

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036851.D
 Acq On : 27 Apr 2021 8:24
 Operator : SY/AP
 Sample : VL0427ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 28 05:22:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1528115	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3925934	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4428419	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3018872	8.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	2243962	9.324	ppbv	99
3) Chlorodifluoromethane	2.98	51	2597103	9.330	ppbv	100
4) Chloromethane	3.14	50	872232	9.534	ppbv	93
5) Vinyl Chloride	3.25	62	858781	9.306	ppbv	96
6) Bromomethane	3.47	94	473014	9.532	ppbv	98
7) Chloroethane	3.56	64	299508	9.877	ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	2086309	9.504	ppbv	99
9) Propene	3.01	41	810554	9.556	ppbv	98
10) Heptane	8.12	43	2162063	10.135	ppbv	98
11) Trichlorofluoromethane	3.94	101	2023663	9.420	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1381293	9.607	ppbv	99
13) Ethanol	3.61	45	28670	2.651	ppbv #	1
14) Bromoethene	3.74	108	588346	10.016	ppbv	99
15) Acetone	3.85	43	1150654	7.989	ppbv	99
16) 1,3-Butadiene	3.32	39	907981	9.859	ppbv	98
17) tert-Butyl alcohol	4.29	59	1125785	9.630	ppbv	98
18) 1,1-Dichloroethene	4.28	96	602297	9.639	ppbv	97
19) Isopropyl Alcohol	3.97	45	601686	8.431	ppbv	99
20) Methylene Chloride	4.34	84	505368	7.337	ppbv	95
21) Allyl Chloride	4.41	41	1017800	9.510	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	620673	9.898	ppbv	99
23) Vinyl Acetate	5.07	43	1831085	9.346	ppbv	97
24) 1,1-Dichloroethane	5.00	63	1316668	9.467	ppbv	98
25) Ethyl Acetate	5.67	43	3293186	9.360	ppbv	99
26) Hexane	5.68	57	1509649	9.171	ppbv	97
27) Carbon Disulfide	4.55	76	1561587	10.922	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1289424	8.838	ppbv	98
29) Chloroform	5.74	83	2439922	9.508	ppbv	98
30) Cyclohexane	7.12	84	1320363	10.115	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	1480699	10.022	ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	2457613	9.418	ppbv	100
34) 2-Butanone	5.24	43	1600223	9.305	ppbv	99
35) Carbon Tetrachloride	7.01	117	2597822	9.752	ppbv	95
36) Benzene	6.89	78	3234708	9.779	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1865274	9.958	ppbv	99
38) Trichloroethene	7.83	130	1181819	10.035	ppbv	97
39) 1,2-Dichloropropane	7.61	63	1265319	9.548	ppbv	96
40) 1,4-Dioxane	7.83	88	285867	8.933	ppbv	90
41) Tetrahydrofuran	6.05	42	758886	10.088	ppbv	99
42) Bromodichloromethane	7.78	83	2603855	10.005	ppbv	97
43) Methyl Methacrylate	8.01	69	1141663	10.577	ppbv	99

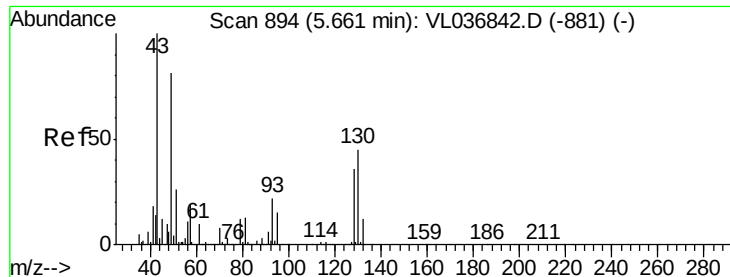
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036851.D
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Quant Time: Apr 28 05:22:39 2021
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5409328	9.542	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	1271914	10.931	ppbv	98
46) cis-1,3-Dichloropropene	8.70	75	1599086	10.719	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1286936	9.380	ppbv	98
48) Dibromochloromethane	10.30	129	2119368	10.425	ppbv	99
49) Bromoform	13.03	173	1707591	10.521	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2444318	10.398	ppbv	100
51) 2-Hexanone	10.13	43	1238807	10.566	ppbv #	99
52) Tetrachloroethene	11.22	164	1080044	9.589	ppbv	96
53) Toluene	9.80	91	3595737	10.389	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1869161	9.650	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	1426741	7.685	ppbv	99
57) Chlorobenzene	12.14	112	2659555	7.711	ppbv	99
58) Ethyl Benzene	12.70	91	4791970	8.531	ppbv	99
59) m/p-Xylene	12.99	91	4599185	9.161	ppbv #	48
60) o-Xylene	13.69	91	3855263	7.942	ppbv	99
61) Styrene	13.52	104	2189587	9.605	ppbv	100
62) Isopropylbenzene	14.66	105	5197982	7.871	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	2836108	7.289	ppbv	99
64) n-propylbenzene	15.55	120	1367412	8.308	ppbv	100
65) tert-Butylbenzene	16.74	119	4603933	7.885	ppbv	100
66) Benzyl Chloride	16.99	91	433019	7.584	ppbv	99
67) sec-Butylbenzene	17.29	105	6487373	8.001	ppbv	100
69) p-Isopropyltoluene	17.65	119	5300251	8.154	ppbv	99
70) n-Butylbenzene	18.54	91	5415376	8.265	ppbv	100
71) 2-Chlorotoluene	15.45	91	3997706	8.173	ppbv	99
72) 4-Ethyltoluene	15.83	105	4578561	8.788	ppbv	100
73) 1,3,5-Trimethylbenzene	15.99	105	4128537	8.171	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	4228938	7.879	ppbv	97
75) 1,3-Dichlorobenzene	16.99	146	2437086	7.681	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2341848	7.543	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	2358336	7.610	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1691600	6.424	ppbv	99
79) Naphthalene	22.19	128	2559312	8.514	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	244068	7.363	ppbv	94
81) 1,2,4-Trichlorobenzene	21.92	180	1511636	7.775	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 8:24

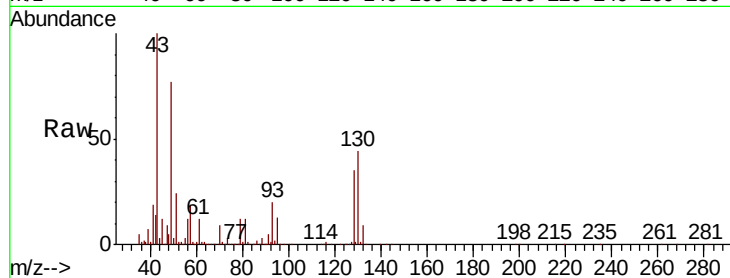
Tot Ion: 49 Resp: 1528115

Ion	Ratio	Lower	Upper
49	100		
128	49.2	24.4	73.2
130	60.2	30.3	90.8

49 100

128 49.2 24.4 73.2

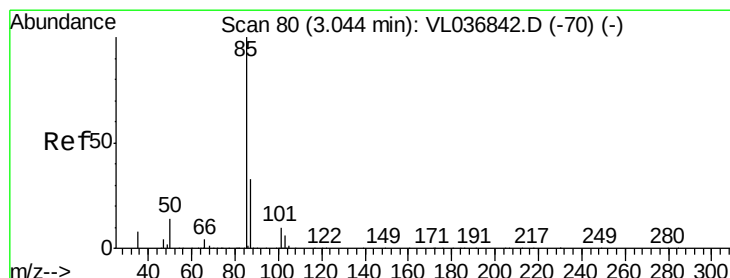
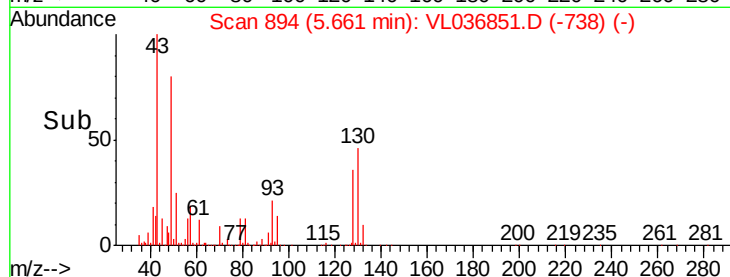
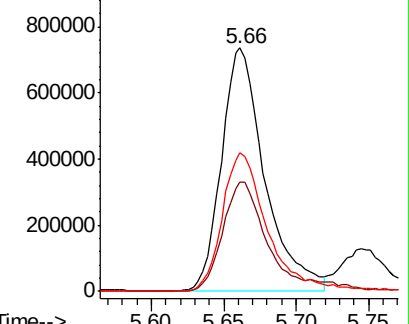
130 60.2 30.3 90.8



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: 9.324 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL036851.D

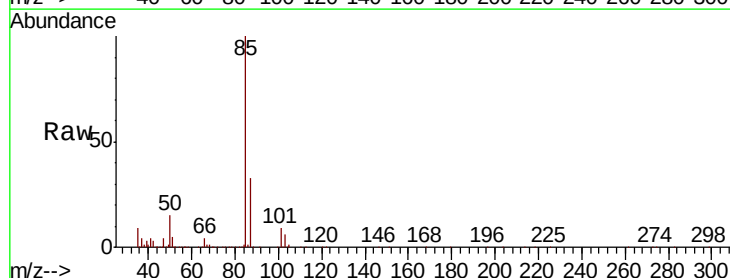
Acq: 27 Apr 2021 8:24

Tgt Ion: 85 Resp: 2243962

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.2	39.2

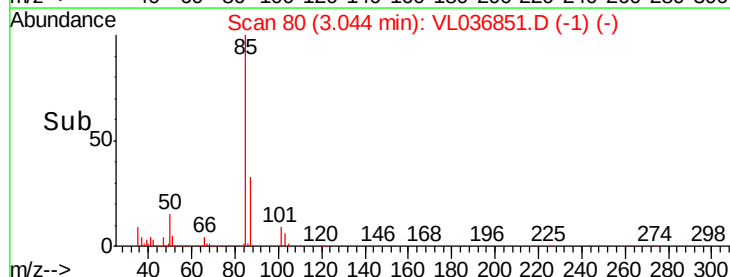
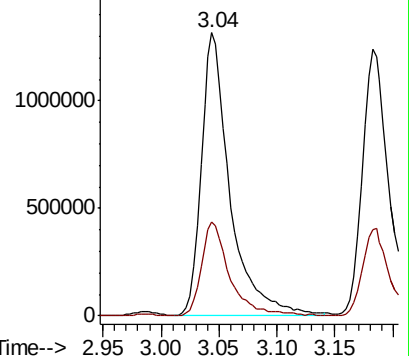
85 100

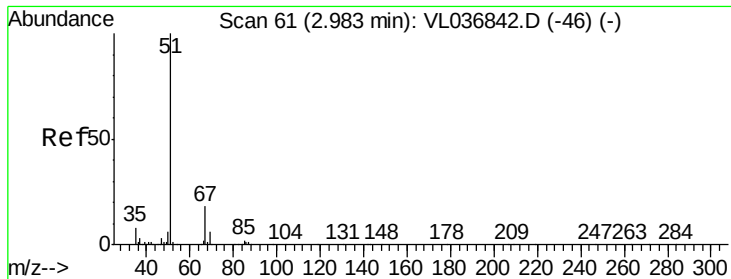
87 33.1 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.330 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

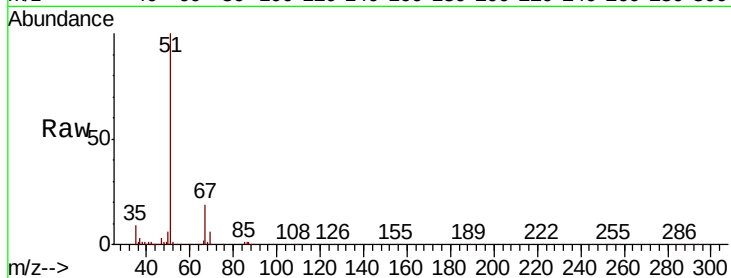
Acq: 27 Apr 2021 8:24

Tot Ion: 51 Resp: 2597103

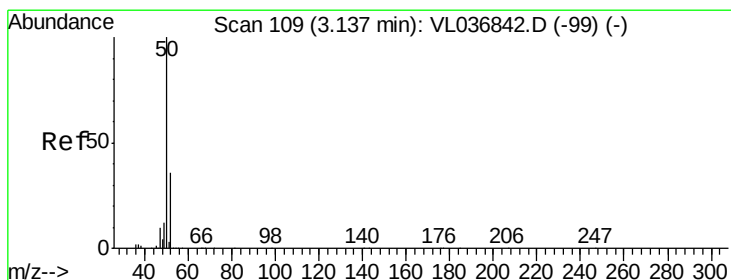
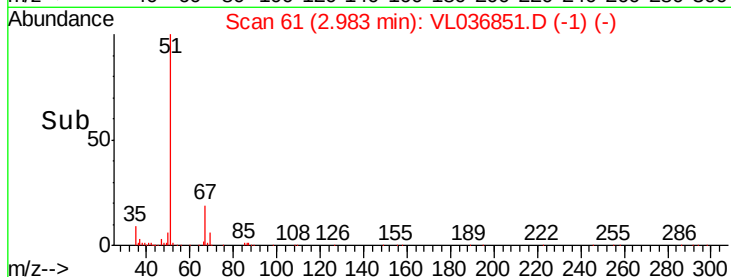
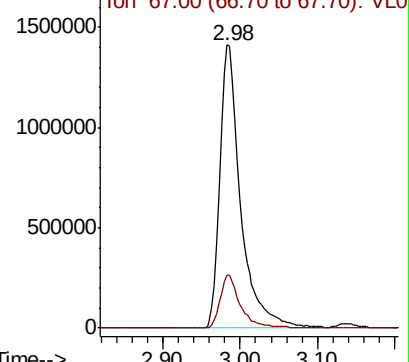
Ion Ratio Lower Upper

51 100

67 18.5 14.8 22.2



Abundance Ion 51.00 (50.70 to 51.70): VL0



#4

Chloromethane

Concen: 9.534 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL036851.D

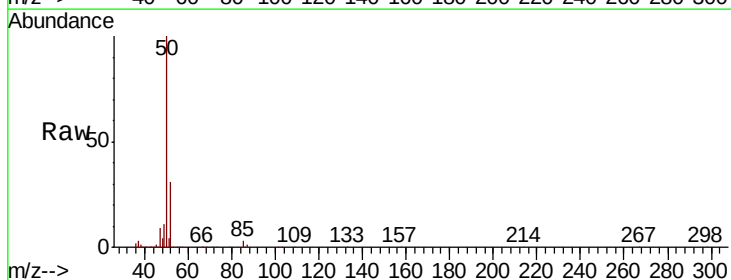
Acq: 27 Apr 2021 8:24

Tgt Ion: 50 Resp: 872232

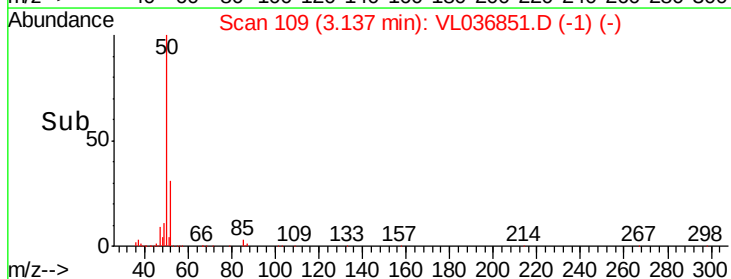
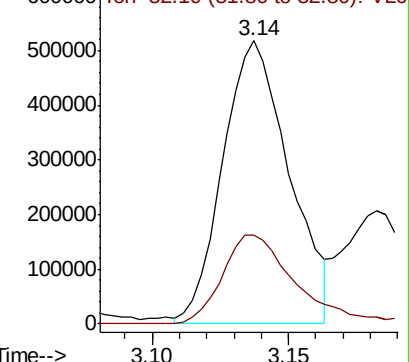
Ion Ratio Lower Upper

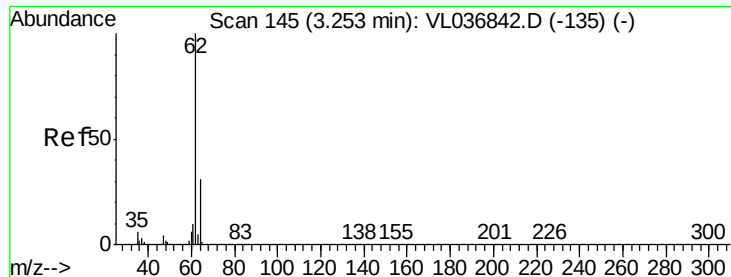
50 100

52 31.6 28.5 42.7



Abundance Ion 50.10 (49.80 to 50.80): VL0





#5

Vinyl Chloride

Concen: 9.306 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

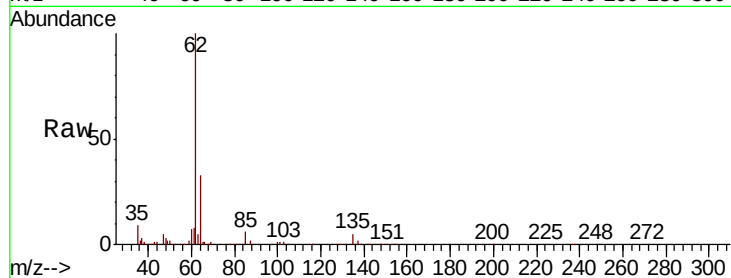
Acq: 27 Apr 2021 8:24

Tot Ion: 62 Resp: 858781

Ion Ratio Lower Upper

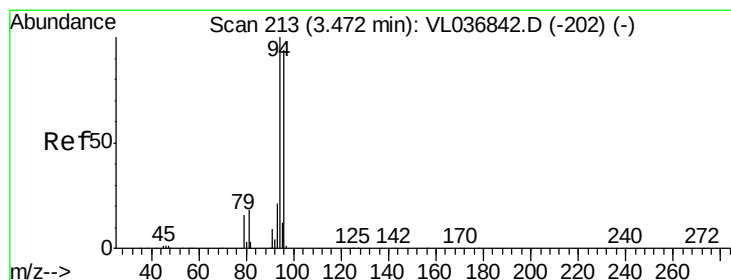
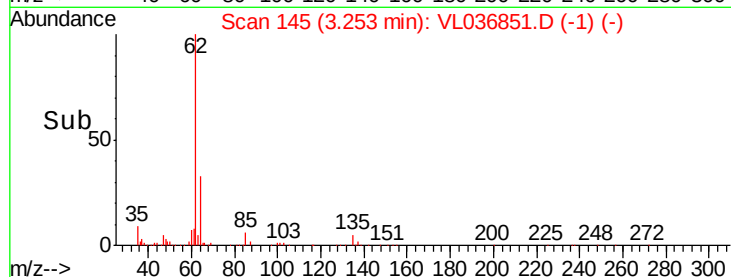
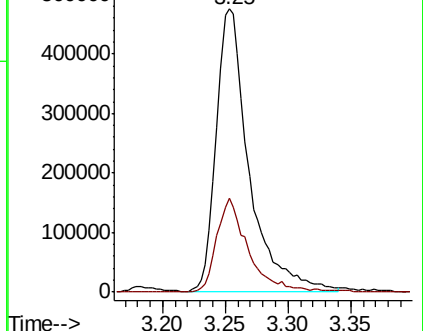
62 100

64 33.5 25.0 37.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.532 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL036851.D

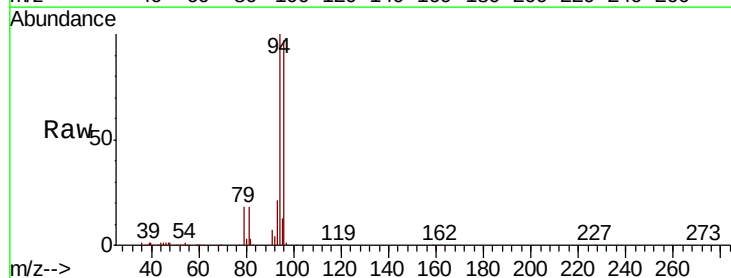
Acq: 27 Apr 2021 8:24

Tgt Ion: 94 Resp: 473014

Ion Ratio Lower Upper

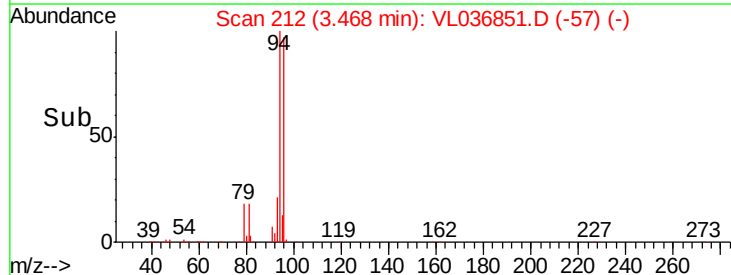
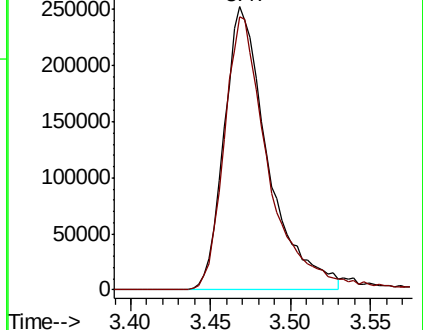
94 100

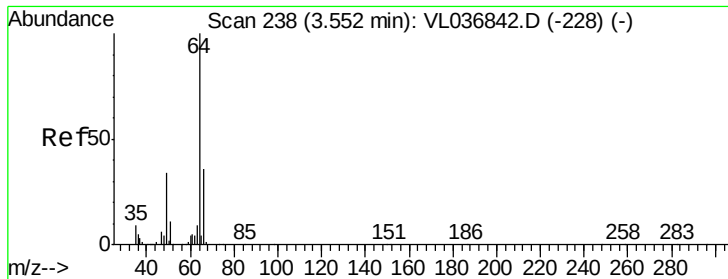
96 96.5 75.4 113.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.877 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

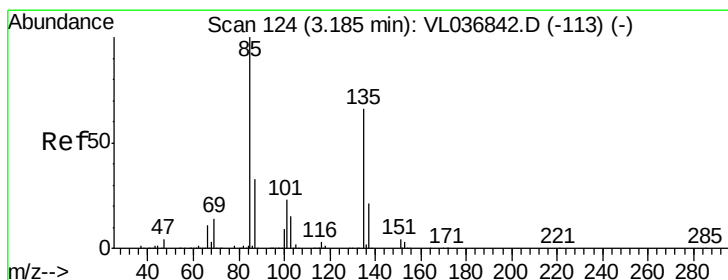
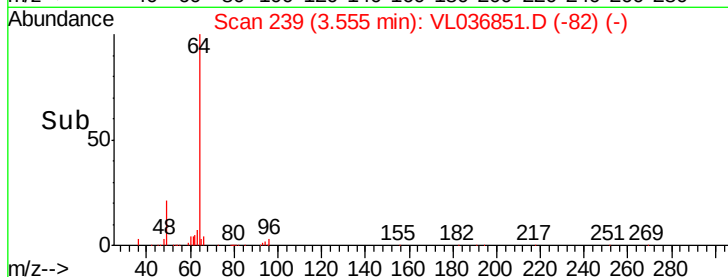
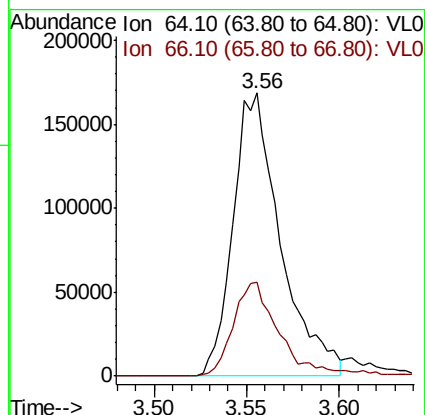
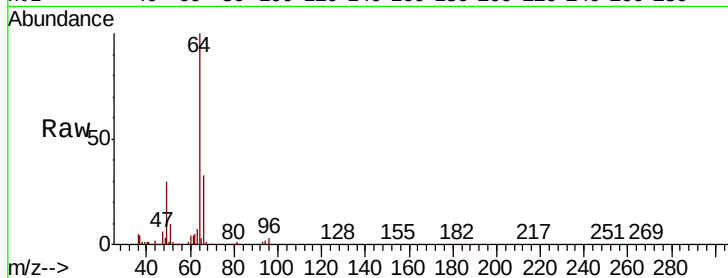
Acq: 27 Apr 2021 8:24

Tot Ion: 64 Resp: 299508

Ion Ratio Lower Upper

64 100

66 33.1 29.0 43.6



#8

Dichlorotetrafluoroethane

Concen: 9.504 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL036851.D

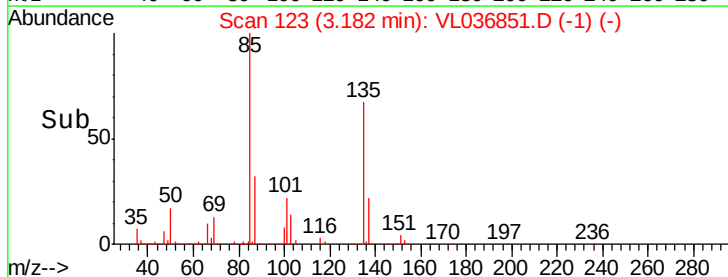
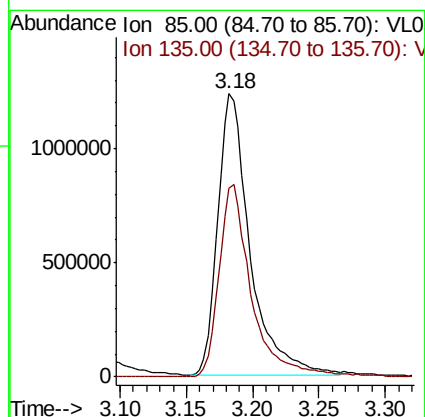
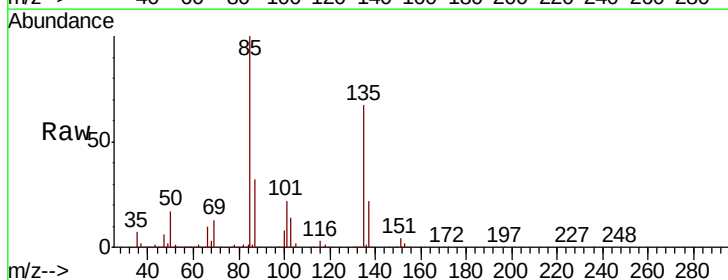
Acq: 27 Apr 2021 8:24

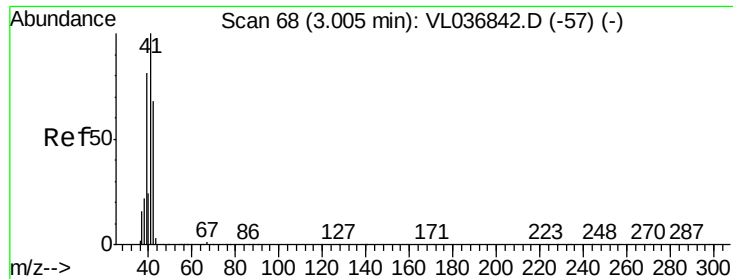
Tgt Ion: 85 Resp: 2086309

Ion Ratio Lower Upper

85 100

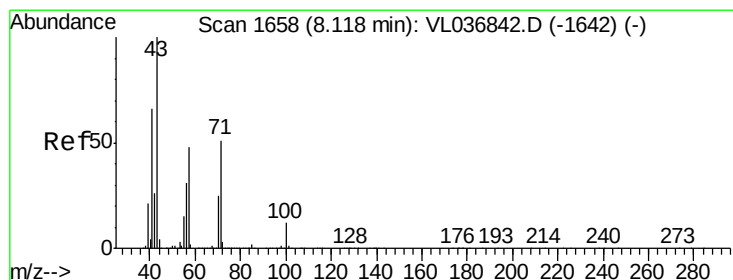
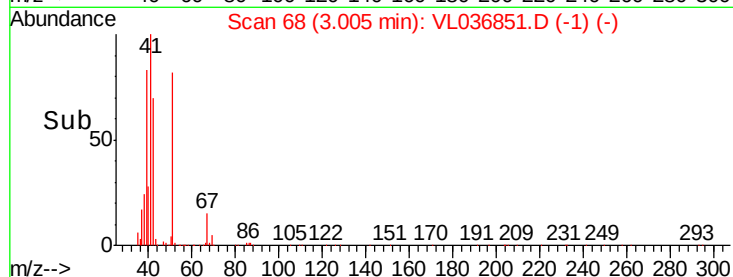
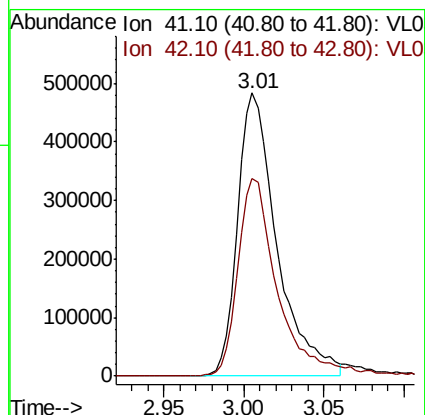
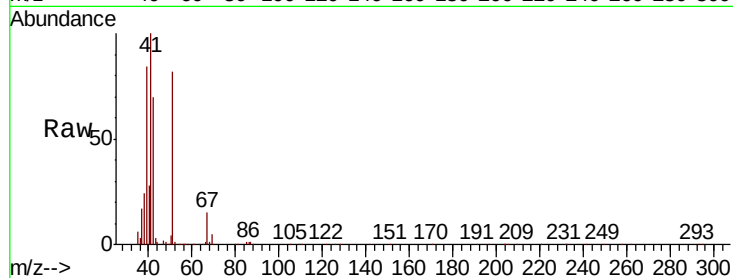
135 69.5 56.2 84.4





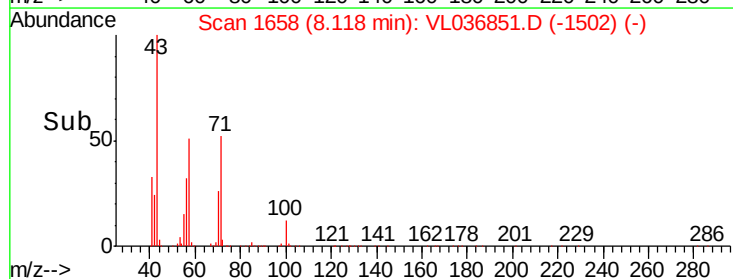
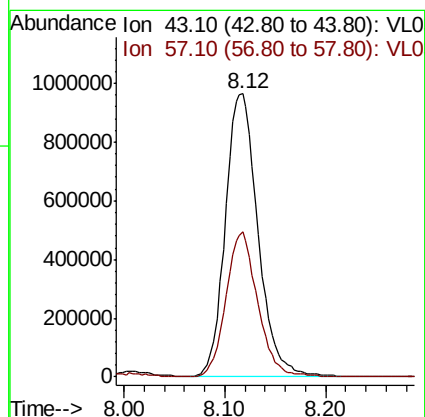
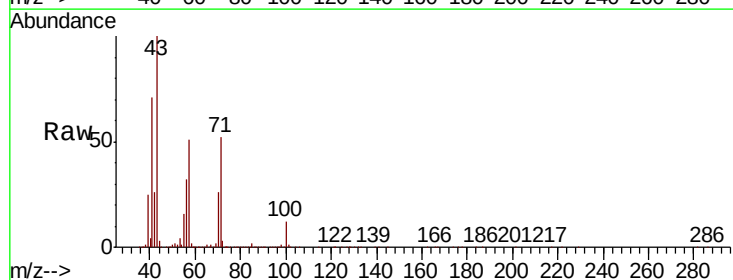
#9
 Propene
 Concen: 9.556 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 8:24

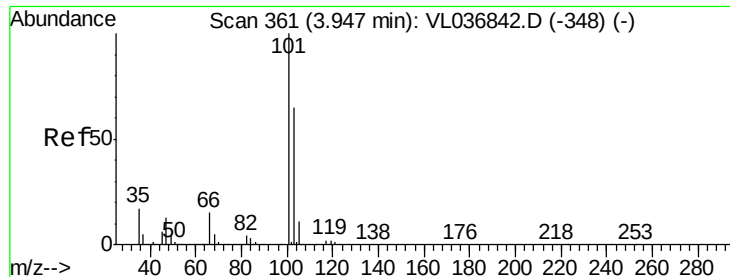
Tot Ion: 41 Resp: 810554
 Ion Ratio Lower Upper
 41 100
 42 71.6 56.0 84.0



#10
 Heptane
 Concen: 10.135 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion: 43 Resp: 2162063
 Ion Ratio Lower Upper
 43 100
 57 50.0 38.8 58.2





#11

Trichlorofluoromethane

Concen: 9.420 ppbv

RT: 3.94 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

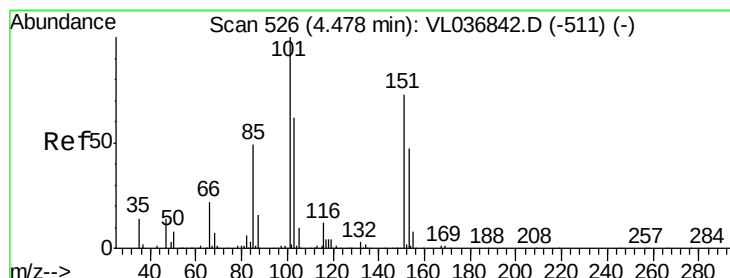
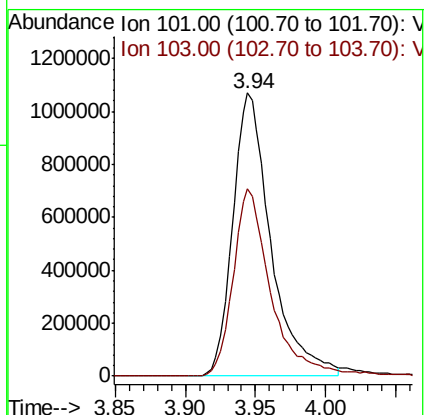
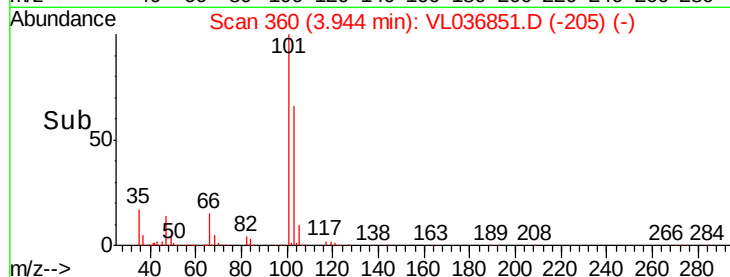
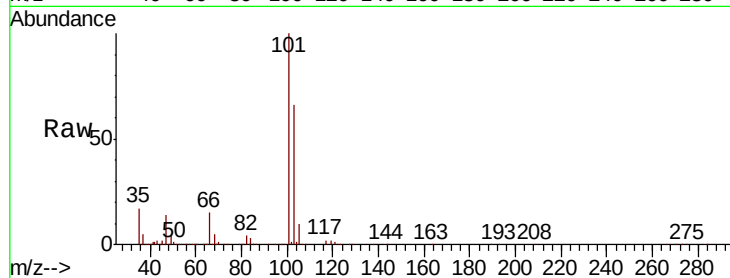
Acq: 27 Apr 2021 8:24

Tot Ion:101 Resp: 2023663

Ion Ratio Lower Upper

101 100

103 66.1 51.6 77.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.607 ppbv

RT: 4.48 min Scan# 527

Delta R.T. 0.00 min

Lab File: VL036851.D

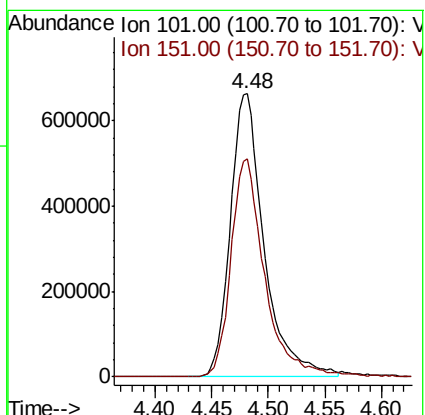
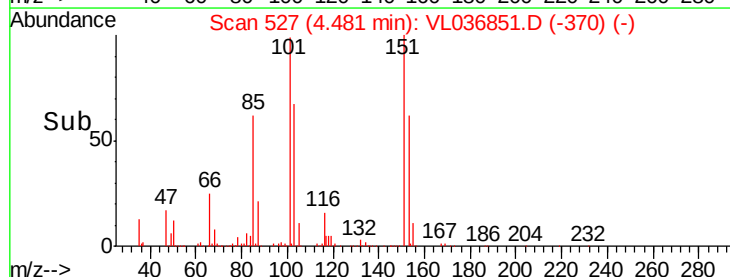
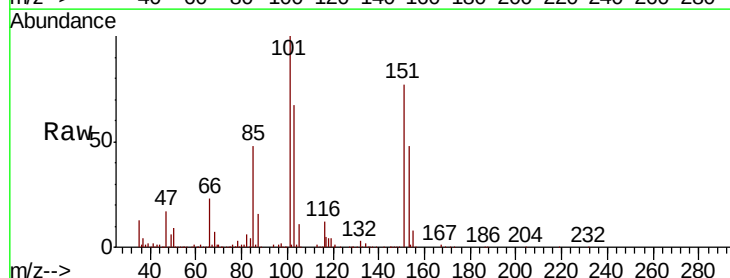
Acq: 27 Apr 2021 8:24

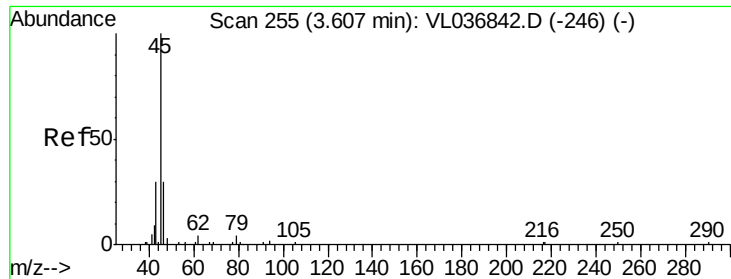
Tgt Ion:101 Resp: 1381293

Ion Ratio Lower Upper

101 100

151 77.5 61.1 91.7





#13

Ethanol

Concen: 2.651 ppbv

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

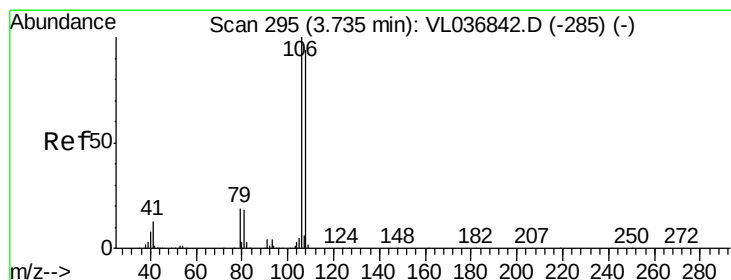
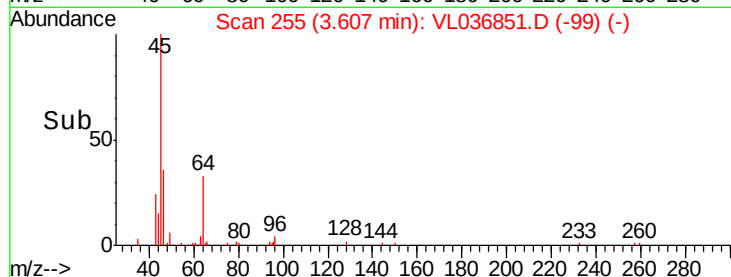
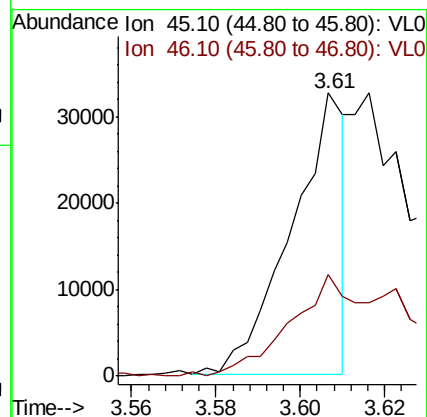
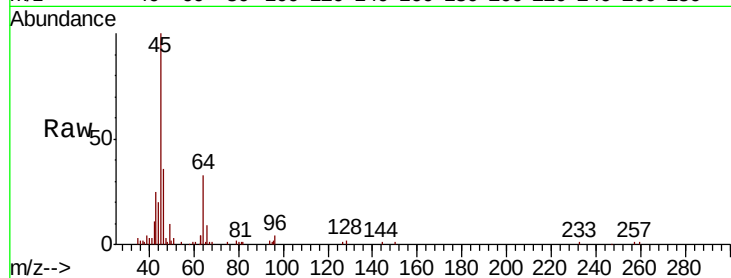
Acq: 27 Apr 2021 8:24

Tot Ion: 45 Resp: 28670

Ion Ratio Lower Upper

45 100

46 108.5 16.8 67.4#



#14

Bromoethene

Concen: 10.016 ppbv

RT: 3.74 min Scan# 295

Delta R.T. 0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

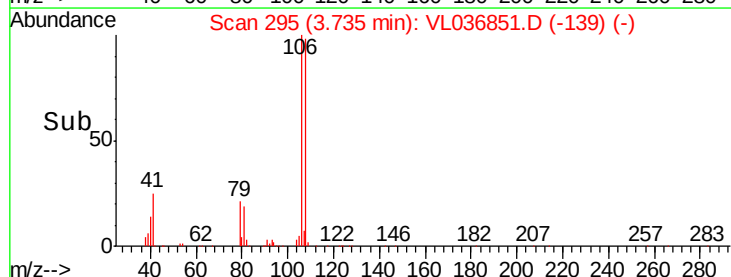
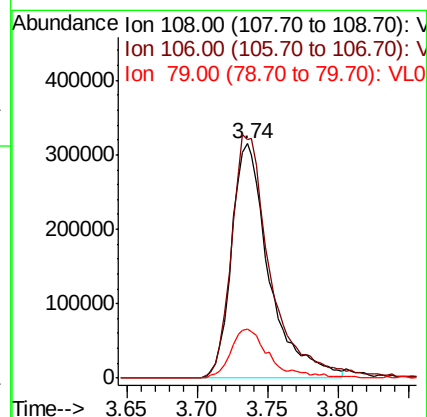
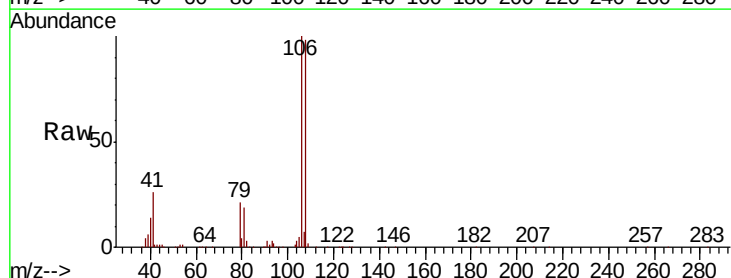
Tgt Ion: 108 Resp: 588346

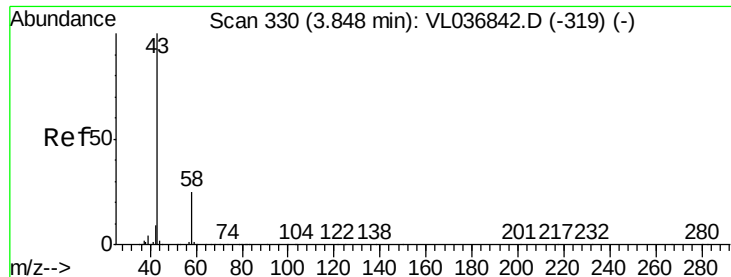
Ion Ratio Lower Upper

108 100

106 109.2 88.5 132.7

79 22.5 17.9 26.9





#15

Acetone

Concen: 7.989 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

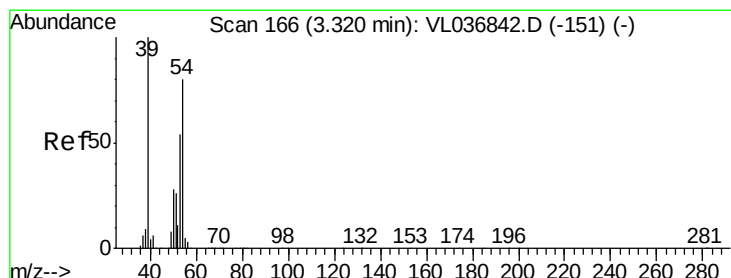
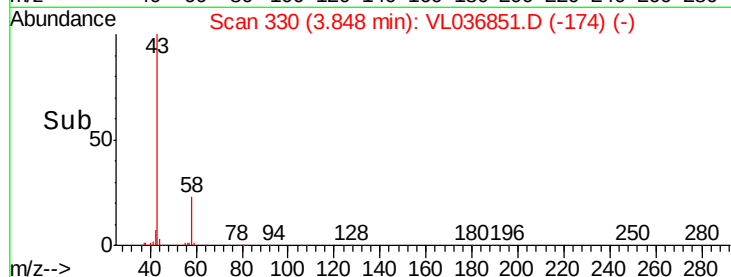
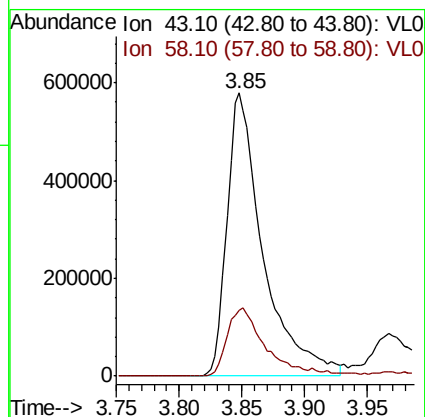
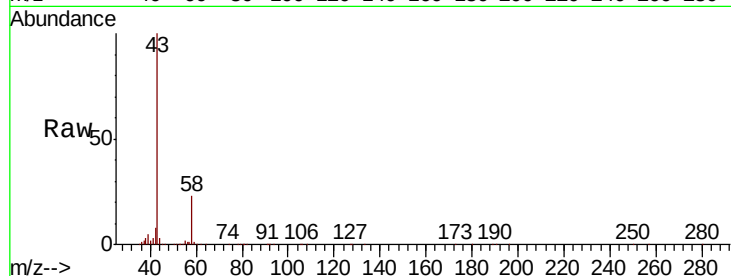
Acq: 27 Apr 2021 8:24

Tot Ion: 43 Resp: 1150654

Ion Ratio Lower Upper

43 100

58 26.4 21.7 32.5



#16

1,3-Butadiene

Concen: 9.859 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL036851.D

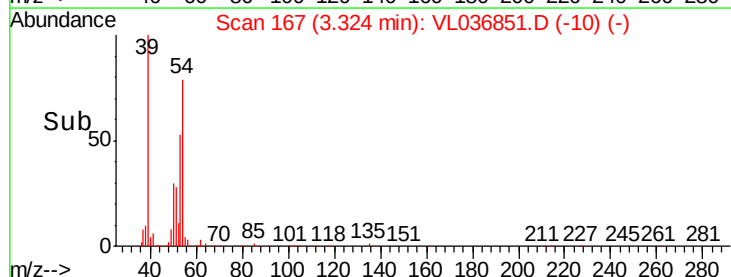
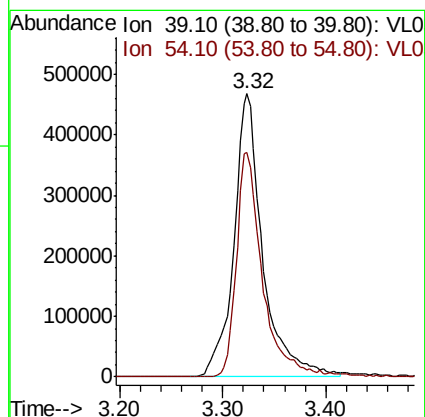
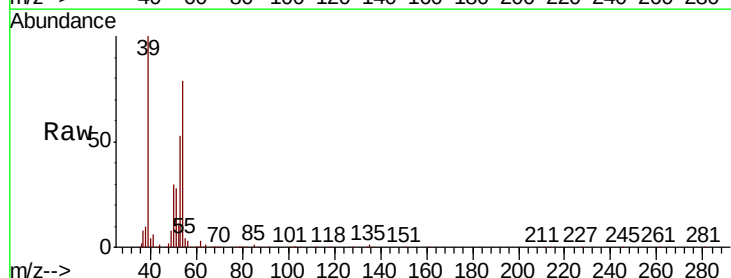
Acq: 27 Apr 2021 8:24

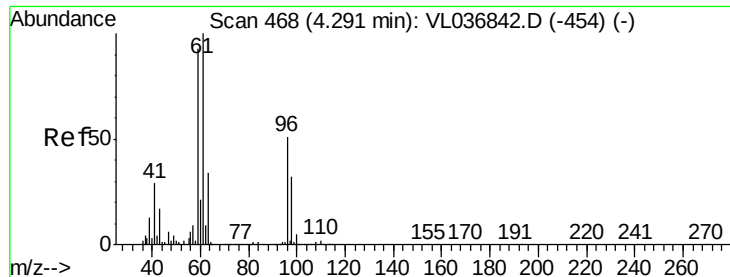
Tgt Ion: 39 Resp: 907981

Ion Ratio Lower Upper

39 100

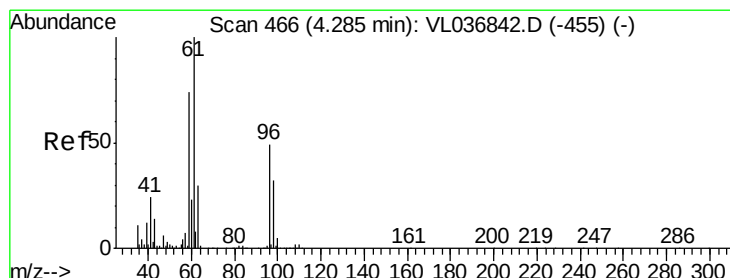
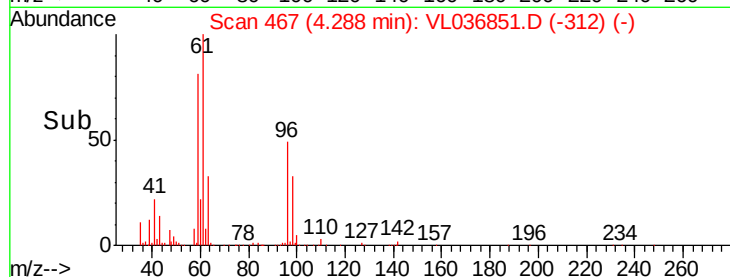
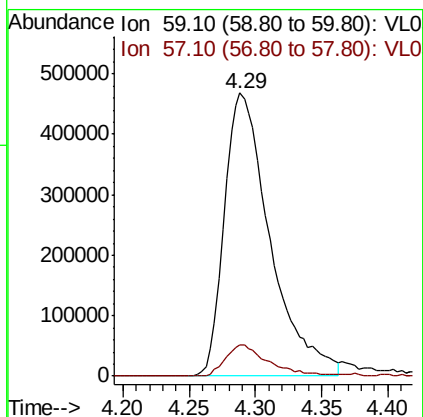
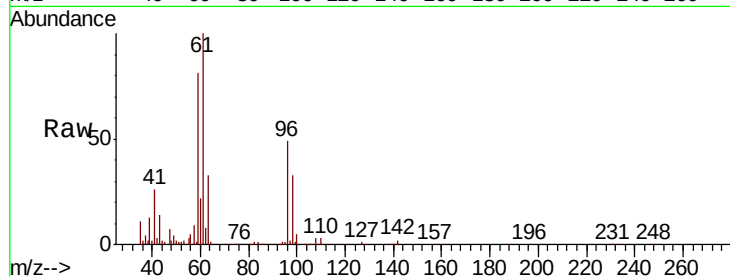
54 73.2 59.6 89.4





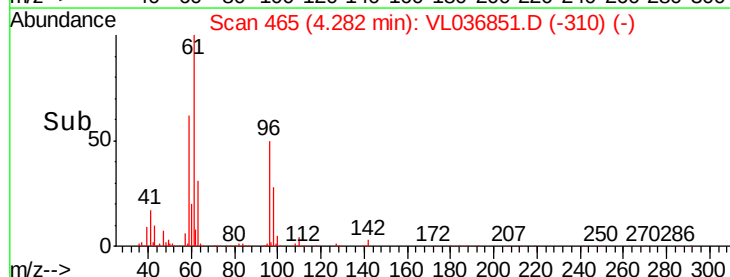
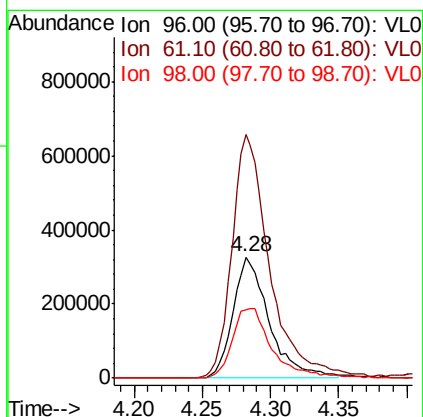
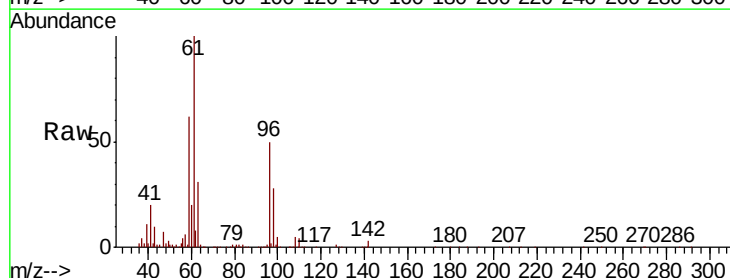
#17
 tert-Butyl alcohol
 Concen: 9.630 ppbv
 RT: 4.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 8:24

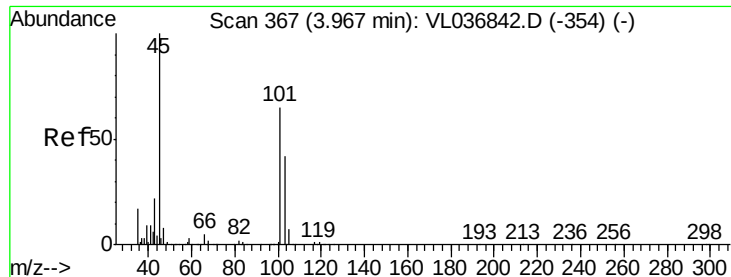
Tot Ion: 59 Resp: 1125785
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.3 12.5



#18
 1,1-Dichloroethene
 Concen: 9.639 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion: 96 Resp: 602297
 Ion Ratio Lower Upper
 96 100
 61 201.5 162.2 243.2
 98 56.9 51.8 77.6





#19

Isopropyl Alcohol

Concen: 8.431 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

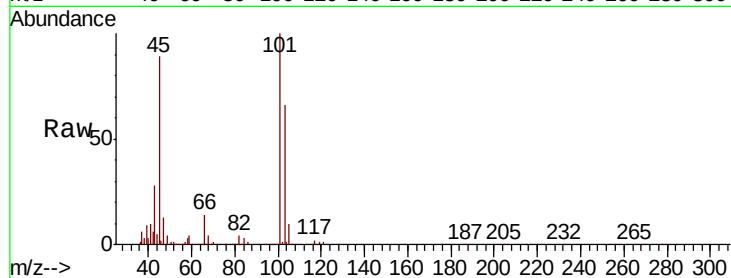
Acq: 27 Apr 2021 8:24

Tot Ion: 45 Resp: 601686

Ion Ratio Lower Upper

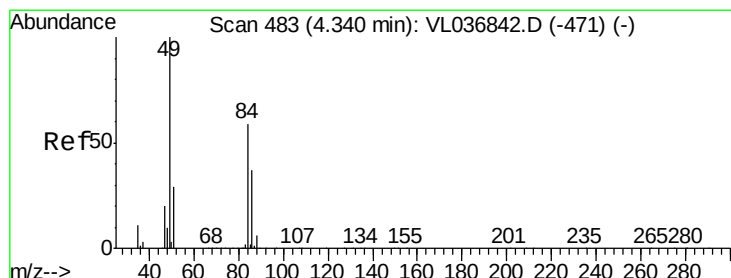
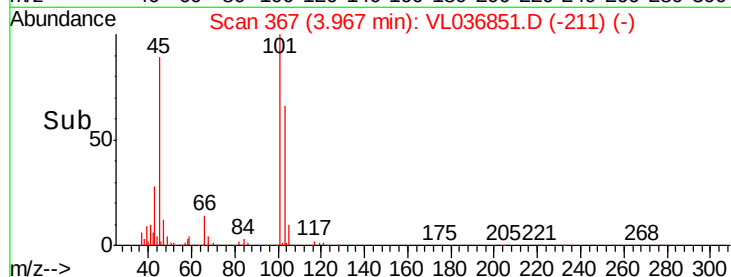
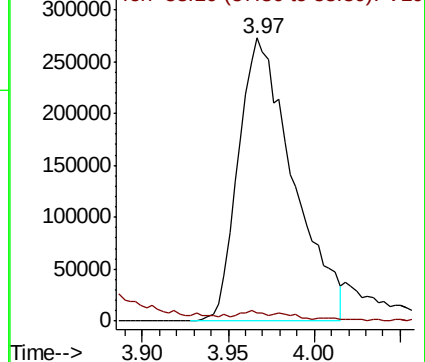
45 100

58 3.8 2.8 4.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 7.337 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

Tgt Ion: 84 Resp: 505368

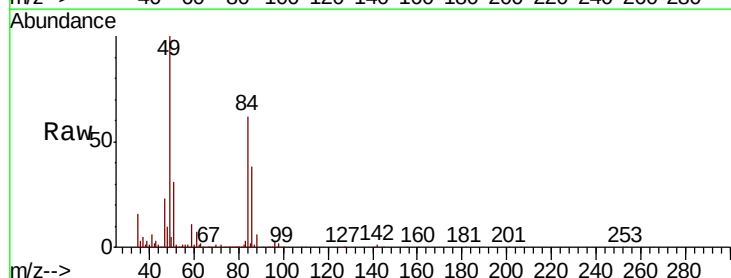
Ion Ratio Lower Upper

84 100

49 160.0 135.4 203.0

51 47.1 39.3 58.9

86 61.9 50.2 75.2

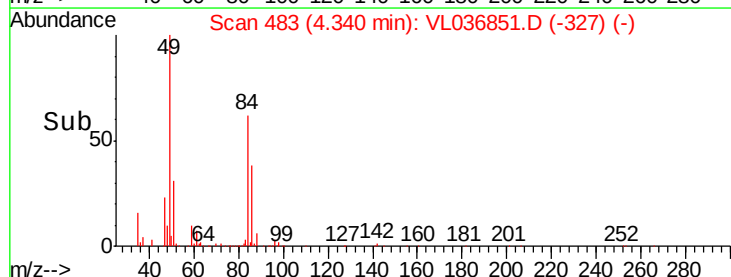
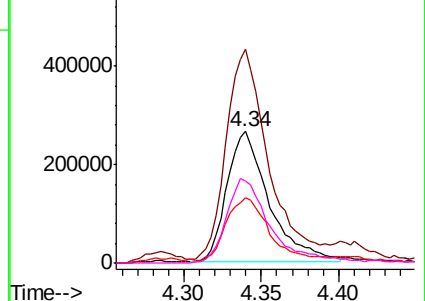


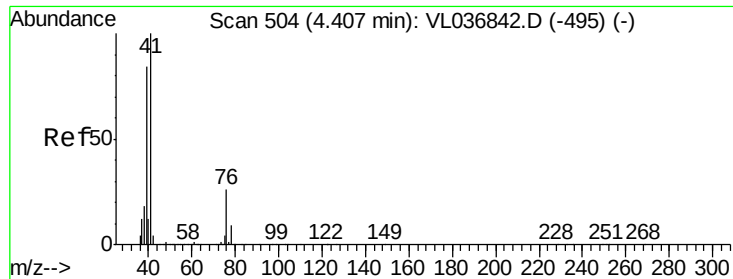
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

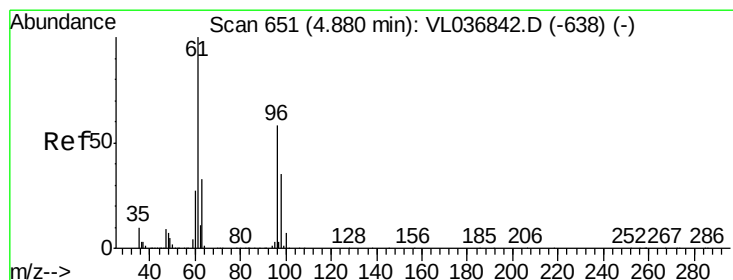
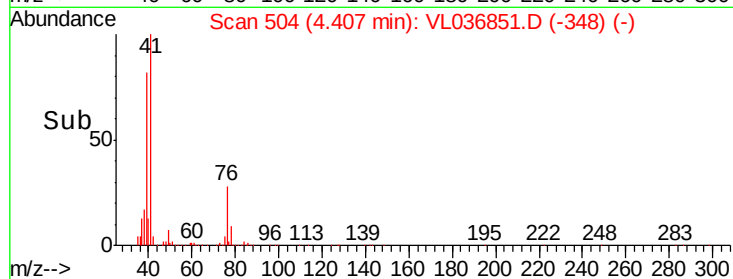
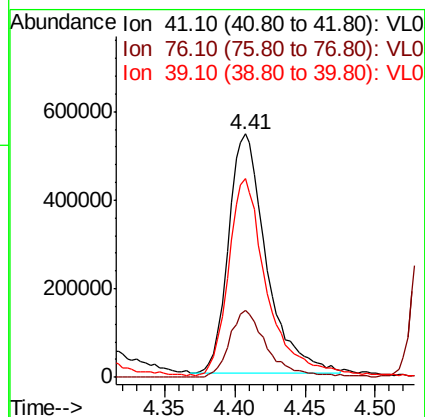
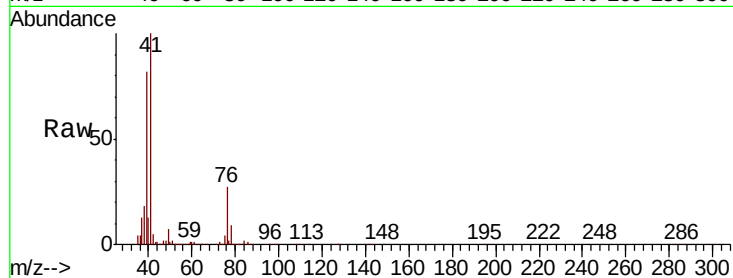
Ion 86.00 (85.70 to 86.70): VL0





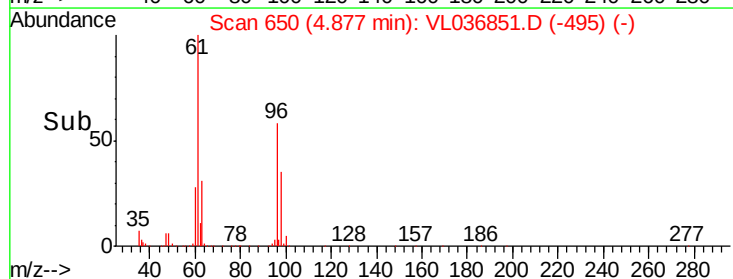
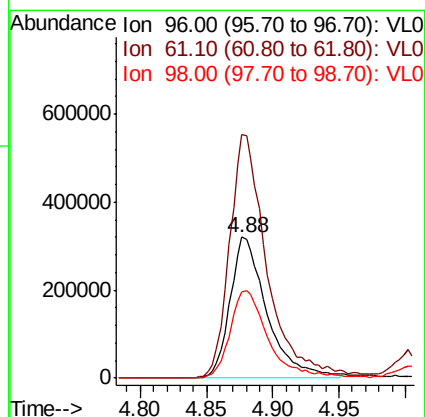
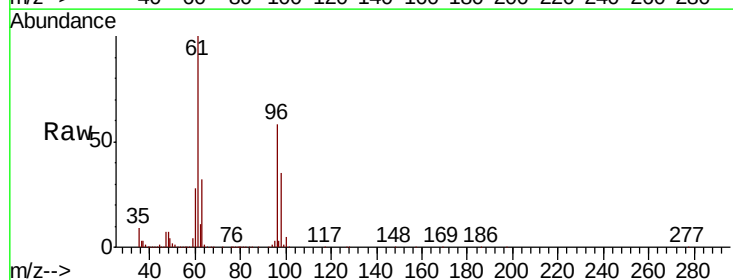
#21
 Allvl Chloride
 Concen: 9.510 ppbv
 RT: 4.41 Instrument :
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 8:24

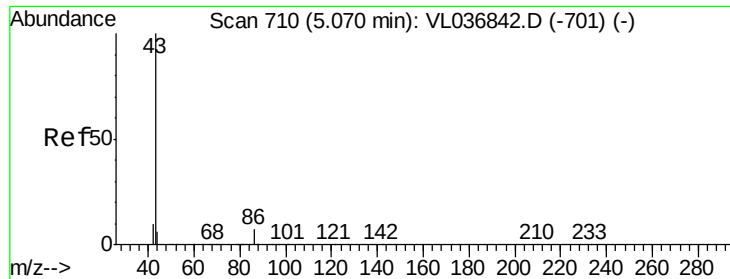
Tot Ion: 41 Resp: 1017800
 Ion Ratio Lower Upper
 41 100
 76 28.0 22.4 33.6
 39 84.0 68.4 102.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.898 ppbv
 RT: 4.88 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion: 96 Resp: 620673
 Ion Ratio Lower Upper
 96 100
 61 172.6 138.6 207.8
 98 60.9 48.1 72.1





#23

Vinyl Acetate

Concen: 9.346 ppbv

RT: 5.07 Instrument:

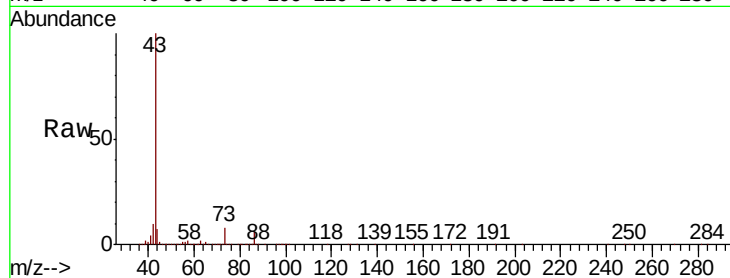
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

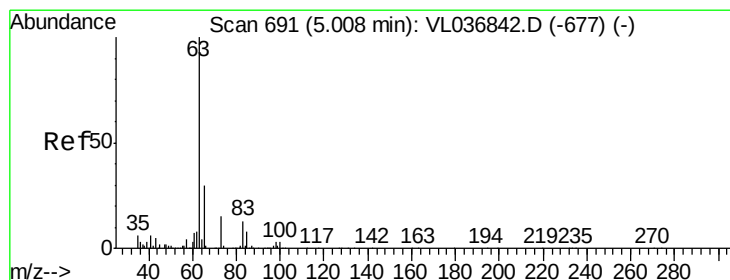
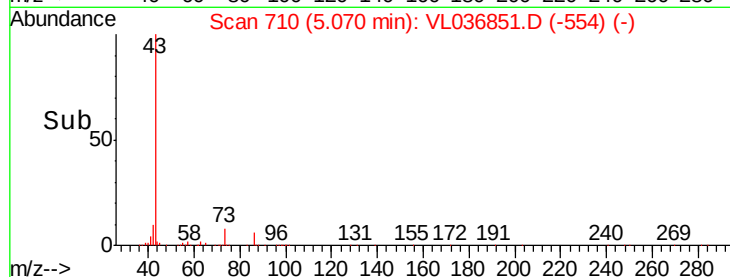
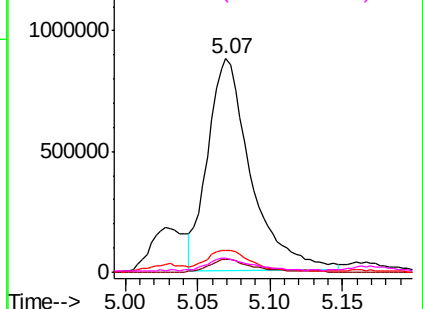
Acq: 27 Apr 2021 8:24

Tot Ion: 43 Resp: 1831085

Ion	Ratio	Lower	Upper
43	100		
86	5.7	5.3	7.9
42	9.7	8.7	13.1
44	5.8	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: 9.467 ppbv

RT: 5.00 min Scan# 689

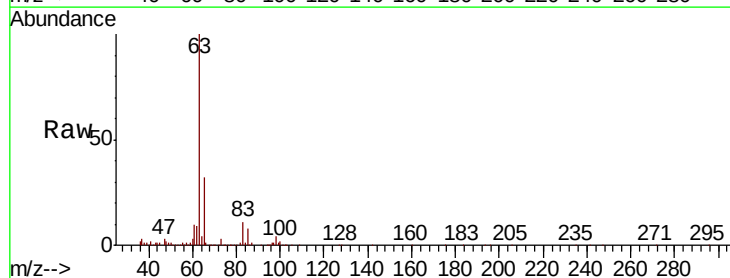
Delta R.T. -0.01 min

Lab File: VL036851.D

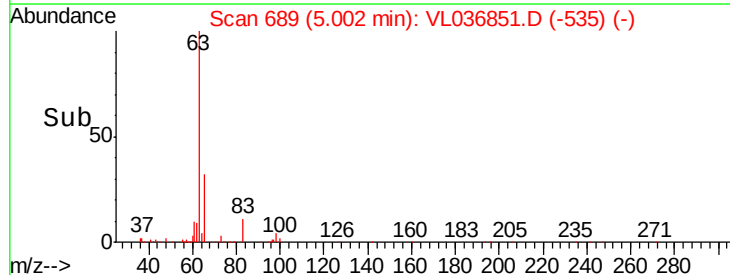
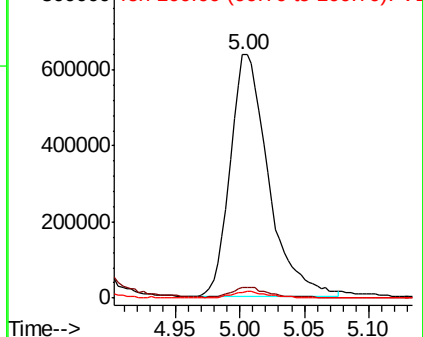
Acq: 27 Apr 2021 8:24

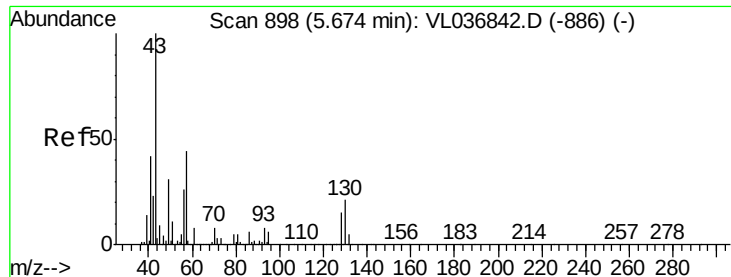
Tgt Ion: 63 Resp: 1316668

Ion	Ratio	Lower	Upper
63	100		
98	4.1	1.7	5.1
100	2.1	1.3	3.8



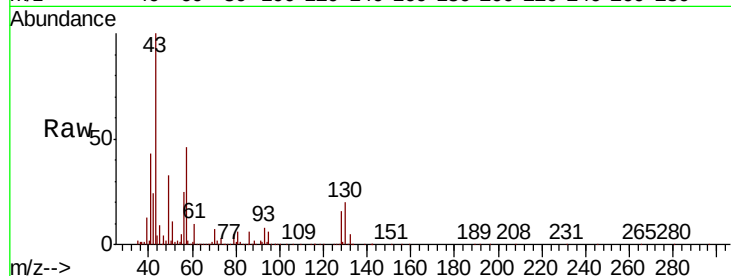
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0
 Ion 100.00 (99.70 to 100.70): VL0





#25
Ethyl Acetate
Concen: 9.360 ppbv
RT: 5.67 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:	43	Resp:	3293186
Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.8	11.8
61	9.6	7.4	11.0
70	6.4	5.4	8.0



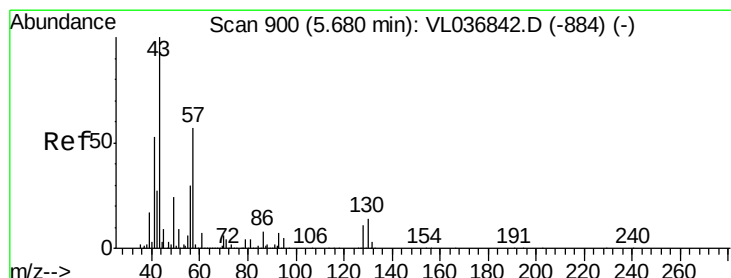
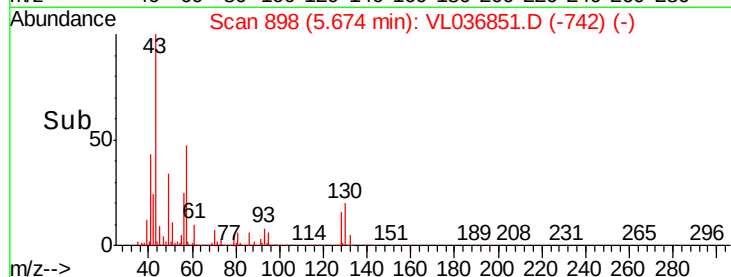
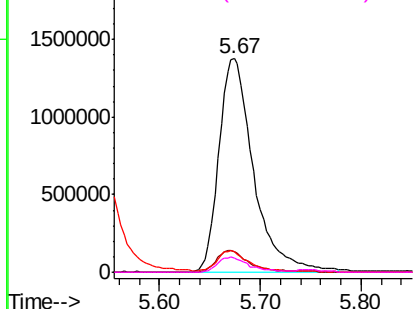
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

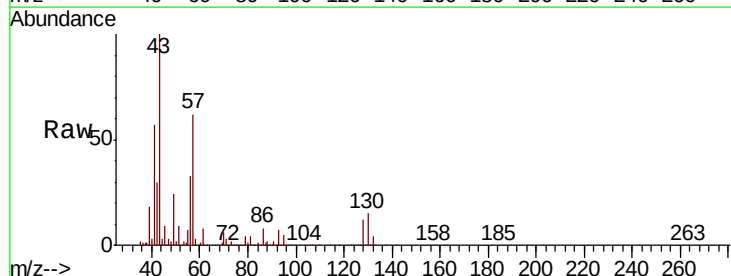
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.171 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion:	57	Resp:	1509649
Ion	Ratio	Lower	Upper
57	100		
41	95.7	77.7	116.5
43	219.7	180.5	270.7
56	54.9	44.6	66.8



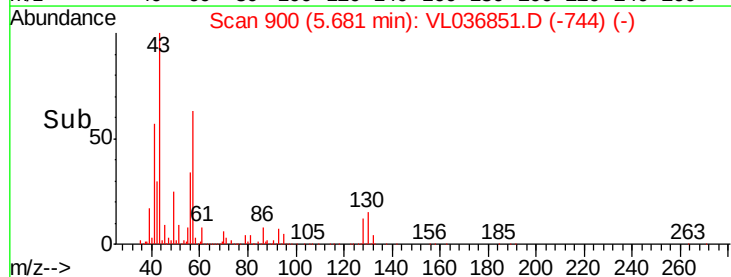
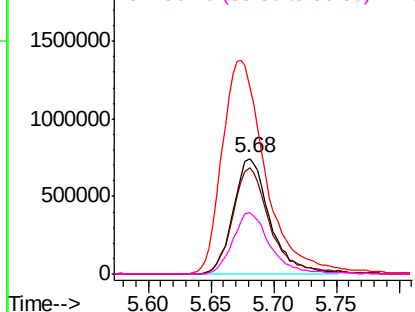
Abundance

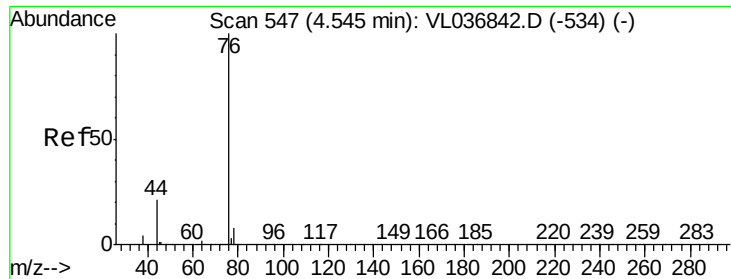
Ion 57.10 (56.80 to 57.80): VL0

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: 10.922 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 8:24

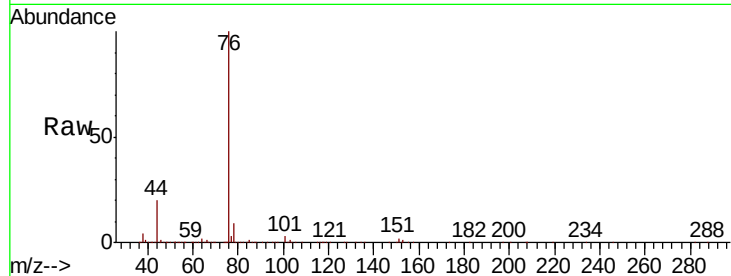
Tot Ion: 76 Resp: 1561587

Ion Ratio Lower Upper

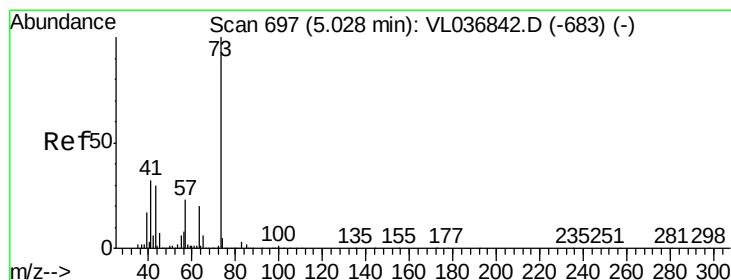
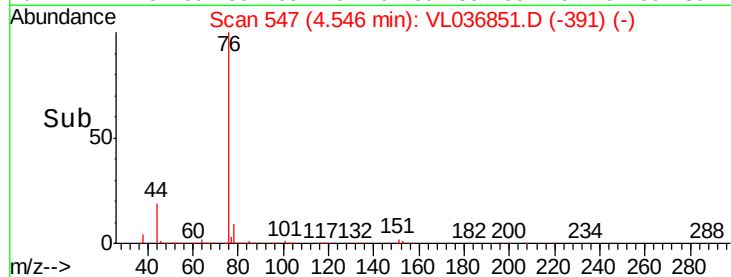
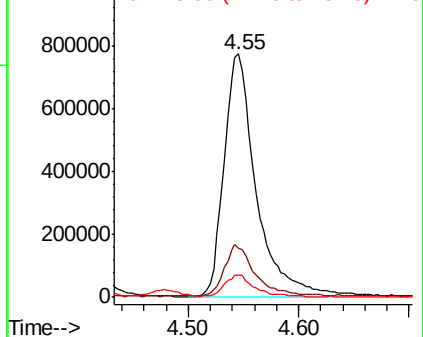
76 100

44 21.1 16.9 25.3

78 8.7 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: 8.838 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.00 min

Lab File: VL036851.D

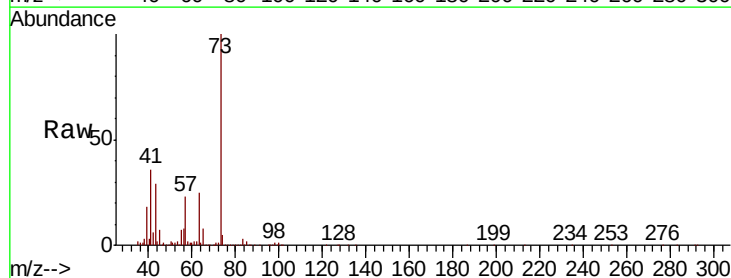
Acq: 27 Apr 2021 8:24

Tgt Ion: 73 Resp: 1289424

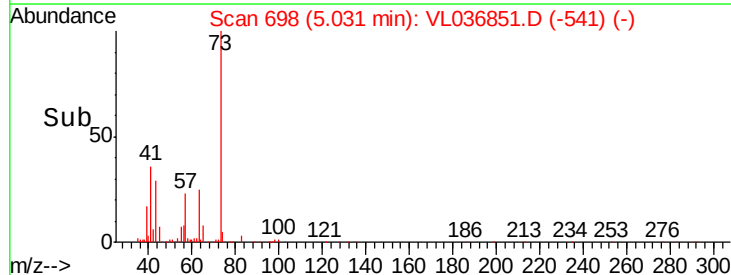
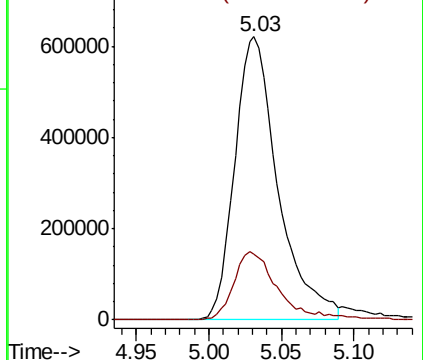
Ion Ratio Lower Upper

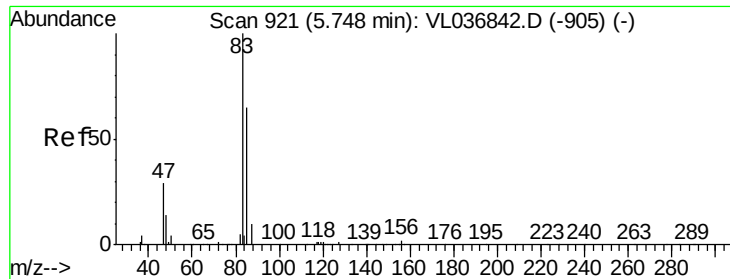
73 100

57 25.0 19.0 28.6



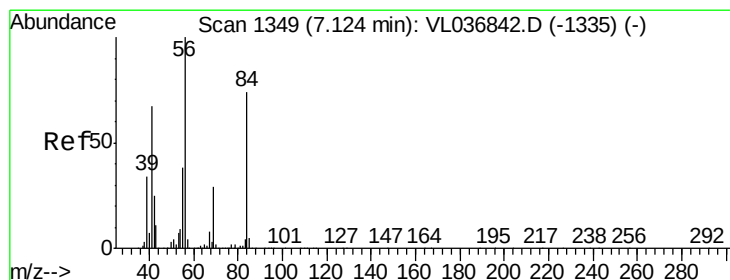
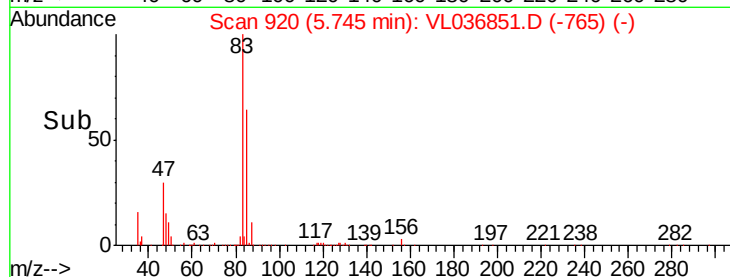
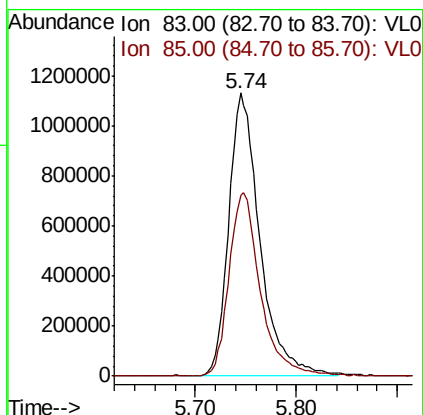
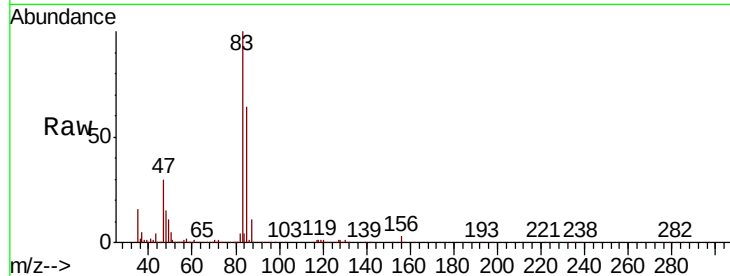
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





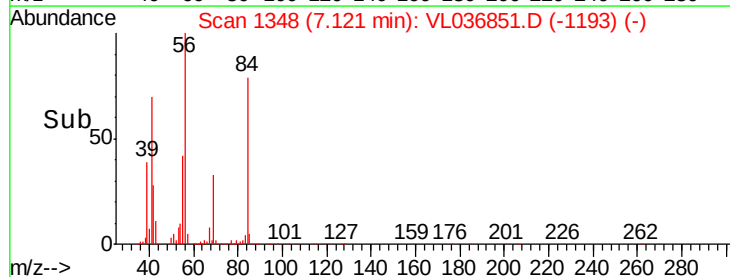
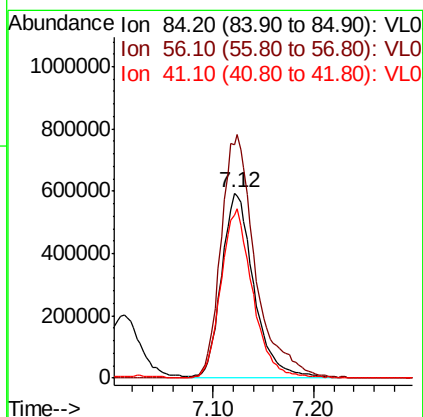
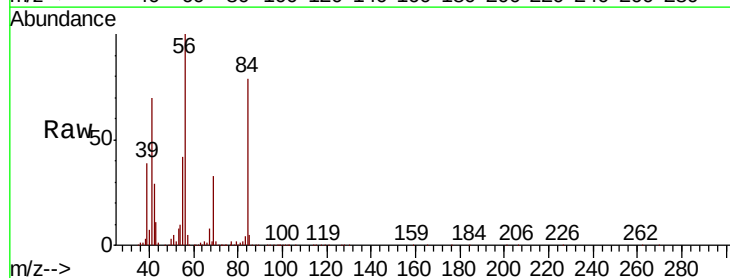
#29
Chloroform
Concen: 9.508 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

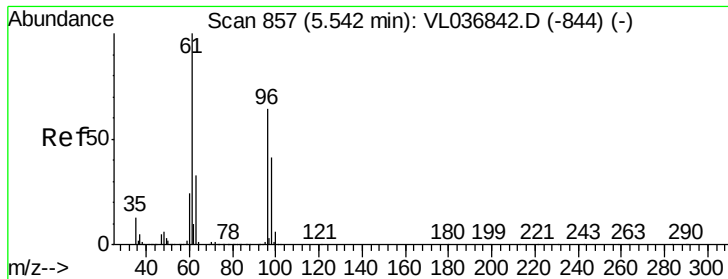
Tot Ion: 83 Resp: 2439922
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4



#30
Cyclohexane
Concen: 10.115 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 84 Resp: 1320363
Ion Ratio Lower Upper
84 100
56 141.3 115.8 173.6
41 90.5 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 10.022 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 8:24

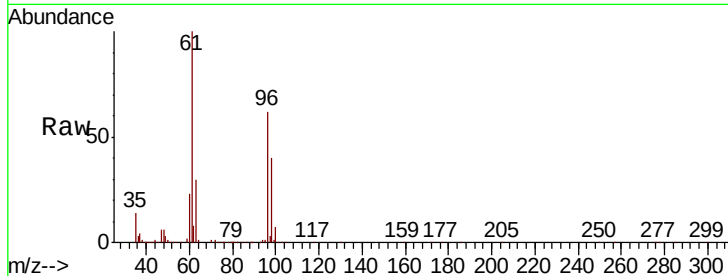
Tot Ion: 61 Resp: 1480699

Ion Ratio Lower Upper

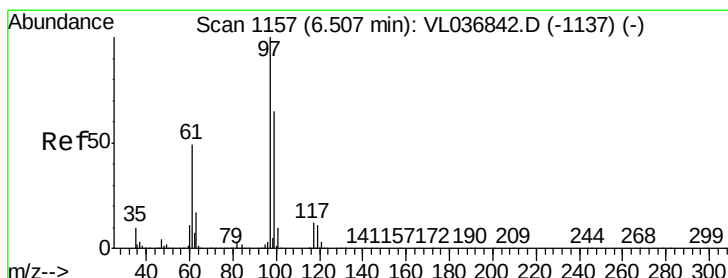
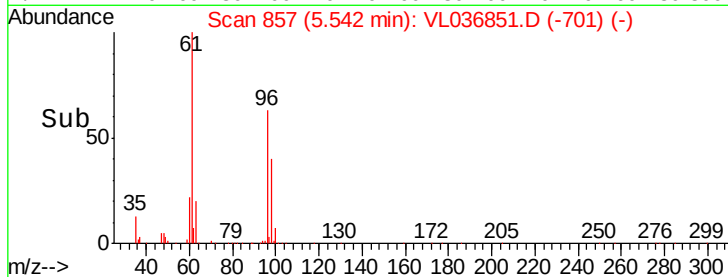
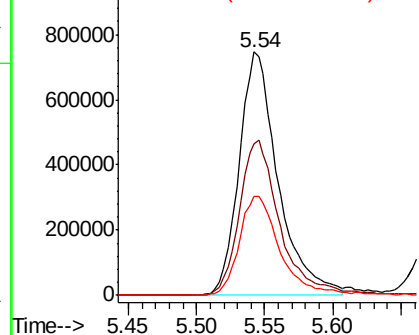
61 100

96 62.0 51.0 76.6

98 40.5 32.7 49.1



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



#32

1,1,1-Trichloroethane

Concen: 9.418 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

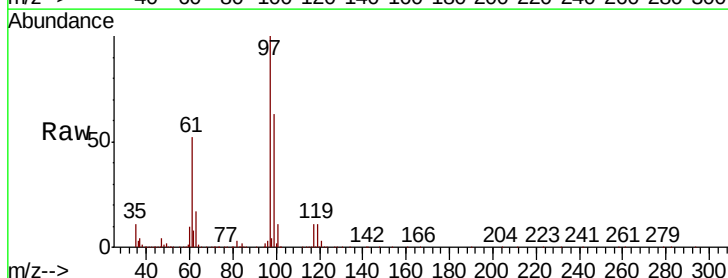
Tgt Ion: 97 Resp: 2457613

Ion Ratio Lower Upper

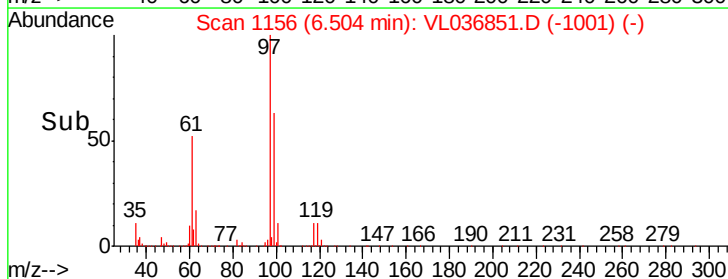
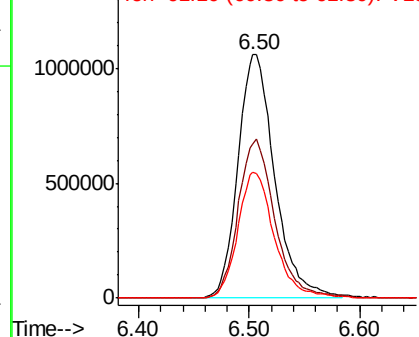
97 100

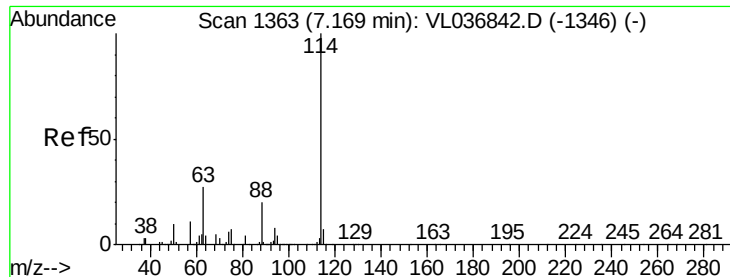
99 65.2 51.8 77.6

61 51.1 40.8 61.2



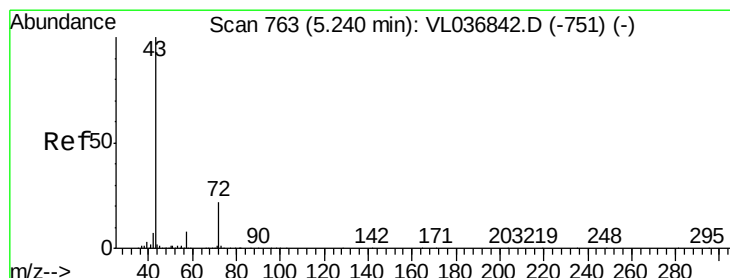
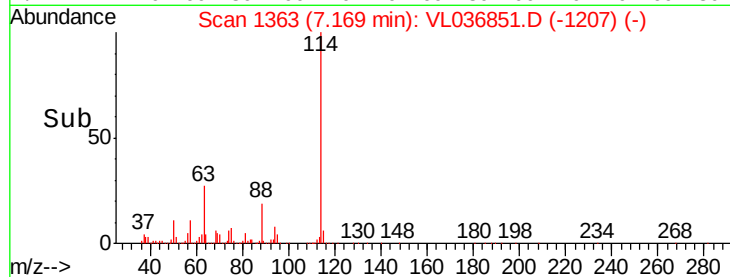
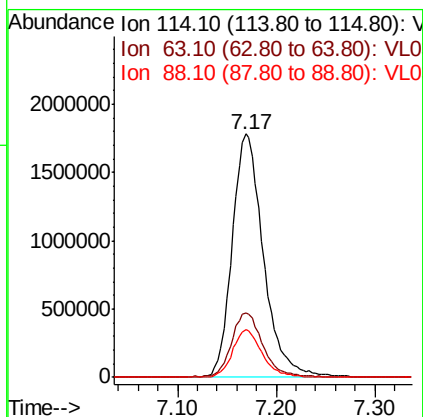
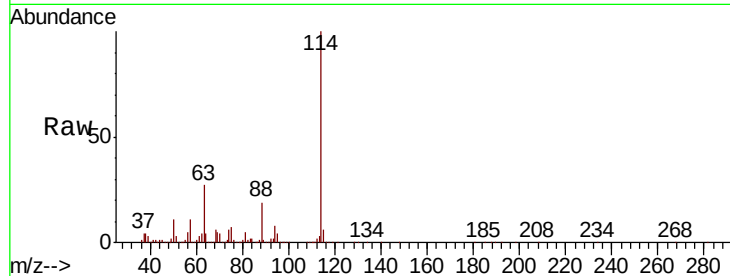
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0





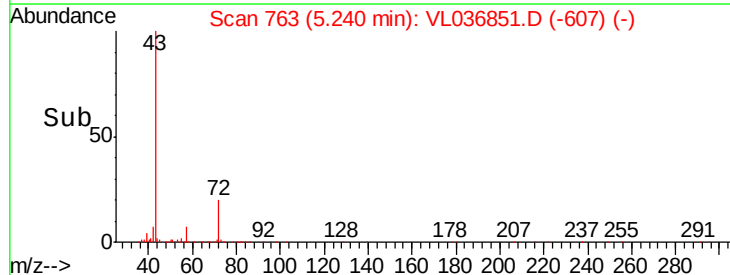
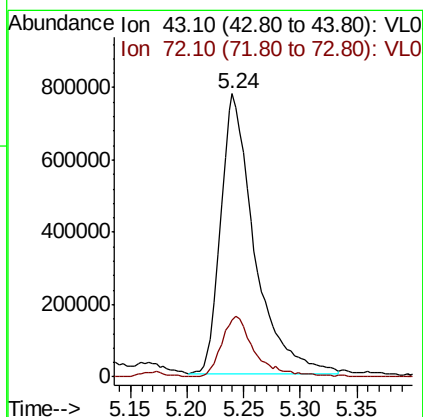
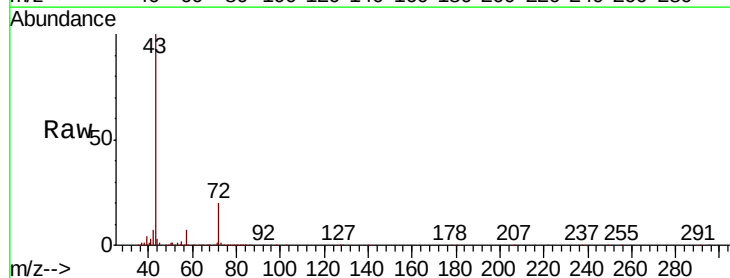
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 8:24

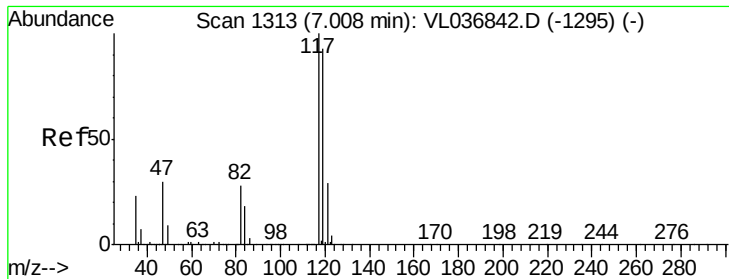
Tot Ion:114 Resp: 3925934
 Ion Ratio Lower Upper
 114 100
 63 27.1 21.9 32.9
 88 18.7 15.1 22.7



#34
 2-Butanone
 Concen: 9.305 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion: 43 Resp: 1600223
 Ion Ratio Lower Upper
 43 100
 72 21.6 17.6 26.4

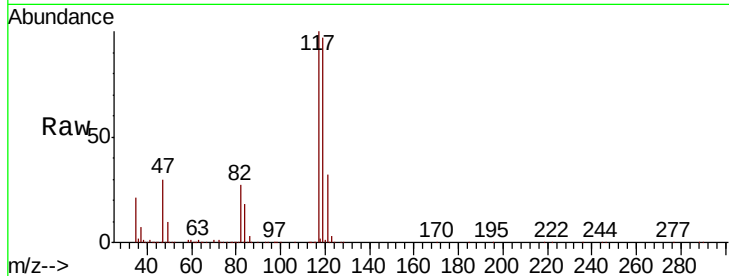




#35
Carbon Tetrachloride
Concen: 9.752 ppbv
RT: 7.01 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 8:24

Tot Ion: 117 Resp: 2597822

Ion	Ratio	Lower	Upper
117	100		
119	97.4	74.6	111.8
121	32.0	23.3	34.9

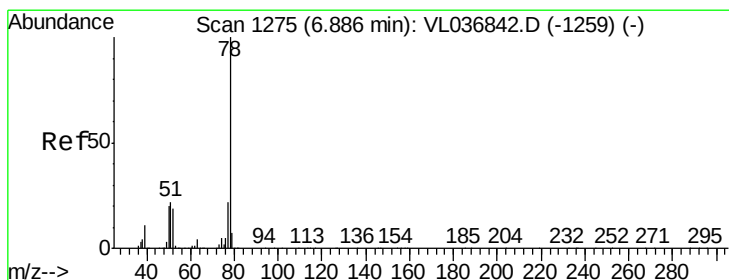
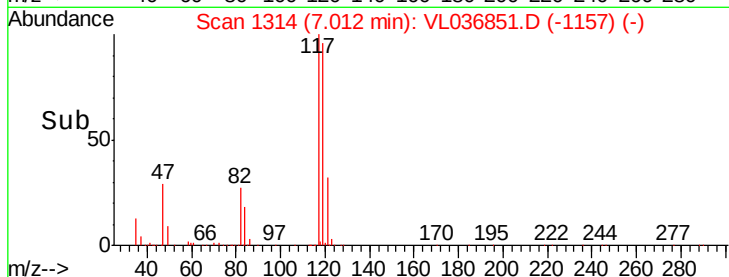
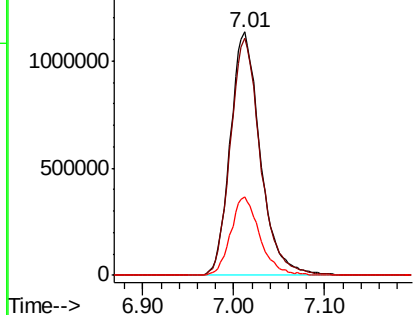


Abundance

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: 9.779 ppbv
RT: 6.89 min Scan# 1275
Delta R.T.: 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 78 Resp: 3234708

Ion	Ratio	Lower	Upper
78	100		
77	22.3	17.6	26.4
50	20.0	16.3	24.5

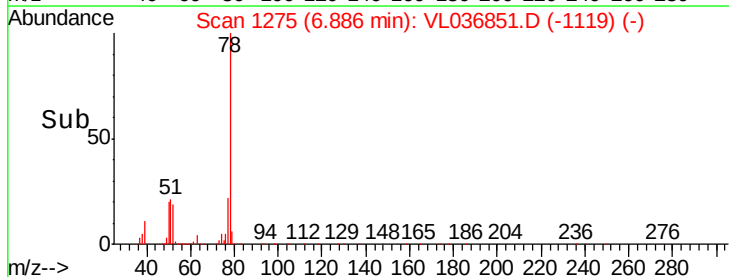
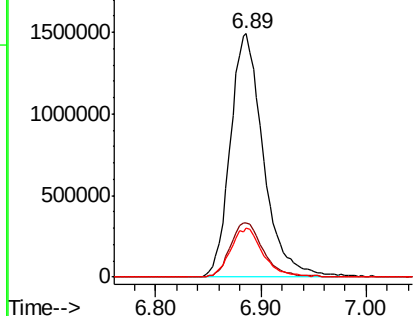


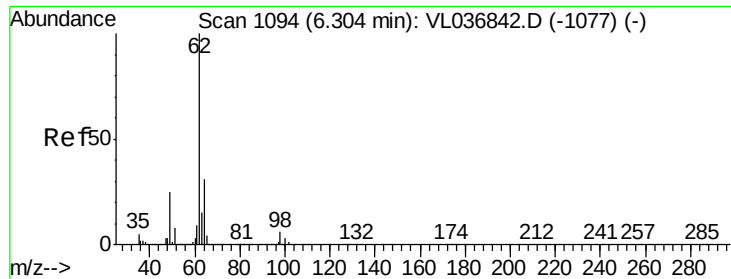
Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

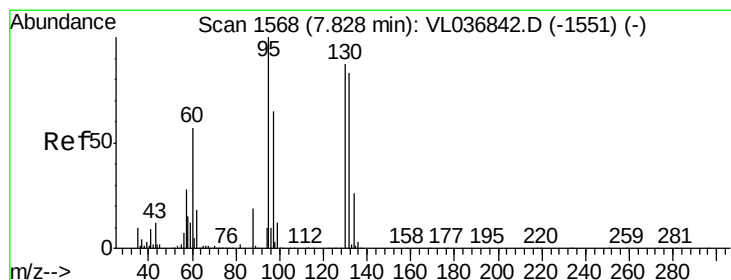
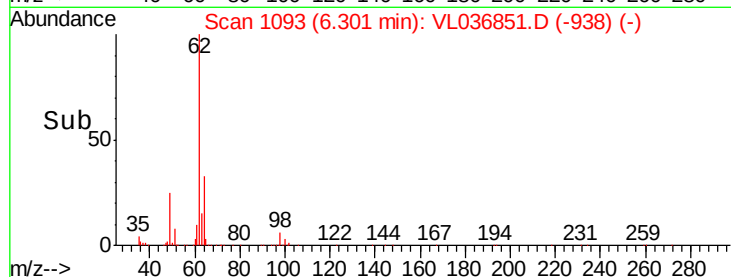
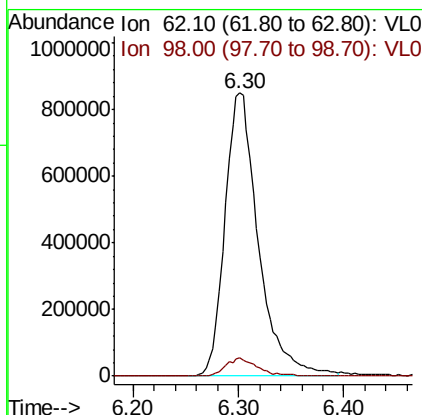
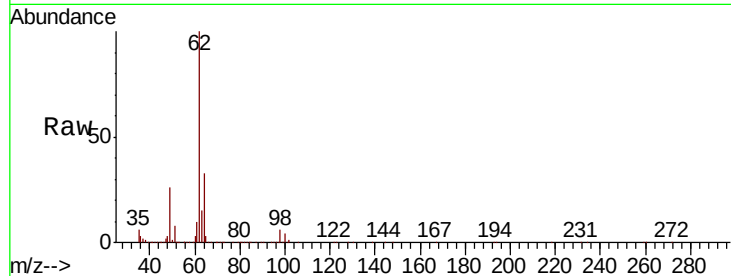
Ion 50.10 (49.80 to 50.80): VL0





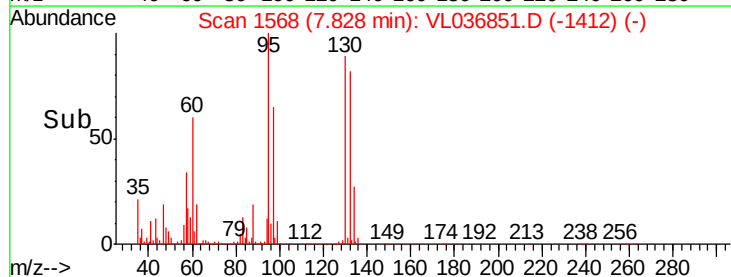
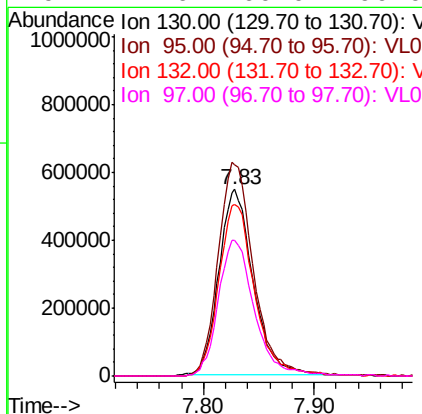
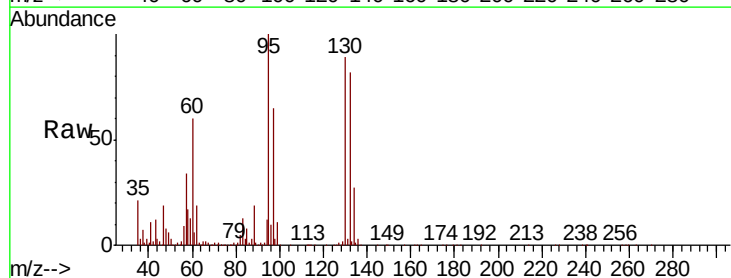
#37
 1,2-Dichloroethane
 Concen: 9.958 ppbv
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 8:24

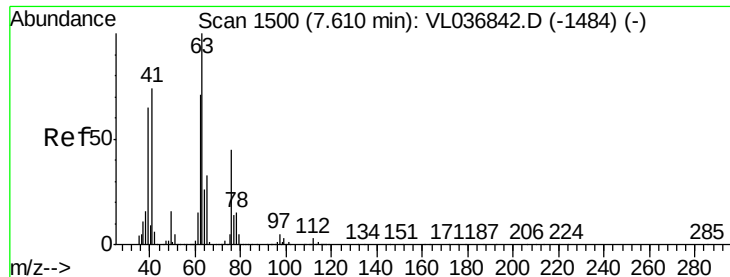
Tot Ion: 62 Resp: 1865274
 Ion Ratio Lower Upper
 62 100
 98 6.2 4.8 7.2



#38
 Trichloroethene
 Concen: 10.035 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion:130 Resp: 1181819
 Ion Ratio Lower Upper
 130 100
 95 112.6 92.3 138.5
 132 91.9 76.8 115.2
 97 72.6 60.0 90.0





#39

1,2-Dichloropropane

Concen: 9.548 ppbv

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 8:24

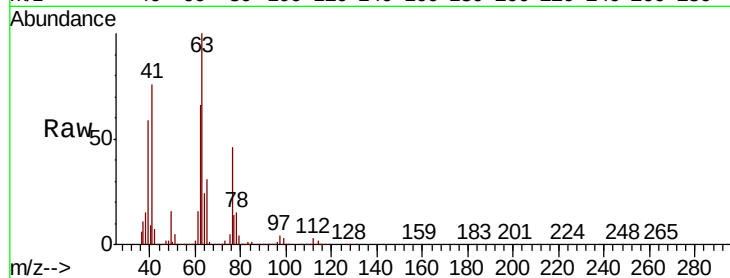
Tot Ion: 63 Resp: 1265319

Ion	Ratio	Lower	Upper
63	100		
41	75.4	59.1	88.7
62	66.3	56.9	85.3

63 100

41 75.4 59.1 88.7

62 66.3 56.9 85.3

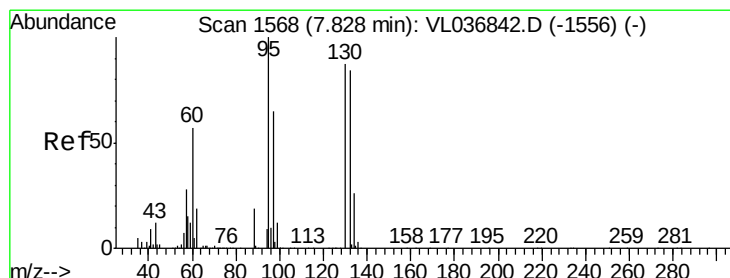
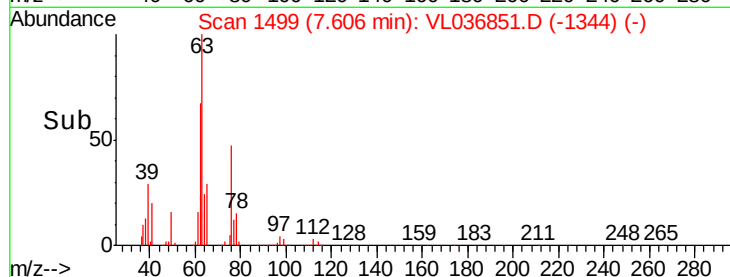
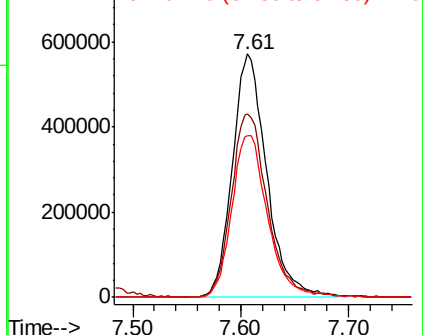


Abundance

Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 8.933 ppbv

RT: 7.83 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

Tgt Ion: 88 Resp: 285867

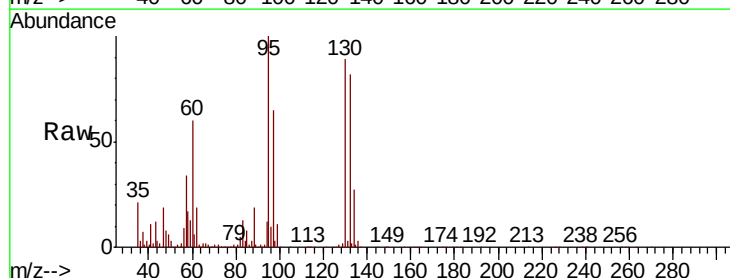
Ion	Ratio	Lower	Upper
88	100		
58	170.6	132.6	198.8
43	435.3	331.5	497.3
57	1895.7	1457.4	2186.0

88 100

58 170.6 132.6 198.8

43 435.3 331.5 497.3

57 1895.7 1457.4 2186.0



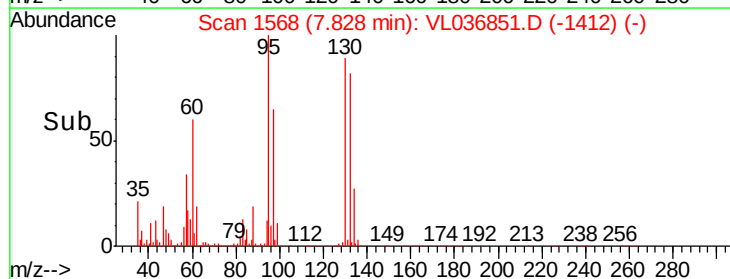
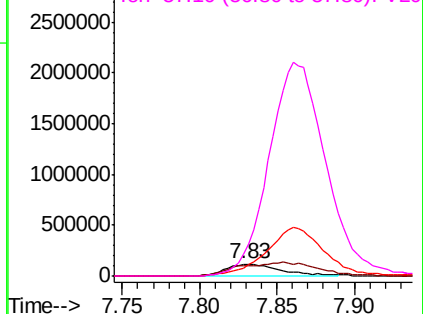
Abundance

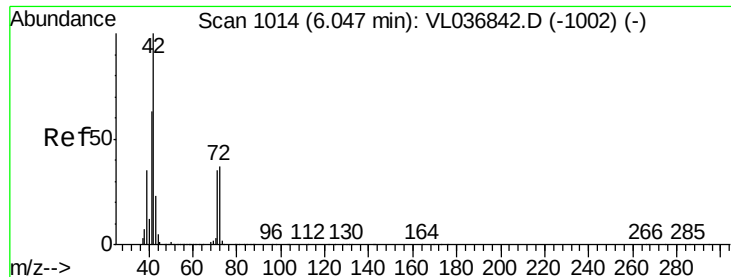
Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 10.088 ppbv

RT: 6.05 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 8:24

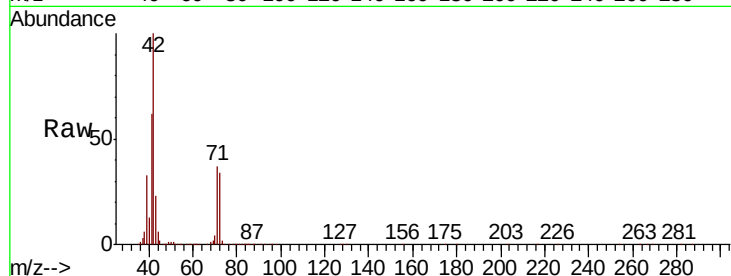
Tot Ion: 42 Resp: 758886

Ion Ratio Lower Upper

42 100

72 37.8 29.7 44.5

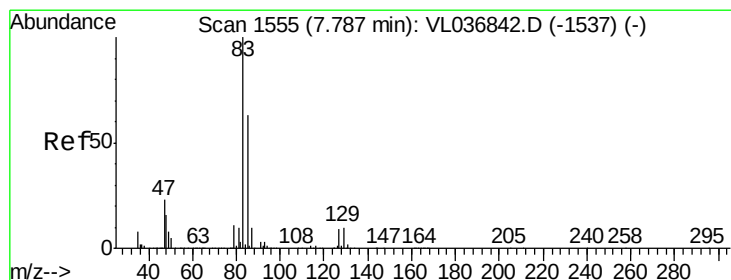
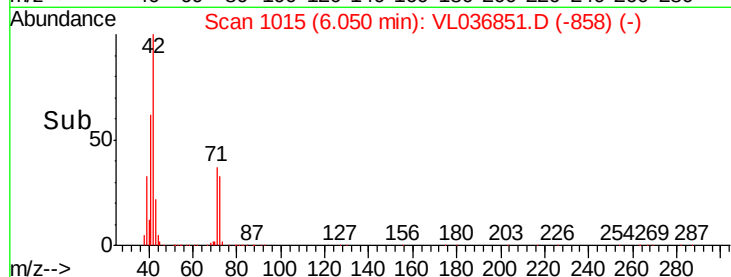
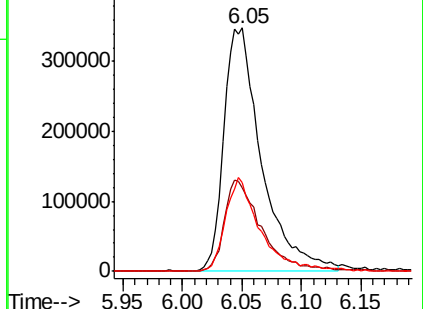
71 36.1 29.0 43.6



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: 10.005 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

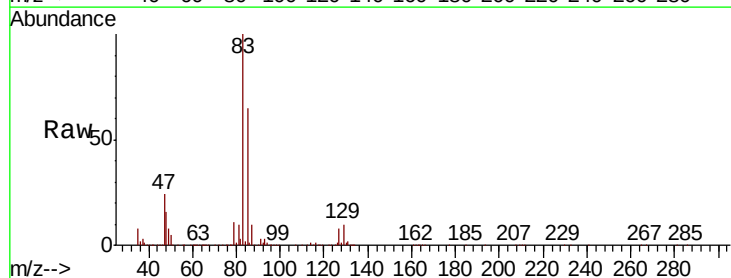
Tgt Ion: 83 Resp: 2603855

Ion Ratio Lower Upper

83 100

85 65.2 50.4 75.6

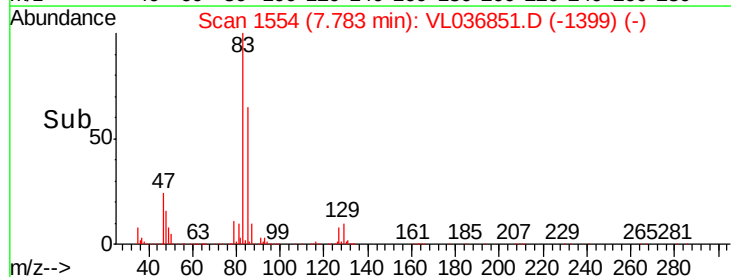
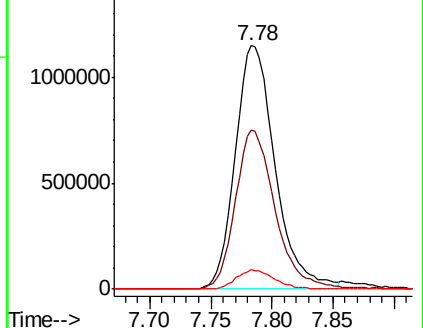
127 8.2 6.9 10.3

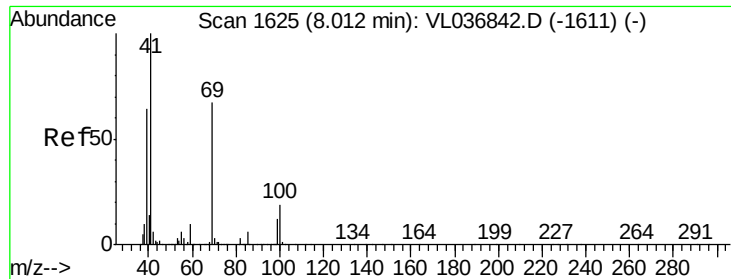


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 10.577 ppbv

RT: 8.01

Instrument: MSVOA_1

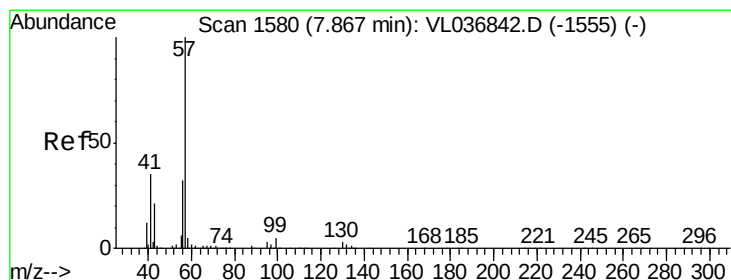
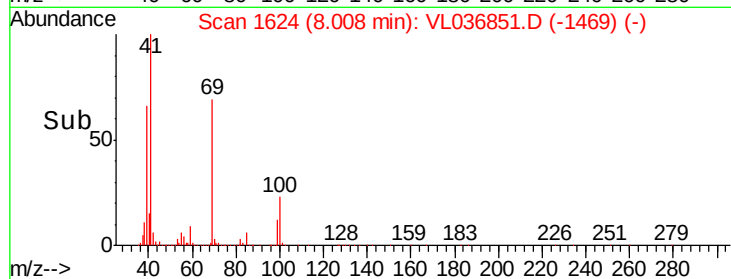
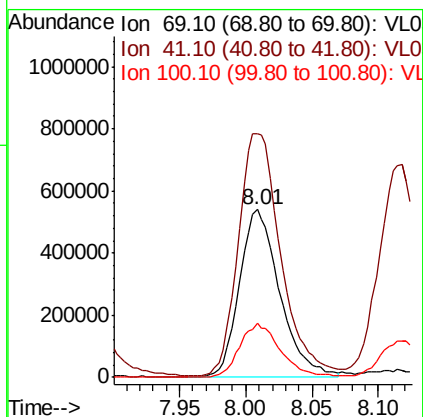
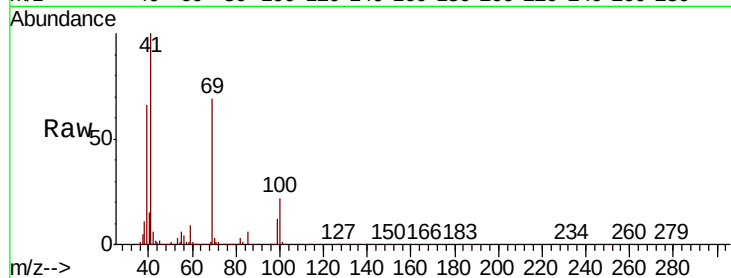
Delta R.T.:

Lab File: ClientSampleId:

Acq: 27 Apr 2021 8:24

Tot Ion: 69 Resp: 1141663

Ion	Ratio	Lower	Upper
69	100		
41	153.4	124.2	186.4
100	32.5	25.5	38.3



#44

2,2,4-Trimethylpentane

Concen: 9.542 ppbv

RT: 7.86 min Scan# 1578

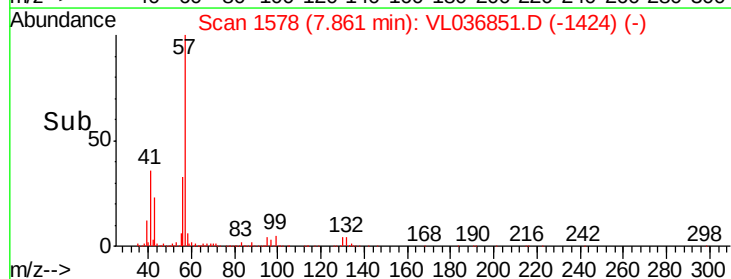
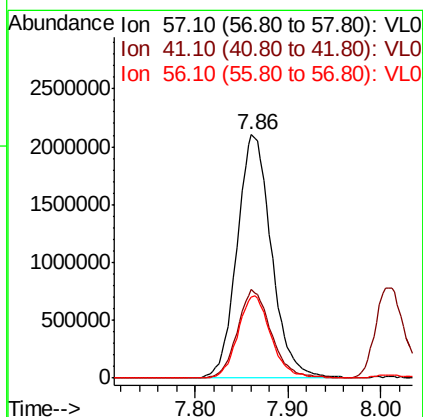
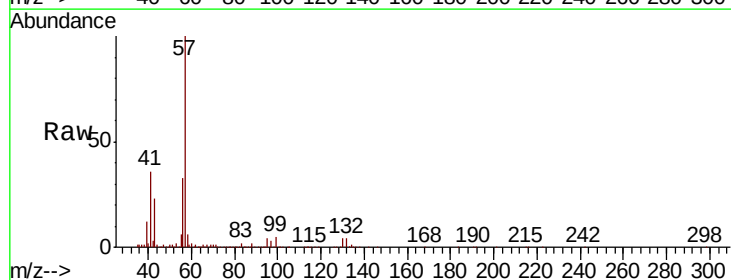
Delta R.T. -0.01 min

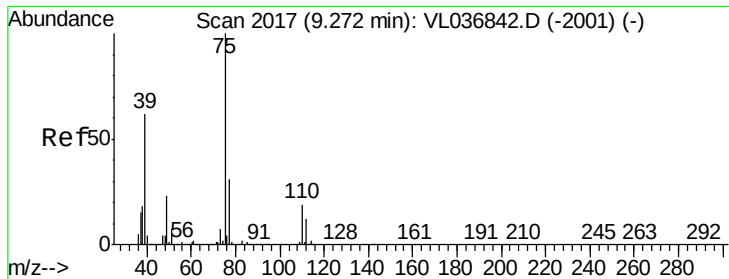
Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

Tgt Ion: 57 Resp: 5409328

Ion	Ratio	Lower	Upper
57	100		
41	35.6	28.2	42.4
56	32.5	25.9	38.9





#45

t-1,3-Dichloropropene

Concen: 10.931 ppbv

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

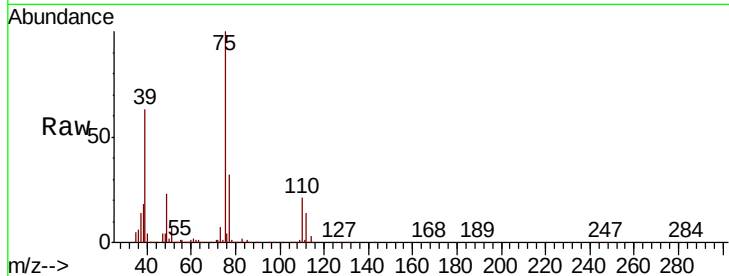
Acq: 27 Apr 2021 8:24

Tot Ion: 75 Resp: 1271914

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.27

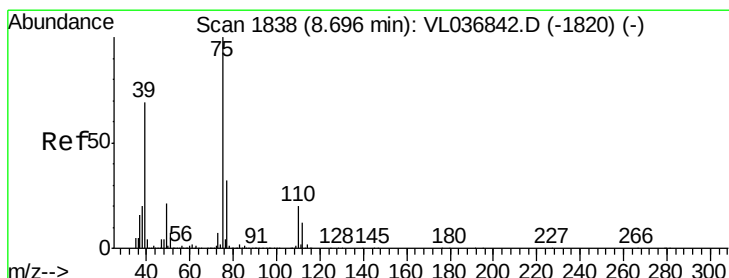
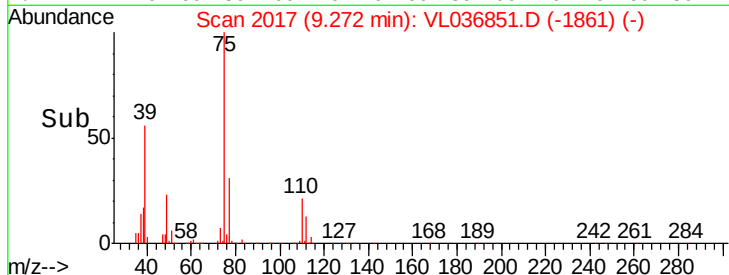
600000

400000

200000

0

Time-->



#46

cis-1,3-Dichloropropene

Concen: 10.719 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

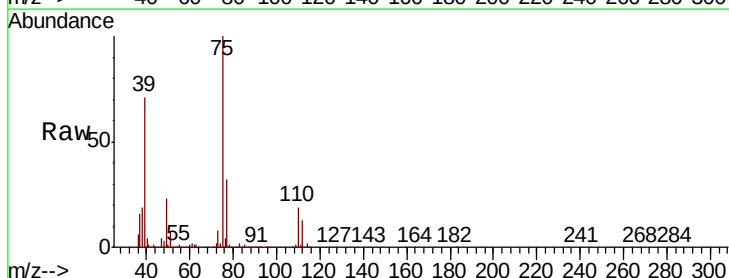
Tgt Ion: 75 Resp: 1599086

Ion Ratio Lower Upper

75 100

39 71.0 55.4 83.0

77 31.8 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

8.70

1000000

800000

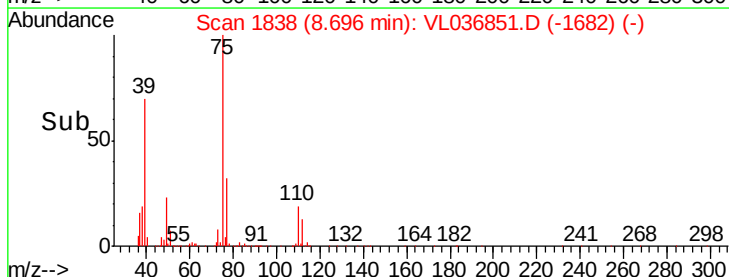
600000

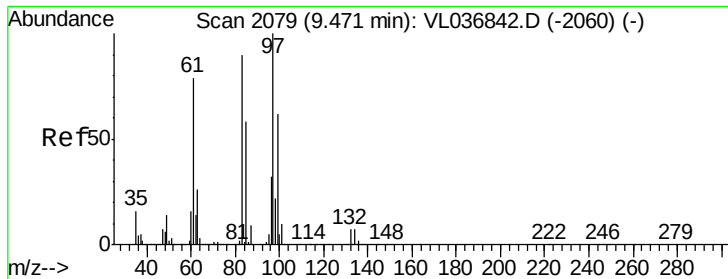
400000

200000

0

Time-->

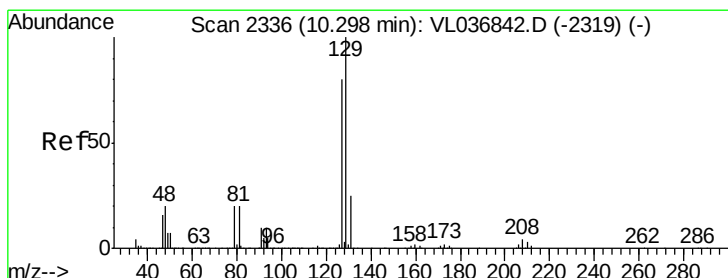
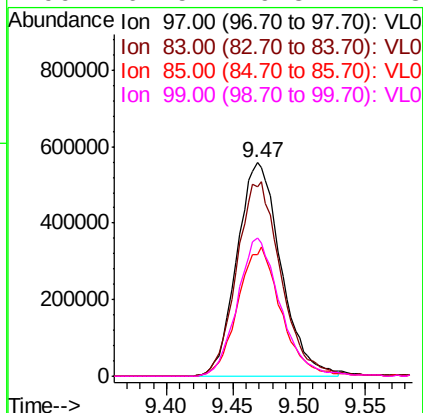
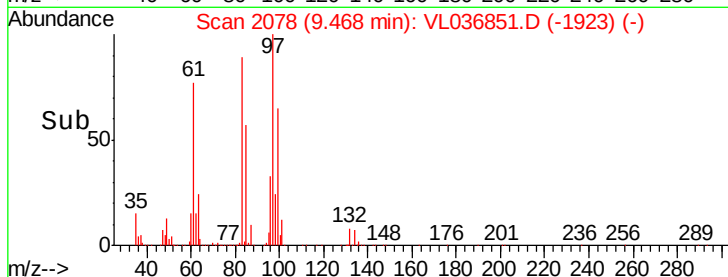
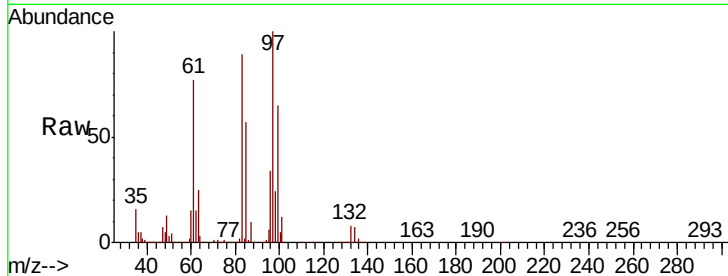




#47
 1,1,2-Trichloroethane
 Concen: 9.380 ppbv
 RT: 9.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 8:24

Tot Ion: 97 Resp: 1286936

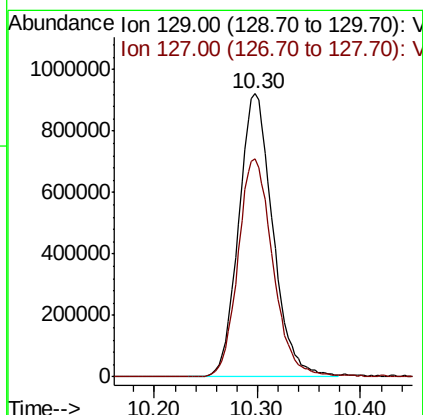
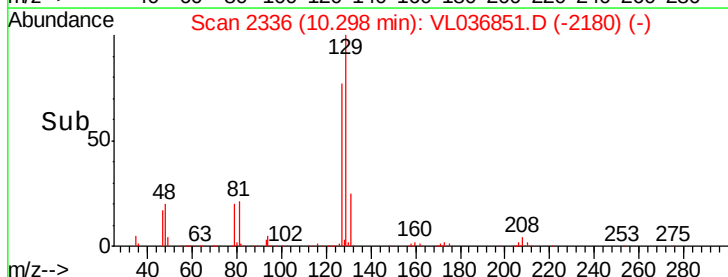
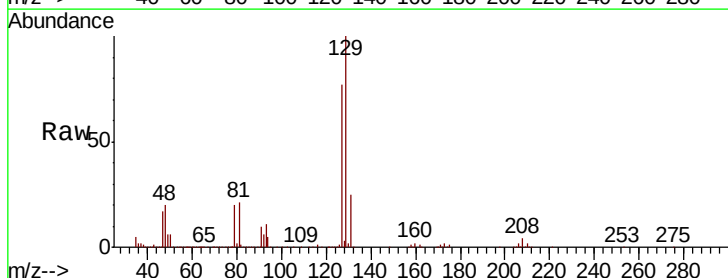
Ion	Ratio	Lower	Upper
97	100		
83	88.5	71.9	107.9
85	57.1	46.5	69.7
99	64.5	49.8	74.8

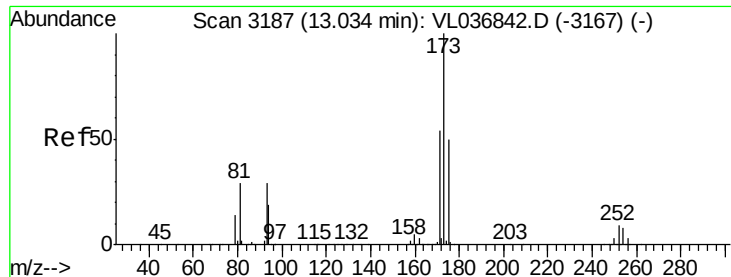


#48
 Dibromochloromethane
 Concen: 10.425 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T.: 0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion: 129 Resp: 2119368

Ion	Ratio	Lower	Upper
129	100		
127	79.5	40.2	120.5





#49

Bromoform

Concen: 10.521 ppbv

RT: 13.03

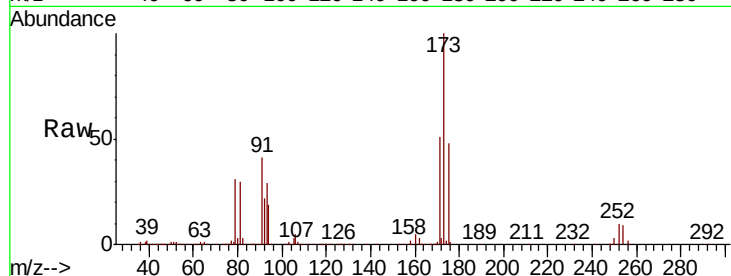
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 8:24

Tot Ion:173 Resp: 1707591

Ion	Ratio	Lower	Upper
173	100		
175	50.2	39.6	59.4
171	53.6	42.2	63.4

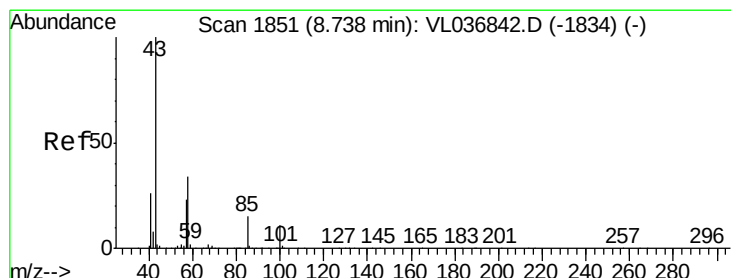
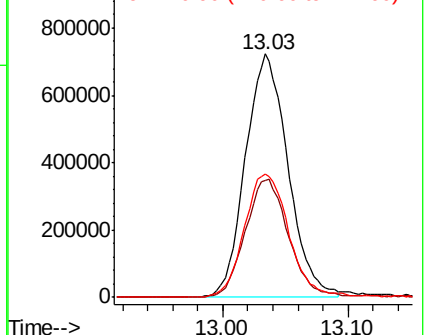
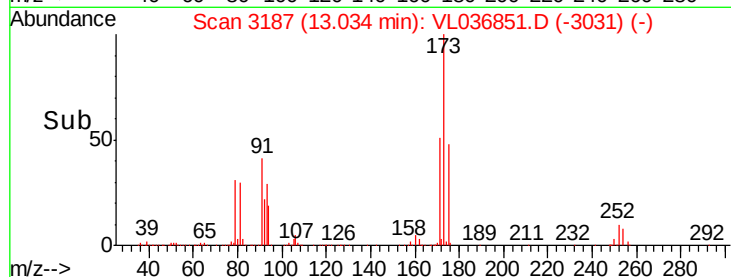


Abundance

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: 10.398 ppbv

RT: 8.74 min Scan# 1851

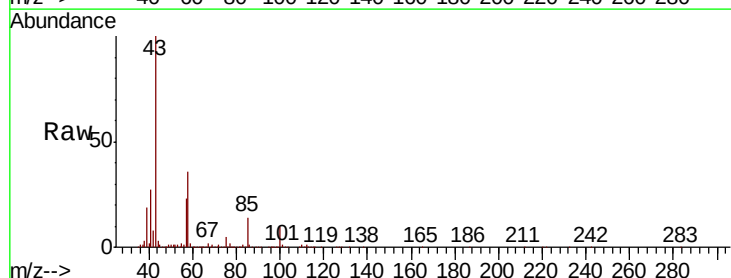
Delta R.T. 0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

Tgt Ion: 43 Resp: 2444318

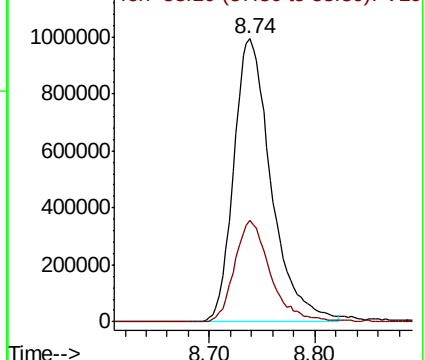
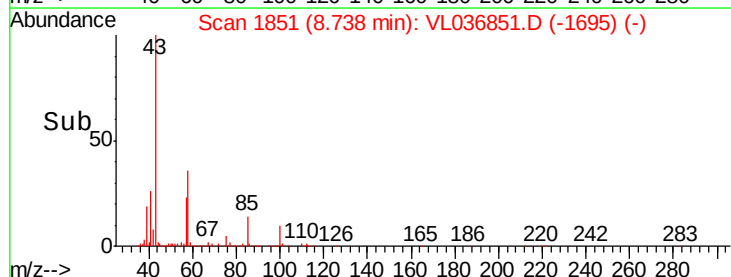
Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.8	41.8

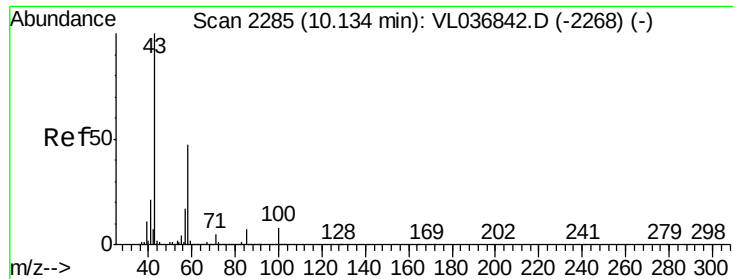


Abundance

Ion 43.10 (42.80 to 43.80): VL0

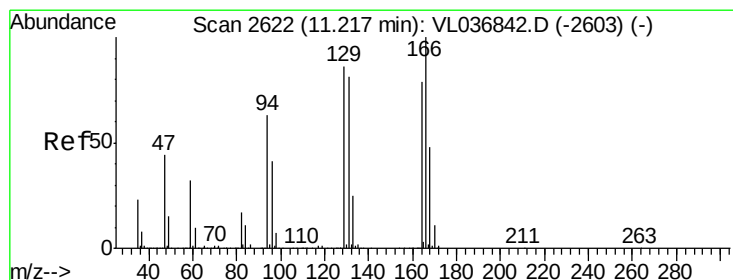
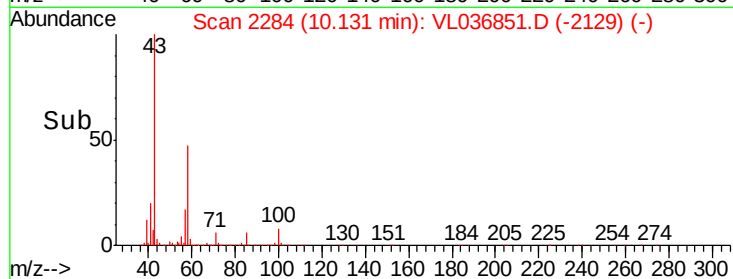
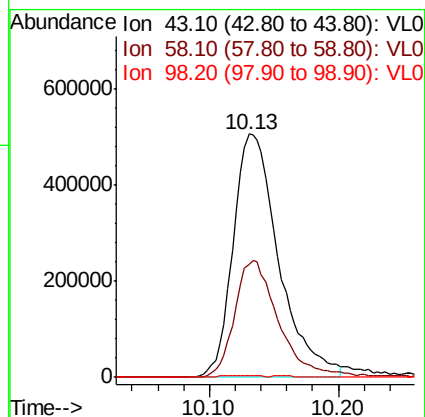
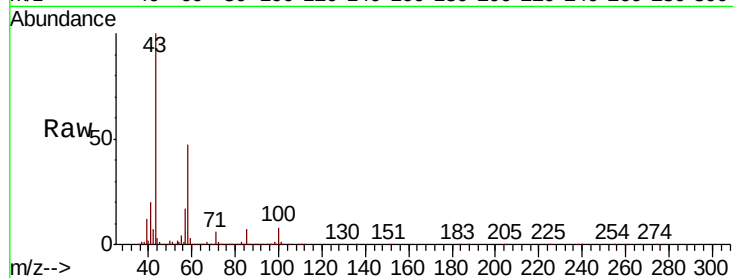
Ion 58.10 (57.80 to 58.80): VL0





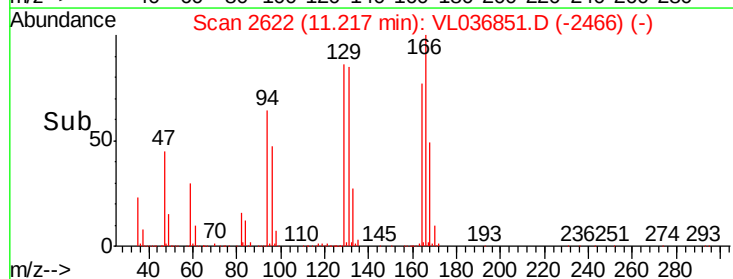
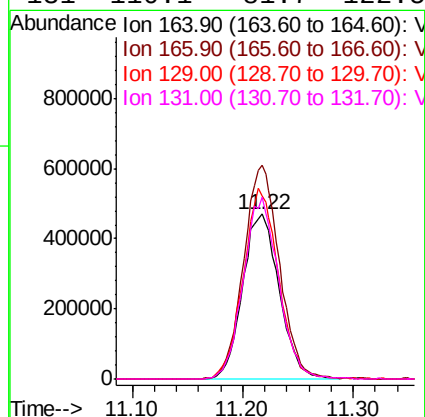
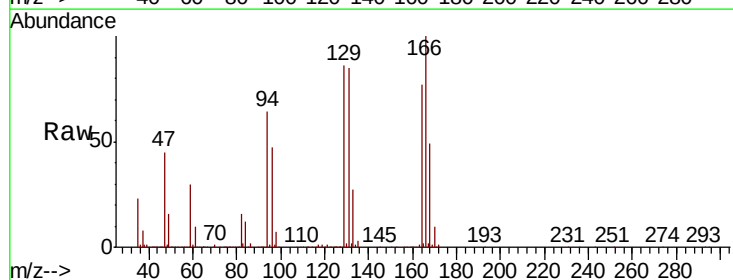
#51
 2-Hexanone
 Concen: 10.566 ppbv
 RT: 10.13
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 8:24

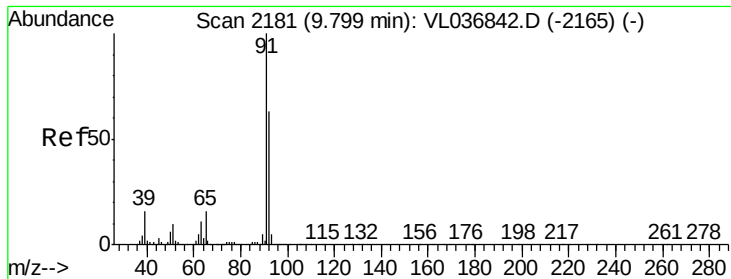
Tot Ion: 43 Resp: 1238807
 Ion Ratio Lower Upper
 43 100
 58 47.2 37.0 55.6
 98 0.6 0.2 0.4#



#52
 Tetrachloroethene
 Concen: 9.589 ppbv
 RT: 11.22 min Scan# 2622
 Delta R.T. 0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion:164 Resp: 1080044
 Ion Ratio Lower Upper
 164 100
 166 129.5 100.9 151.3
 129 111.1 87.0 130.4
 131 110.1 81.7 122.5





#53

Toluene

Concen: 10.389 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

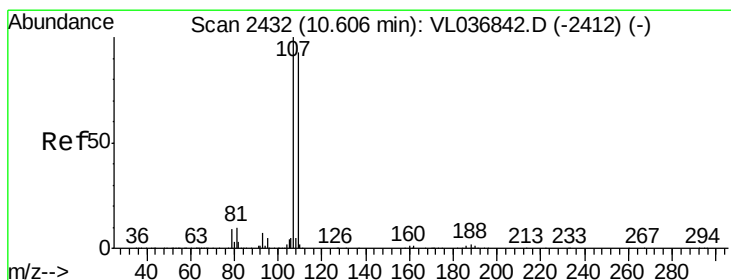
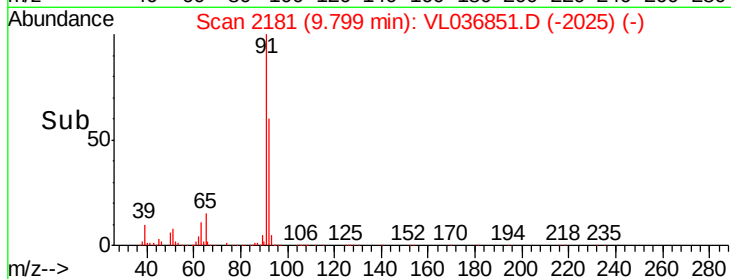
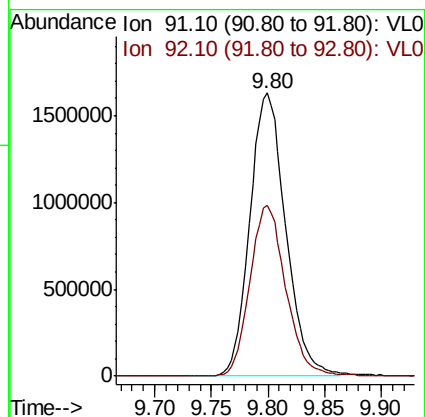
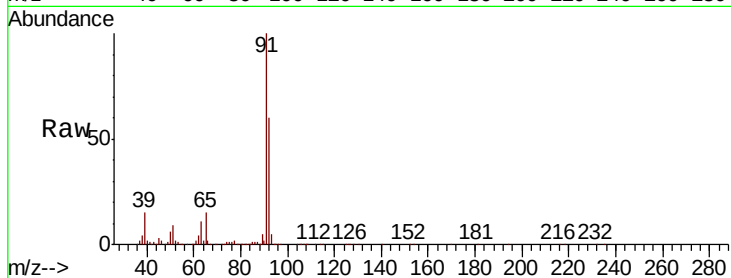
Acq: 27 Apr 2021 8:24

Tot Ion: 91 Resp: 3595737

Ion Ratio Lower Upper

91 100

92 60.9 49.0 73.4



#54

1,2-Dibromoethane

Concen: 9.650 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.00 min

Lab File: VL036851.D

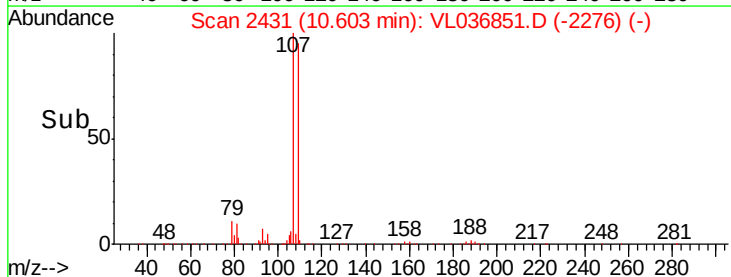
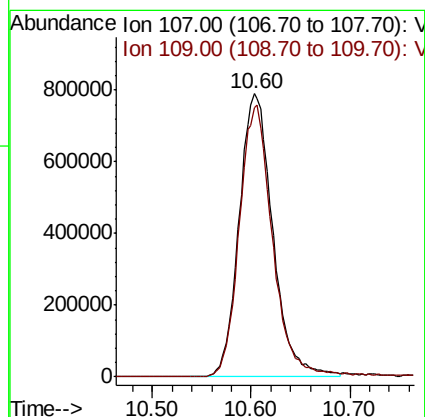
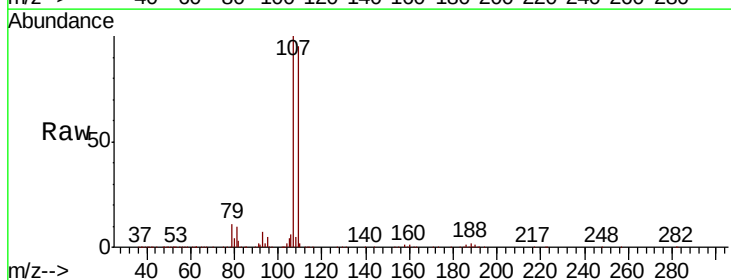
Acq: 27 Apr 2021 8:24

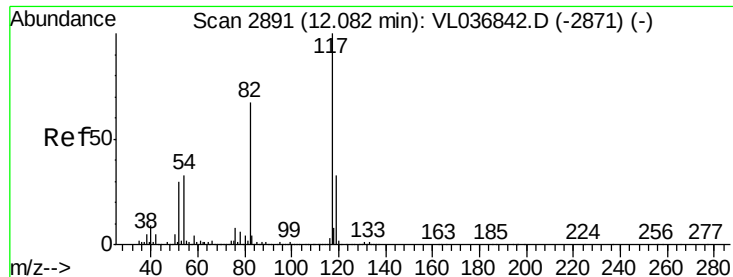
Tgt Ion: 107 Resp: 1869161

Ion Ratio Lower Upper

107 100

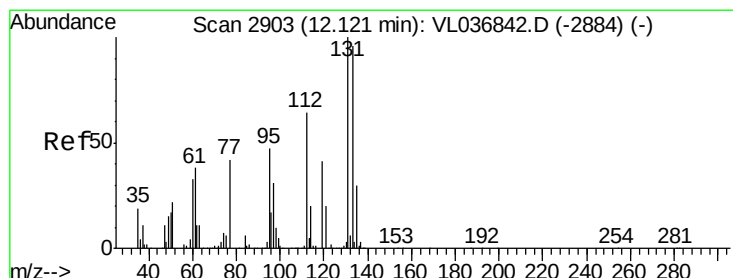
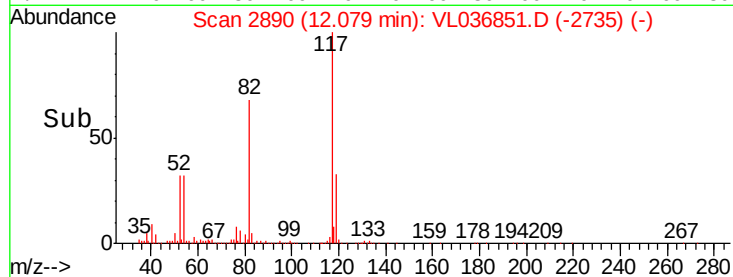
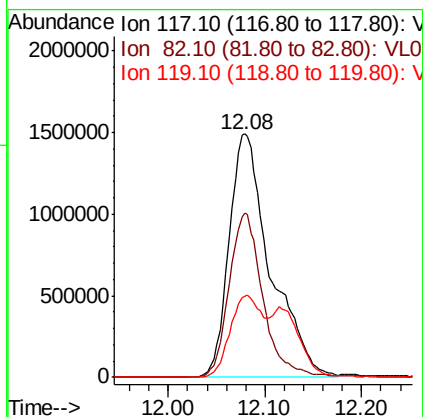
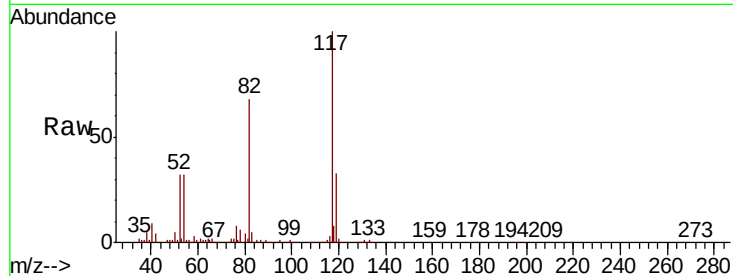
109 95.1 74.7 112.1





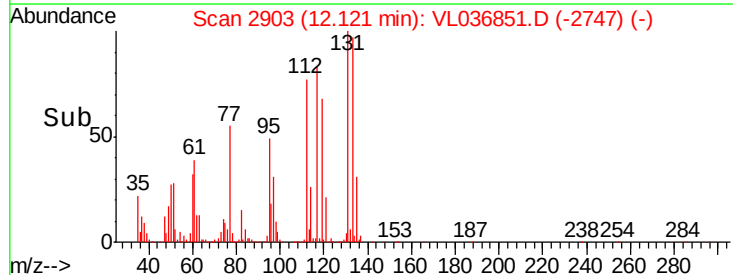
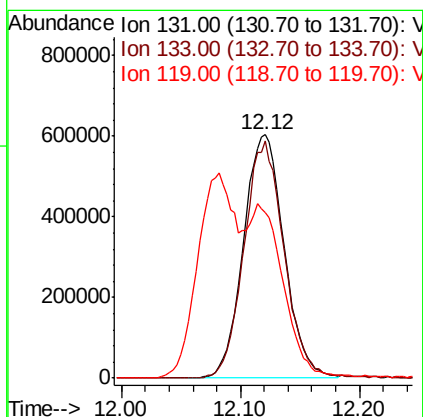
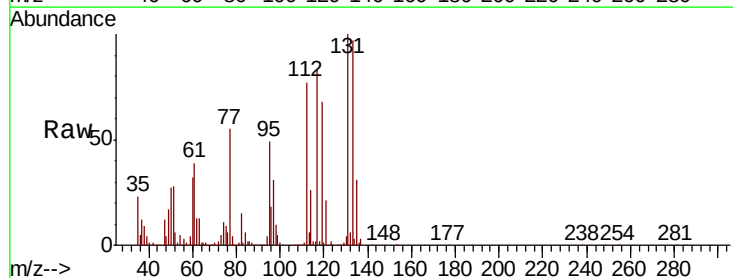
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 8:24

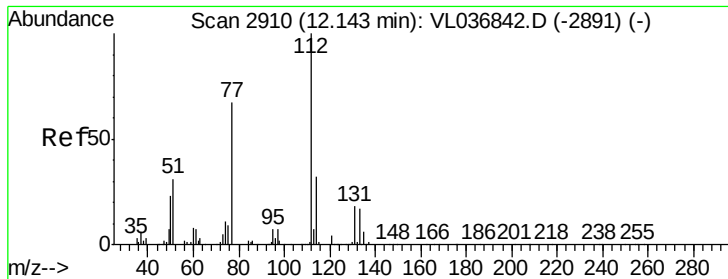
Tot Ion:117 Resp: 4428419
 Ion Ratio Lower Upper
 117 100
 82 55.4 53.5 80.3
 119 46.9 25.6 38.4#



#56
 1,1,1,2-Tetrachloroethane
 Concen: 7.685 ppbv
 RT: 12.12 min Scan# 2903
 Delta R.T. 0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

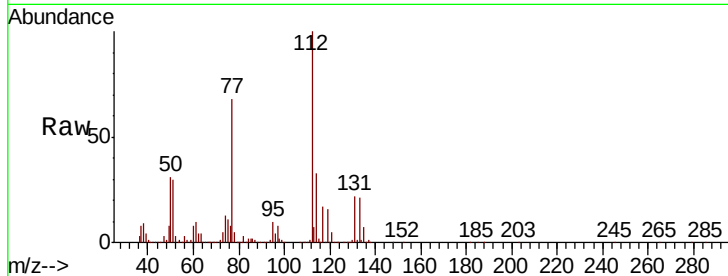
Tgt Ion:131 Resp: 1426741
 Ion Ratio Lower Upper
 131 100
 133 96.7 76.3 114.5
 119 145.4 114.9 172.3



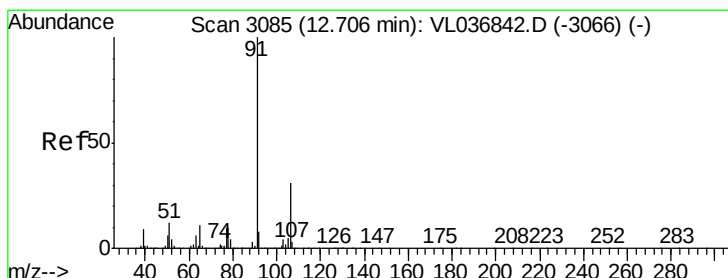
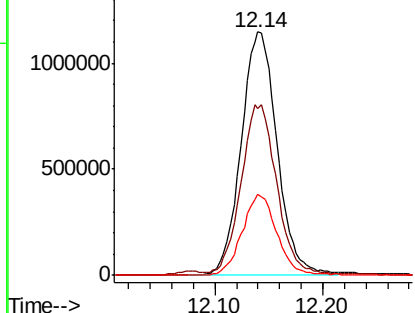
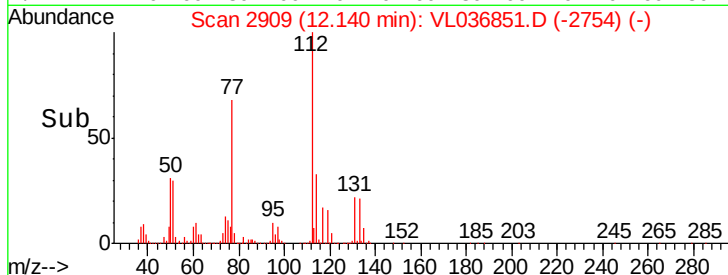


#57
Chlorobenzene
Concen: 7.711 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion: 112 Resp: 2659555
Ion Ratio Lower Upper
112 100
77 67.5 54.2 81.4
114 33.3 28.5 34.9

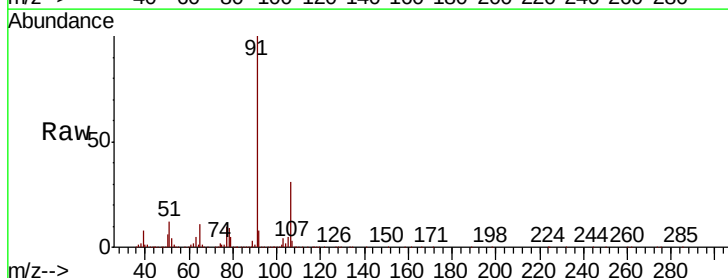


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

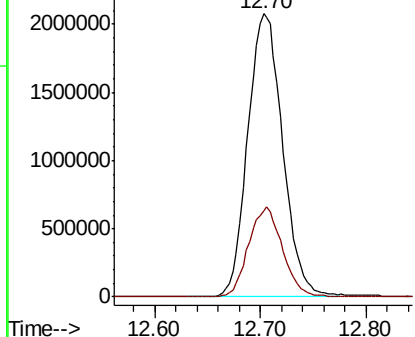
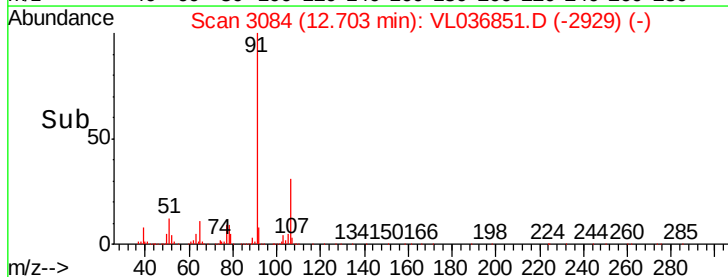


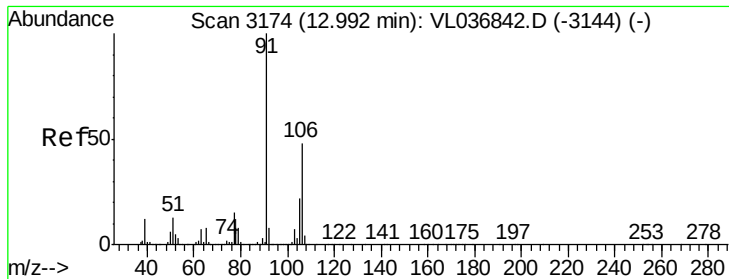
#58
Ethyl Benzene
Concen: 8.531 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 91 Resp: 4791970
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7



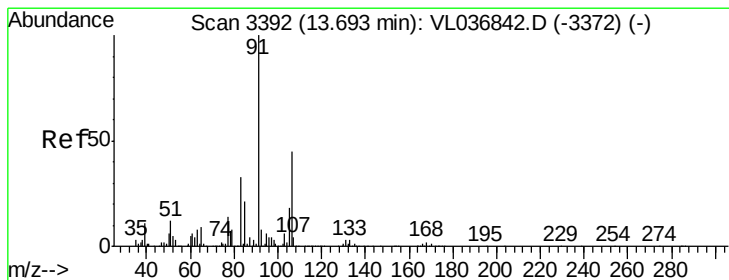
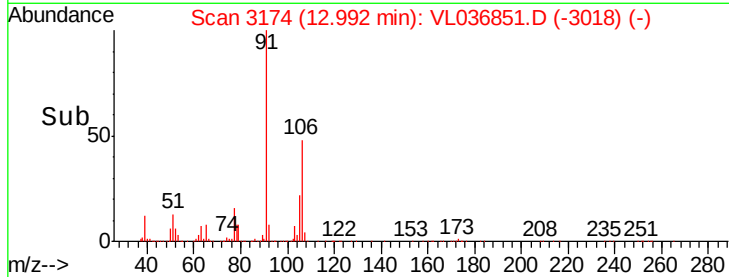
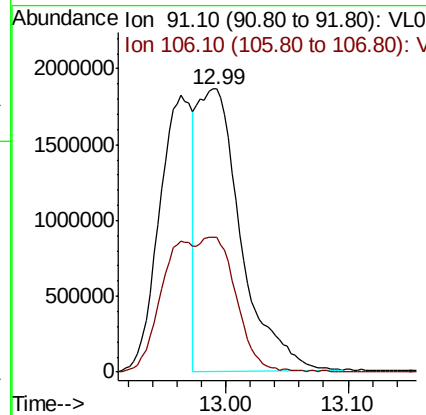
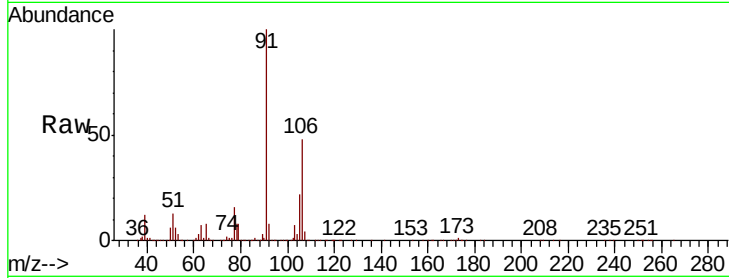
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





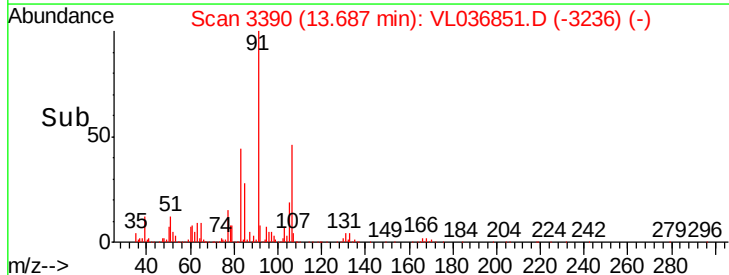
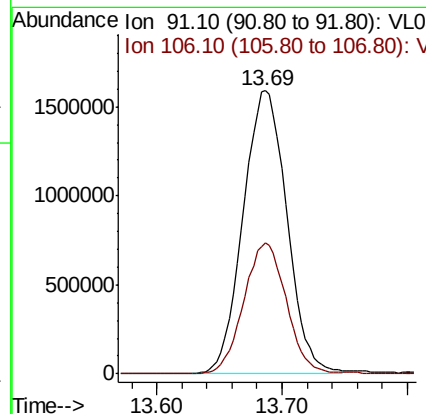
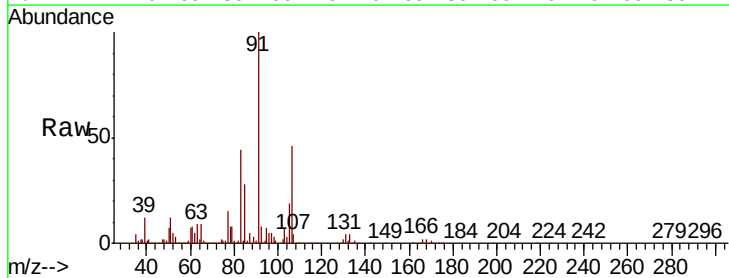
#59
m/p-Xylene
Concen: 9.161 ppbv
RT: 12.99 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

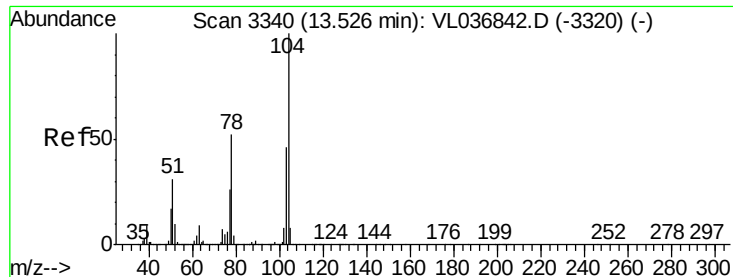
Tot Ion: 91 Resp: 4599185
Ion Ratio Lower Upper
91 100
106 78.7 35.8 53.6#



#60
o-Xylene
Concen: 7.942 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

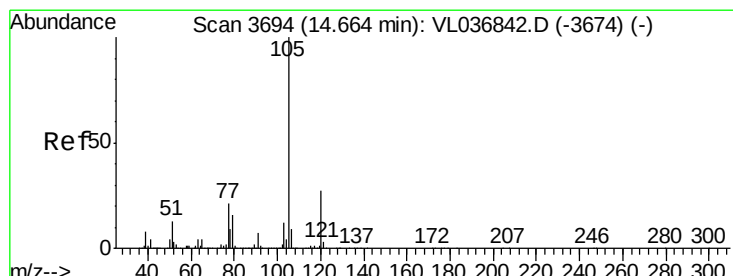
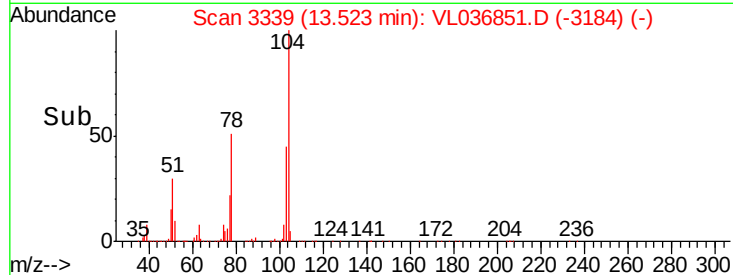
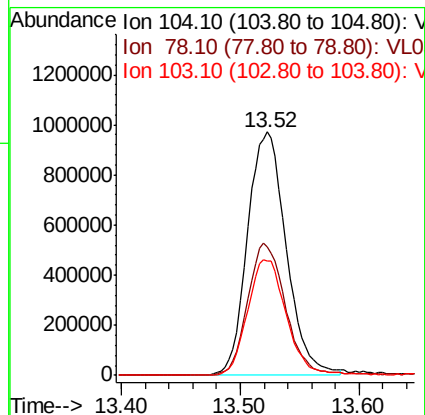
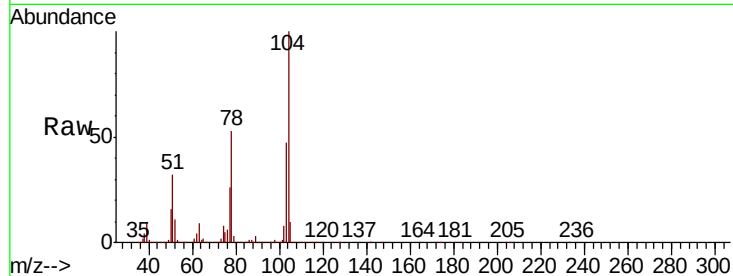
Tgt Ion: 91 Resp: 3855263
Ion Ratio Lower Upper
91 100
106 45.5 22.6 67.7





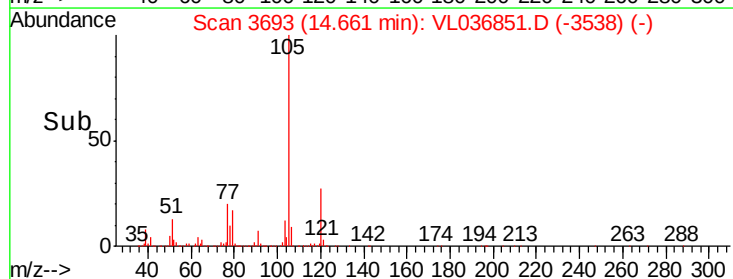
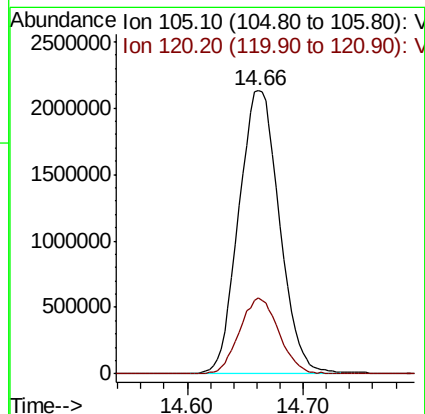
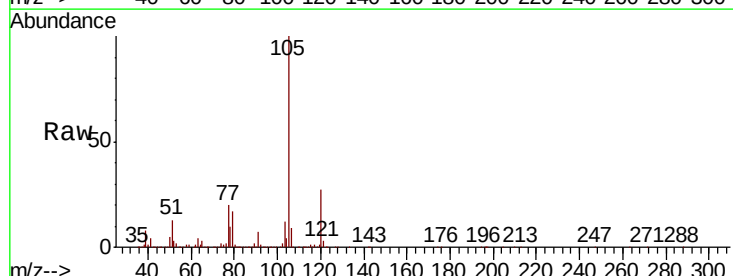
#61
Stvrene
Concen: 9.605 ppbv
RT: 13.52
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 8:24

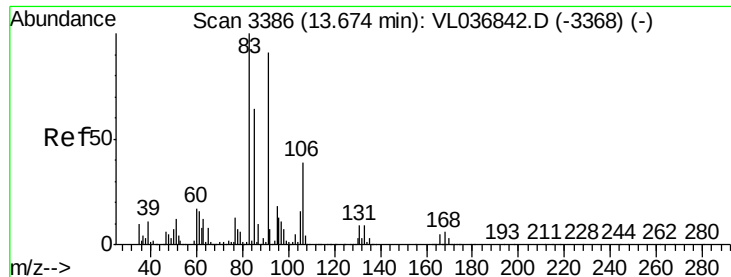
Tot Ion:104 Resp: 2189587
Ion Ratio Lower Upper
104 100
78 53.4 42.6 64.0
103 47.9 38.1 57.1



#62
Isopropylbenzene
Concen: 7.871 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion:105 Resp: 5197982
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 7.289 ppbv

RT: 13.67 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 8:24

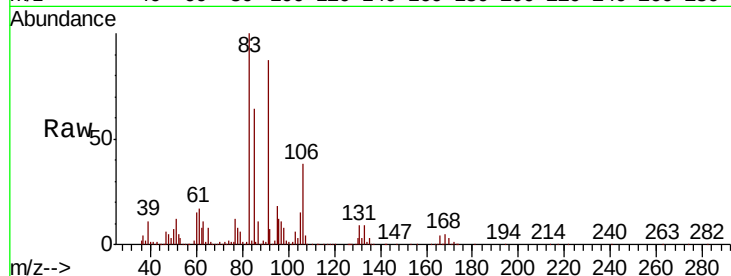
Tot Ion: 83 Resp: 2836108

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

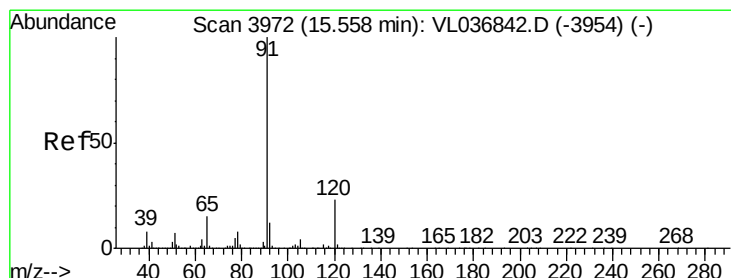
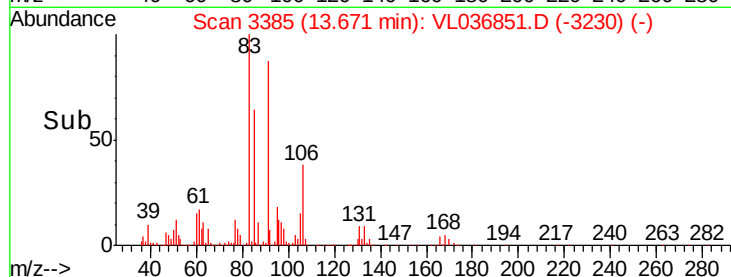
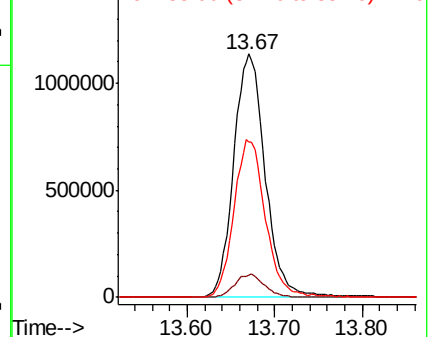
85 65.2 32.8 98.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.308 ppbv

RT: 15.55 min Scan# 3971

Delta R.T. -0.00 min

Lab File: VL036851.D

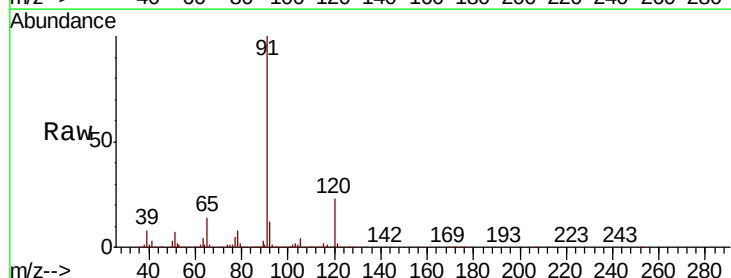
Acq: 27 Apr 2021 8:24

Tgt Ion: 120 Resp: 1367412

Ion Ratio Lower Upper

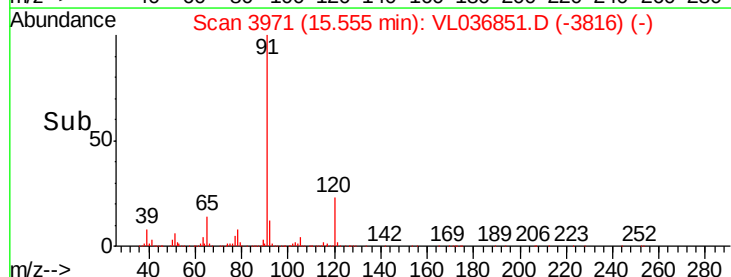
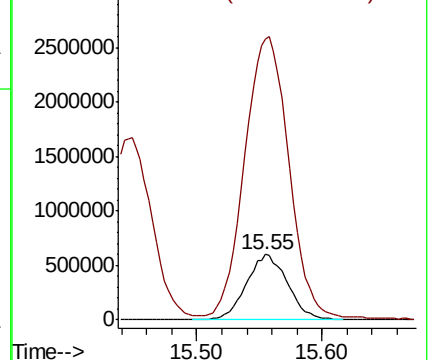
120 100

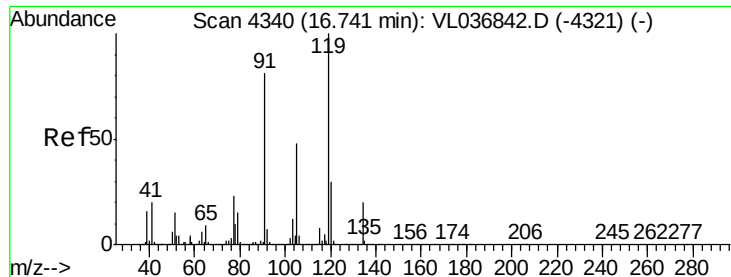
91 473.4 378.6 567.8



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 7.885 ppbv

RT: 16.74 min

Delta R.T. MSVOA_L

Lab File:

Acq: 27 Apr 2021 8:24

ClientSampleId:

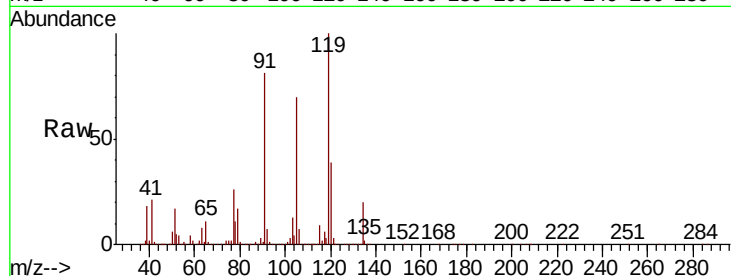
Tot Ion: 119 Resp: 4603933

Ion Ratio Lower Upper

119 100

91 84.0 67.0 100.6

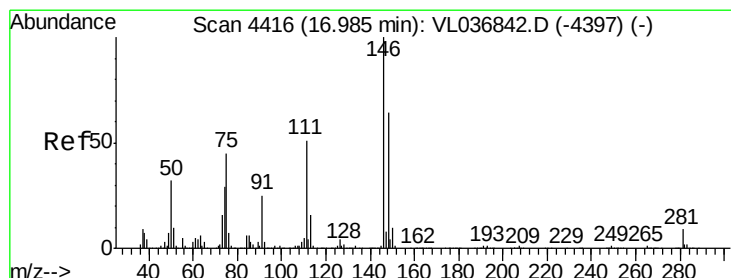
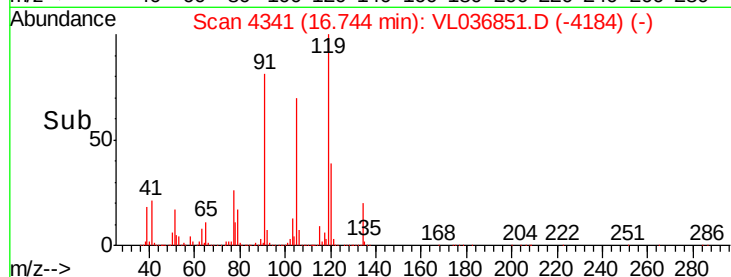
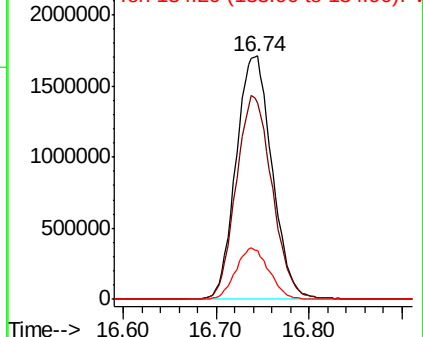
134 19.7 15.8 23.6



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 7.584 ppbv

RT: 16.99 min Scan# 4416

Delta R.T. 0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

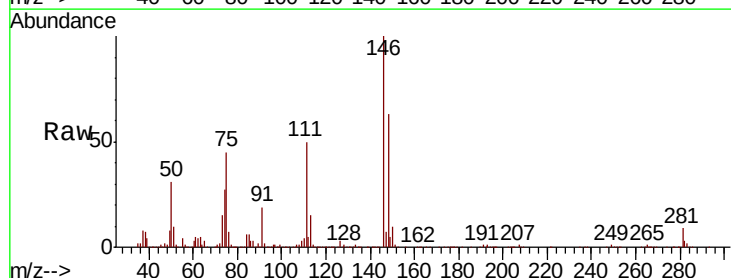
Tgt Ion: 91 Resp: 433019

Ion Ratio Lower Upper

91 100

126 17.8 14.1 21.1

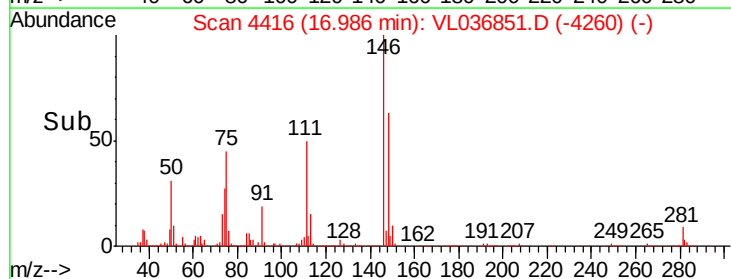
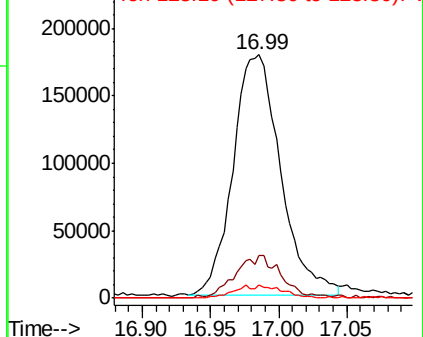
128 5.7 4.8 7.2

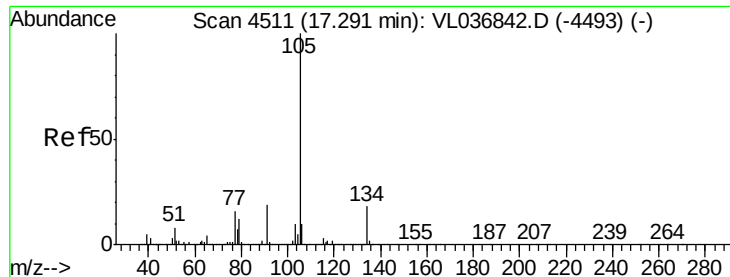


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

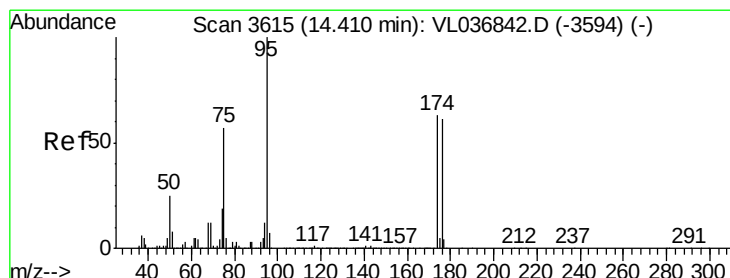
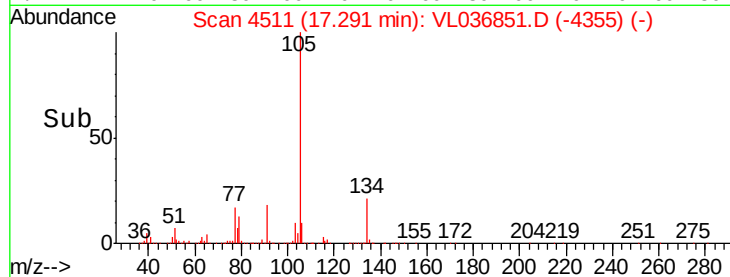
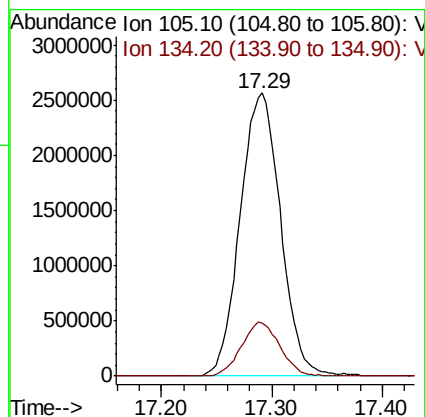
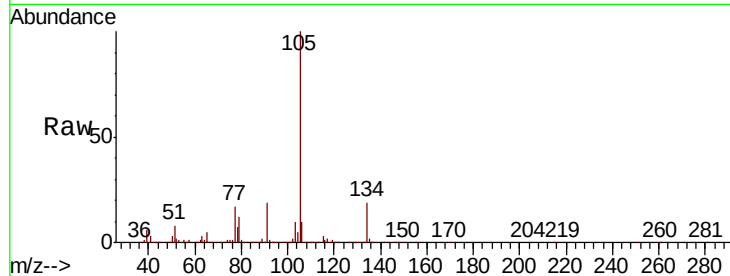
Ion 128.10 (127.80 to 128.80): V





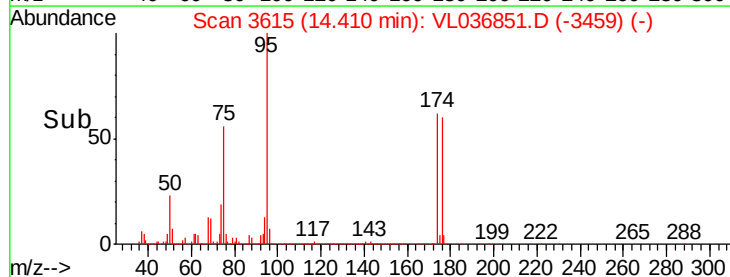
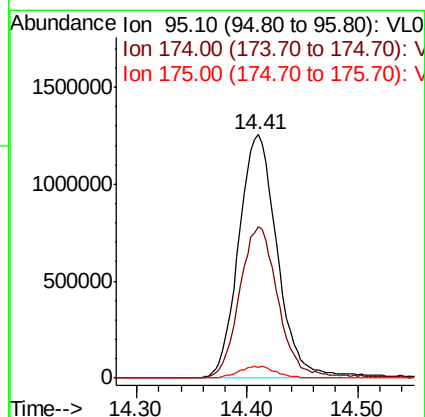
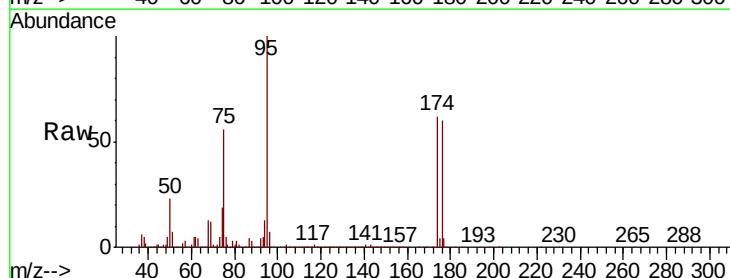
#67
 sec-Butylbenzene
 Concen: 8.001 ppbv
 RT: 17.29 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 8:24

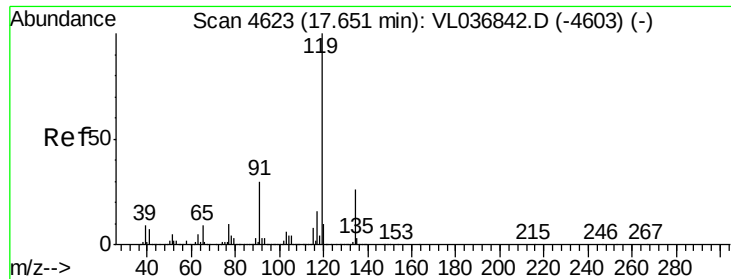
Tot Ion: 105 Resp: 6487373
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.492 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: 0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

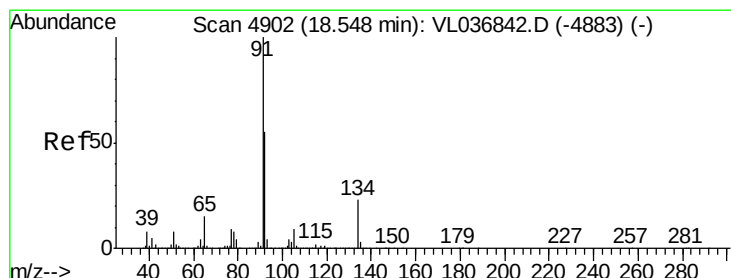
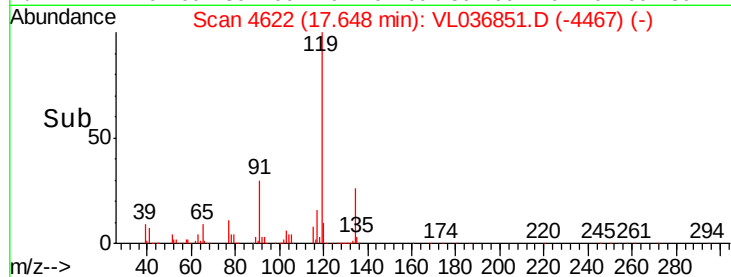
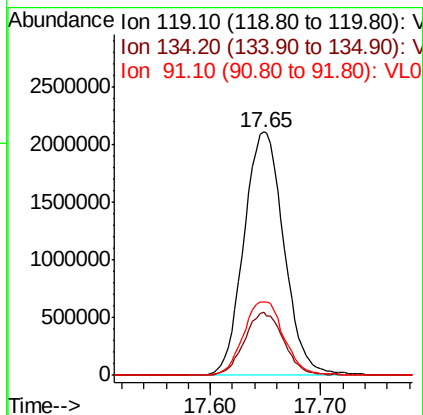
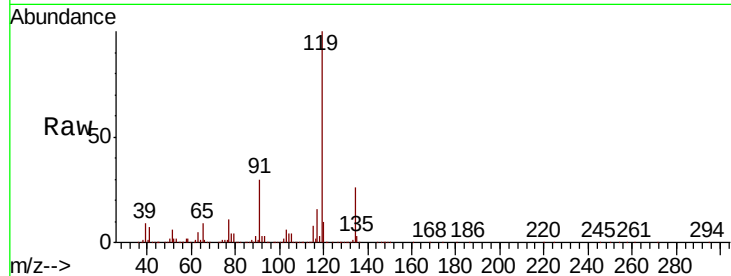
Tgt Ion: 95 Resp: 3018872
 Ion Ratio Lower Upper
 95 100
 174 64.2 52.2 78.2
 175 4.9 4.0 6.0





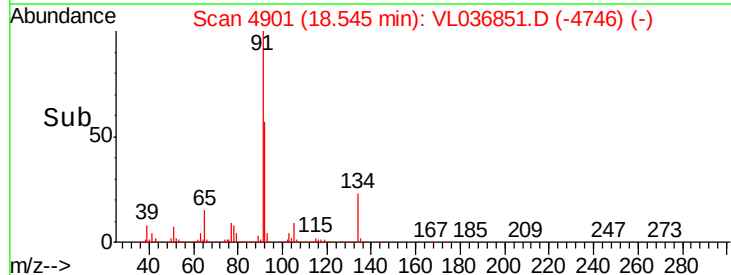
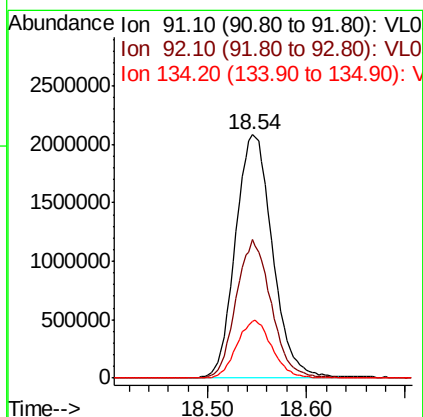
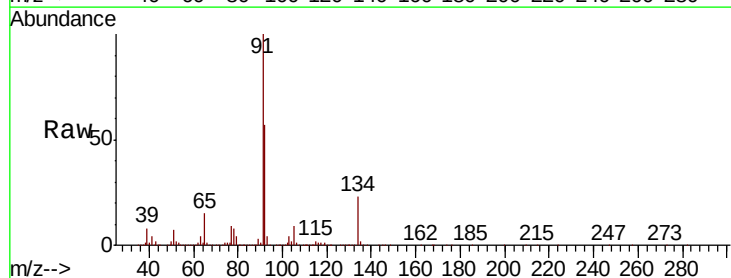
#69
 p-Isopropyltoluene
 Concen: 8.154 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 8:24

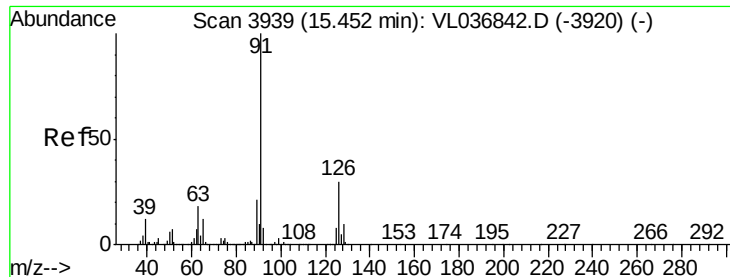
Tot Ion: 119 Resp: 5300251
 Ion Ratio Lower Upper
 119 100
 134 25.5 20.6 31.0
 91 30.5 24.2 36.4



#70
 n-Butylbenzene
 Concen: 8.265 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T. -0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

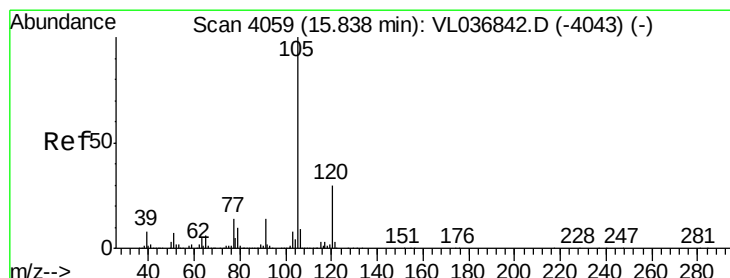
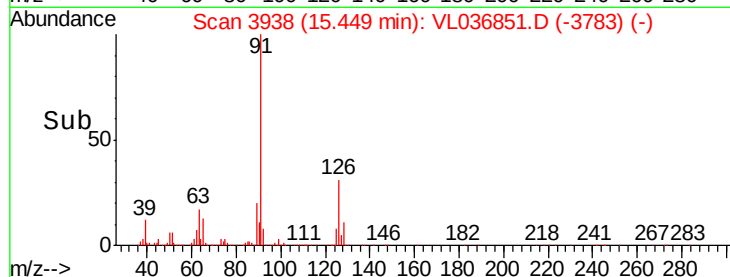
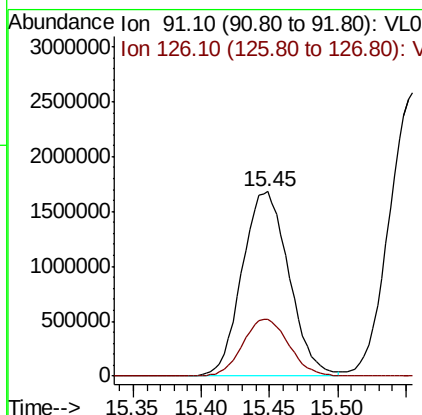
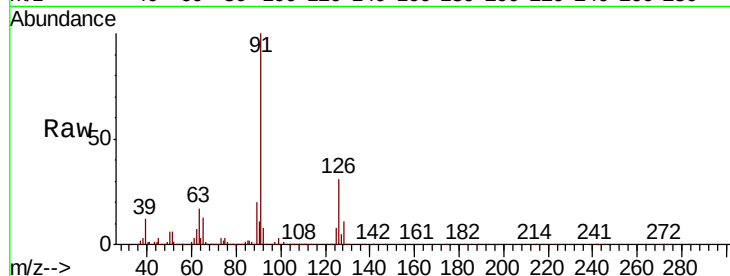
Tgt Ion: 91 Resp: 5415376
 Ion Ratio Lower Upper
 91 100
 92 54.0 43.5 65.3
 134 22.7 18.2 27.4





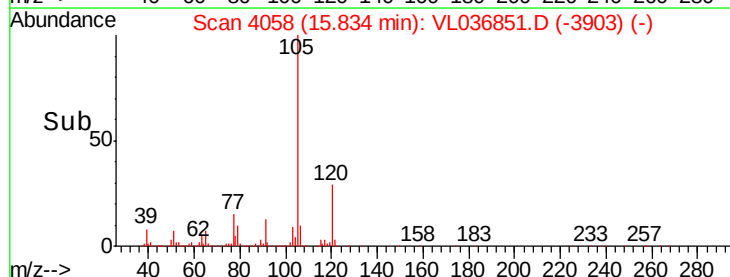
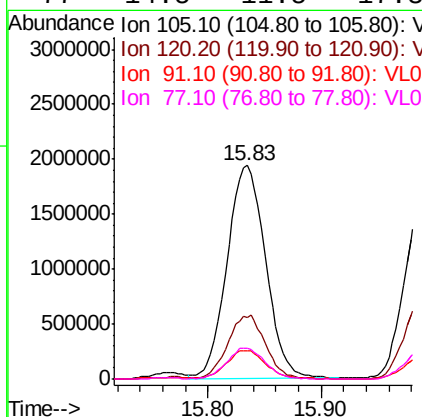
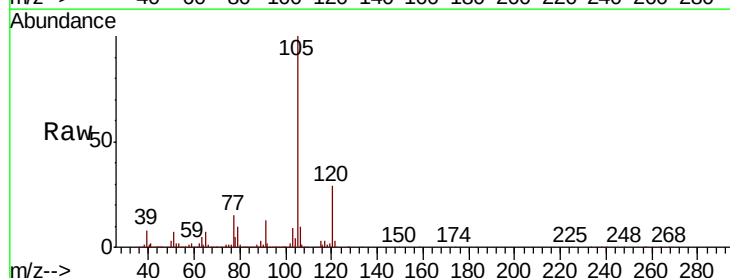
#71
 2-Chlorotoluene
 Concen: 8.173 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 8:24

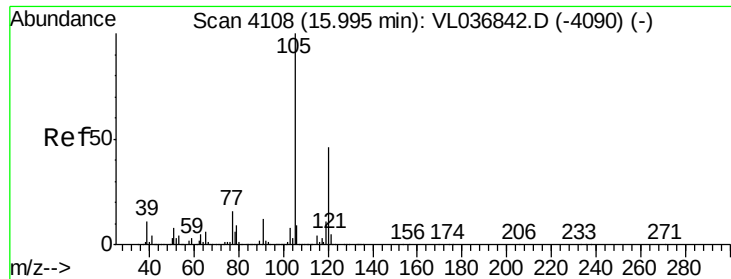
Tot Ion: 91 Resp: 3997706
 Ion Ratio Lower Upper
 91 100
 126 31.2 12.3 49.3



#72
 4-Ethyltoluene
 Concen: 8.788 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. -0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

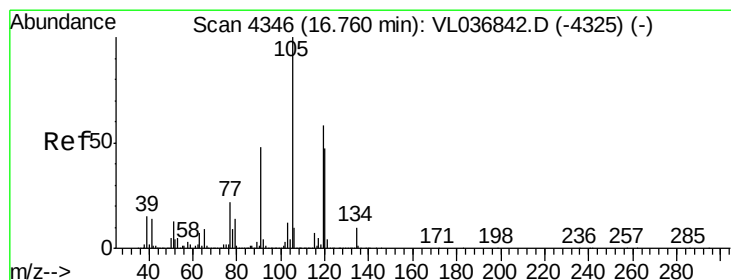
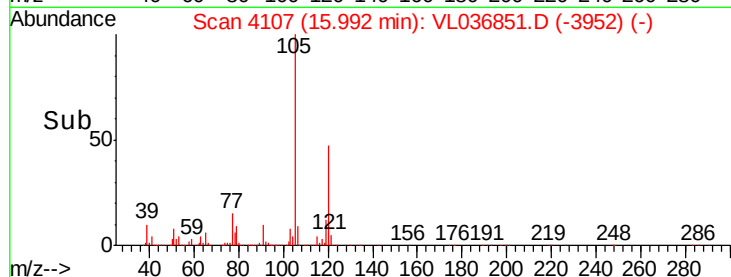
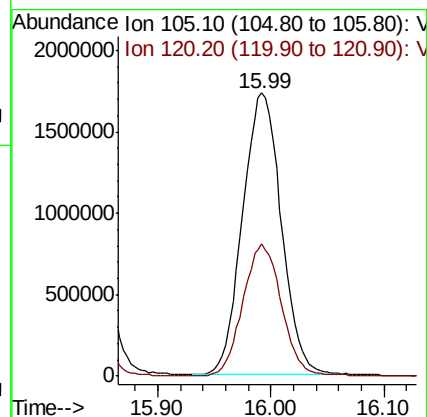
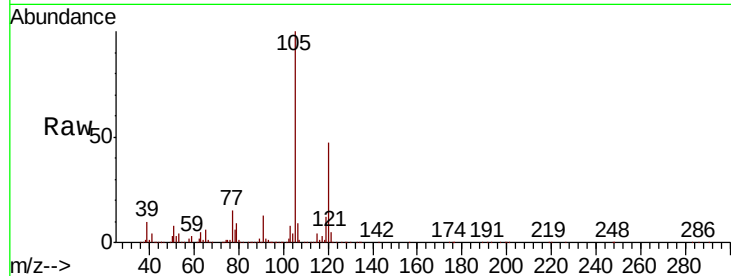
Tgt Ion:105 Resp: 4578561
 Ion Ratio Lower Upper
 105 100
 120 29.4 23.8 35.6
 91 13.4 10.7 16.1
 77 14.5 11.5 17.3





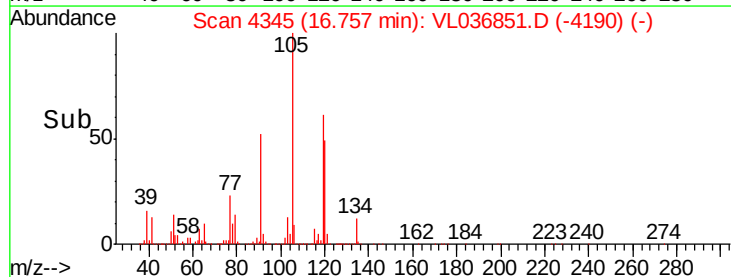
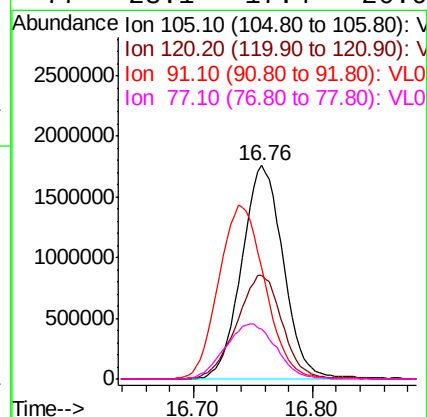
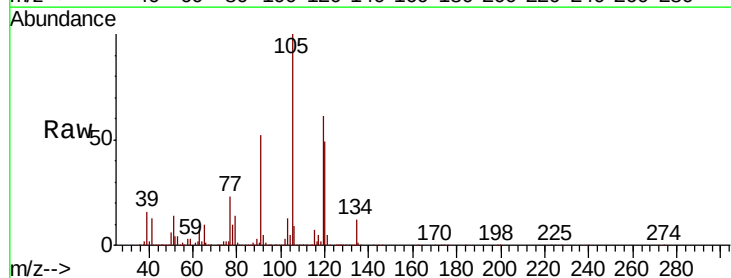
#73
 1,3,5-Trimethylbenzene
 Concen: 8.171 ppbv
 RT: 15.99 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 8:24

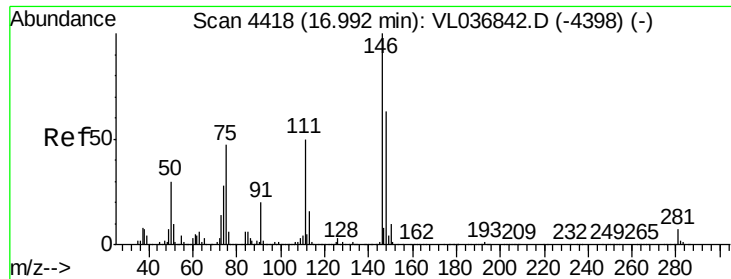
Tot Ion:105 Resp: 4128537
 Ion Ratio Lower Upper
 105 100
 120 46.8 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 7.879 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. -0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

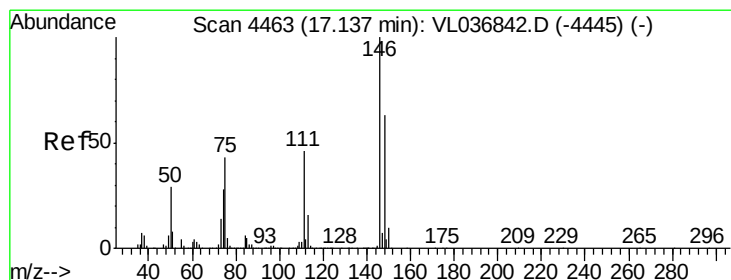
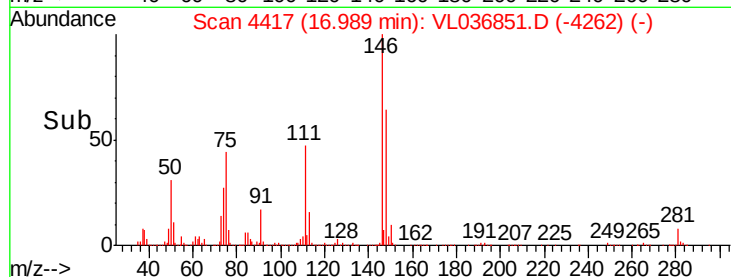
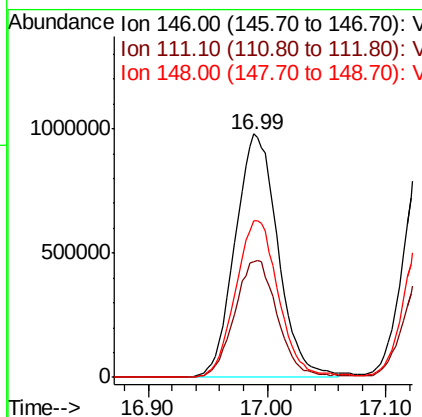
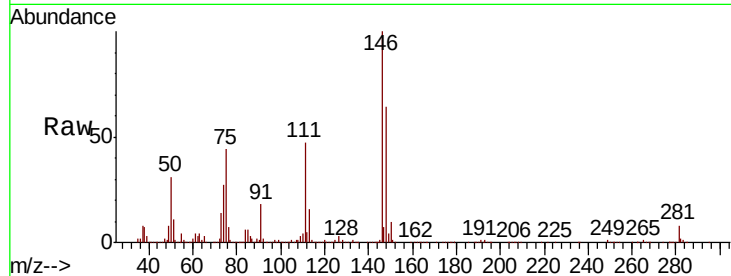
Tgt Ion:105 Resp: 4228938
 Ion Ratio Lower Upper
 105 100
 120 48.3 37.6 56.4
 91 51.4 39.0 58.4
 77 23.1 17.4 26.0





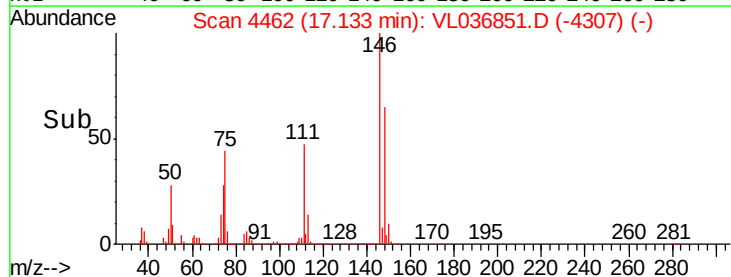
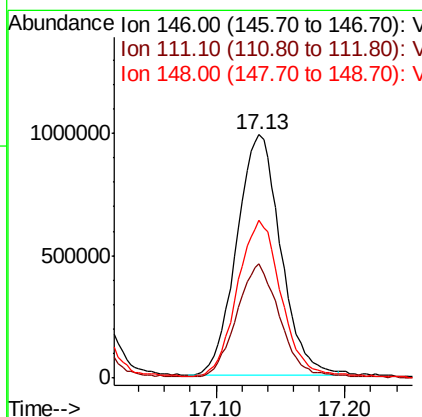
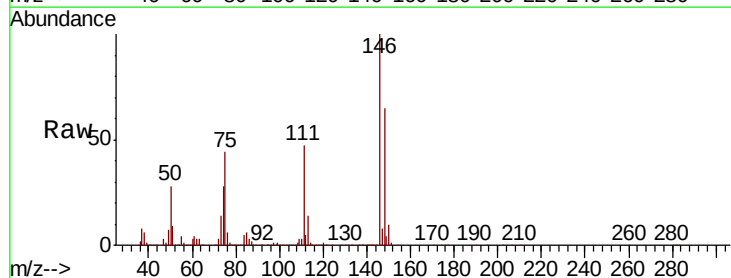
#75
 1,3-Dichlorobenzene
 Concen: 7.681 ppbv
 RT: 16.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 8:24

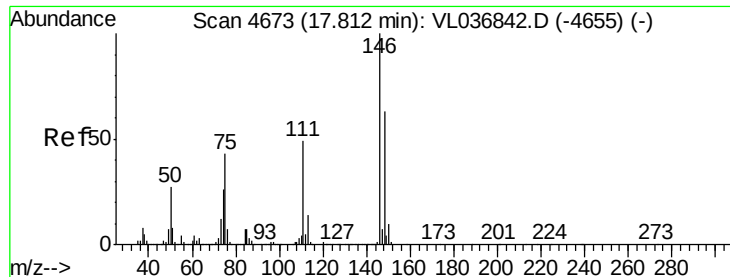
Tot Ion:146 Resp: 2437086
 Ion Ratio Lower Upper
 146 100
 111 48.2 24.2 72.6
 148 64.8 32.1 96.3



#76
 1,4-Dichlorobenzene
 Concen: 7.543 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T.: -0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

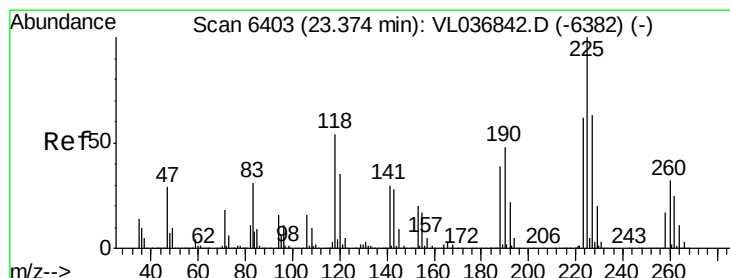
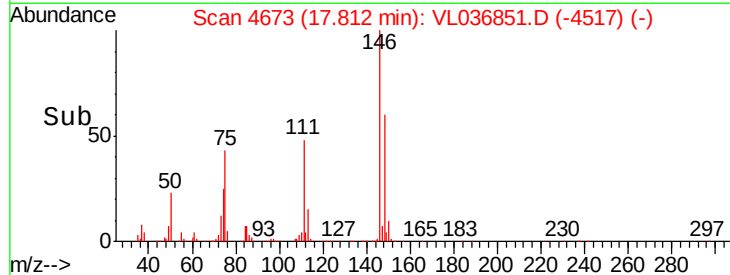
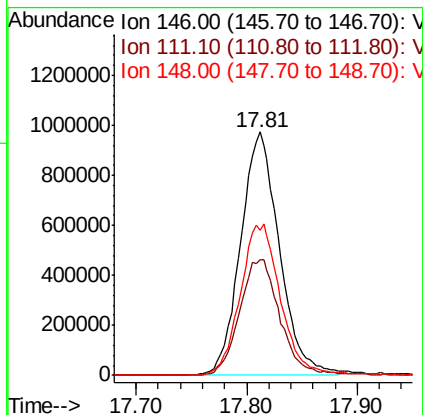
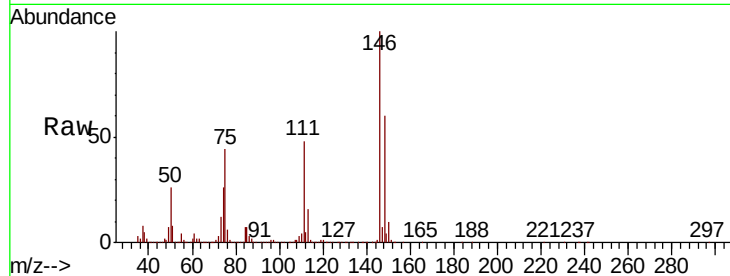
Tgt Ion:146 Resp: 2341848
 Ion Ratio Lower Upper
 146 100
 111 46.9 24.3 72.8
 148 66.3 32.4 97.0





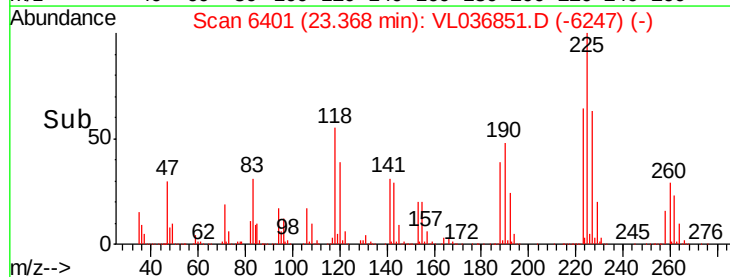
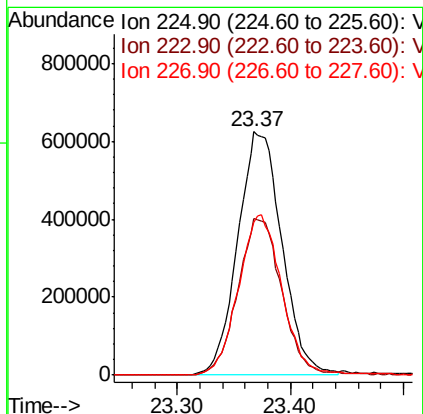
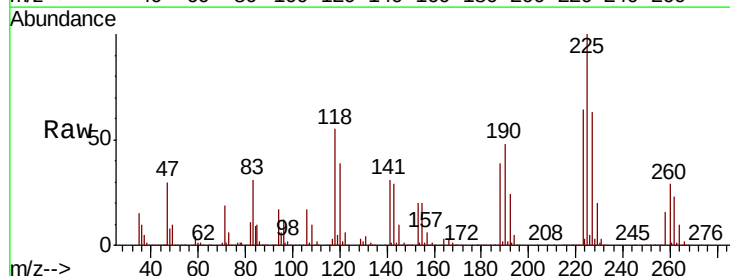
#77
 1,2-Dichlorobenzene
 Concen: 7.610 ppbv
 RT: 17.81 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 8:24

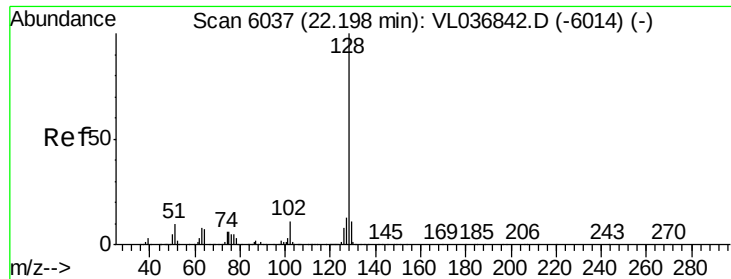
Tot Ion:146 Resp: 2358336
 Ion Ratio Lower Upper
 146 100
 111 49.9 25.0 75.0
 148 65.2 32.4 97.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.424 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. -0.01 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion:225 Resp: 1691600
 Ion Ratio Lower Upper
 225 100
 223 64.6 51.2 76.8
 227 65.4 51.8 77.6





#79

Naphthalene

Concen: 8.514 ppbv

RT: 22.19 min

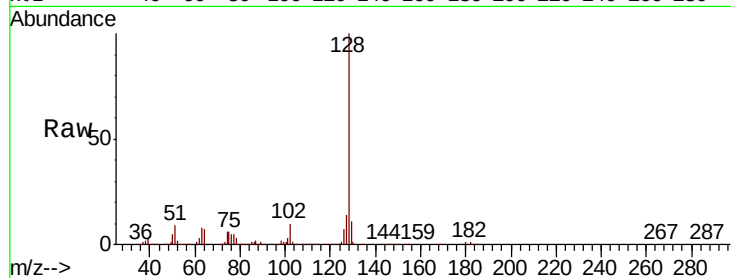
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 8:24

Tot Ion:128 Resp: 2559312

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	10.9	9.0	13.4

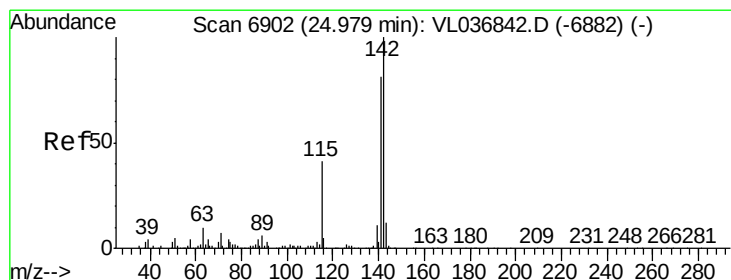
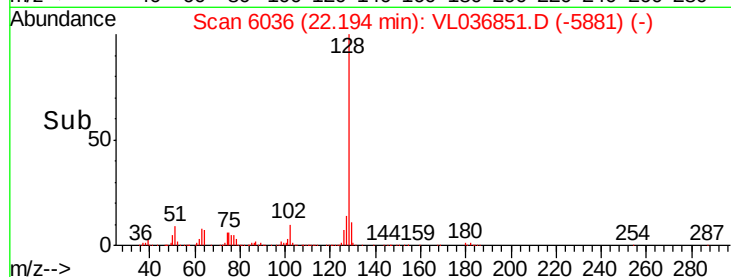
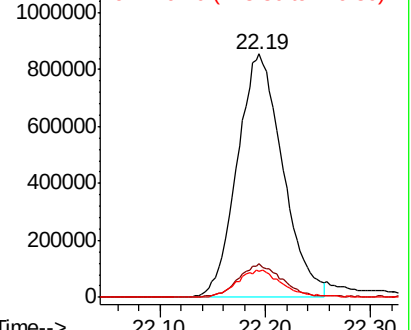


Abundance

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: 7.363 ppbv

RT: 24.99 min Scan# 6904

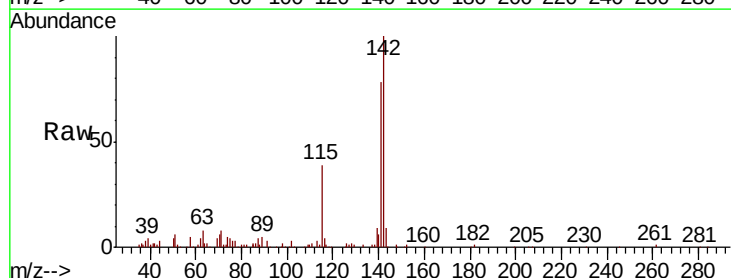
Delta R.T. 0.01 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

Tgt Ion:142 Resp: 244068

Ion	Ratio	Lower	Upper
142	100		
141	84.7	62.6	93.8
115	37.8	32.0	48.0

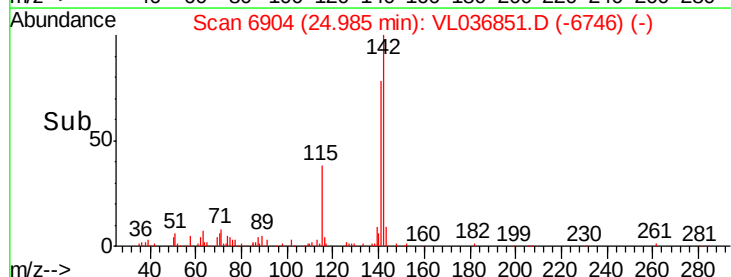
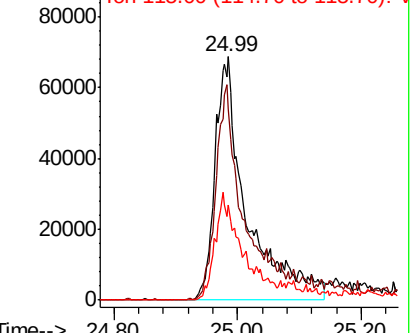


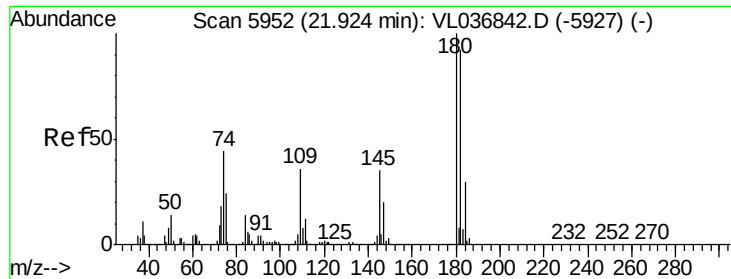
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 7.775 ppbv

RT: 21.92

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 8.24

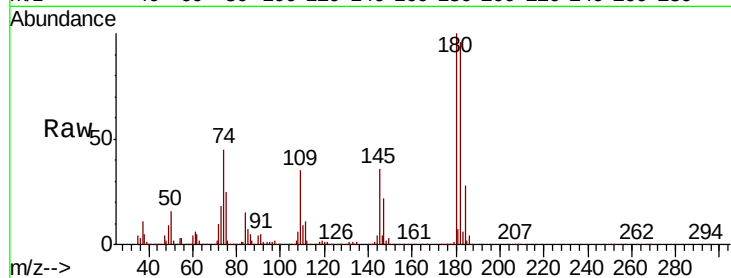
Tot Ion:180 Resp: 1511636

Ion Ratio Lower Upper

180 100

182 100.2 80.9 121.3

184 32.9 25.3 37.9



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

