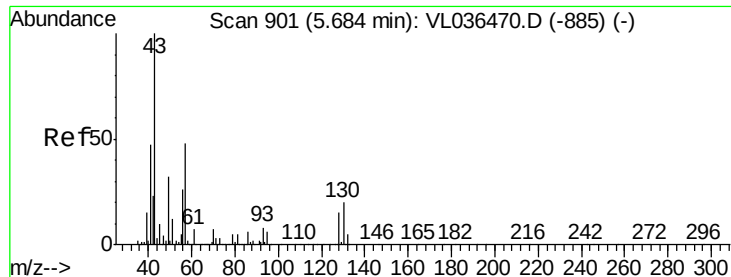
Lab File: VL036840.D

Acq: 21 Apr 2021 2:49

Tgt Ion: 63 Resp: 1149522

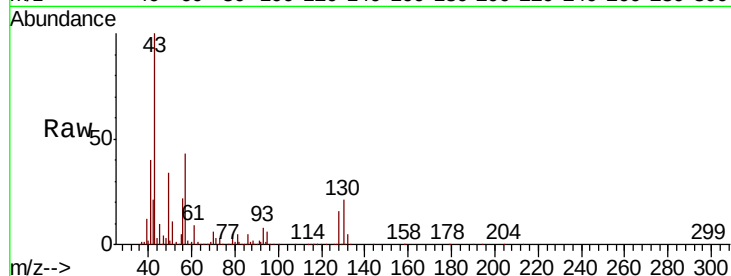
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.2
100	2.6	0.9	2.8





#25
Ethyl Acetate
Concen: 10.062 ppbv
RT: 5.69 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Apr 2021 2:49

Tot Ion:	43	Resp:	2820947
Ion	Ratio	Lower	Upper
43	100		
45	9.4	7.9	11.9
61	8.8	7.4	11.2
70	6.3	5.1	7.7



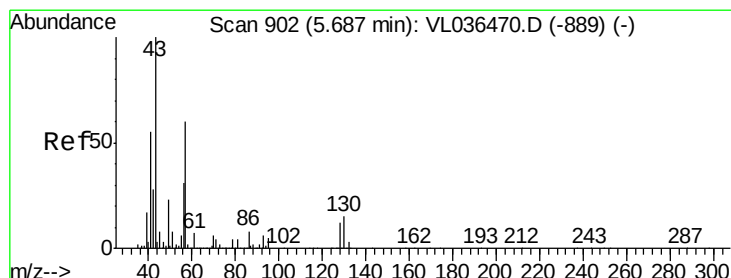
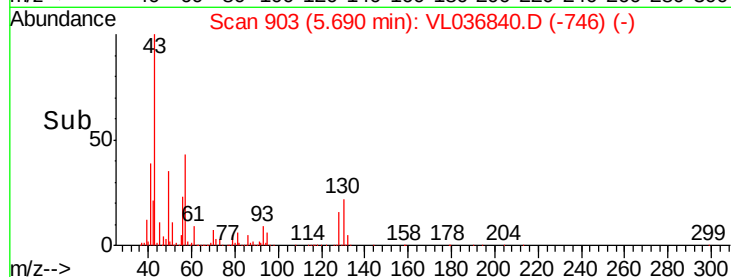
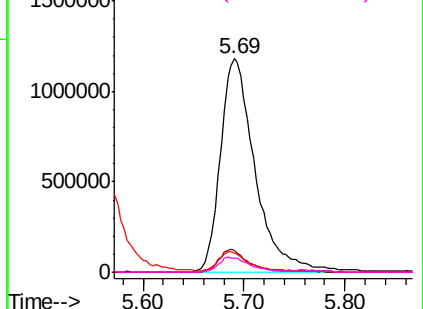
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

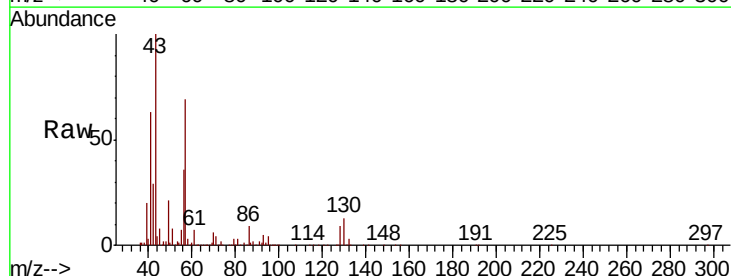
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 10.352 ppbv
RT: 5.70 min Scan# 906
Delta R.T.: 0.01 min
Lab File: VL036840.D
Acq: 21 Apr 2021 2:49

Tgt Ion:	57	Resp:	1346828
Ion	Ratio	Lower	Upper
57	100		
41	94.1	77.2	115.8
43	211.6	173.8	260.6
56	53.6	43.8	65.6



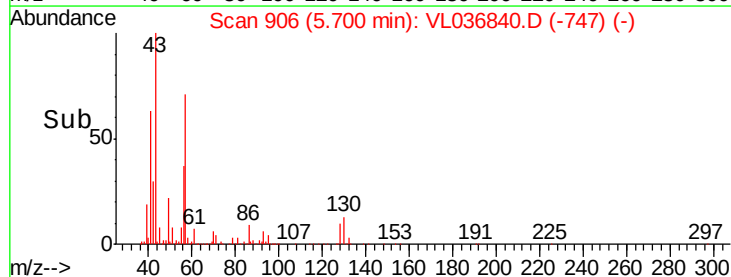
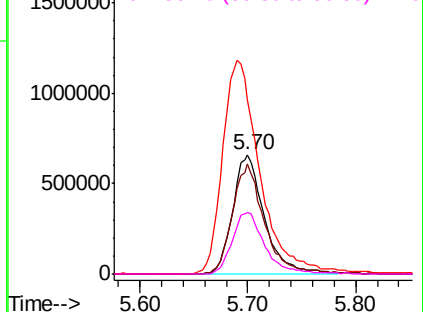
Abundance

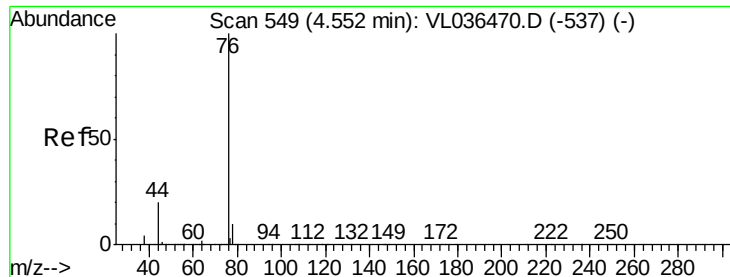
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 9.698 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Apr 2021 2:49

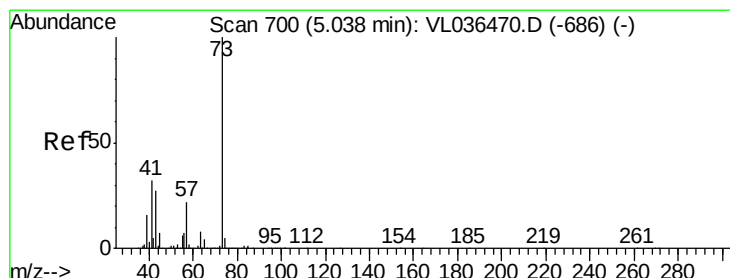
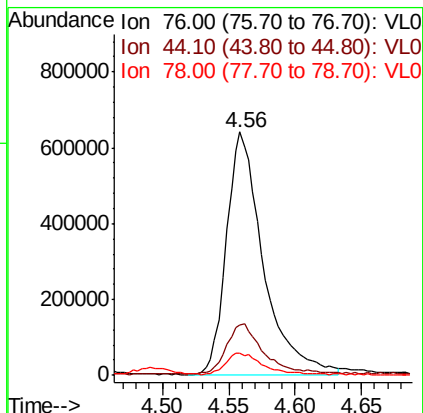
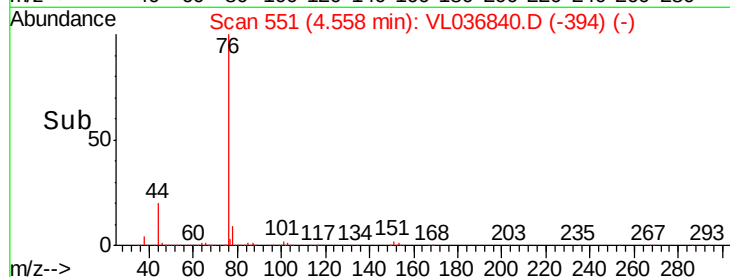
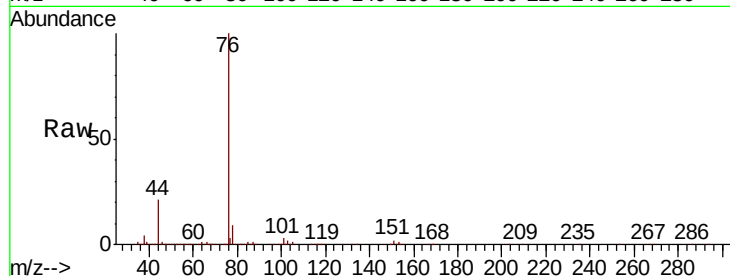
Tot Ion: 76 Resp: 1242989

Ion Ratio Lower Upper

76 100

44 21.7 17.5 26.3

78 9.9 8.6 13.0



#28

Methyl tert-Butyl Ether

Concen: 8.341 ppbv

RT: 5.05 min Scan# 703

Delta R.T. 0.01 min

Lab File: VL036840.D

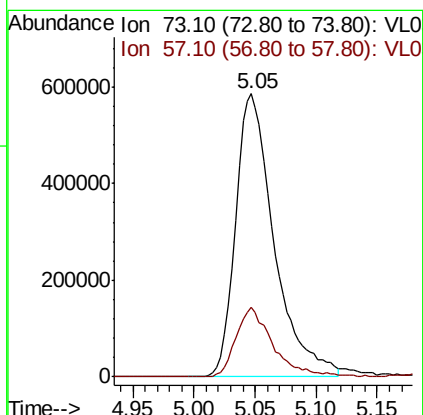
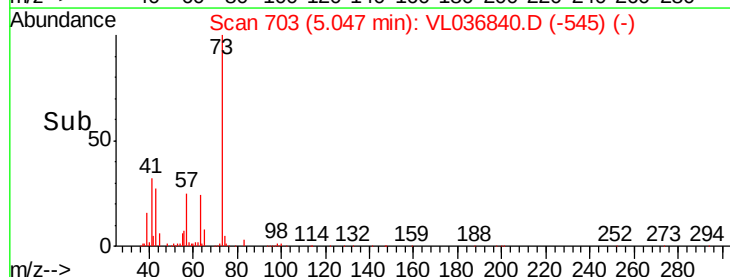
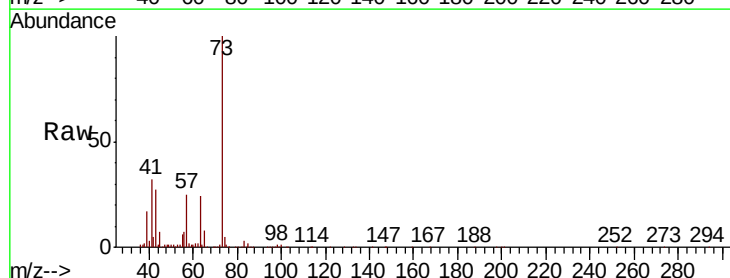
Acq: 21 Apr 2021 2:49

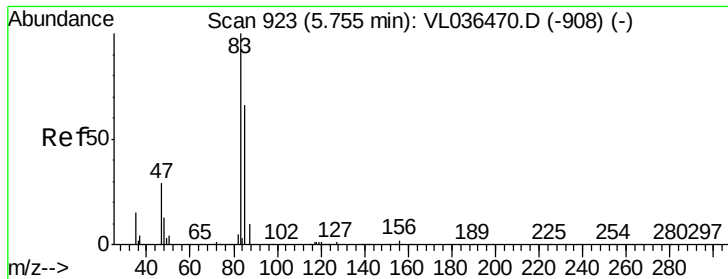
Tgt Ion: 73 Resp: 1279706

Ion Ratio Lower Upper

73 100

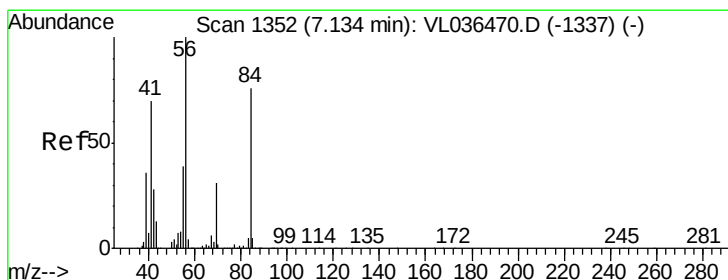
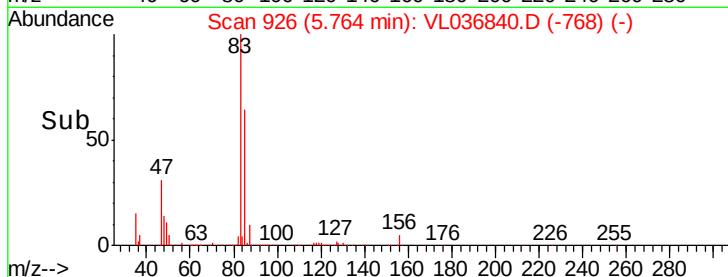
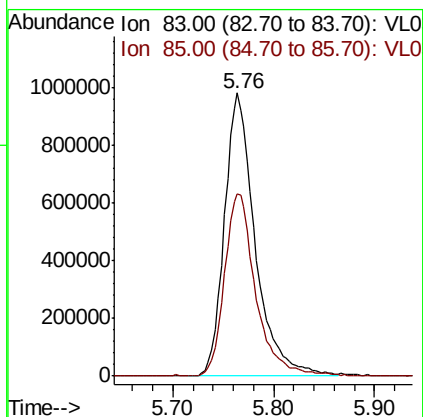
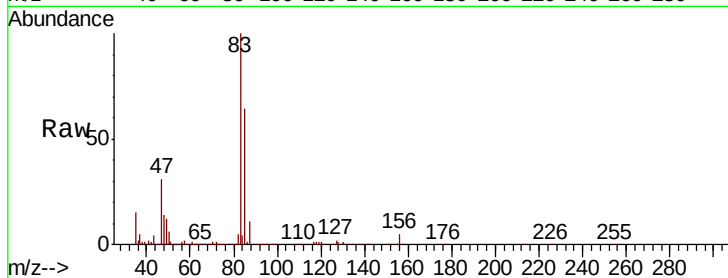
57 23.9 18.5 27.7





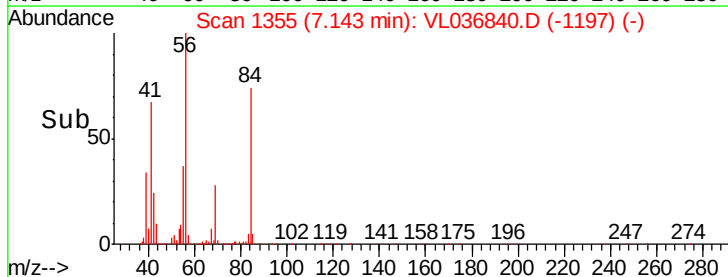
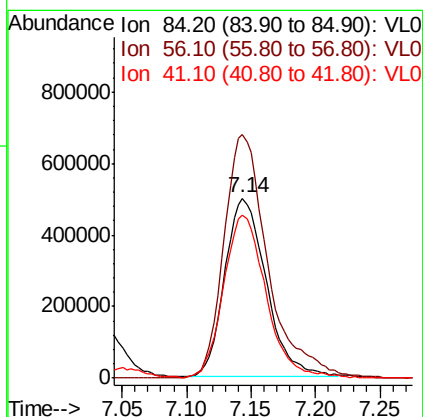
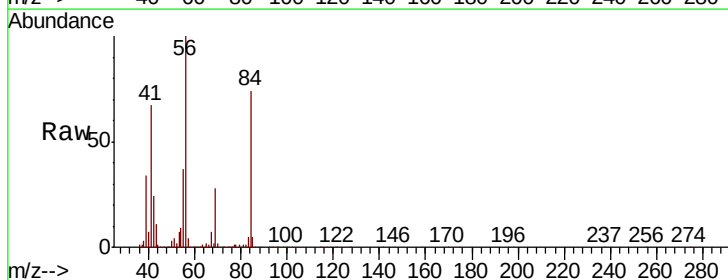
#29
Chloroform
Concen: 10.019 ppbv
RT: 5.76 Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Apr 2021 2:49

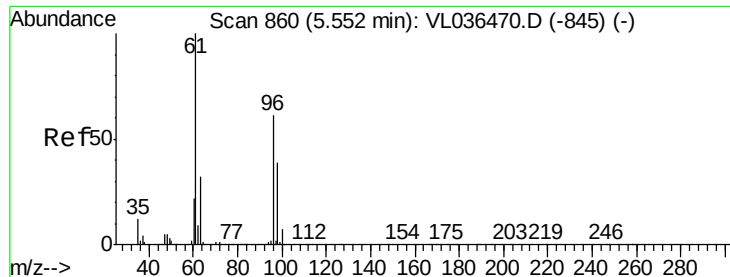
Tot Ion: 83 Resp: 2084645
Ion Ratio Lower Upper
83 100
85 64.2 52.6 78.8



#30
Cyclohexane
Concen: 10.574 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL036840.D
Acq: 21 Apr 2021 2:49

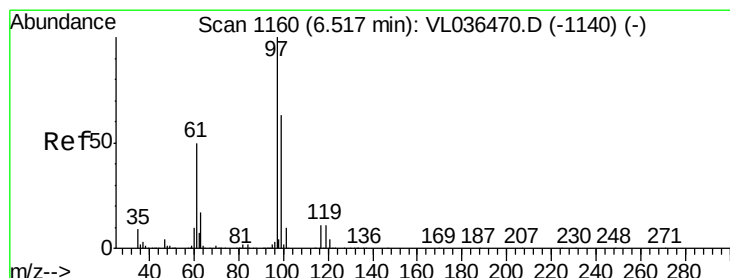
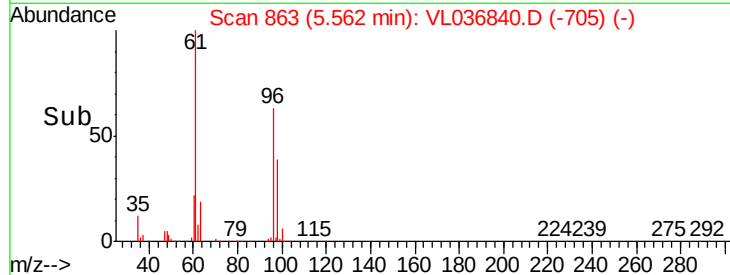
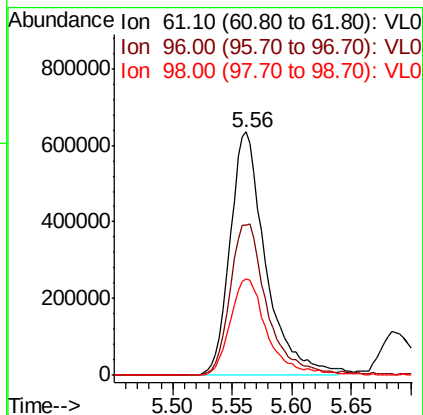
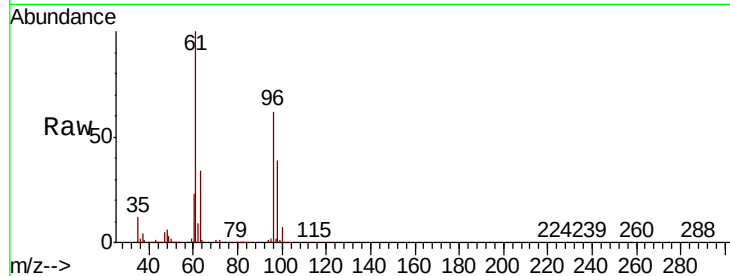
Tgt Ion: 84 Resp: 1115722
Ion Ratio Lower Upper
84 100
56 145.8 114.6 171.8
41 94.1 75.3 112.9





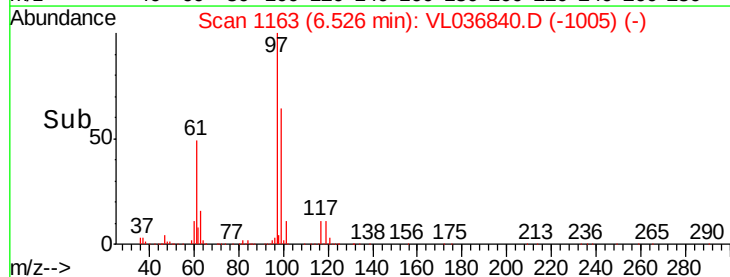
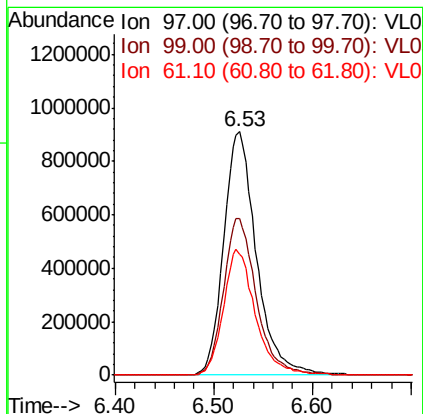
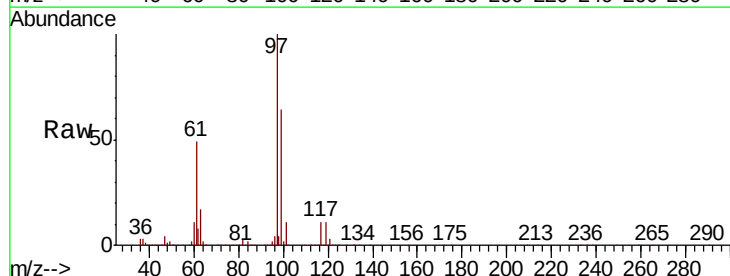
#31
 cis-1,2-Dichloroethene
 Concen: 10.468 ppbv
 RT: 5.56
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Apr 2021 2:49

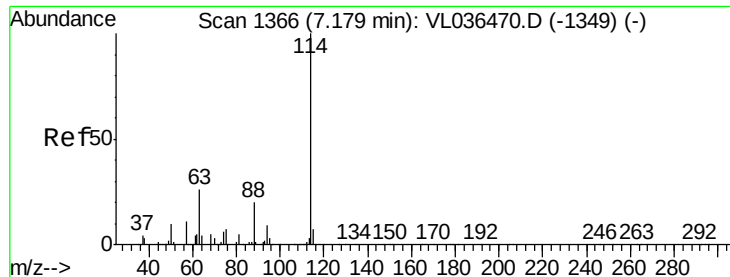
Tot Ion: 61 Resp: 1317210
 Ion Ratio Lower Upper
 61 100
 96 61.9 48.7 73.1
 98 39.4 31.4 47.0



#32
 1,1,1-Trichloroethane
 Concen: 10.085 ppbv
 RT: 6.53 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

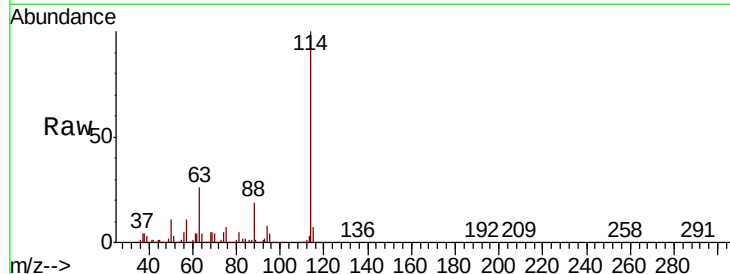
Tgt Ion: 97 Resp: 2114684
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.4 77.0
 61 50.6 40.6 60.8



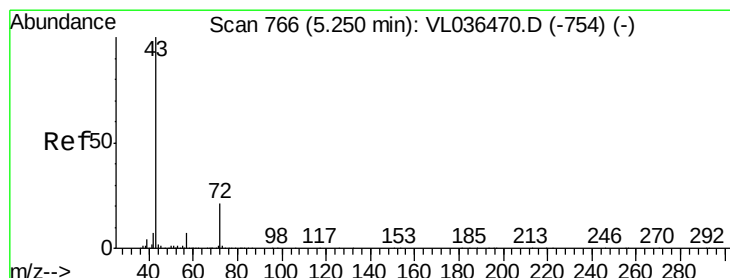
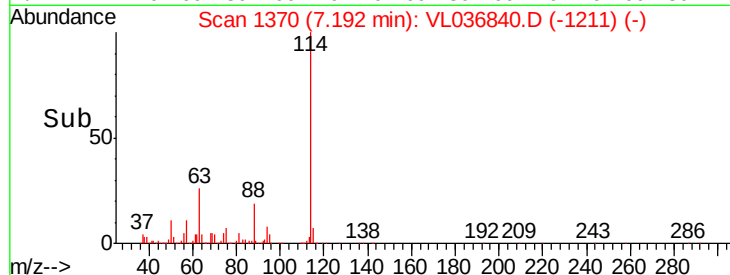
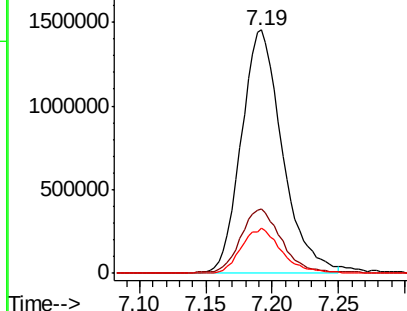


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Apr 2021 2:49

Tot Ion: 114 Resp: 3136894
 Ion Ratio Lower Upper
 114 100
 63 27.3 22.4 33.6
 88 18.5 15.4 23.0

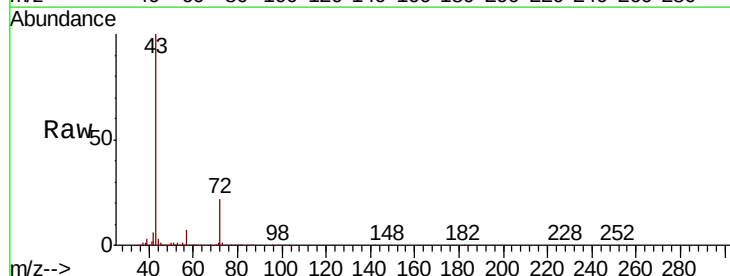


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

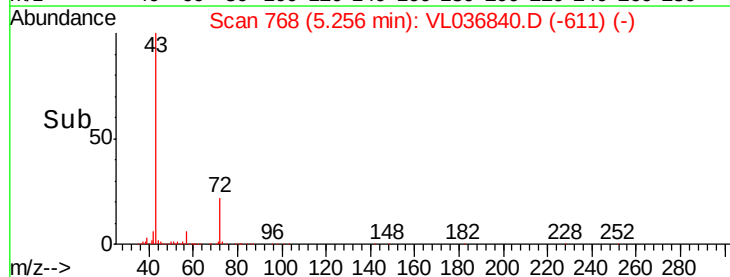
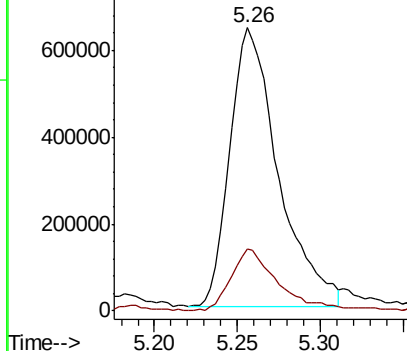


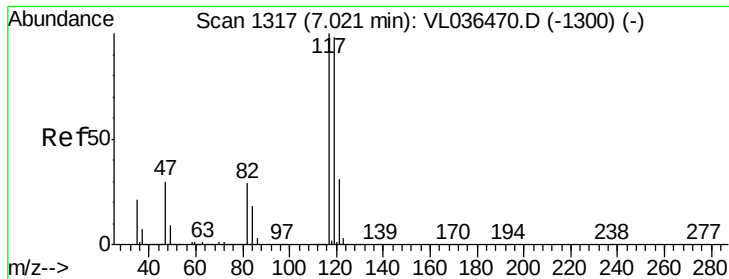
#34
 2-Butanone
 Concen: 8.486 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T.: 0.01 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

Tgt Ion: 43 Resp: 1299335
 Ion Ratio Lower Upper
 43 100
 72 22.0 17.0 25.6



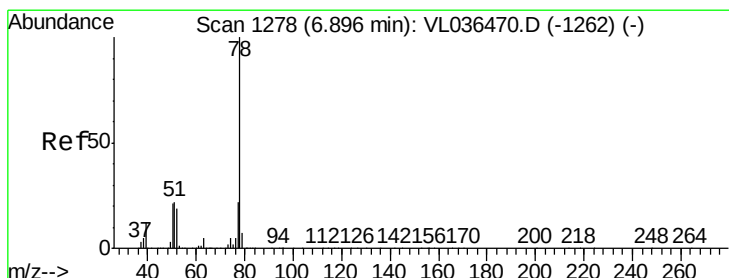
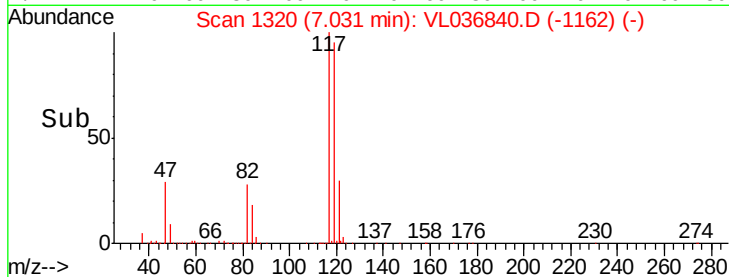
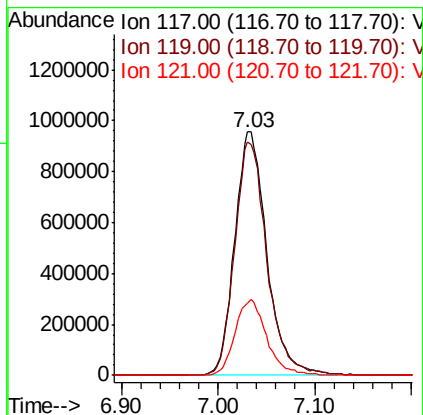
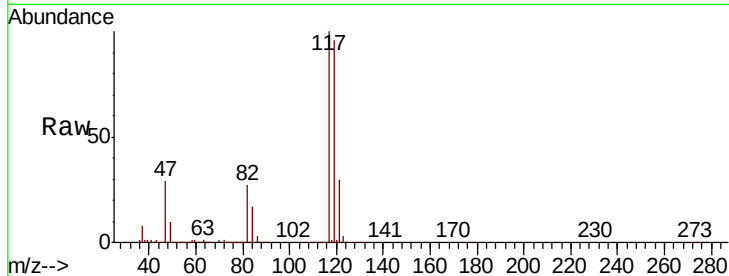
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





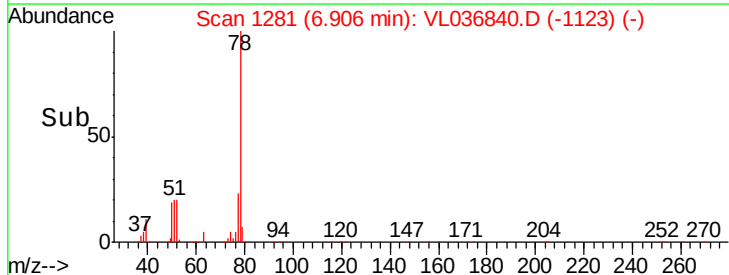
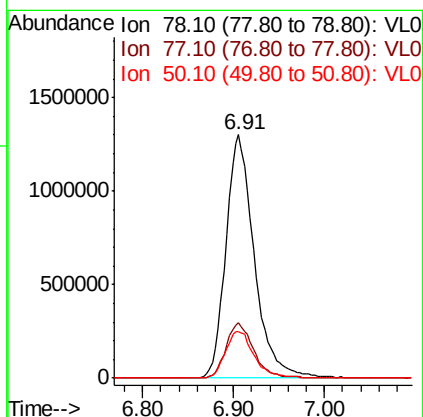
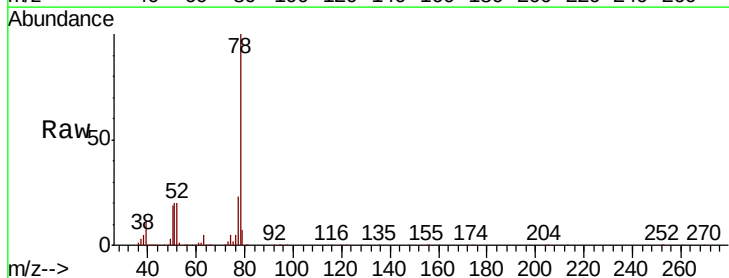
#35
Carbon Tetrachloride
Concen: 9.151 ppbv
RT: 7.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Apr 2021 2:49

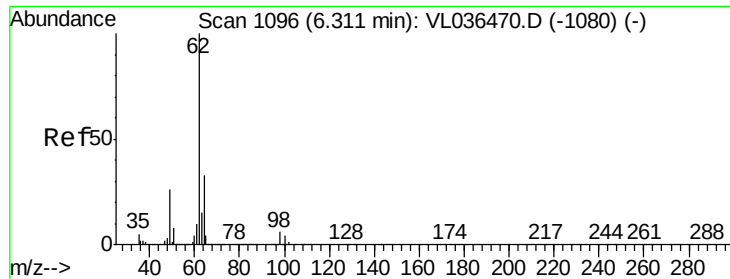
Tot Ion:117 Resp: 2204824
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.2
121 29.9 24.5 36.7



#36
Benzene
Concen: 9.752 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VL036840.D
Acq: 21 Apr 2021 2:49

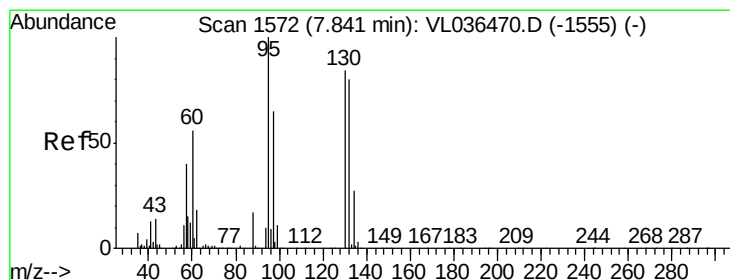
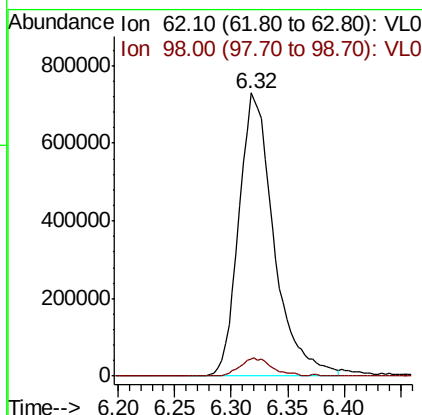
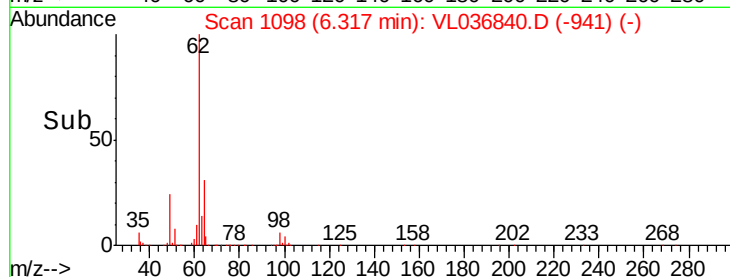
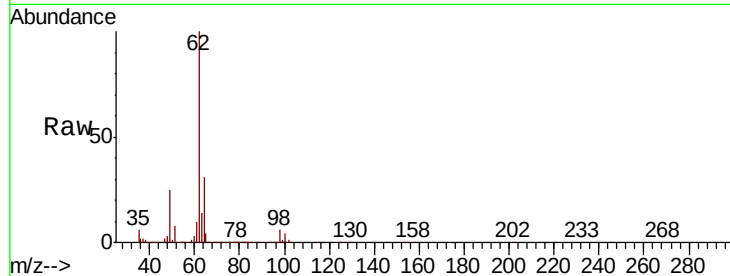
Tgt Ion: 78 Resp: 2821214
Ion Ratio Lower Upper
78 100
77 22.8 18.0 27.0
50 19.3 16.5 24.7





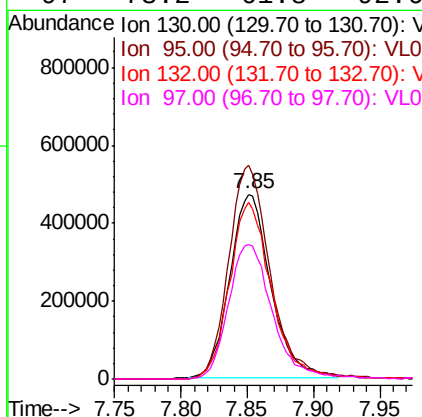
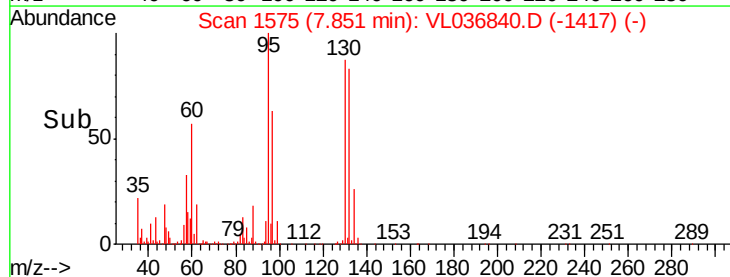
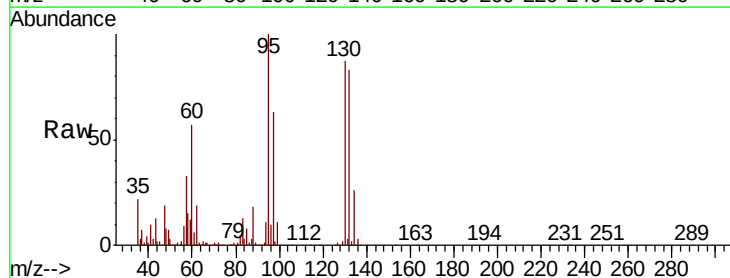
#37
 1,2-Dichloroethane
 Concen: 9.249 ppbv
 RT: 6.32
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Apr 2021 2:49

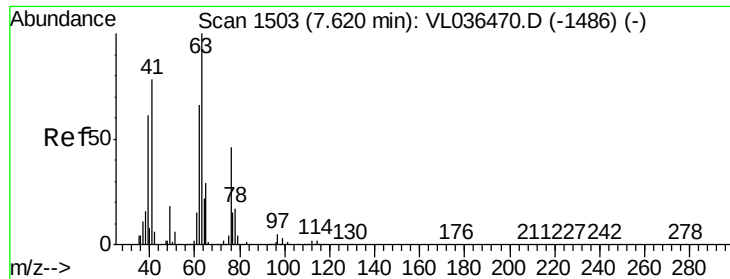
Tot Ion: 62 Resp: 1574938
 Ion Ratio Lower Upper
 62 100
 98 6.3 4.9 7.3



#38
 Trichloroethene
 Concen: 9.039 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

Tgt Ion: 130 Resp: 1017639
 Ion Ratio Lower Upper
 130 100
 95 116.2 95.7 143.5
 132 96.2 76.2 114.4
 97 73.2 61.8 92.6





#39

1,2-Dichloropropane

Concen: 9.313 ppbv

RT: 7.63 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Apr 2021 2:49

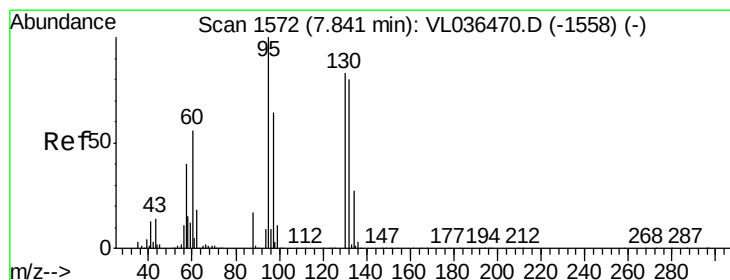
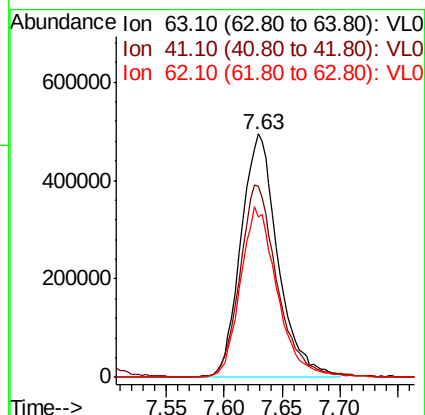
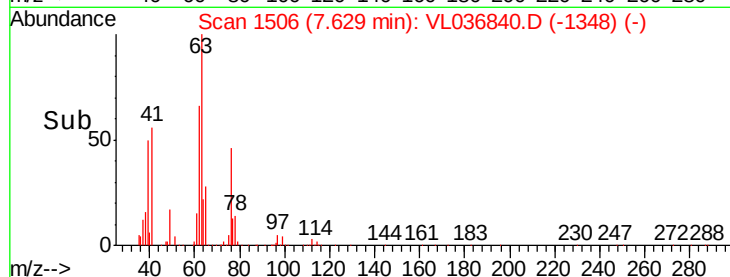
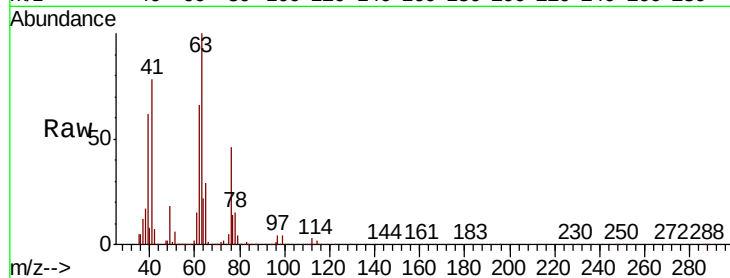
Tot Ion: 63 Resp: 1092959

Ion Ratio Lower Upper

63 100

41 78.2 62.4 93.6

62 66.0 52.8 79.2



#40

1,4-Dioxane

Concen: 3.828 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VL036840.D

Acq: 21 Apr 2021 2:49

Tgt Ion: 88 Resp: 104562

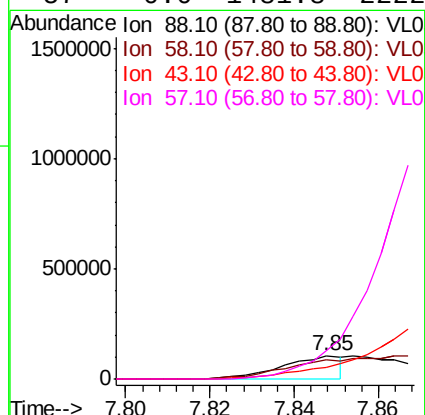
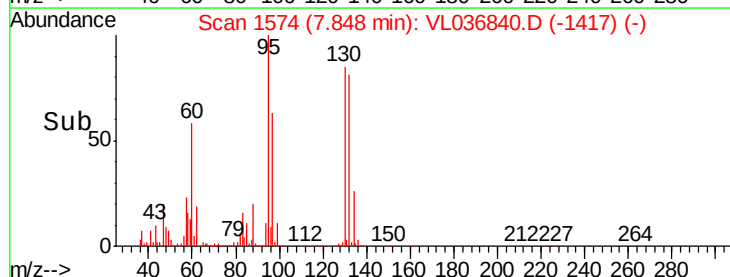
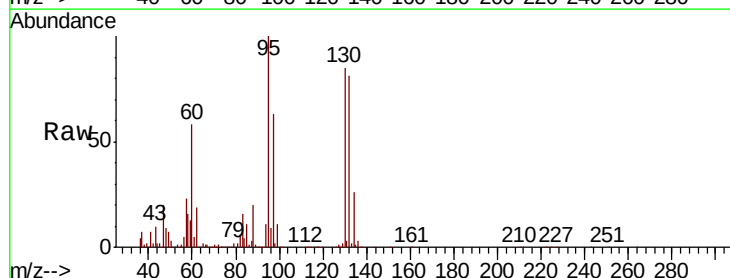
Ion Ratio Lower Upper

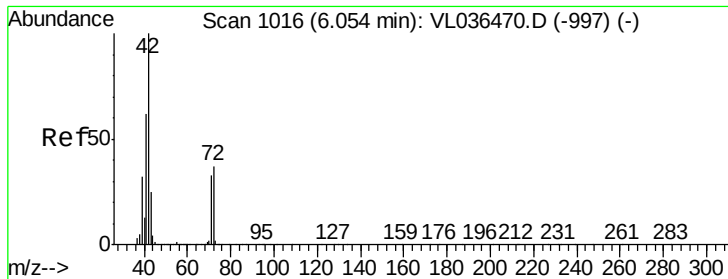
88 100

58 0.0 134.1 201.1#

43 0.0 346.6 520.0#

57 0.0 1481.8 2222.8#





#41

Tetrahydrofuran

Concen: 8.743 ppbv

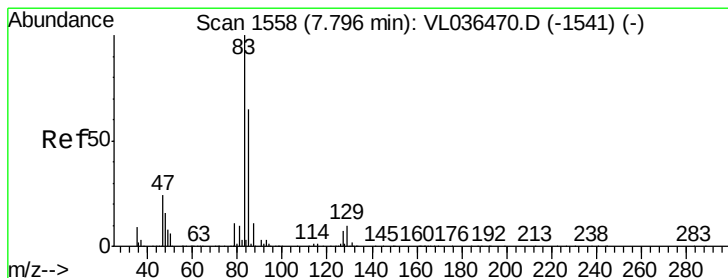
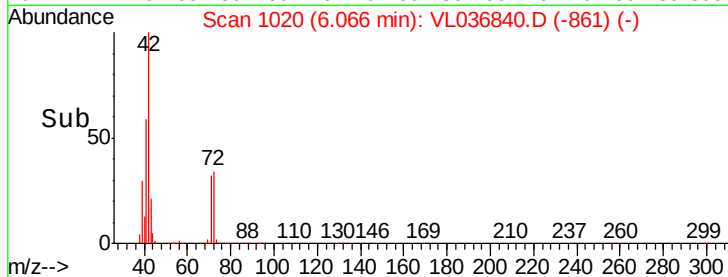
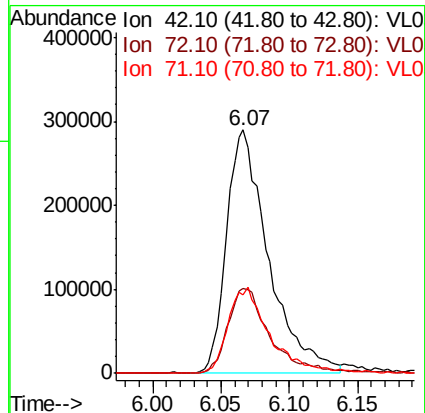
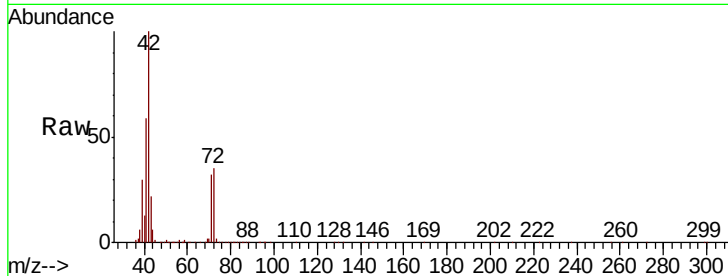
RT: 6.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Apr 2021 2:49

Tot Ion:	42	Resp:	617251
Ion	Ratio	Lower	Upper
42	100		
72	36.1	27.6	41.4
71	35.7	27.0	40.4



#42

Bromodichloromethane

Concen: 9.640 ppbv

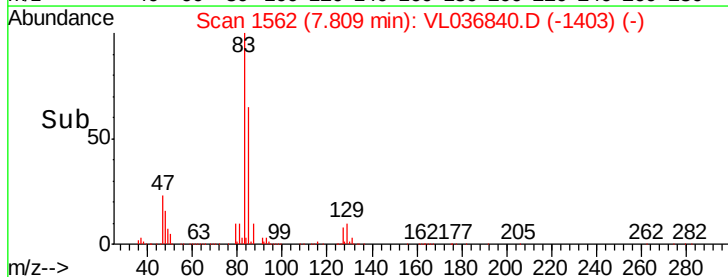
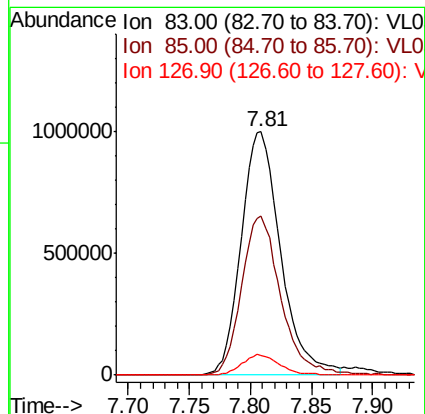
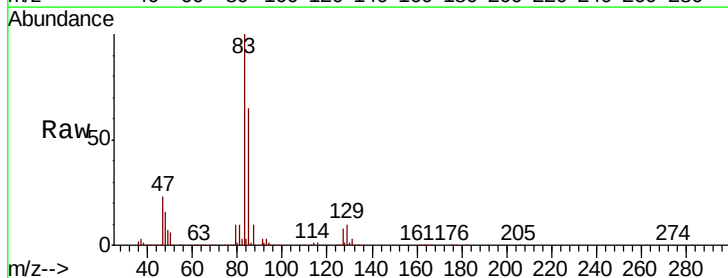
RT: 7.81 min Scan# 1562

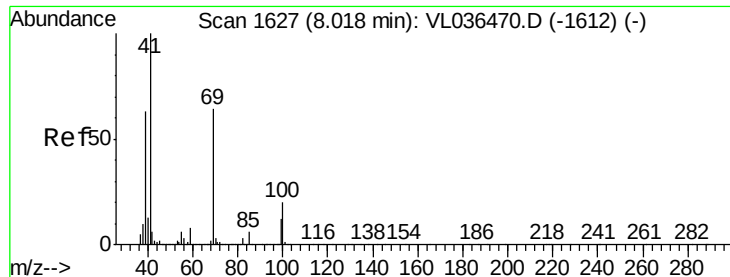
Delta R.T. 0.01 min

Lab File: VL036840.D

Acq: 21 Apr 2021 2:49

Tgt Ion:	83	Resp:	2232828
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.8	77.6
127	7.9	5.8	8.8





#43

Methyl Methacrylate

Concen: 10.866 ppbv

RT: 8.03 Instrument: MSVOA_1

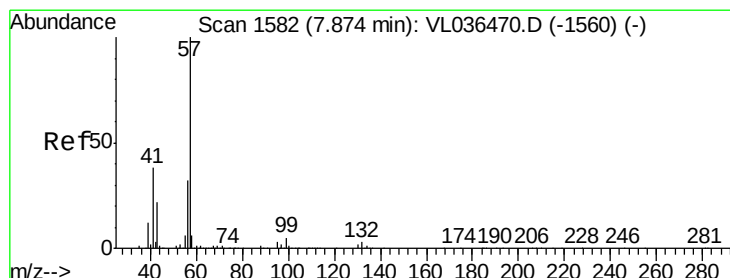
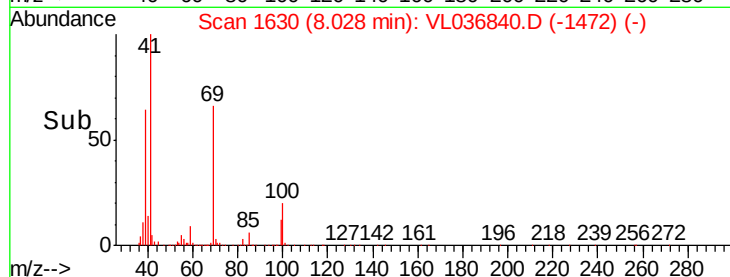
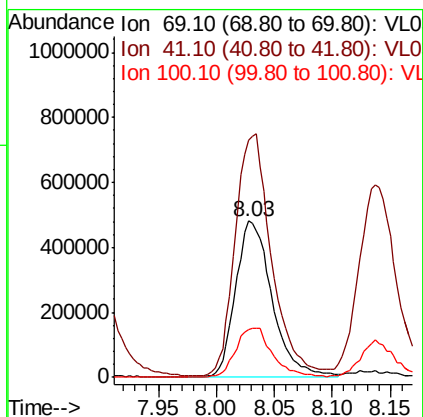
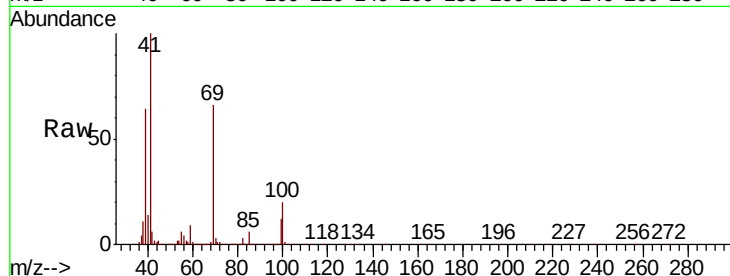
Delta R.T. ClientSampleId:

Lab File:

Acq: 21 Apr 2021 2:49

Tot Ion: 69 Resp: 1055631

Ion	Ratio	Lower	Upper
69	100		
41	156.4	126.8	190.2
100	31.6	24.9	37.3



#44

2,2,4-Trimethylpentane

Concen: 9.356 ppbv

RT: 7.88 min Scan# 1585

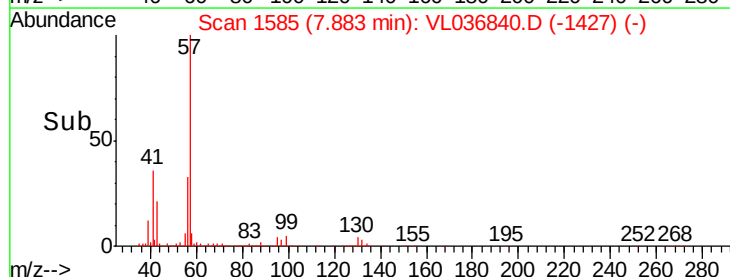
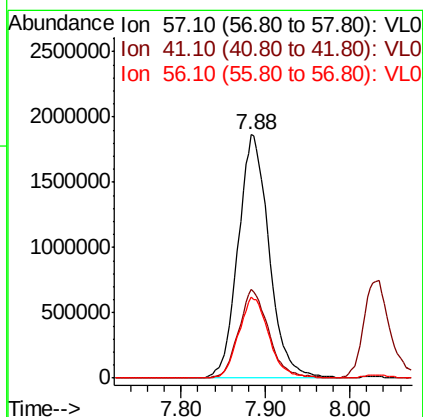
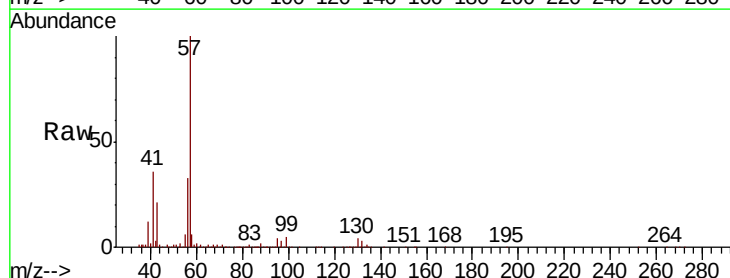
Delta R.T. 0.01 min

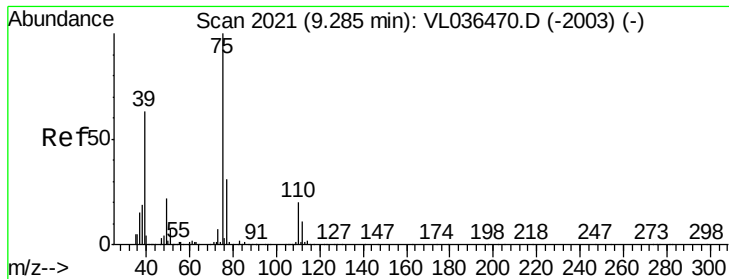
Lab File: VL036840.D

Acq: 21 Apr 2021 2:49

Tgt Ion: 57 Resp: 4763811

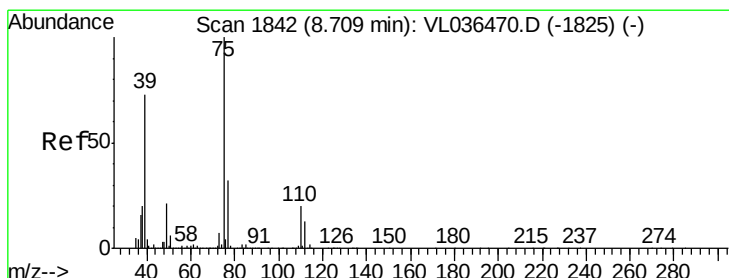
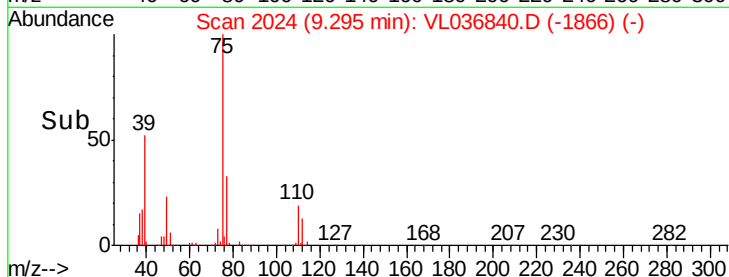
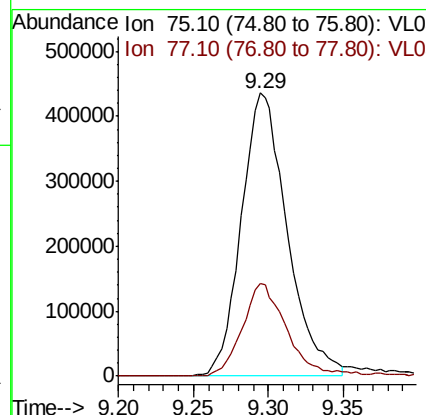
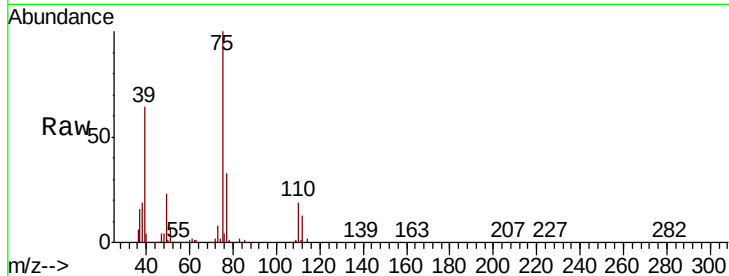
Ion	Ratio	Lower	Upper
57	100		
41	35.2	28.8	43.2
56	32.5	26.1	39.1





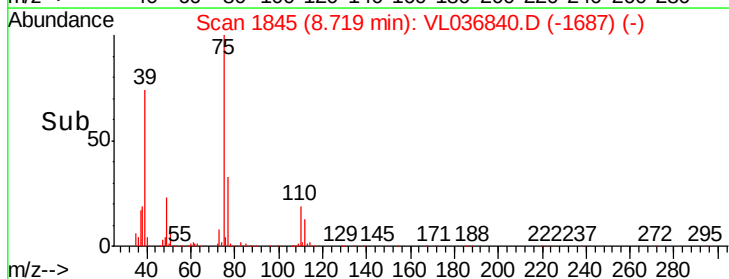
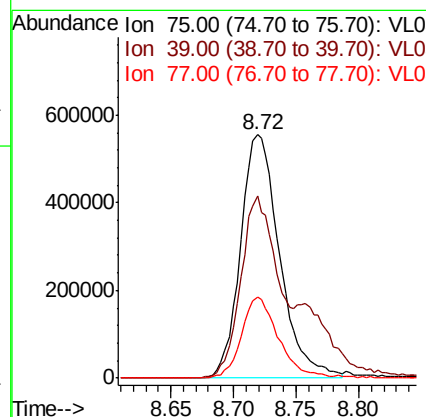
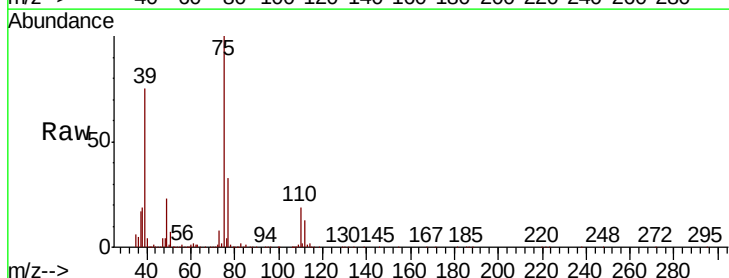
#45
t-1,3-Dichloropropene
Concen: 8.342 ppbv
RT: 9.29
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Apr 2021 2:49

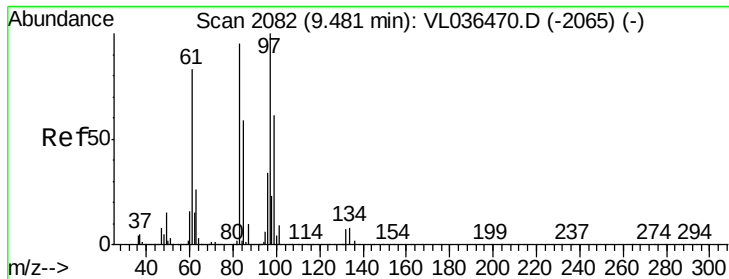
Tot Ion: 75 Resp: 925360
Ion Ratio Lower Upper
75 100
77 32.8 25.1 37.7



#46
cis-1,3-Dichloropropene
Concen: 8.458 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.01 min
Lab File: VL036840.D
Acq: 21 Apr 2021 2:49

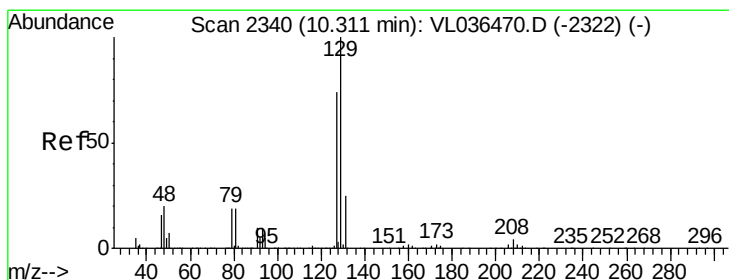
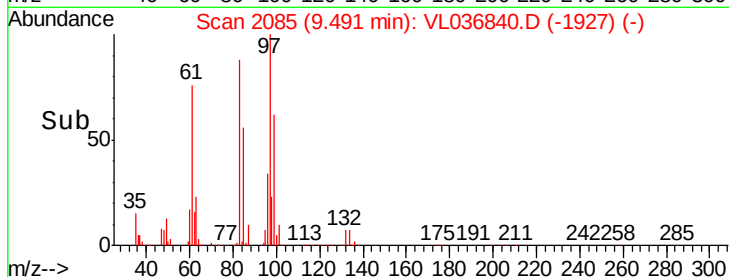
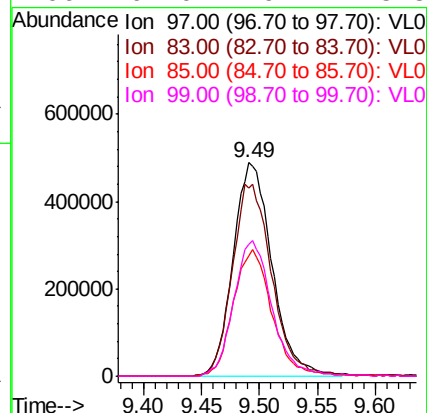
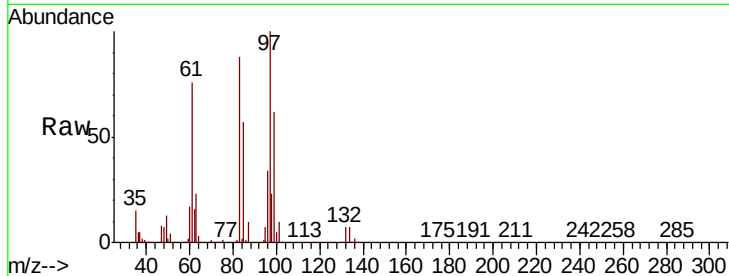
Tgt Ion: 75 Resp: 1199364
Ion Ratio Lower Upper
75 100
39 74.7 58.2 87.2
77 33.2 25.2 37.8





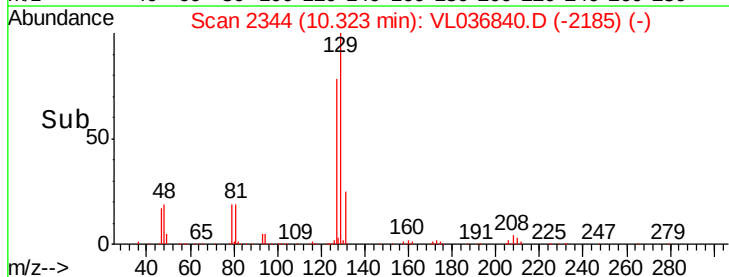
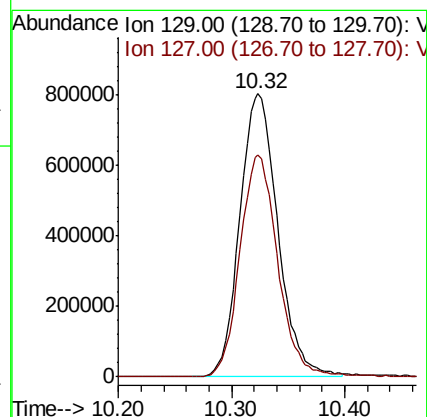
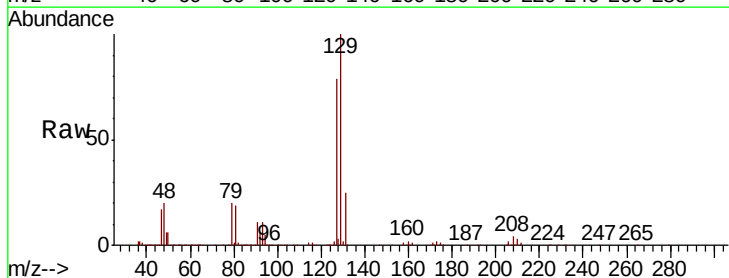
#47
 1,1,2-Trichloroethane
 Concen: 9.546 ppbv
 RT: 9.49 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Apr 2021 2:49

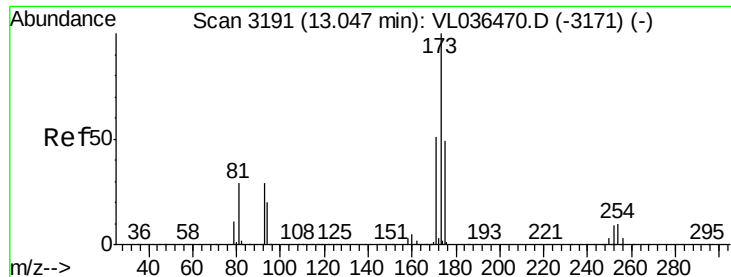
Tot Ion:	97	Resp:	1134772
Ion	Ratio	Lower	Upper
97	100		
83	87.9	75.8	113.8
85	56.5	47.1	70.7
99	62.0	49.2	73.8



#48
 Dibromochloromethane
 Concen: 10.380 ppbv
 RT: 10.32 min Scan# 2344
 Delta R.T.: 0.01 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

Tgt Ion:	129	Resp:	1880830
Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.6	118.8





#49

Bromoform

Concen: 10.611 ppbv

RT: 13.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Apr 2021 2:49

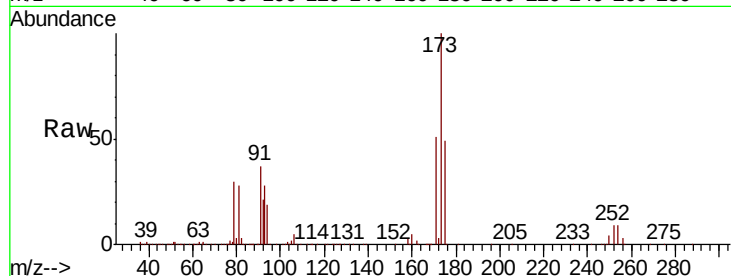
Tot Ion:173 Resp: 1549210

Ion Ratio Lower Upper

173 100

175 51.0 39.6 59.4

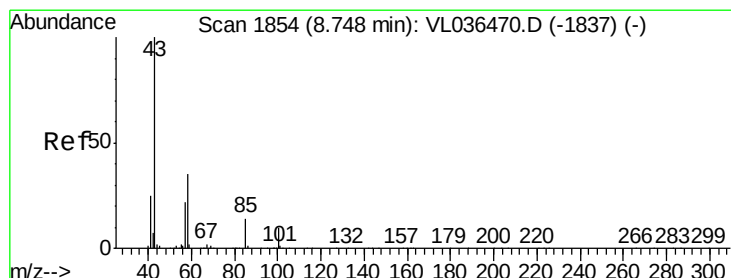
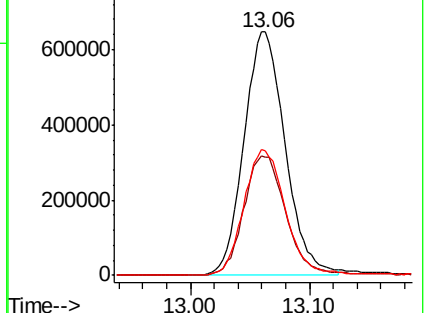
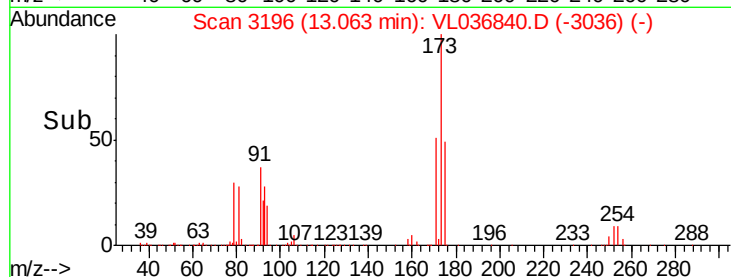
171 52.9 41.4 62.0



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: 9.094 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.01 min

Lab File: VL036840.D

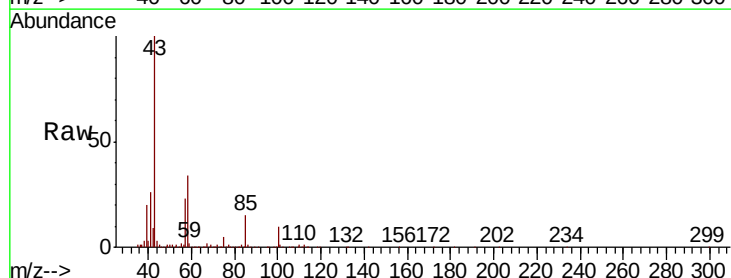
Acq: 21 Apr 2021 2:49

Tgt Ion: 43 Resp: 2014774

Ion Ratio Lower Upper

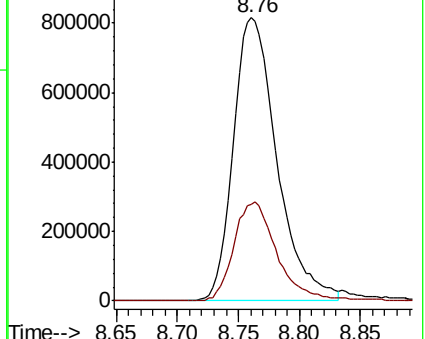
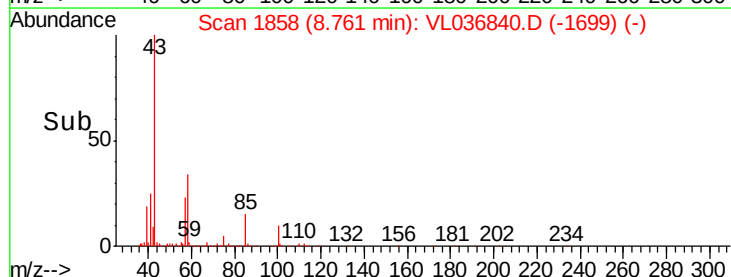
43 100

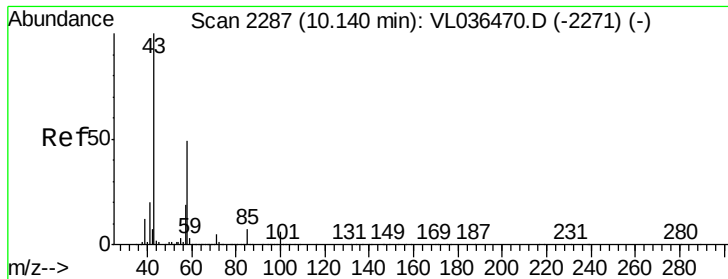
58 35.1 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

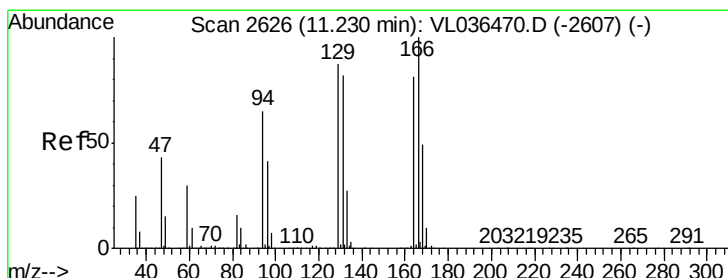
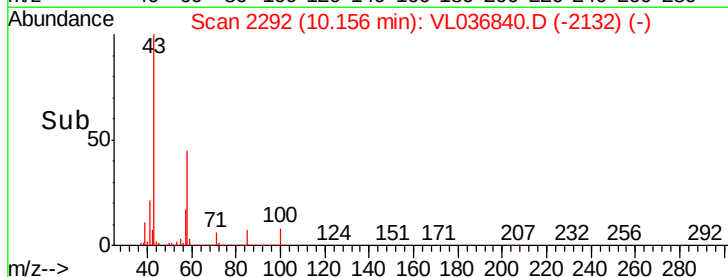
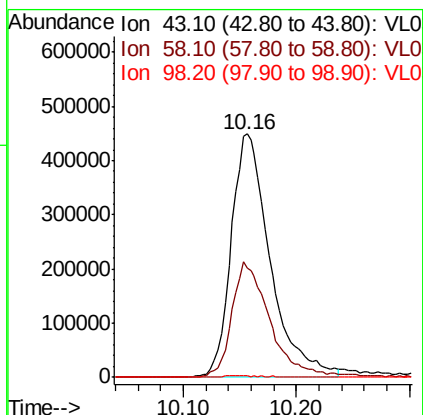
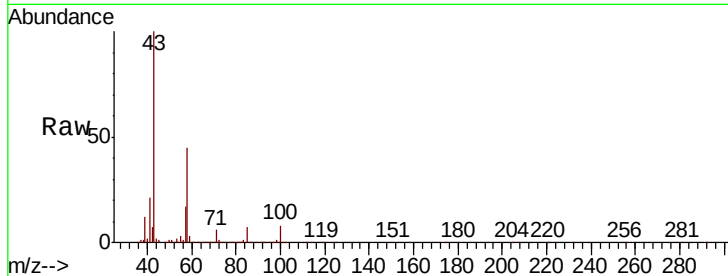
Ion 58.10 (57.80 to 58.80): VL0





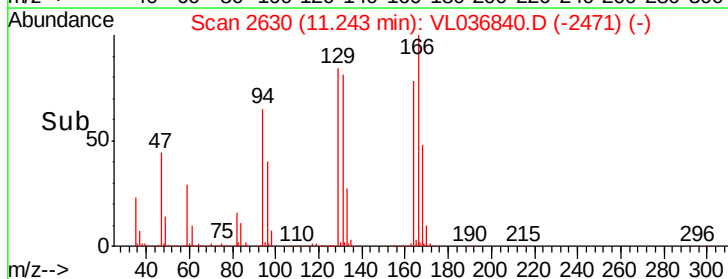
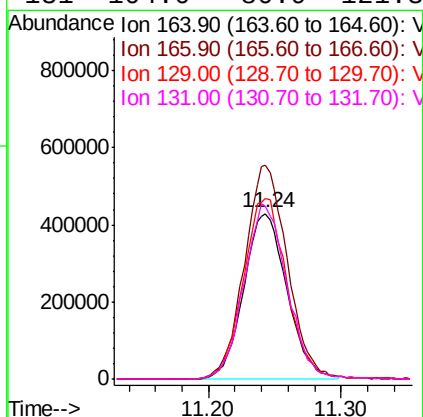
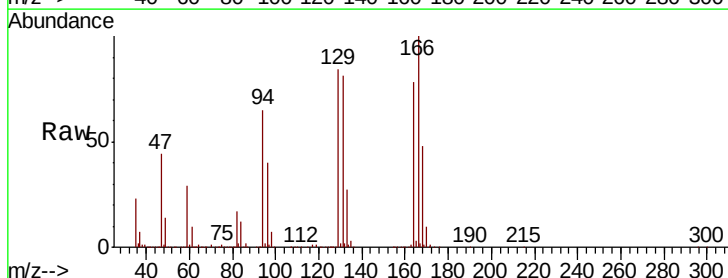
#51
 2-Hexanone
 Concen: 9.626 ppbv
 RT: 10.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 21 Apr 2021 2:49

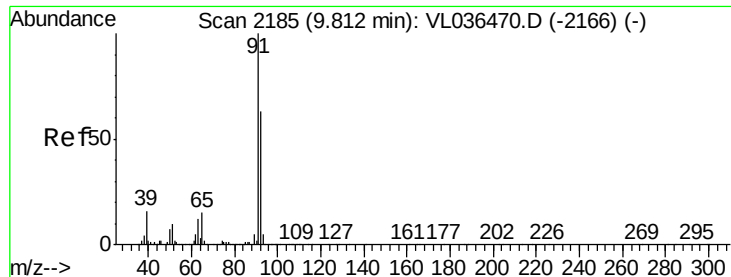
Tot Ion: 43 Resp: 1076296
 Ion Ratio Lower Upper
 43 100
 58 47.4 37.7 56.5
 98 0.5 0.2 0.2#



#52
 Tetrachloroethene
 Concen: 9.120 ppbv
 RT: 11.24 min Scan# 2630
 Delta R.T. 0.01 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

Tgt Ion: 164 Resp: 971542
 Ion Ratio Lower Upper
 164 100
 166 128.9 98.3 147.5
 129 108.6 85.8 128.8
 131 104.0 80.9 121.3





#53

Toluene

Concen: 10.251 ppbv

RT: 9.83 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

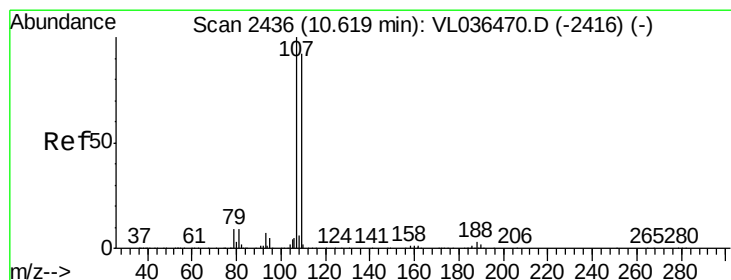
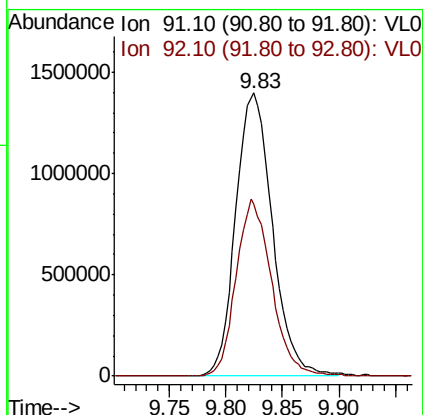
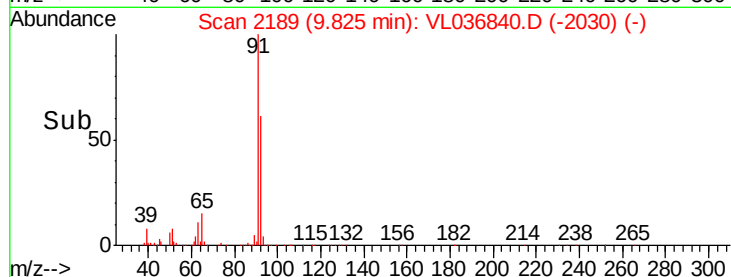
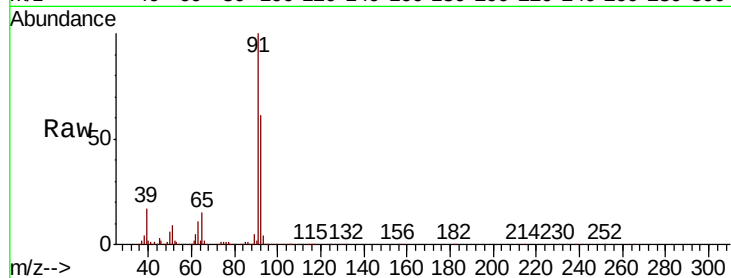
Acq: 21 Apr 2021 2:49

Tot Ion: 91 Resp: 3158229

Ion Ratio Lower Upper

91 100

92 60.6 48.8 73.2



#54

1,2-Dibromoethane

Concen: 9.681 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. 0.01 min

Lab File: VL036840.D

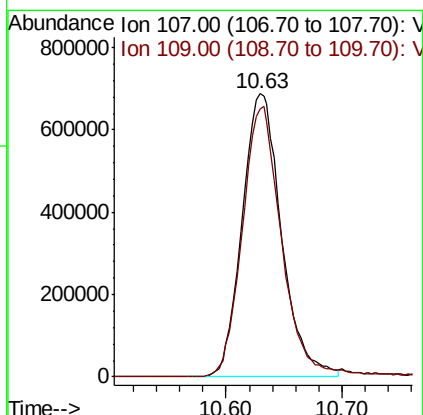
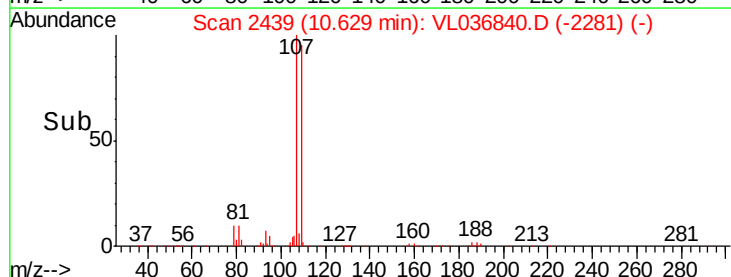
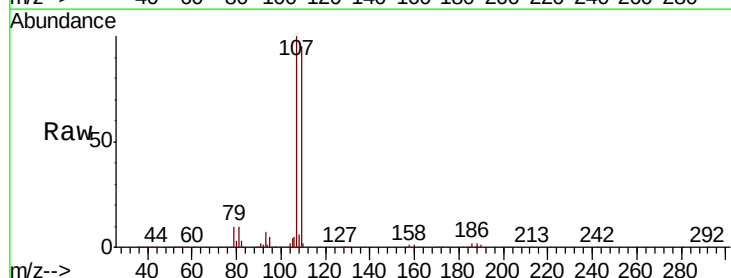
Acq: 21 Apr 2021 2:49

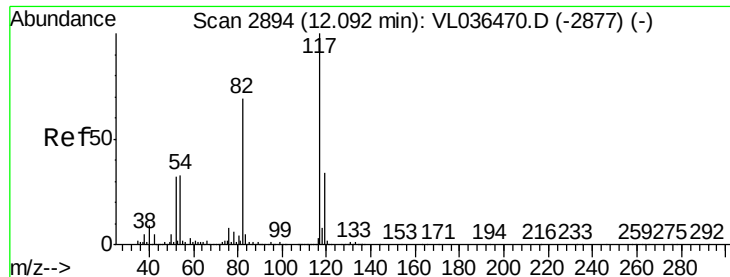
Tgt Ion: 107 Resp: 1625184

Ion Ratio Lower Upper

107 100

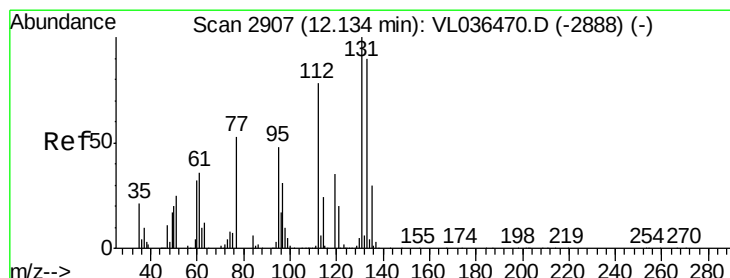
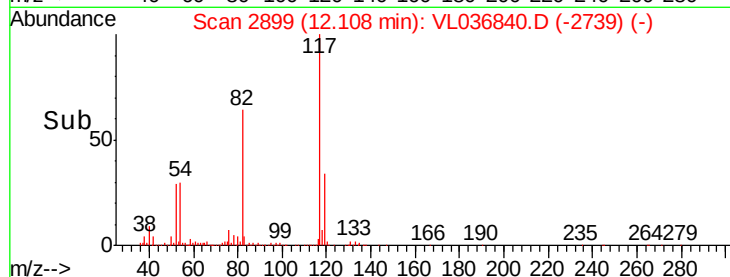
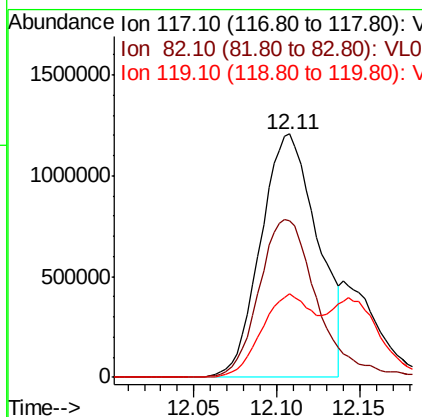
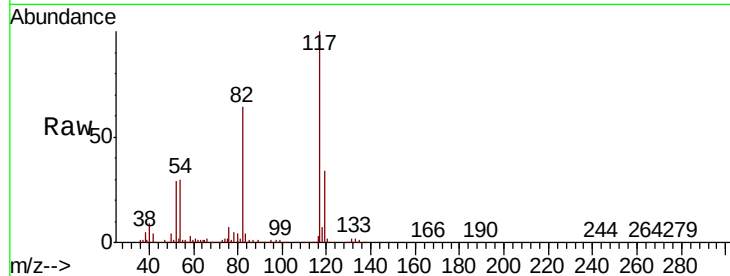
109 94.7 73.9 110.9





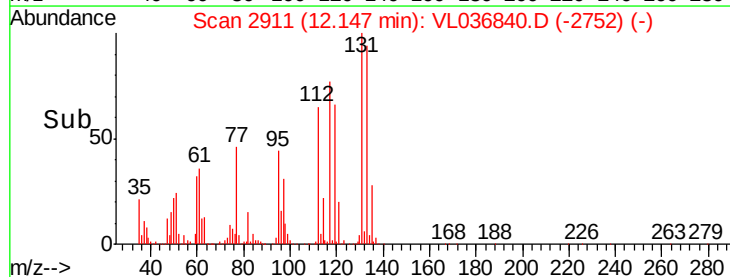
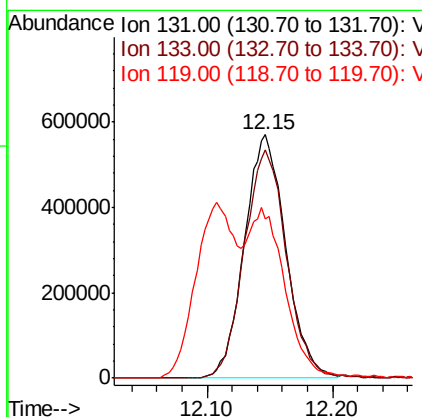
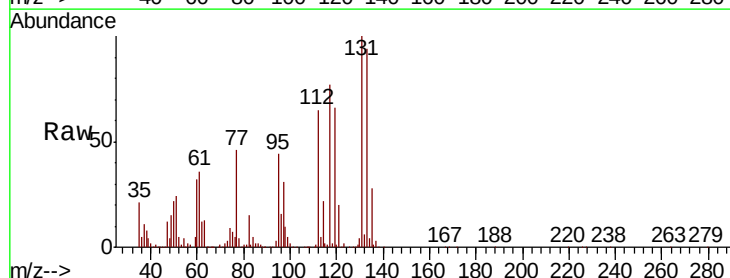
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Apr 2021 2:49

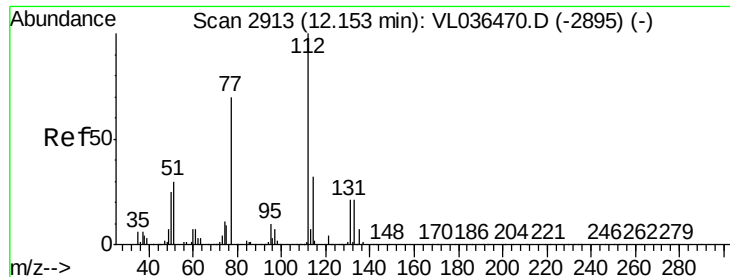
Tot Ion:117 Resp: 2882374
Ion Ratio Lower Upper
117 100
82 67.4 57.4 86.0
119 29.9 47.4 71.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 10.008 ppbv
RT: 12.15 min Scan# 2911
Delta R.T.: 0.01 min
Lab File: VL036840.D
Acq: 21 Apr 2021 2:49

Tgt Ion:131 Resp: 1304767
Ion Ratio Lower Upper
131 100
133 96.3 75.8 113.6
119 59.3 48.7 73.1





#57

Chlorobenzene

Concen: 9.547 ppbv

RT: 12.17 min

Delta R.T. MSVOA_L

Lab File:

ClientSampleId:

Acq: 21 Apr 2021 2:49

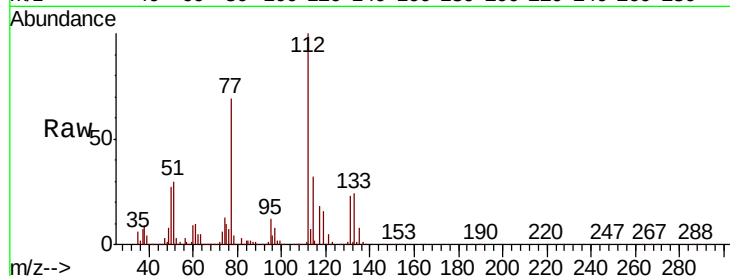
Tot Ion: 112 Resp: 2341485

Ion Ratio Lower Upper

112 100

77 67.7 56.0 84.0

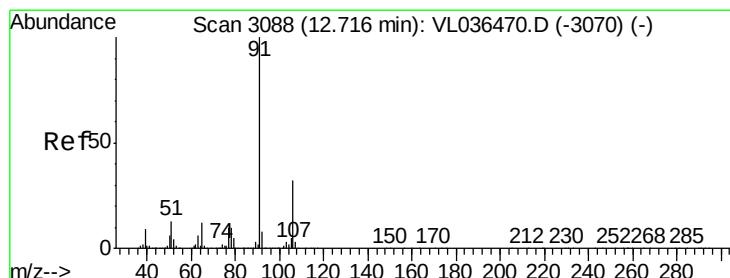
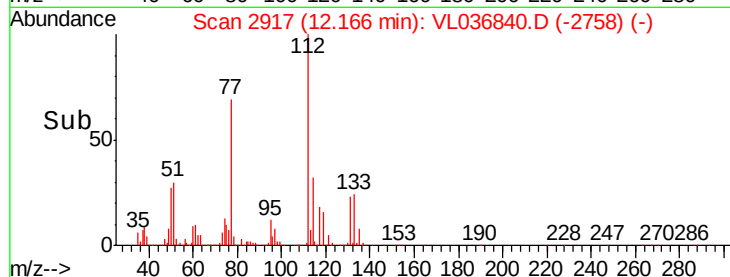
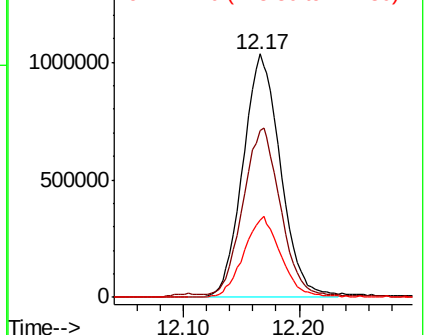
114 31.6 29.0 35.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 10.130 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. 0.02 min

Lab File: VL036840.D

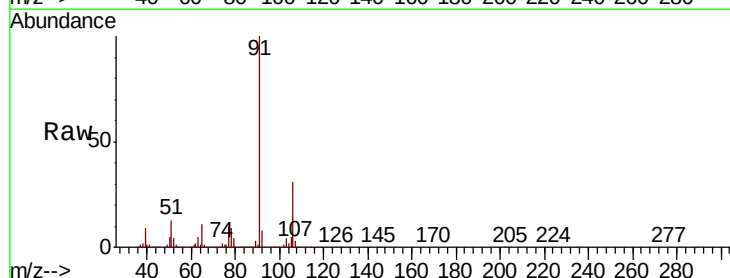
Acq: 21 Apr 2021 2:49

Tgt Ion: 91 Resp: 4247909

Ion Ratio Lower Upper

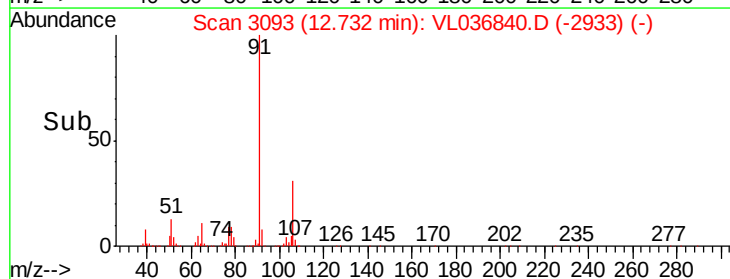
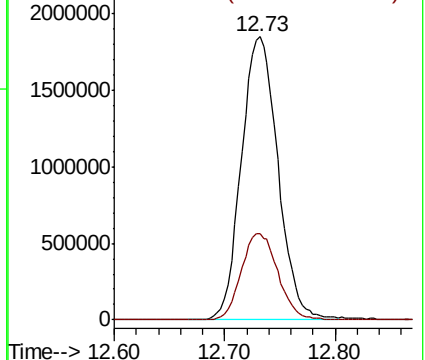
91 100

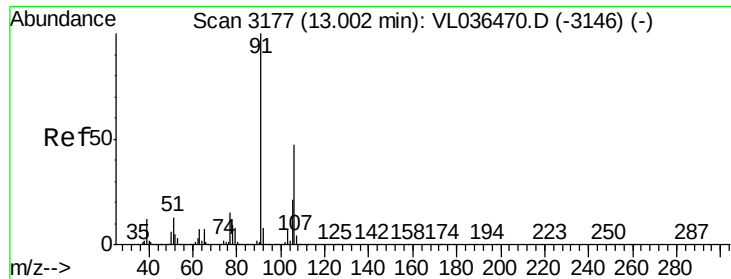
106 30.6 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

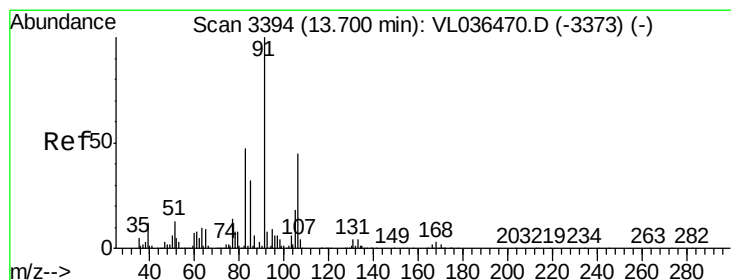
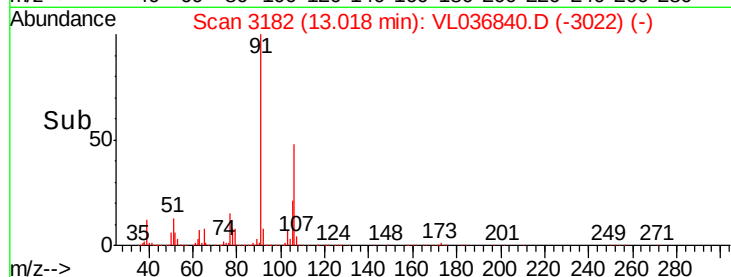
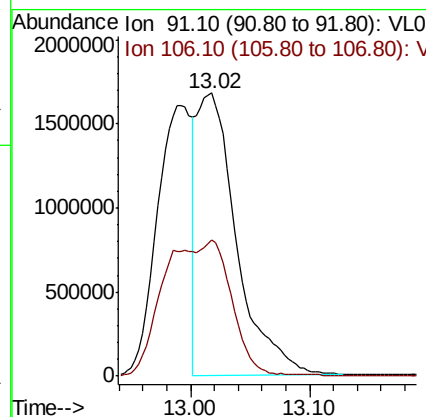
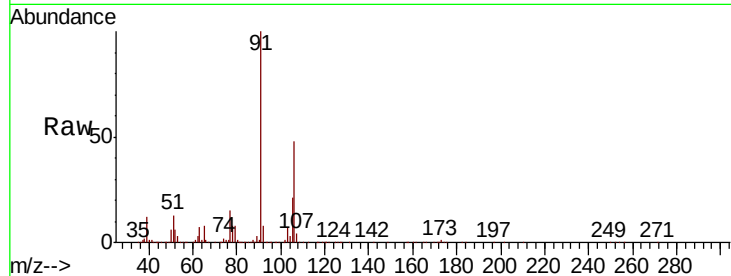
Ion 106.10 (105.80 to 106.80): V





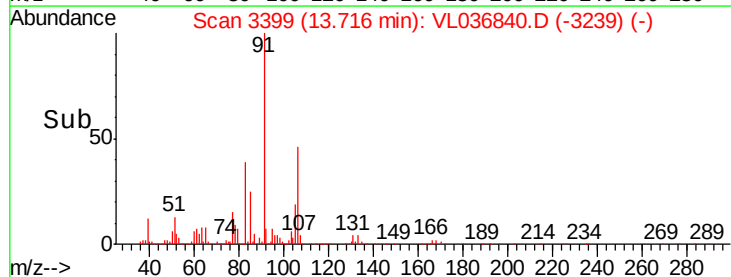
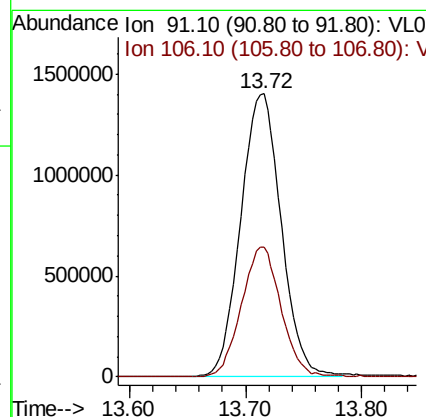
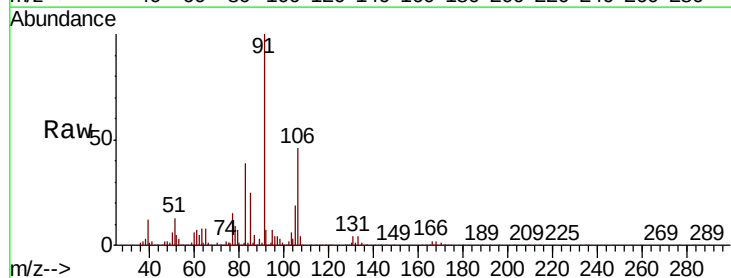
#59
m/p-Xylene
Concen: 10.619 ppbv
RT: 13.02 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Apr 2021 2:49

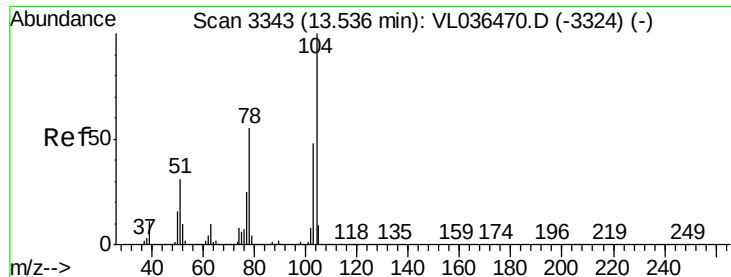
Tot Ion: 91 Resp: 3883923
Ion Ratio Lower Upper
91 100
106 82.4 35.3 52.9#



#60
o-Xylene
Concen: 9.590 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. 0.02 min
Lab File: VL036840.D
Acq: 21 Apr 2021 2:49

Tgt Ion: 91 Resp: 3391515
Ion Ratio Lower Upper
91 100
106 45.3 22.3 66.9





#61

Stvrene

Concen: 10.183 ppbv

RT: 13.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Apr 2021 2:49

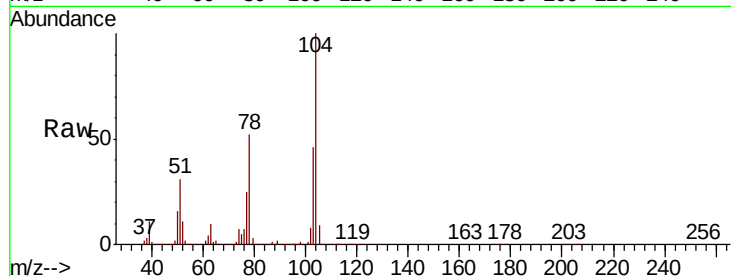
Tot Ion:104 Resp: 1811741

Ion Ratio Lower Upper

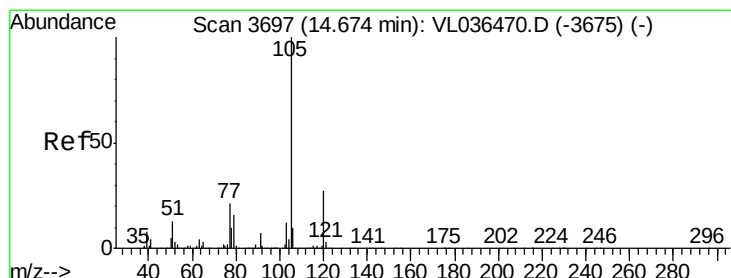
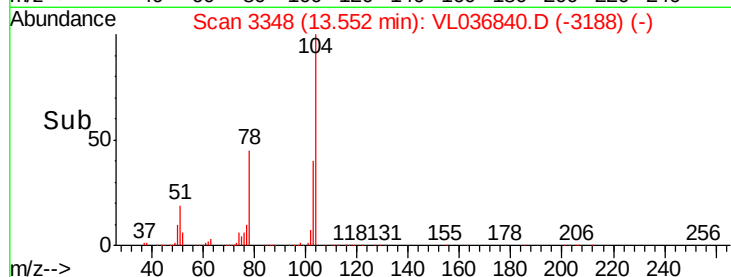
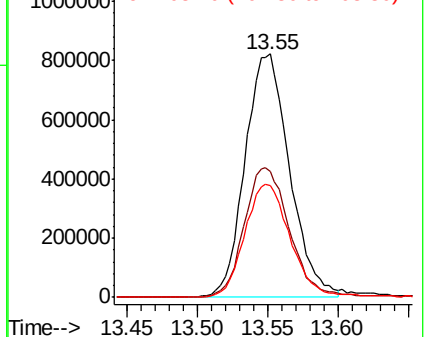
104 100

78 55.0 43.8 65.8

103 48.3 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: 9.937 ppbv

RT: 14.69 min Scan# 3702

Delta R.T. 0.02 min

Lab File: VL036840.D

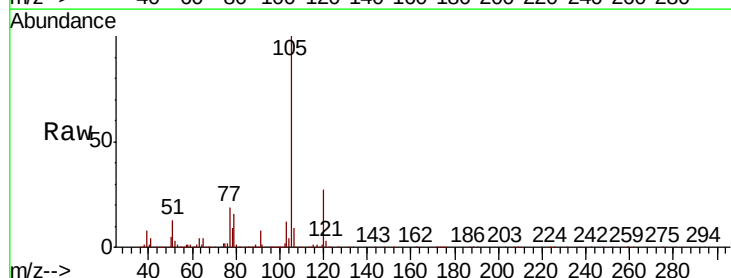
Acq: 21 Apr 2021 2:49

Tgt Ion:105 Resp: 4732762

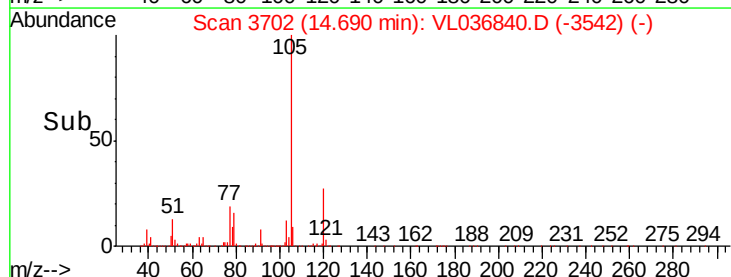
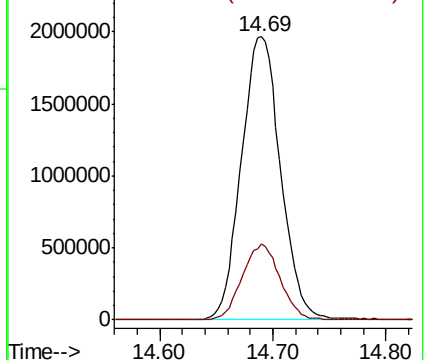
Ion Ratio Lower Upper

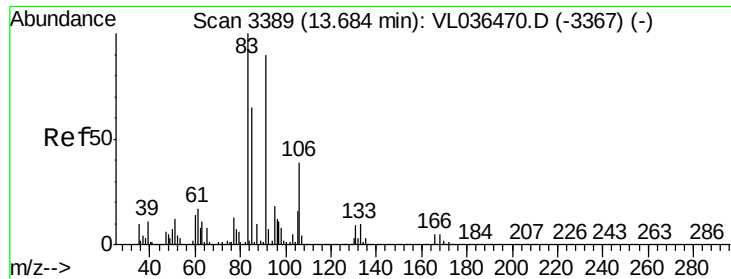
105 100

120 26.2 20.6 31.0



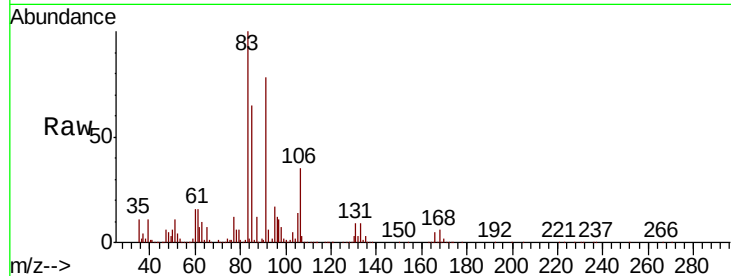
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V



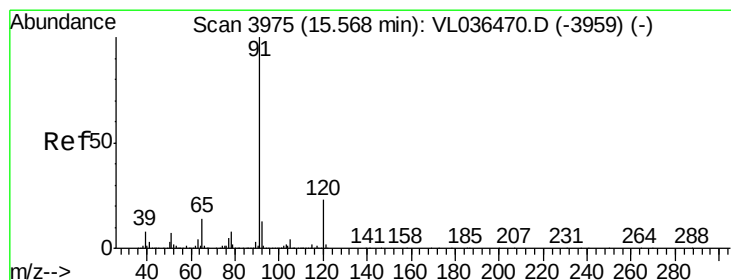
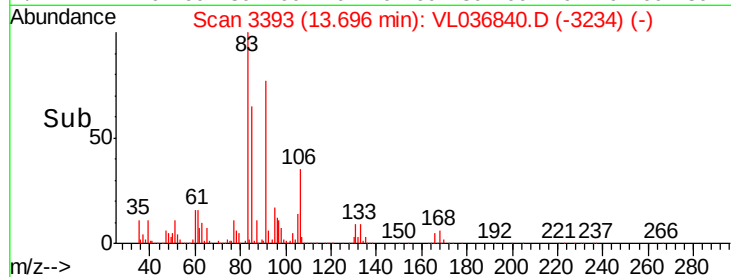
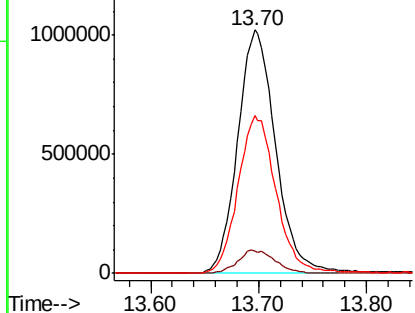


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.248 ppbv
 RT: 13.70 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 21 Apr 2021 2:49

Tot Ion: 83 Resp: 2494906
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.7 14.0
 85 65.3 33.1 99.3

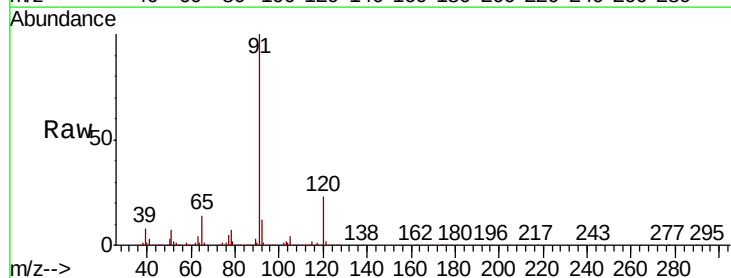


Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VL0

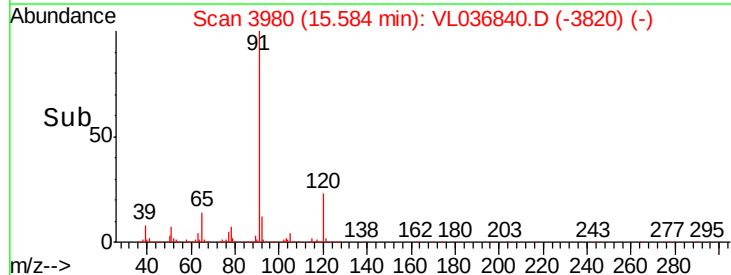
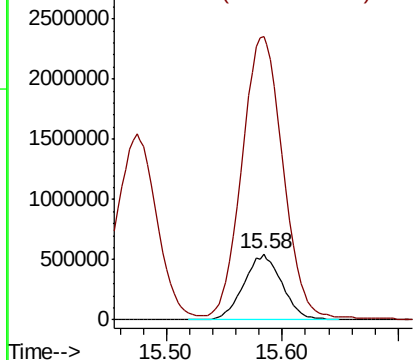


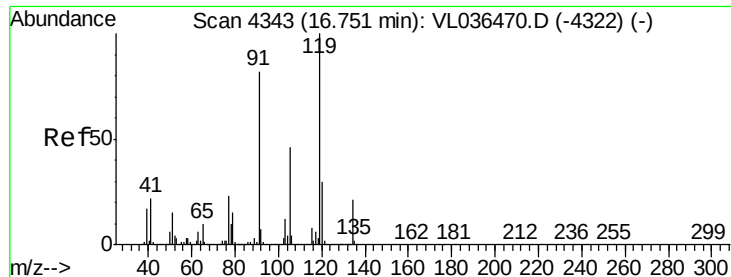
#64
 n-propylbenzene
 Concen: 10.701 ppbv
 RT: 15.58 min Scan# 3980
 Delta R.T. 0.02 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

Tgt Ion: 120 Resp: 1245976
 Ion Ratio Lower Upper
 120 100
 91 468.5 377.4 566.2



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





#65

tert-Butylbenzene

Concen: 10.078 ppbv

RT: 16.77

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Apr 2021 2:49

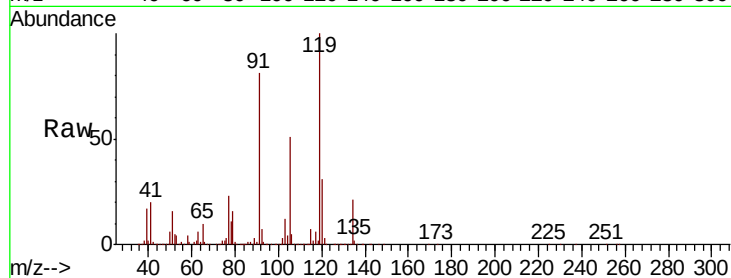
Tot Ion: 119 Resp: 4162055

Ion Ratio Lower Upper

119 100

91 83.4 67.5 101.3

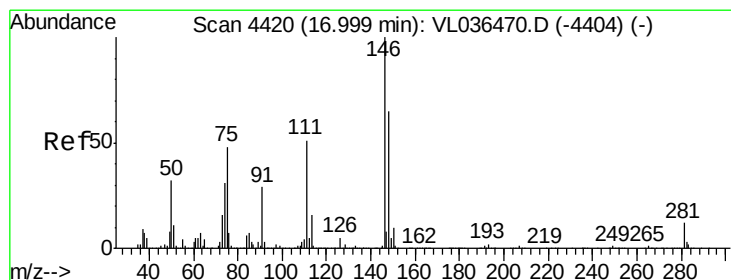
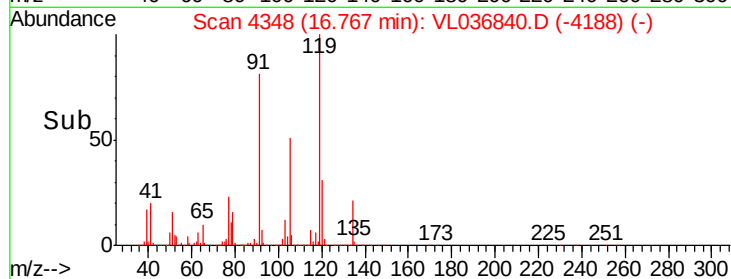
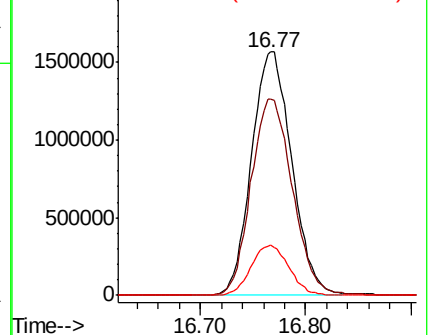
134 19.7 15.8 23.8



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 7.319 ppbv

RT: 17.01 min Scan# 4424

Delta R.T. 0.01 min

Lab File: VL036840.D

Acq: 21 Apr 2021 2:49

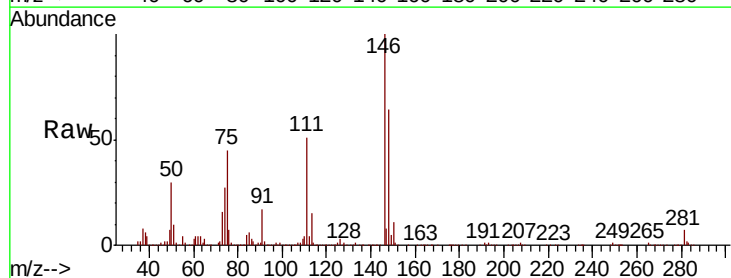
Tgt Ion: 91 Resp: 334071

Ion Ratio Lower Upper

91 100

126 16.3 13.5 20.3

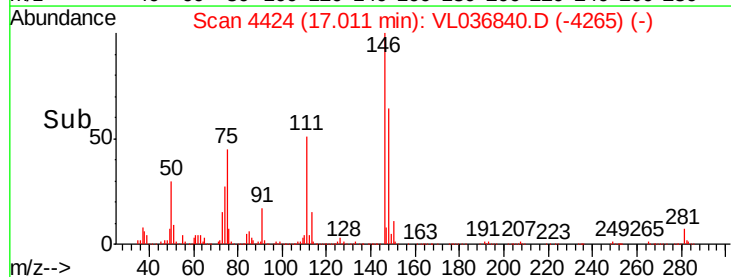
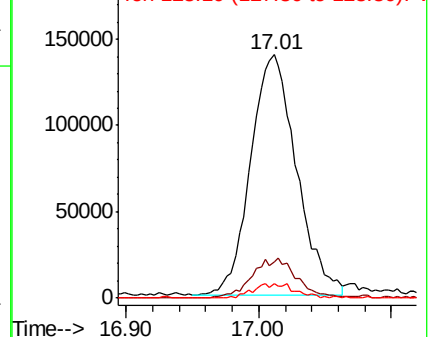
128 6.0 4.2 6.4

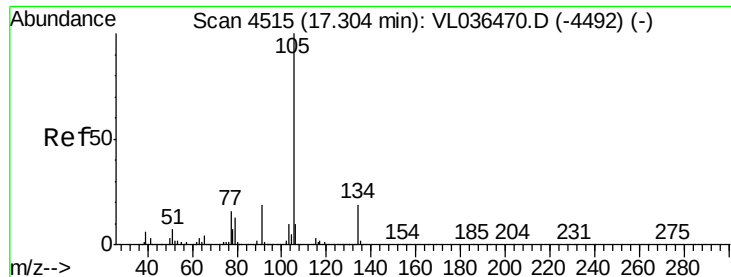


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

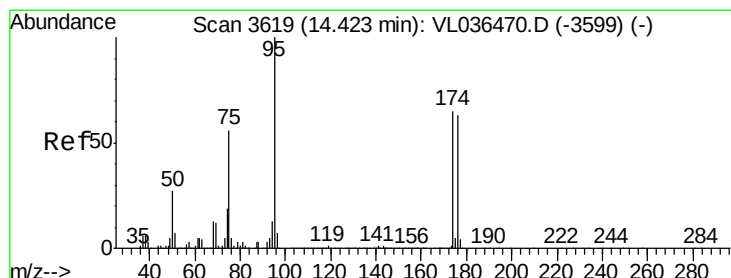
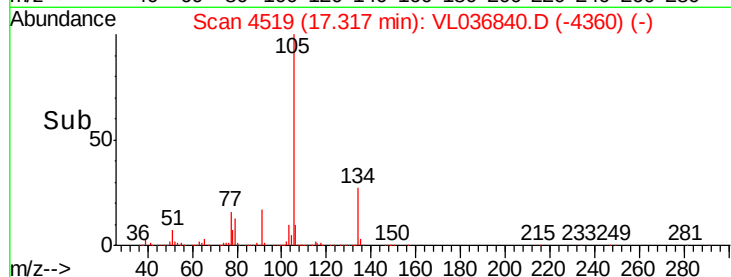
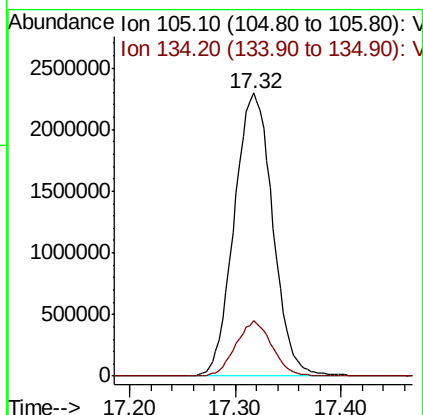
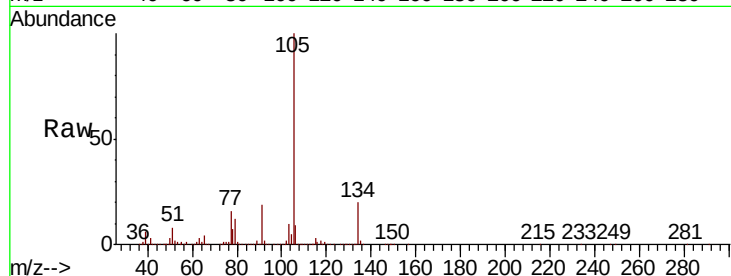
Ion 128.10 (127.80 to 128.80): V





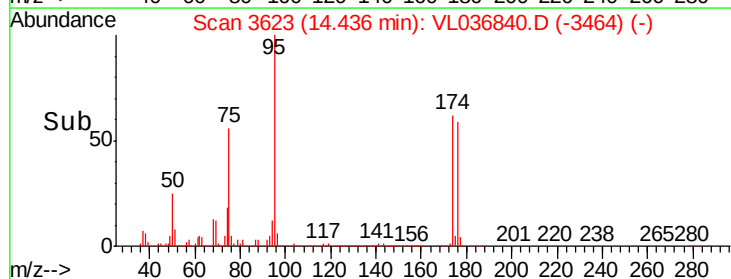
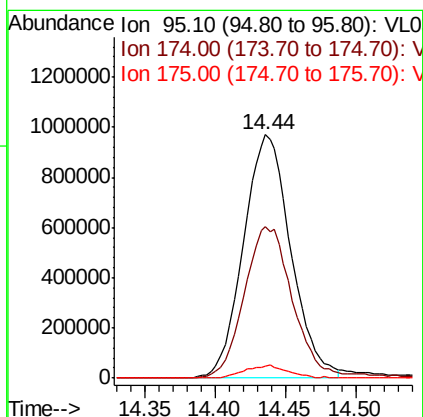
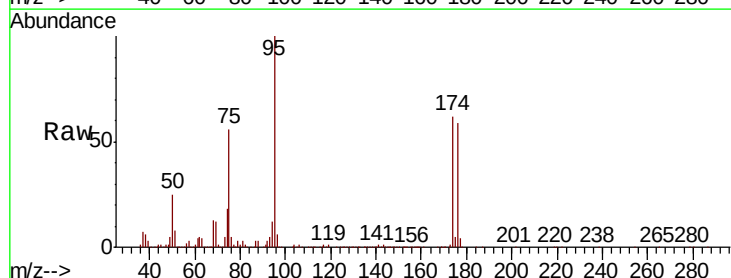
#67
 sec-Butylbenzene
 Concen: 9.963 ppbv
 RT: 17.32
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Apr 2021 2:49

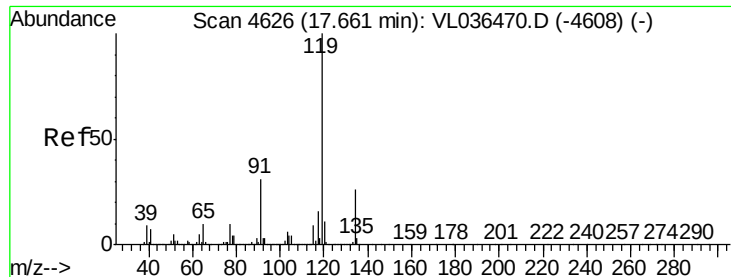
Tot Ion: 105 Resp: 5807689
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.7 22.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.887 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. 0.01 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

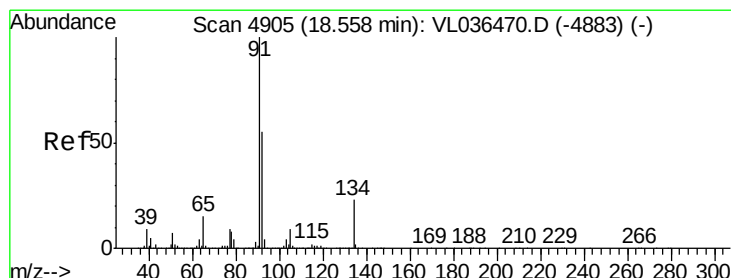
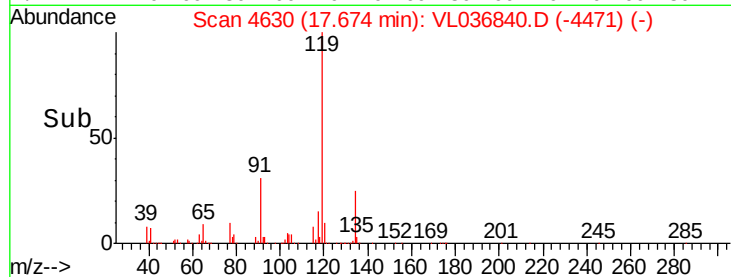
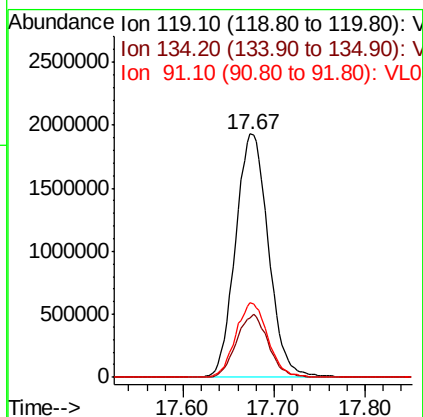
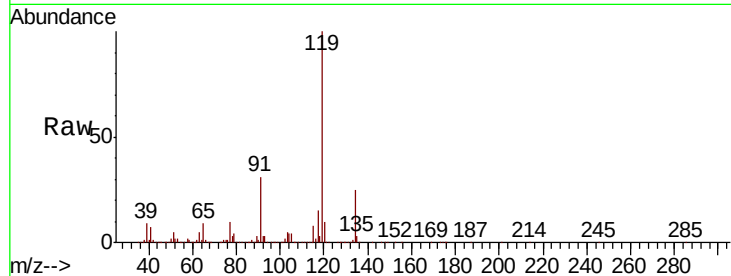
Tgt Ion: 95 Resp: 2271333
 Ion Ratio Lower Upper
 95 100
 174 65.7 51.0 76.6
 175 5.1 3.9 5.9





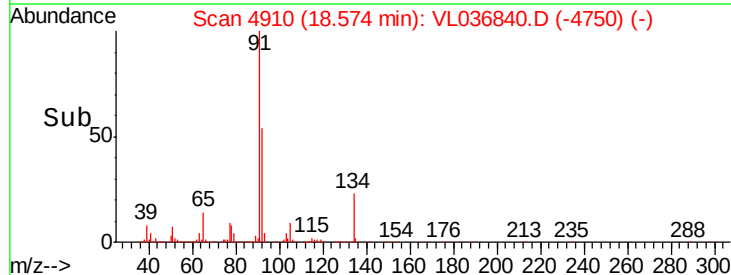
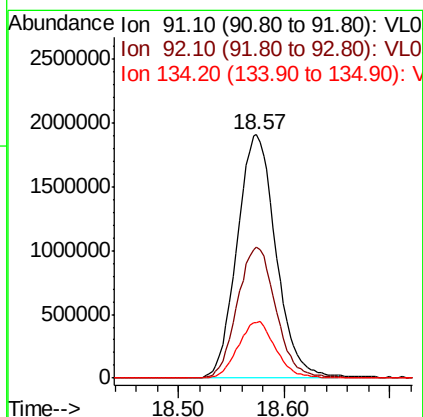
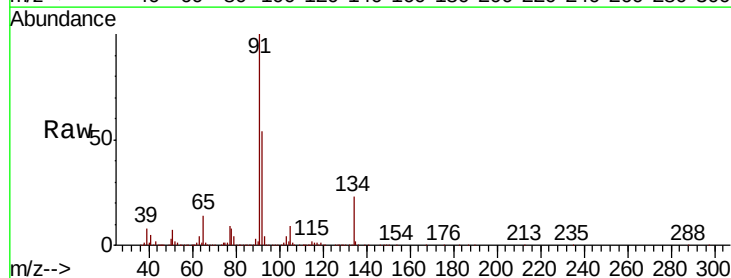
#69
 p-Isopropyltoluene
 Concen: 10.651 ppbv
 RT: 17.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Apr 2021 2:49

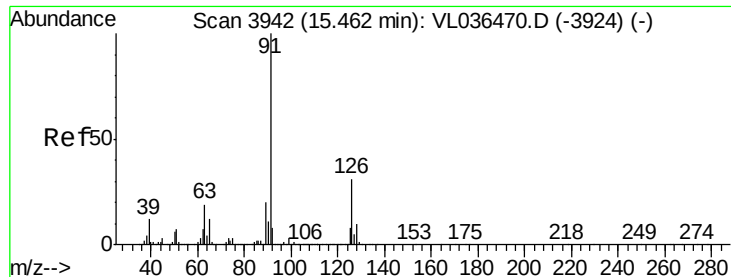
Tot Ion:	119	Resp:	4848692
Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.6	30.8
91	30.0	25.0	37.6



#70
 n-Butylbenzene
 Concen: 10.355 ppbv
 RT: 18.57 min Scan# 4910
 Delta R.T.: 0.02 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

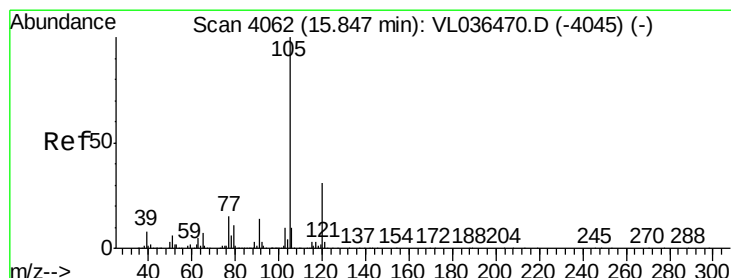
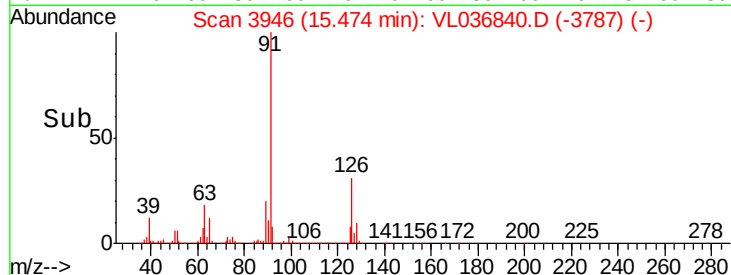
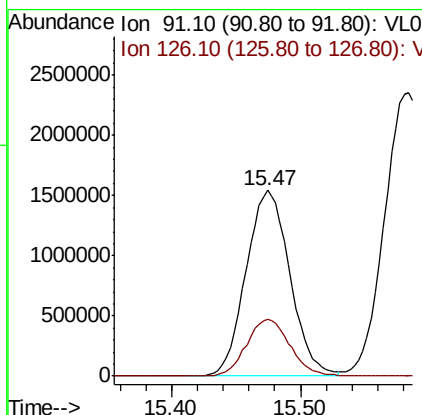
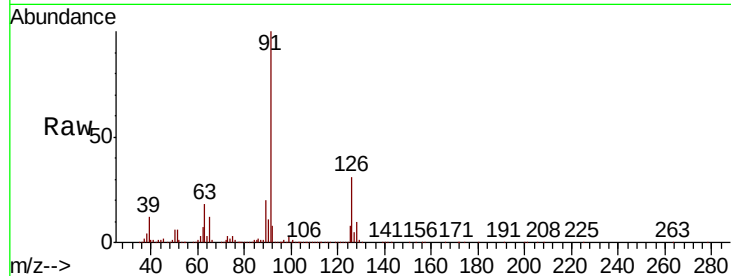
Tgt Ion:	91	Resp:	4887517
Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.8	65.8
134	22.7	18.0	27.0





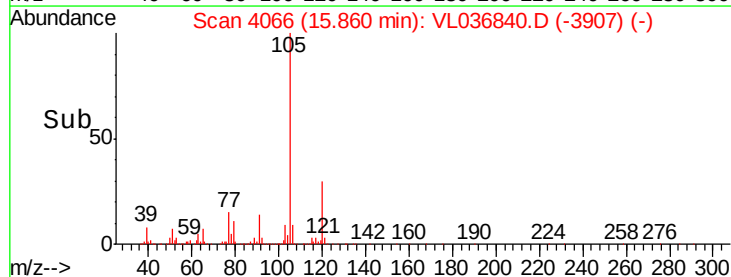
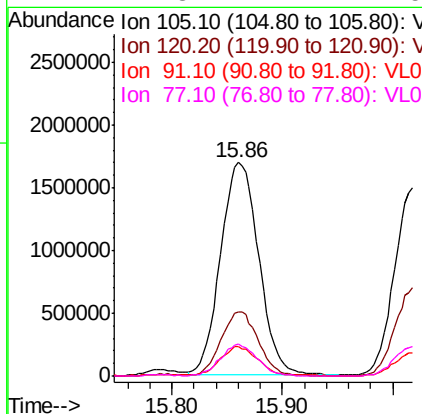
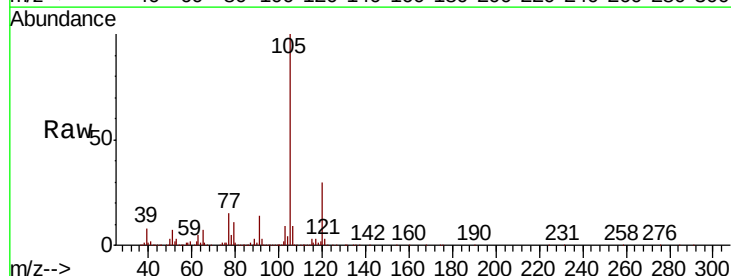
#71
 2-Chlorotoluene
 Concen: 10.223 ppbv
 RT: 15.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Apr 2021 2:49

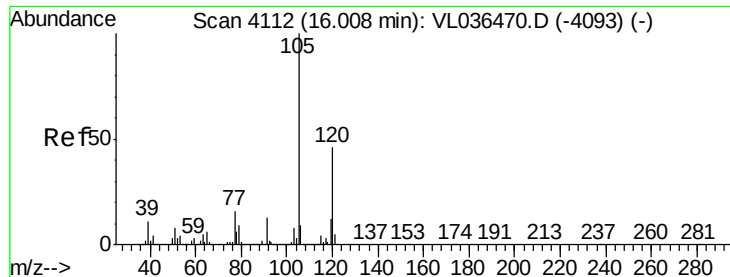
Tot Ion: 91 Resp: 3648415
 Ion Ratio Lower Upper
 91 100
 126 30.7 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 10.475 ppbv
 RT: 15.86 min Scan# 4066
 Delta R.T.: 0.01 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

Tgt Ion: 105 Resp: 4059249
 Ion Ratio Lower Upper
 105 100
 120 29.7 24.0 36.0
 91 13.5 11.0 16.4
 77 14.3 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.981 ppbv

RT: 16.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

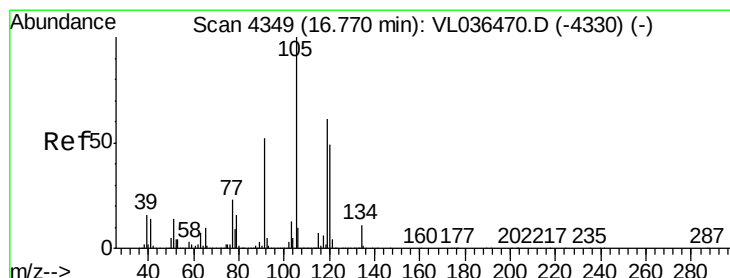
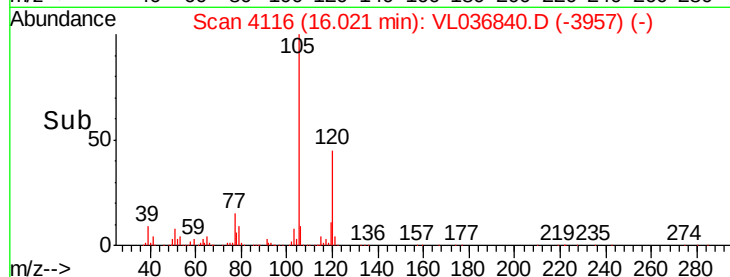
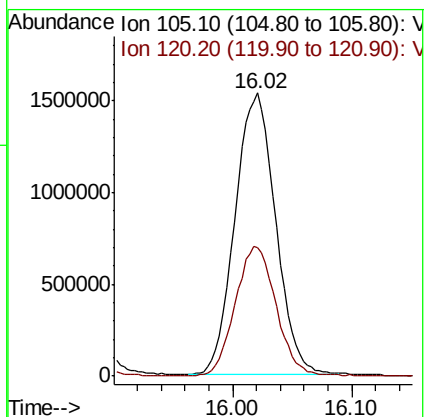
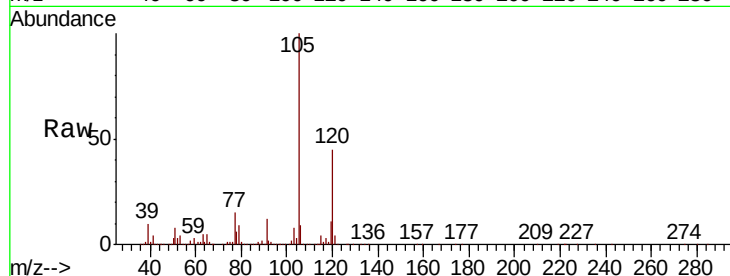
Acq: 21 Apr 2021 2:49

Tot Ion:105 Resp: 3609946

Ion Ratio Lower Upper

105 100

120 45.5 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 9.755 ppbv

RT: 16.79 min Scan# 4354

Delta R.T. 0.02 min

Lab File: VL036840.D

Acq: 21 Apr 2021 2:49

Tgt Ion:105 Resp: 3775650

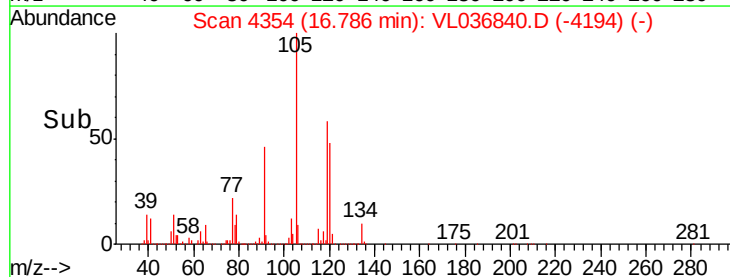
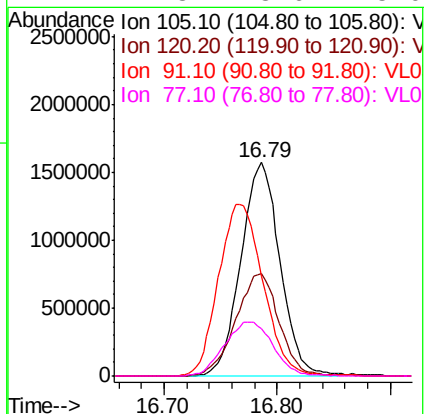
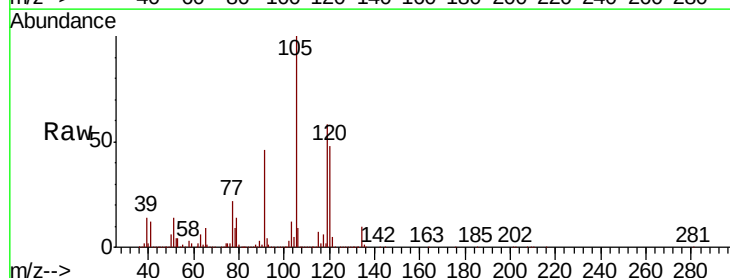
Ion Ratio Lower Upper

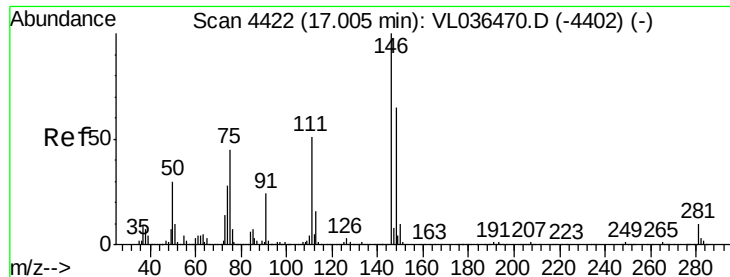
105 100

120 47.6 39.2 58.8

91 45.9 42.6 64.0

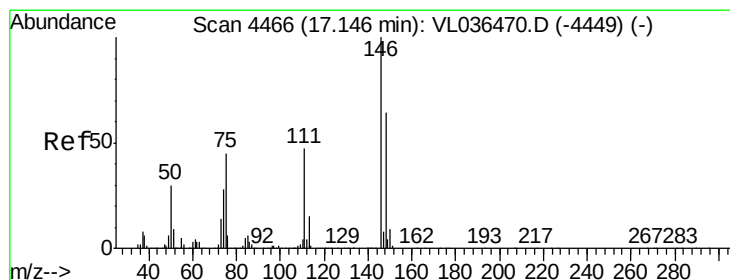
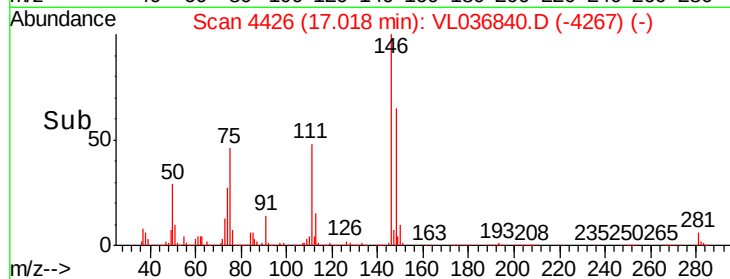
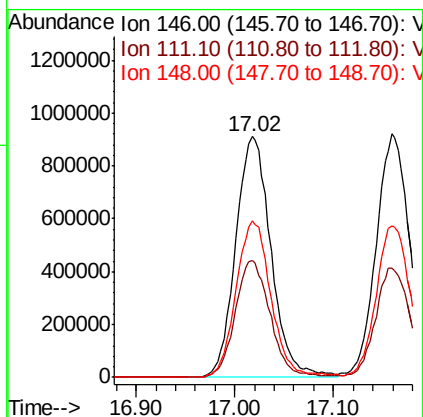
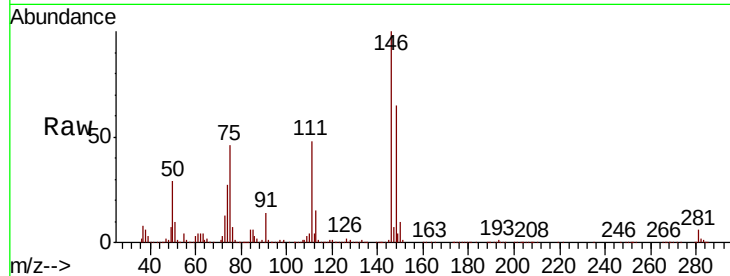
77 21.8 18.6 28.0





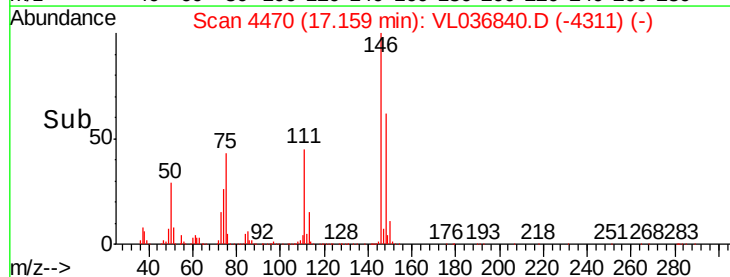
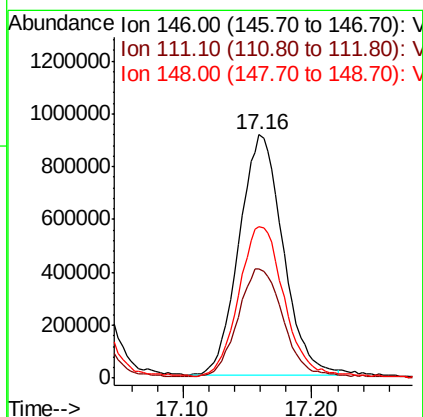
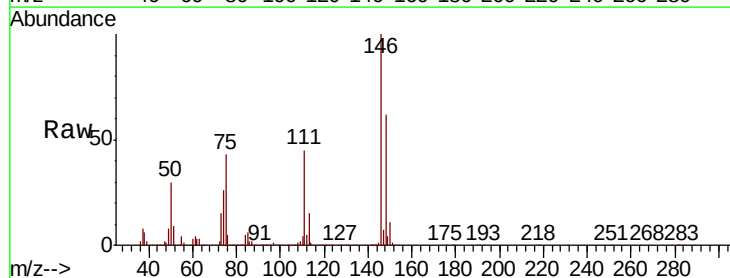
#75
 1,3-Dichlorobenzene
 Concen: 10.394 ppbv
 RT: 17.02 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 21 Apr 2021 2:49

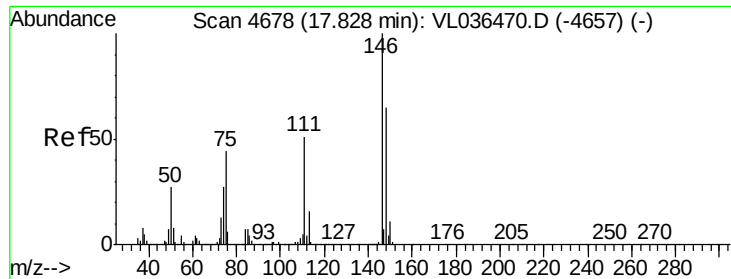
Tot Ion:146 Resp: 2264516
 Ion Ratio Lower Upper
 146 100
 111 48.0 24.5 73.5
 148 64.1 32.3 96.9



#76
 1,4-Dichlorobenzene
 Concen: 9.941 ppbv
 RT: 17.16 min Scan# 4470
 Delta R.T. 0.01 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

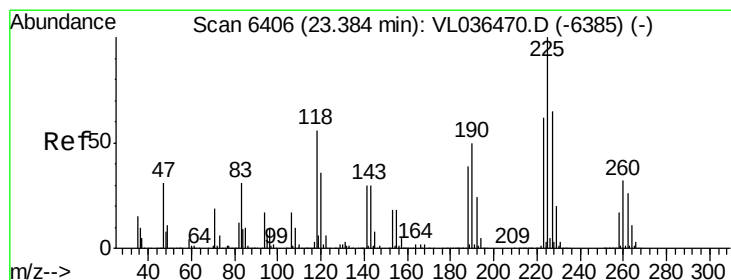
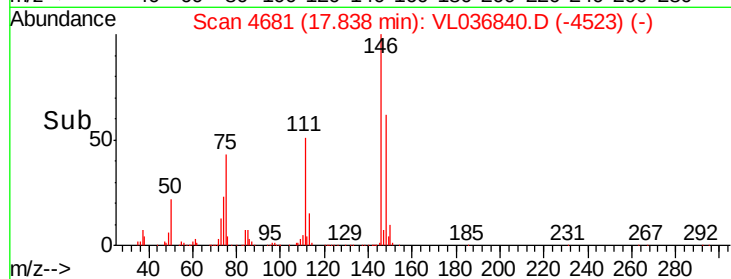
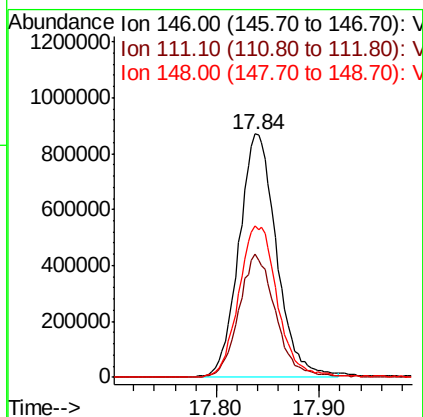
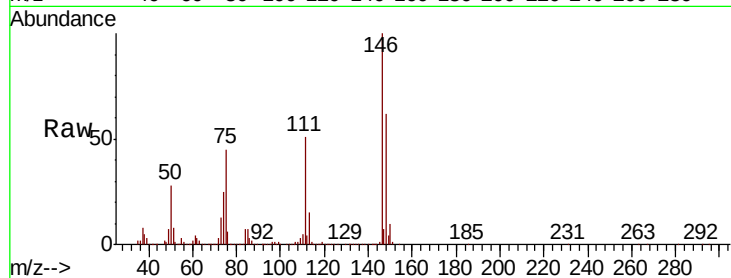
Tgt Ion:146 Resp: 2150402
 Ion Ratio Lower Upper
 146 100
 111 48.4 24.3 72.8
 148 67.4 33.0 98.9





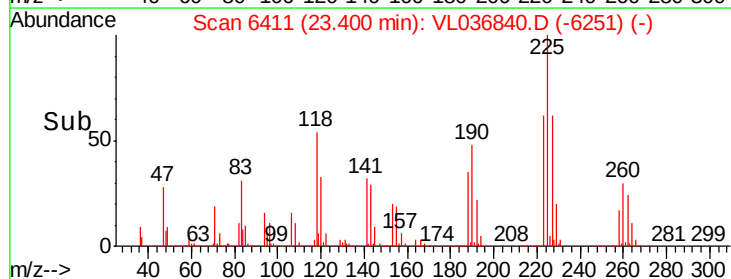
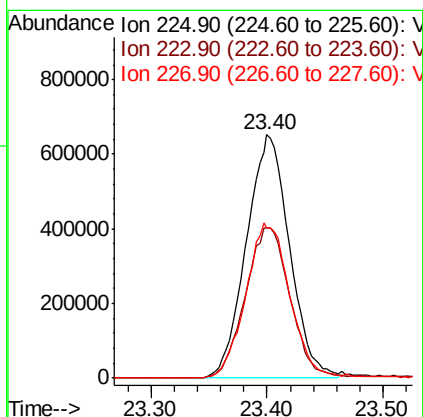
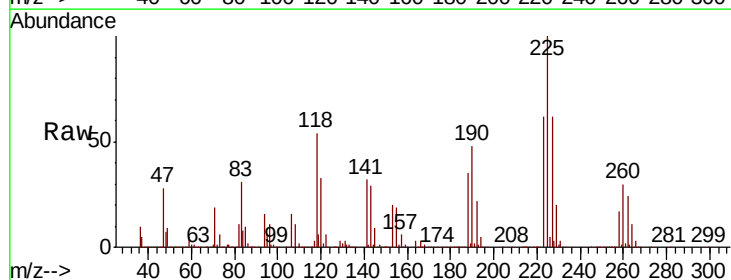
#77
 1,2-Dichlorobenzene
 Concen: 10.688 ppbv
 RT: 17.84 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Apr 2021 2:49

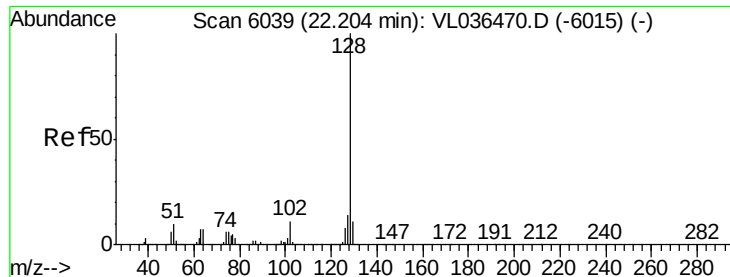
Tot Ion:146 Resp: 2188749
 Ion Ratio Lower Upper
 146 100
 111 50.0 25.5 76.5
 148 64.2 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.190 ppbv
 RT: 23.40 min Scan# 6411
 Delta R.T.: 0.02 min
 Lab File: VL036840.D
 Acq: 21 Apr 2021 2:49

Tgt Ion:225 Resp: 1685492
 Ion Ratio Lower Upper
 225 100
 223 65.2 50.6 75.8
 227 65.6 52.2 78.2





#79

Naphthalene

Concen: 10.788 ppbv

RT: 22.22

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Apr 2021 2:49

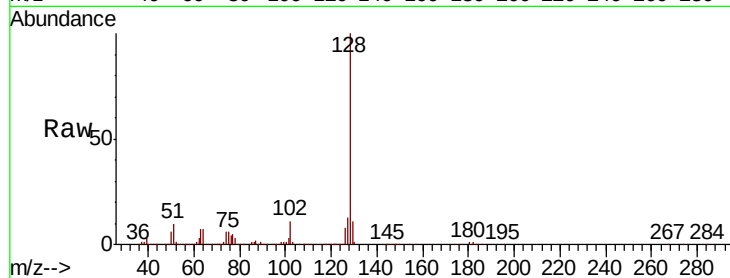
Tot Ion:128 Resp: 2436478

Ion Ratio Lower Upper

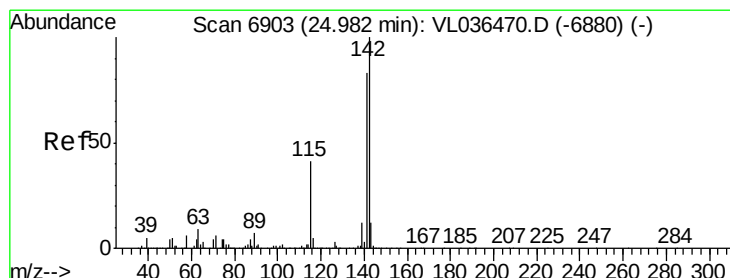
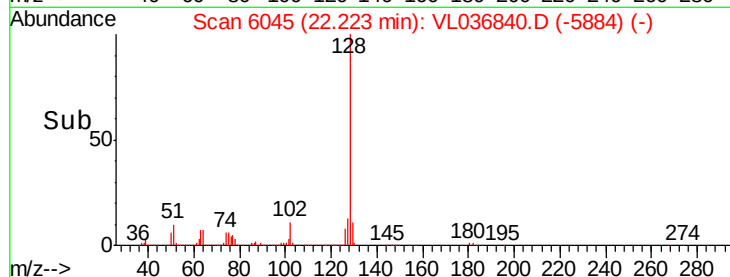
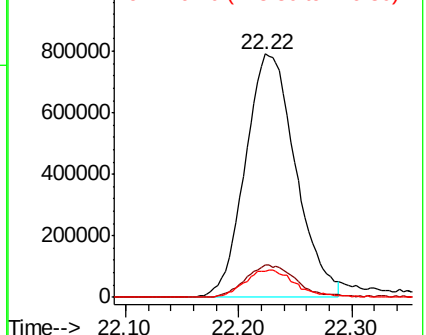
128 100

127 13.2 10.9 16.3

129 10.8 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: 7.450 ppbv

RT: 25.00 min Scan# 6909

Delta R.T. 0.02 min

Lab File: VL036840.D

Acq: 21 Apr 2021 2:49

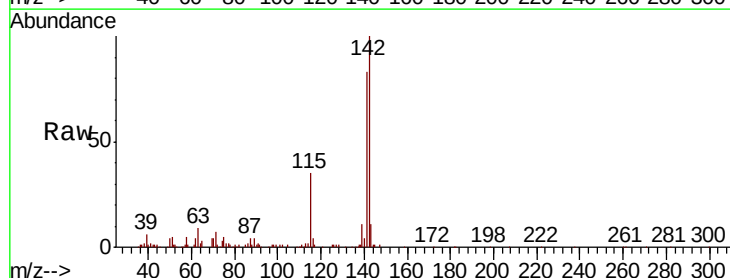
Tgt Ion:142 Resp: 331822

Ion Ratio Lower Upper

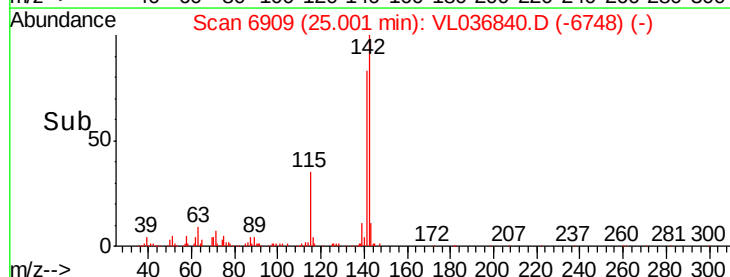
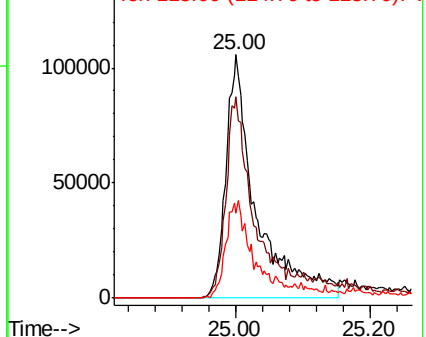
142 100

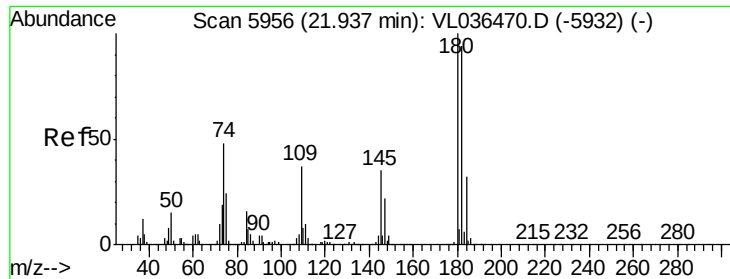
141 78.6 67.8 101.8

115 37.3 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: 10.823 ppbv

RT: 21.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Apr 2021 2:49

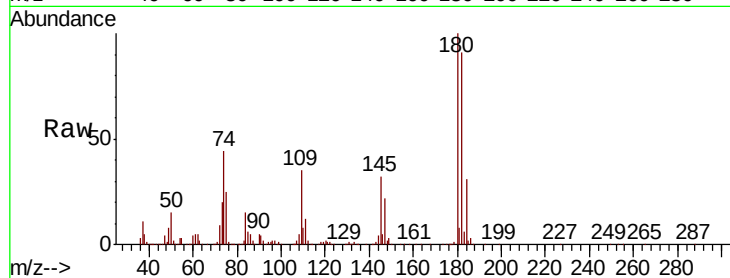
Tot Ion:180 Resp: 1509257

Ion Ratio Lower Upper

180 100

182 99.5 80.8 121.2

184 32.5 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

