

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030321\
 Data File : VL036442.D
 Acq On : 3 Mar 2021 17:11
 Operator : SY/AP
 Sample : VL0303ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0303ABS01

Quant Time: Mar 04 03:03:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 14:18:24 2021
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1678983	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4075869	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4645266	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3230031	8.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2270832	9.786 ppbv	99
3) Chlorodifluoromethane	2.99	51	1782723	8.977 ppbv	100
4) Chloromethane	3.15	50	910128	9.644 ppbv	98
5) Vinyl Chloride	3.26	62	879751	9.873 ppbv	100
6) Bromomethane	3.48	94	509933	9.231 ppbv	95
7) Chloroethane	3.56	64	302908	9.025 ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	2071541	9.088 ppbv	100
9) Propene	3.02	41	810978	9.372 ppbv	100
10) Heptane	8.14	43	2079078	9.745 ppbv	100
11) Trichlorofluoromethane	3.96	101	2223964	9.281 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1414464	9.255 ppbv	99
13) Ethanol	3.62	45	62172	4.683 ppbv #	30
14) Bromoethene	3.75	108	612818	9.658 ppbv	99
15) Acetone	3.86	43	1641384	8.555 ppbv	99
16) 1,3-Butadiene	3.33	39	857050	9.261 ppbv	99
17) tert-Butyl alcohol	4.30	59	1391263	9.144 ppbv	100
18) 1,1-Dichloroethene	4.29	96	622970	9.166 ppbv	92
19) Isopropyl Alcohol	3.98	45	870845	8.076 ppbv #	97
20) Methylene Chloride	4.35	84	559045	8.644 ppbv	95
21) Allyl Chloride	4.42	41	1007680	9.314 ppbv	98
22) trans-1,2-Dichloroethene	4.90	96	556716	9.046 ppbv	97
23) Vinyl Acetate	5.09	43	2119198	9.759 ppbv	99
24) 1,1-Dichloroethane	5.02	63	1659272	9.681 ppbv	100
25) Ethyl Acetate	5.69	43	3576583	9.587 ppbv	100
26) Hexane	5.70	57	1423156	9.323 ppbv	99
27) Carbon Disulfide	4.56	76	1578231	10.417 ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	2018202	9.866 ppbv	99
29) Chloroform	5.77	83	2303965	9.225 ppbv	98
30) Cyclohexane	7.14	84	1201082	9.523 ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1450133	9.835 ppbv	94
32) 1,1,1-Trichloroethane	6.53	97	2247906	8.958 ppbv	100
34) 2-Butanone	5.26	43	2225180	9.057 ppbv	100
35) Carbon Tetrachloride	7.03	117	2350023	8.923 ppbv	98
36) Benzene	6.91	78	2981662	9.428 ppbv	98
37) 1,2-Dichloroethane	6.32	62	1761356	8.863 ppbv	100
38) Trichloroethene	7.85	130	1071025	8.961 ppbv	97
39) 1,2-Dichloropropane	7.63	63	1192727	8.869 ppbv	98
40) 1,4-Dioxane	7.85	88	357539	8.099 ppbv #	1
41) Tetrahydrofuran	6.06	42	1333687	9.733 ppbv	99
42) Bromodichloromethane	7.81	83	2458027	9.152 ppbv	100
43) Methyl Methacrylate	8.03	69	1307427	10.207 ppbv	100

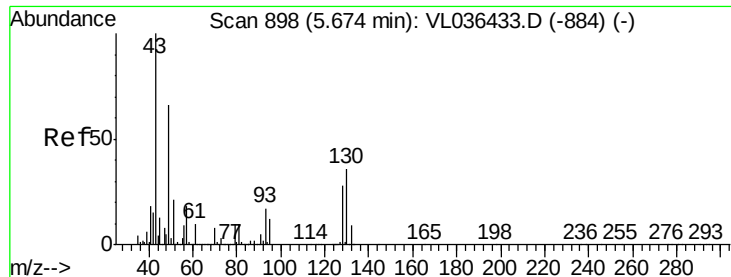
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030321\
 Data File : VL036442.D
 Acq On : 3 Mar 2021 17:11
 Operator : SY/AP
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 14:18:24 2021
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5097776	8.840	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	1381105	11.079	ppbv	99
46) cis-1,3-Dichloropropene	8.72	75	1707654	10.493	ppbv	98
47) 1,1,2-Trichloroethane	9.49	97	1193346	8.901	ppbv	97
48) Dibromochloromethane	10.32	129	1943733	9.574	ppbv	100
49) Bromoform	13.06	173	1536243	9.250	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	3479673	9.728	ppbv	100
51) 2-Hexanone	10.15	43	2763829	10.221	ppbv #	100
52) Tetrachloroethene	11.24	164	994847	8.388	ppbv	97
53) Toluene	9.82	91	3320962	9.750	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1733375	8.956	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.14	131	1452036	7.054	ppbv	96
57) Chlorobenzene	12.17	112	2392646	7.131	ppbv	99
58) Ethyl Benzene	12.73	91	4439939	7.693	ppbv	100
59) m/p-Xylene	13.02	91	3593021	7.041	ppbv #	26
60) o-Xylene	13.71	91	3498439	7.136	ppbv	99
61) Styrene	13.55	104	2460981	8.255	ppbv	100
62) Isopropylbenzene	14.69	105	5221580	7.064	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.70	83	2372513	6.190	ppbv	100
64) n-propylbenzene	15.58	120	1337584	7.244	ppbv	100
65) tert-Butylbenzene	16.76	119	4342695	6.753	ppbv	100
66) Benzyl Chloride	17.01	91	1412710	7.869	ppbv	99
67) sec-Butylbenzene	17.32	105	6130491	6.826	ppbv	99
69) p-Isopropyltoluene	17.67	119	5057106	7.038	ppbv	99
70) n-Butylbenzene	18.57	91	5269858	7.095	ppbv	100
71) 2-Chlorotoluene	15.47	91	3956079	7.115	ppbv	99
72) 4-Ethyltoluene	15.86	105	3990978	7.495	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	3691418	7.146	ppbv	100
74) 1,2,4-Trimethylbenzene	16.79	105	3739064	6.817	ppbv	98
75) 1,3-Dichlorobenzene	17.02	146	2044404	6.712	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	1988407	6.533	ppbv	100
77) 1,2-Dichlorobenzene	17.84	146	1971288	6.610	ppbv	100
78) Hexachloro-1,3-Butadiene	23.40	225	1762533	7.427	ppbv	98
79) Naphthalene	22.23	128	3539725	11.018	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	870429	12.530	ppbv	98
81) 1,2,4-Trichlorobenzene	21.96	180	1771341	9.592	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0303ABS01

Acq: 3 Mar 2021 17:11

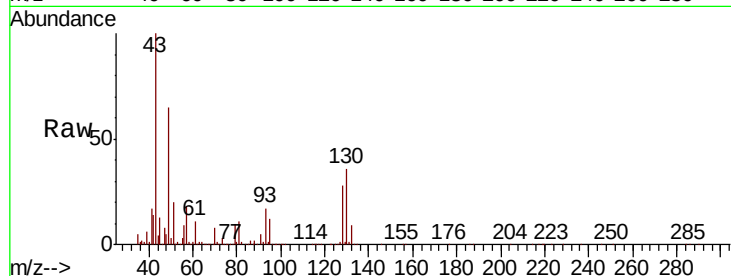
Tot Ion: 49 Resp: 1678983

Ion Ratio Lower Upper

49 100

128 44.7 22.4 67.2

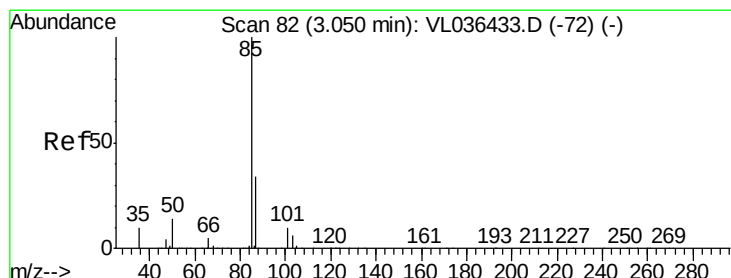
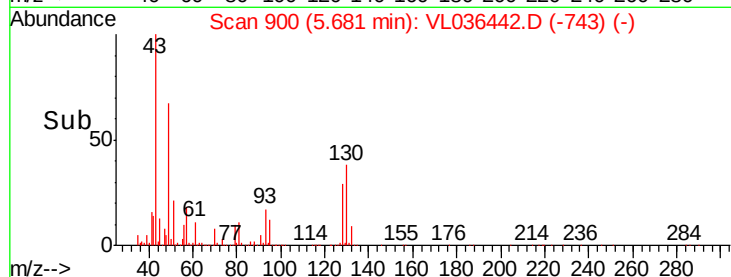
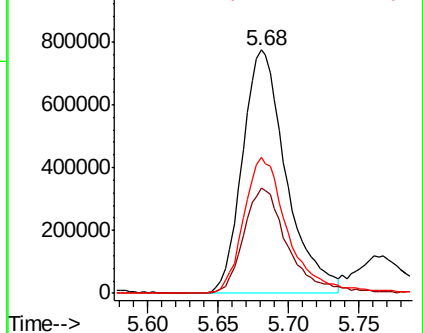
130 57.2 28.0 84.0



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: 9.786 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL036442.D

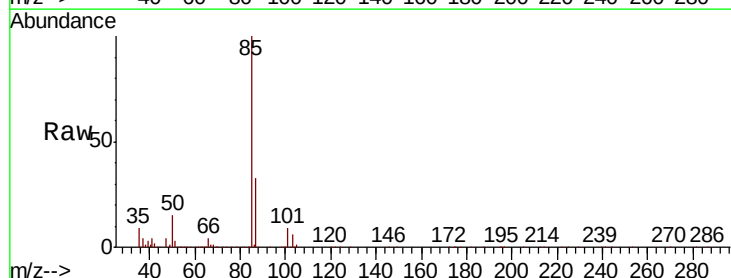
Acq: 3 Mar 2021 17:11

Tgt Ion: 85 Resp: 2270832

Ion Ratio Lower Upper

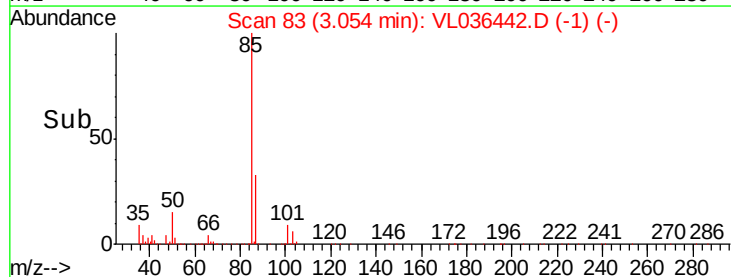
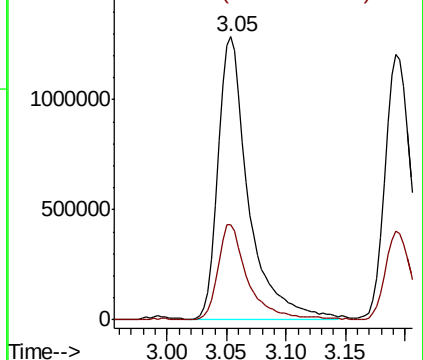
85 100

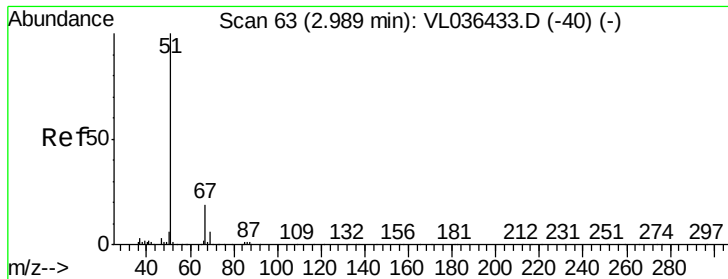
87 33.4 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.977 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

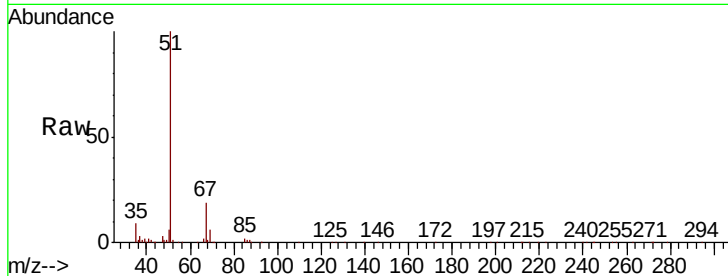
Acq: 3 Mar 2021 17:11 VL0303ABS01

Tot Ion: 51 Resp: 1782723

Ion Ratio Lower Upper

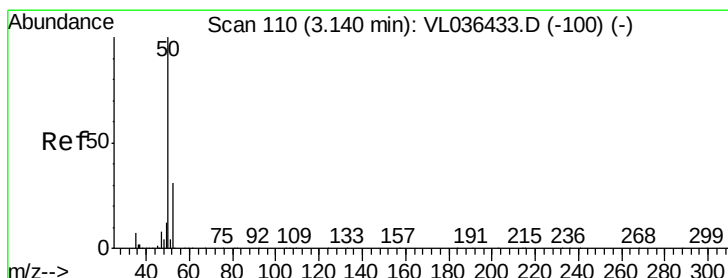
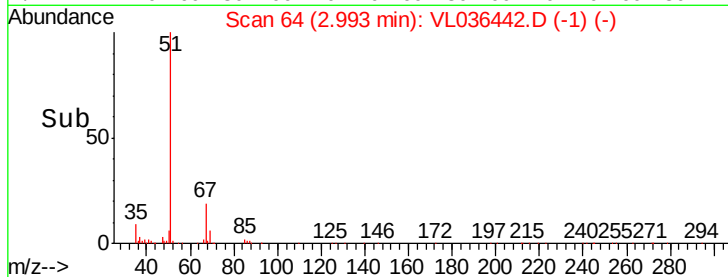
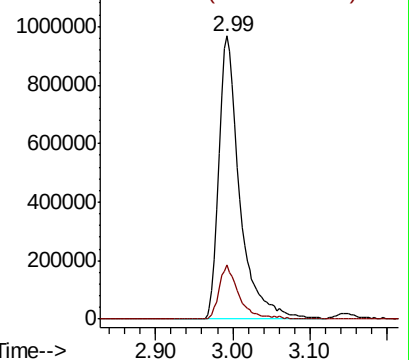
51 100

67 18.3 14.8 22.2



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.644 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL036442.D

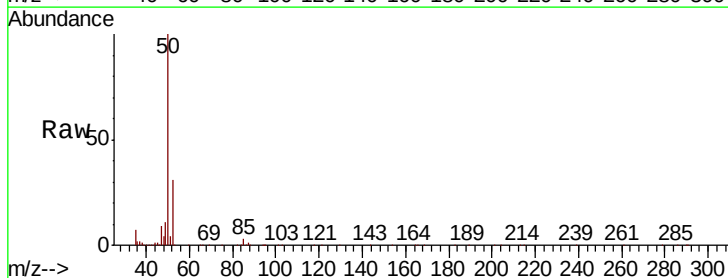
Acq: 3 Mar 2021 17:11

Tgt Ion: 50 Resp: 910128

Ion Ratio Lower Upper

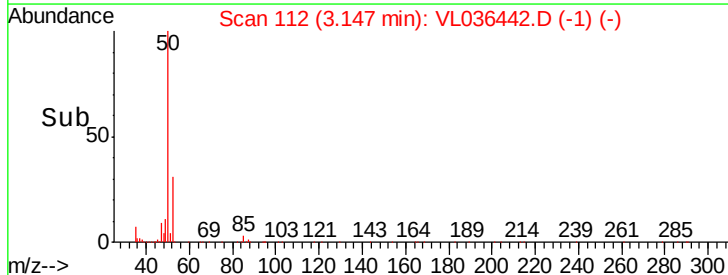
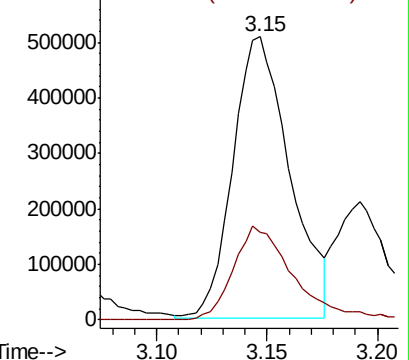
50 100

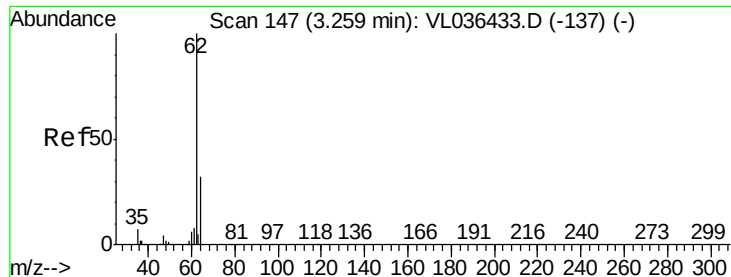
52 31.6 24.6 36.8



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.873 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0303ABS01

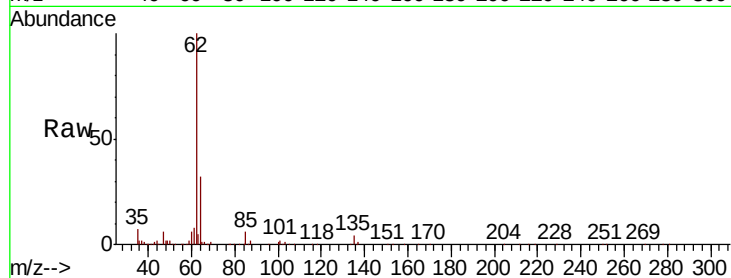
Acq: 3 Mar 2021 17:11

Tot Ion: 62 Resp: 879751

Ion Ratio Lower Upper

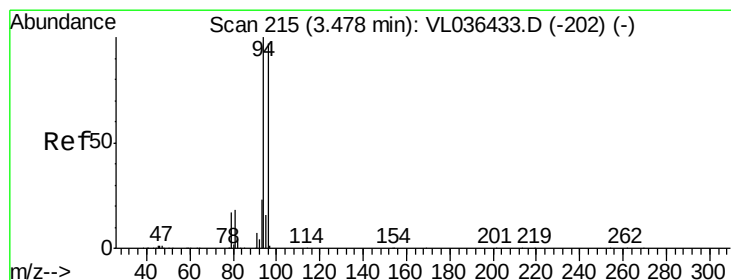
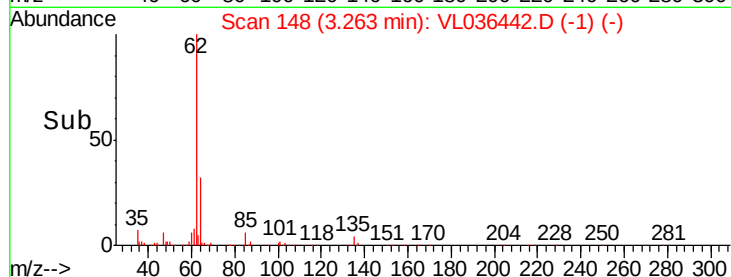
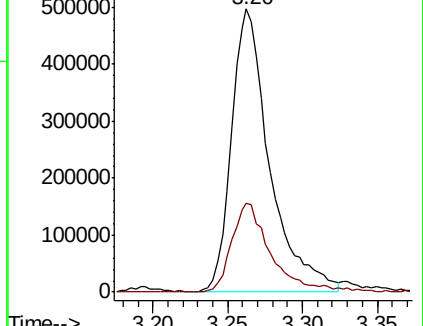
62 100

64 31.6 25.4 38.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.231 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL036442.D

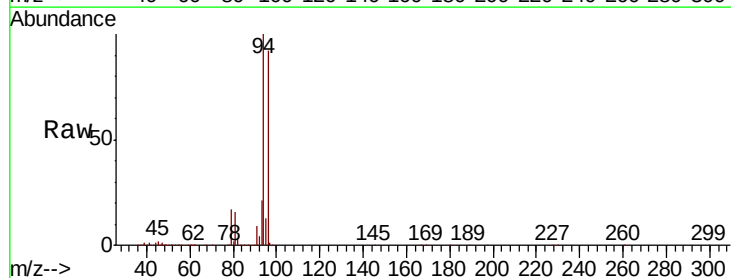
Acq: 3 Mar 2021 17:11

Tgt Ion: 94 Resp: 509933

Ion Ratio Lower Upper

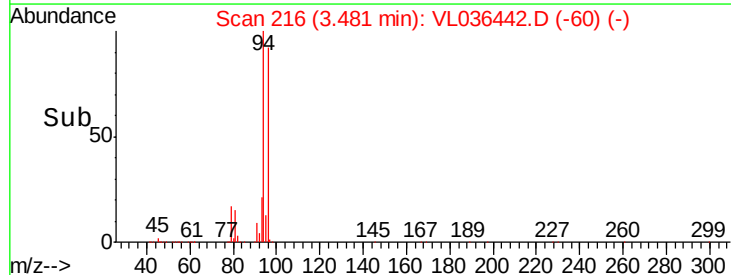
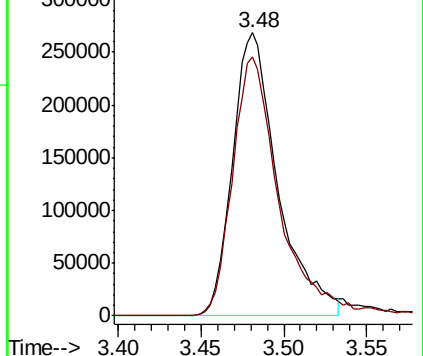
94 100

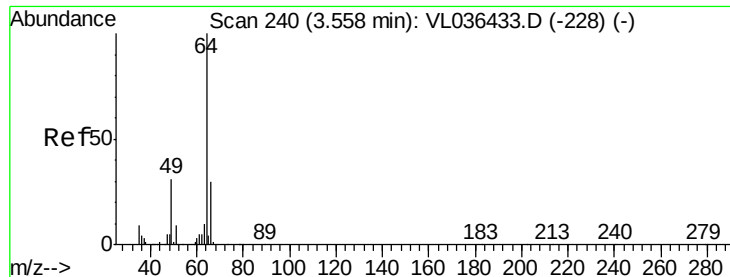
96 91.6 77.3 115.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.025 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

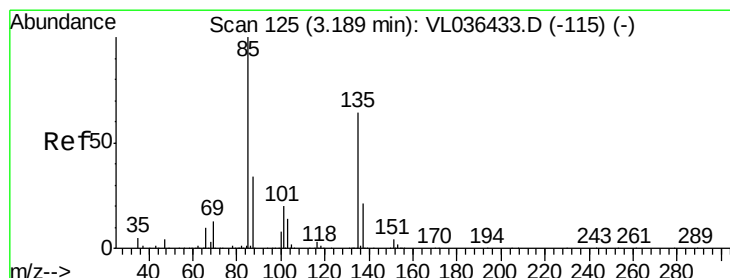
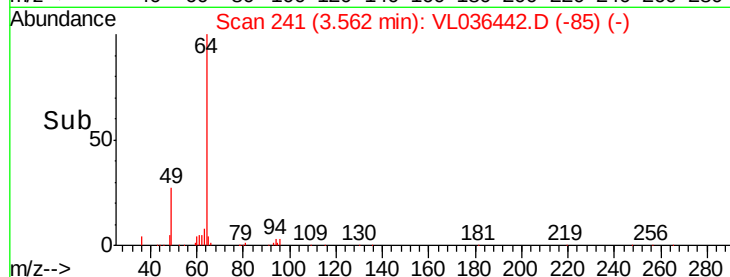
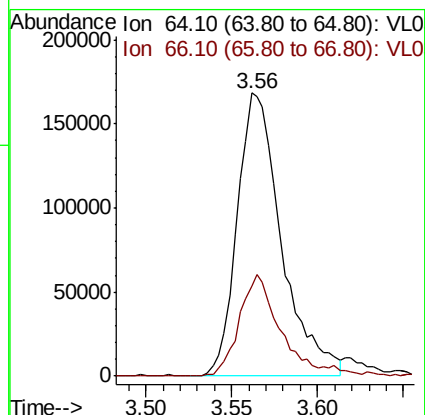
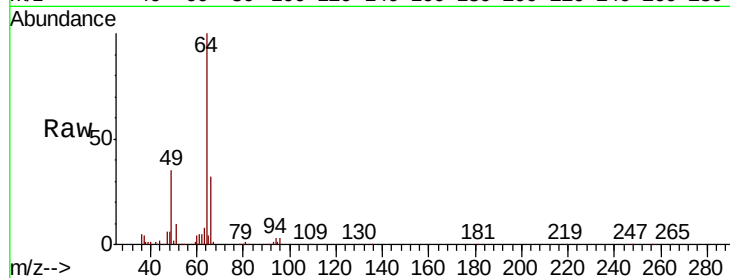
Acq: 3 Mar 2021 17:11 VL0303ABS01

Tot Ion: 64 Resp: 302908

Ion Ratio Lower Upper

64 100

66 31.7 24.3 36.5



#8

Dichlorotetrafluoroethane

Concen: 9.088 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL036442.D

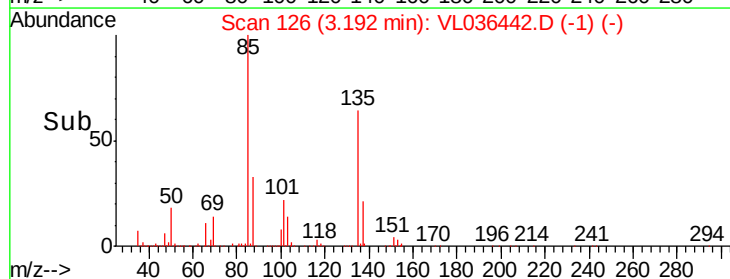
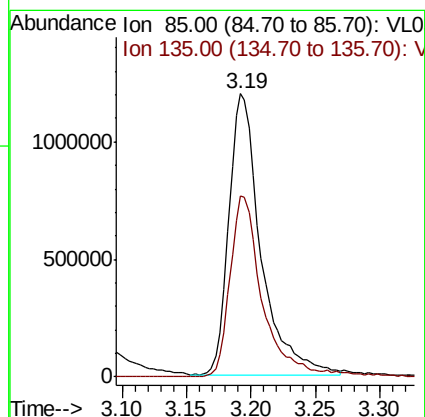
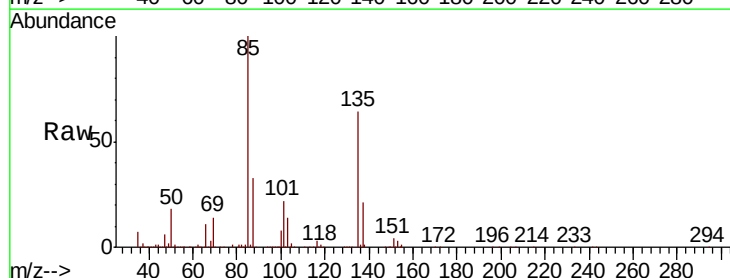
Acq: 3 Mar 2021 17:11

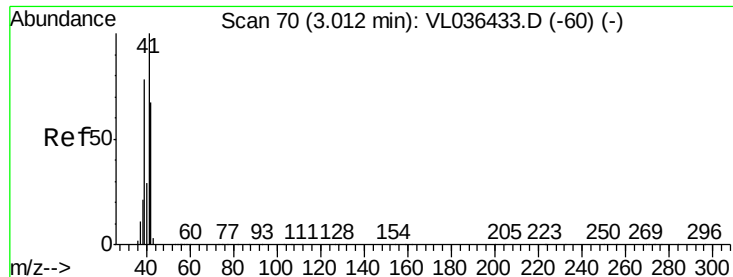
Tgt Ion: 85 Resp: 2071541

Ion Ratio Lower Upper

85 100

135 66.4 52.8 79.2





#9

Propene

Concen: 9.372 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

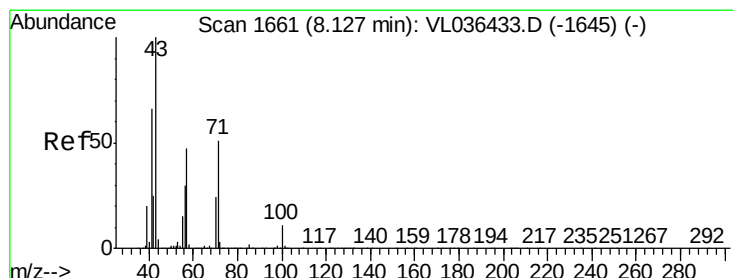
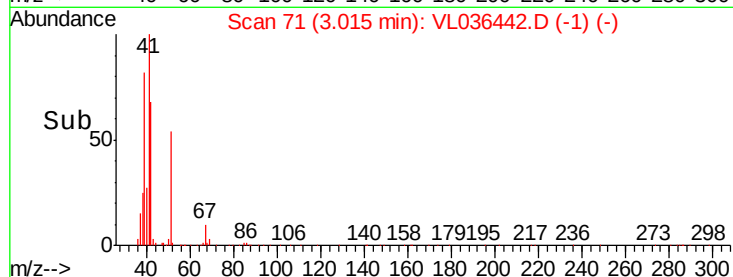
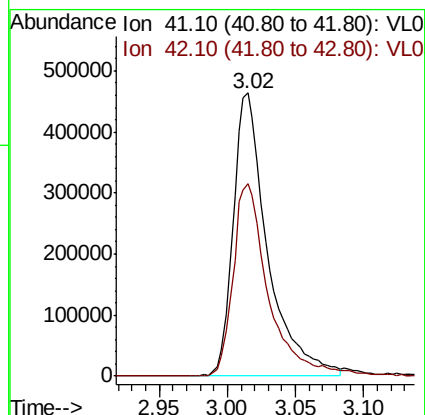
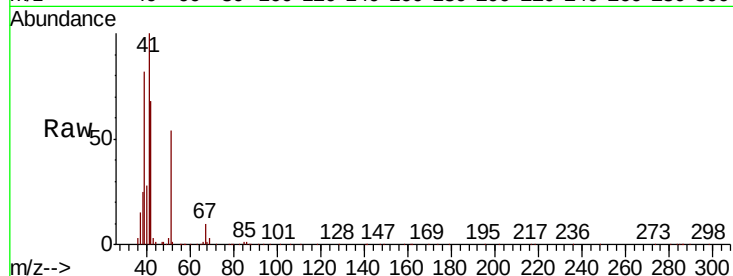
Acq: 3 Mar 2021 17:11 VL0303ABS01

Tot Ion: 41 Resp: 810978

Ion Ratio Lower Upper

41 100

42 70.5 56.2 84.4



#10

Heptane

Concen: 9.745 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VL036442.D

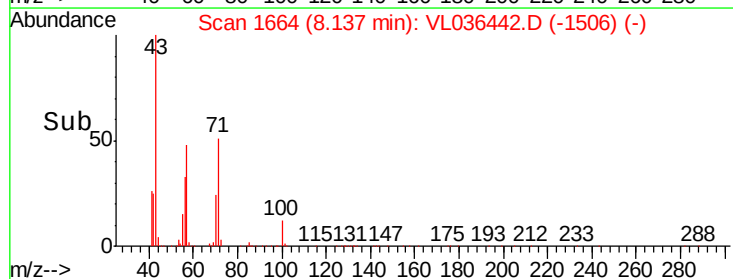
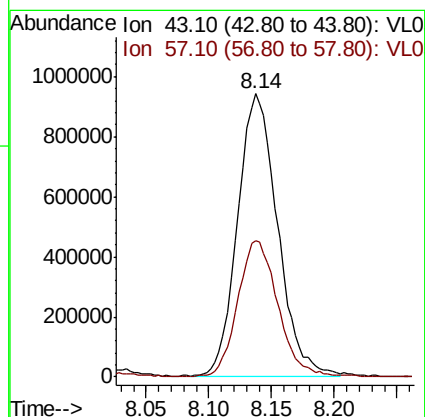
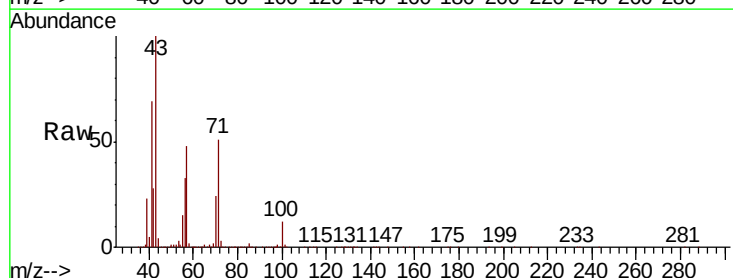
Acq: 3 Mar 2021 17:11

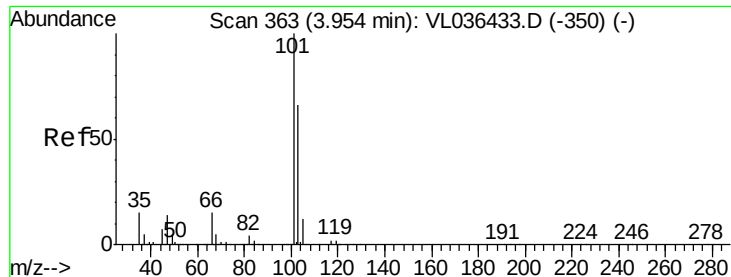
Tgt Ion: 43 Resp: 2079078

Ion Ratio Lower Upper

43 100

57 48.8 39.1 58.7





#11

Trichlorofluoromethane

Concen: 9.281 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

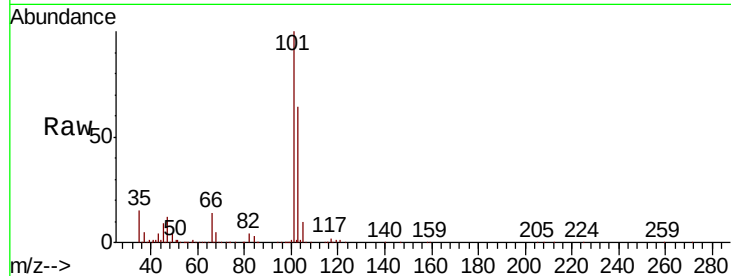
Acq: 3 Mar 2021 17:11 VL0303ABS01

Tot Ion:101 Resp: 2223964

Ion Ratio Lower Upper

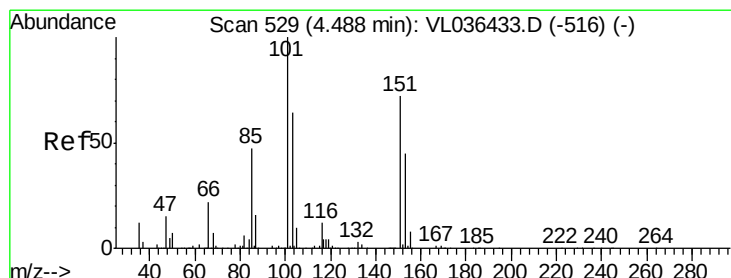
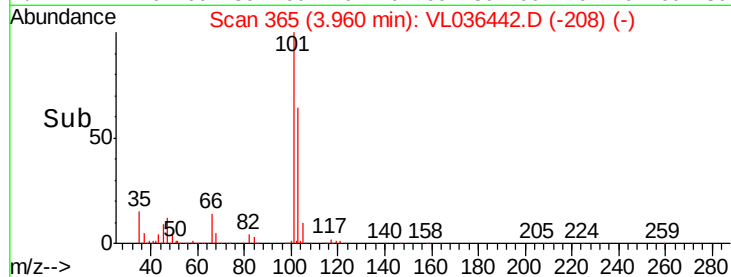
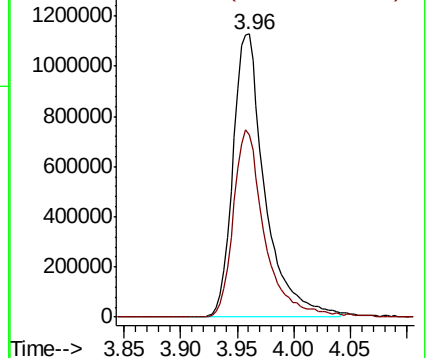
101 100

103 64.4 52.4 78.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.255 ppbv

RT: 4.49 min Scan# 531

Delta R.T. 0.01 min

Lab File: VL036442.D

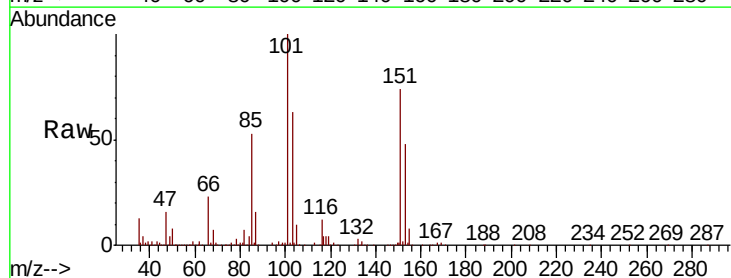
Acq: 3 Mar 2021 17:11

Tgt Ion:101 Resp: 1414464

Ion Ratio Lower Upper

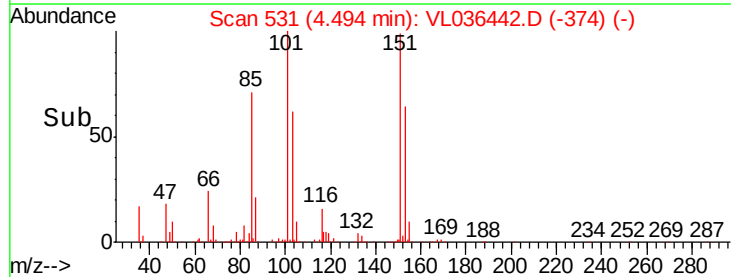
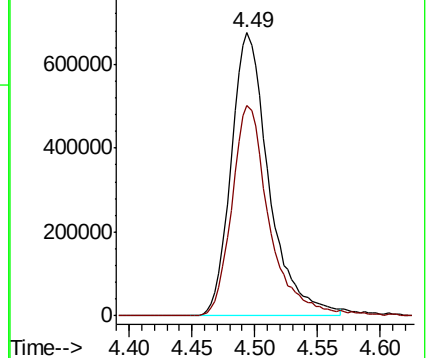
101 100

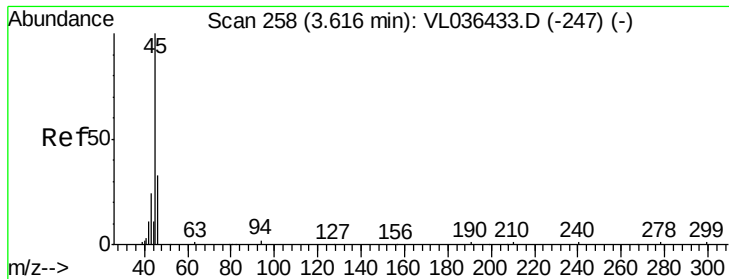
151 74.3 59.0 88.4



Abundance Ion 101.00 (100.70 to 101.70): V

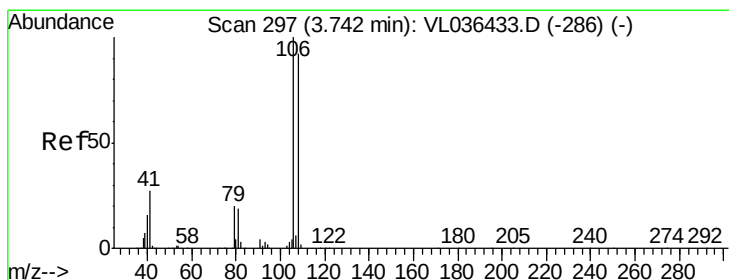
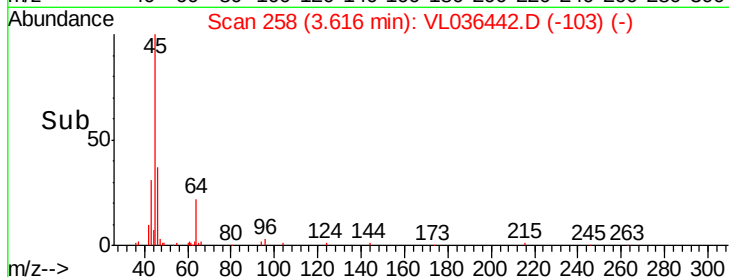
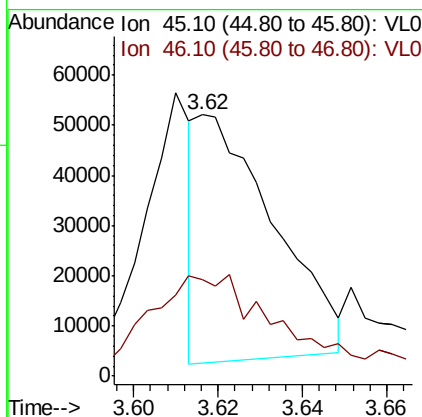
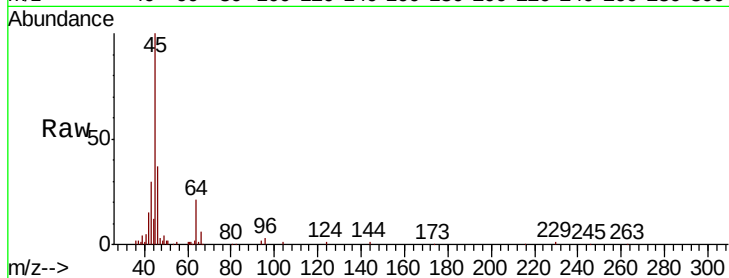
Ion 151.00 (150.70 to 151.70): V





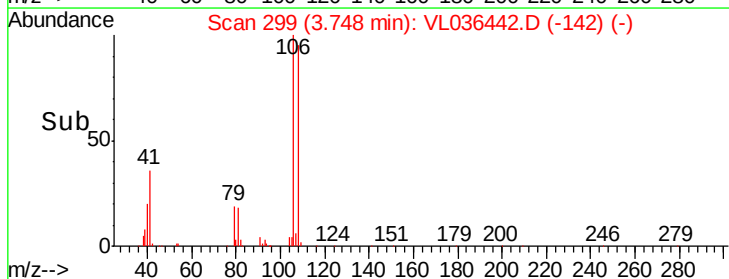
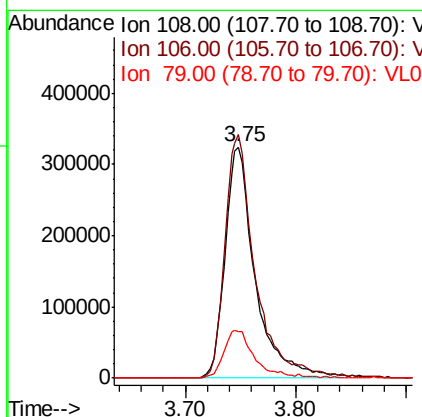
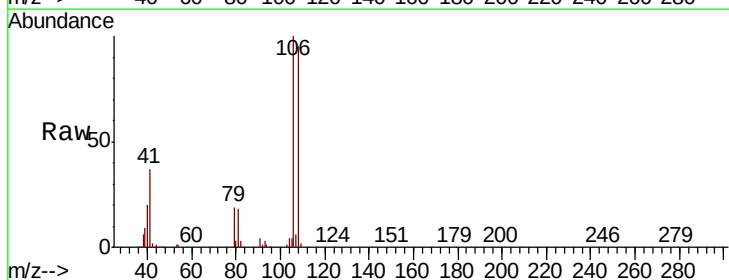
#13
Ethanol
Concen: 4.683 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 17:11

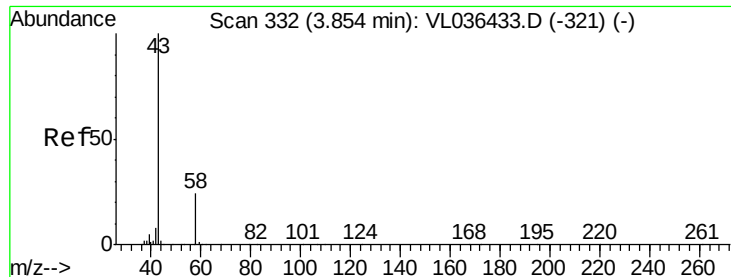
Tot Ion: 45 Resp: 62172
Ion Ratio Lower Upper
45 100
46 86.1 16.8 67.4#



#14
Bromoethene
Concen: 9.658 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 108 Resp: 612818
Ion Ratio Lower Upper
108 100
106 107.2 87.0 130.4
79 21.6 17.1 25.7





#15

Acetone

Concen: 8.555 ppbv

RT: 3.86 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0303ABS01

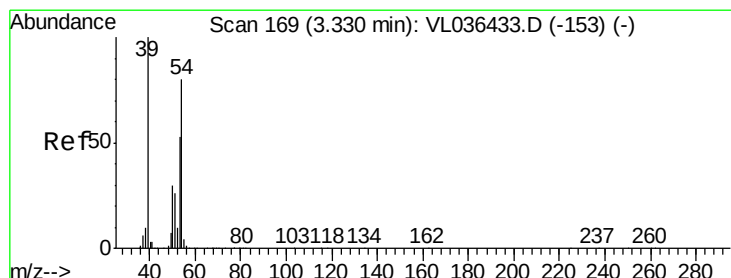
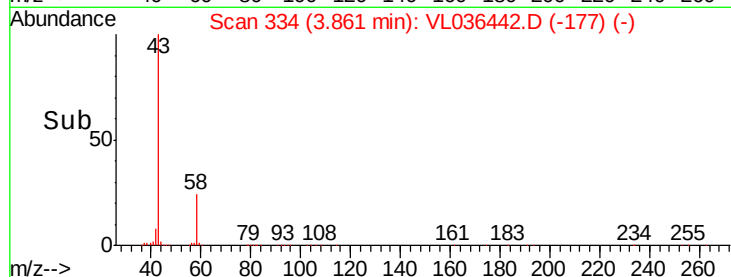
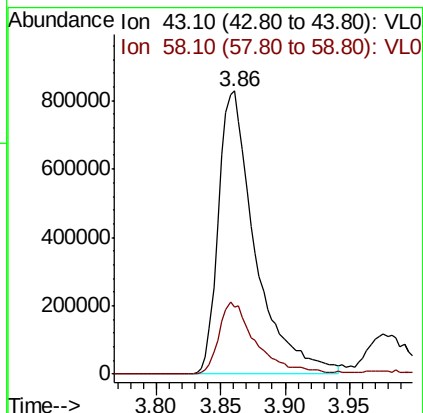
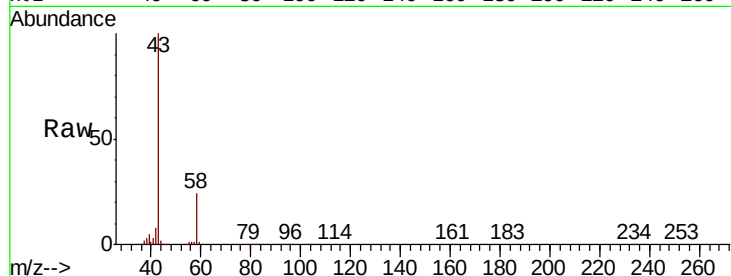
Acq: 3 Mar 2021 17:11

Tot Ion: 43 Resp: 1641384

Ion Ratio Lower Upper

43 100

58 25.9 21.0 31.6



#16

1,3-Butadiene

Concen: 9.261 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.00 min

Lab File: VL036442.D

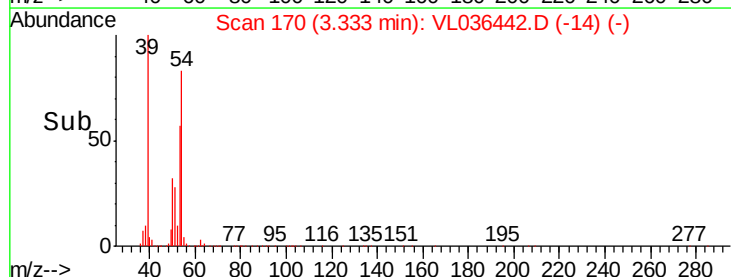
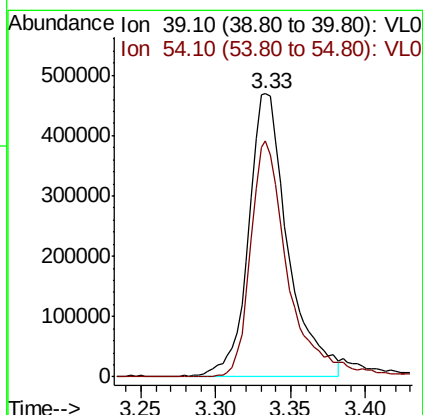
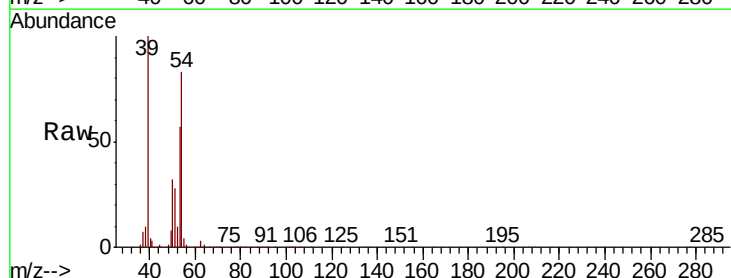
Acq: 3 Mar 2021 17:11

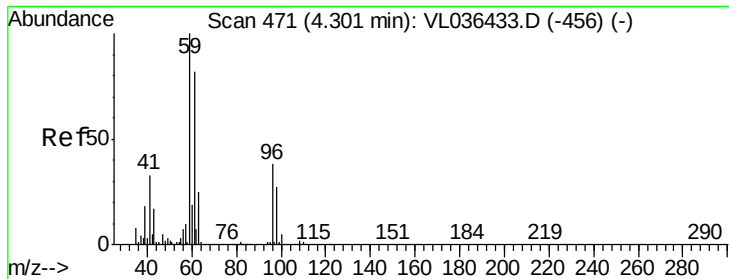
Tgt Ion: 39 Resp: 857050

Ion Ratio Lower Upper

39 100

54 81.1 64.5 96.7





#17

tert-Butyl alcohol

Concen: 9.144 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

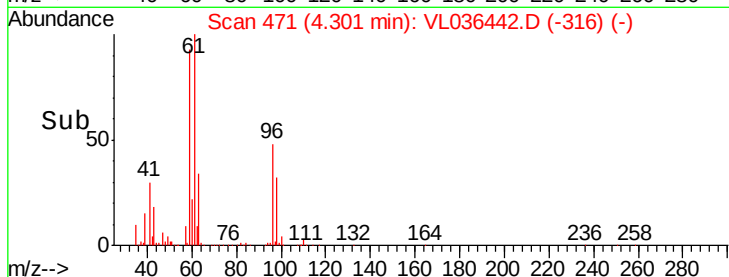
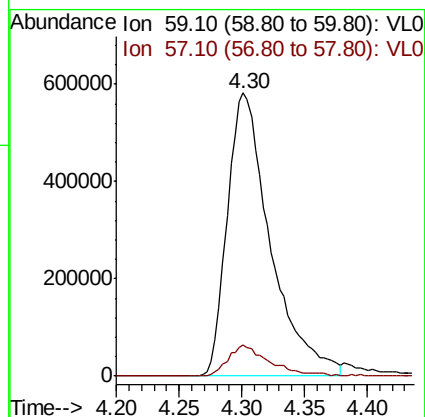
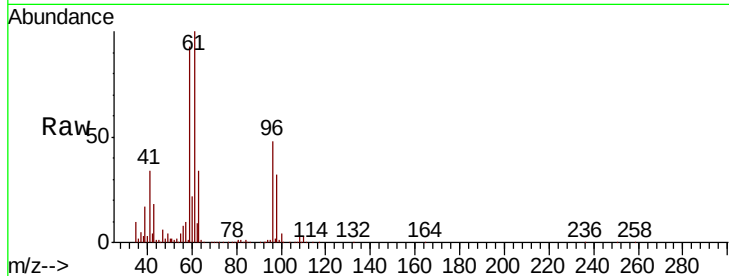
Acq: 3 Mar 2021 17:11 VL0303ABS01

Tot Ion: 59 Resp: 1391263

Ion Ratio Lower Upper

59 100

57 11.1 8.9 13.3



#18

1,1-Dichloroethene

Concen: 9.166 ppbv

RT: 4.29 min Scan# 469

Delta R.T. -0.00 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

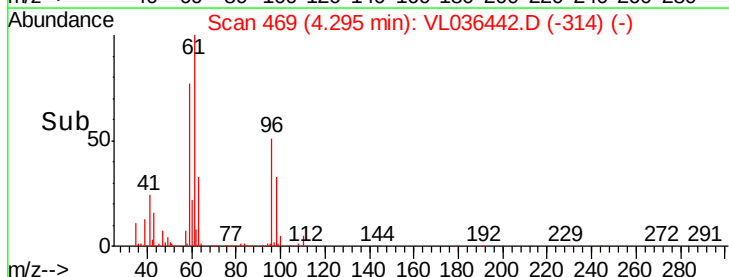
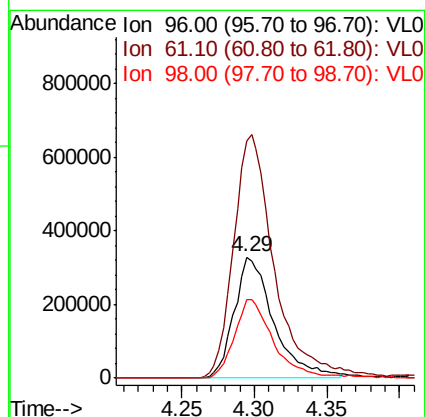
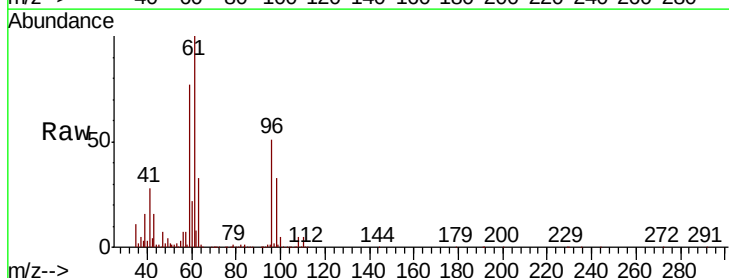
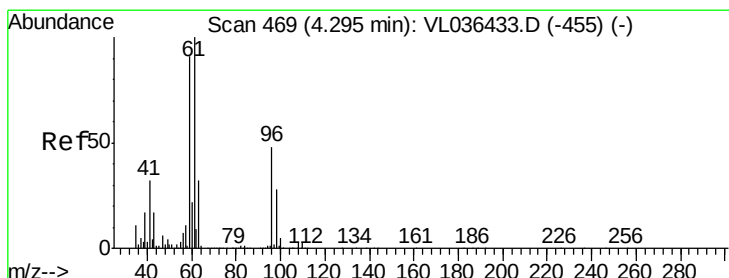
Tgt Ion: 96 Resp: 622970

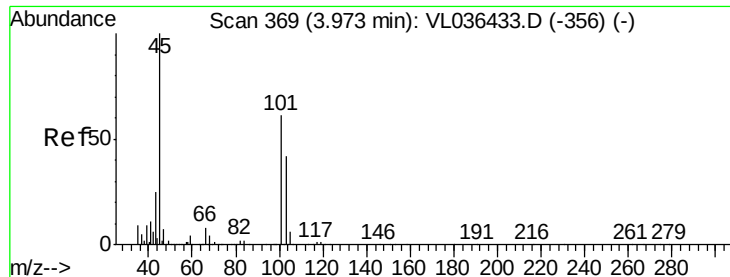
Ion Ratio Lower Upper

96 100

61 196.3 168.2 252.2

98 64.8 47.8 71.6





#19

Isopropyl Alcohol

Concen: 8.076 ppbv

RT: 3.98 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0303ABS01

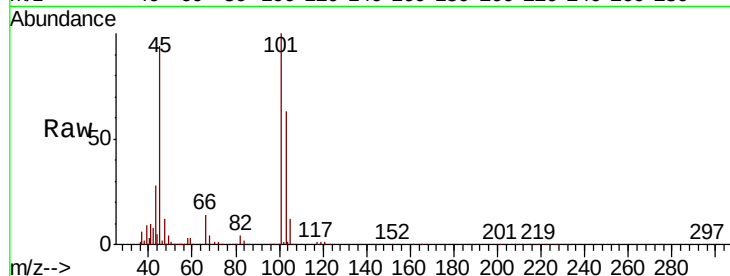
Acq: 3 Mar 2021 17:11

Tot Ion: 45 Resp: 870845

Ion Ratio Lower Upper

45 100

58 3.6 2.0 3.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.98

400000

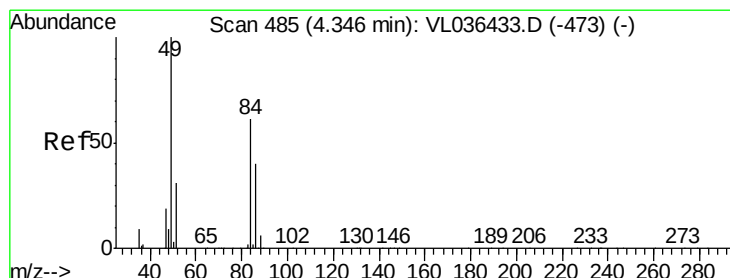
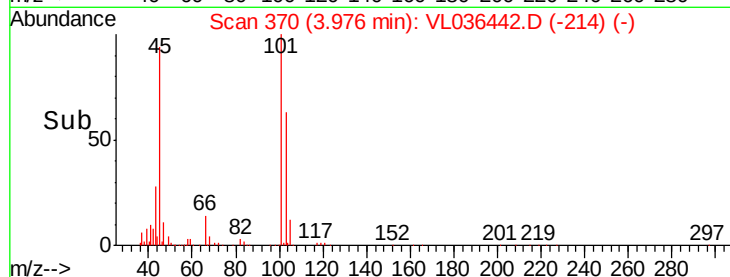
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 8.644 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

Tgt Ion: 84 Resp: 559045

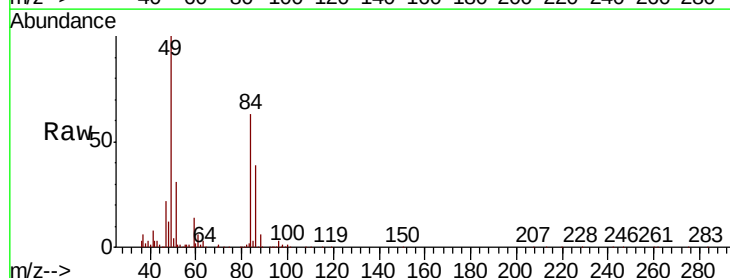
Ion Ratio Lower Upper

84 100

49 155.9 130.2 195.2

51 46.4 40.5 60.7

86 61.1 51.4 77.2



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

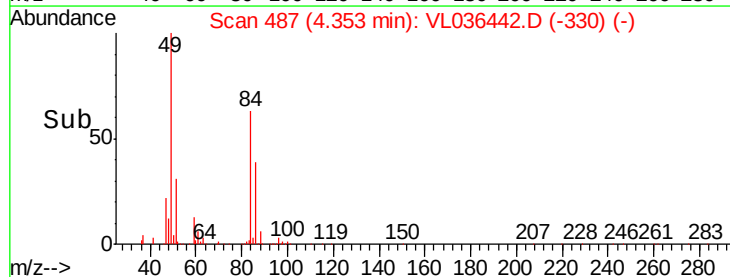
600000

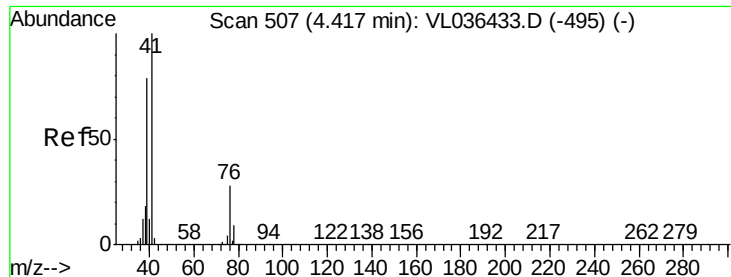
400000

200000

0

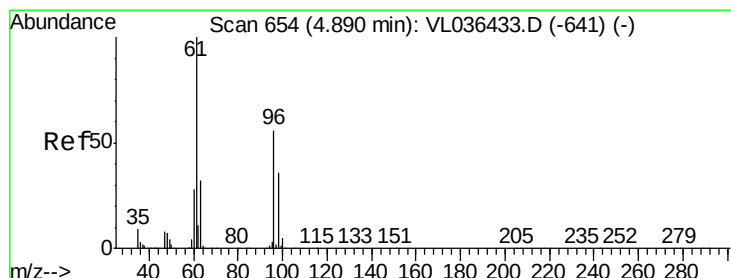
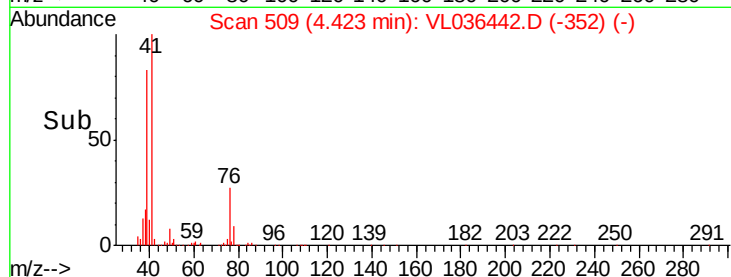
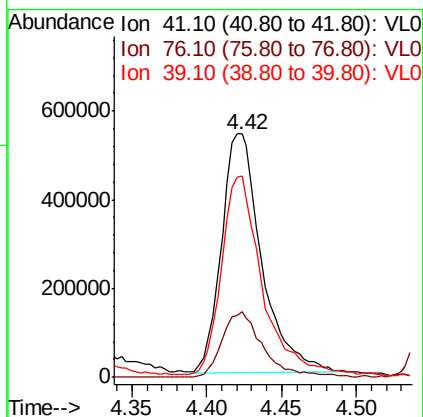
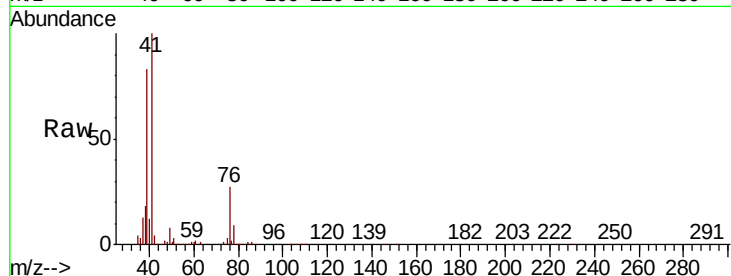
Time-->





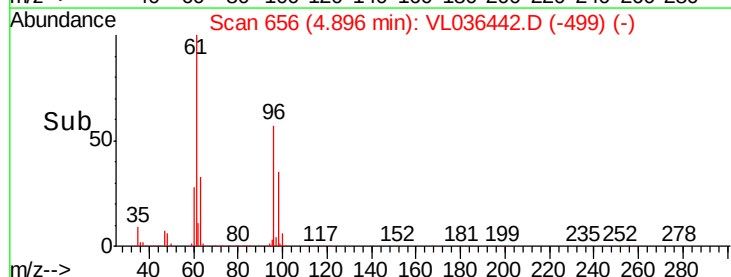
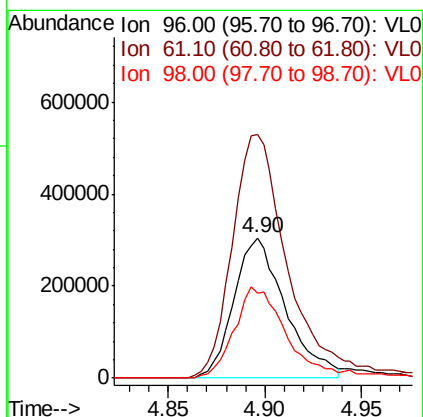
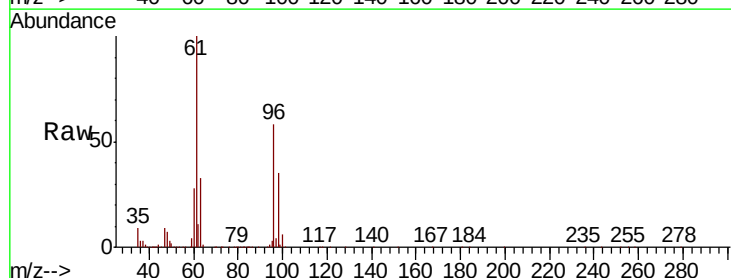
#21
 Allvl Chloride
 Concen: 9.314 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2021 17:11

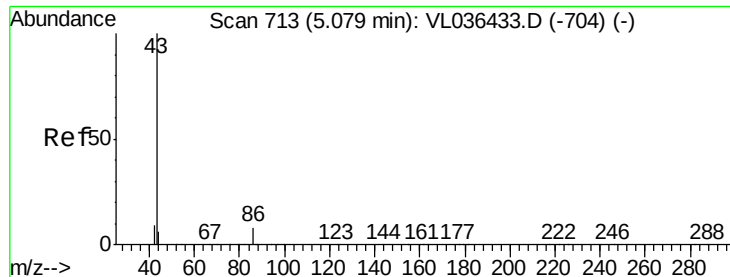
Tot Ion: 41 Resp: 1007680
 Ion Ratio Lower Upper
 41 100
 76 28.4 21.8 32.8
 39 84.7 66.0 99.0



#22
 trans-1,2-Dichloroethene
 Concen: 9.046 ppbv
 RT: 4.90 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion: 96 Resp: 556716
 Ion Ratio Lower Upper
 96 100
 61 173.8 142.1 213.1
 98 60.4 50.6 75.8

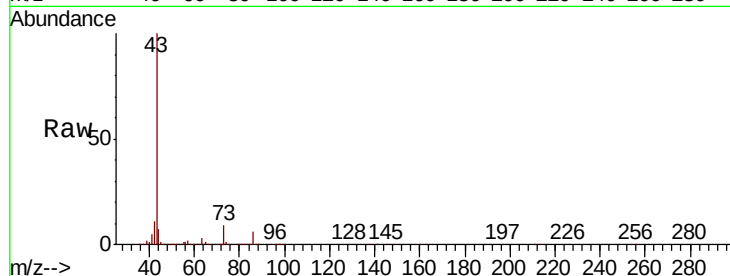




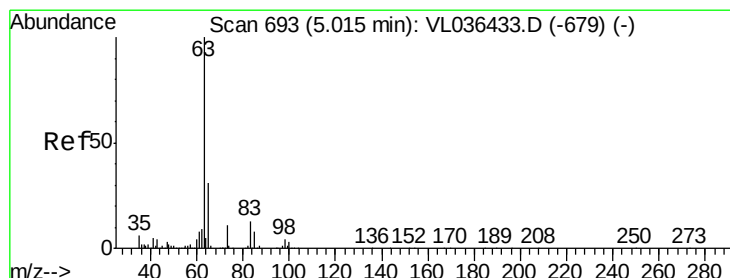
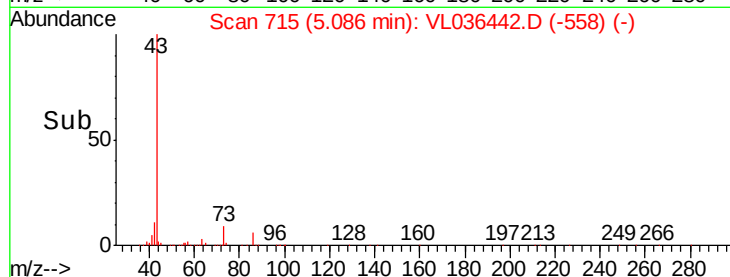
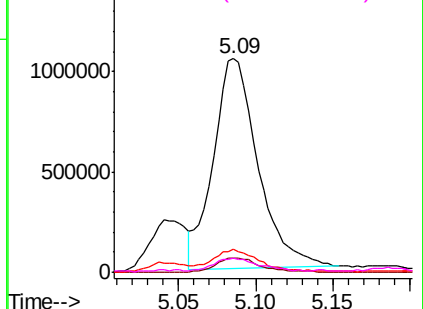
#23
 Vinyl Acetate
 Concen: 9.759 ppbv
 RT: 5.09
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 17:11

Tot Ion: 43 Resp: 2119198

Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.2	7.8
42	11.0	8.3	12.5
44	6.3	4.4	6.6



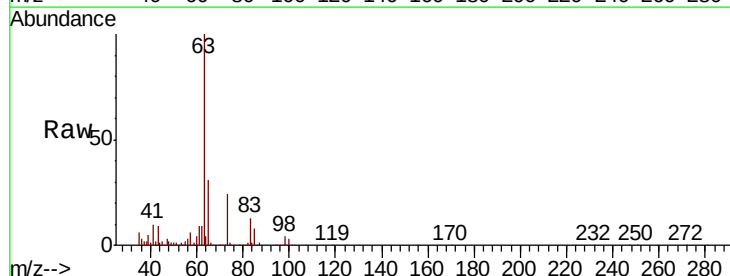
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0



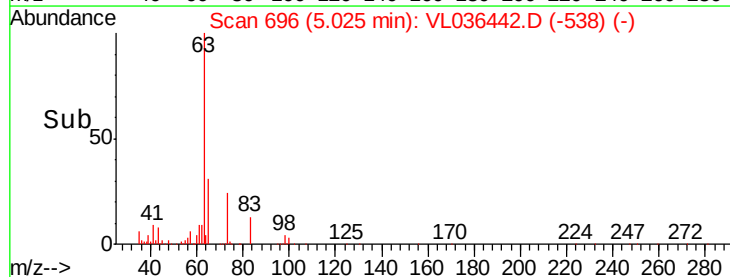
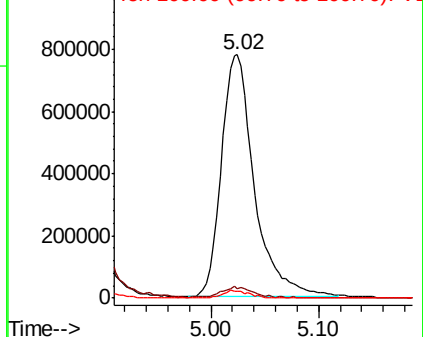
#24
 1,1-Dichloroethane
 Concen: 9.681 ppbv
 RT: 5.02 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

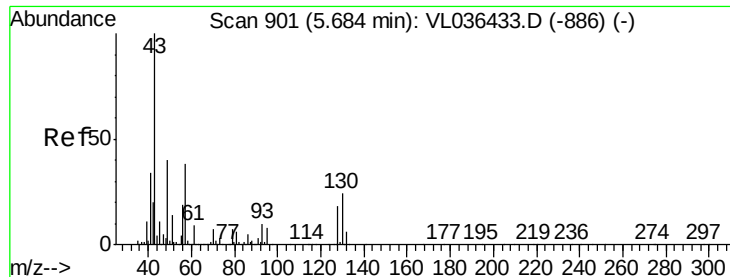
Tgt Ion: 63 Resp: 1659272

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	5.8
100	2.7	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

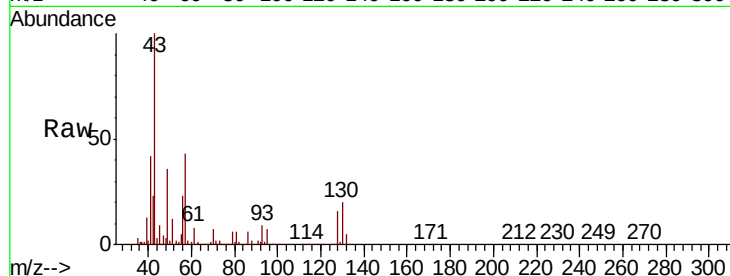




#25
Ethyl Acetate
Concen: 9.587 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2021 17:11

Tot Ion: 43 Resp: 3576583

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.0	12.0
61	9.4	7.7	11.5
70	6.7	5.4	8.0



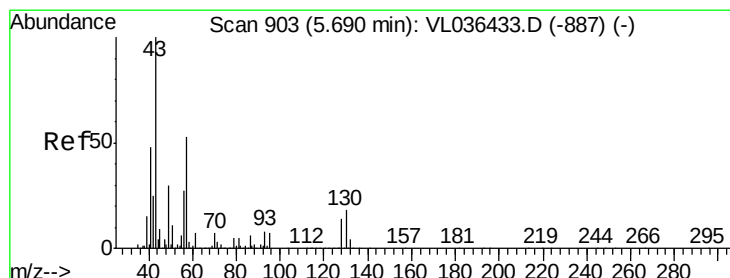
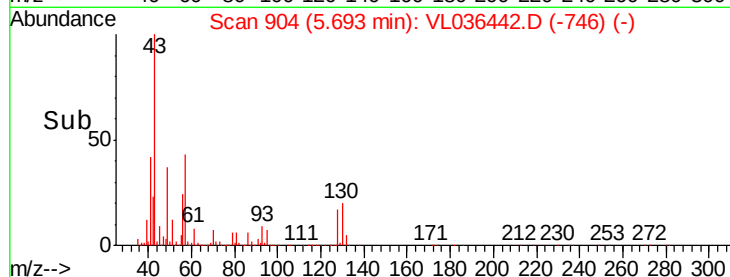
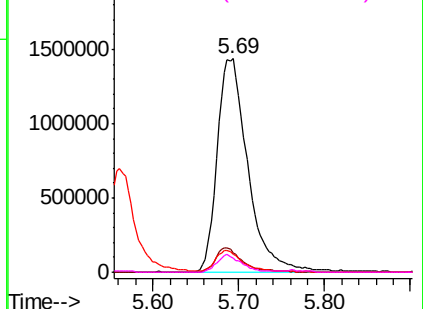
Abundance

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

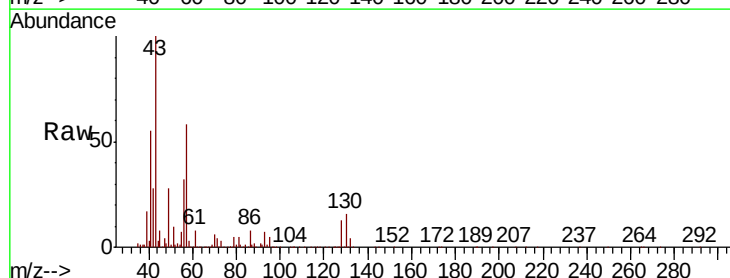
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.323 ppbv
RT: 5.70 min Scan# 906
Delta R.T.: 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 57 Resp: 1423156

Ion	Ratio	Lower	Upper
57	100		
41	101.0	80.4	120.6
43	252.1	199.8	299.6
56	54.9	43.8	65.8



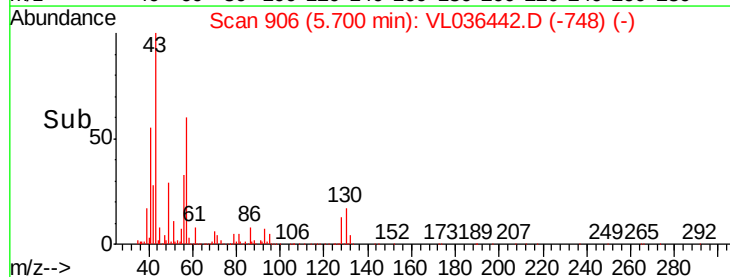
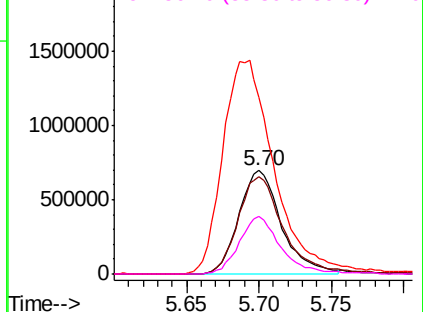
Abundance

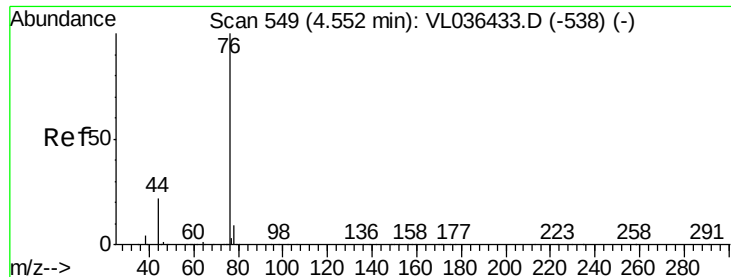
Ion 57.10 (56.80 to 57.80): VL0

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: 10.417 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0303ABS01

Acq: 3 Mar 2021 17:11

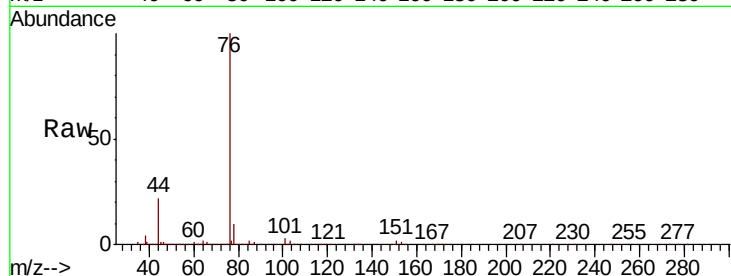
Tot Ion: 76 Resp: 1578231

Ion Ratio Lower Upper

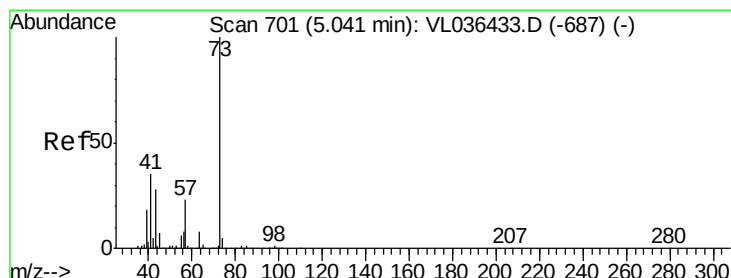
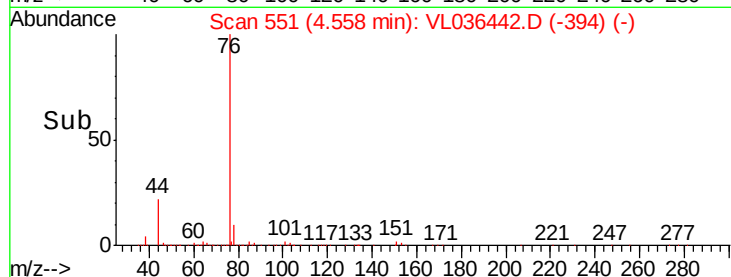
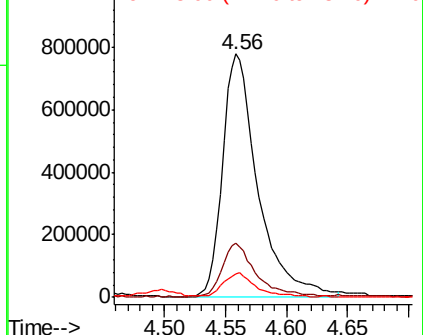
76 100

44 22.2 17.4 26.0

78 10.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.866 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.00 min

Lab File: VL036442.D

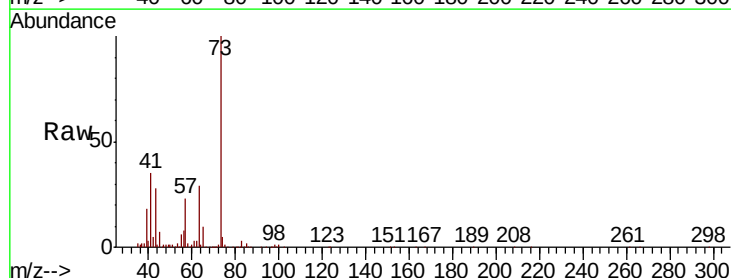
Acq: 3 Mar 2021 17:11

Tgt Ion: 73 Resp: 2018202

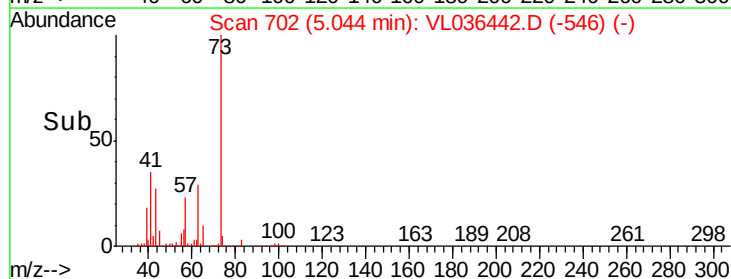
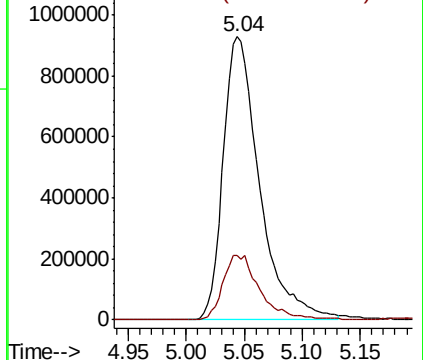
Ion Ratio Lower Upper

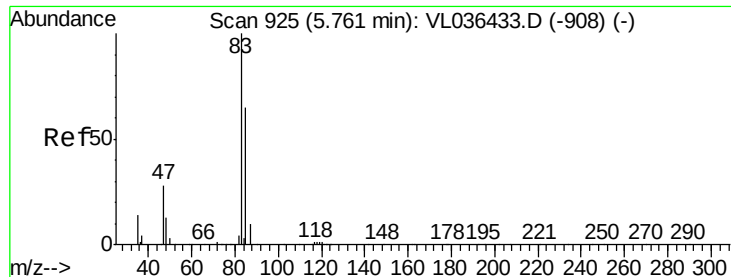
73 100

57 23.4 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: 9.225 ppbv

RT: 5.77 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0303ABS01

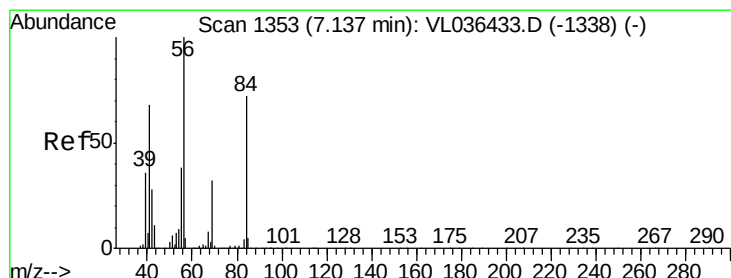
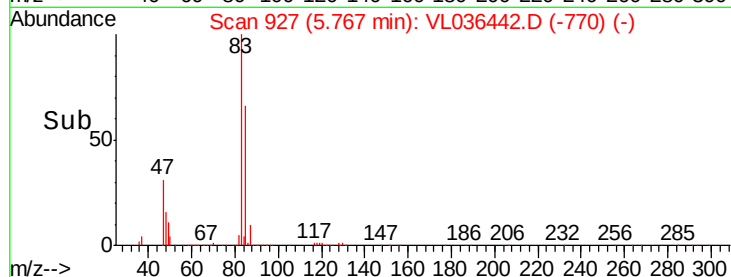
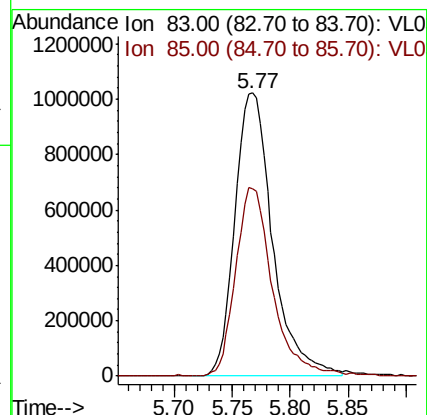
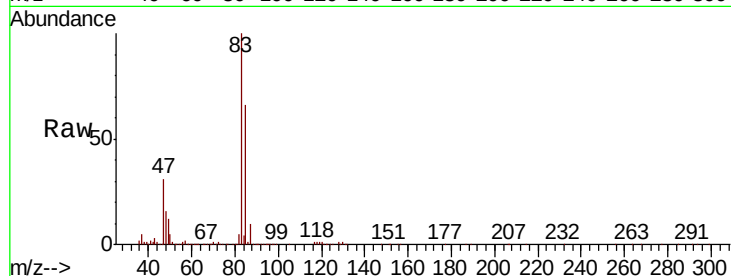
Acq: 3 Mar 2021 17:11

Tot Ion: 83 Resp: 2303965

Ion Ratio Lower Upper

83 100

85 66.2 51.9 77.9



#30

Cyclohexane

Concen: 9.523 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

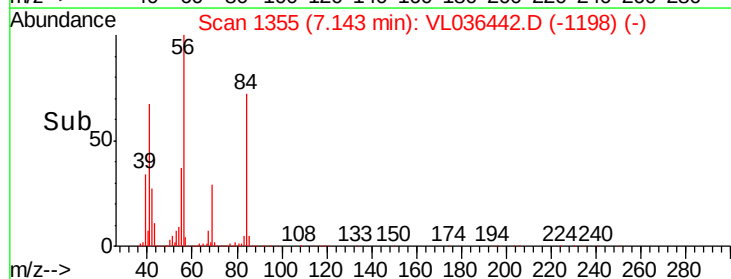
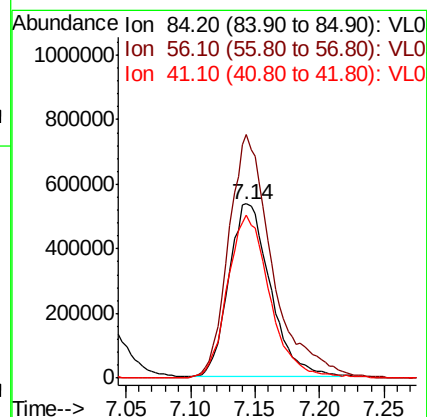
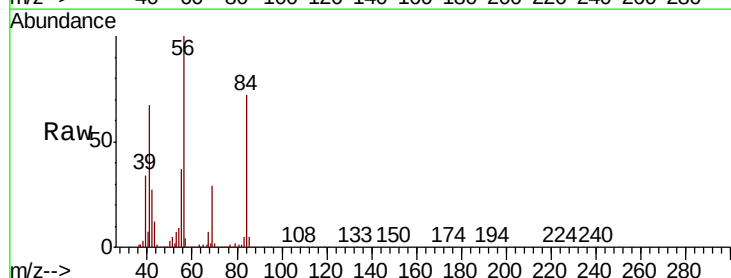
Tgt Ion: 84 Resp: 1201082

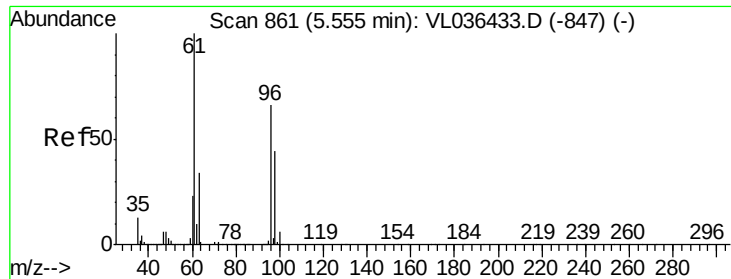
Ion Ratio Lower Upper

84 100

56 148.9 117.6 176.4

41 95.7 75.9 113.9





#31

cis-1,2-Dichloroethene

Concen: 9.835 ppbv

RT: 5.56 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11 VL0303ABS01

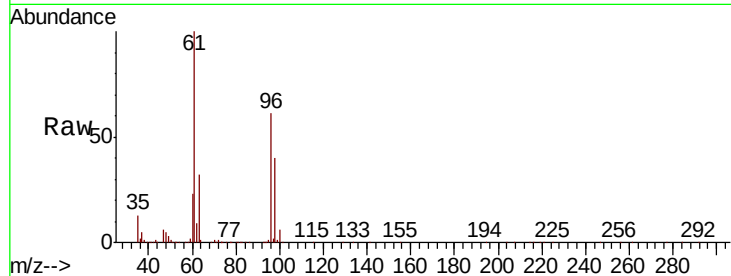
Tot Ion: 61 Resp: 1450133

Ion Ratio Lower Upper

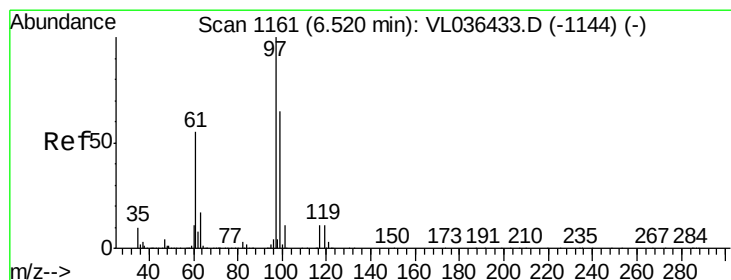
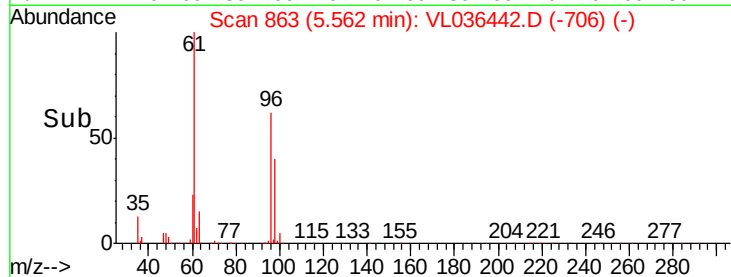
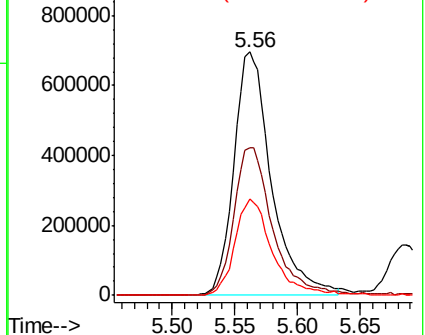
61 100

96 60.8 52.9 79.3

98 39.7 34.9 52.3



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: 8.958 ppbv

RT: 6.53 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

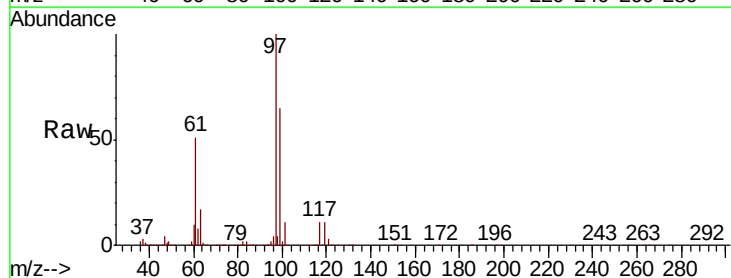
Tgt Ion: 97 Resp: 2247906

Ion Ratio Lower Upper

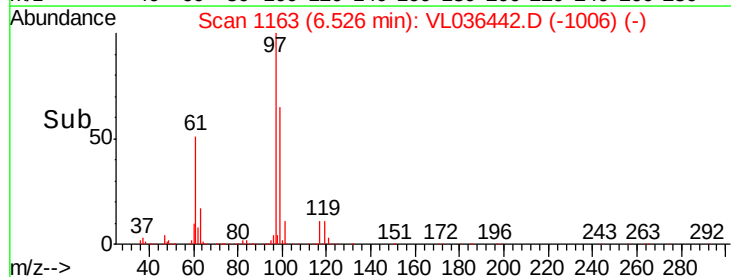
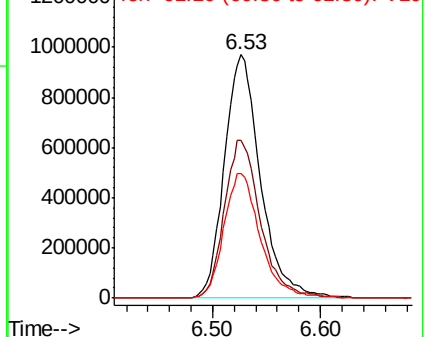
97 100

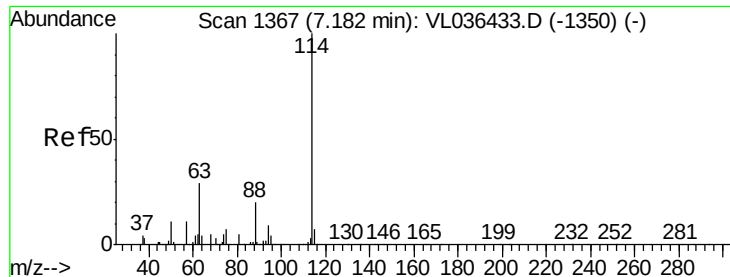
99 65.5 52.1 78.1

61 52.4 42.2 63.4



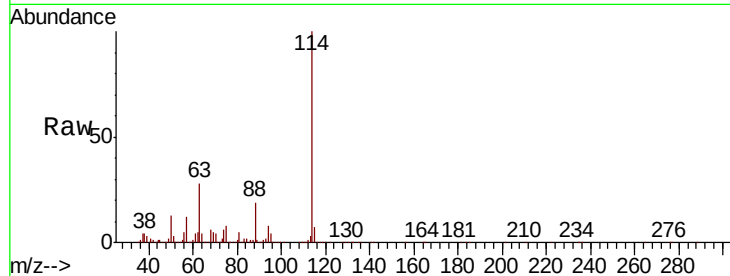
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



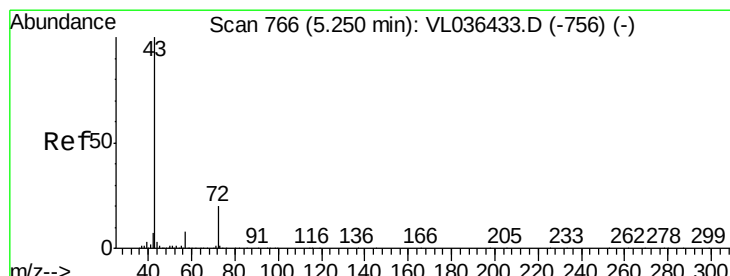
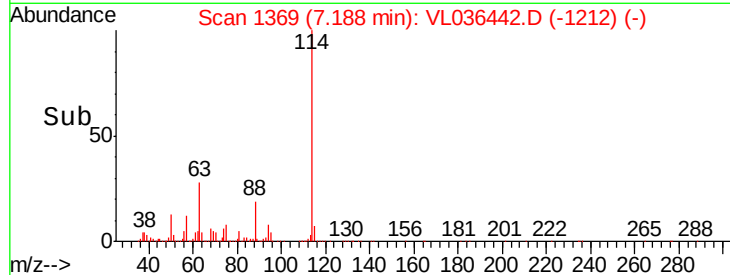
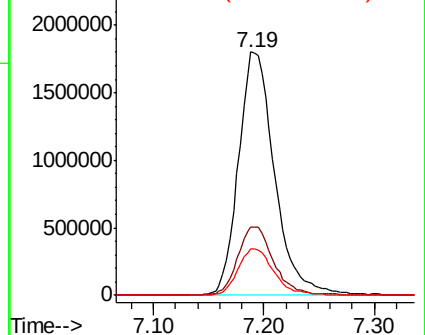


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2021 17:11

Tot Ion:	114	Resp:	4075869
Ion	Ratio	Lower	Upper
114	100		
63	28.7	23.3	34.9
88	19.4	15.6	23.4

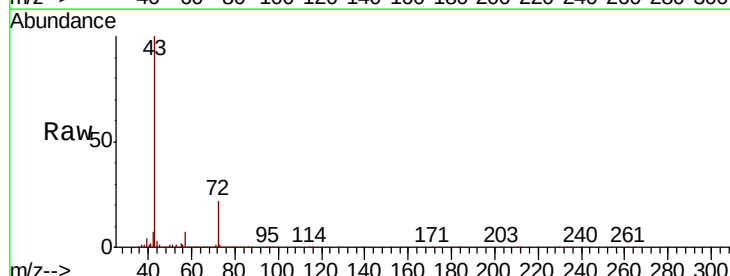


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

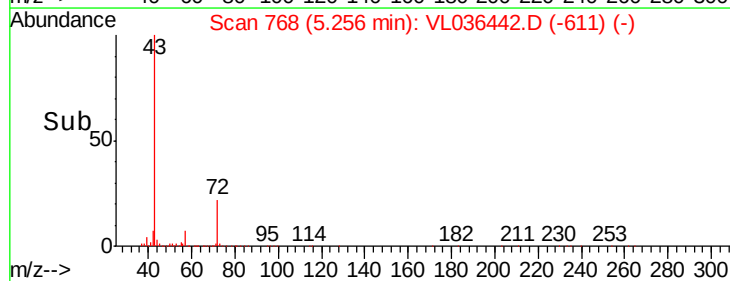
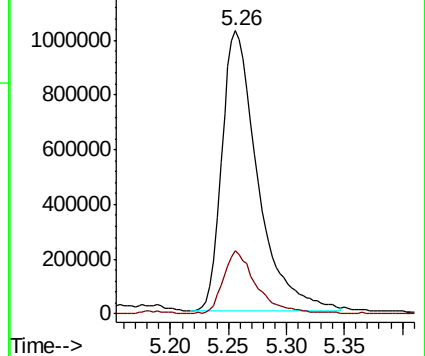


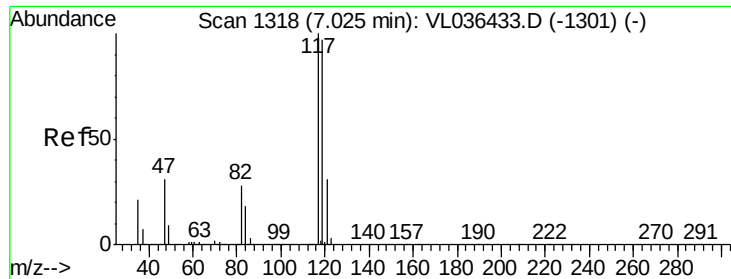
#34
 2-Butanone
 Concen: 9.057 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion:	43	Resp:	2225180
Ion	Ratio	Lower	Upper
43	100		
72	21.0	16.7	25.1



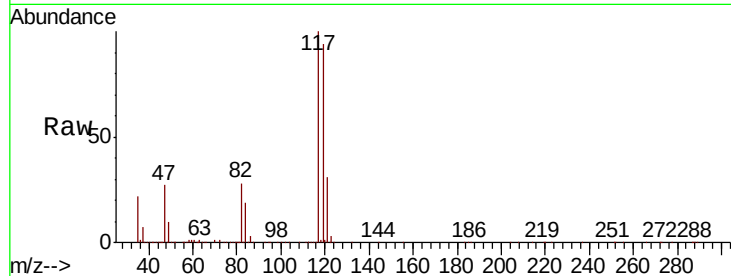
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



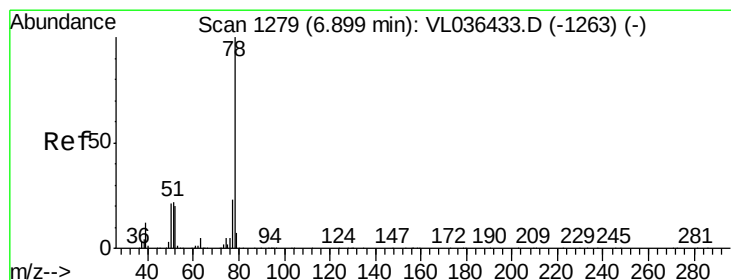
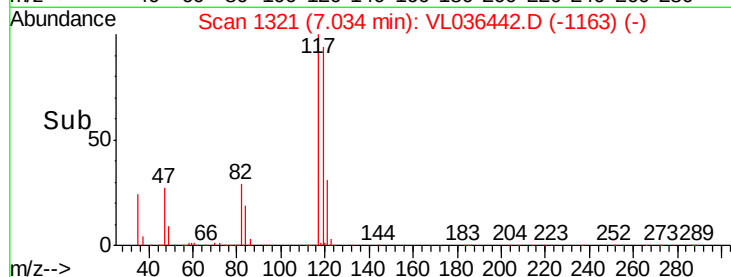
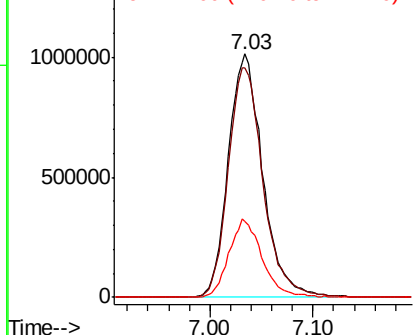


#35
Carbon Tetrachloride
Concen: 8.923 ppbv
RT: 7.03
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 17:11

Tot Ion:117 Resp: 2350023
Ion Ratio Lower Upper
117 100
119 94.4 77.8 116.6
121 30.9 24.6 36.8

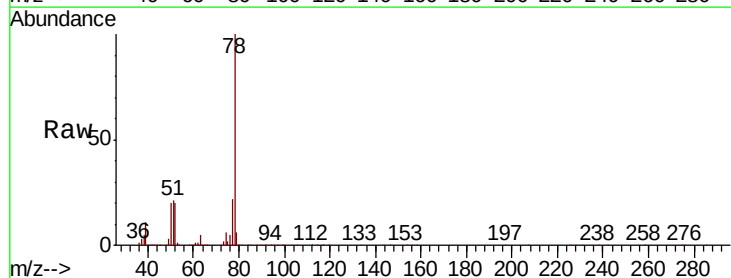


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

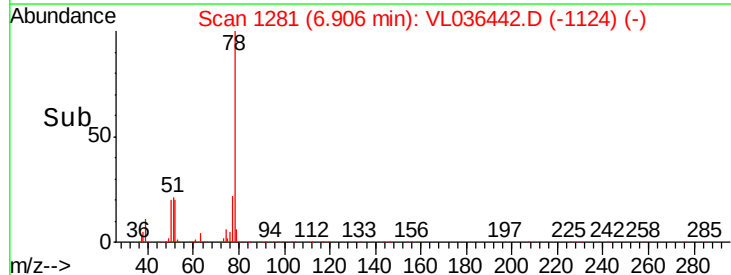
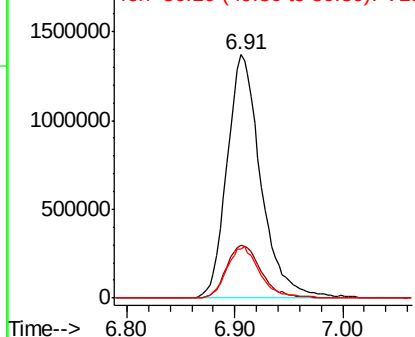


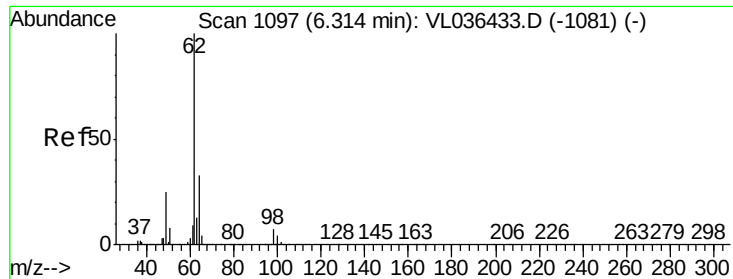
#36
Benzene
Concen: 9.428 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 78 Resp: 2981662
Ion Ratio Lower Upper
78 100
77 21.8 18.1 27.1
50 20.0 16.8 25.2



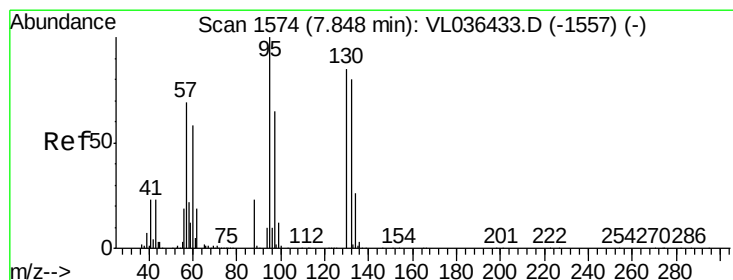
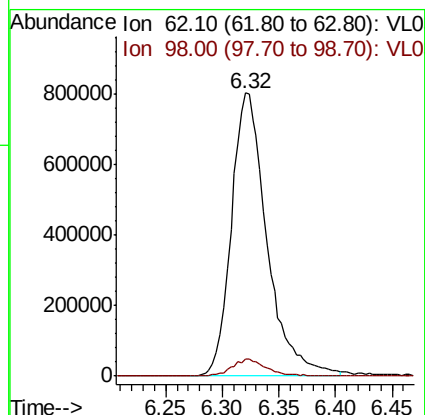
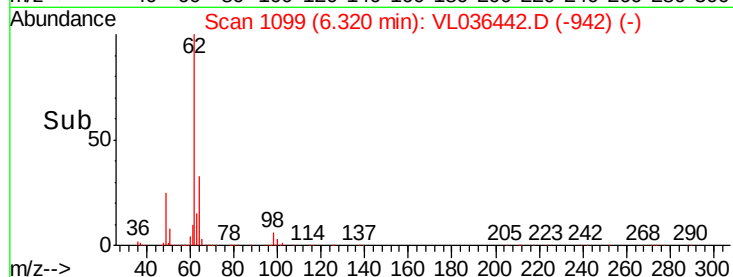
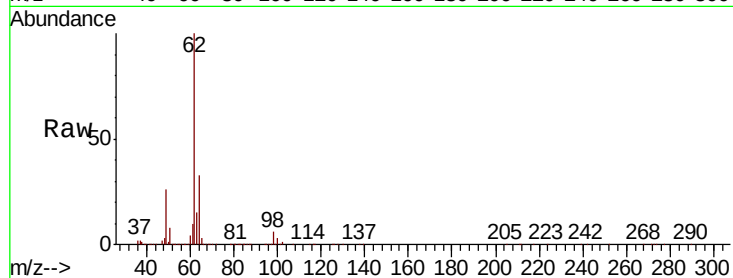
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





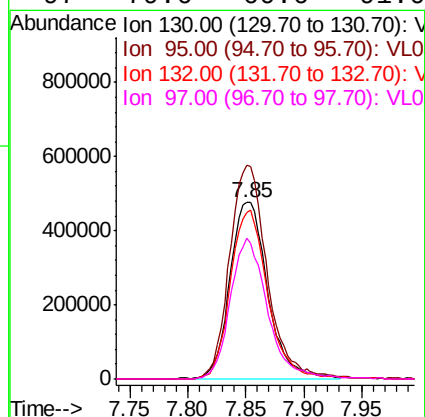
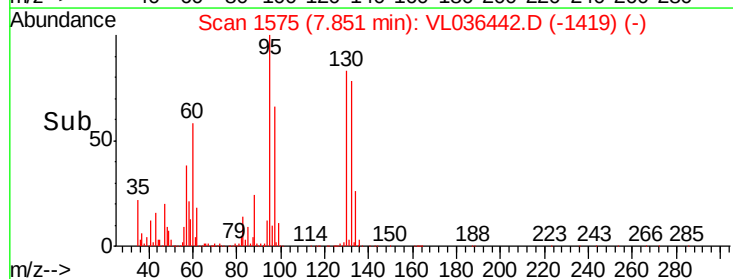
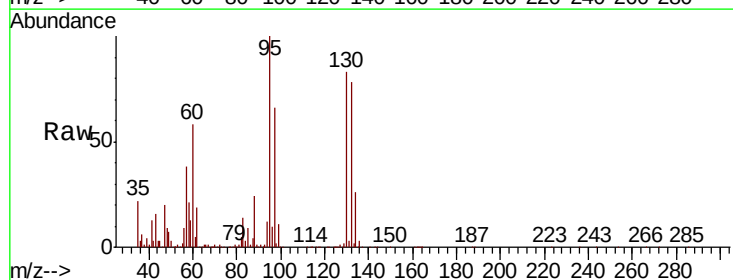
#37
 1,2-Dichloroethane
 Concen: 8.863 ppbv
 RT: 6.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2021 17:11

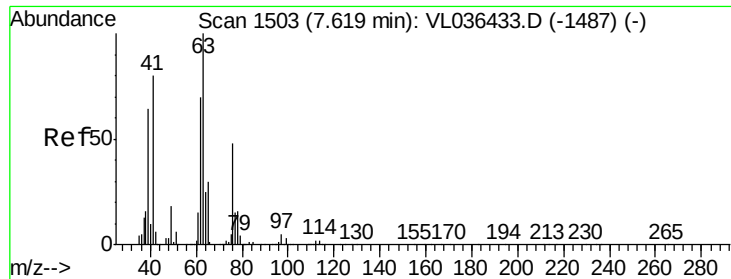
Tot Ion: 62 Resp: 1761356
 Ion Ratio Lower Upper
 62 100
 98 5.8 4.8 7.2



#38
 Trichloroethene
 Concen: 8.961 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion: 130 Resp: 1071025
 Ion Ratio Lower Upper
 130 100
 95 121.1 93.8 140.8
 132 94.3 74.6 112.0
 97 79.6 60.6 91.0

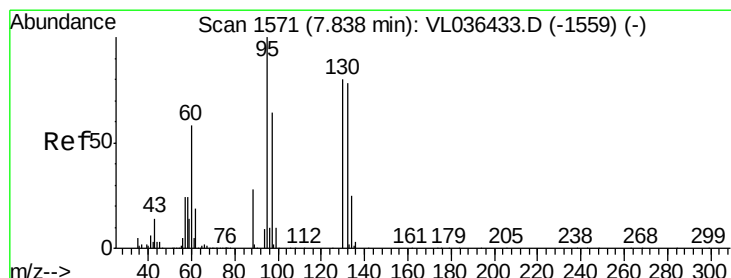
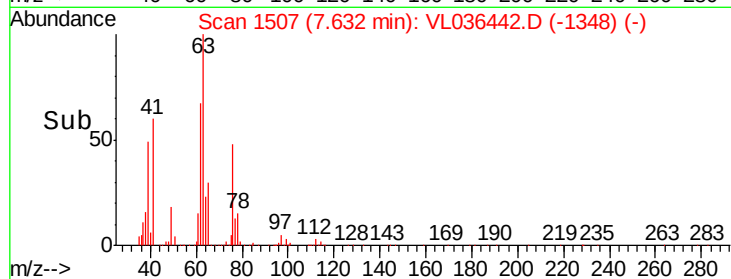
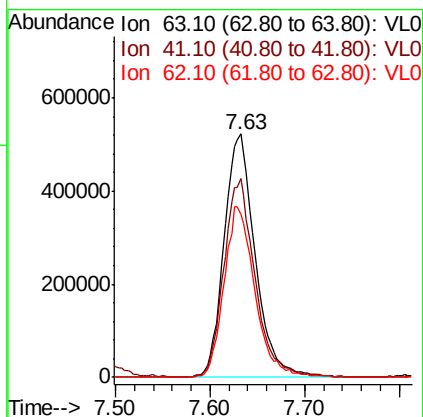
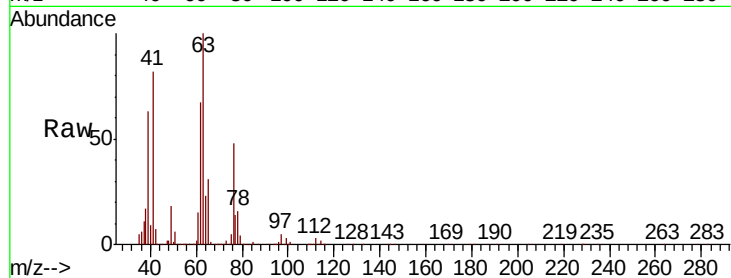




#39
 1,2-Dichloropropane
 Concen: 8.869 ppbv
 RT: 7.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 17:11

Tot Ion: 63 Resp: 1192727

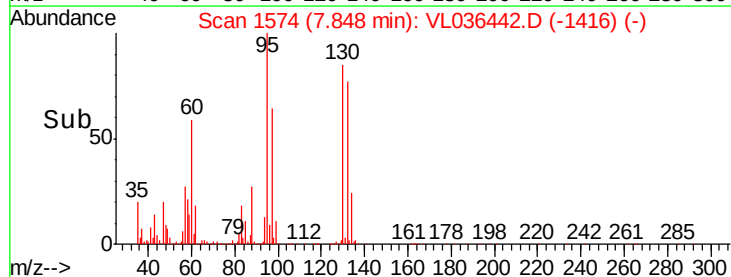
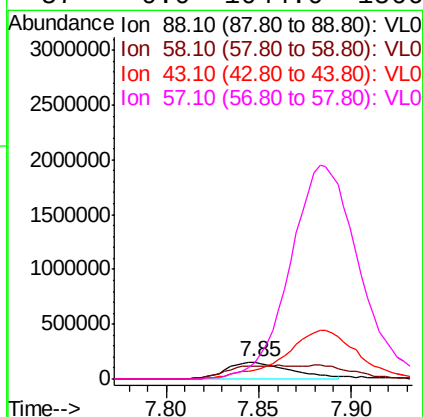
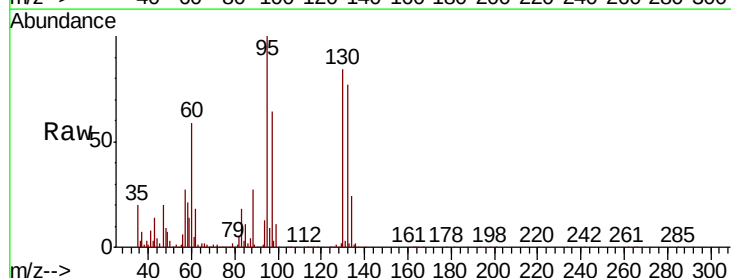
Ion	Ratio	Lower	Upper
63	100		
41	81.7	64.4	96.6
62	66.7	55.7	83.5

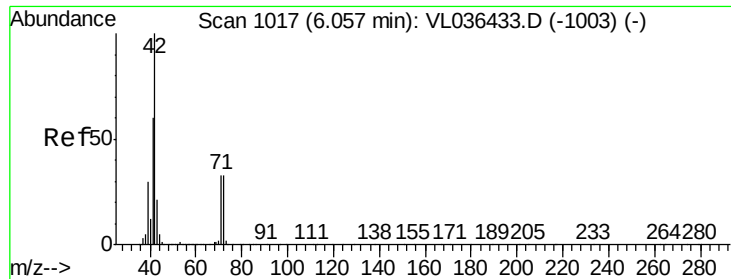


#40
 1,4-Dioxane
 Concen: 8.099 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion: 88 Resp: 357539

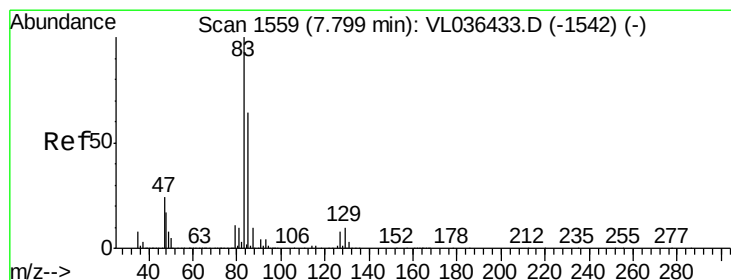
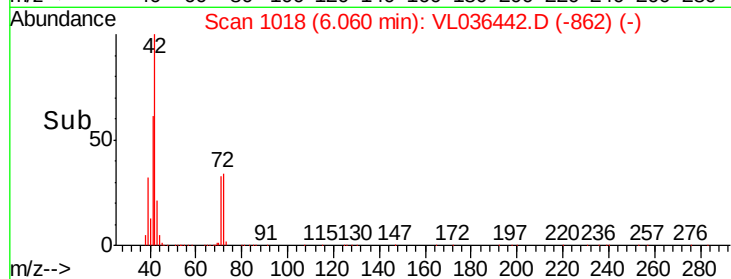
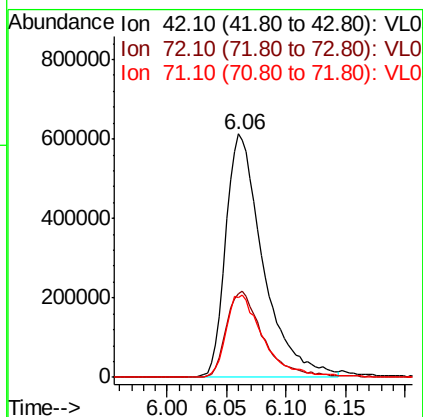
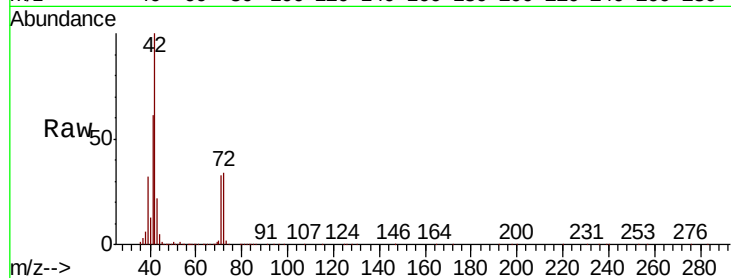
Ion	Ratio	Lower	Upper
88	100		
58	0.0	119.6	179.4#
43	0.0	254.2	381.4#
57	0.0	1044.0	1566.0#





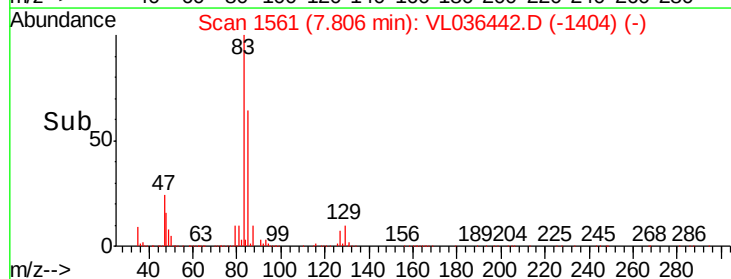
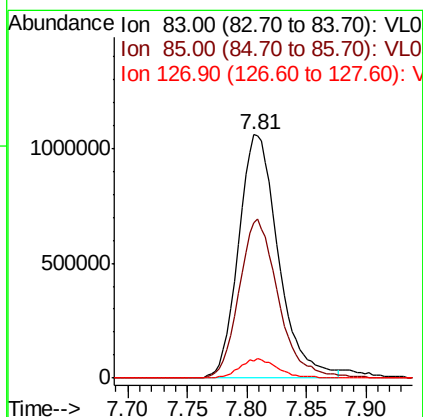
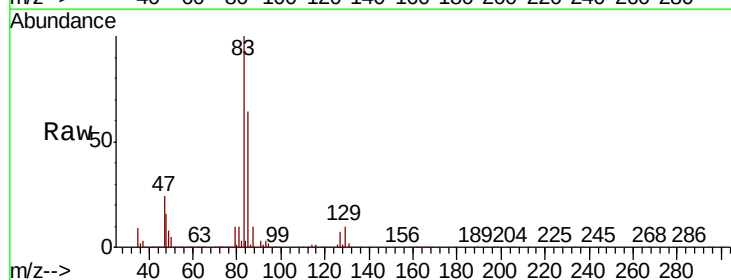
#41
Tetrahydrofuran
Concen: 9.733 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 17:11

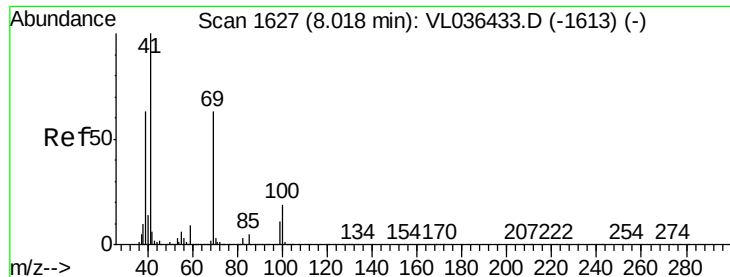
Tot Ion: 42 Resp: 1333687
Ion Ratio Lower Upper
42 100
72 35.7 28.1 42.1
71 34.4 27.6 41.4



#42
Bromodichloromethane
Concen: 9.152 ppbv
RT: 7.81 min Scan# 1561
Delta R.T.: 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 83 Resp: 2458027
Ion Ratio Lower Upper
83 100
85 63.7 51.2 76.8
127 7.1 6.0 9.0





#43

Methyl Methacrylate

Concen: 10.207 ppbv

RT: 8.03

Instrument: MSVOA_1

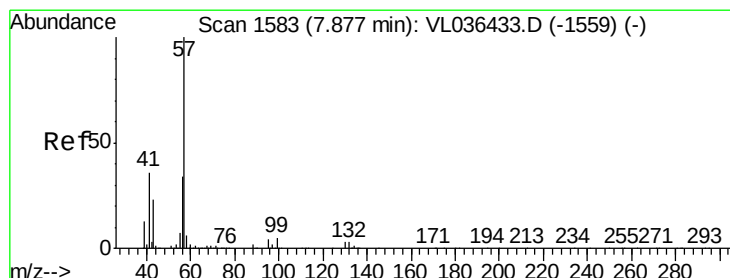
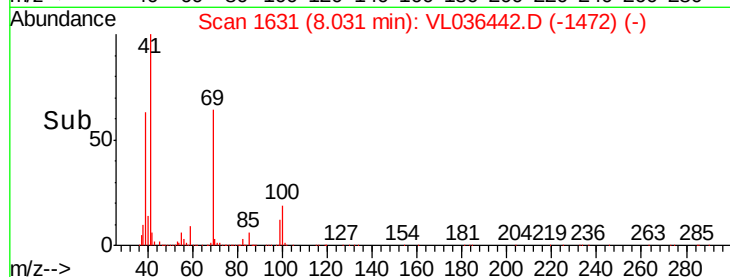
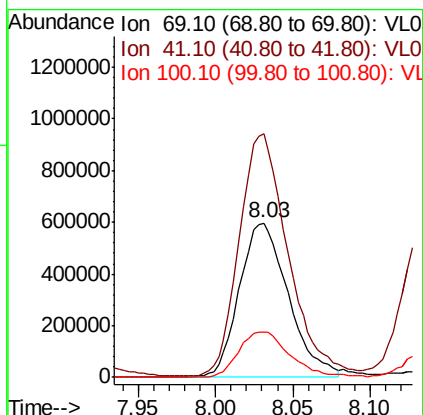
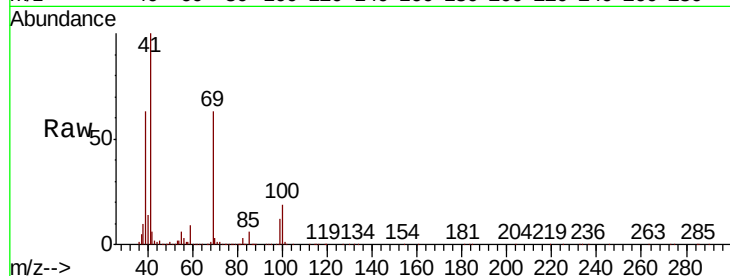
Delta R.T. ClientSampleId:

Lab File: VL0303ABS01

Acq: 3 Mar 2021 17:11

Tot Ion: 69 Resp: 1307427

Ion	Ratio	Lower	Upper
69	100		
41	159.9	127.6	191.4
100	31.2	24.6	37.0



#44

2,2,4-Trimethylpentane

Concen: 8.840 ppbv

RT: 7.88 min Scan# 1585

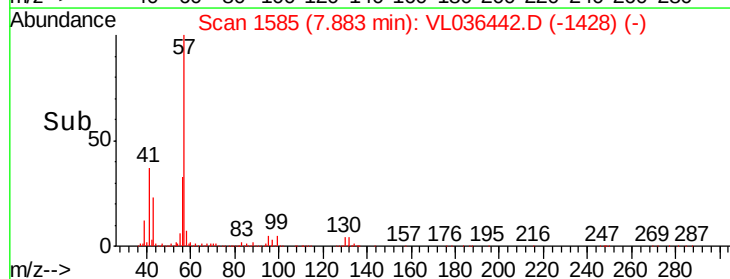
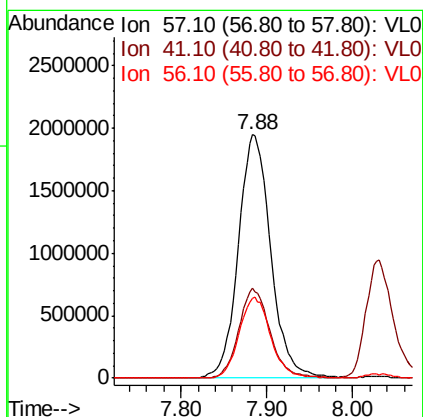
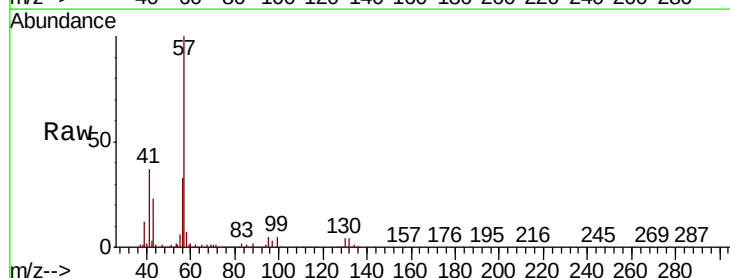
Delta R.T. 0.01 min

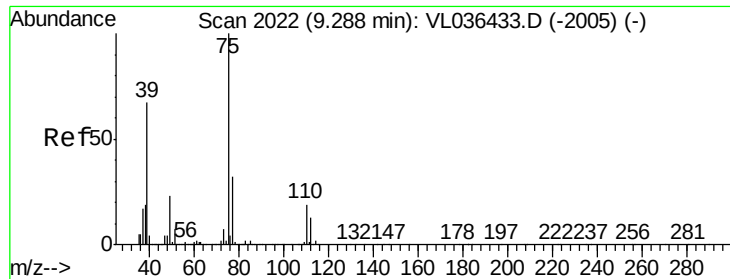
Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

Tgt Ion: 57 Resp: 5097776

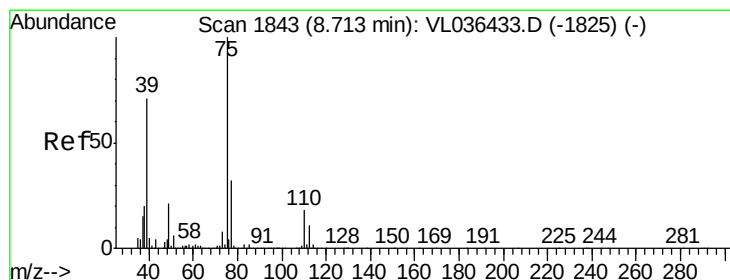
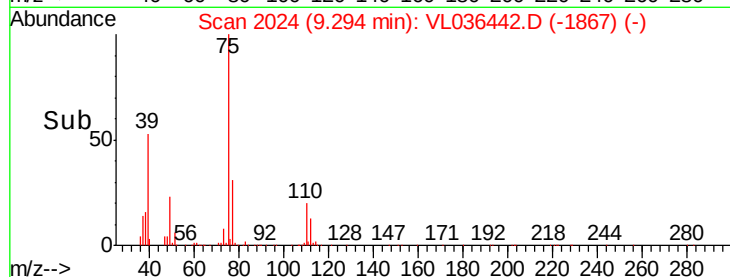
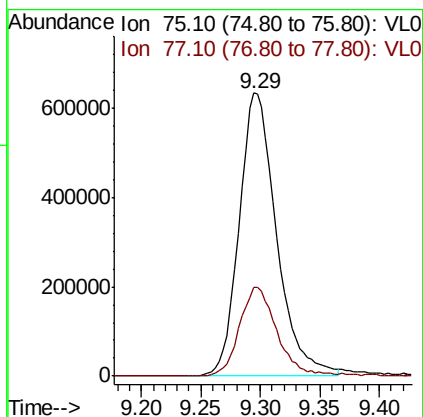
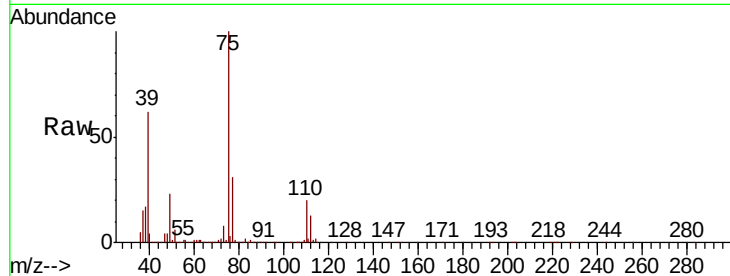
Ion	Ratio	Lower	Upper
57	100		
41	35.4	28.2	42.2
56	32.3	25.9	38.9





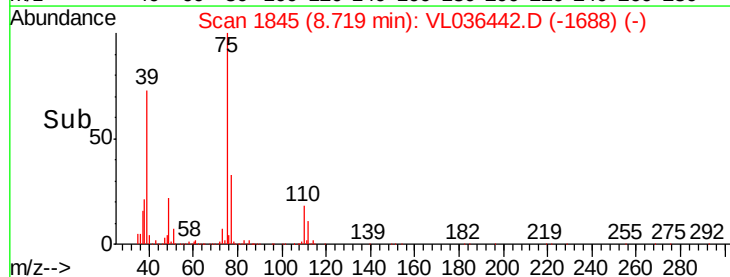
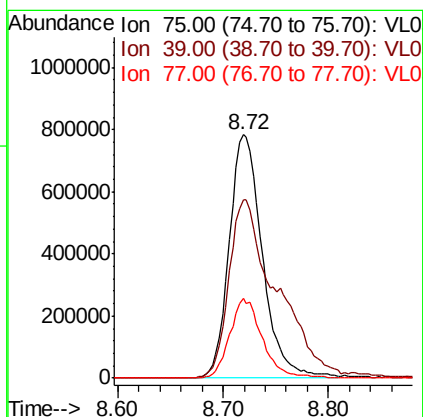
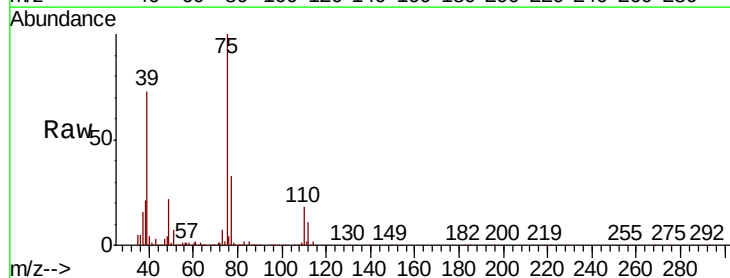
#45
t-1,3-Dichloropropene
Concen: 11.079 ppbv
RT: 9.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2021 17:11

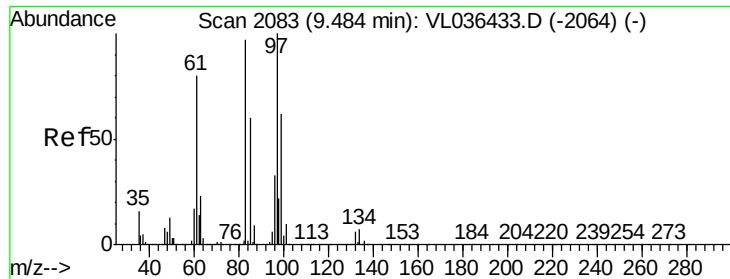
Tot Ion: 75 Resp: 1381105
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#46
cis-1,3-Dichloropropene
Concen: 10.493 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 75 Resp: 1707654
Ion Ratio Lower Upper
75 100
39 73.0 57.1 85.7
77 32.9 25.3 37.9

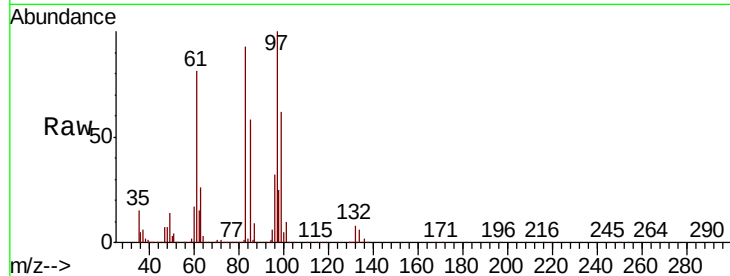




#47
 1,1,2-Trichloroethane
 Concen: 8.901 ppbv
 RT: 9.49
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2021 17:11

Tot Ion: 97 Resp: 1193346

Ion	Ratio	Lower	Upper
97	100		
83	92.6	77.8	116.8
85	57.6	47.6	71.4
99	61.6	49.6	74.4



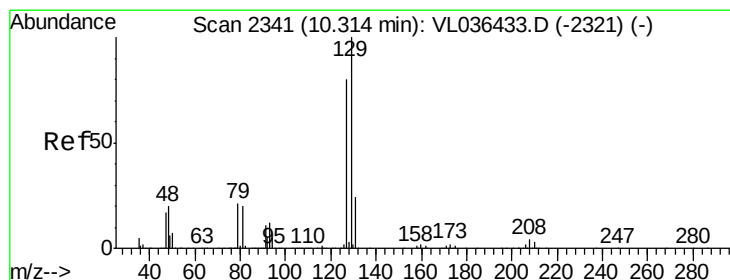
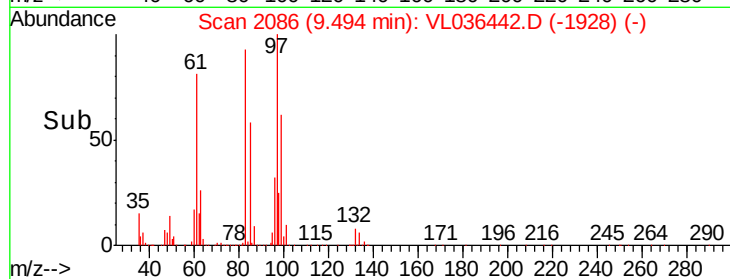
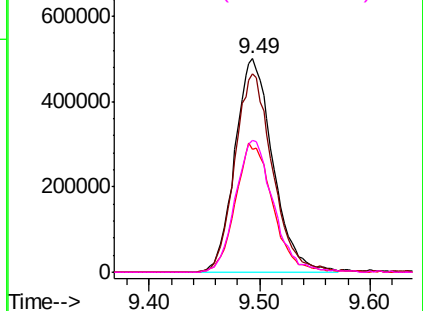
Abundance

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

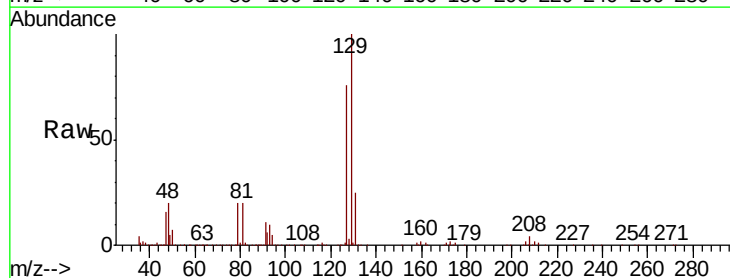
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 9.574 ppbv
 RT: 10.32 min Scan# 2344
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion: 129 Resp: 1943733

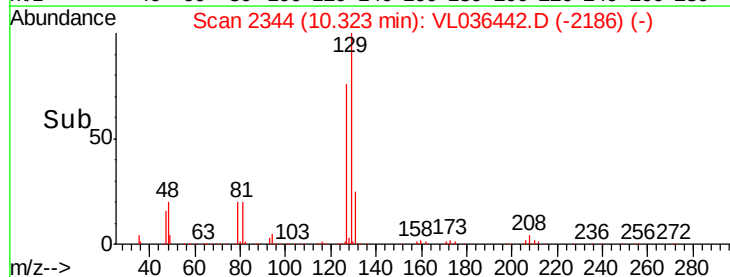
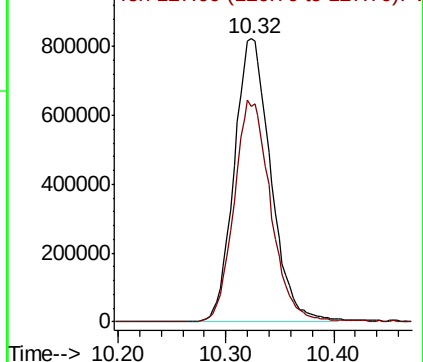
Ion	Ratio	Lower	Upper
129	100		
127	79.1	39.4	118.1

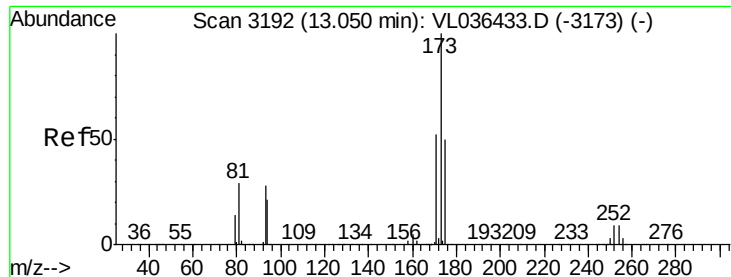


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.250 ppbv

RT: 13.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11

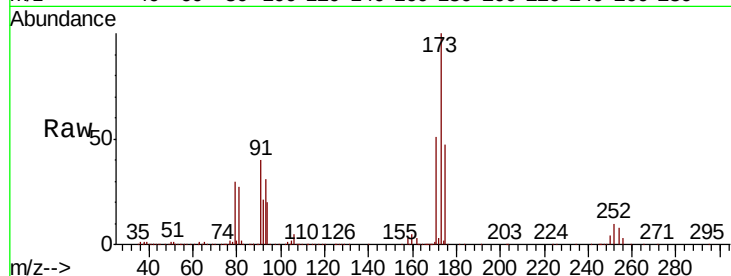
Tot Ion:173 Resp: 1536243

Ion Ratio Lower Upper

173 100

175 50.2 40.7 61.1

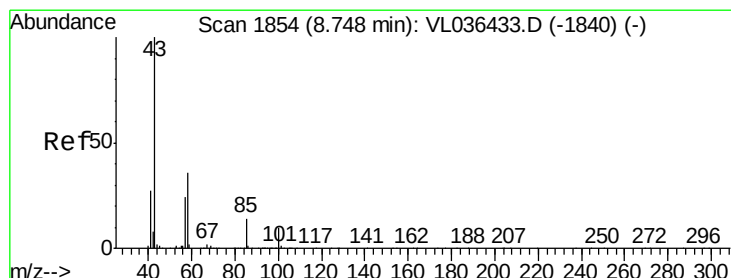
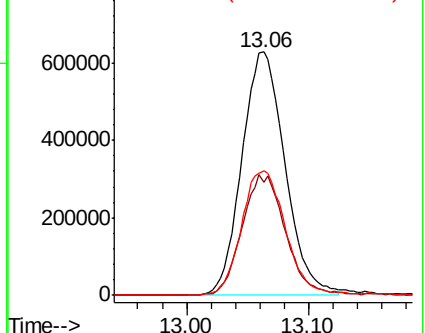
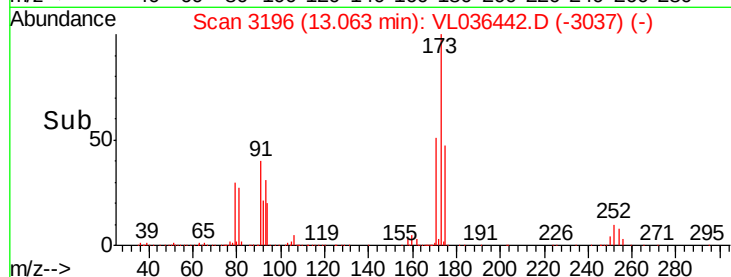
171 53.0 43.0 64.4



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: 9.728 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VL036442.D

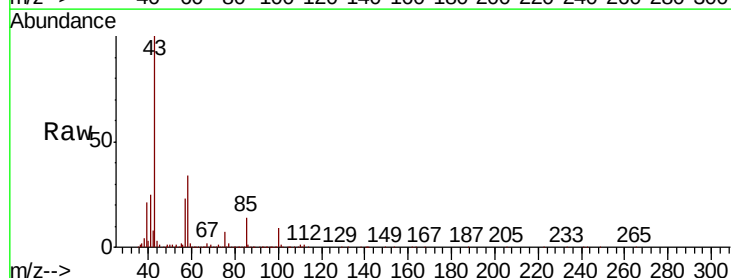
Acq: 3 Mar 2021 17:11

Tgt Ion: 43 Resp: 3479673

Ion Ratio Lower Upper

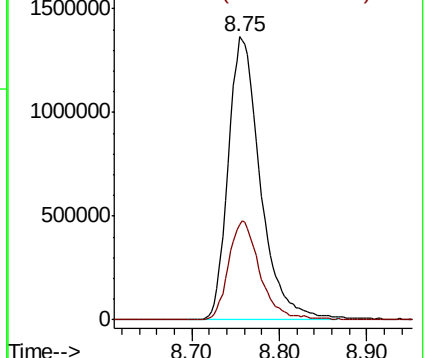
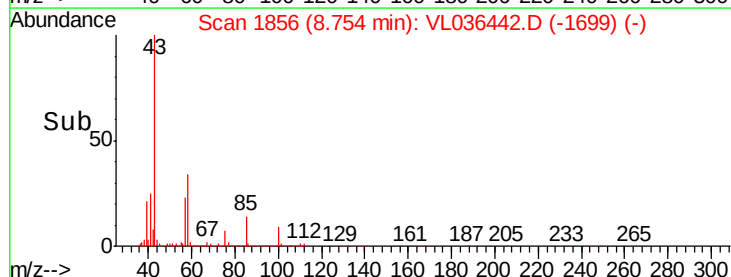
43 100

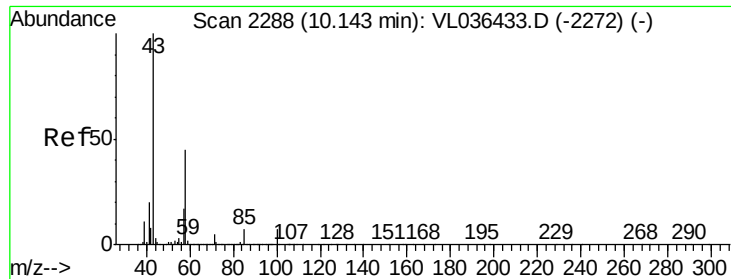
58 34.5 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.221 ppbv

RT: 10.15

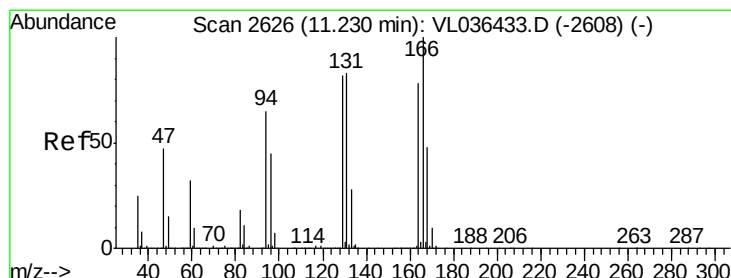
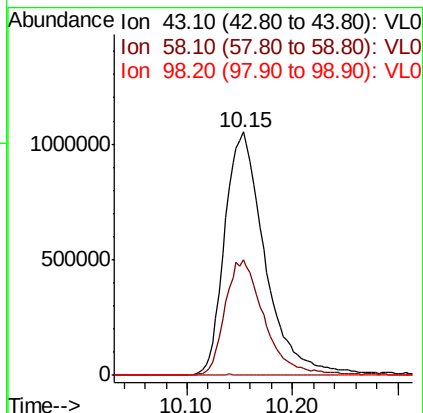
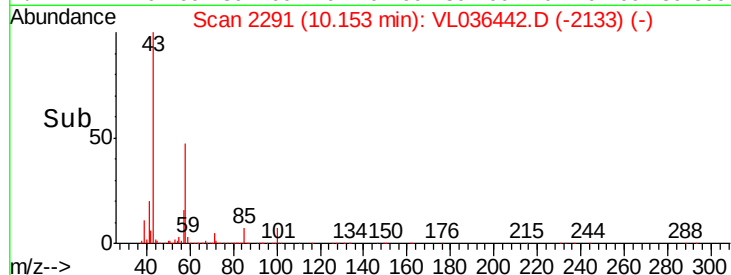
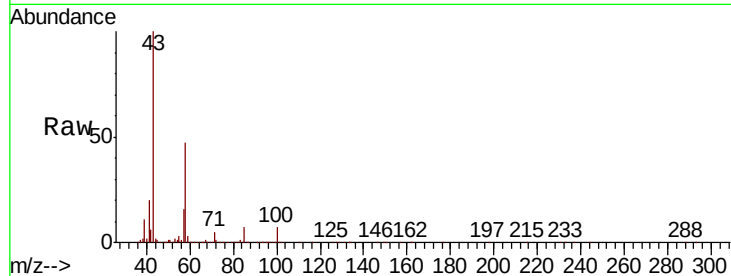
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11

Tot Ion: 43 Resp: 2763829

Ion	Ratio	Lower	Upper
43	100		
58	47.5	37.8	56.8
98	0.5	0.2	0.4#



#52

Tetrachloroethene

Concen: 8.388 ppbv

RT: 11.24 min Scan# 2629

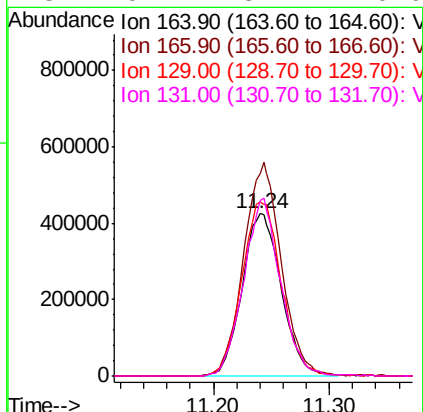
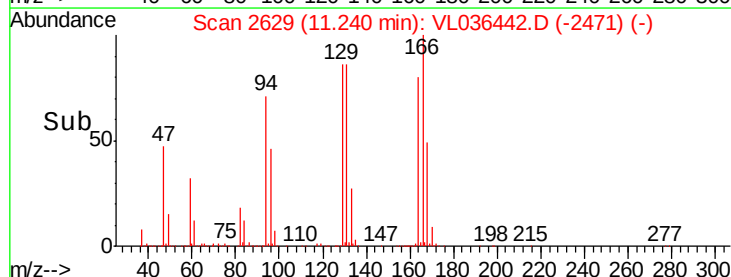
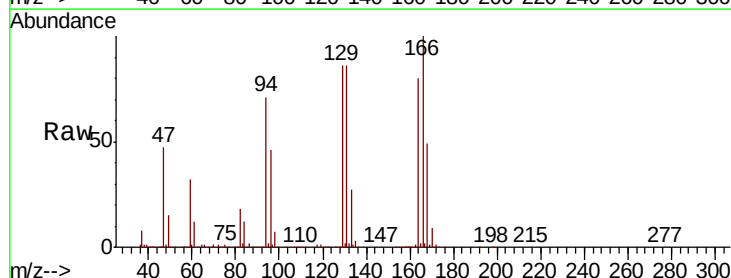
Delta R.T. 0.01 min

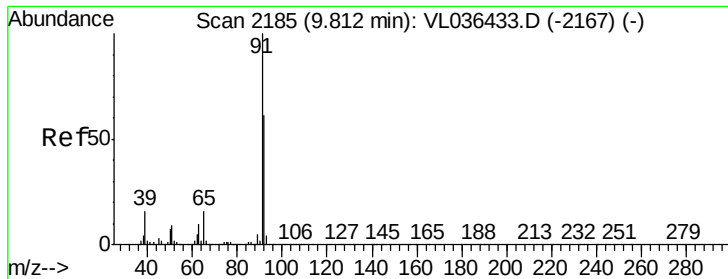
Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

Tgt Ion: 164 Resp: 994847

Ion	Ratio	Lower	Upper
164	100		
166	124.7	102.0	153.0
129	107.5	83.3	124.9
131	107.7	84.4	126.6





#53

Toluene

Concen: 9.750 ppbv

RT: 9.82 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: VL0303ABS01 ClientSampleId:

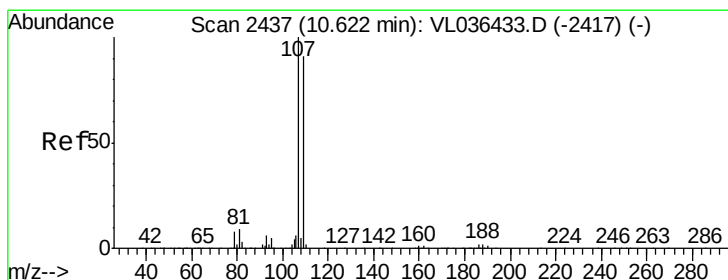
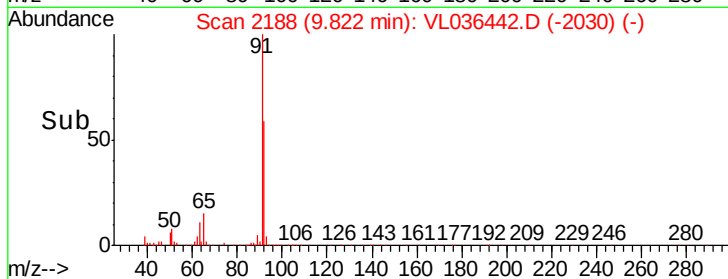
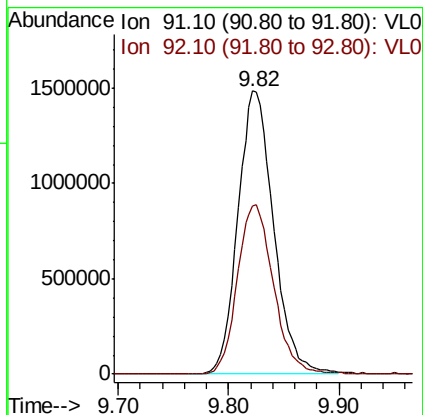
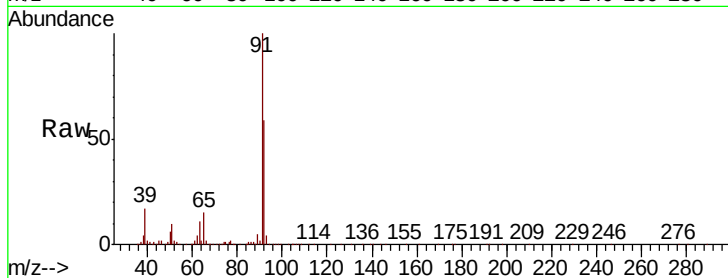
Acq: 3 Mar 2021 17:11

Tot Ion: 91 Resp: 3320962

Ion Ratio Lower Upper

91 100

92 61.1 49.0 73.6



#54

1,2-Dibromoethane

Concen: 8.956 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. 0.01 min

Lab File: VL036442.D

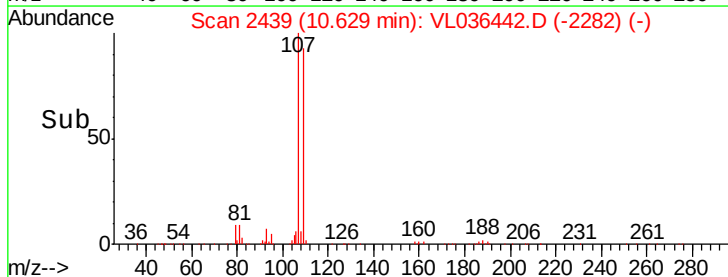
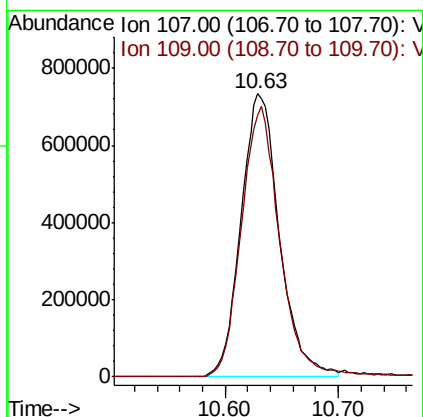
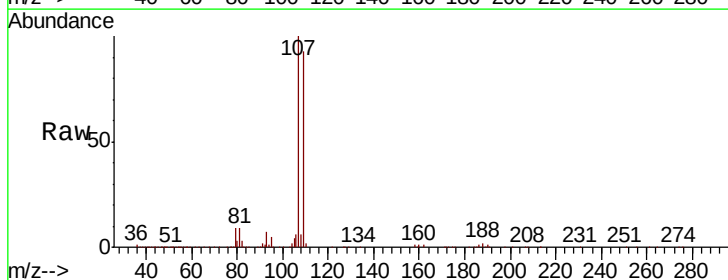
Acq: 3 Mar 2021 17:11

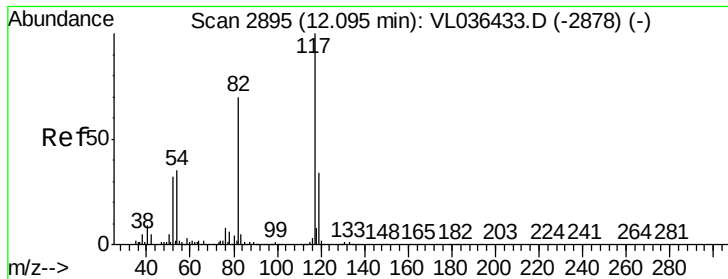
Tgt Ion: 107 Resp: 1733375

Ion Ratio Lower Upper

107 100

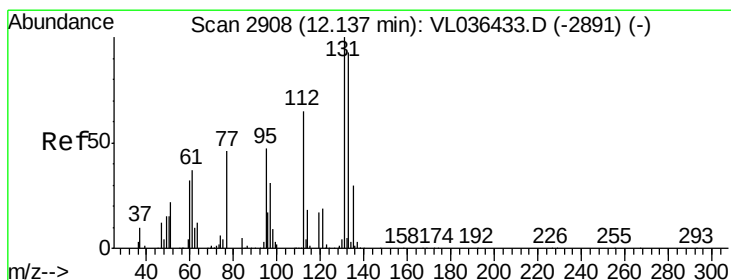
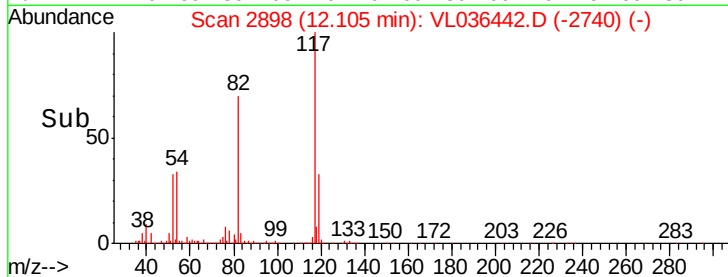
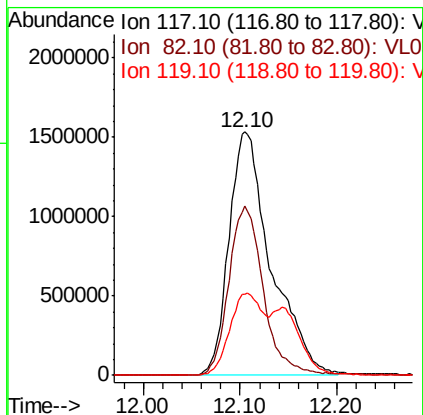
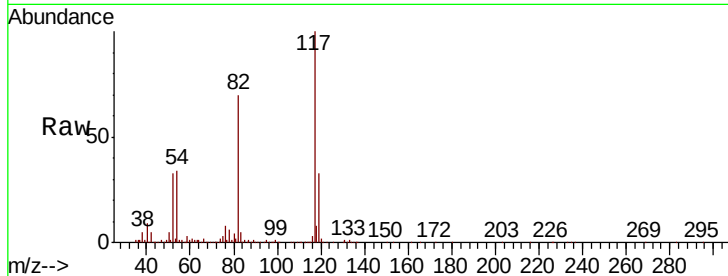
109 92.5 73.0 109.6





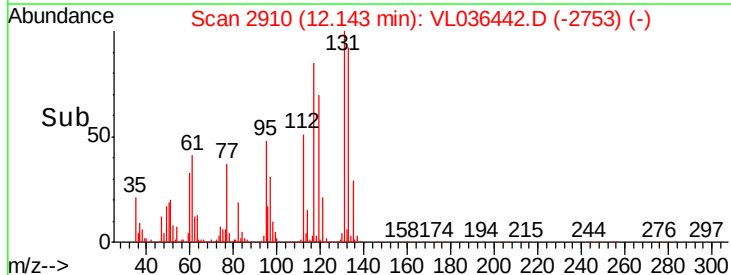
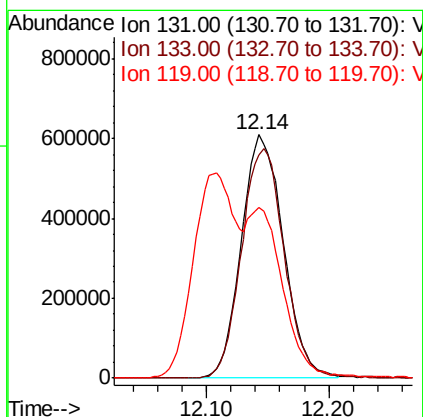
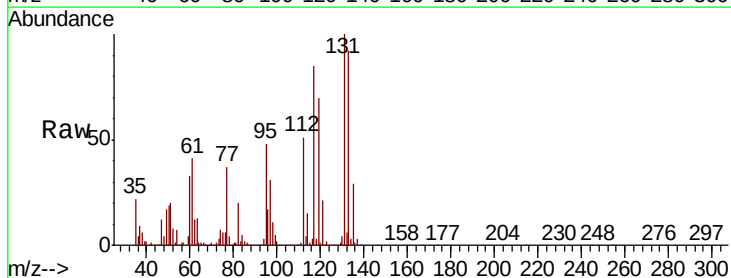
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL0303ABS01
ClientSampleId:
Acq: 3 Mar 2021 17:11

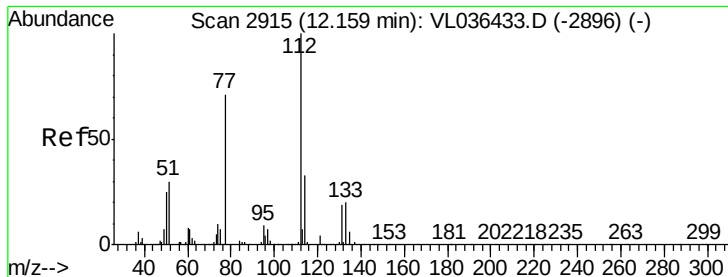
Tot Ion:117 Resp: 4645266
Ion Ratio Lower Upper
117 100
82 57.0 56.5 84.7
119 46.2 27.0 40.4#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.054 ppbv
RT: 12.14 min Scan# 2910
Delta R.T.: 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion:131 Resp: 1452036
Ion Ratio Lower Upper
131 100
133 96.4 76.4 114.6
119 147.8 112.8 169.2





#57

Chlorobenzene

Concen: 7.131 ppbv

RT: 12.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11

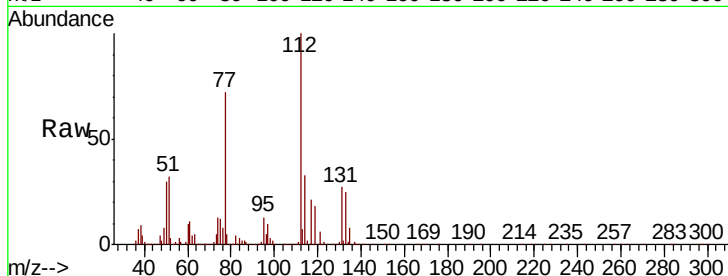
Tot Ion: 112 Resp: 2392646

Ion Ratio Lower Upper

112 100

77 70.7 57.6 86.4

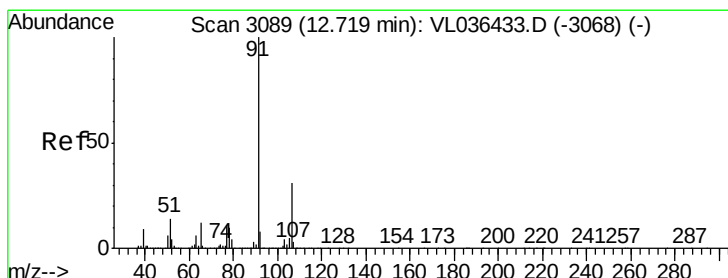
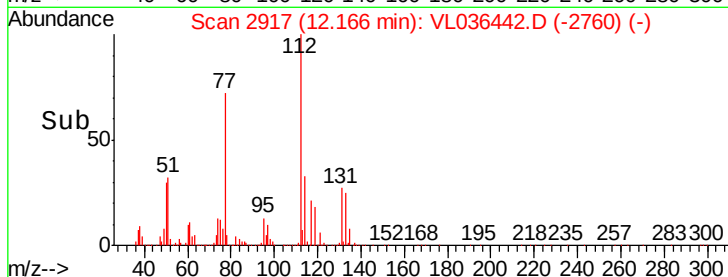
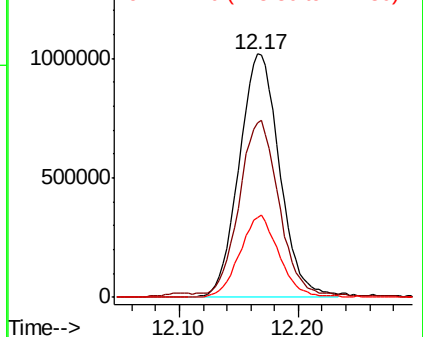
114 32.8 29.5 36.1



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: 7.693 ppbv

RT: 12.73 min Scan# 3092

Delta R.T. 0.01 min

Lab File: VL036442.D

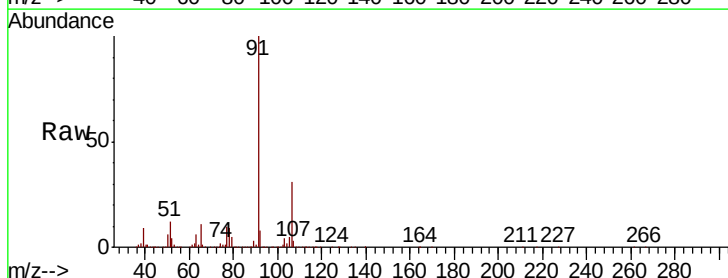
Acq: 3 Mar 2021 17:11

Tgt Ion: 91 Resp: 4439939

Ion Ratio Lower Upper

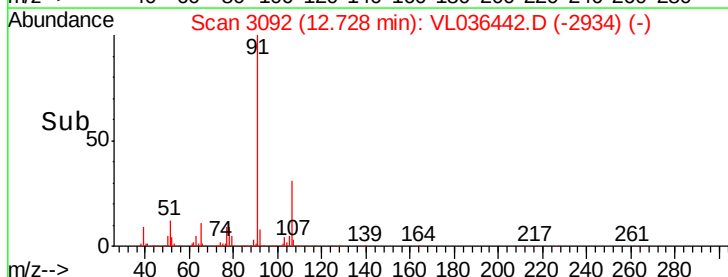
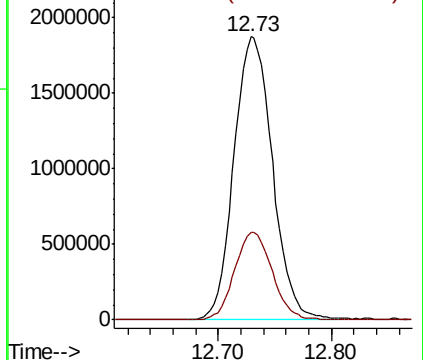
91 100

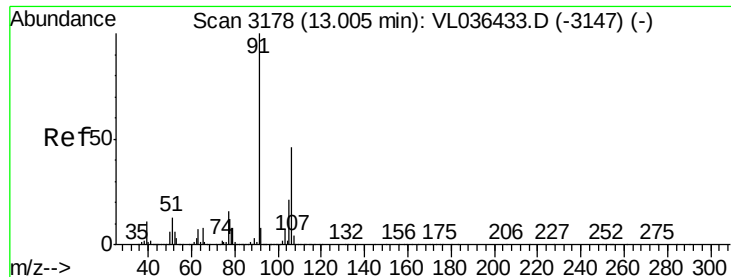
106 30.9 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

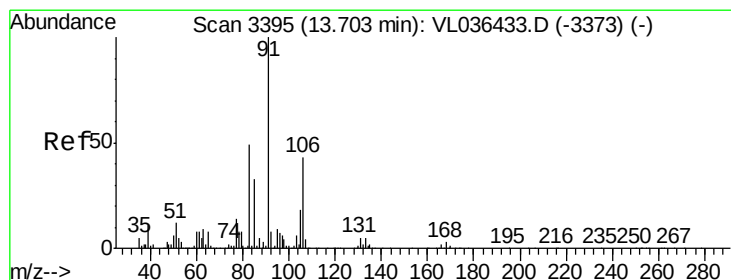
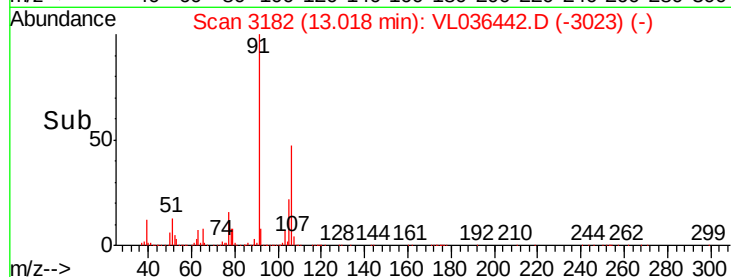
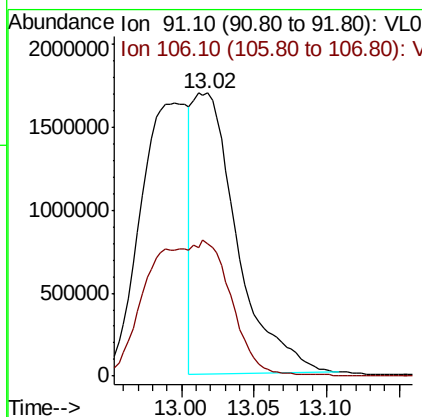
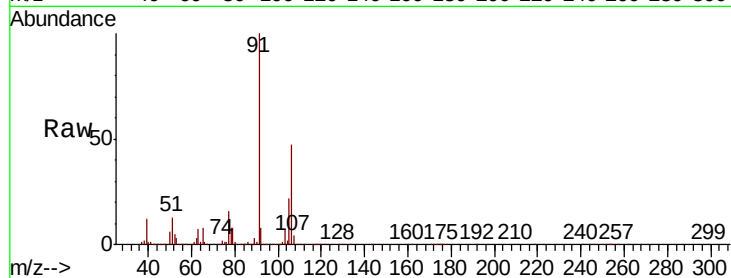
Ion 106.10 (105.80 to 106.80): V





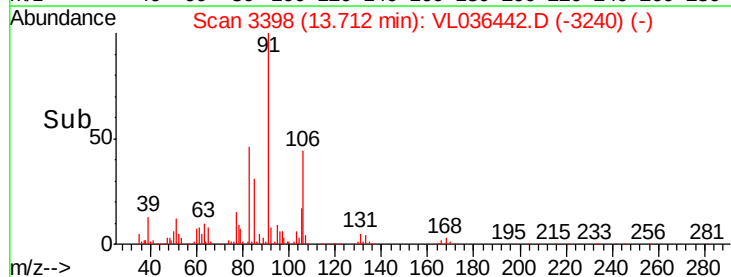
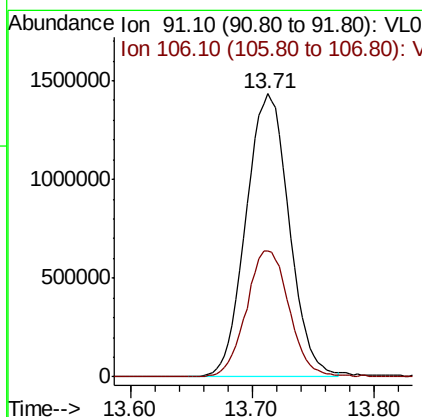
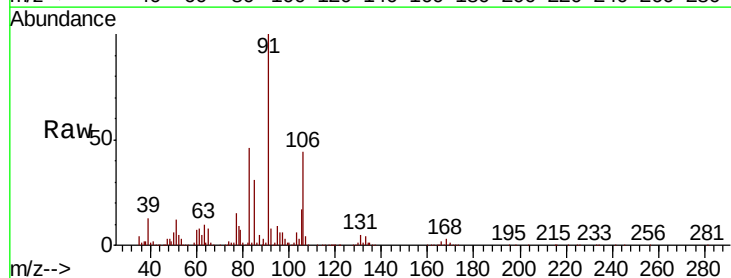
#59
m/p-Xylene
Concen: 7.041 ppbv
RT: 13.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2021 17:11

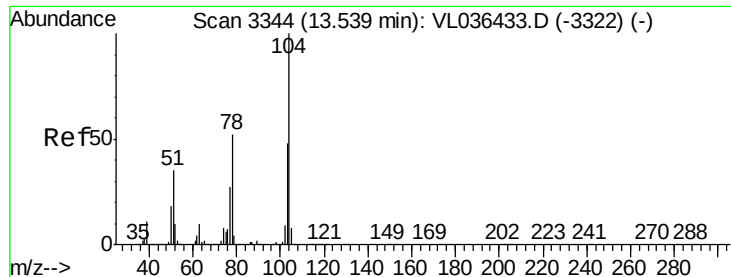
Tot Ion: 91 Resp: 3593021
Ion Ratio Lower Upper
91 100
106 91.3 35.0 52.4#



#60
o-Xylene
Concen: 7.136 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion: 91 Resp: 3498439
Ion Ratio Lower Upper
91 100
106 44.8 21.9 65.8

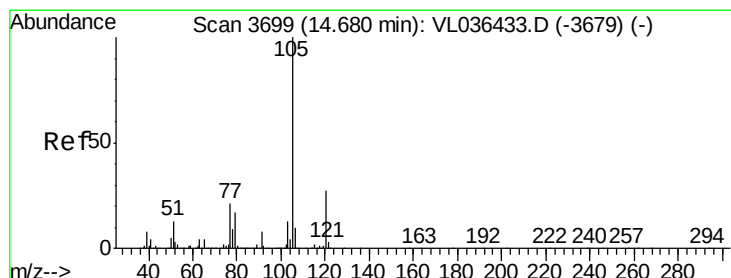
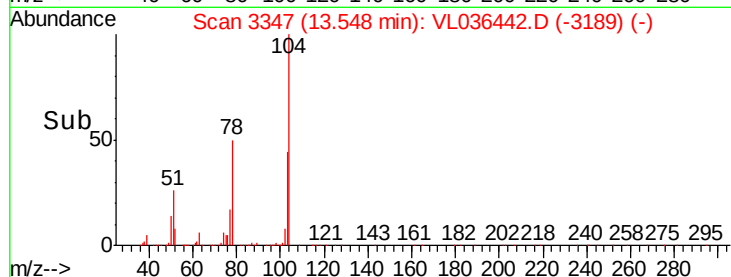
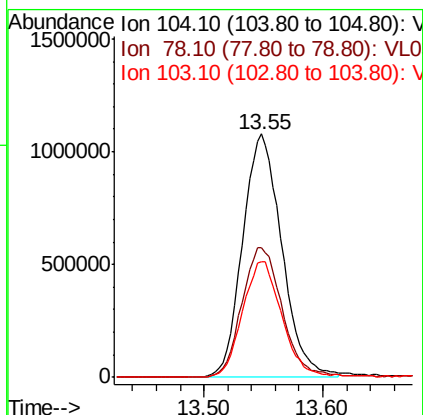
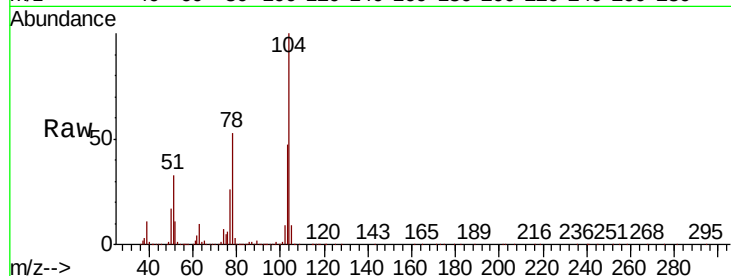




#61
Stvrene
Concen: 8.255 ppbv
RT: 13.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2021 17:11

Tot Ion:104 Resp: 2460981

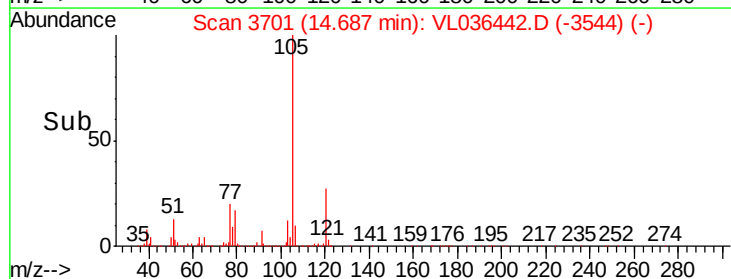
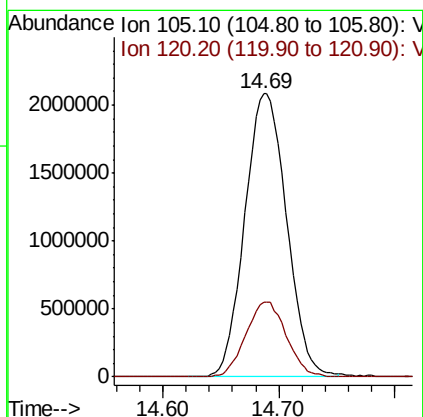
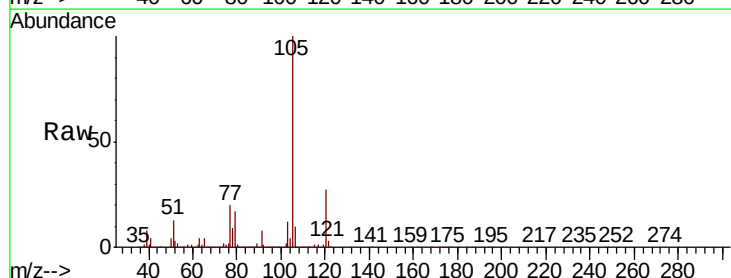
Ion	Ratio	Lower	Upper
104	100		
78	55.3	44.2	66.4
103	48.3	38.6	57.8

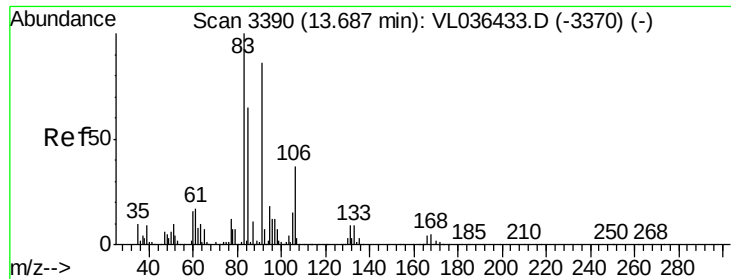


#62
Isopropylbenzene
Concen: 7.064 ppbv
RT: 14.69 min Scan# 3701
Delta R.T. 0.01 min
Lab File: VL036442.D
Acq: 3 Mar 2021 17:11

Tgt Ion:105 Resp: 5221580

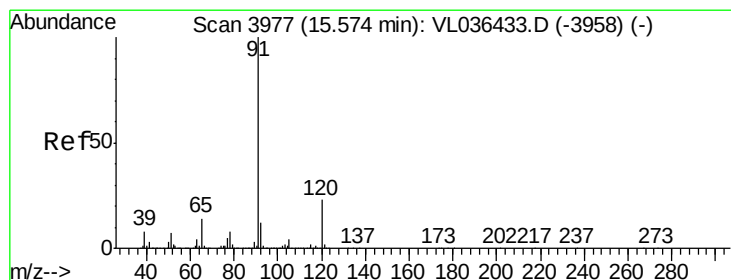
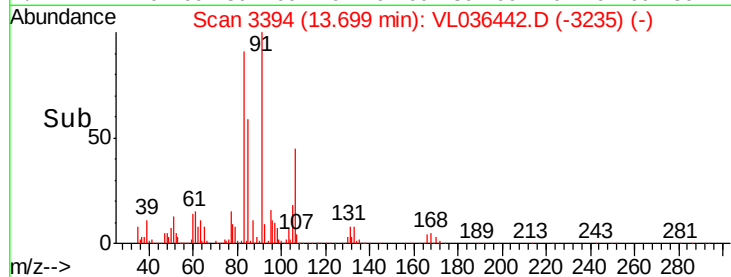
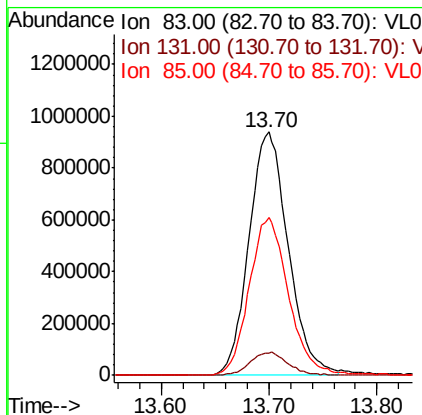
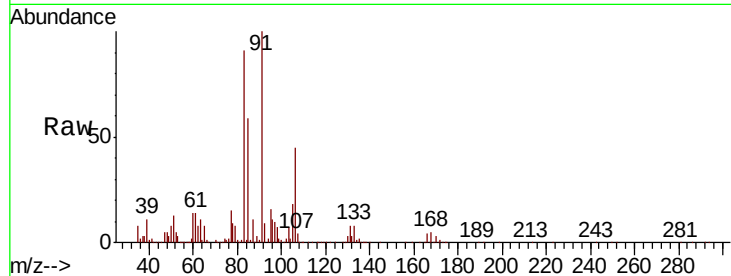
Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.9	31.3





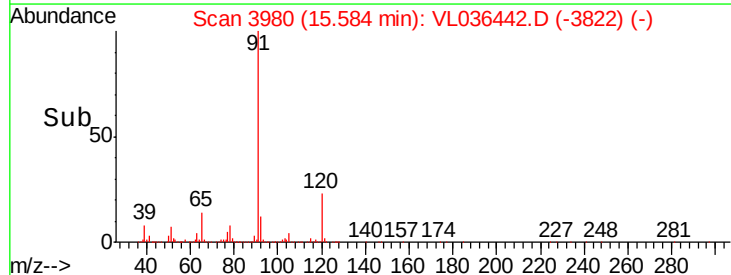
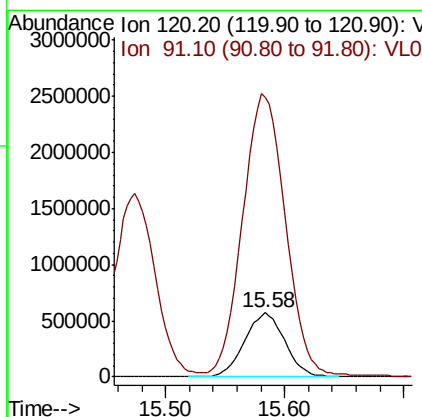
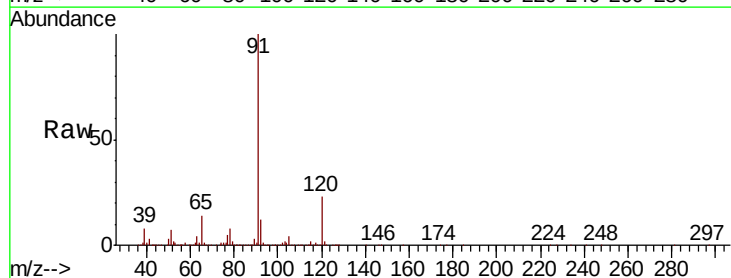
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.190 ppbv
 RT: 13.70 min
 Delta R.T. 0.01 min
 Lab File: VL0303ABS01
 Acq: 3 Mar 2021 17:11

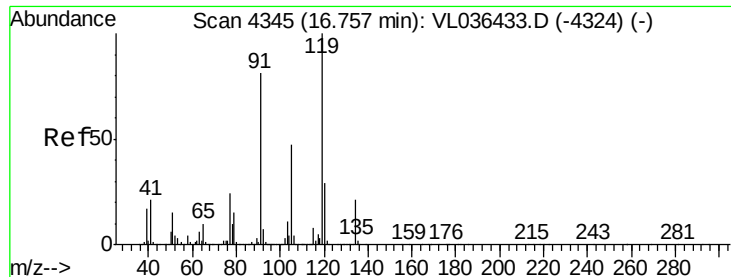
Tot Ion: 83 Resp: 2372513
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.5 13.7
 85 65.7 32.9 98.6



#64
 n-propylbenzene
 Concen: 7.244 ppbv
 RT: 15.58 min Scan# 3980
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion: 120 Resp: 1337584
 Ion Ratio Lower Upper
 120 100
 91 473.4 378.6 567.8

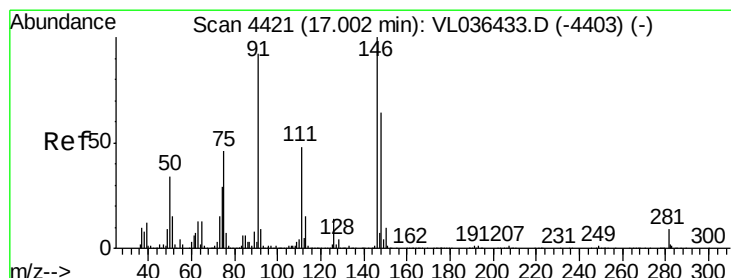
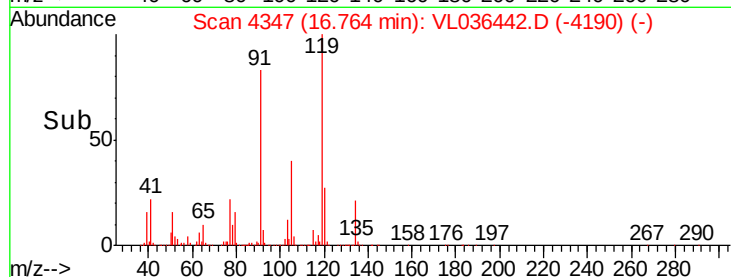
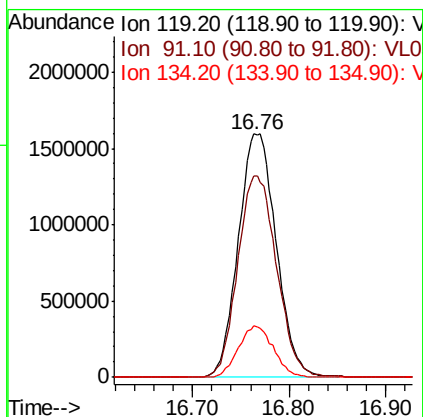
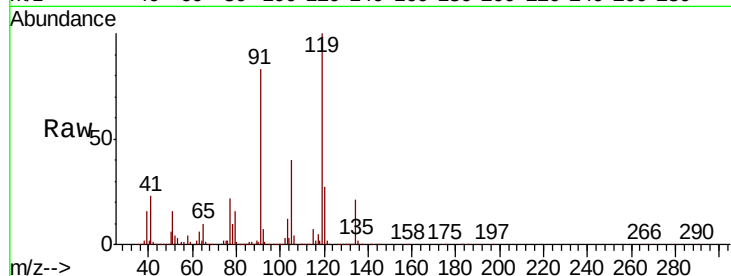




#65
 tert-Butylbenzene
 Concen: 6.753 ppbv
 RT: 16.76 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: VL0303ABS01
 Acq: 3 Mar 2021 17:11

Tot Ion: 119 Resp: 4342695

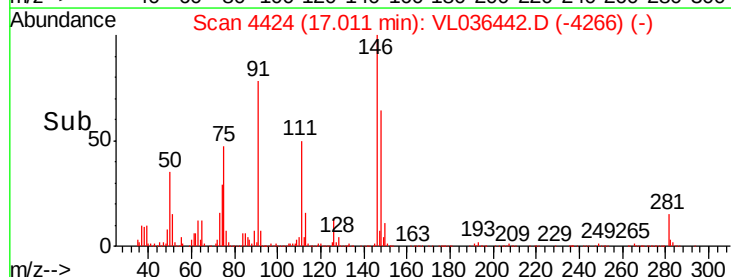
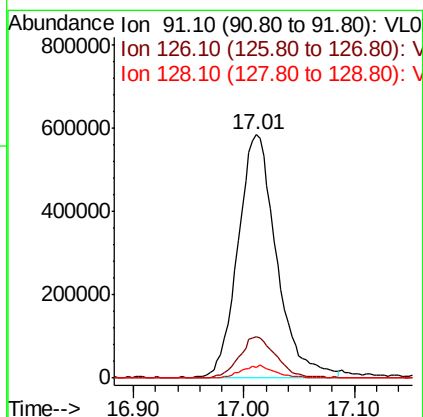
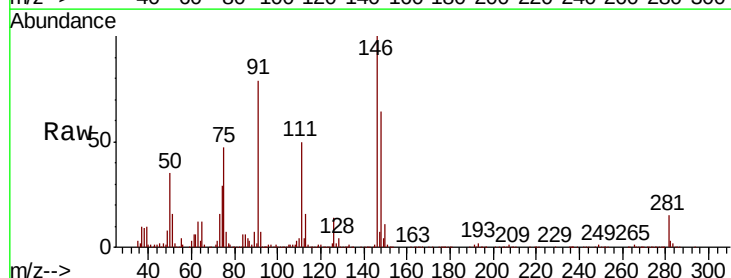
Ion	Ratio	Lower	Upper
119	100		
91	85.3	67.9	101.9
134	19.7	16.0	24.0

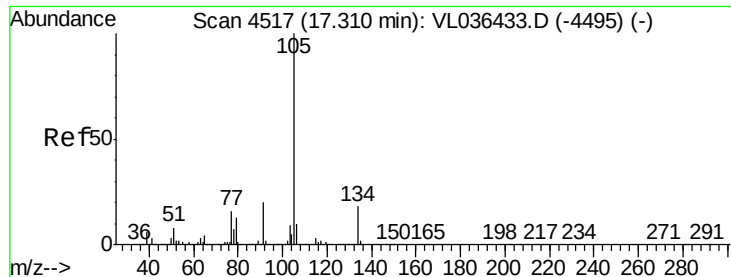


#66
 Benzyl Chloride
 Concen: 7.869 ppbv
 RT: 17.01 min Scan# 4424
 Delta R.T.: 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion: 91 Resp: 1412710

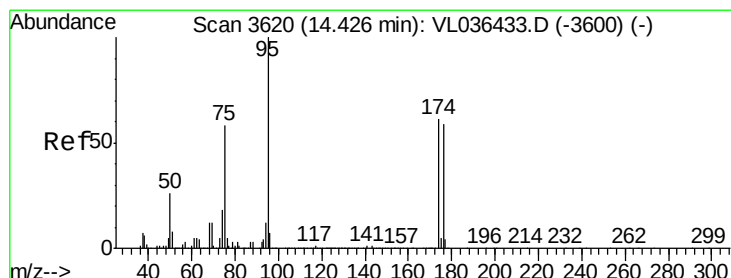
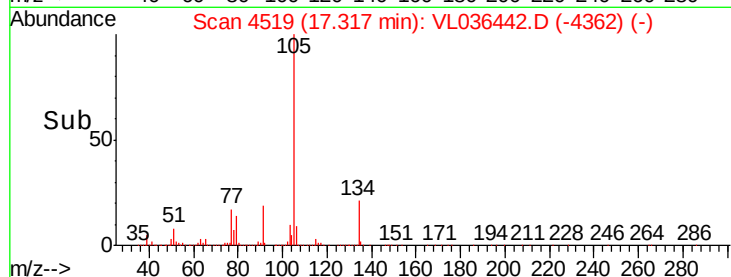
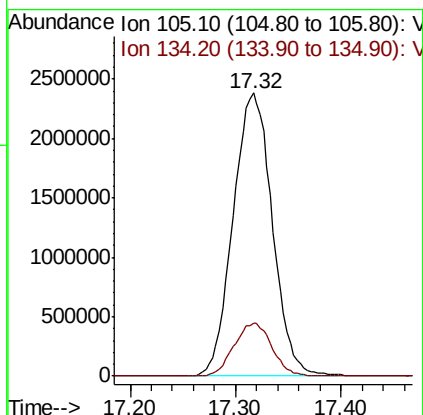
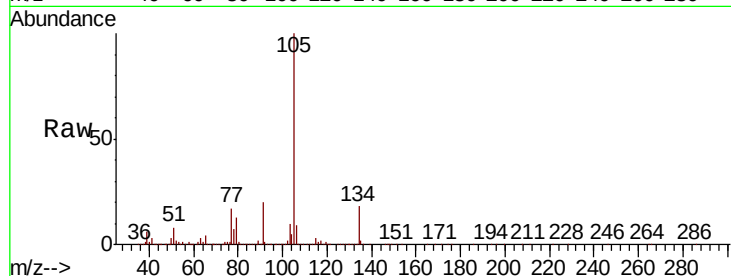
Ion	Ratio	Lower	Upper
91	100		
126	16.7	12.9	19.3
128	5.0	4.0	6.0





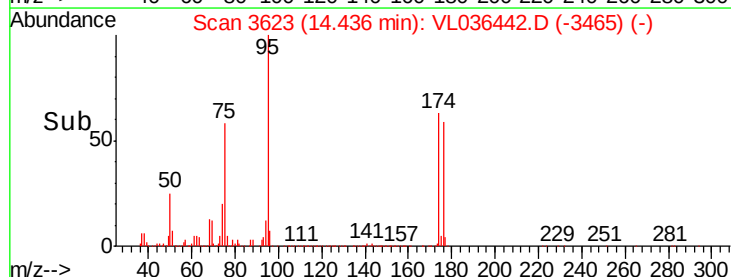
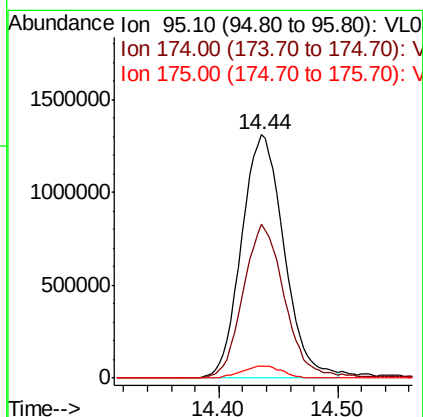
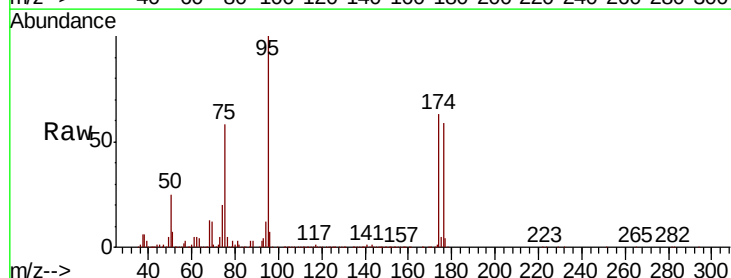
#67
 sec-Butylbenzene
 Concen: 6.826 ppbv
 RT: 17.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2021 17:11

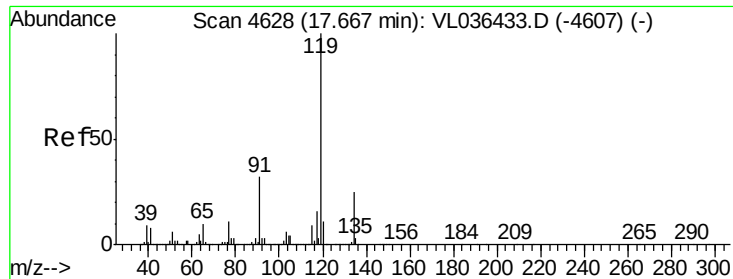
Tot Ion:105 Resp: 6130491
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.9 22.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.455 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

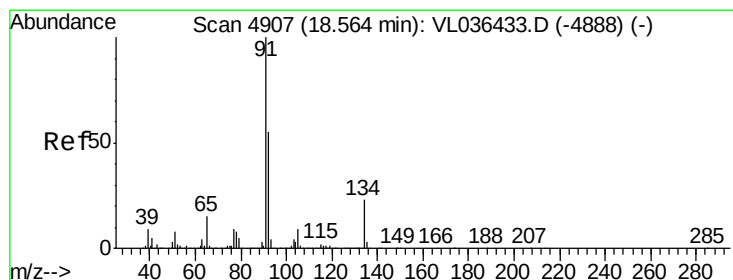
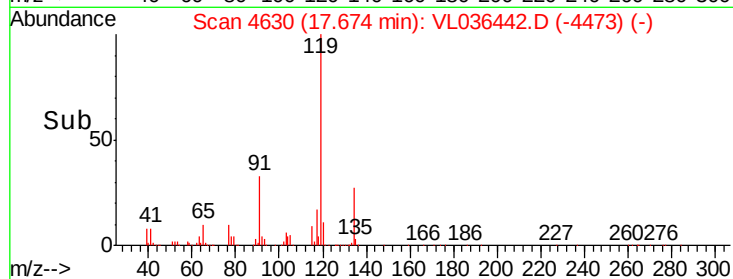
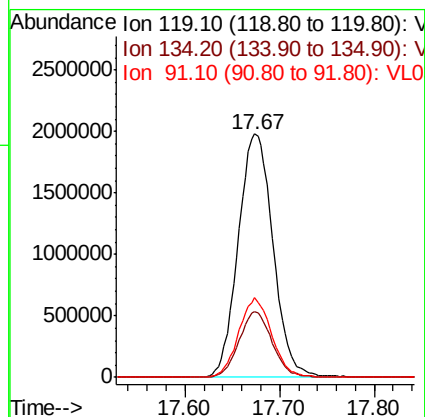
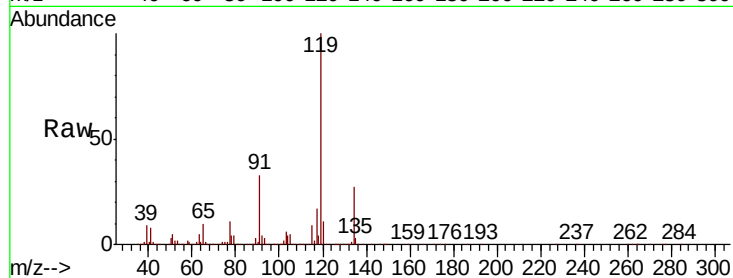
Tgt Ion: 95 Resp: 3230031
 Ion Ratio Lower Upper
 95 100
 174 63.1 51.0 76.4
 175 4.9 3.8 5.6





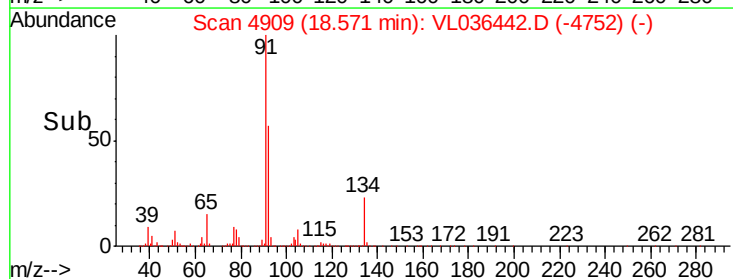
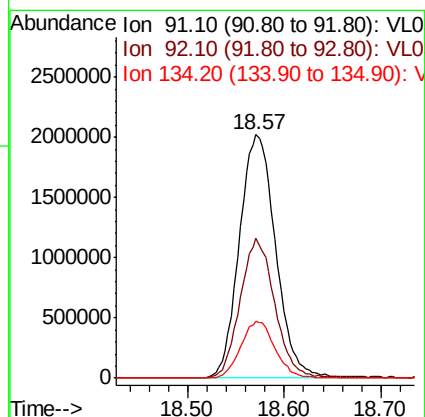
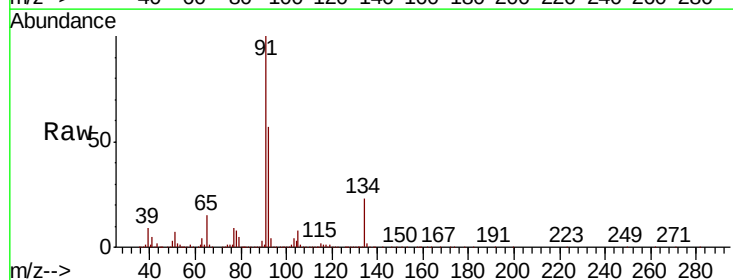
#69
 p-Isopropyltoluene
 Concen: 7.038 ppbv
 RT: 17.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2021 17:11

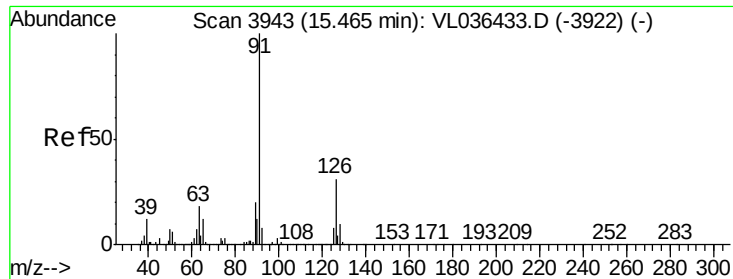
Tot Ion:	119	Resp:	5057106
Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.6	30.8
91	30.9	25.3	37.9



#70
 n-Butylbenzene
 Concen: 7.095 ppbv
 RT: 18.57 min Scan# 4909
 Delta R.T.: 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

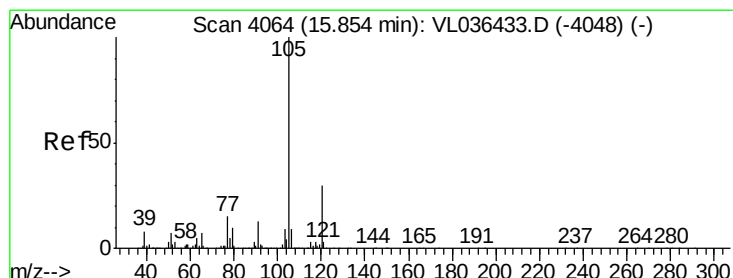
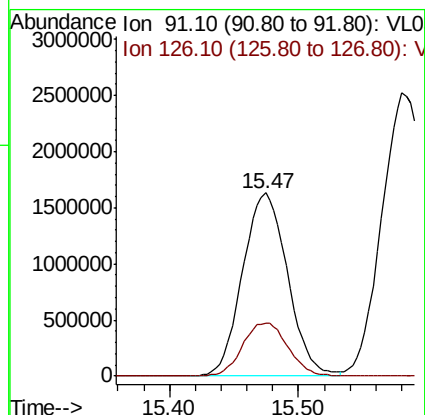
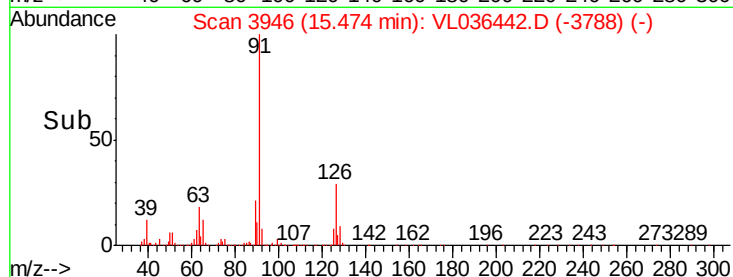
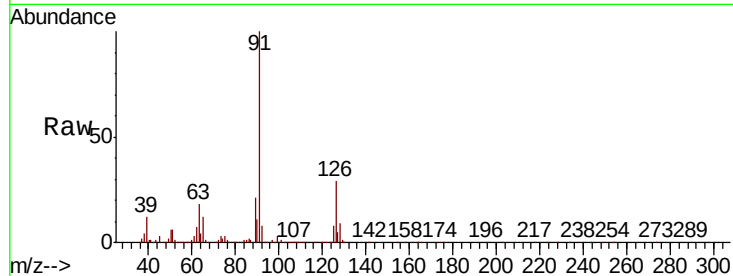
Tgt Ion:	91	Resp:	5269858
Ion	Ratio	Lower	Upper
91	100		
92	54.8	44.1	66.1
134	22.2	17.9	26.9





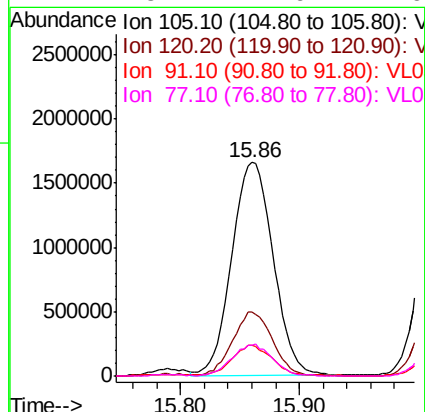
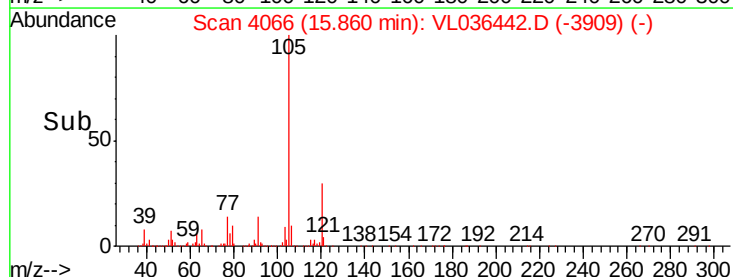
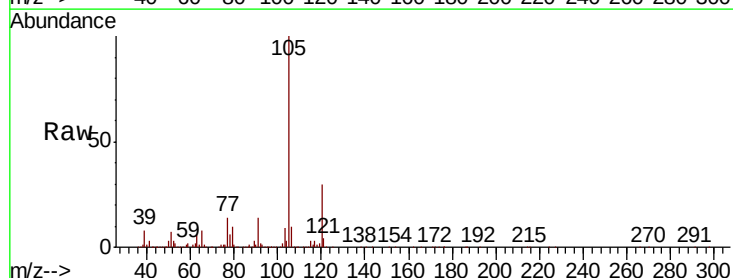
#71
 2-Chlorotoluene
 Concen: 7.115 ppbv
 RT: 15.47
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0303ABS01
 Acq: 3 Mar 2021 17:11

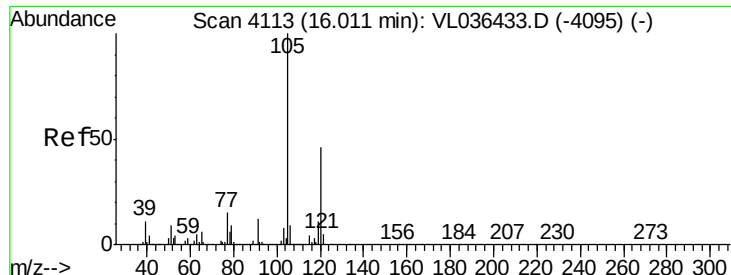
Tot Ion: 91 Resp: 3956079
 Ion Ratio Lower Upper
 91 100
 126 29.6 12.0 48.0



#72
 4-Ethyltoluene
 Concen: 7.495 ppbv
 RT: 15.86 min Scan# 4066
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

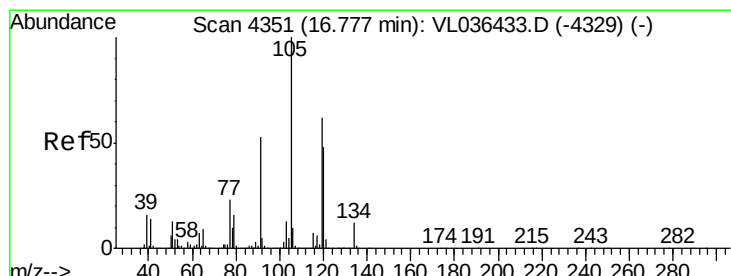
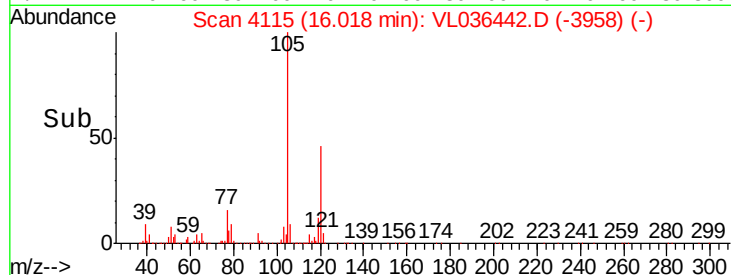
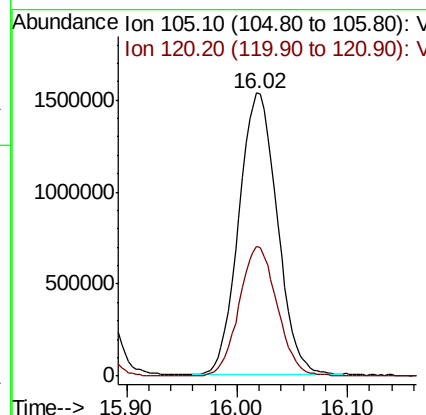
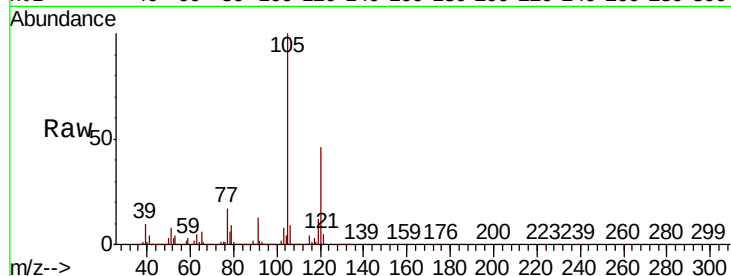
Tgt Ion:105 Resp: 3990978
 Ion Ratio Lower Upper
 105 100
 120 29.4 23.8 35.6
 91 13.8 10.9 16.3
 77 15.1 11.9 17.9





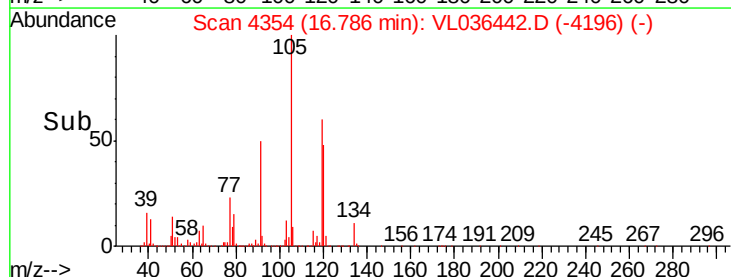
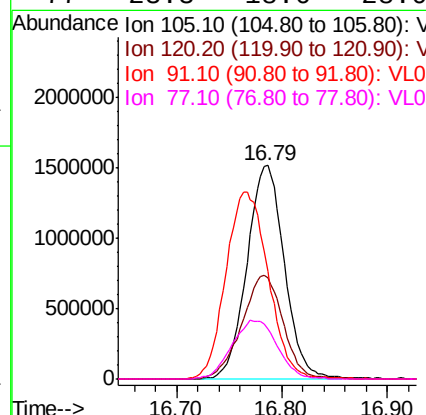
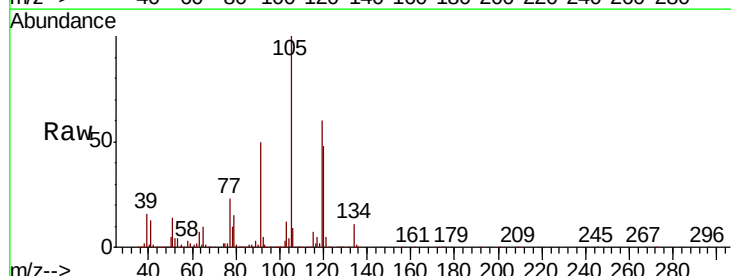
#73
 1,3,5-Trimethylbenzene
 Concen: 7.146 ppbv
 RT: 16.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2021 17:11

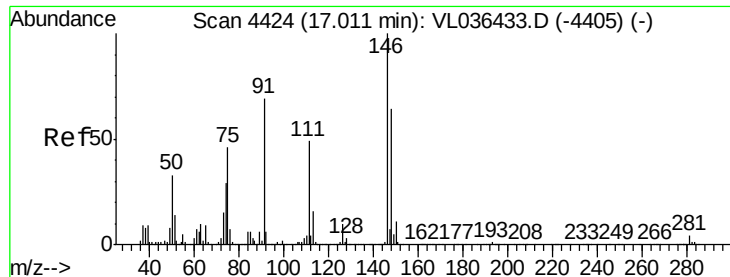
Tot Ion:105 Resp: 3691418
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.4 54.6



#74
 1,2,4-Trimethylbenzene
 Concen: 6.817 ppbv
 RT: 16.79 min Scan# 4354
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

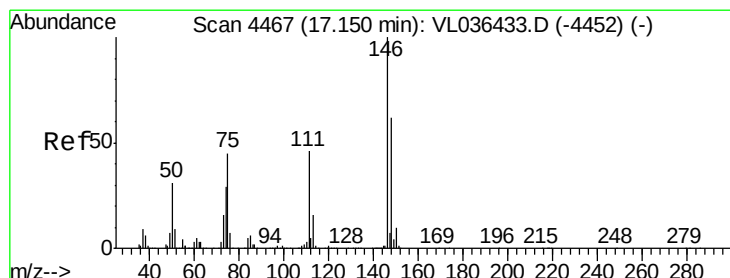
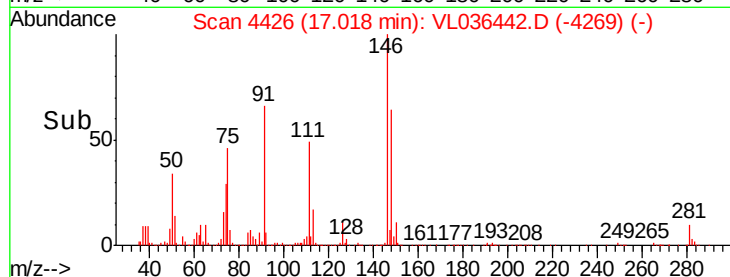
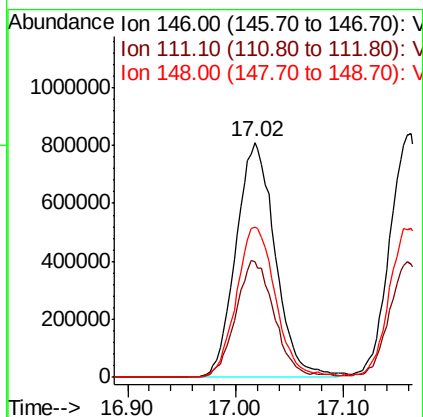
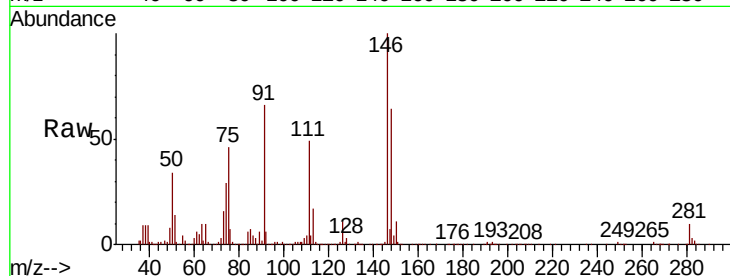
Tgt Ion:105 Resp: 3739064
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.2 57.4
 91 49.7 42.6 63.8
 77 23.3 18.6 28.0





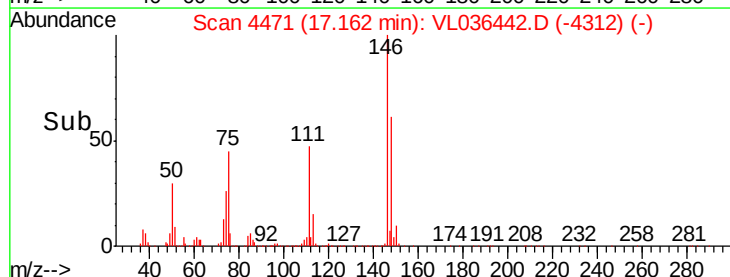
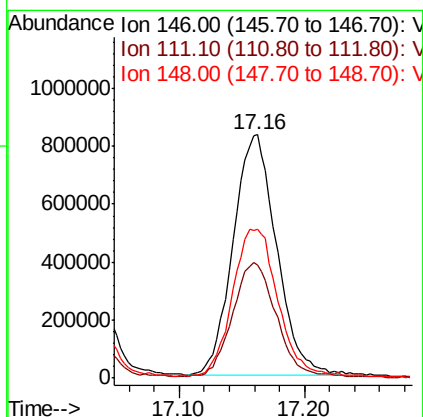
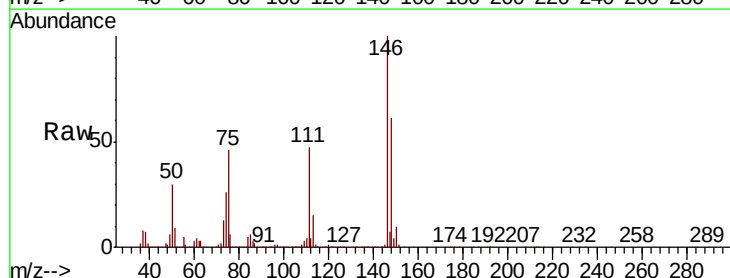
#75
 1,3-Dichlorobenzene
 Concen: 6.712 ppbv
 RT: 17.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2021 17:11

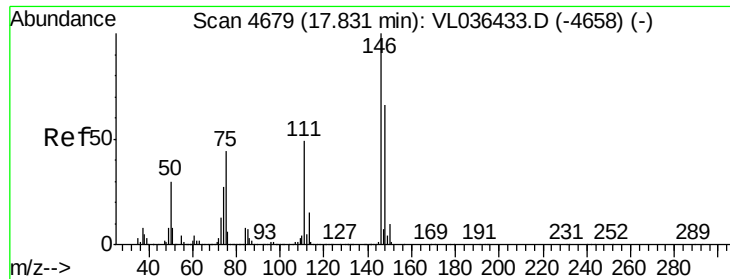
Tot Ion:146 Resp: 2044404
 Ion Ratio Lower Upper
 146 100
 111 49.2 24.5 73.5
 148 64.1 32.4 97.0



#76
 1,4-Dichlorobenzene
 Concen: 6.533 ppbv
 RT: 17.16 min Scan# 4471
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion:146 Resp: 1988407
 Ion Ratio Lower Upper
 146 100
 111 49.2 24.5 73.5
 148 65.9 33.1 99.2

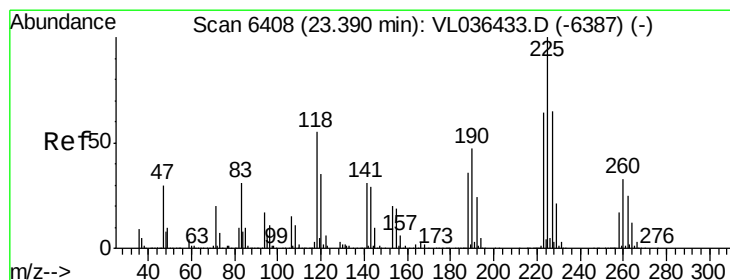
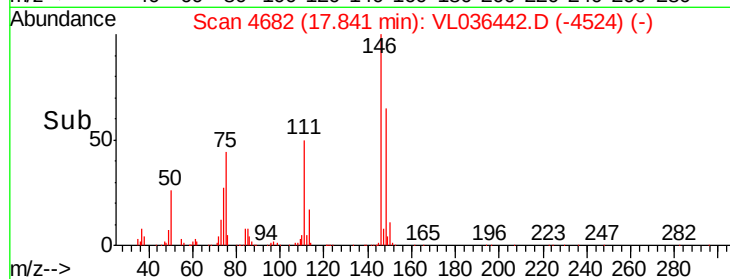
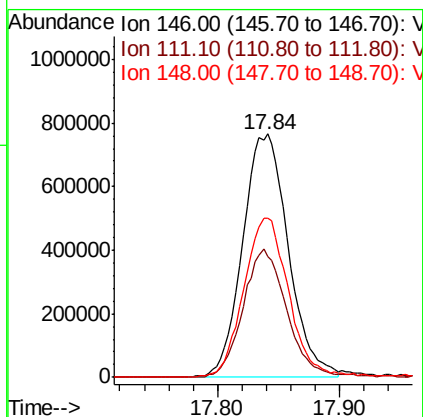
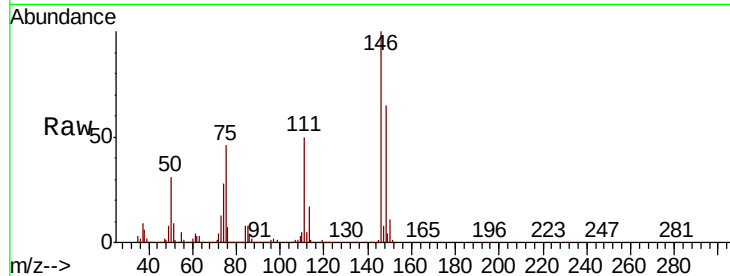




#77
 1,2-Dichlorobenzene
 Concen: 6.610 ppbv
 RT: 17.84 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2021 17:11

Tot Ion:146 Resp: 1971288

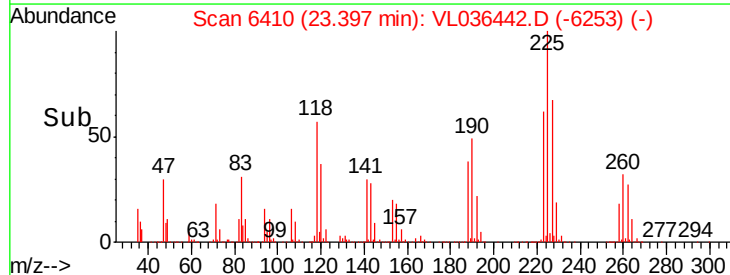
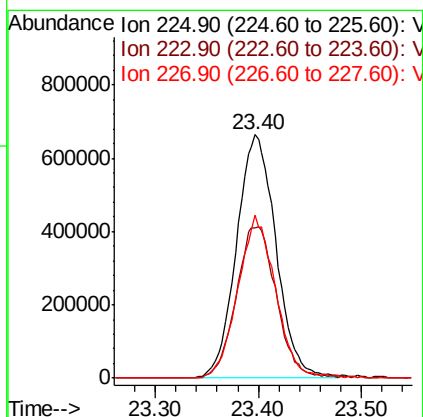
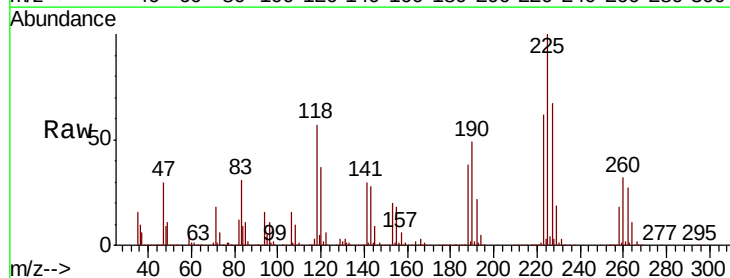
Ion	Ratio	Lower	Upper
146	100		
111	50.3	25.4	76.2
148	64.3	32.0	96.2

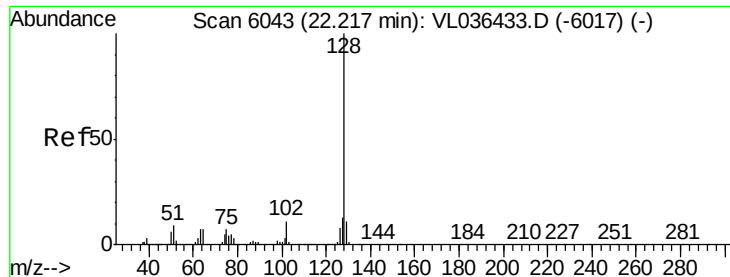


#78
 Hexachloro-1,3-Butadiene
 Concen: 7.427 ppbv
 RT: 23.40 min Scan# 6410
 Delta R.T. 0.01 min
 Lab File: VL036442.D
 Acq: 3 Mar 2021 17:11

Tgt Ion:225 Resp: 1762533

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.8	77.8
227	64.5	53.0	79.6





#79

Naphthalene

Concen: 11.018 ppbv

RT: 22.23

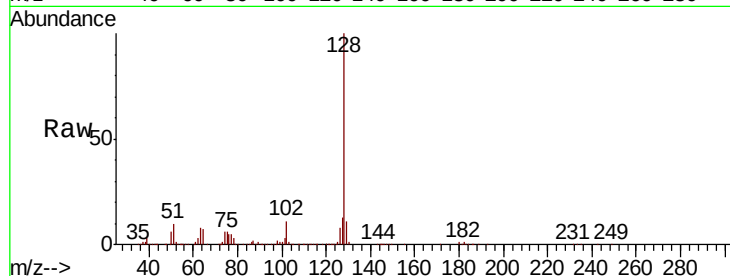
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 17:11

Tot Ion:128 Resp: 3539725

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.7	9.1	13.7

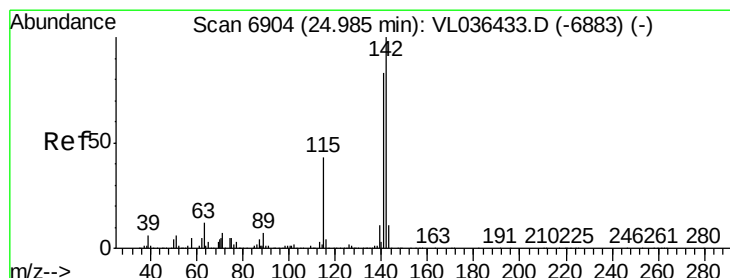
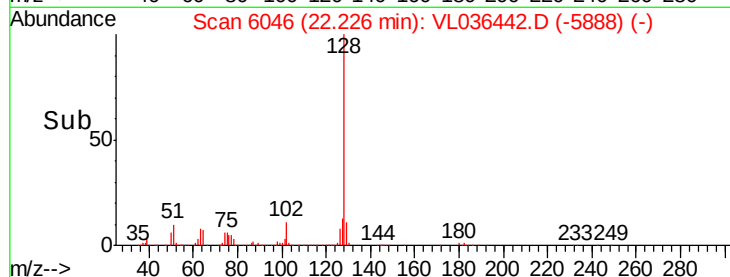


Abundance

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: 12.530 ppbv

RT: 24.99 min Scan# 6906

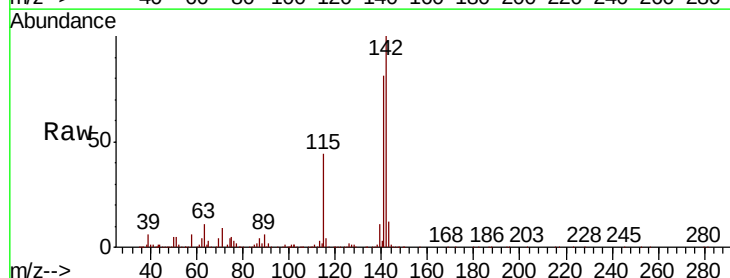
Delta R.T. 0.01 min

Lab File: VL036442.D

Acq: 3 Mar 2021 17:11

Tgt Ion:142 Resp: 870429

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.0	103.6
115	43.6	32.4	48.6

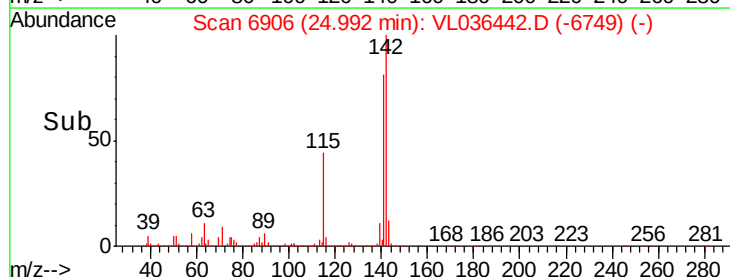


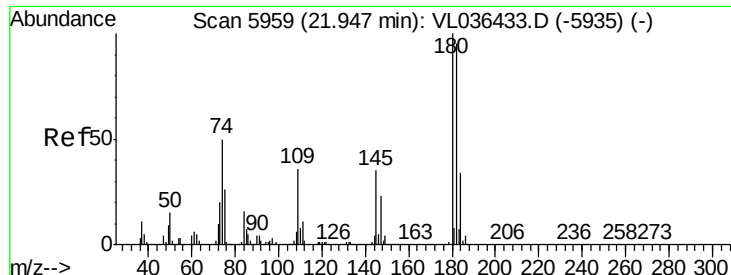
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

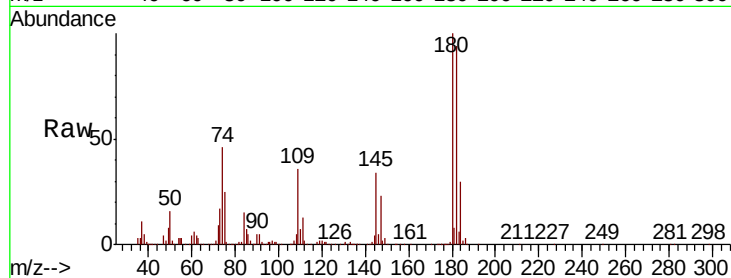
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 9.592 ppbv
 RT: 21.96
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2021 17.11

Tot Ion:180 Resp: 1771341
 Ion Ratio Lower Upper
 180 100
 182 100.1 81.8 122.6
 184 31.8 26.6 40.0



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

