

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036848.D
 Acq On : 27 Apr 2021 5:14
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 27 07:53:18 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 07:21:25 2021
 QLast Update : Tue Apr 27 07:21:25 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1558583	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3998959	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3770817	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3143230	10.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	2950158	11.641	ppbv 98
3) Chlorodifluoromethane	2.99	51	3820287	13.134	ppbv 99
4) Chloromethane	3.14	50	1322539	13.024	ppbv 95
5) Vinyl Chloride	3.25	62	1292110	12.405	ppbv 96
6) Bromomethane	3.47	94	749233	13.143	ppbv 96
7) Chloroethane	3.56	64	437935	12.278	ppbv 93
8) Dichlorotetrafluoroethane	3.18	85	2978498	12.443	ppbv 100
9) Propene	3.01	41	1275257	13.840	ppbv 99
10) Heptane	8.12	43	3249423	13.839	ppbv 98
11) Trichlorofluoromethane	3.95	101	2999182	11.851	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	2075405	12.781	ppbv 99
13) Ethanol	3.61	45	115789	10.857	ppbv 95
14) Bromoethene	3.74	108	888928	13.241	ppbv 97
15) Acetone	3.85	43	1778699	11.834	ppbv 98
16) 1,3-Butadiene	3.32	39	1344648	12.871	ppbv 100
17) tert-Butyl alcohol	4.29	59	1358370	10.323	ppbv 97
18) 1,1-Dichloroethene	4.28	96	886204	12.375	ppbv 94
19) Isopropyl Alcohol	3.97	45	815302	9.951	ppbv # 96
20) Methylene Chloride	4.34	84	774309	11.083	ppbv 95
21) Allyl Chloride	4.41	41	1578430	13.286	ppbv 98
22) trans-1,2-Dichloroethene	4.88	96	919159	13.630	ppbv 99
23) Vinyl Acetate	5.07	43	2874676	11.359	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1990953	11.045	ppbv 100
25) Ethyl Acetate	5.67	43	4847229	13.345	ppbv 99
26) Hexane	5.68	57	2225228	13.313	ppbv 98
27) Carbon Disulfide	4.55	76	2362089	14.402	ppbv 100
28) Methyl tert-Butyl Ether	5.03	73	2022565	10.703	ppbv 99
29) Chloroform	5.75	83	3584819	13.269	ppbv 97
30) Cyclohexane	7.12	84	1967749	14.444	ppbv 97
31) cis-1,2-Dichloroethene	5.55	61	2301886	14.287	ppbv 94
32) 1,1,1-Trichloroethane	6.51	97	3638625	13.379	ppbv 99
34) 2-Butanone	5.24	43	2495834	13.037	ppbv 99
35) Carbon Tetrachloride	7.01	117	3876713	12.685	ppbv 96
36) Benzene	6.89	78	4829273	13.239	ppbv 97
37) 1,2-Dichloroethane	6.30	62	2785572	13.018	ppbv 100
38) Trichloroethene	7.83	130	1734380	12.126	ppbv 99
39) 1,2-Dichloropropane	7.61	63	1889616	12.825	ppbv 95
40) 1,4-Dioxane	7.83	88	384380	11.070	ppbv # 1
41) Tetrahydrofuran	6.04	42	1197511	13.678	ppbv 100
42) Bromodichloromethane	7.79	83	3930659	13.521	ppbv 97
43) Methyl Methacrylate	8.01	69	1767237	14.538	ppbv 98

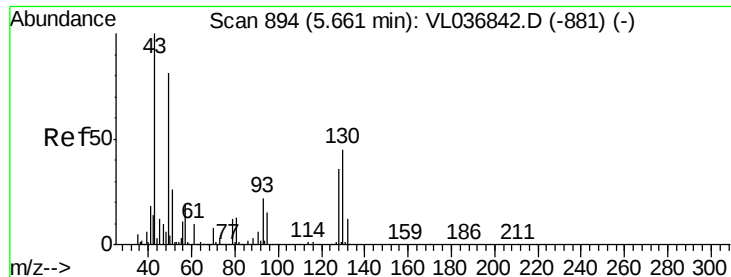
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036848.D
 Acq On : 27 Apr 2021 5:14
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 27 07:53:18 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 07:21:25 2021
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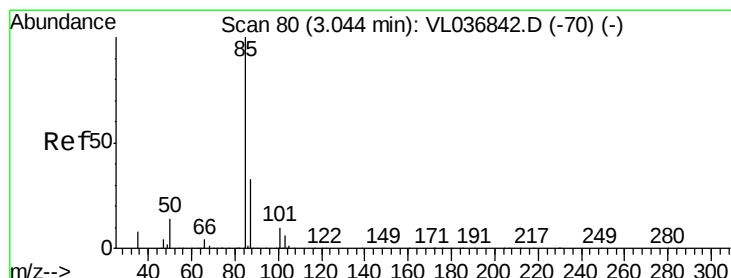
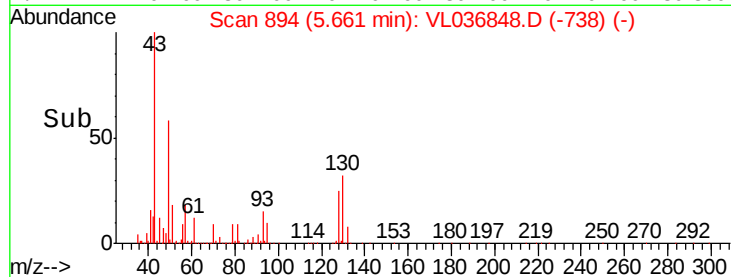
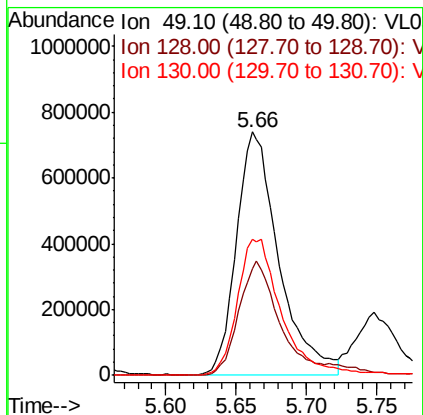
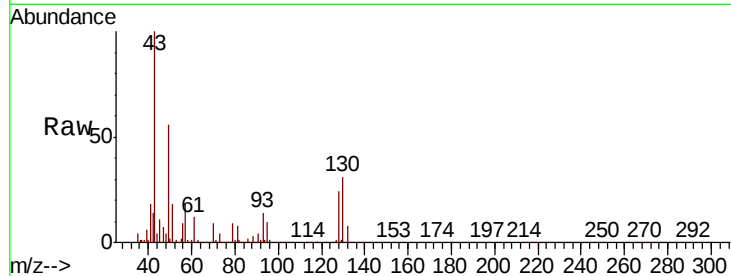
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	7794091	12.113	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	2145269	15.481	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	2598092	14.698	ppbv	100
47) 1,1,2-Trichloroethane	9.47	97	1977366	13.150	ppbv	99
48) Dibromochloromethane	10.30	129	3271967	14.353	ppbv	98
49) Bromoform	13.04	173	2679202	14.557	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	3779617	13.672	ppbv	99
51) 2-Hexanone	10.13	43	2090004	15.078	ppbv #	99
52) Tetrachloroethene	11.22	164	1638960	12.153	ppbv	96
53) Toluene	9.80	91	5404861	13.939	ppbv	99
54) 1,2-Dibromoethane	10.61	107	2848490	13.458	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	2163183	12.910	ppbv	88
57) Chlorobenzene	12.14	112	3972714	12.546	ppbv	99
58) Ethyl Benzene	12.71	91	7156414	13.296	ppbv	98
59) m/p-Xylene	13.00	91	5916879	12.579	ppbv #	27
60) o-Xylene	13.69	91	5665213	12.450	ppbv	99
61) Styrene	13.53	104	3462611	15.264	ppbv	99
62) Isopropylbenzene	14.66	105	7687218	12.552	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	4150723	11.841	ppbv	100
64) n-propylbenzene	15.56	120	2102916	14.002	ppbv	91
65) tert-Butylbenzene	16.74	119	6787461	12.701	ppbv	100
66) Benzyl Chloride	16.99	91	875959	15.326	ppbv	98
67) sec-Butylbenzene	17.29	105	9431103	12.506	ppbv	99
69) p-Isopropyltoluene	17.65	119	7891868	13.370	ppbv	99
70) n-Butylbenzene	18.55	91	8162113	13.343	ppbv	98
71) 2-Chlorotoluene	15.45	91	6058123	13.183	ppbv	99
72) 4-Ethyltoluene	15.84	105	6743465	13.453	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	6212008	13.283	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	6295266	12.533	ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	3786494	13.378	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	3713138	13.226	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	3647604	13.666	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	2807208	11.745	ppbv	100
79) Naphthalene	22.19	128	4861993	16.845	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	532113	10.942	ppbv	100
81) 1,2,4-Trichlorobenzene	21.92	180	2688225	15.027	ppbv	99

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



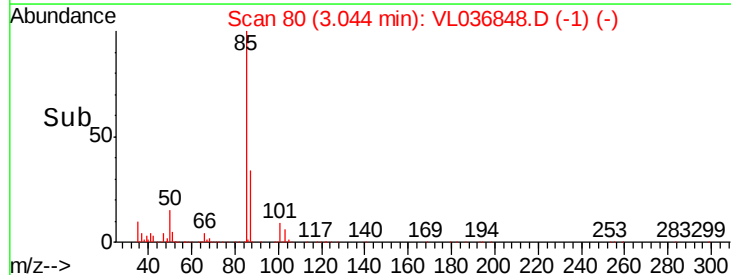
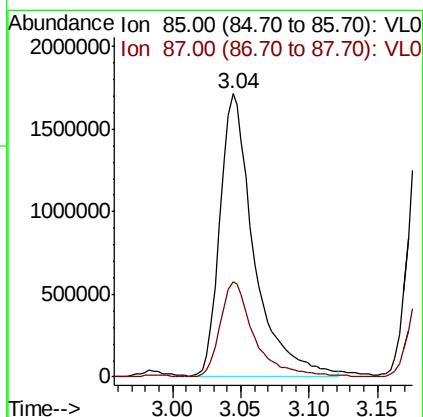
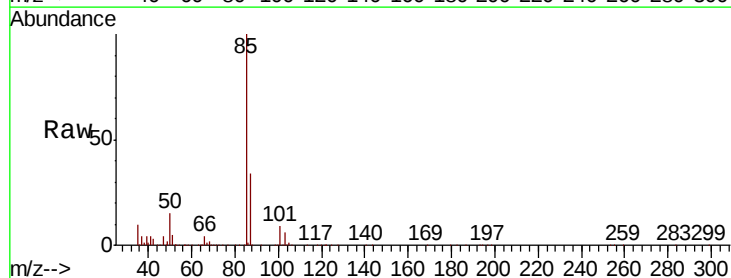
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 5:14

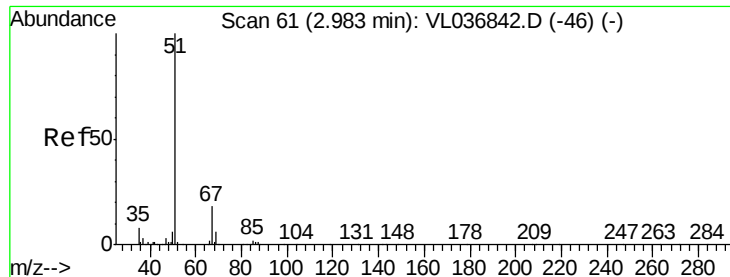
Tot Ion: 49 Resp: 1558583
 Ion Ratio Lower Upper
 49 100
 128 48.9 24.4 73.2
 130 58.9 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 11.641 ppbv
 RT: 3.04 min Scan# 80
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 85 Resp: 2950158
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.2 39.2





#3

Chlorodifluoromethane

Concen: 13.134 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

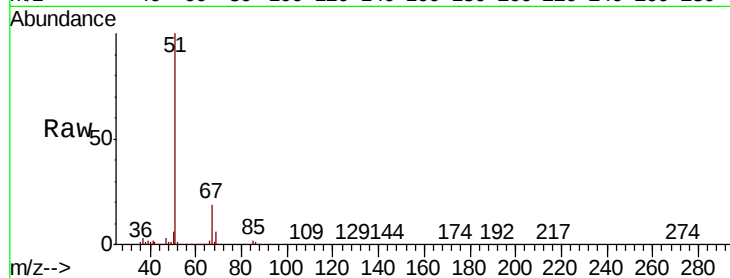
Acq: 27 Apr 2021 5:14

Tot Ion: 51 Resp: 3820287

Ion Ratio Lower Upper

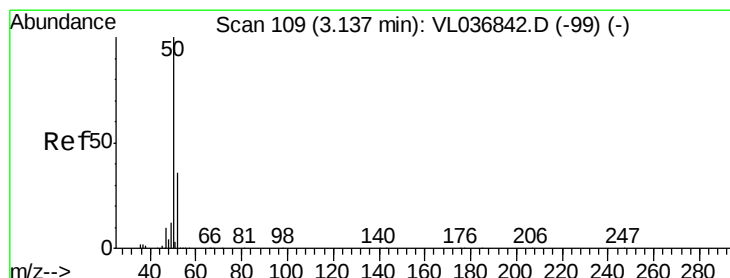
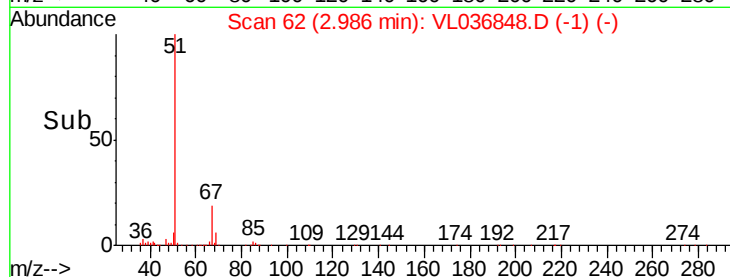
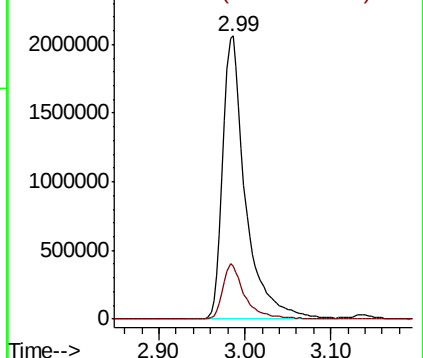
51 100

67 18.9 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: 13.024 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL036848.D

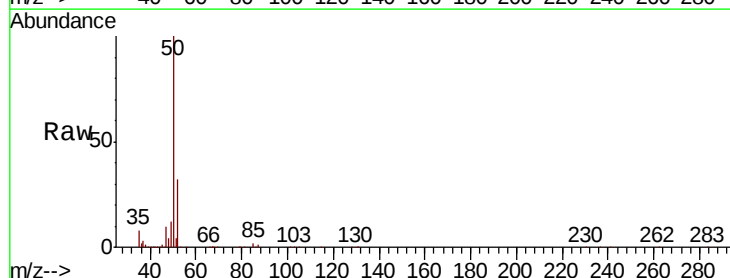
Acq: 27 Apr 2021 5:14

Tgt Ion: 50 Resp: 1322539

Ion Ratio Lower Upper

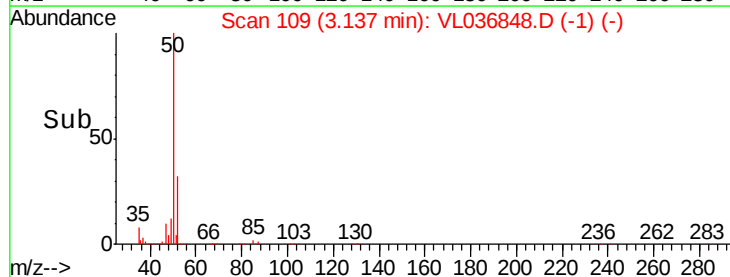
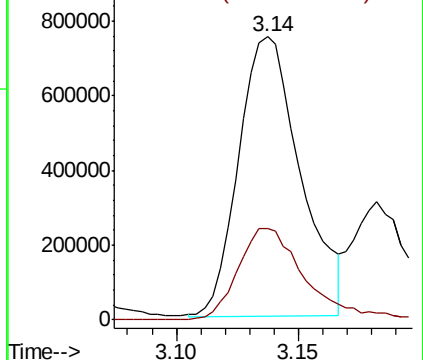
50 100

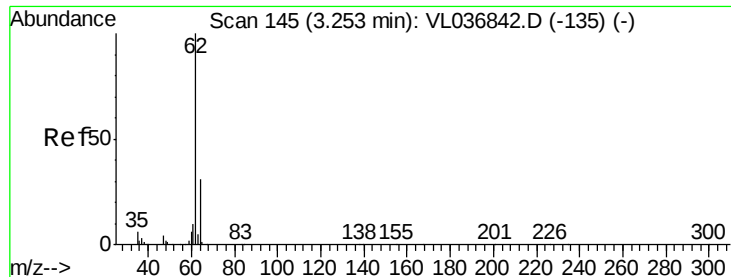
52 32.5 28.5 42.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 12.405 ppbv

RT: 3.25 Instrument:

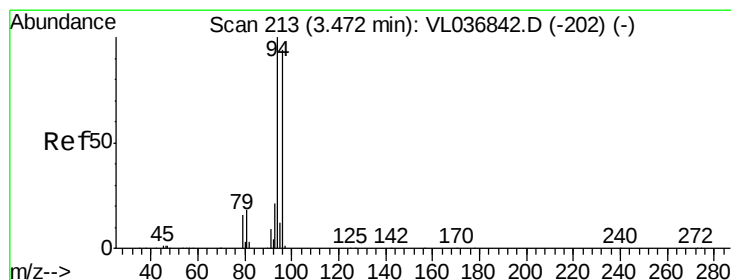
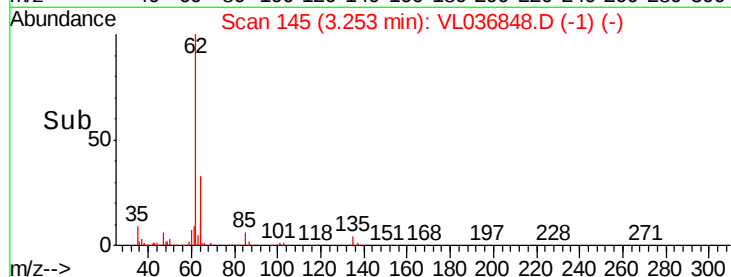
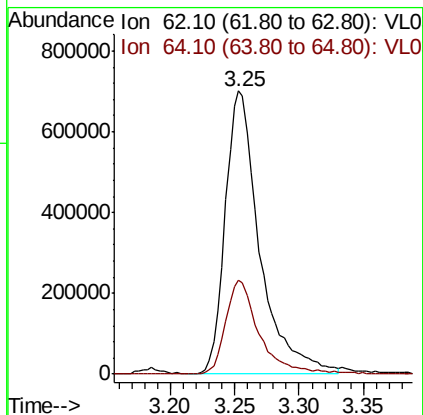
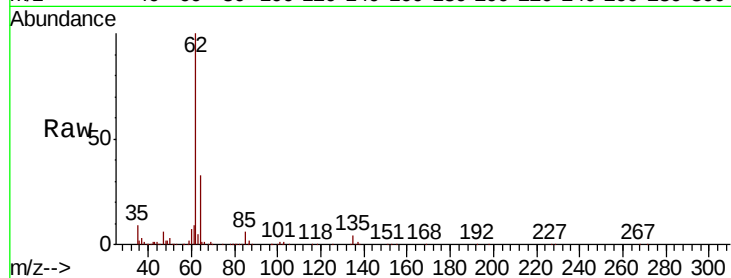
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

Tot Ion: 62 Resp: 1292110

Ion	Ratio	Lower	Upper
62	100		
64	33.4	25.0	37.4



#6

Bromomethane

Concen: 13.143 ppbv

RT: 3.47 min Scan# 212

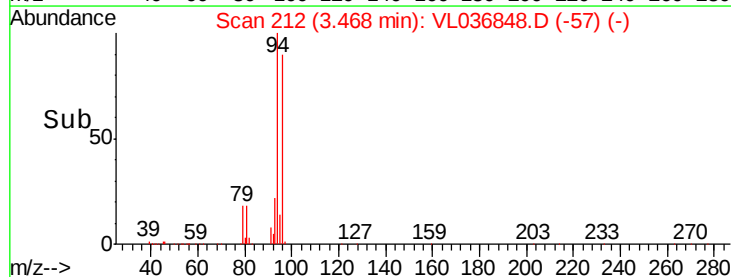
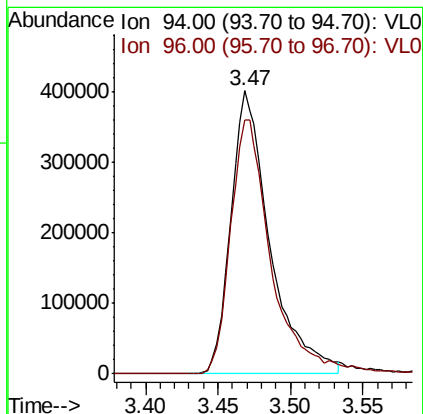
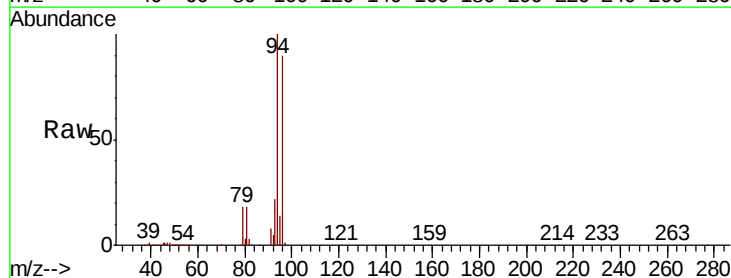
Delta R.T. -0.00 min

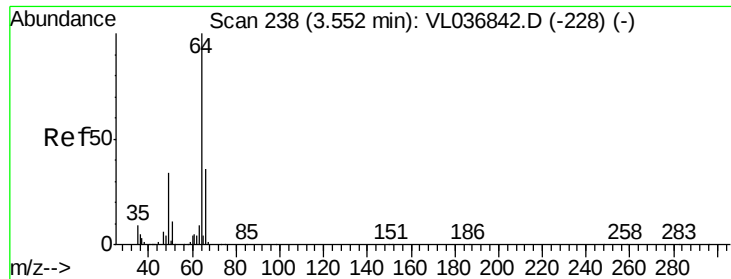
Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

Tgt Ion: 94 Resp: 749233

Ion	Ratio	Lower	Upper
94	100		
96	89.9	75.4	113.0





#7

Chloroethane

Concen: 12.278 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

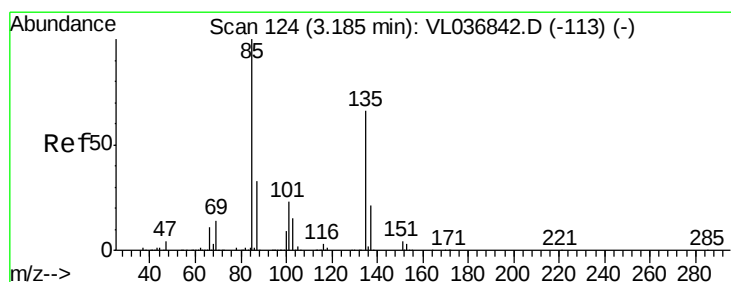
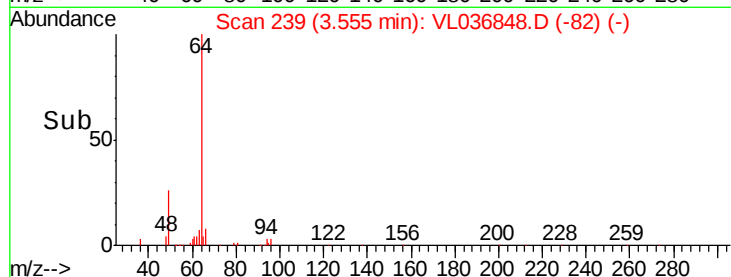
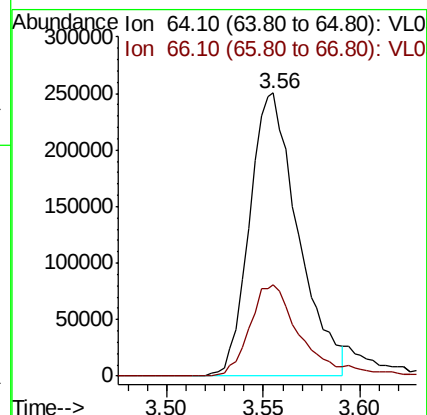
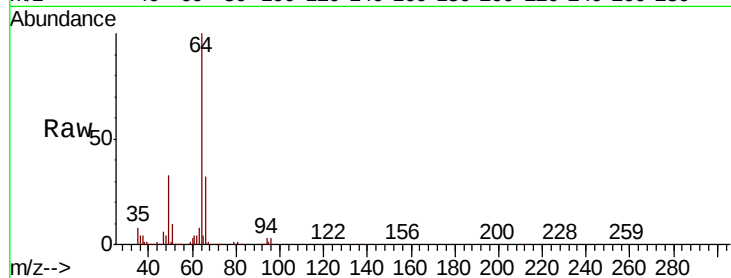
Acq: 27 Apr 2021 5:14

Tot Ion: 64 Resp: 437935

Ion Ratio Lower Upper

64 100

66 32.2 29.0 43.6



#8

Dichlorotetrafluoroethane

Concen: 12.443 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL036848.D

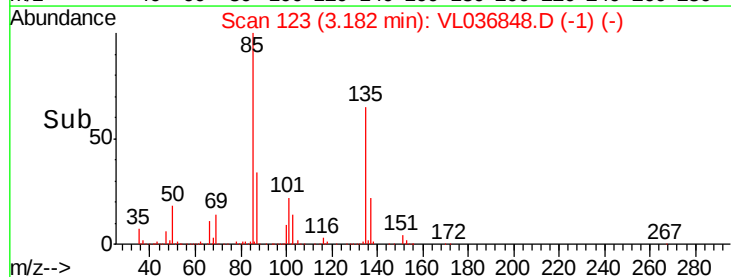
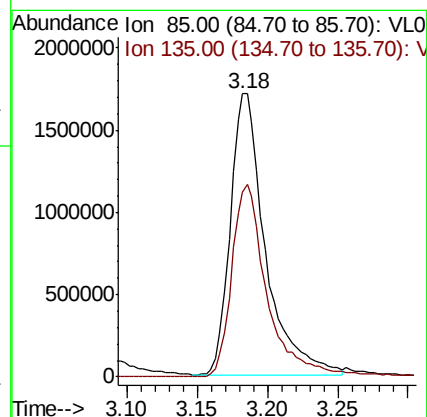
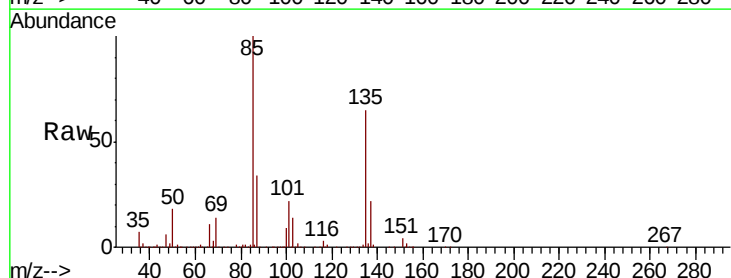
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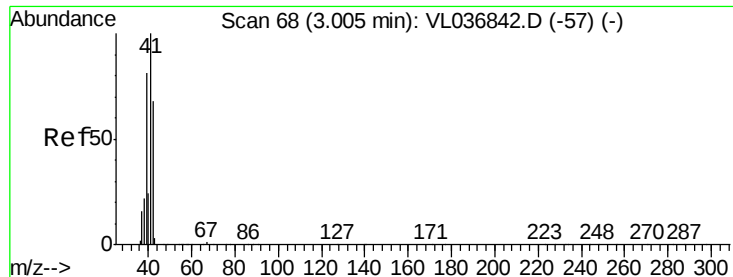
Tgt Ion: 85 Resp: 2978498

Ion Ratio Lower Upper

85 100

135 70.2 56.2 84.4





#9

Propene

Concen: 13.840 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

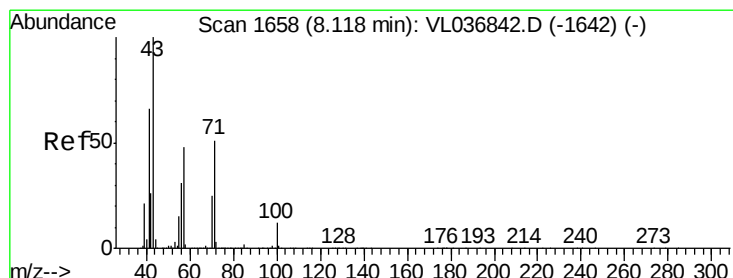
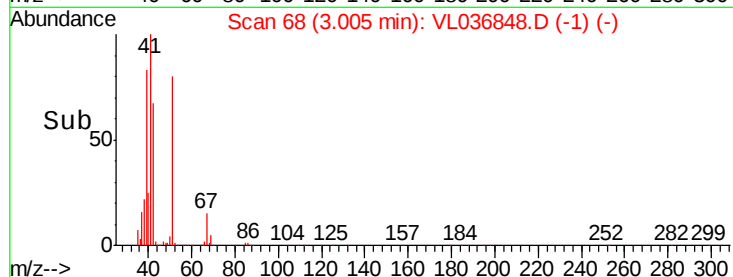
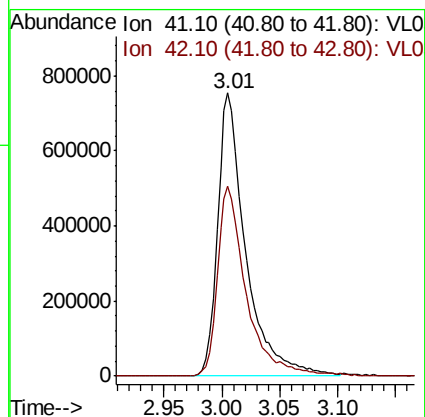
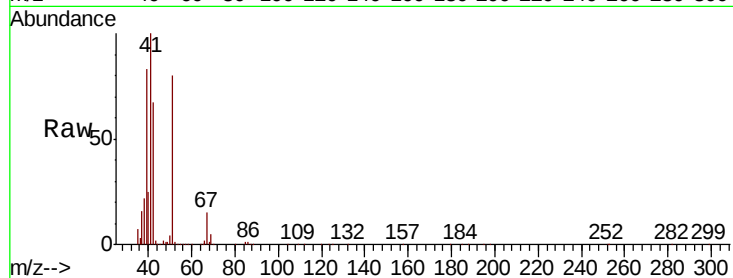
Acq: 27 Apr 2021 5:14

Tot Ion: 41 Resp: 1275257

Ion Ratio Lower Upper

41 100

42 69.1 56.0 84.0



#10

Heptane

Concen: 13.839 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VL036848.D

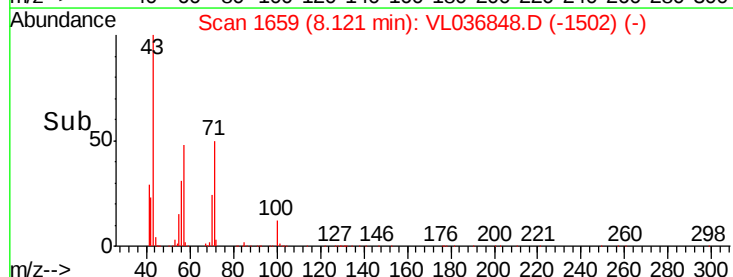
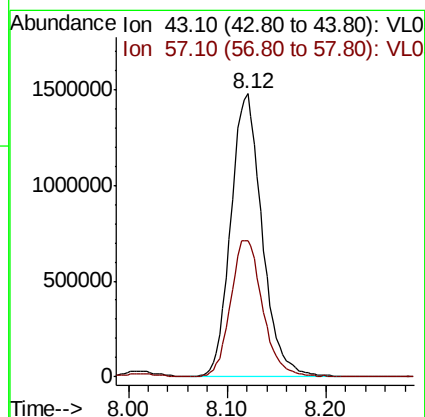
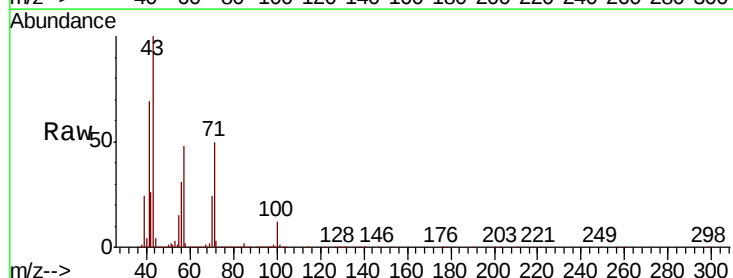
Acq: 27 Apr 2021 5:14

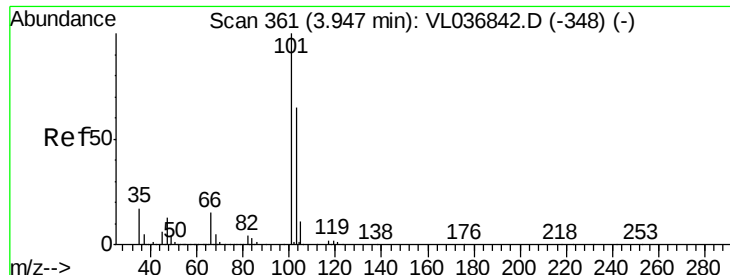
Tgt Ion: 43 Resp: 3249423

Ion Ratio Lower Upper

43 100

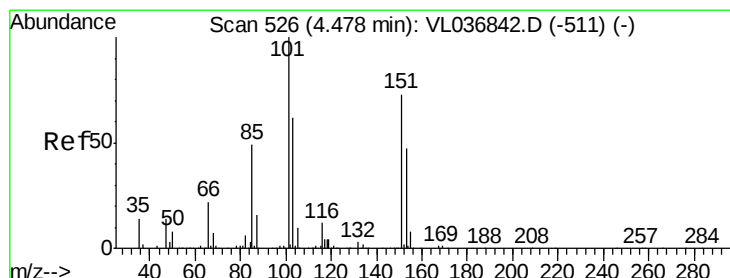
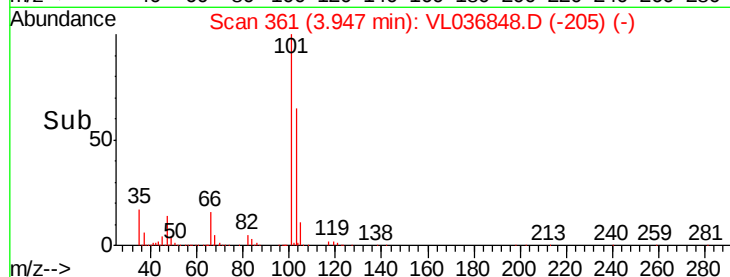
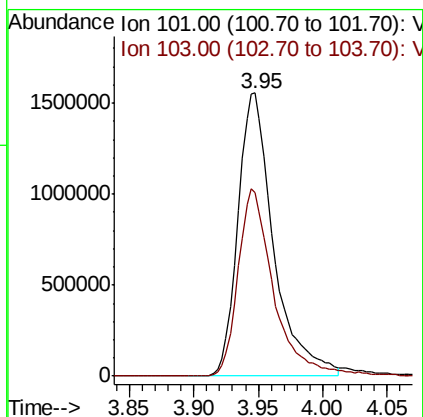
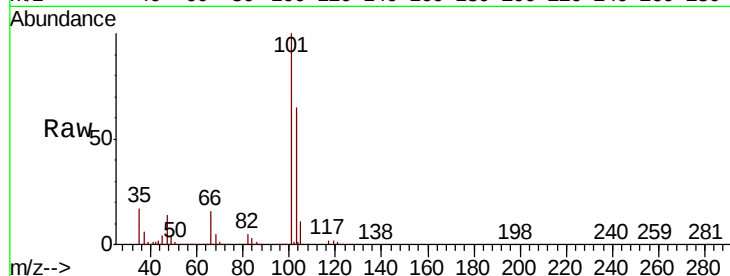
57 50.0 39.0 58.6





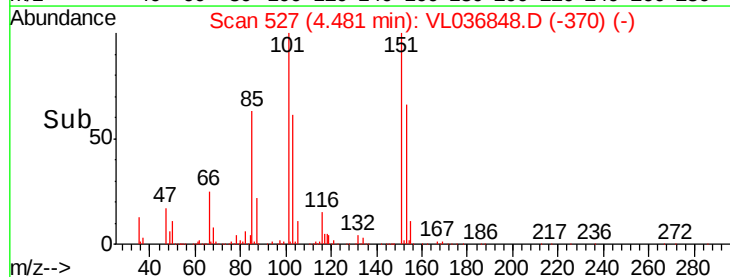
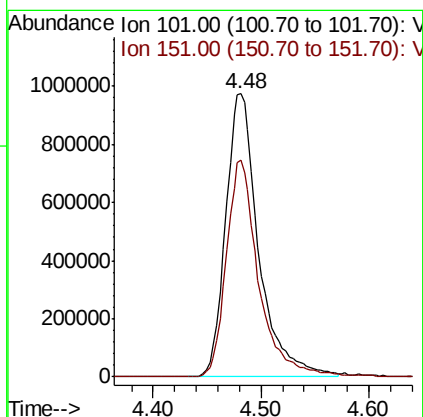
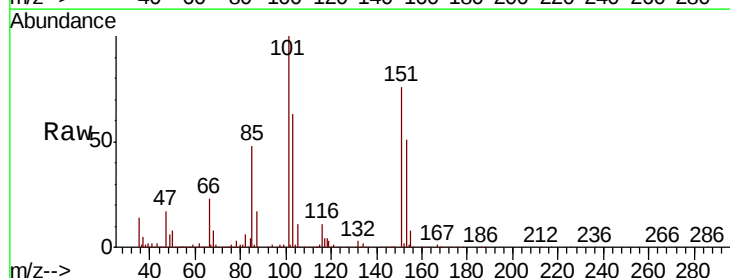
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 Trichlorofluoromethane
 Concen: 11.851 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 5:14

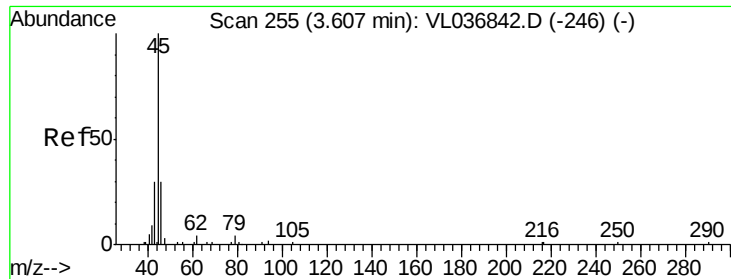
Tot Ion:101 Resp: 2999182
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.781 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion:101 Resp: 2075405
 Ion Ratio Lower Upper
 101 100
 151 75.6 61.1 91.7





#13

Ethanol

Concen: 10.857 ppbv

RT: 3.61 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

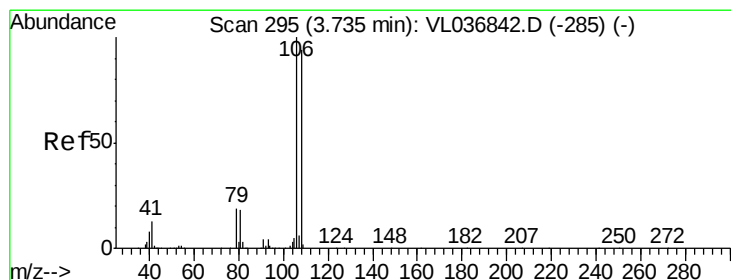
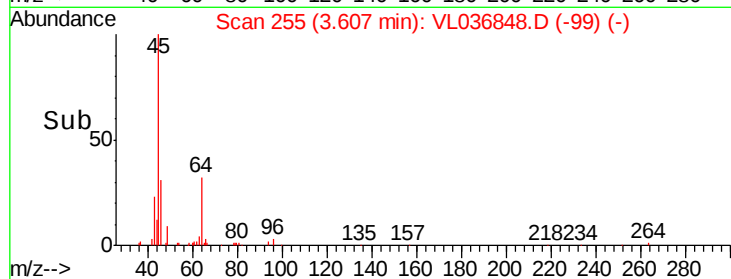
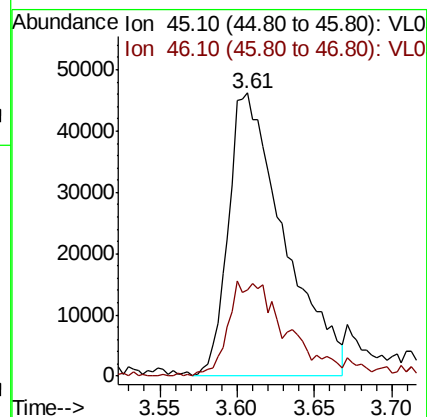
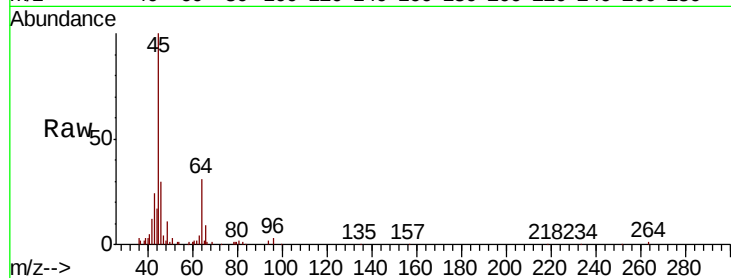
Acq: 27 Apr 2021 5:14

Tot Ion: 45 Resp: 115789

Ion Ratio Lower Upper

45 100

46 38.0 16.4 65.8



#14

Bromoethene

Concen: 13.241 ppbv

RT: 3.74 min Scan# 295

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

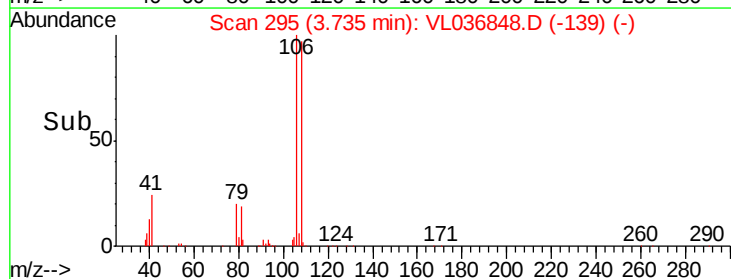
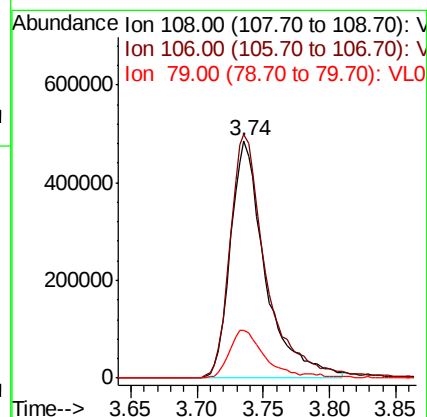
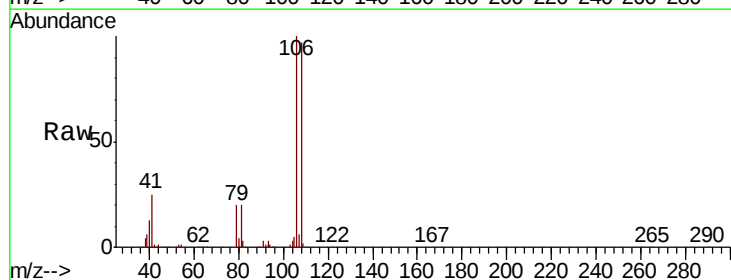
Tgt Ion: 108 Resp: 888928

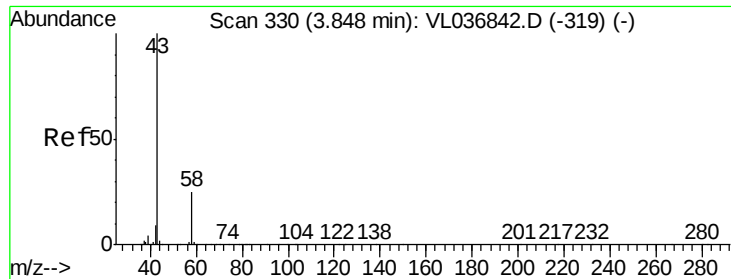
Ion Ratio Lower Upper

108 100

106 107.5 88.5 132.7

79 21.5 17.9 26.9





#15

Acetone

Concen: 11.834 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

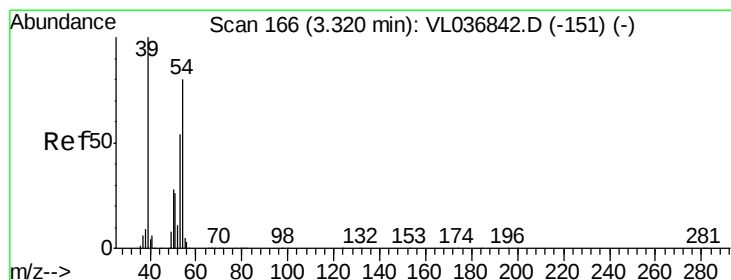
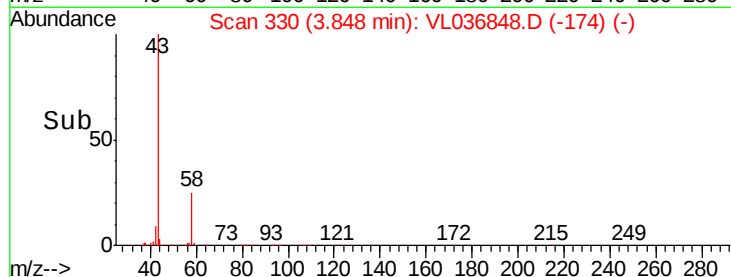
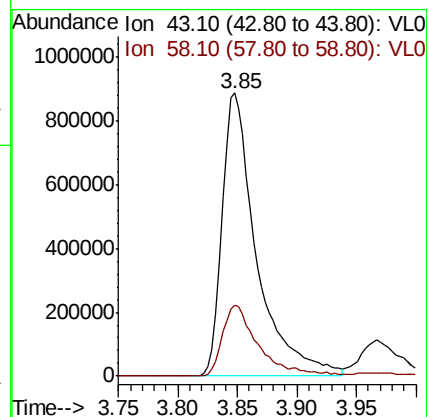
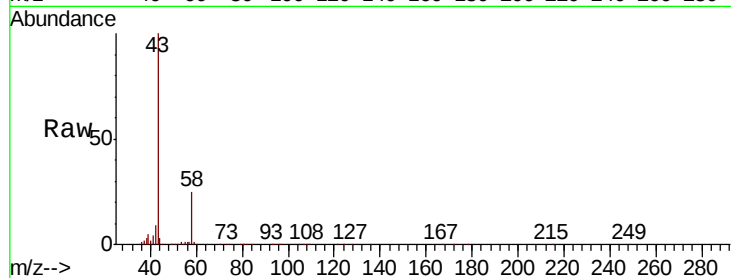
Acq: 27 Apr 2021 5:14

Tot Ion: 43 Resp: 1778699

Ion Ratio Lower Upper

43 100

58 26.1 21.7 32.5



#16

1,3-Butadiene

Concen: 12.871 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL036848.D

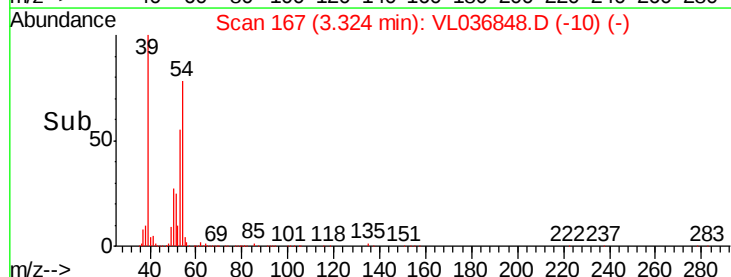
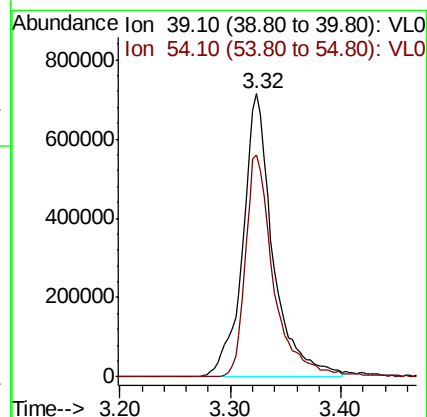
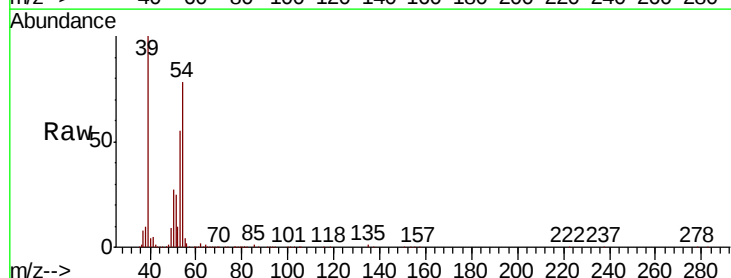
Acq: 27 Apr 2021 5:14

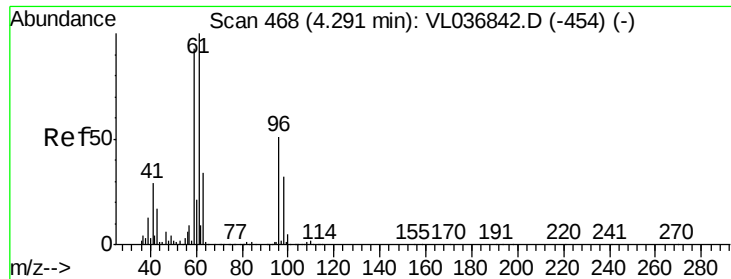
Tgt Ion: 39 Resp: 1344648

Ion Ratio Lower Upper

39 100

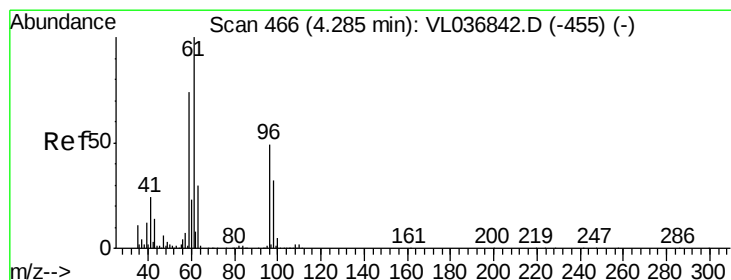
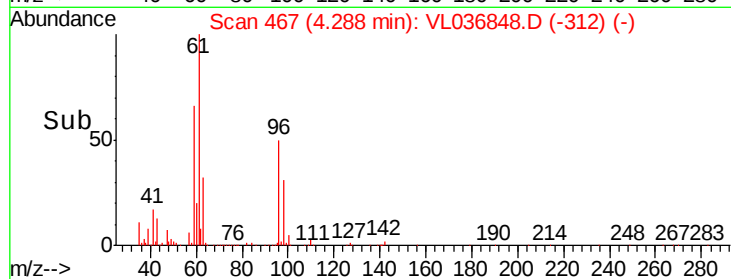
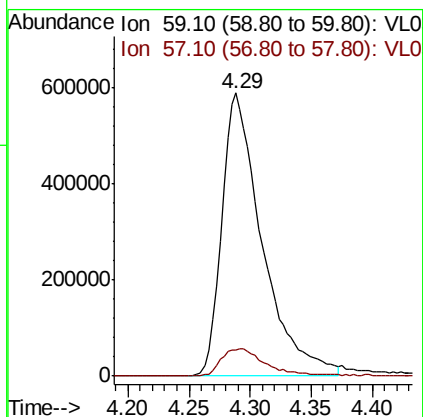
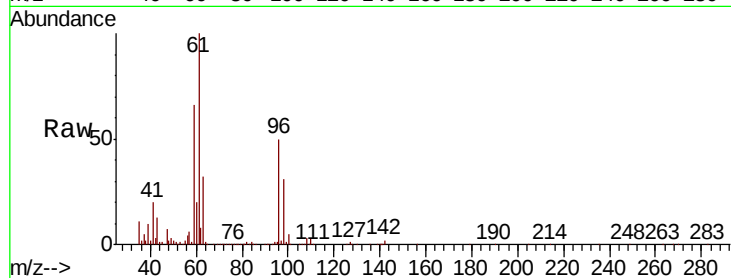
54 74.3 59.6 89.4





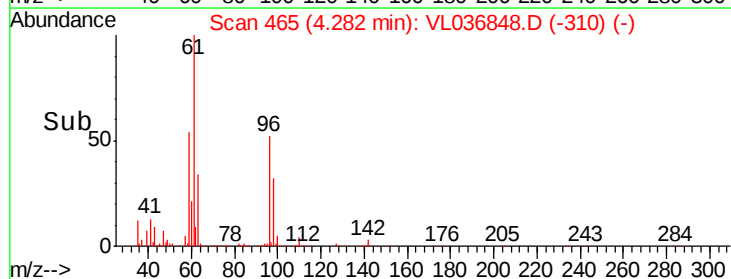
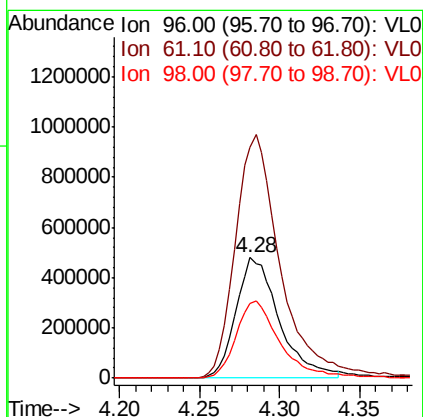
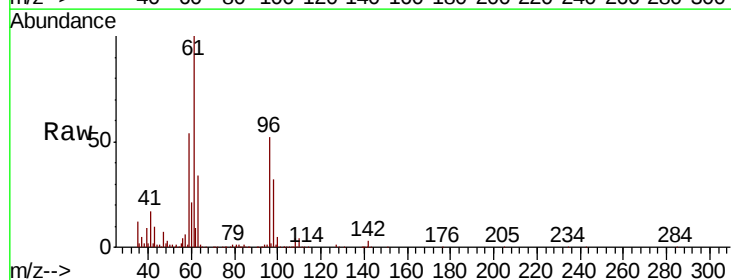
#17
 tert-Butyl alcohol
 Concen: 10.323 ppbv
 RT: 4.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 5:14

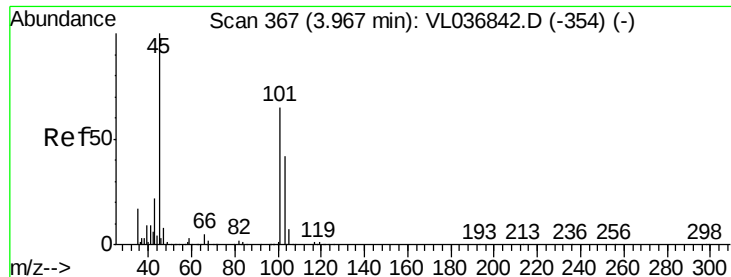
Tot Ion: 59 Resp: 1358370
 Ion Ratio Lower Upper
 59 100
 57 11.6 8.3 12.5



#18
 1,1-Dichloroethene
 Concen: 12.375 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T.: -0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 96 Resp: 886204
 Ion Ratio Lower Upper
 96 100
 61 192.0 162.2 243.2
 98 62.3 51.8 77.6





#19

Isopropyl Alcohol

Concen: 9.951 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

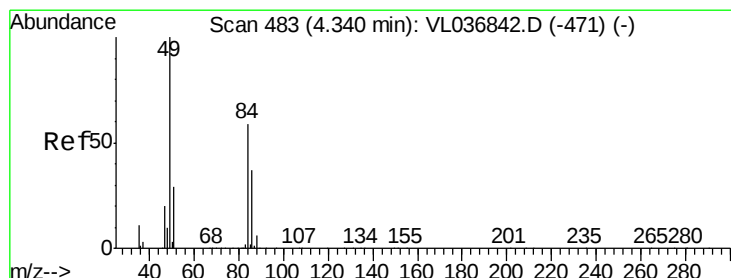
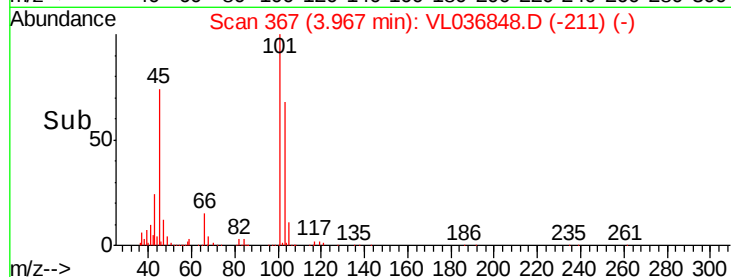
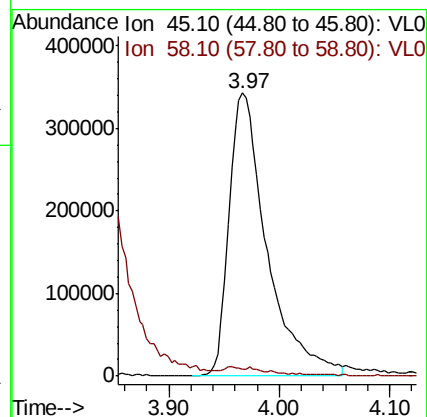
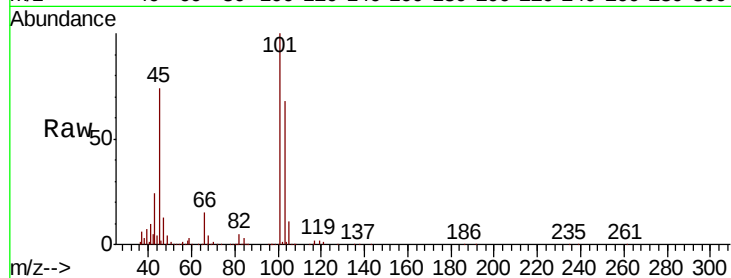
Acq: 27 Apr 2021 5:14

Tot Ion: 45 Resp: 815302

Ion Ratio Lower Upper

45 100

58 4.5 2.6 4.0#



#20

Methylene Chloride

Concen: 11.083 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

Tgt Ion: 84 Resp: 774309

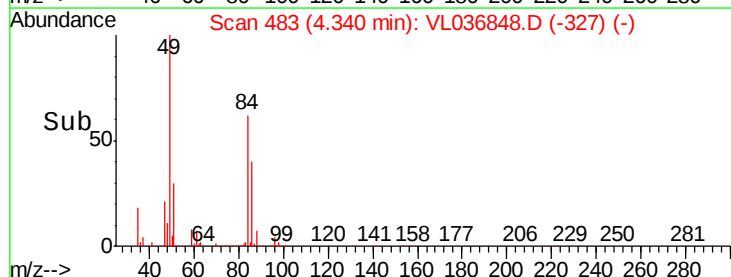
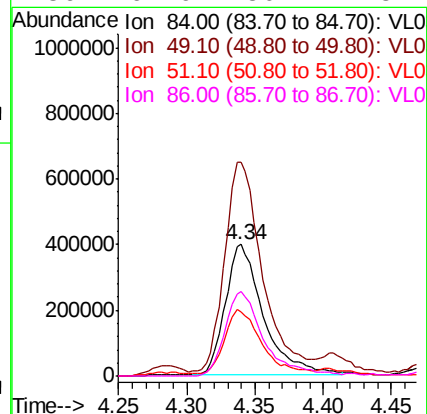
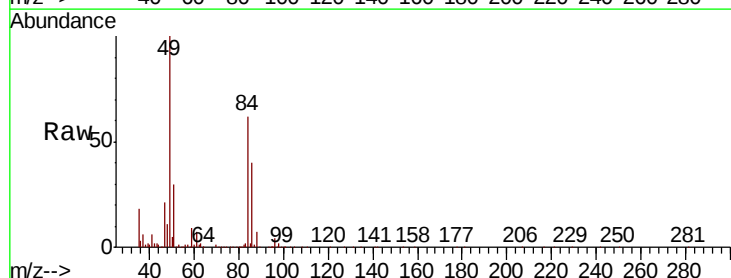
Ion Ratio Lower Upper

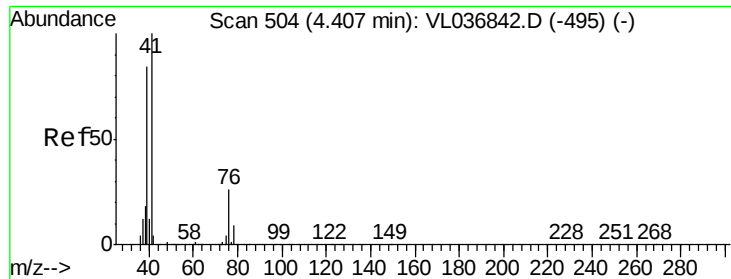
84 100

49 159.6 135.4 203.0

51 46.9 39.3 58.9

86 64.9 50.2 75.2





#21

Allvl Chloride

Concen: 13.286 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 5:14

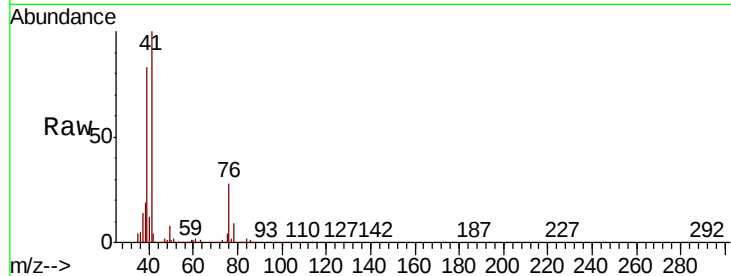
Tot Ion: 41 Resp: 1578430

Ion Ratio Lower Upper

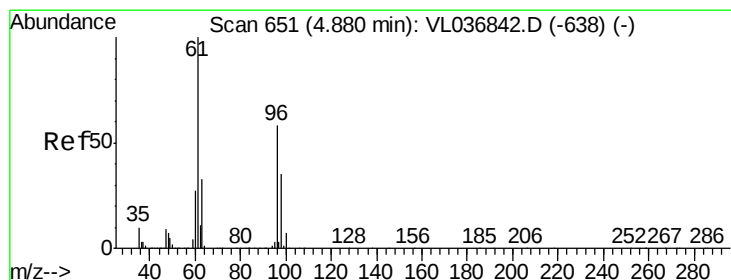
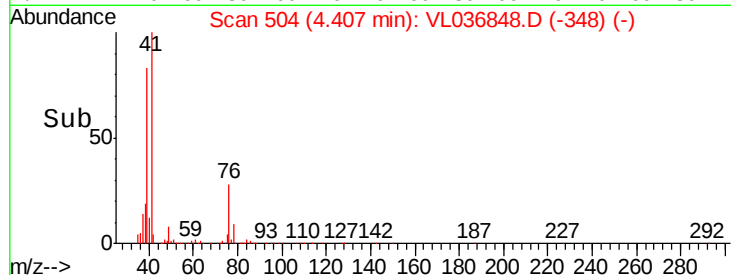
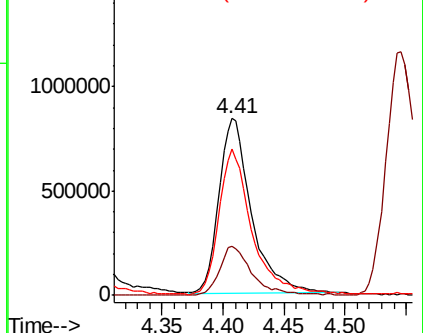
41 100

76 28.2 22.4 33.6

39 83.7 68.4 102.6



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



#22

trans-1,2-Dichloroethene

Concen: 13.630 ppbv

RT: 4.88 min Scan# 651

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

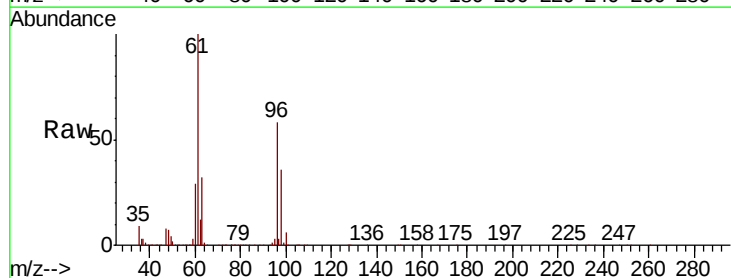
Tgt Ion: 96 Resp: 919159

Ion Ratio Lower Upper

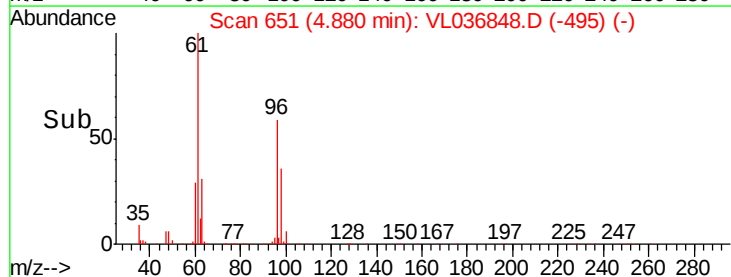
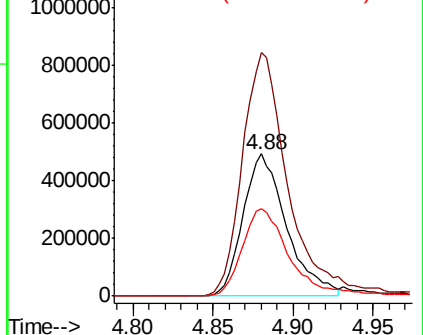
96 100

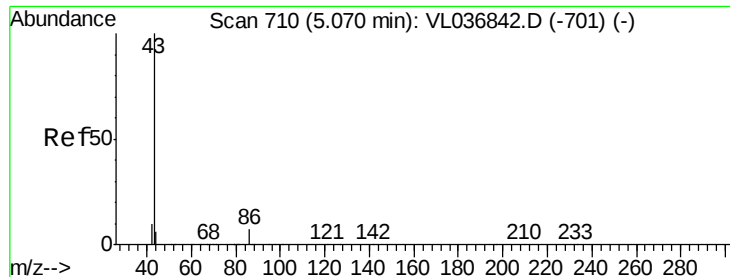
61 171.3 138.6 207.8

98 61.4 48.1 72.1



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





#23

Vinyl Acetate

Concen: 11.359 ppbv

RT: 5.07 Instrument:

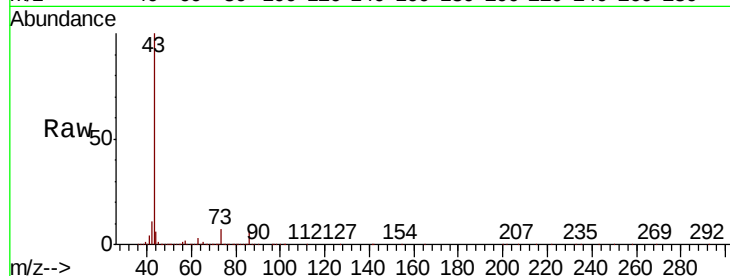
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

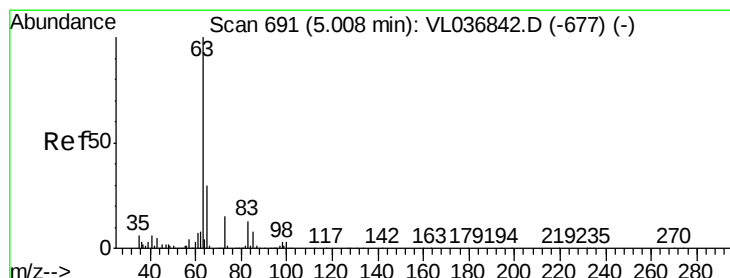
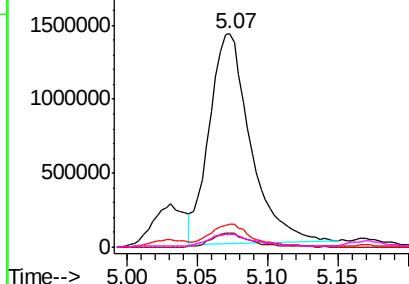
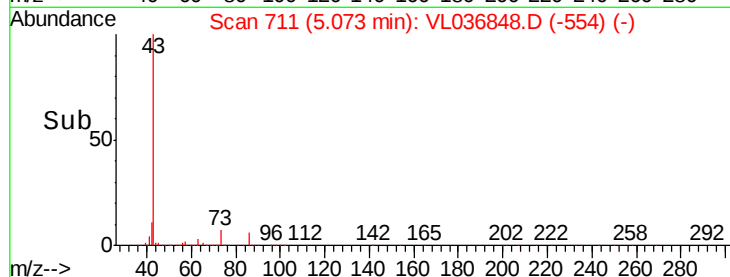
Acq: 27 Apr 2021 5:14

Tot Ion: 43 Resp: 2874676

Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.3	7.9
42	10.8	8.7	13.1
44	5.3	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: 11.045 ppbv

RT: 5.01 min Scan# 691

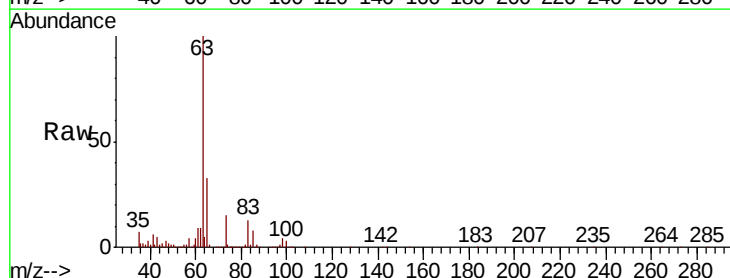
Delta R.T. 0.00 min

Lab File: VL036848.D

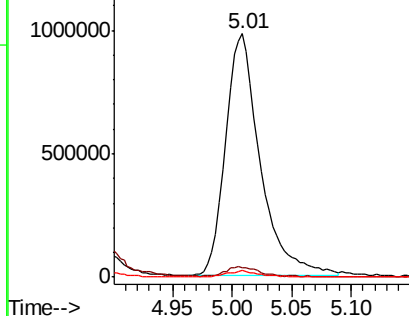
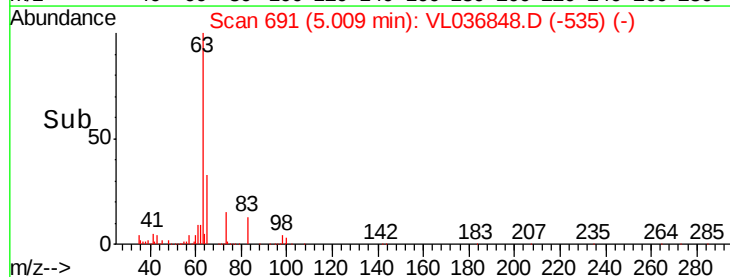
Acq: 27 Apr 2021 5:14

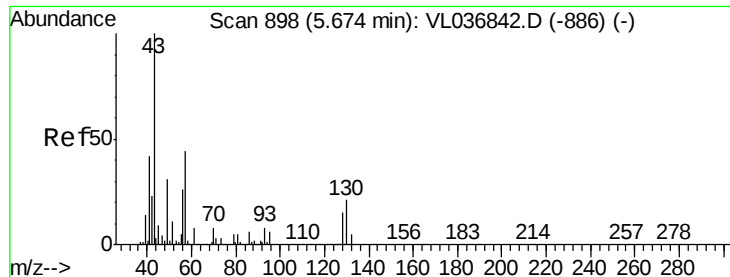
Tgt Ion: 63 Resp: 1990953

Ion	Ratio	Lower	Upper
63	100		
98	3.5	1.7	5.1
100	2.6	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

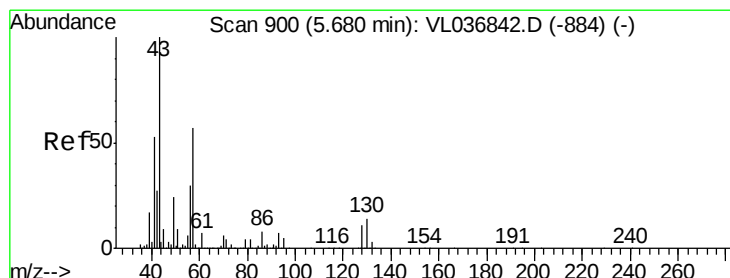
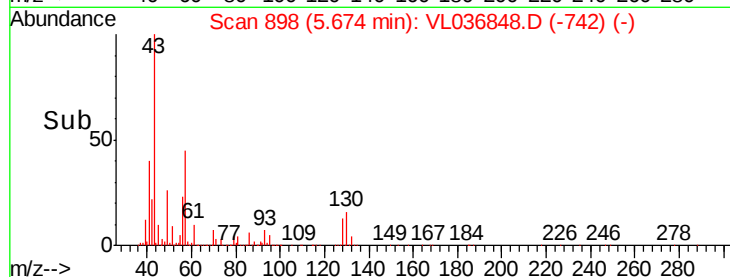
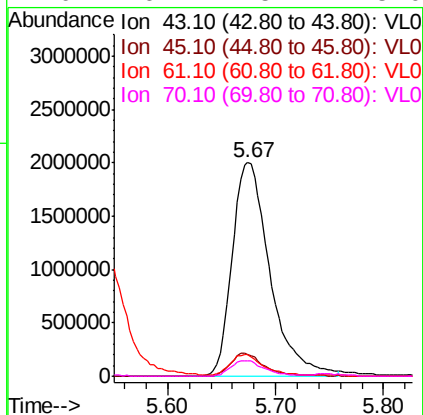
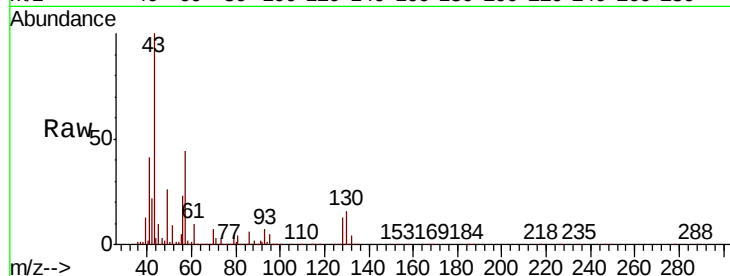




#25
Ethyl Acetate
Concen: 13.345 ppbv
RT: 5.67 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 5:14

Tot Ion: 43 Resp: 4847229

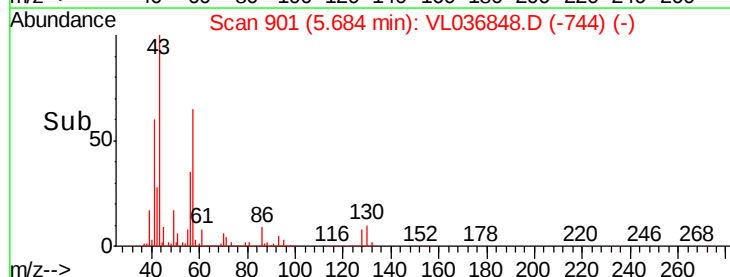
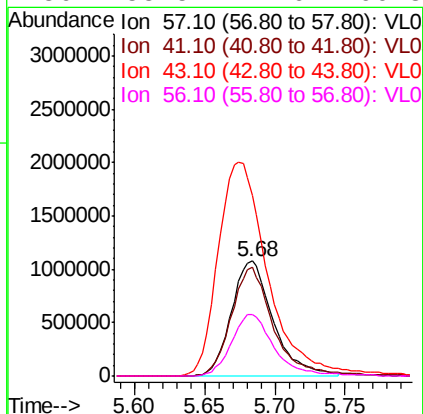
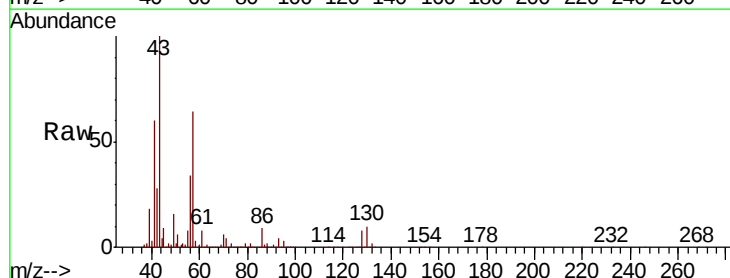
Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.8	11.6
61	9.7	7.6	11.4
70	6.7	5.4	8.0

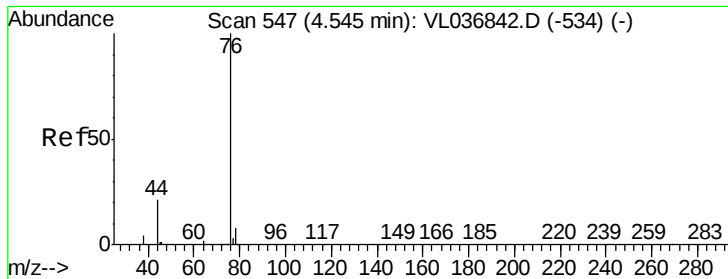


#26
Hexane
Concen: 13.313 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 57 Resp: 2225228

Ion	Ratio	Lower	Upper
57	100		
41	96.3	77.7	116.5
43	220.6	180.5	270.7
56	55.5	44.6	66.8





#27

Carbon Disulfide

Concen: 14.402 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 5:14

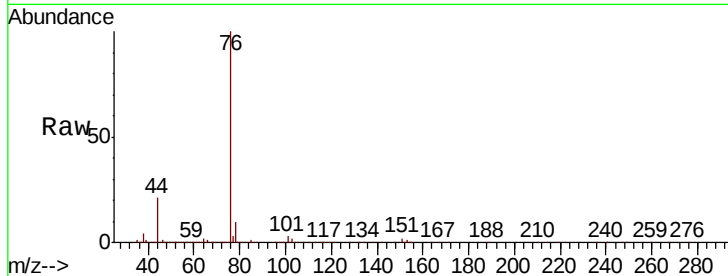
Tot Ion: 76 Resp: 2362089

Ion	Ratio	Lower	Upper
76	100		
44	21.1	16.9	25.3
78	10.0	7.9	11.9

76 100

44 21.1 16.9 25.3

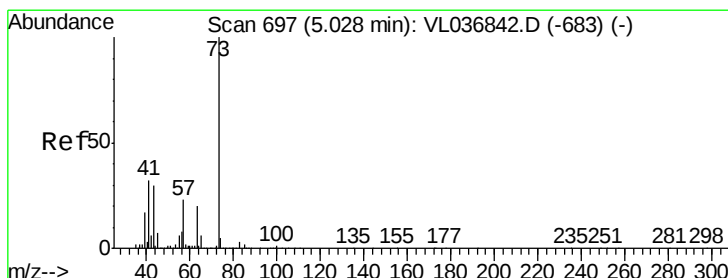
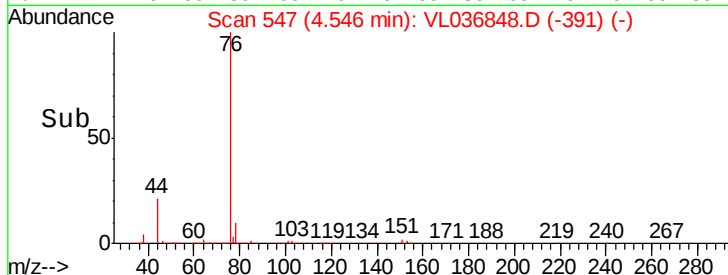
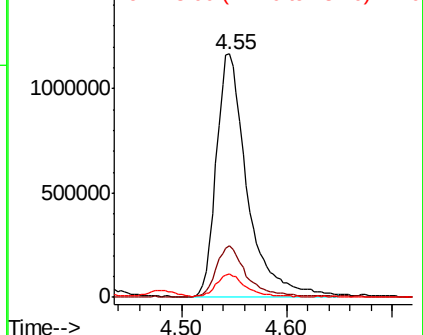
78 10.0 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 10.703 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.00 min

Lab File: VL036848.D

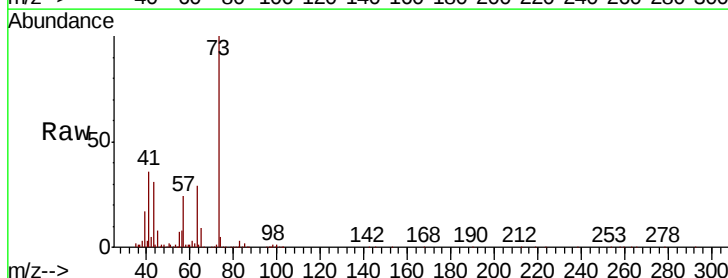
Acq: 27 Apr 2021 5:14

Tgt Ion: 73 Resp: 2022565

Ion	Ratio	Lower	Upper
73	100		
57	24.5	19.0	28.6

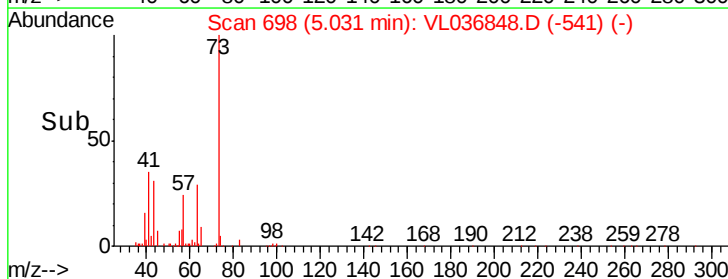
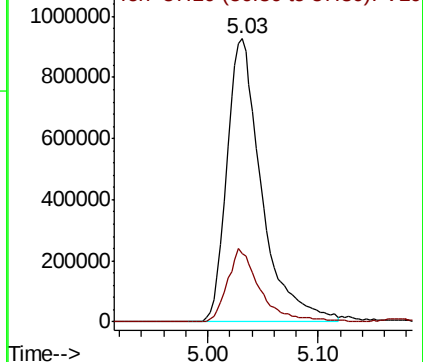
73 100

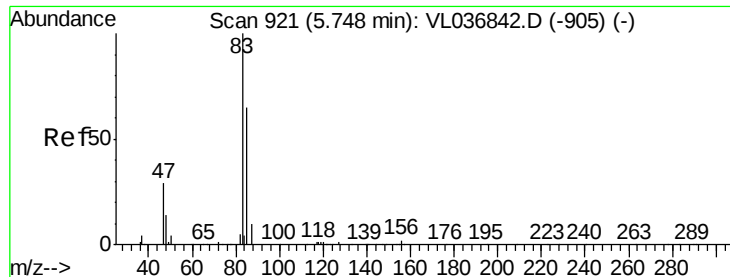
57 24.5 19.0 28.6



Abundance Ion 73.10 (72.80 to 73.80): VL0

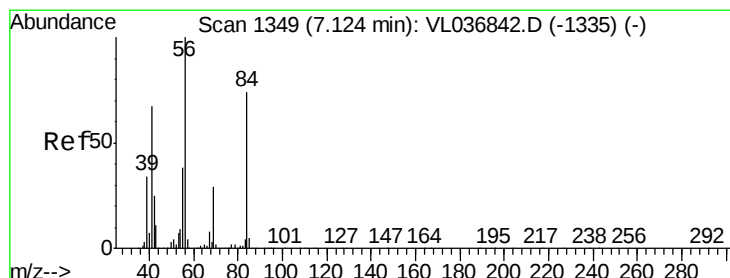
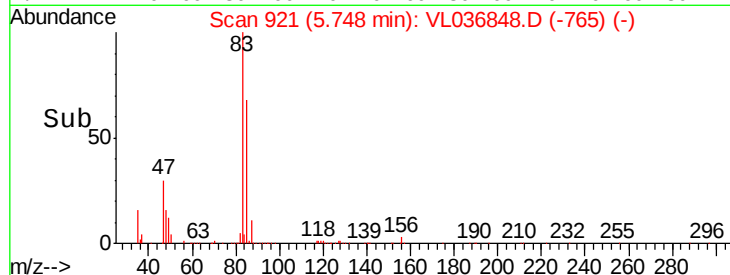
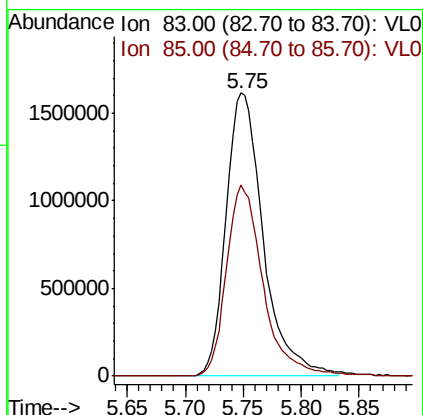
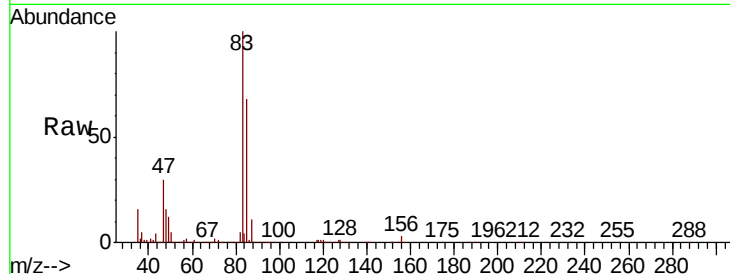
Ion 57.10 (56.80 to 57.80): VL0





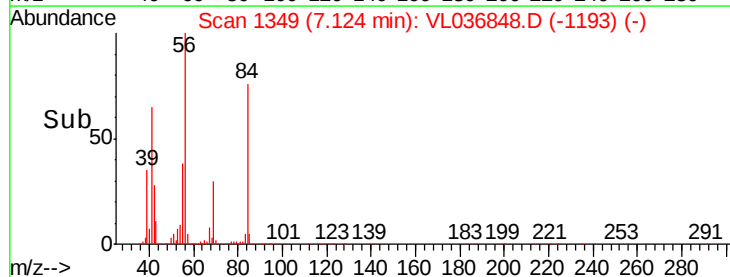
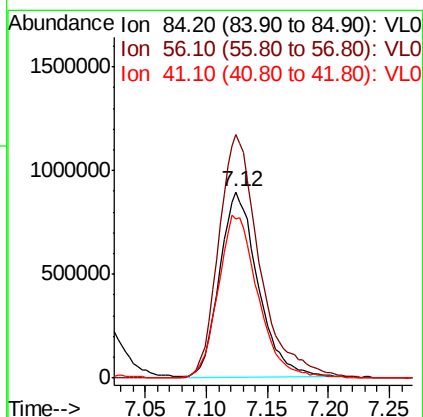
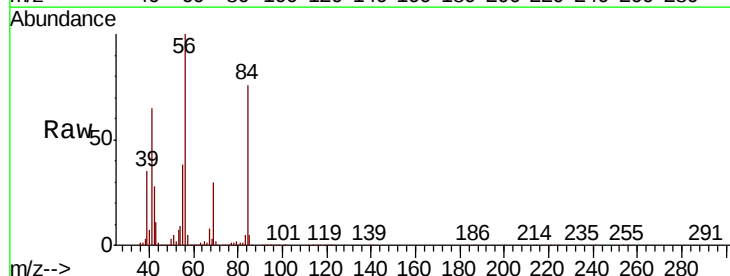
#29
Chloroform
Concen: 13.269 ppbv
RT: 5.75 Instrument :
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 5:14

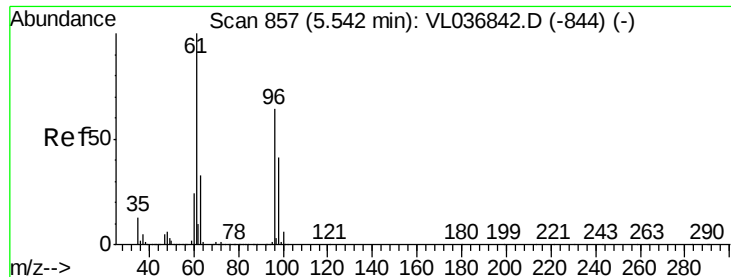
Tot Ion: 83 Resp: 3584819
Ion Ratio Lower Upper
83 100
85 67.6 52.2 78.4



#30
Cyclohexane
Concen: 14.444 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

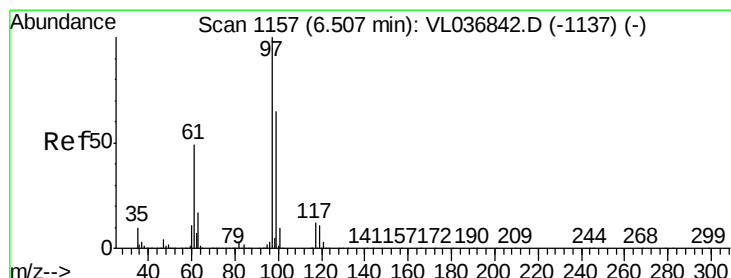
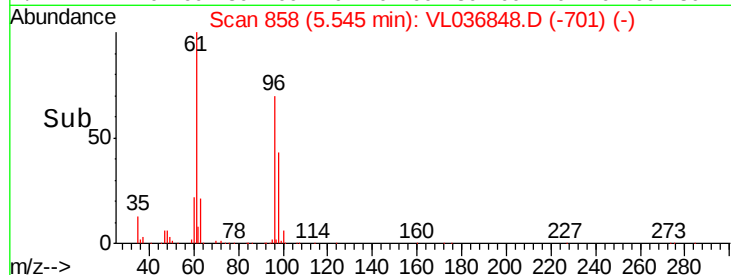
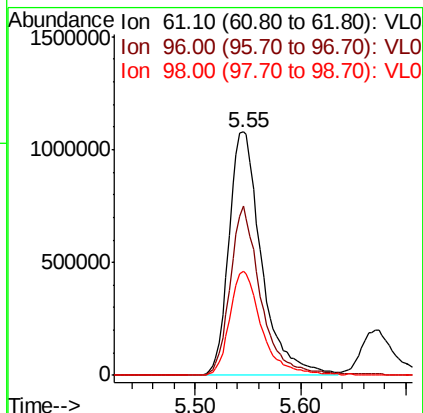
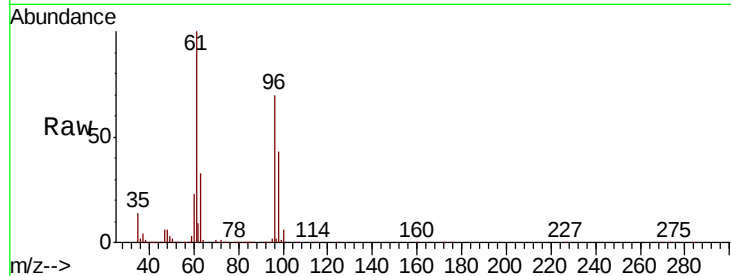
Tgt Ion: 84 Resp: 1967749
Ion Ratio Lower Upper
84 100
56 140.7 115.8 173.6
41 91.5 74.6 111.8





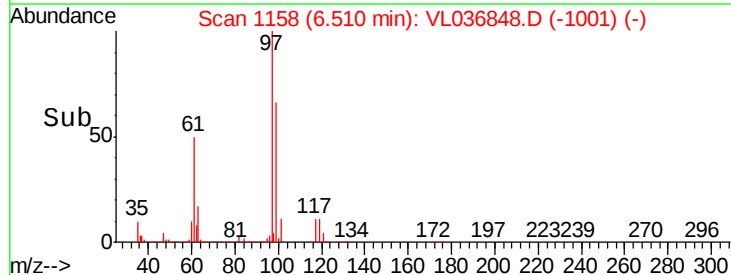
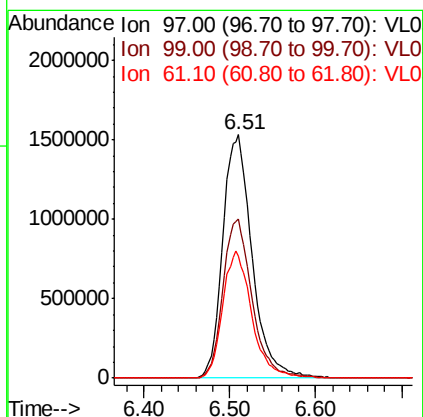
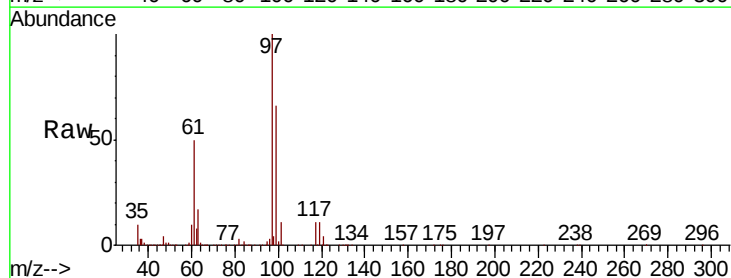
#31
 cis-1,2-Dichloroethene
 Concen: 14.287 ppbv
 RT: 5.55
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 5:14

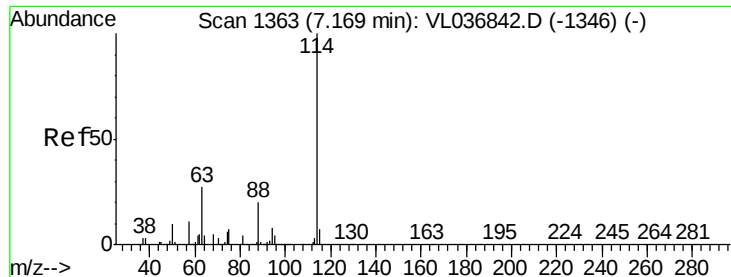
Tot Ion: 61 Resp: 2301886
 Ion Ratio Lower Upper
 61 100
 96 69.6 51.0 76.6
 98 42.6 32.7 49.1



#32
 1,1,1-Trichloroethane
 Concen: 13.379 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 97 Resp: 3638625
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.8 77.6
 61 51.8 40.8 61.2

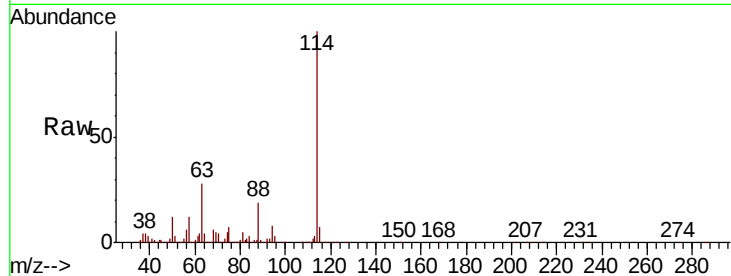




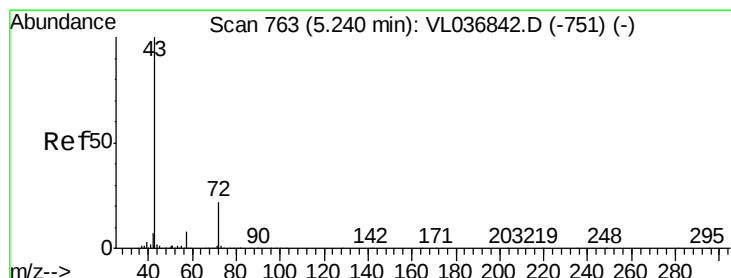
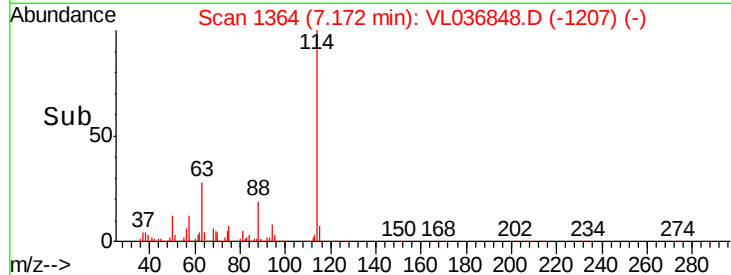
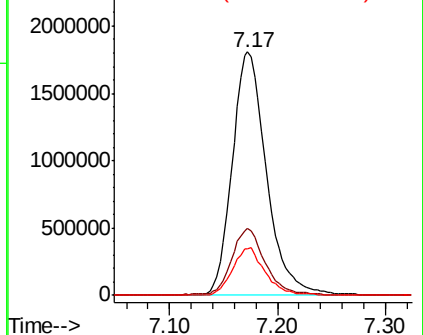
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 5:14

Tot Ion:114 Resp: 3998959

Ion	Ratio	Lower	Upper
114	100		
63	27.6	21.9	32.9
88	18.7	15.1	22.7



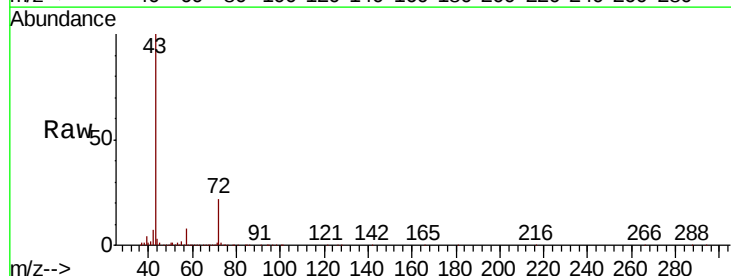
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



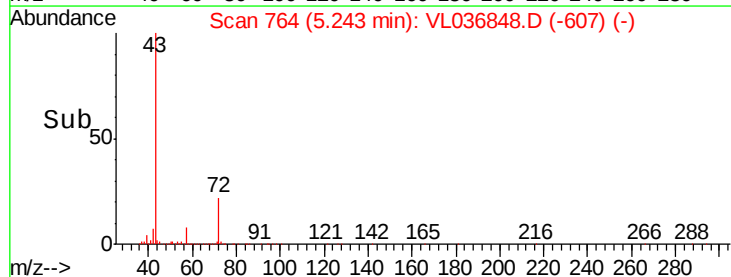
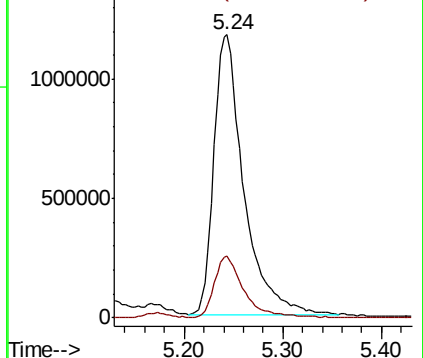
#34
 2-Butanone
 Concen: 13.037 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

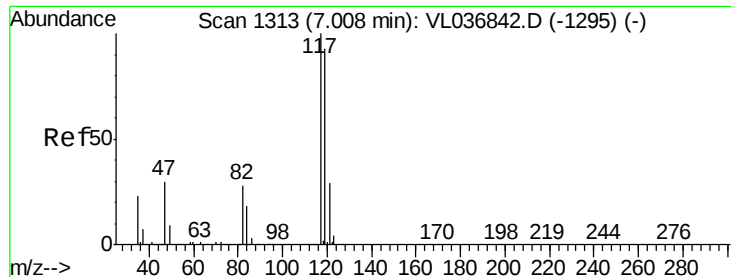
Tgt Ion: 43 Resp: 2495834

Ion	Ratio	Lower	Upper
43	100		
72	21.5	17.5	26.3



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





#35

Carbon Tetrachloride

Concen: 12.685 ppbv

RT: 7.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 5:14

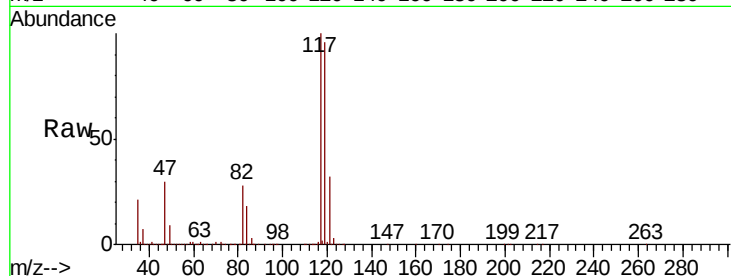
Tot Ion:117 Resp: 3876713

Ion Ratio Lower Upper

117 100

119 96.2 74.6 111.8

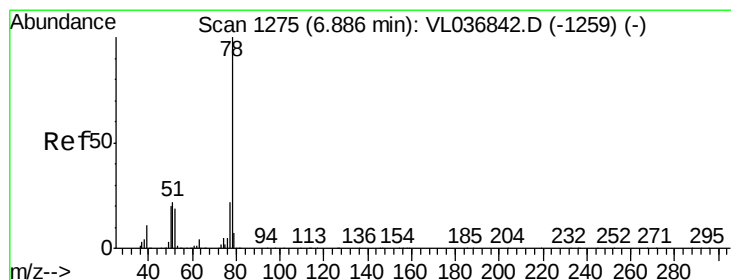
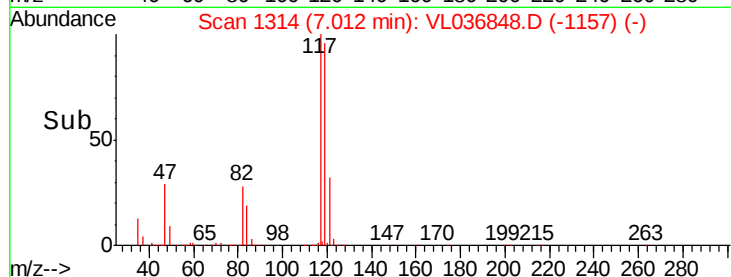
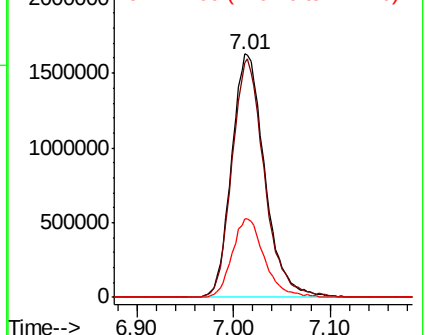
121 32.3 23.3 34.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 13.239 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

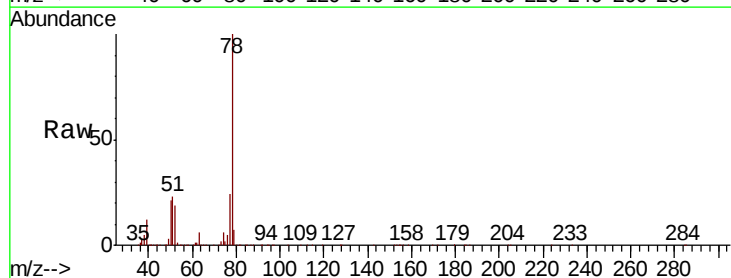
Tgt Ion: 78 Resp: 4829273

Ion Ratio Lower Upper

78 100

77 24.1 17.6 26.4

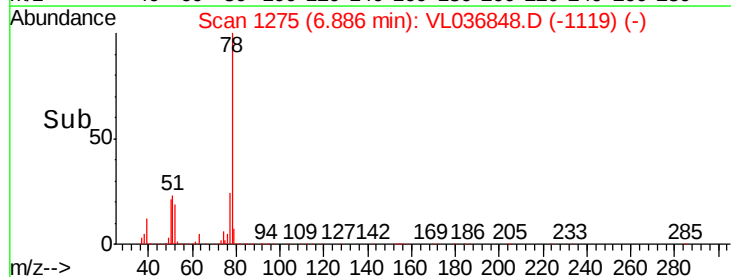
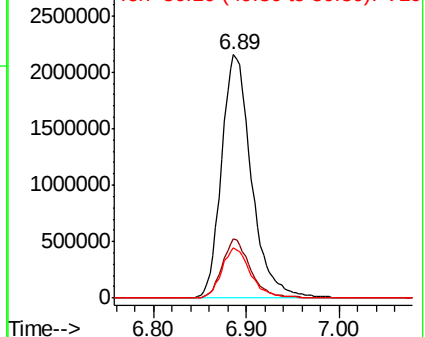
50 20.6 16.3 24.5

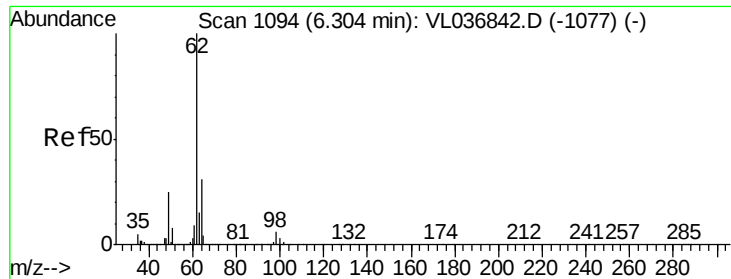


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 13.018 ppbv

RT: 6.30 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

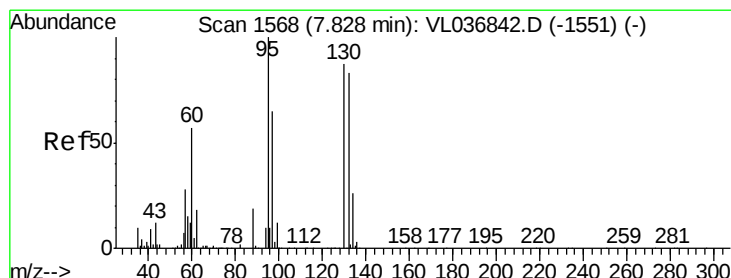
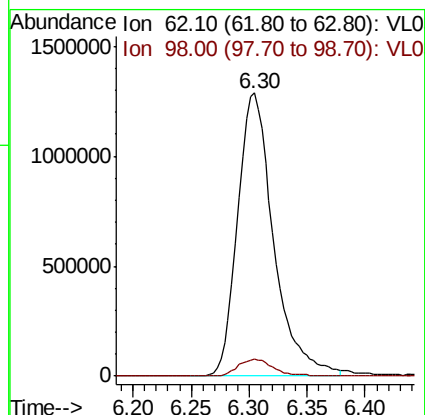
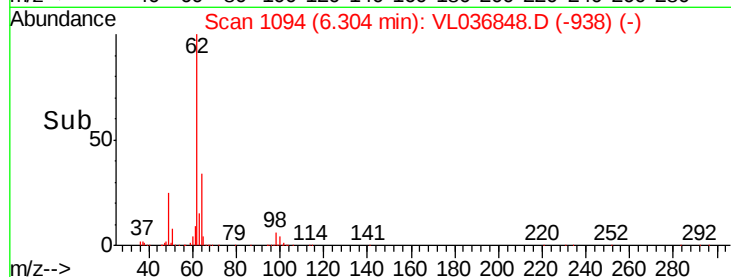
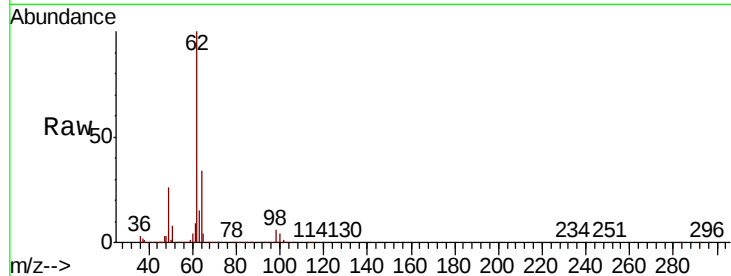
Acq: 27 Apr 2021 5:14

Tot Ion: 62 Resp: 2785572

Ion Ratio Lower Upper

62 100

98 6.1 4.8 7.2



#38

Trichloroethene

Concen: 12.126 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

Tgt Ion:130 Resp: 1734380

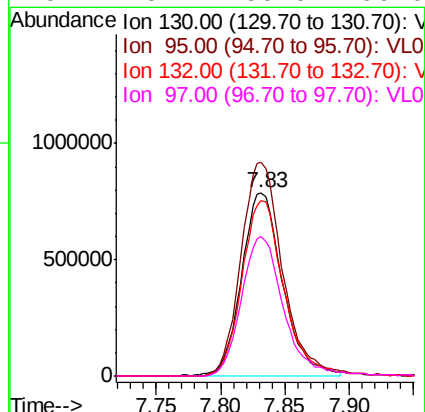
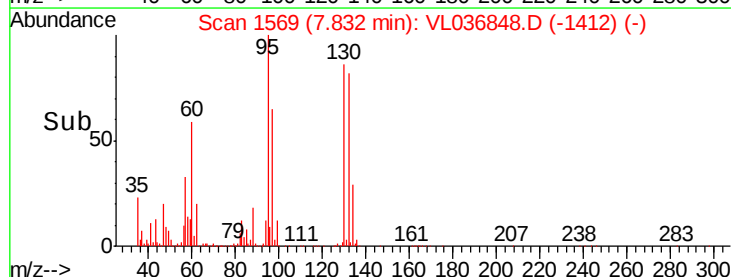
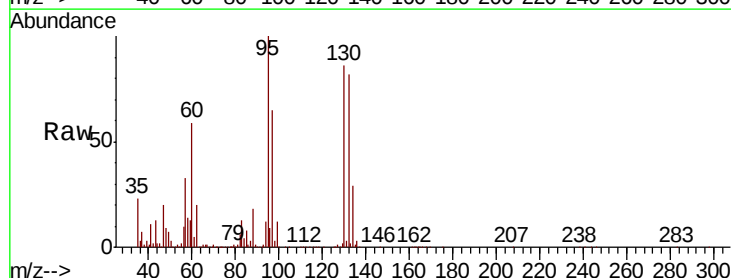
Ion Ratio Lower Upper

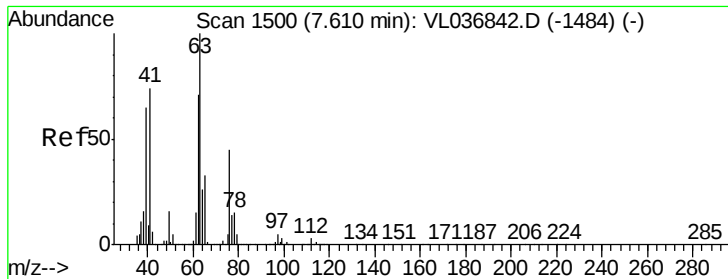
130 100

95 116.9 92.3 138.5

132 96.1 76.8 115.2

97 76.1 60.0 90.0

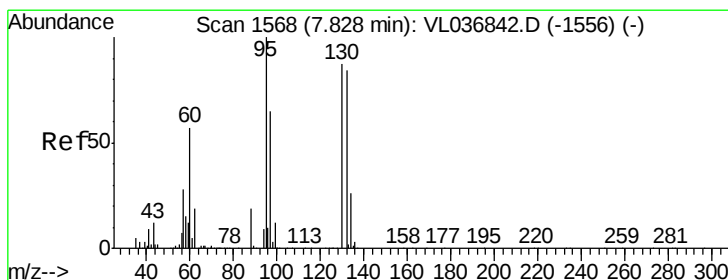
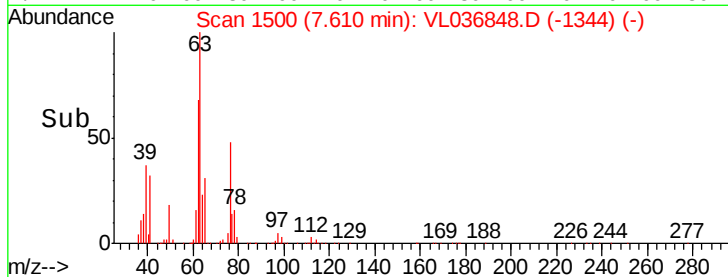
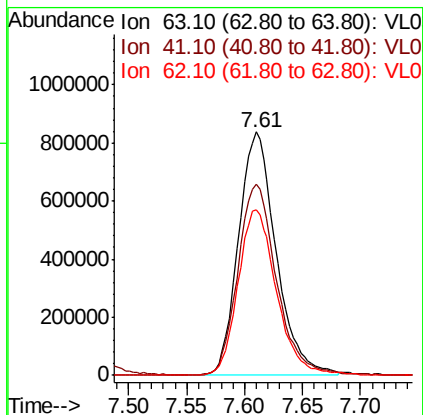
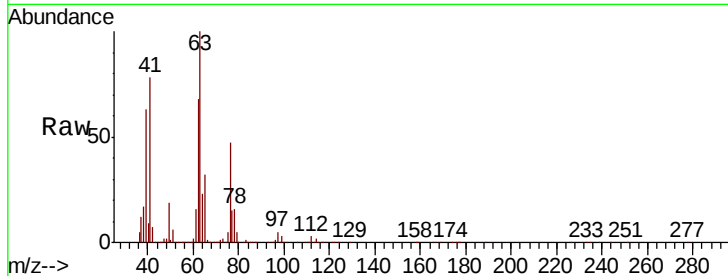




#39
 1,2-Dichloropropane
 Concen: 12.825 ppbv
 RT: 7.61 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 5:14

Tot Ion: 63 Resp: 1889616

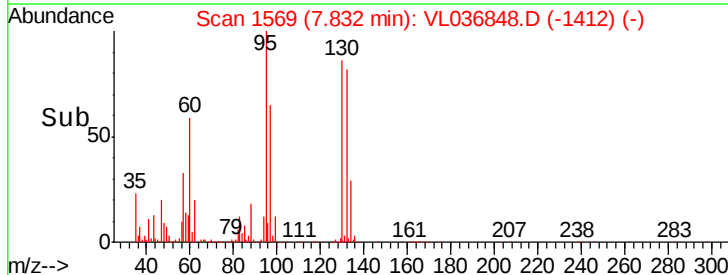
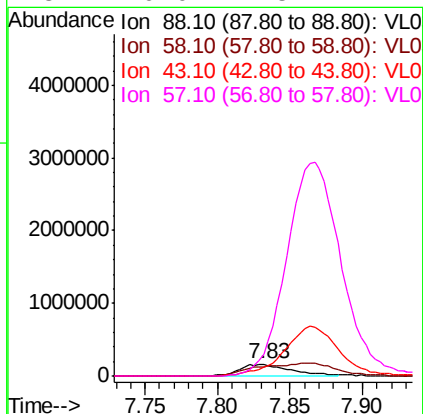
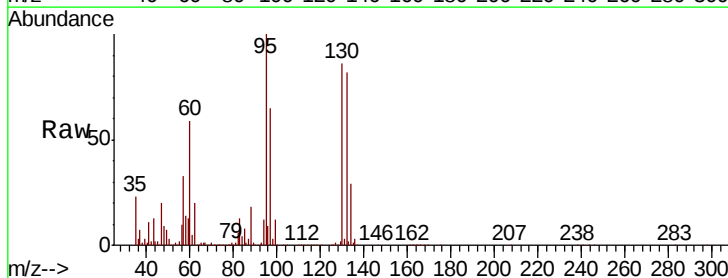
Ion	Ratio	Lower	Upper
63	100		
41	78.2	59.1	88.7
62	67.7	56.9	85.3

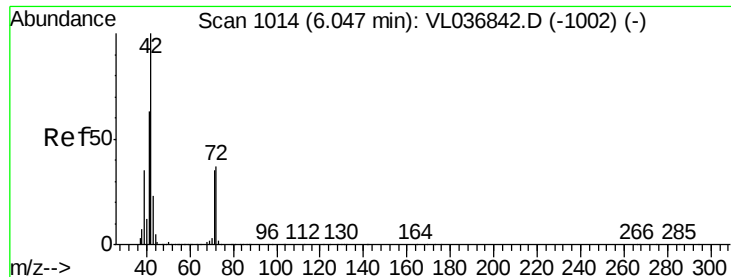


#40
 1,4-Dioxane
 Concen: 11.070 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 88 Resp: 384380

Ion	Ratio	Lower	Upper
88	100		
58	0.0	129.8	194.8#
43	0.0	326.5	489.7#
57	0.0	1428.2	2142.4#





#41

Tetrahydrofuran

Concen: 13.678 ppbv

RT: 6.04 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 5:14

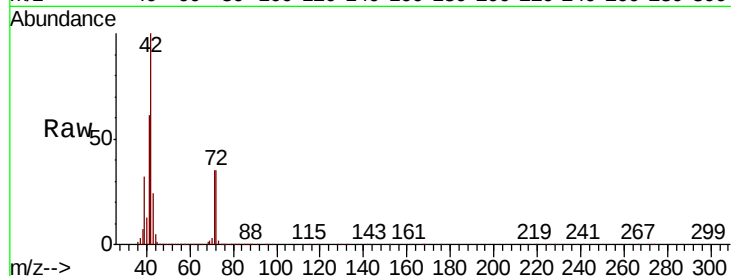
Tot Ion: 42 Resp: 1197511

Ion	Ratio	Lower	Upper
42	100		
72	37.6	29.7	44.5
71	36.3	29.0	43.6

42 100

72 37.6 29.7 44.5

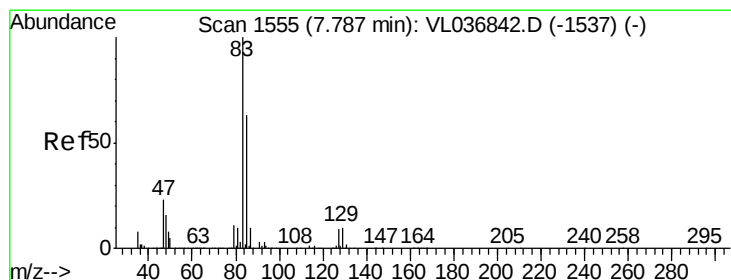
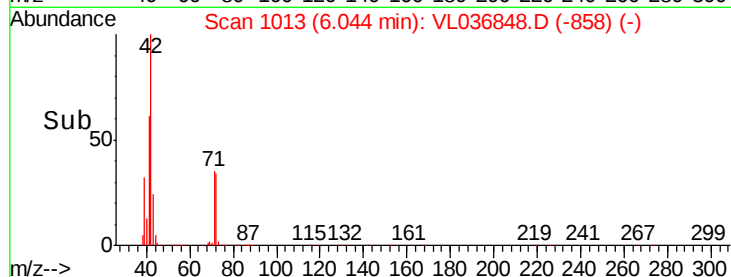
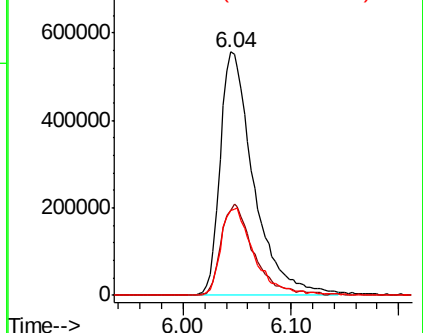
71 36.3 29.0 43.6



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 13.521 ppbv

RT: 7.79 min Scan# 1555

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

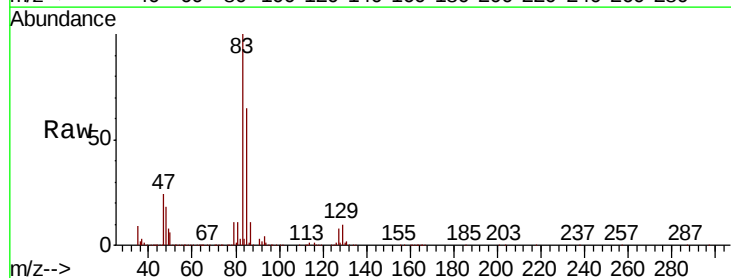
Tgt Ion: 83 Resp: 3930659

Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.4	75.6
127	7.7	6.9	10.3

83 100

85 65.1 50.4 75.6

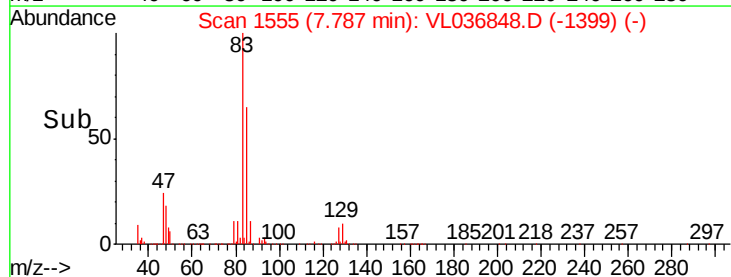
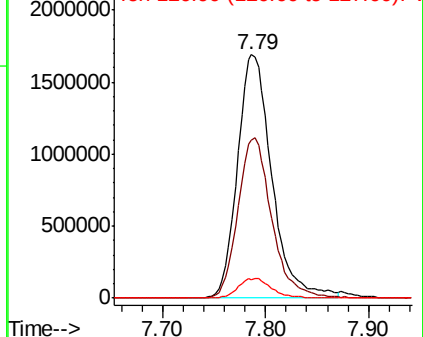
127 7.7 6.9 10.3

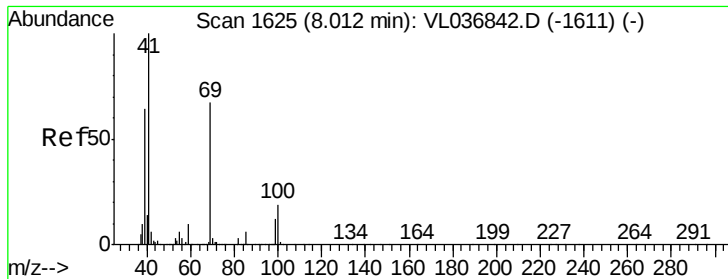


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

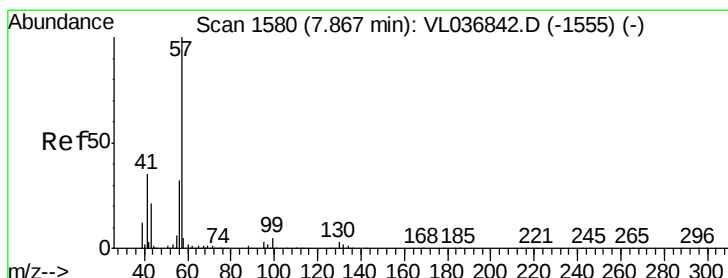
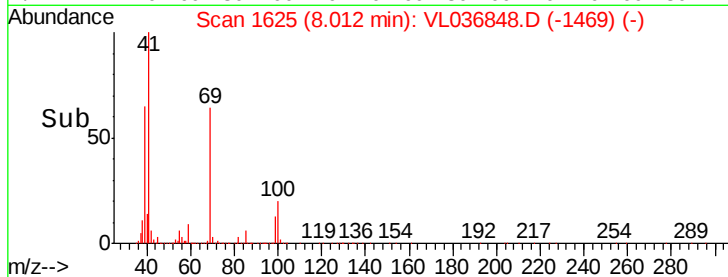
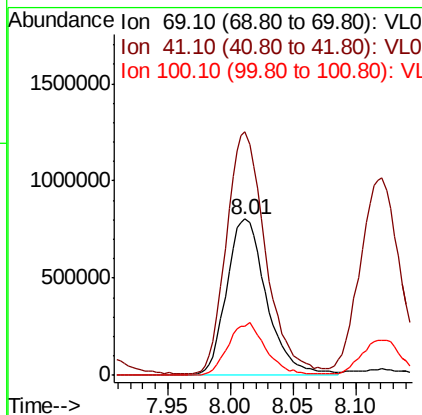
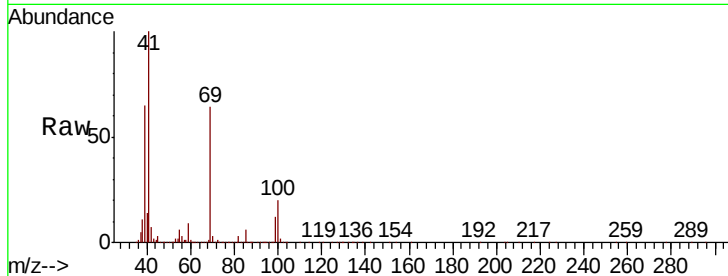




#43
Methvl Methacrilate
Concen: 14.538 ppbv
RT: 8.01 Instrument :
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 5:14

Tot Ion: 69 Resp: 1767237

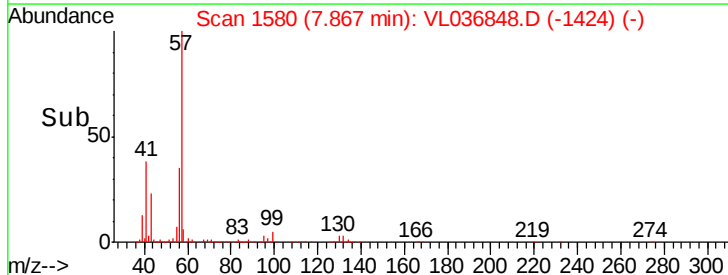
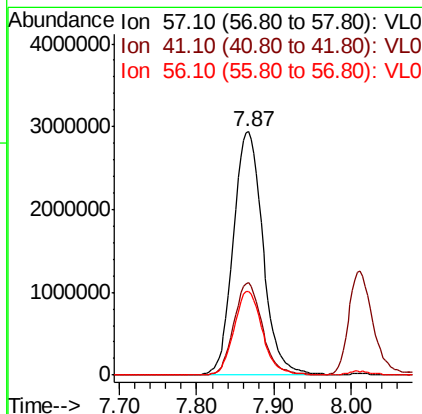
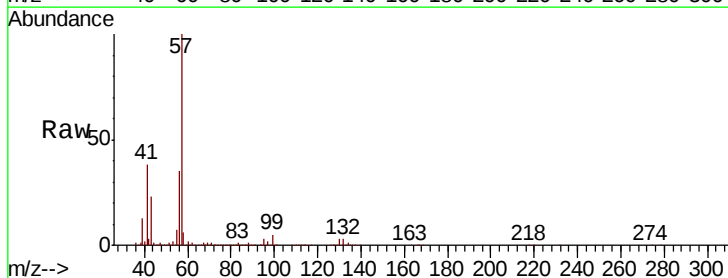
Ion	Ratio	Lower	Upper
69	100		
41	153.6	125.0	187.4
100	32.4	25.4	38.2

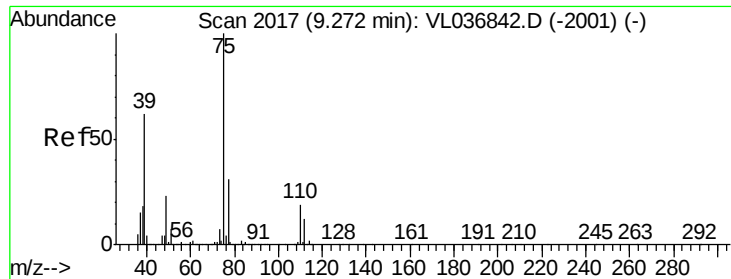


#44
2,2,4-Trimethylpentane
Concen: 12.113 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 57 Resp: 7794091

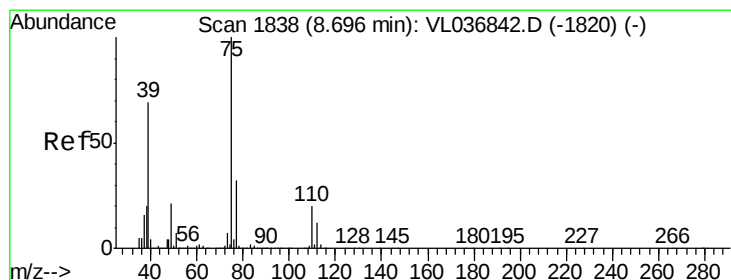
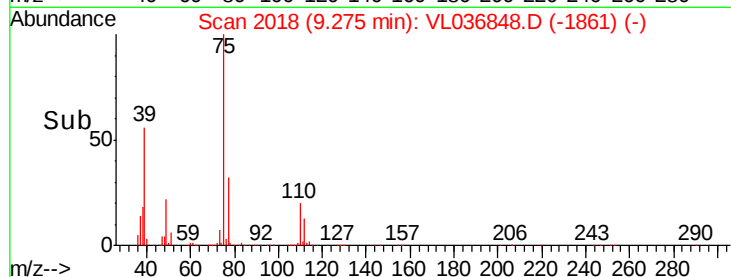
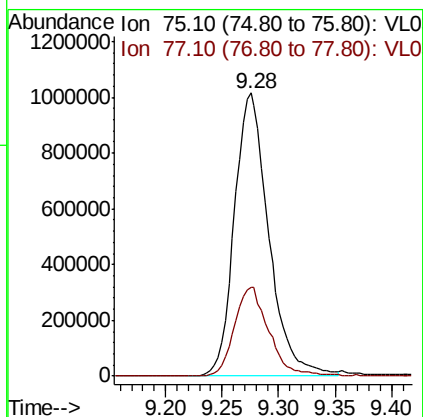
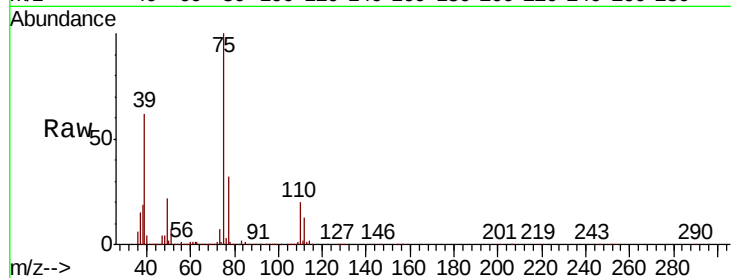
Ion	Ratio	Lower	Upper
57	100		
41	36.4	28.3	42.5
56	33.1	25.9	38.9





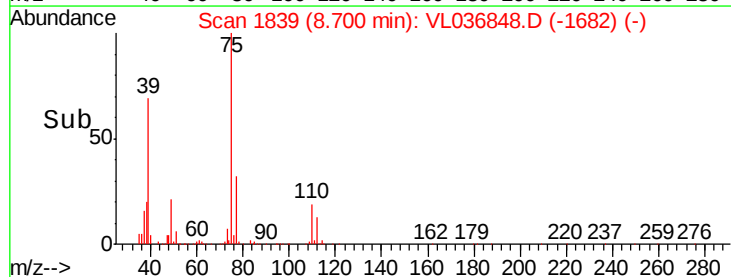
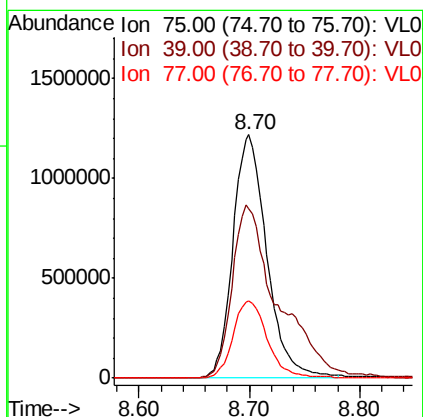
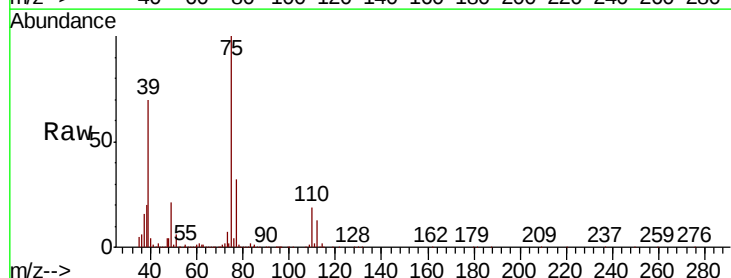
#45
t-1,3-Dichloropropene
Concen: 15.481 ppbv
RT: 9.28 Instrument :
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 5:14

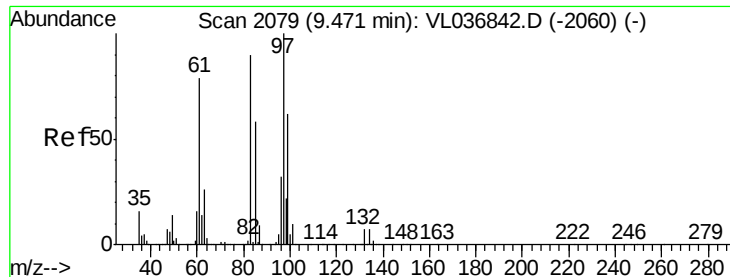
Tot Ion: 75 Resp: 2145269
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 14.698 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 75 Resp: 2598092
Ion Ratio Lower Upper
75 100
39 69.6 55.4 83.0
77 31.7 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 13.150 ppbv

RT: 9.47 Instrument:

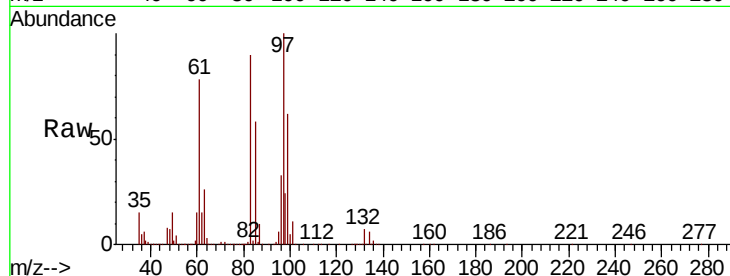
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 5:14

Tot Ion: 97 Resp: 1977366

Ion	Ratio	Lower	Upper
97	100		
83	89.5	71.9	107.9
85	57.5	46.5	69.7
99	61.9	49.8	74.8



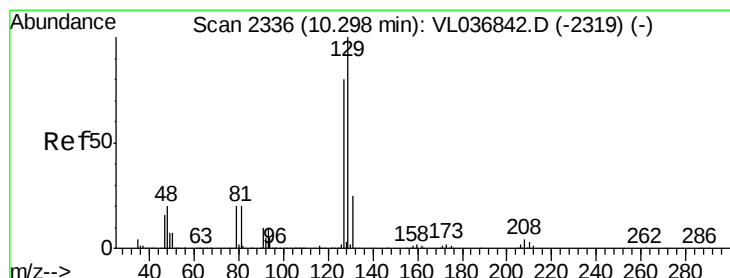
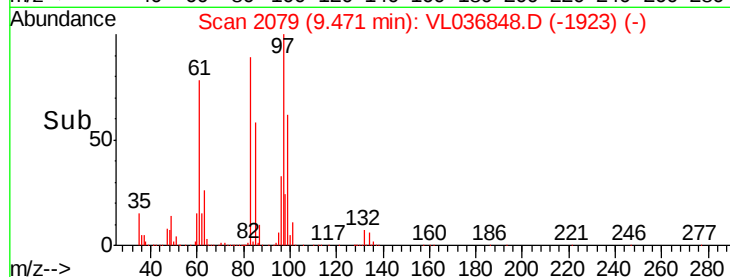
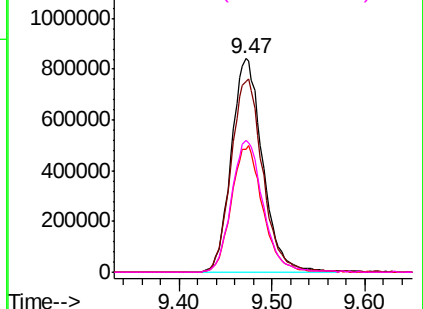
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 14.353 ppbv

RT: 10.30 min Scan# 2337

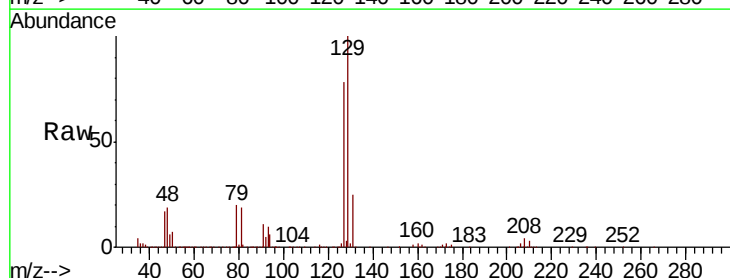
Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

Tgt Ion: 129 Resp: 3271967

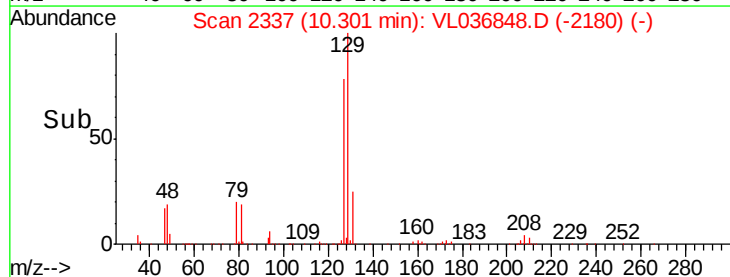
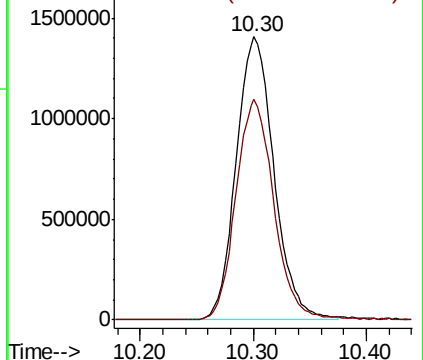
Ion	Ratio	Lower	Upper
129	100		
127	78.9	40.2	120.5

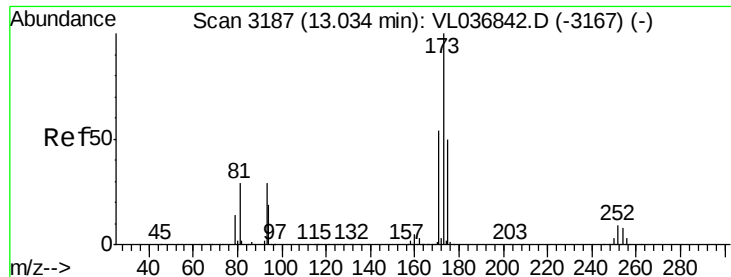


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 14.557 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

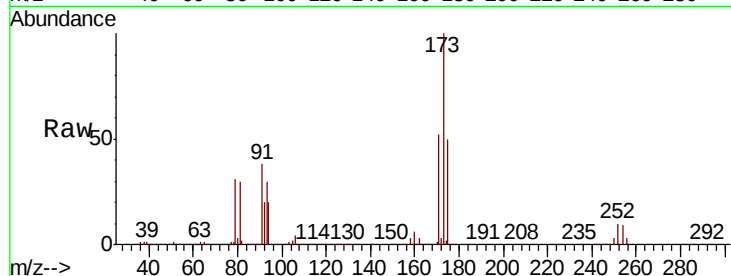
Tot Ion:173 Resp: 2679202

Ion Ratio Lower Upper

173 100

175 51.0 39.8 59.8

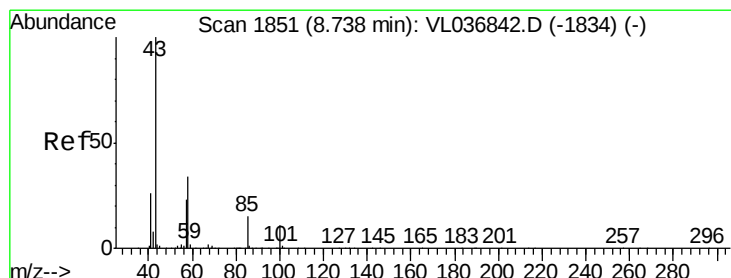
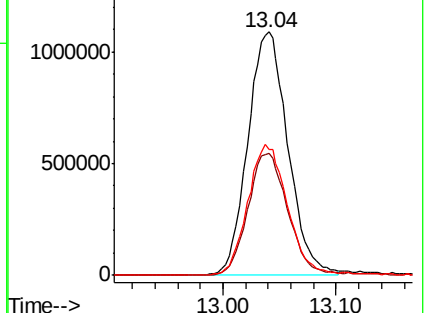
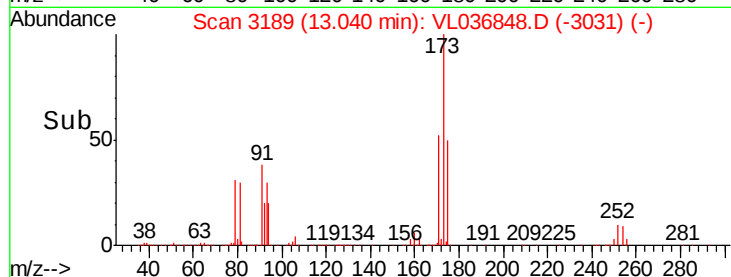
171 54.0 42.2 63.4



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: 13.672 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VL036848.D

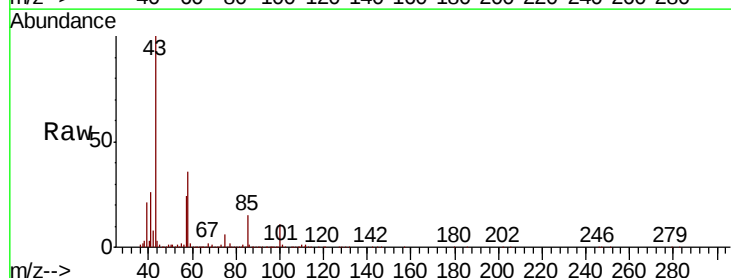
Acq: 27 Apr 2021 5:14

Tgt Ion: 43 Resp: 3779617

Ion Ratio Lower Upper

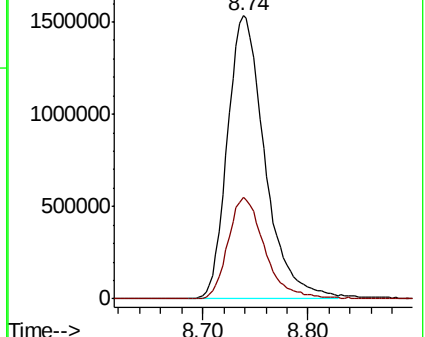
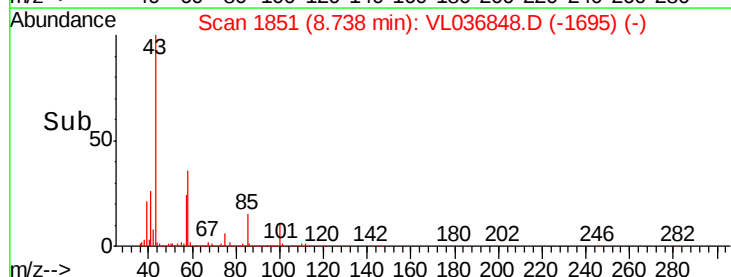
43 100

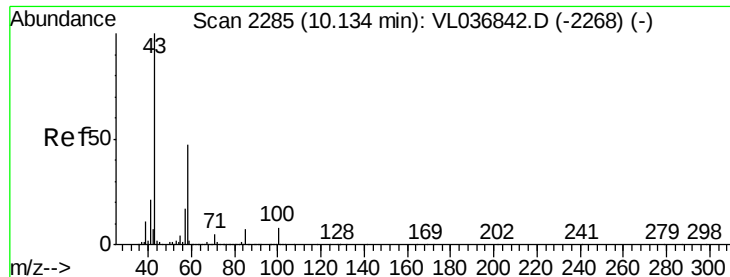
58 35.4 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

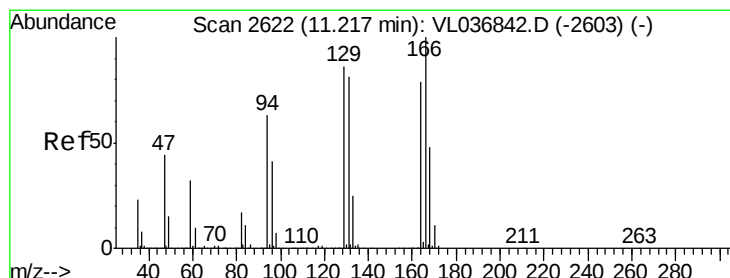
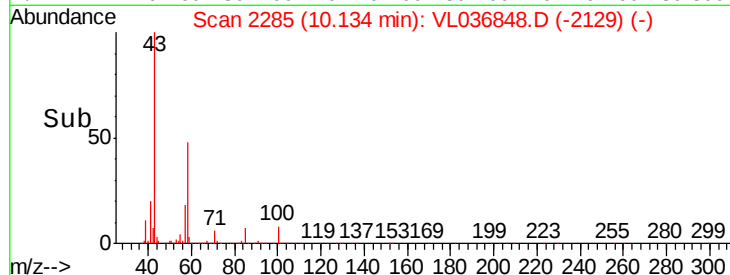
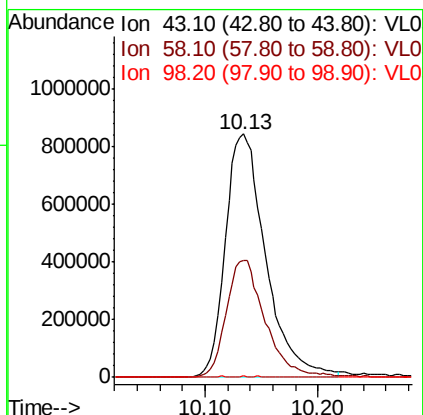
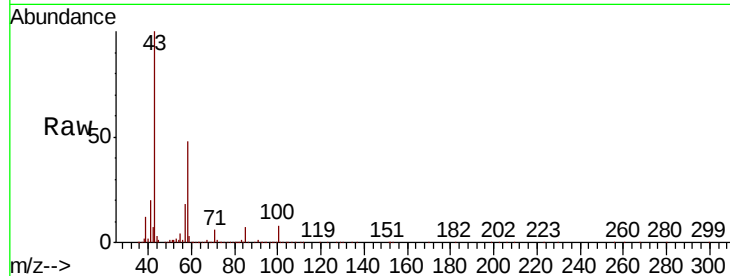
Ion 58.10 (57.80 to 58.80): VL0





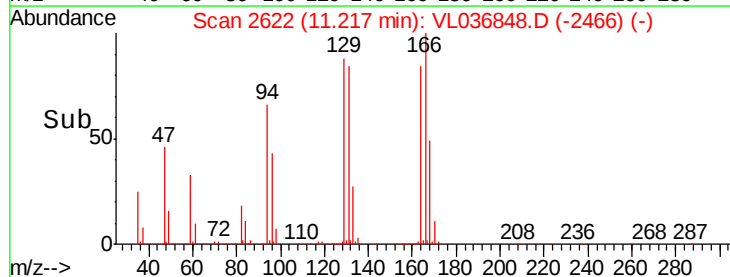
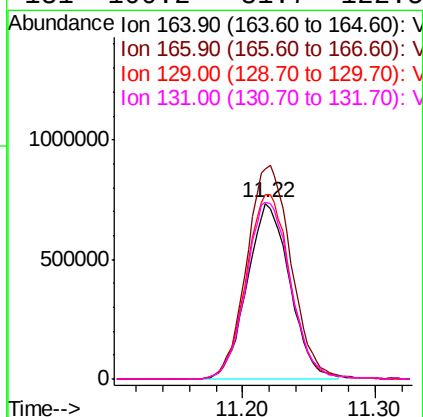
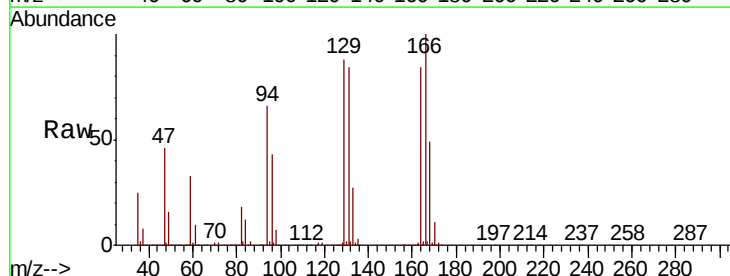
#51
2-Hexanone
Concen: 15.078 ppbv
RT: 10.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 5:14

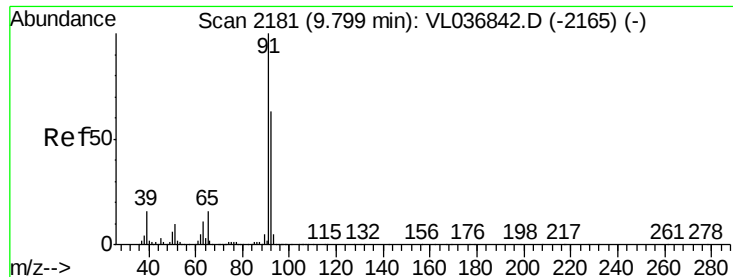
Tot Ion: 43 Resp: 2090004
Ion Ratio Lower Upper
43 100
58 46.8 36.8 55.2
98 0.8 0.3 0.5#



#52
Tetrachloroethene
Concen: 12.153 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 164 Resp: 1638960
Ion Ratio Lower Upper
164 100
166 119.2 100.9 151.3
129 104.6 87.0 130.4
131 100.2 81.7 122.5





#53

Toluene

Concen: 13.939 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

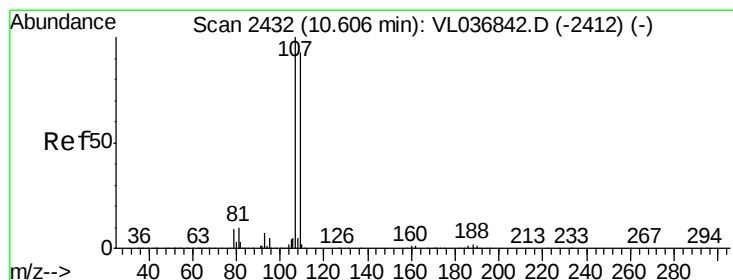
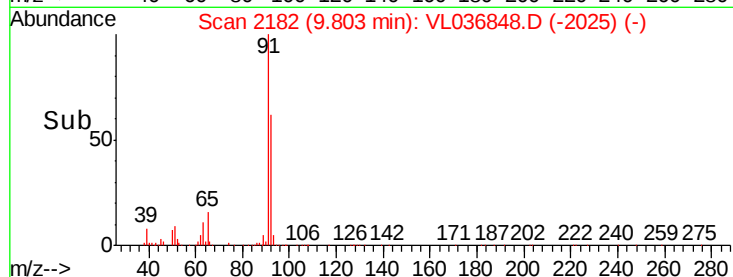
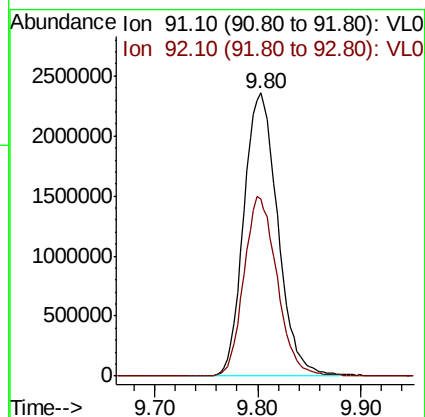
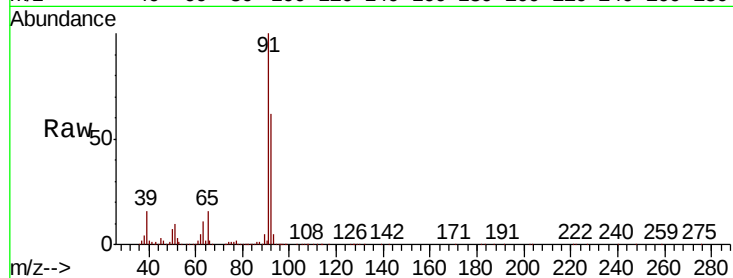
Acq: 27 Apr 2021 5:14

Tot Ion: 91 Resp: 5404861

Ion Ratio Lower Upper

91 100

92 62.0 49.1 73.7



#54

1,2-Dibromoethane

Concen: 13.458 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VL036848.D

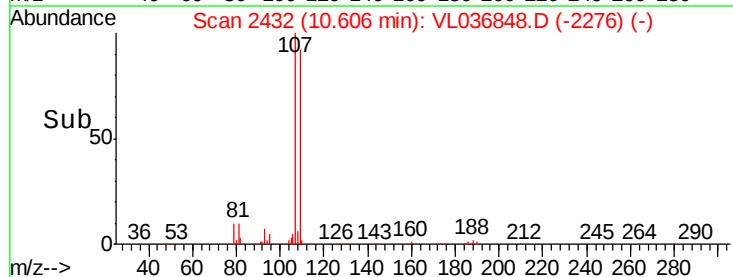
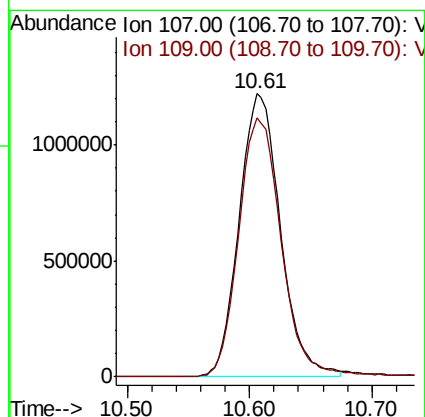
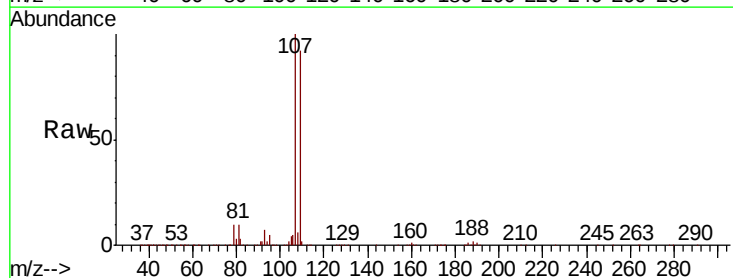
Acq: 27 Apr 2021 5:14

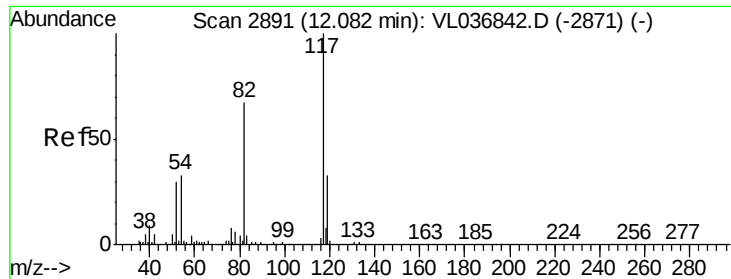
Tgt Ion: 107 Resp: 2848490

Ion Ratio Lower Upper

107 100

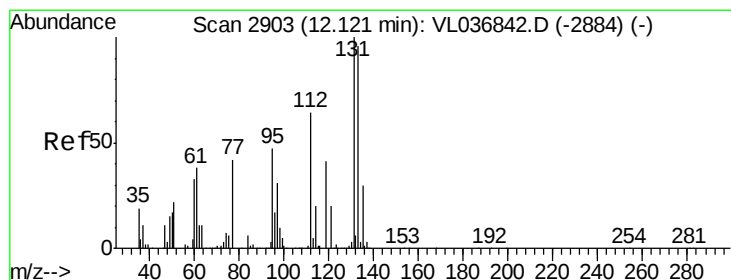
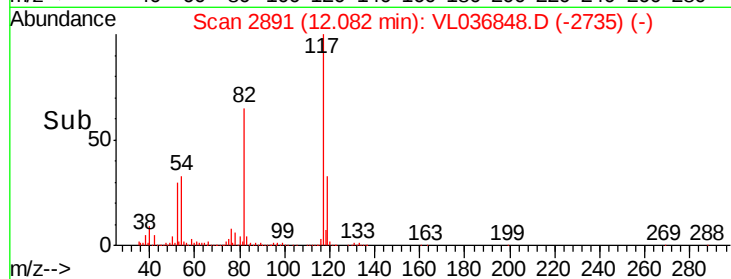
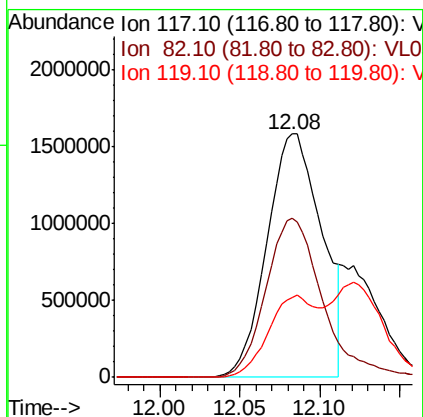
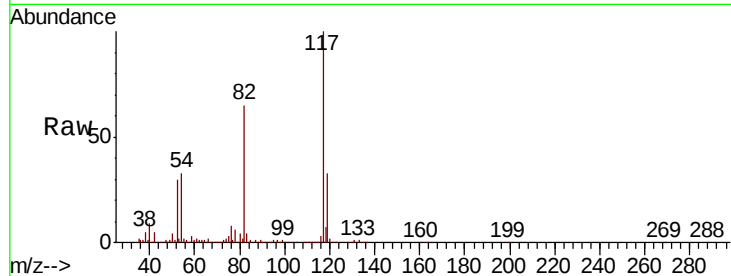
109 91.6 74.7 112.1





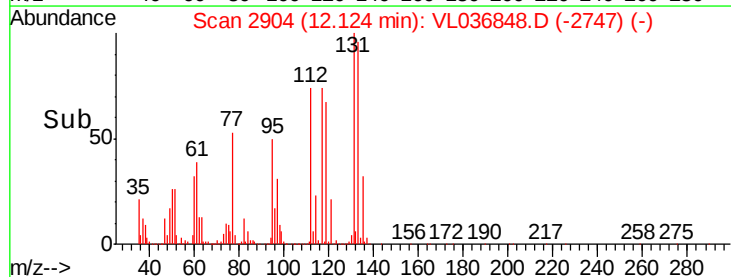
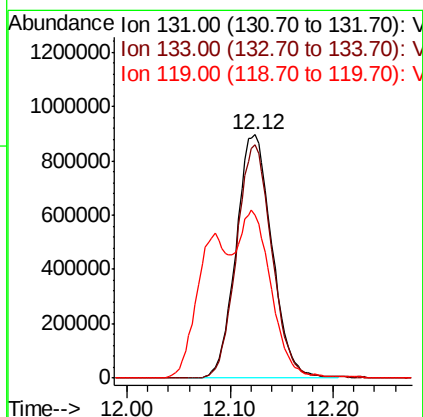
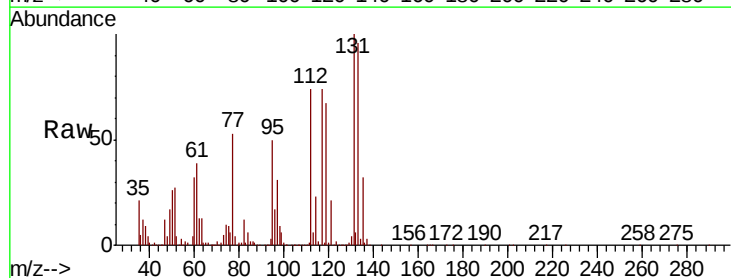
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 5:14

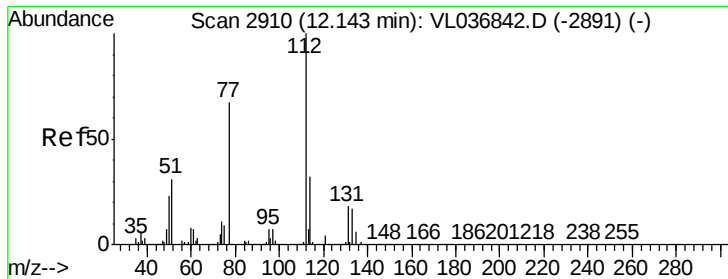
Tot Ion:117 Resp: 3770817
Ion Ratio Lower Upper
117 100
82 68.5 53.4 80.2
119 28.5 44.9 67.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 12.910 ppbv
RT: 12.12 min Scan# 2904
Delta R.T.: 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion:131 Resp: 2163183
Ion Ratio Lower Upper
131 100
133 95.8 76.2 114.4
119 119.0 114.6 171.8





#57

Chlorobenzene

Concen: 12.546 ppbv

RT: 12.14 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

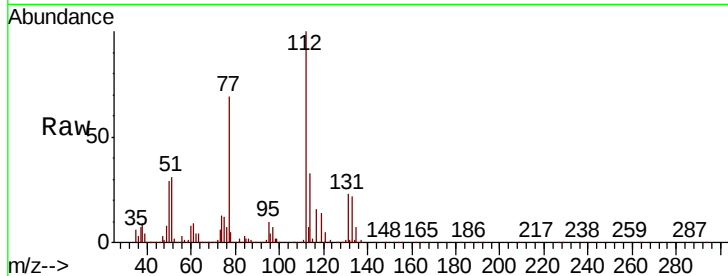
Tot Ion: 112 Resp: 3972714

Ion Ratio Lower Upper

112 100

77 68.3 54.2 81.4

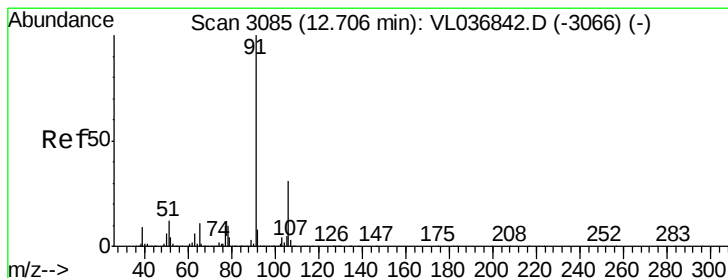
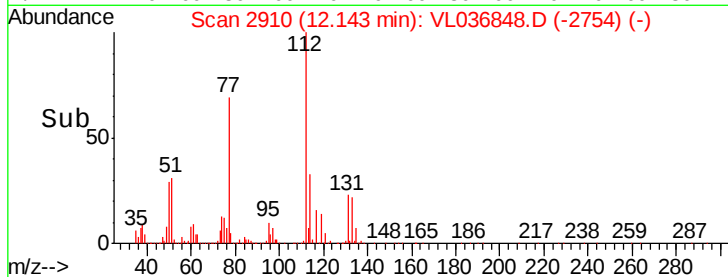
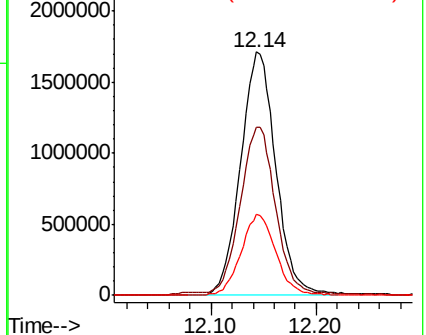
114 33.0 28.5 34.9



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: 13.296 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VL036848.D

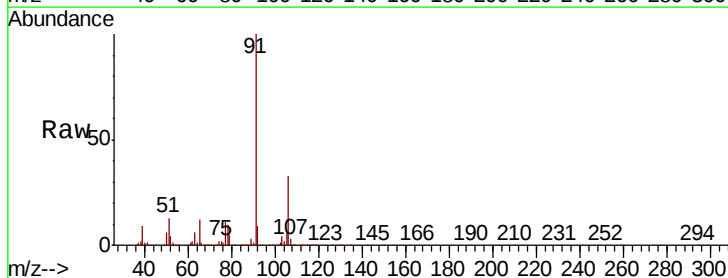
Acq: 27 Apr 2021 5:14

Tgt Ion: 91 Resp: 7156414

Ion Ratio Lower Upper

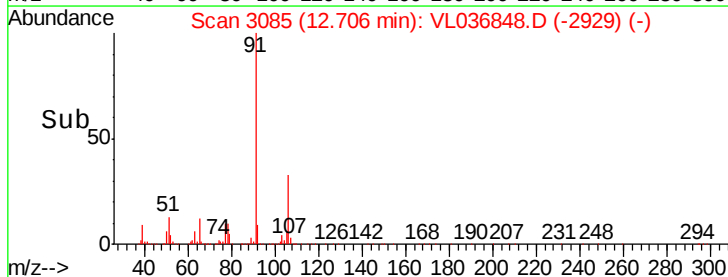
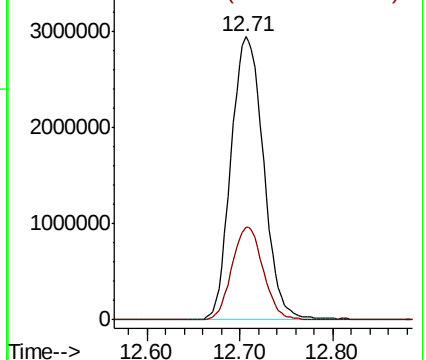
91 100

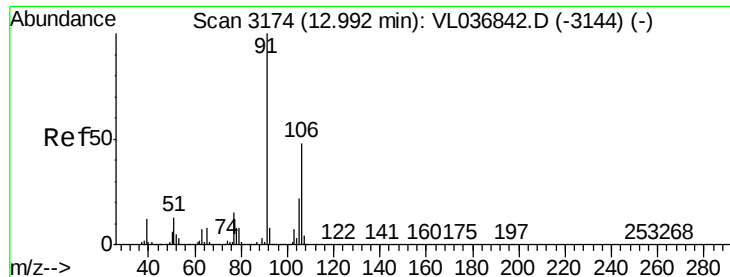
106 32.7 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

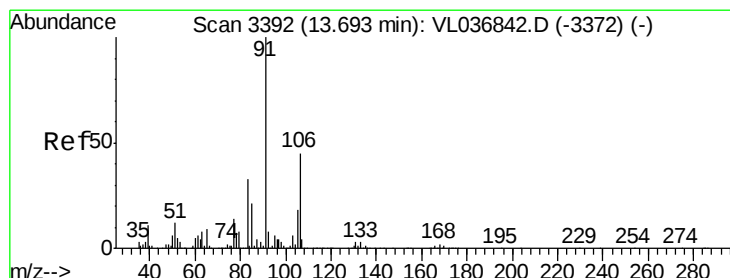
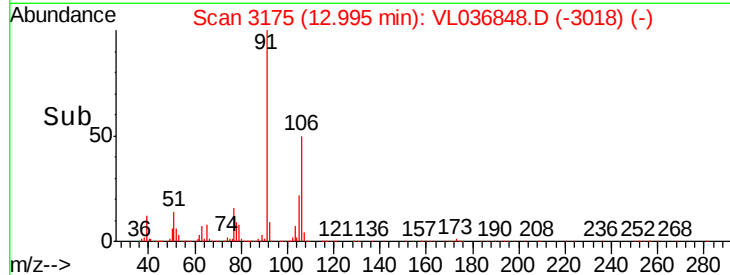
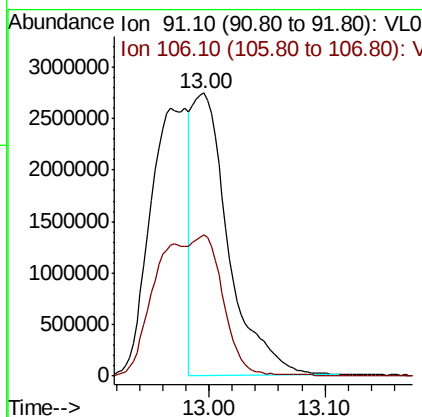
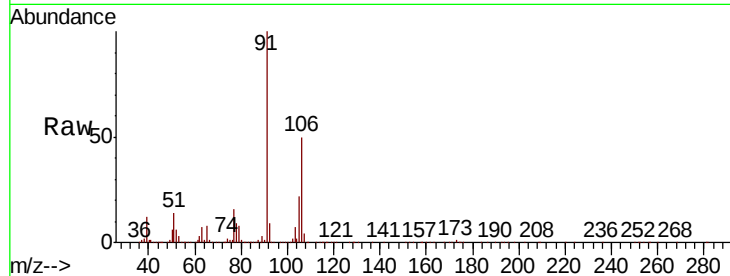
Ion 106.10 (105.80 to 106.80): V





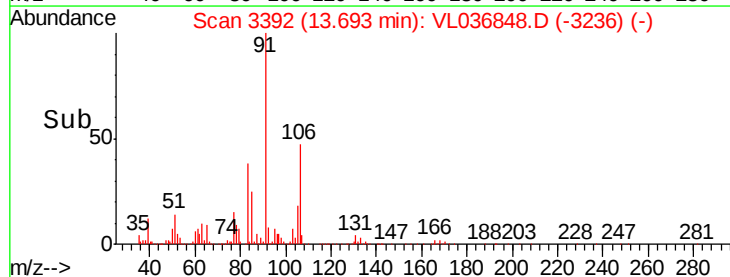
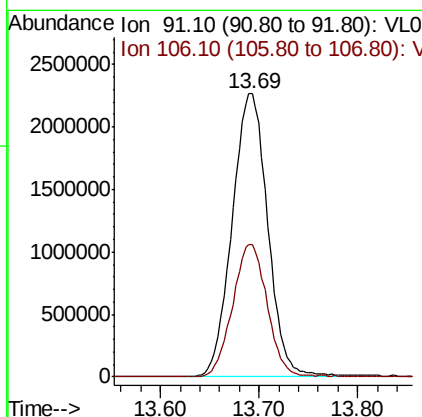
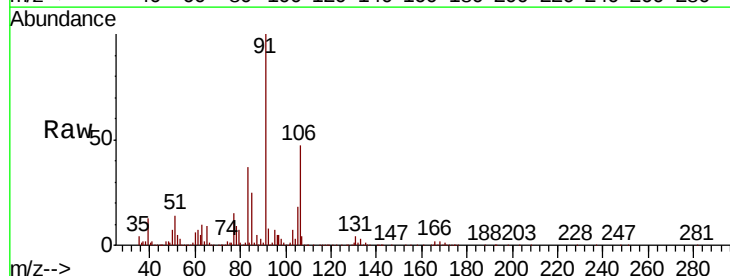
#59
m/p-Xylene
Concen: 12.579 ppbv
RT: 13.00 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 5:14

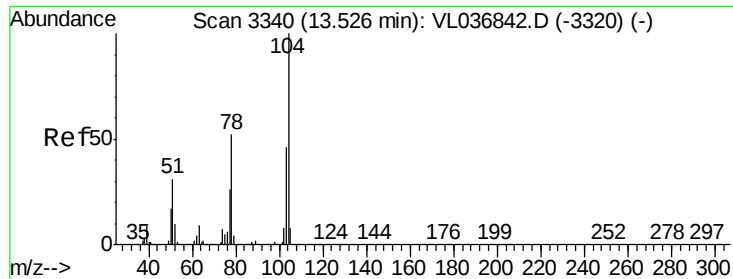
Tot Ion: 91 Resp: 5916879
Ion Ratio Lower Upper
91 100
106 92.4 35.7 53.5#



#60
o-Xylene
Concen: 12.450 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 91 Resp: 5665213
Ion Ratio Lower Upper
91 100
106 46.0 22.6 67.8





#61

Stvrene

Concen: 15.264 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

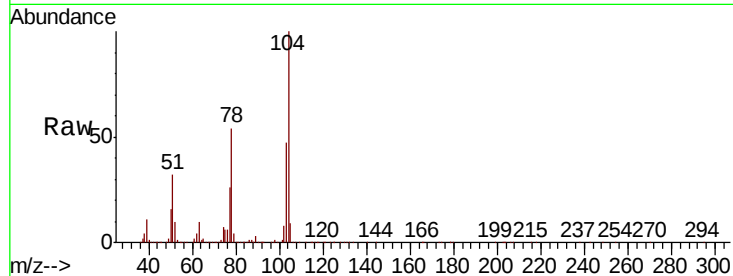
Tot Ion:104 Resp: 3462611

Ion Ratio Lower Upper

104 100

78 54.0 42.6 64.0

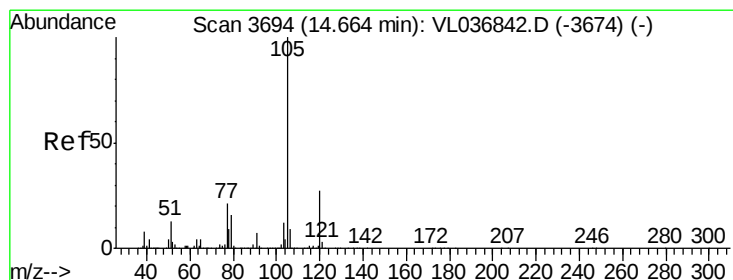
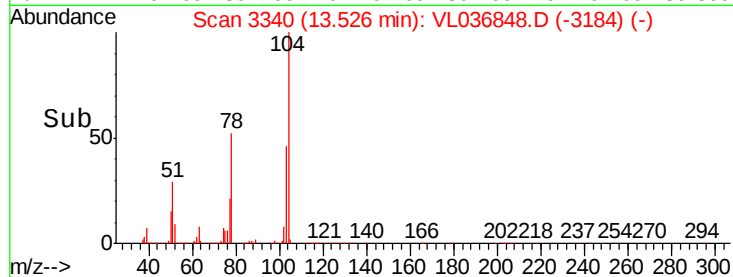
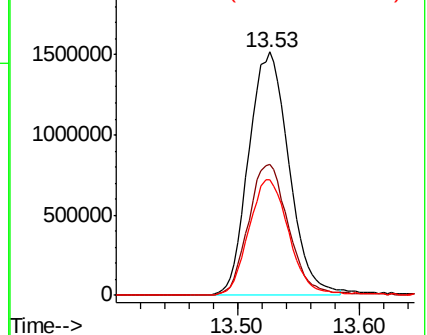
103 47.9 38.1 57.1



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: 12.552 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VL036848.D

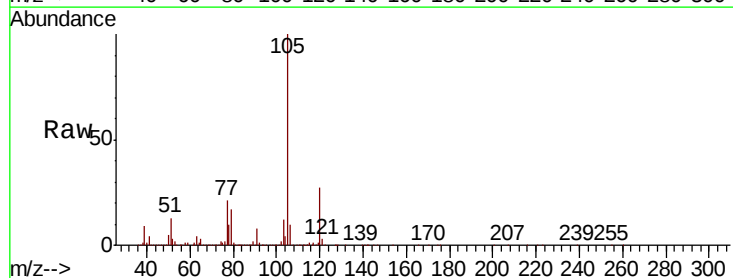
Acq: 27 Apr 2021 5:14

Tgt Ion:105 Resp: 7687218

Ion Ratio Lower Upper

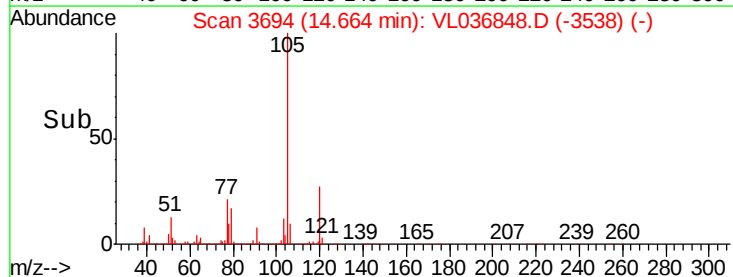
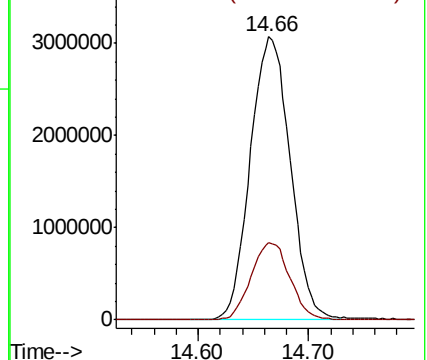
105 100

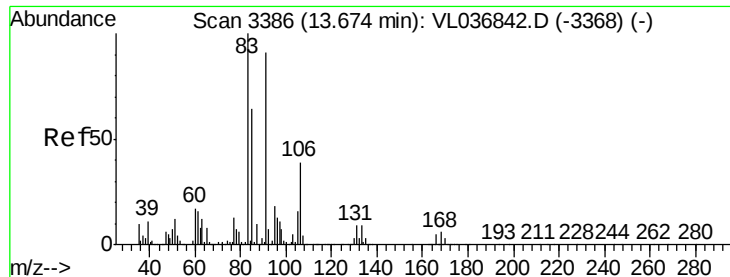
120 26.8 21.1 31.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

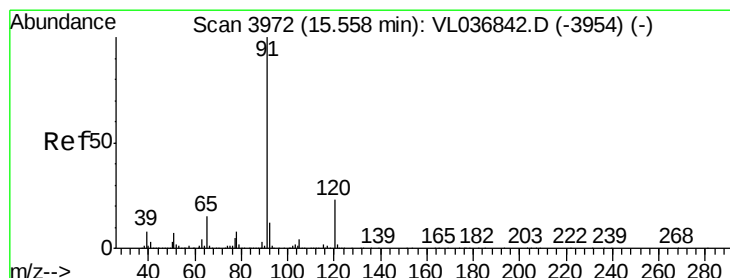
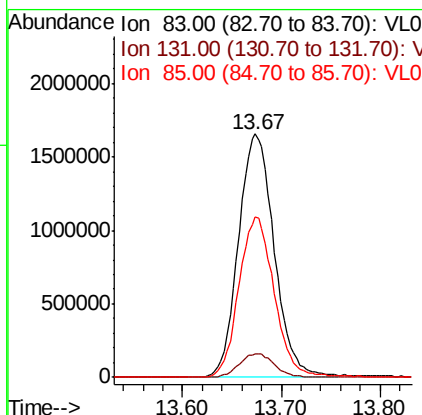
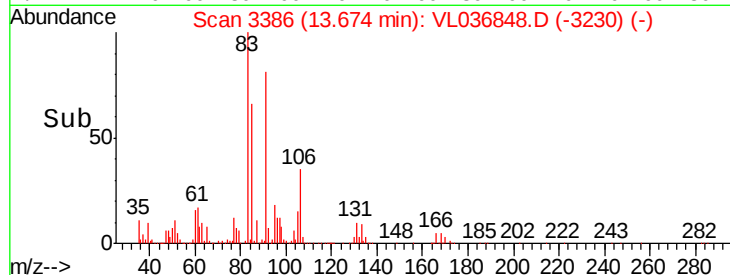
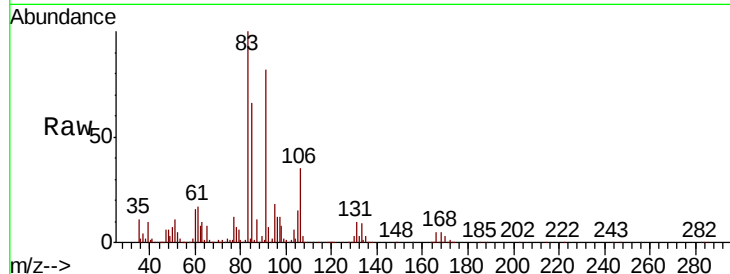




#63
 1,1,2,2-Tetrachloroethane
 Concen: 11.841 ppbv
 RT: 13.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 5:14

Tot Ion: 83 Resp: 4150723

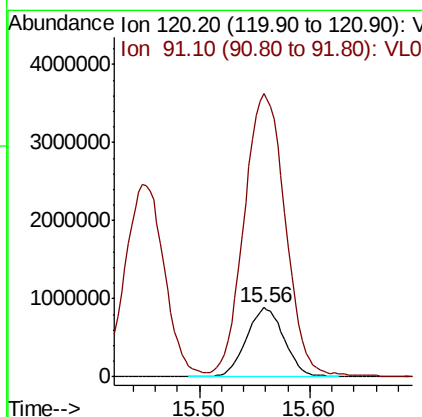
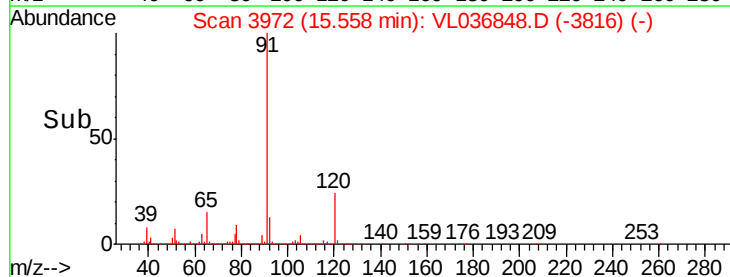
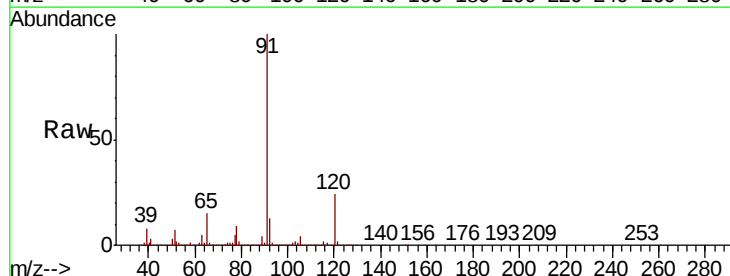
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.3
85	65.6	32.8	98.4

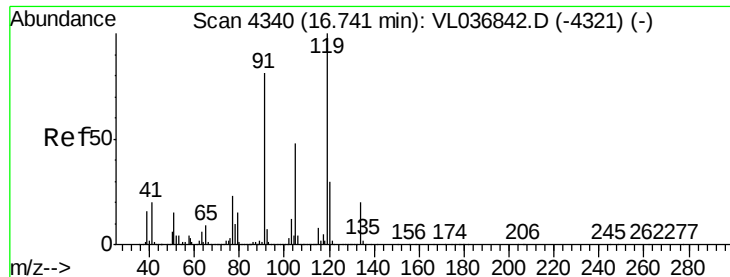


#64
 n-propylbenzene
 Concen: 14.002 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 120 Resp: 2102916

Ion	Ratio	Lower	Upper
120	100		
91	449.1	378.6	567.8

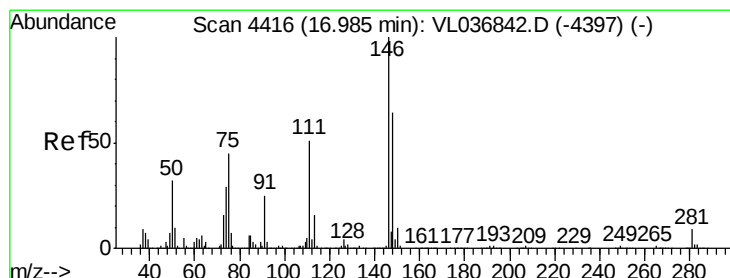
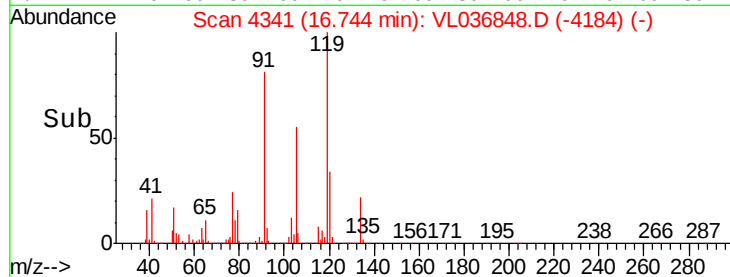
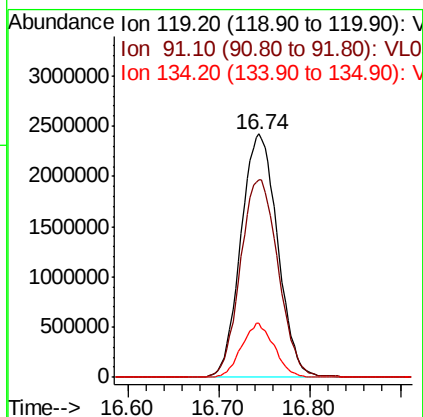
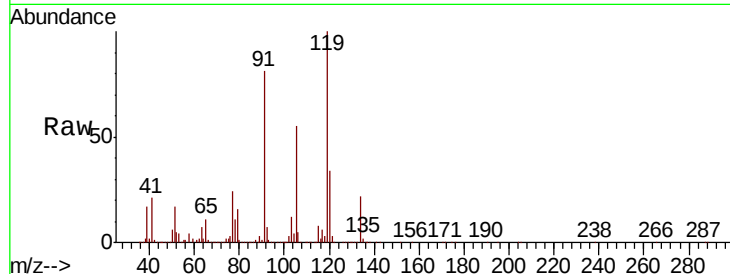




#65
 tert-Butylbenzene
 Concen: 12.701 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 5:14

Tot Ion: 119 Resp: 6787461

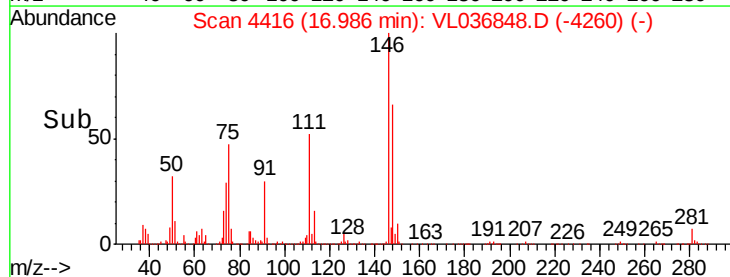
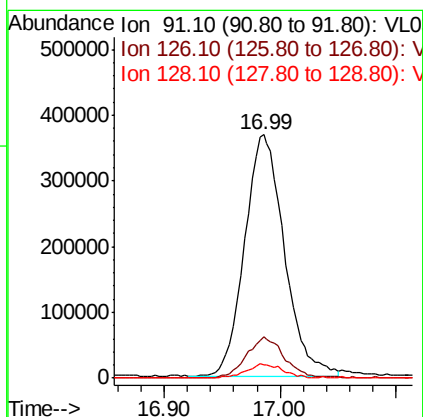
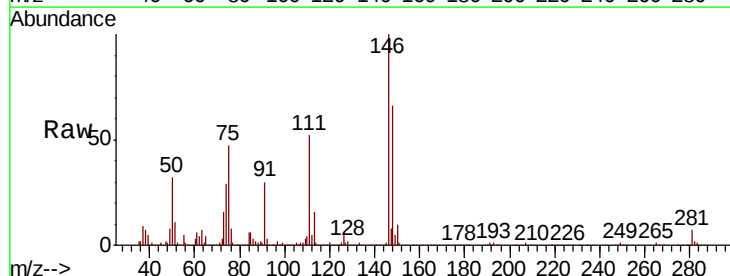
Ion	Ratio	Lower	Upper
119	100		
91	83.9	66.9	100.3
134	19.9	15.7	23.5

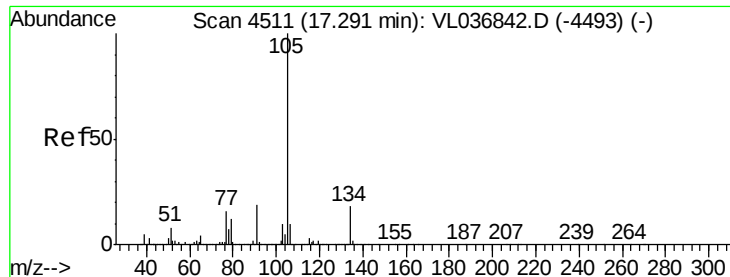


#66
 Benzyl Chloride
 Concen: 15.326 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 91 Resp: 875959

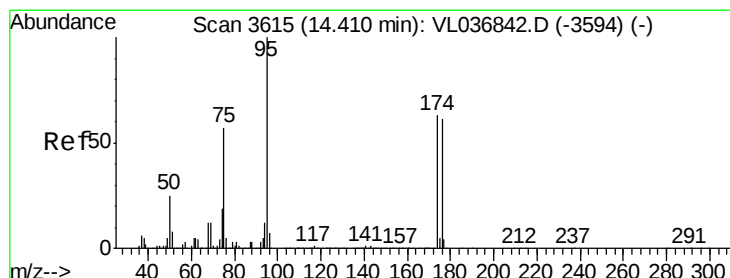
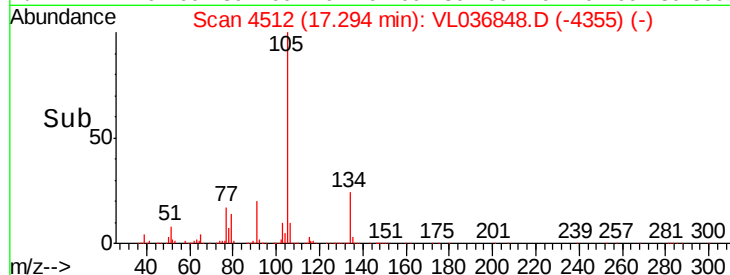
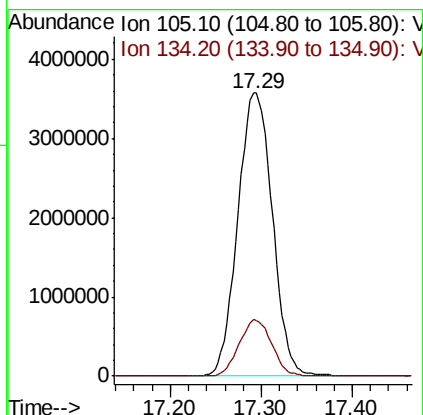
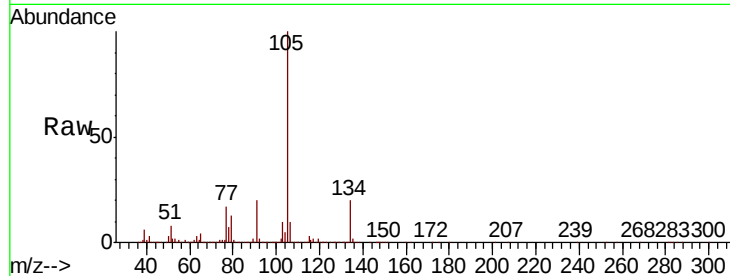
Ion	Ratio	Lower	Upper
91	100		
126	16.5	14.1	21.1
128	5.9	4.8	7.2





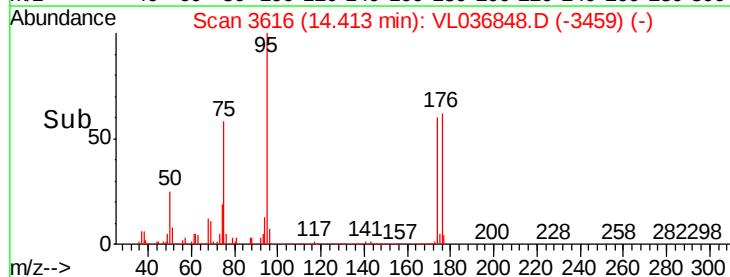
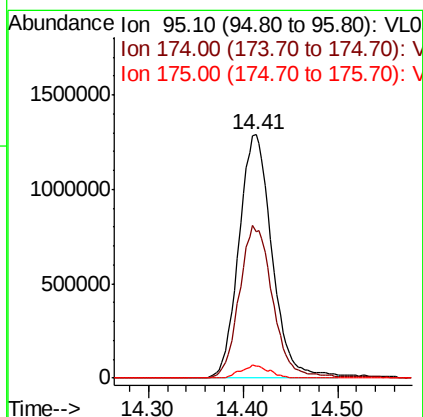
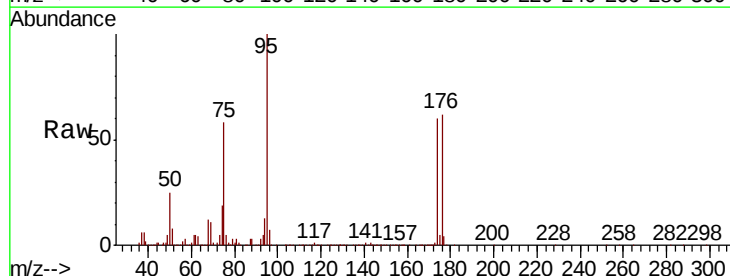
#67
 sec-Butylbenzene
 Concen: 12.506 ppbv
 RT: 17.29 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 5:14

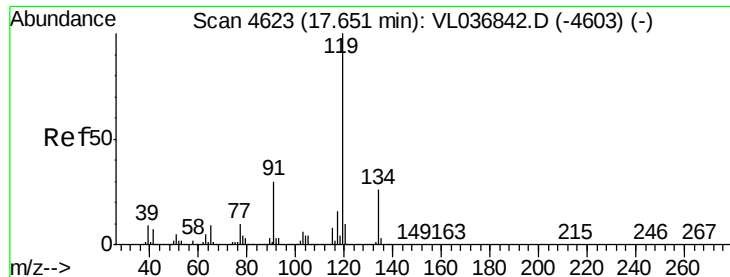
Tot Ion: 105 Resp: 9431103
 Ion Ratio Lower Upper
 105 100
 134 19.0 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.510 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 95 Resp: 3143230
 Ion Ratio Lower Upper
 95 100
 174 63.9 52.4 78.6
 175 4.8 3.9 5.9





#69

p-Isopropyltoluene

Concen: 13.370 ppbv

RT: 17.65 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

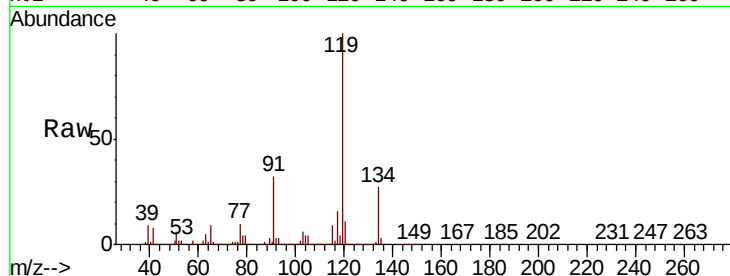
Tot Ion: 119 Resp: 7891868

Ion Ratio Lower Upper

119 100

134 26.3 20.6 30.8

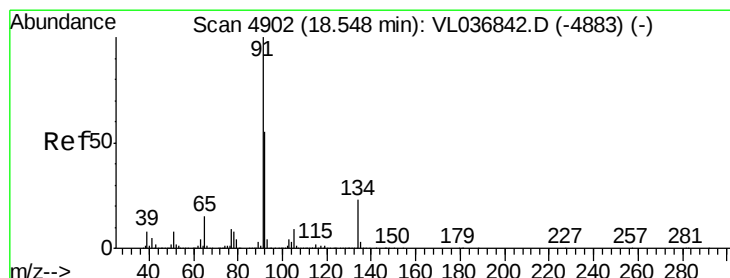
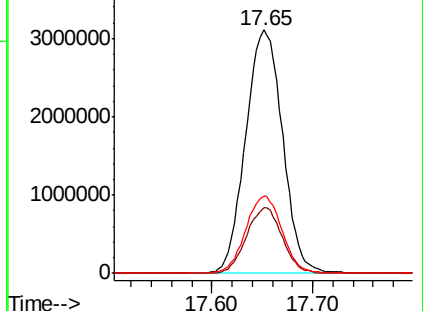
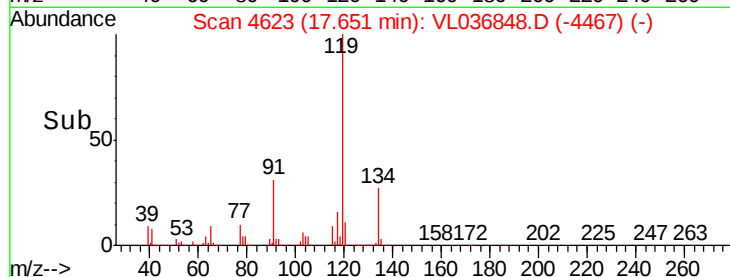
91 31.1 24.4 36.6



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70

n-Butylbenzene

Concen: 13.343 ppbv

RT: 18.55 min Scan# 4902

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

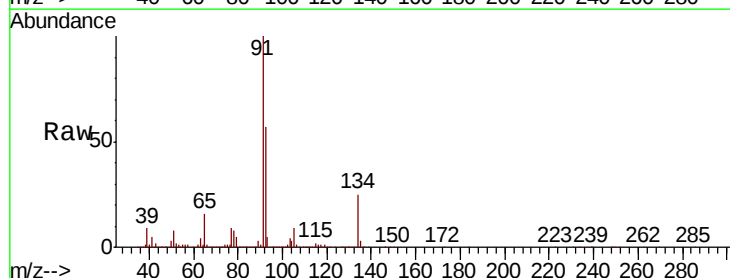
Tgt Ion: 91 Resp: 8162113

Ion Ratio Lower Upper

91 100

92 55.6 43.6 65.4

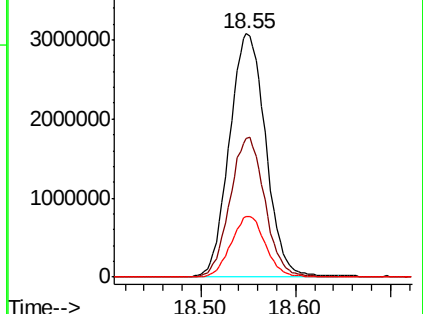
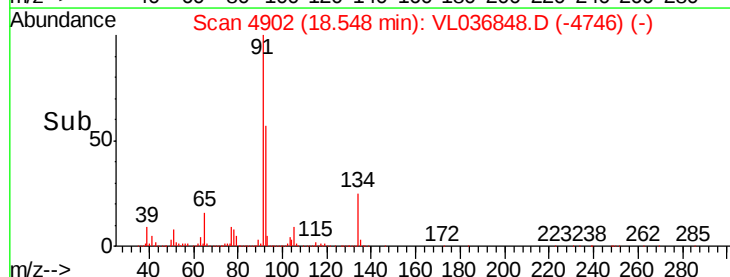
134 23.7 18.2 27.4

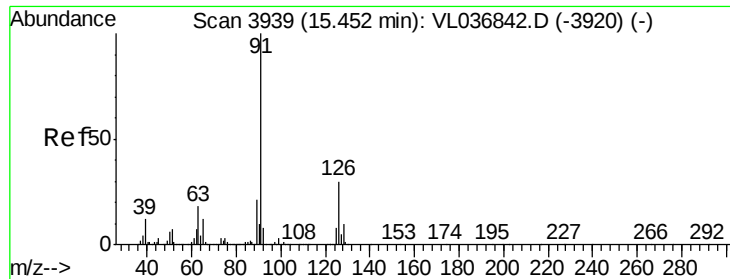


Abundance Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

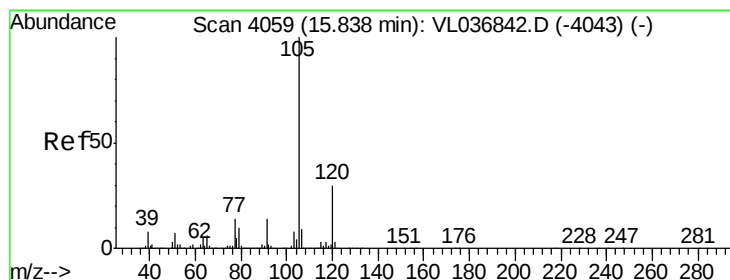
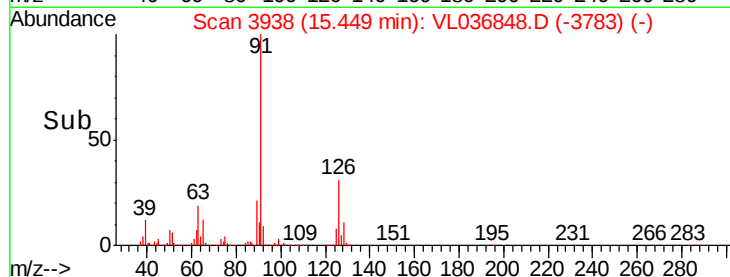
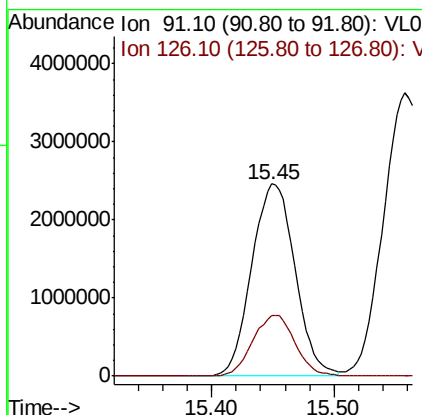
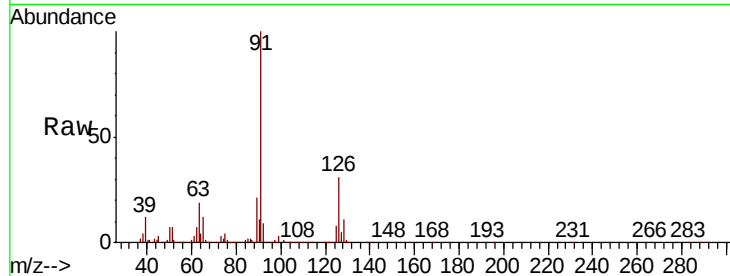
Ion 134.20 (133.90 to 134.90): V





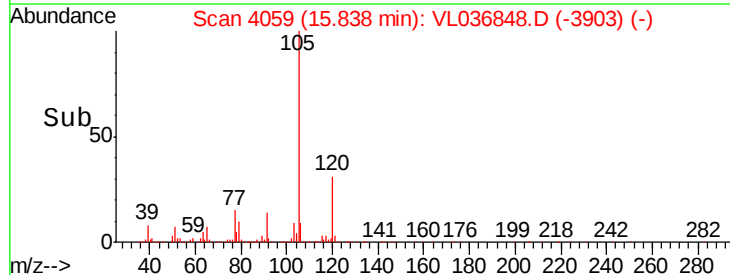
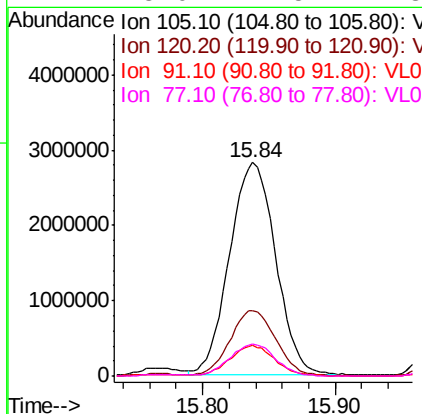
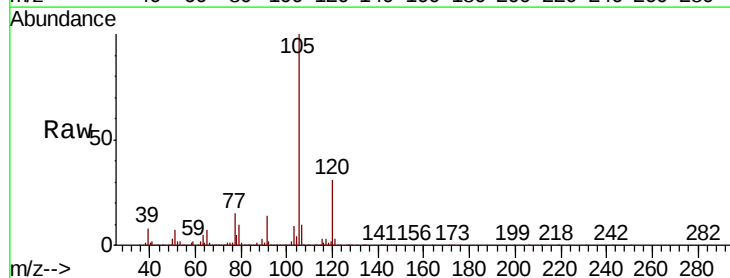
#71
 2-Chlorotoluene
 Concen: 13.183 ppbv
 RT: 15.45 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 5:14

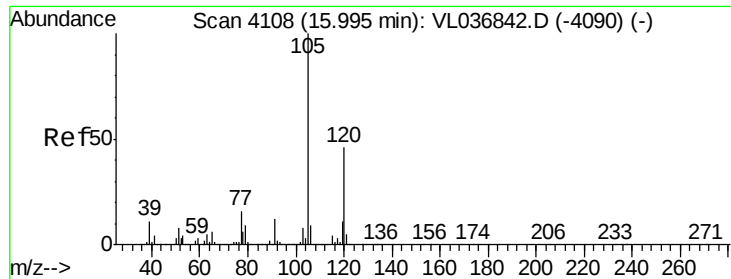
Tot Ion: 91 Resp: 6058123
 Ion Ratio Lower Upper
 91 100
 126 31.5 12.3 49.3



#72
 4-Ethyltoluene
 Concen: 13.453 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

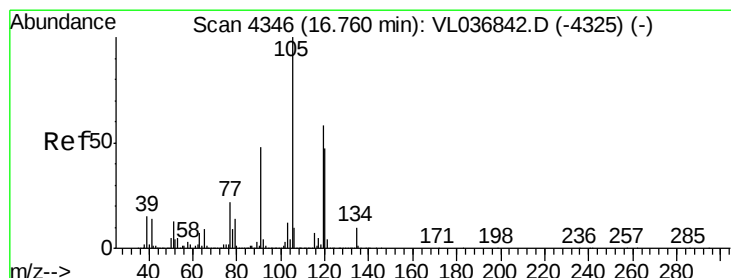
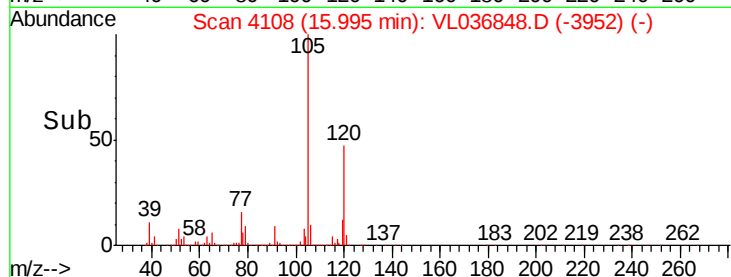
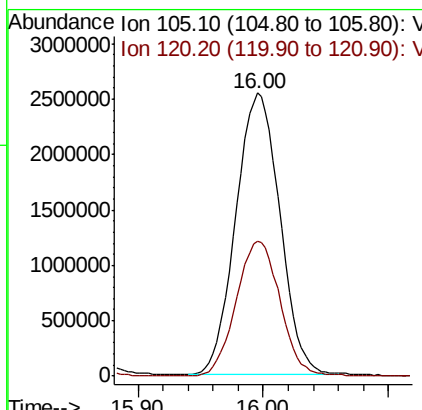
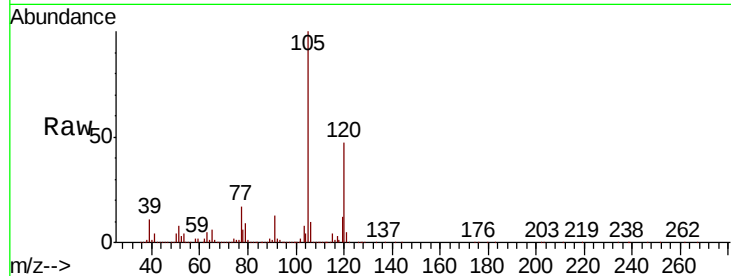
Tgt Ion:105 Resp: 6743465
 Ion Ratio Lower Upper
 105 100
 120 31.1 23.8 35.6
 91 13.9 10.7 16.1
 77 15.0 11.5 17.3





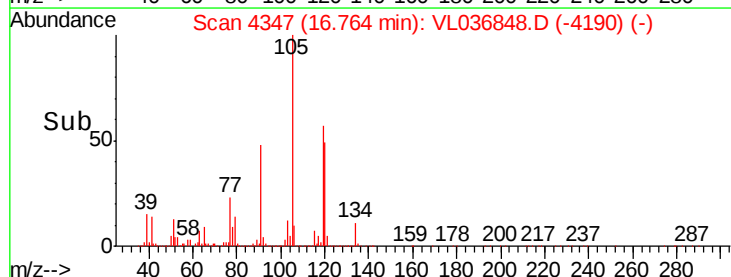
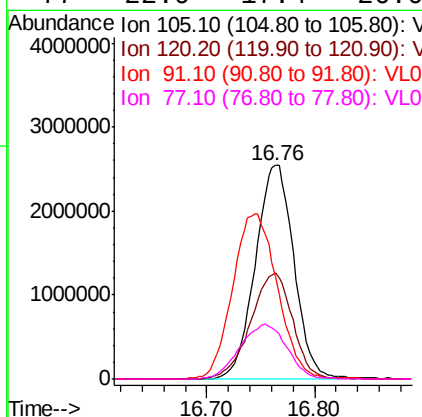
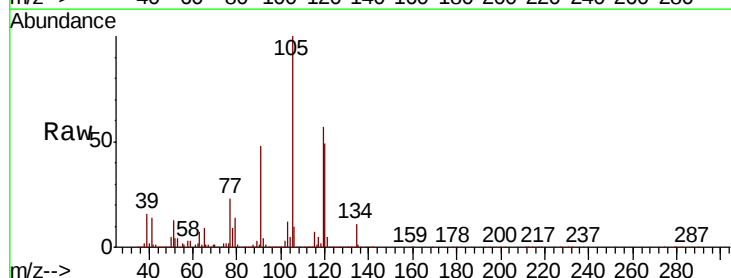
#73
 1,3,5-Trimethylbenzene
 Concen: 13.283 ppbv
 RT: 16.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 5:14

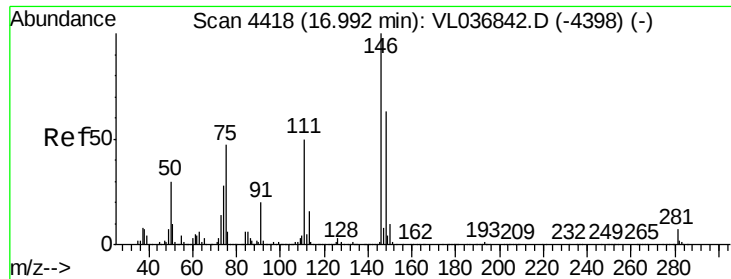
Tot Ion:105 Resp: 6212008
 Ion Ratio Lower Upper
 105 100
 120 47.5 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 12.533 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion:105 Resp: 6295266
 Ion Ratio Lower Upper
 105 100
 120 49.4 37.6 56.4
 91 47.4 39.0 58.4
 77 22.9 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 13.378 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File:

ClientSampleId:

Acq: 27 Apr 2021 5:14

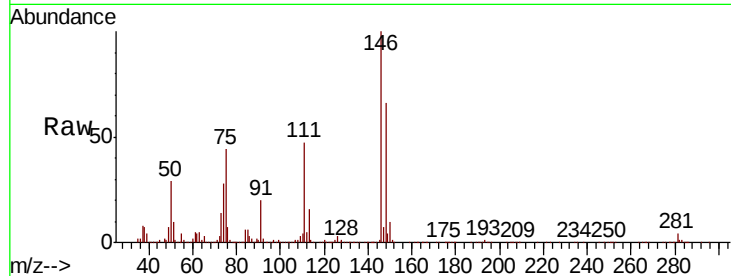
Tot Ion:146 Resp: 3786494

Ion Ratio Lower Upper

146 100

111 48.4 24.2 72.6

148 64.7 32.1 96.3

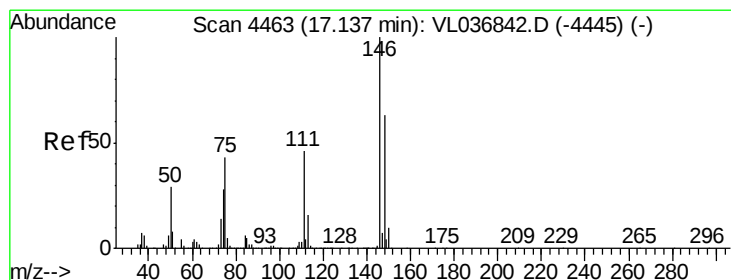
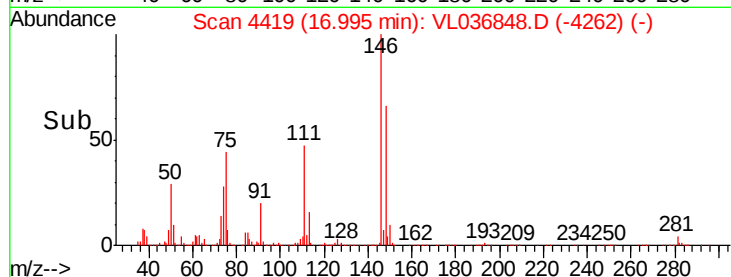
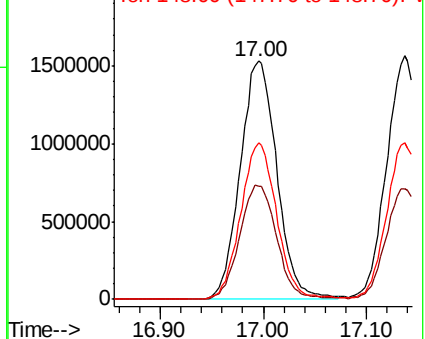


Abundance

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: 13.226 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

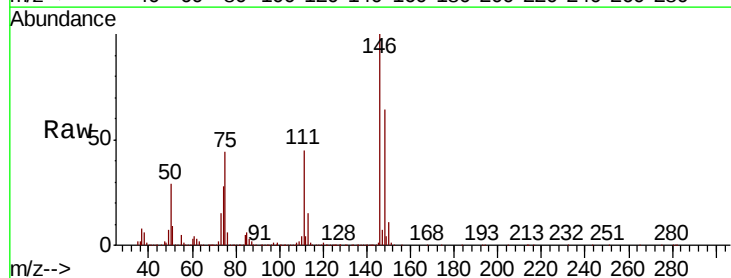
Tgt Ion:146 Resp: 3713138

Ion Ratio Lower Upper

146 100

111 46.8 24.0 72.0

148 66.3 32.8 98.3

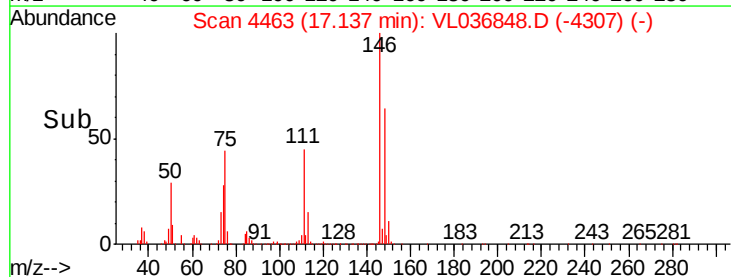
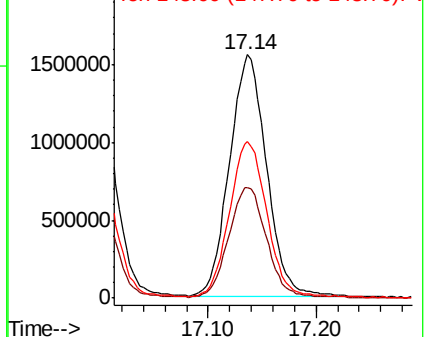


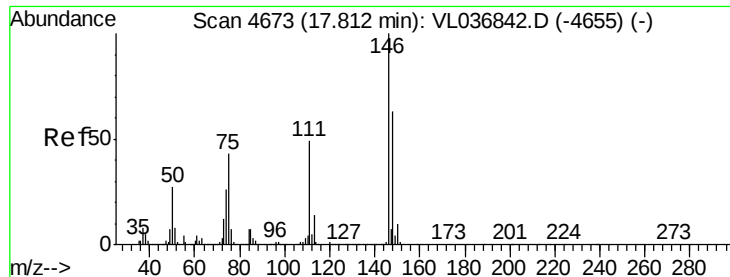
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

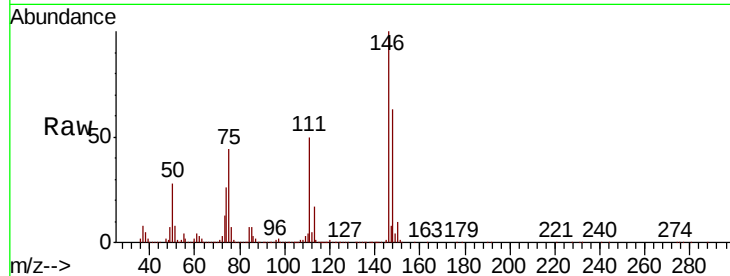
Ion 148.00 (147.70 to 148.70): V



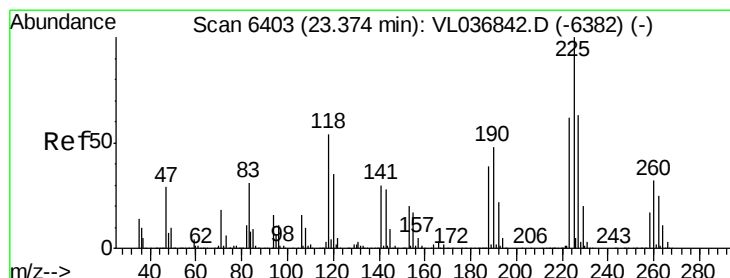
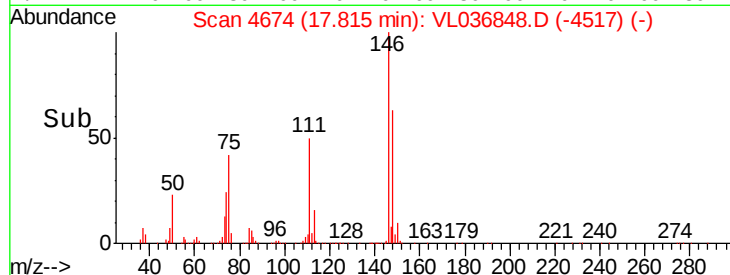
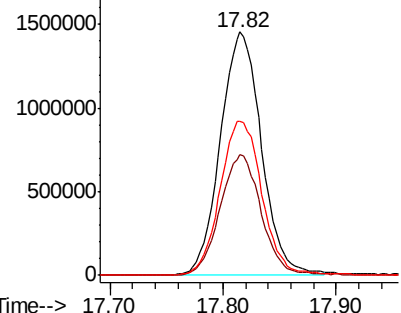


#77
 1,2-Dichlorobenzene
 Concen: 13.666 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 5:14

Tot Ion:146 Resp: 3647604
 Ion Ratio Lower Upper
 146 100
 111 50.1 25.1 75.2
 148 65.0 32.0 96.2

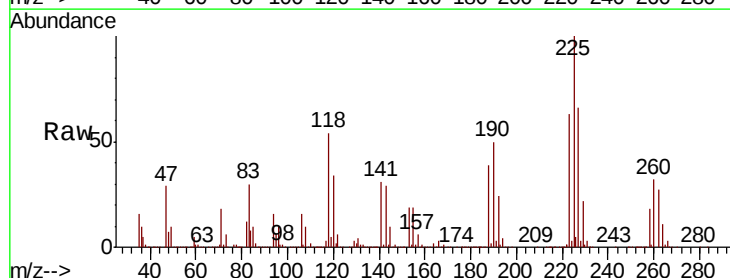


Abundance Ion 146.00 (145.70 to 146.70): V
 2000000 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

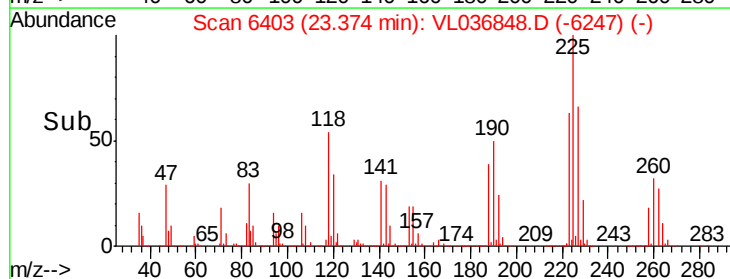
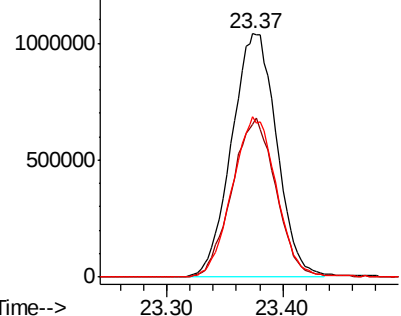


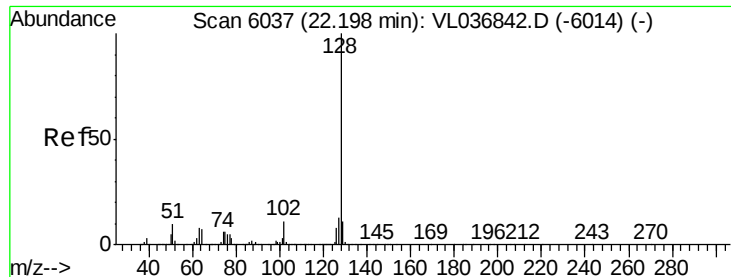
#78
 Hexachloro-1,3-Butadiene
 Concen: 11.745 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion:225 Resp: 2807208
 Ion Ratio Lower Upper
 225 100
 223 64.1 51.0 76.6
 227 65.1 51.9 77.9



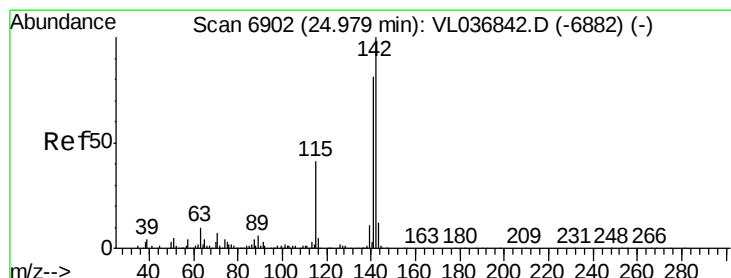
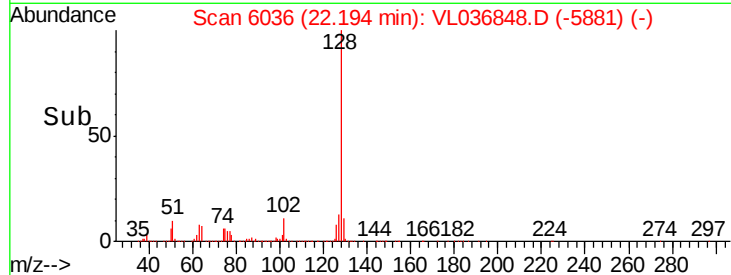
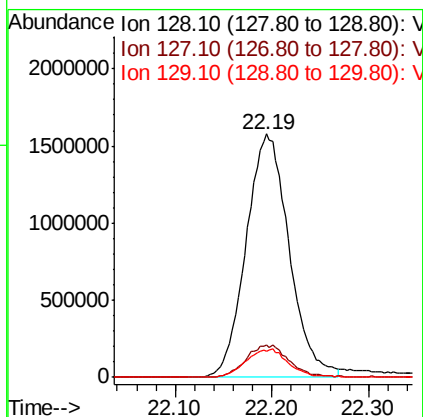
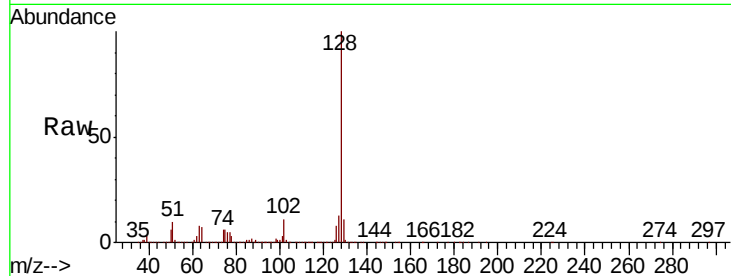
Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V





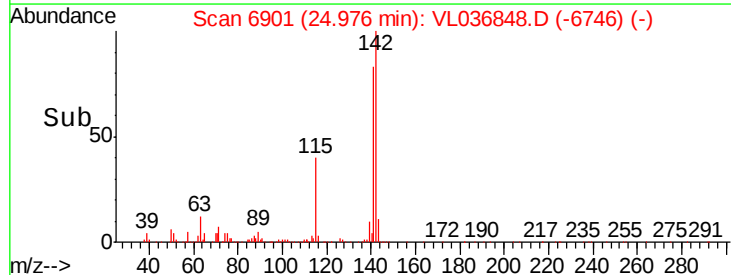
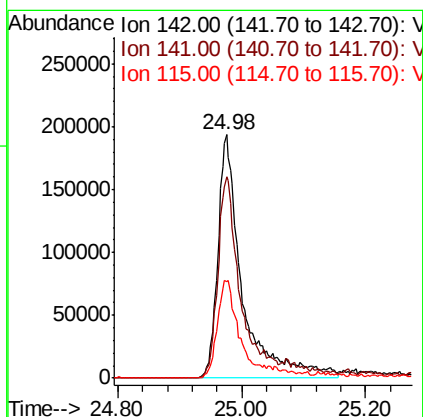
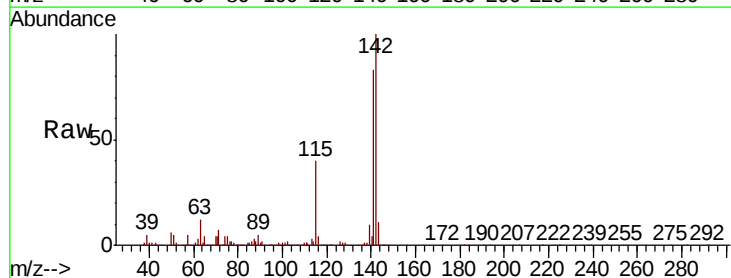
#79
Naphthalene
Concen: 16.845 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 5:14

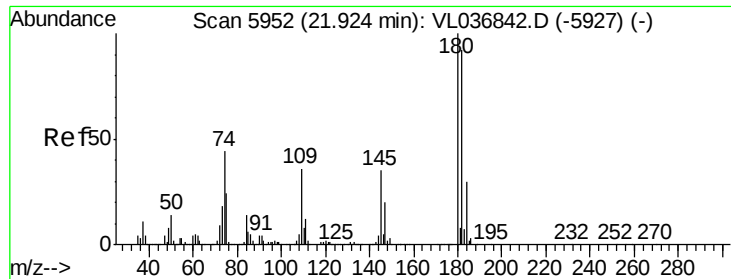
Tot Ion:128 Resp: 4861993
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.8 9.0 13.4



#80
Naphthalene, 2-methyl-
Concen: 10.942 ppbv
RT: 24.98 min Scan# 6901
Delta R.T. -0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion:142 Resp: 532113
Ion Ratio Lower Upper
142 100
141 84.6 67.8 101.8
115 39.8 32.1 48.1





#81

1,2,4-Trichlorobenzene

Concen: 15.027 ppbv

RT: 21.92

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 3.14

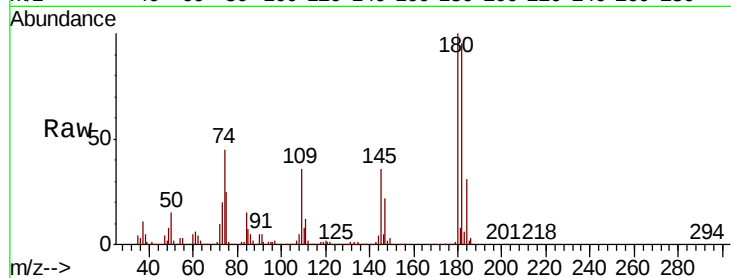
Tot Ion:180 Resp: 2688225

Ion Ratio Lower Upper

180 100

182 98.6 79.9 119.9

184 31.7 25.1 37.7



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

