

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036818.D
 Acq On : 20 Apr 2021 9:27
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 21 06:34:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1336438	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3475524	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3899185	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2309577	7.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	74.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	1908818	8.757	ppbv 98
3) Chlorodifluoromethane	2.99	51	2481391	9.938	ppbv 100
4) Chloromethane	3.14	50	891223	10.105	ppbv 98
5) Vinyl Chloride	3.26	62	883809	9.746	ppbv 93
6) Bromomethane	3.47	94	511171	10.238	ppbv 99
7) Chloroethane	3.56	64	317471	10.188	ppbv 99
8) Dichlorotetrafluoroethane	3.19	85	2103842	10.113	ppbv 99
9) Propene	3.01	41	833283	10.468	ppbv 99
10) Heptane	8.13	43	2127741	10.492	ppbv 99
11) Trichlorofluoromethane	3.95	101	2139900	9.633	ppbv 96
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1453075	10.231	ppbv 99
13) Ethanol	3.61	45	103952	10.966	ppbv 99
14) Bromoethene	3.74	108	615459	10.424	ppbv 99
15) Acetone	3.85	43	1274772	9.691	ppbv 100
16) 1,3-Butadiene	3.33	39	921772	10.066	ppbv 99
17) tert-Butyl alcohol	4.29	59	1358829	11.867	ppbv 99
18) 1,1-Dichloroethene	4.29	96	634610	10.045	ppbv 98
19) Isopropyl Alcohol	3.97	45	795732	10.997	ppbv # 97
20) Methylene Chloride	4.35	84	563934	9.157	ppbv 98
21) Allyl Chloride	4.41	41	1091078	10.406	ppbv 99
22) trans-1,2-Dichloroethene	4.89	96	619887	10.584	ppbv 97
23) Vinyl Acetate	5.08	43	2384311	10.597	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1645539	10.034	ppbv 99
25) Ethyl Acetate	5.68	43	3270451	10.458	ppbv 100
26) Hexane	5.69	57	1527104	10.523	ppbv 99
27) Carbon Disulfide	4.55	76	1599802	11.191	ppbv 98
28) Methyl tert-Butyl Ether	5.04	73	1883819	11.007	ppbv 99
29) Chloroform	5.76	83	2385399	10.278	ppbv 100
30) Cyclohexane	7.14	84	1302922	11.070	ppbv 98
31) cis-1,2-Dichloroethene	5.55	61	1520646	10.834	ppbv 96
32) 1,1,1-Trichloroethane	6.52	97	2427460	10.378	ppbv 99
34) 2-Butanone	5.25	43	1649921	9.725	ppbv 99
35) Carbon Tetrachloride	7.02	117	2547820	9.544	ppbv 98
36) Benzene	6.90	78	3205125	9.999	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1849586	9.804	ppbv 100
38) Trichloroethene	7.84	130	1155332	9.262	ppbv 94
39) 1,2-Dichloropropane	7.63	63	1244534	9.571	ppbv 94
40) 1,4-Dioxane	7.84	88	122389	4.044	ppbv # 1
41) Tetrahydrofuran	6.06	42	770100	9.845	ppbv 94
42) Bromodichloromethane	7.80	83	2586029	10.078	ppbv 100
43) Methyl Methacrylate	8.02	69	1153371	10.716	ppbv 97

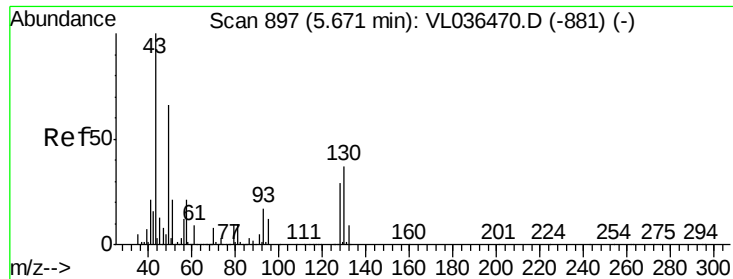
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036818.D
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Quant Time: Apr 21 06:34:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
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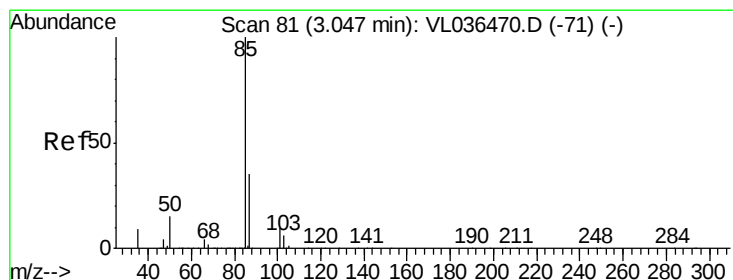
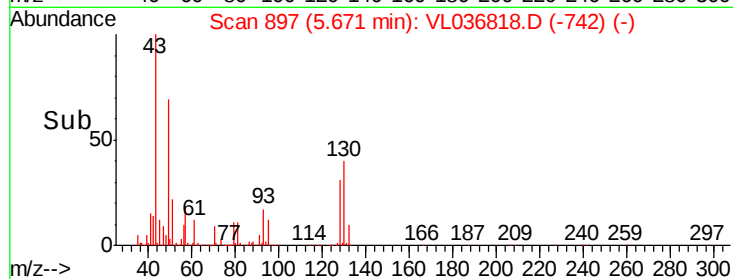
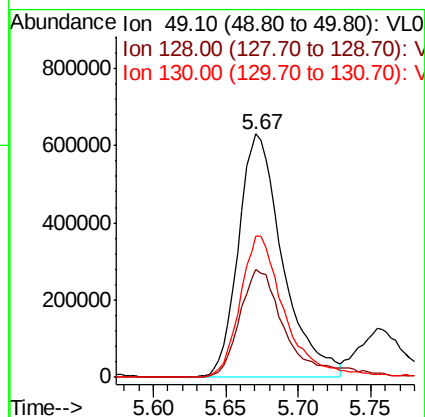
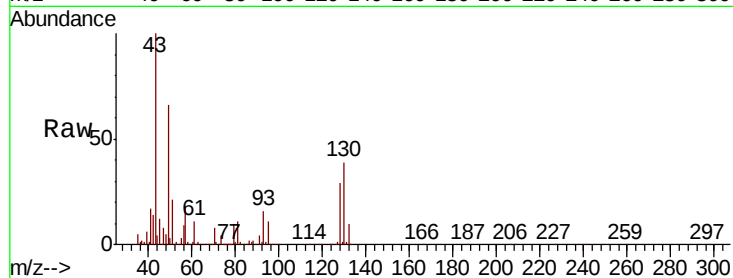
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5329911	9.448	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1360123	11.066	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	1726004	10.986	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	1285951	9.764	ppbv	96
48) Dibromochloromethane	10.31	129	2135172	10.635	ppbv	100
49) Bromoform	13.05	173	1744937	10.787	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	2484304	10.120	ppbv	100
51) 2-Hexanone	10.15	43	1309286	10.569	ppbv #	98
52) Tetrachloroethene	11.23	164	1101641	9.333	ppbv	98
53) Toluene	9.82	91	3573930	10.470	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1863355	10.019	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1430369	8.110	ppbv	93
57) Chlorobenzene	12.16	112	2642801	7.966	ppbv	98
58) Ethyl Benzene	12.72	91	4746607	8.367	ppbv	100
59) m/p-Xylene	13.00	91	4261857	8.613	ppbv #	37
60) o-Xylene	13.70	91	3773808	7.888	ppbv	99
61) Styrene	13.54	104	2201912	9.148	ppbv	99
62) Isopropylbenzene	14.68	105	5171553	8.027	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.69	83	2731140	7.484	ppbv	100
64) n-propylbenzene	15.57	120	1337633	8.492	ppbv	98
65) tert-Butylbenzene	16.76	119	4519571	8.090	ppbv	99
66) Benzyl Chloride	17.00	91	613233	9.931	ppbv	99
67) sec-Butylbenzene	17.31	105	6315044	8.008	ppbv	100
69) p-Isopropyltoluene	17.67	119	5261664	8.544	ppbv	99
70) n-Butylbenzene	18.56	91	5363824	8.401	ppbv	99
71) 2-Chlorotoluene	15.46	91	3990194	8.265	ppbv	100
72) 4-Ethyltoluene	15.85	105	4466358	8.520	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	4082009	8.343	ppbv	98
74) 1,2,4-Trimethylbenzene	16.78	105	4202356	8.026	ppbv	96
75) 1,3-Dichlorobenzene	17.01	146	2478965	8.411	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2412813	8.246	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	2352211	8.491	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	1736112	6.997	ppbv	99
79) Naphthalene	22.21	128	2813558	9.209	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	583719	9.688	ppbv	98
81) 1,2,4-Trichlorobenzene	21.94	180	1611130	8.541	ppbv	97

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



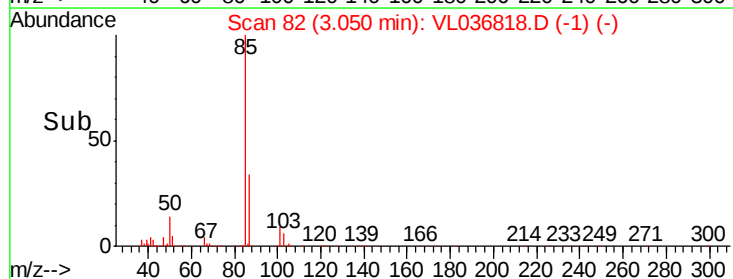
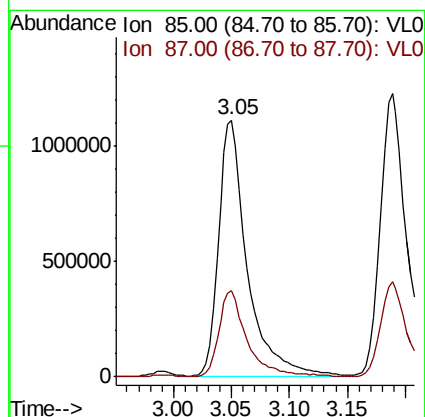
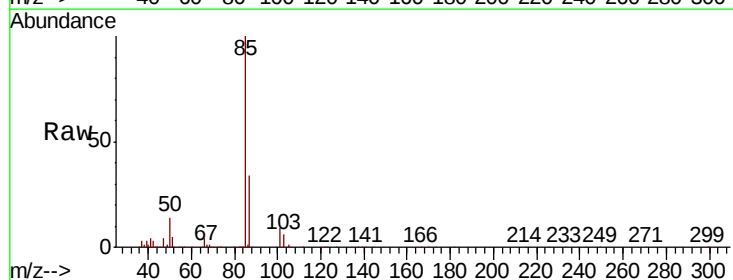
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 9:27

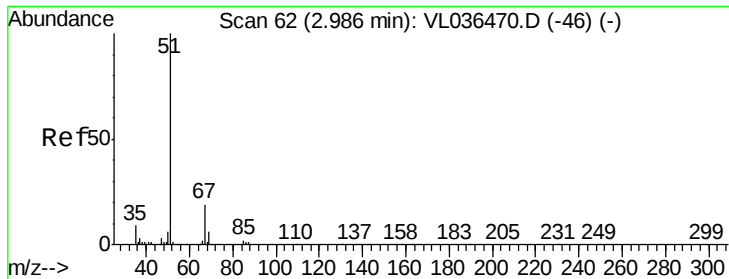
Tot Ion: 49 Resp: 1336438
 Ion Ratio Lower Upper
 49 100
 128 47.7 23.5 70.6
 130 59.4 29.1 87.4



#2
 Dichlorodifluoromethane
 Concen: 8.757 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T.: 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion: 85 Resp: 1908818
 Ion Ratio Lower Upper
 85 100
 87 33.7 27.8 41.8





#3

Chlorodifluoromethane

Concen: 9.938 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

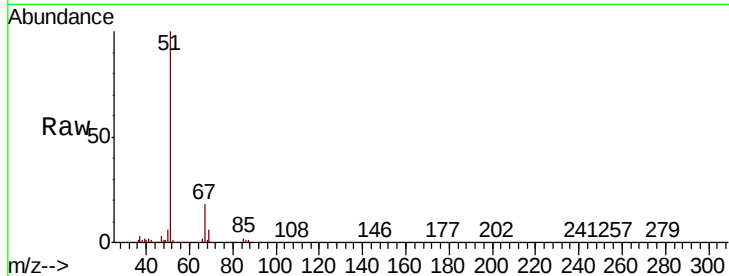
Acq: 20 Apr 2021 9:27

Tot Ion: 51 Resp: 2481391

Ion Ratio Lower Upper

51 100

67 18.4 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.99

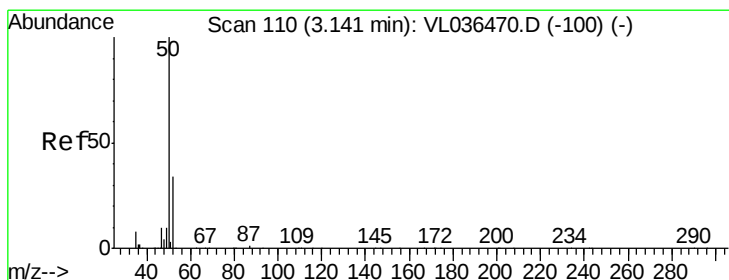
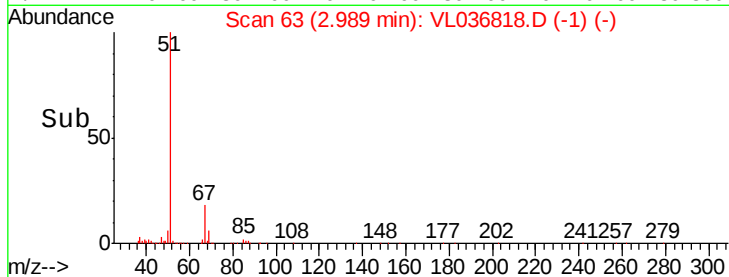
1500000

1000000

500000

0

Time-->



#4

Chloromethane

Concen: 10.105 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL036818.D

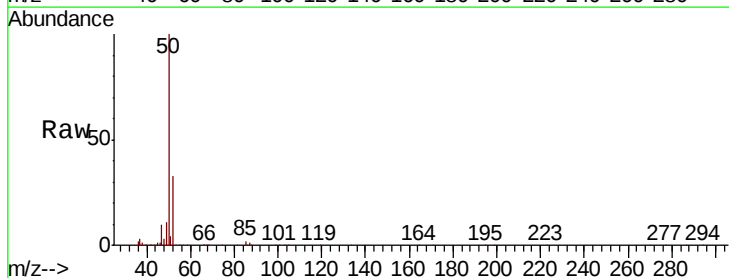
Acq: 20 Apr 2021 9:27

Tgt Ion: 50 Resp: 891223

Ion Ratio Lower Upper

50 100

52 32.9 27.0 40.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

600000

500000

400000

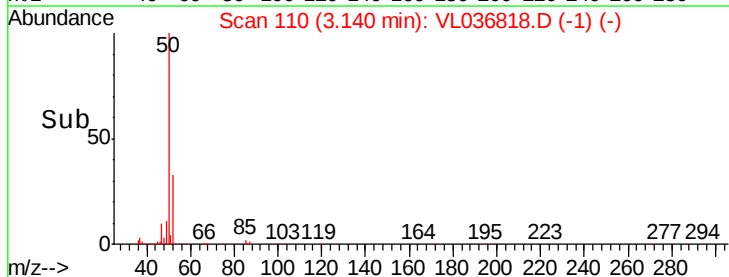
300000

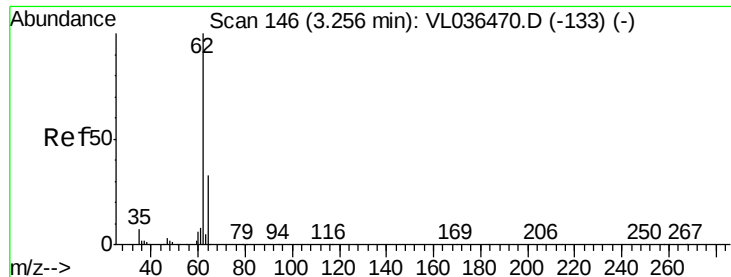
200000

100000

0

Time-->





#5

Vinyl Chloride

Concen: 9.746 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

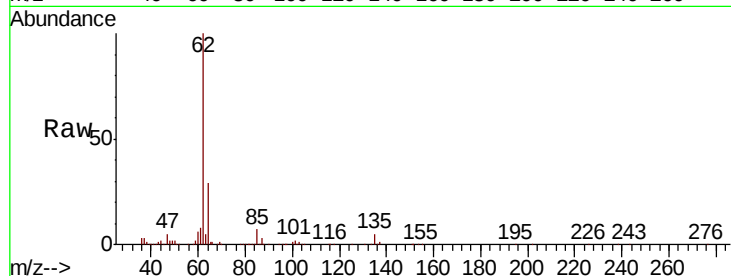
Acq: 20 Apr 2021 9:27

Tot Ion: 62 Resp: 883809

Ion Ratio Lower Upper

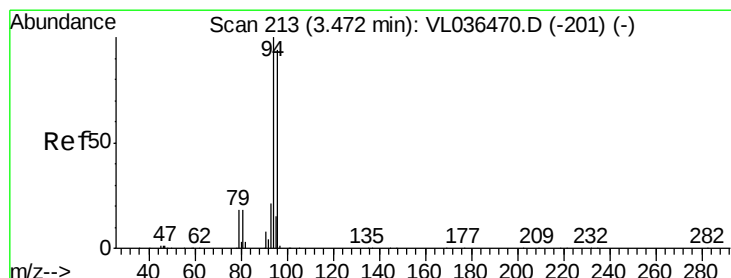
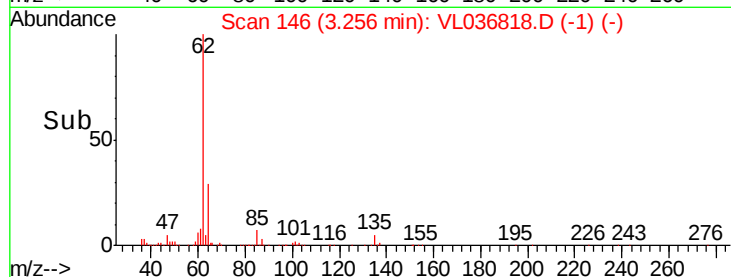
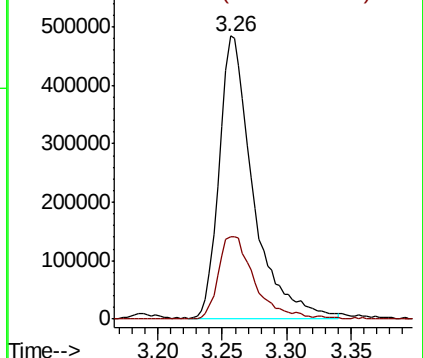
62 100

64 29.2 26.4 39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 10.238 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL036818.D

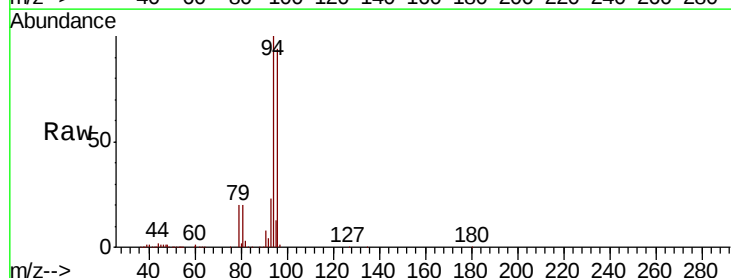
Acq: 20 Apr 2021 9:27

Tgt Ion: 94 Resp: 511171

Ion Ratio Lower Upper

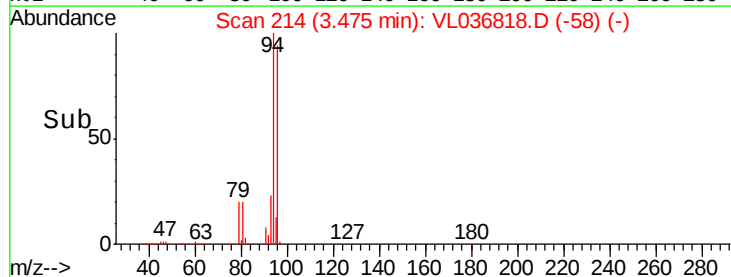
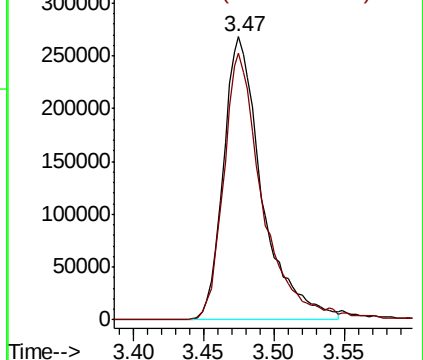
94 100

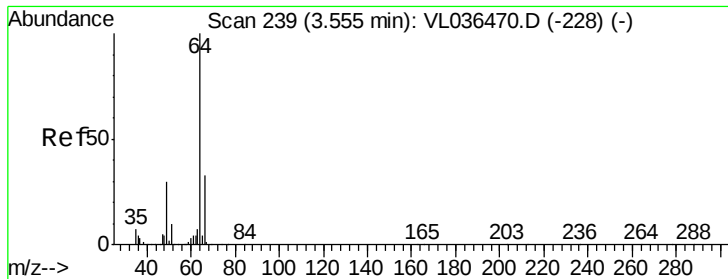
96 94.3 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.188 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

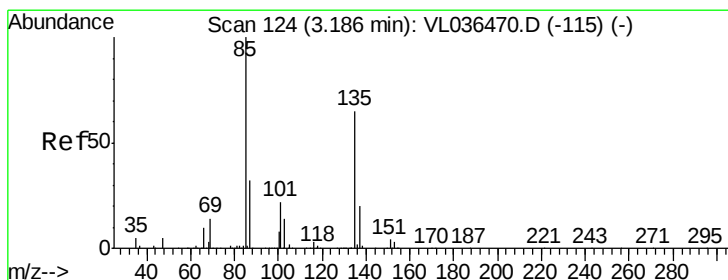
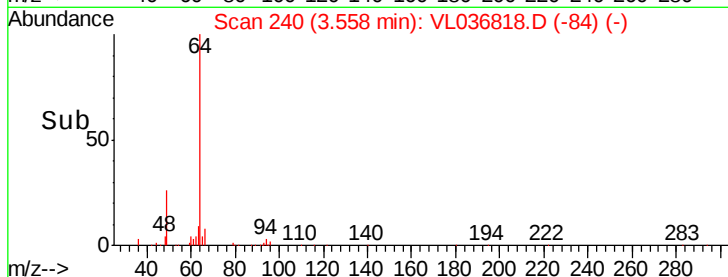
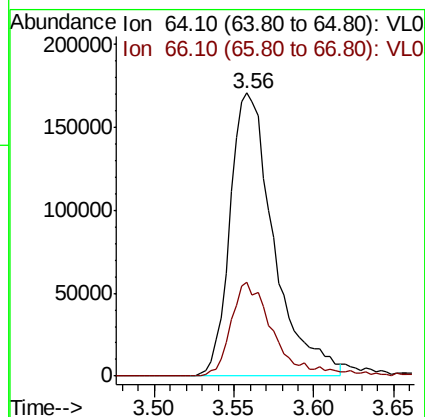
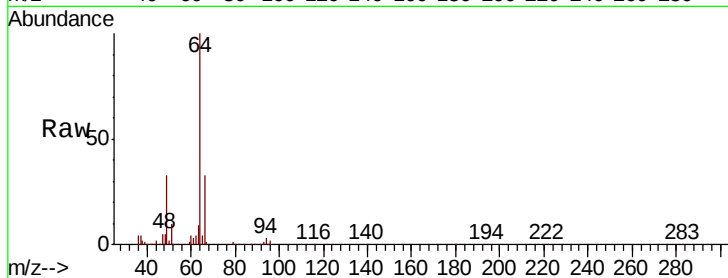
Acq: 20 Apr 2021 9:27

Tot Ion: 64 Resp: 317471

Ion Ratio Lower Upper

64 100

66 33.2 26.2 39.2



#8

Dichlorotetrafluoroethane

Concen: 10.113 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036818.D

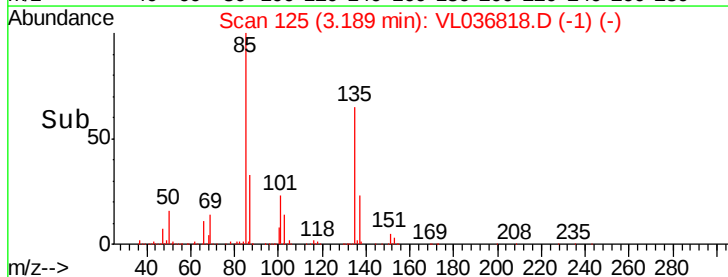
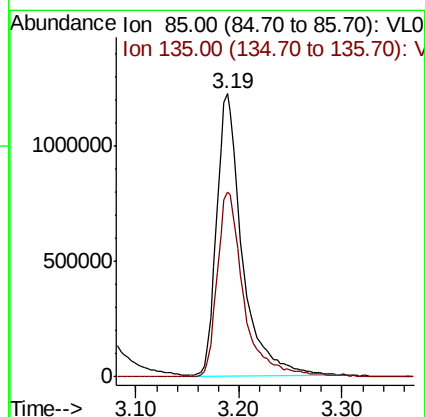
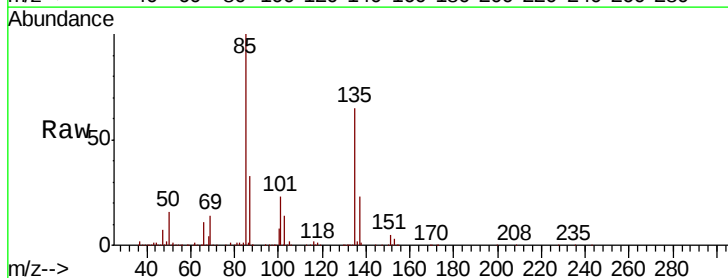
Acq: 20 Apr 2021 9:27

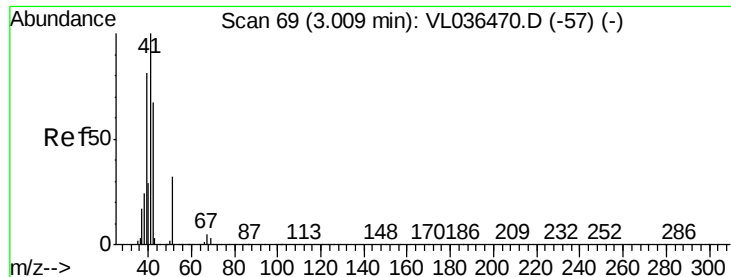
Tgt Ion: 85 Resp: 2103842

Ion Ratio Lower Upper

85 100

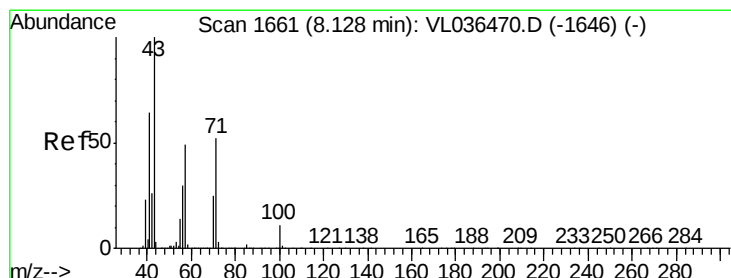
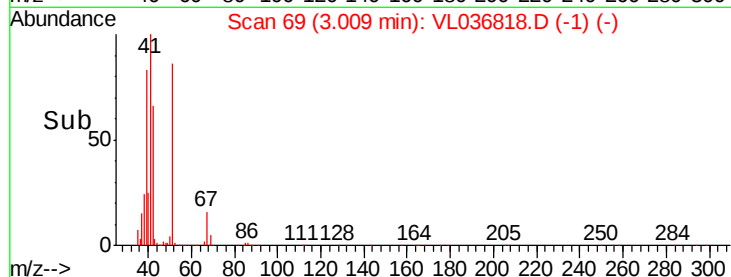
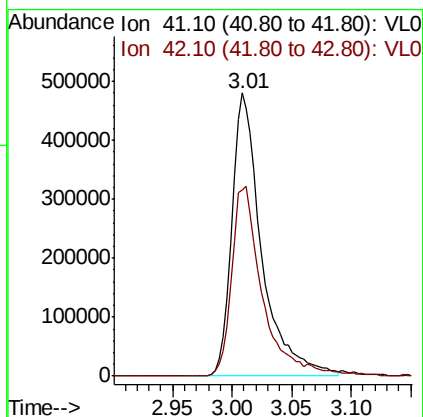
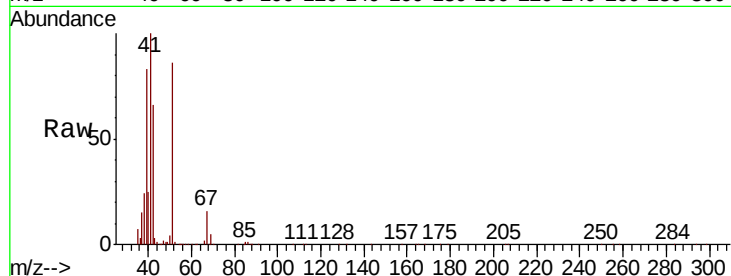
135 68.7 54.3 81.5





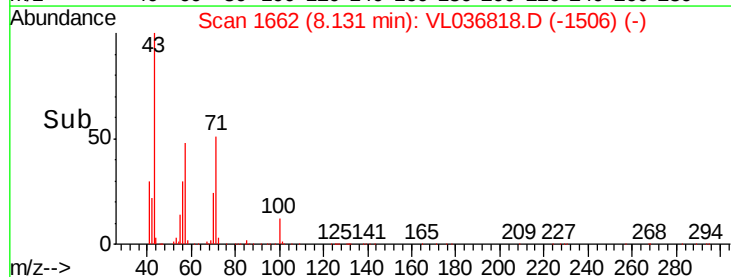
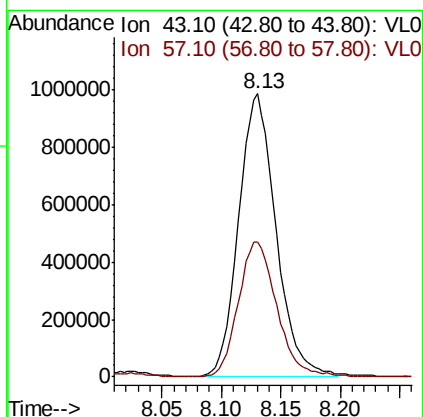
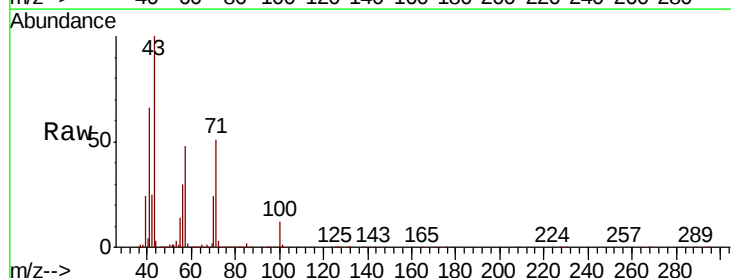
#9
 Propene
 Concen: 10.468 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 9:27

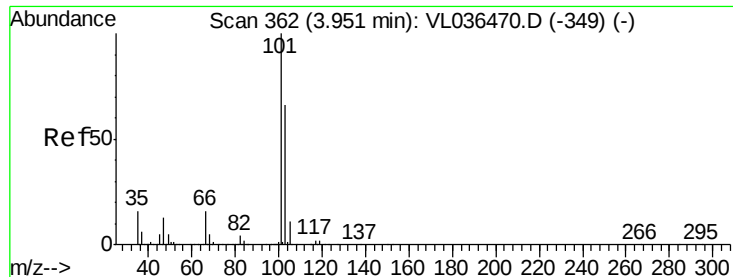
Tot Ion: 41 Resp: 833283
 Ion Ratio Lower Upper
 41 100
 42 70.0 57.0 85.4



#10
 Heptane
 Concen: 10.492 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

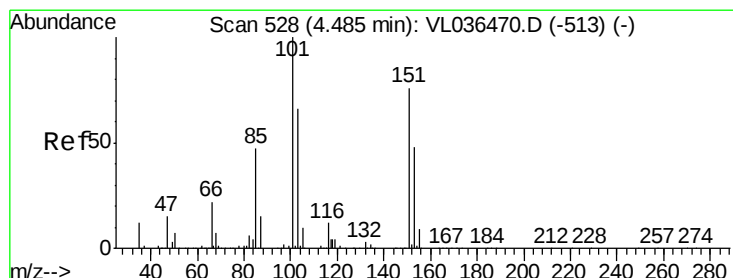
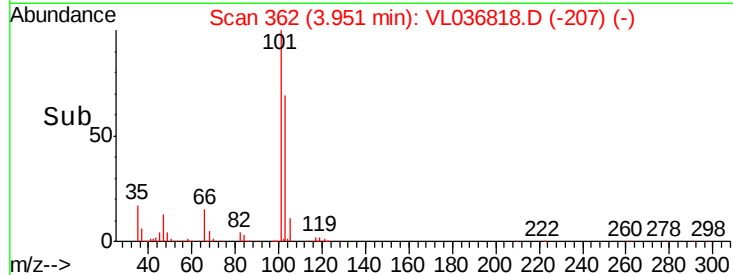
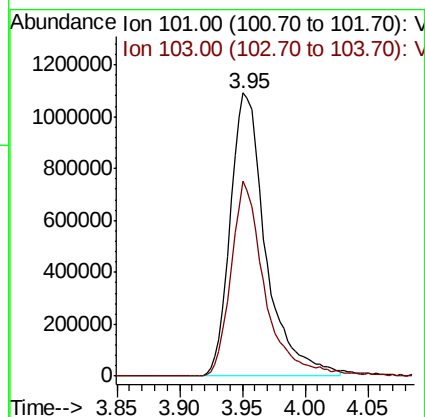
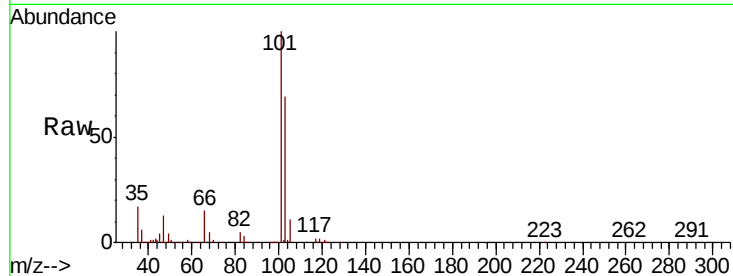
Tgt Ion: 43 Resp: 2127741
 Ion Ratio Lower Upper
 43 100
 57 49.8 39.0 58.6





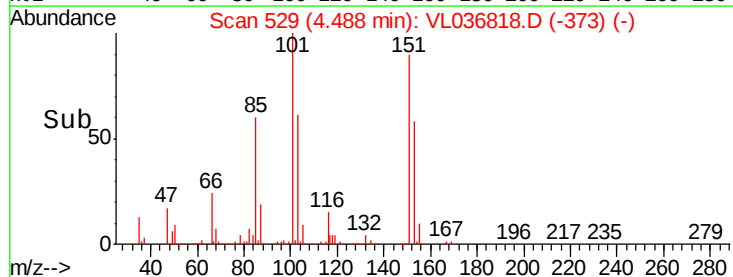
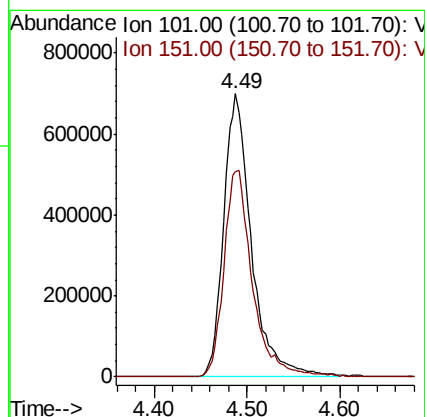
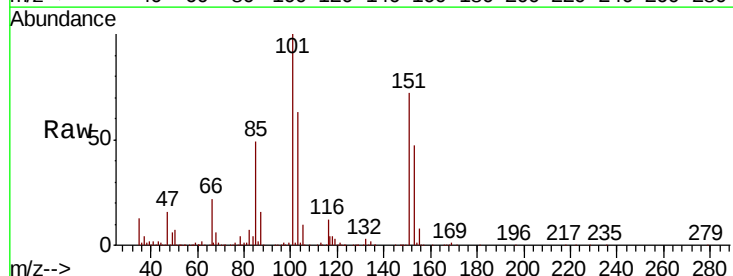
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 Trichlorofluoromethane
 Concen: 9.633 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 9:27

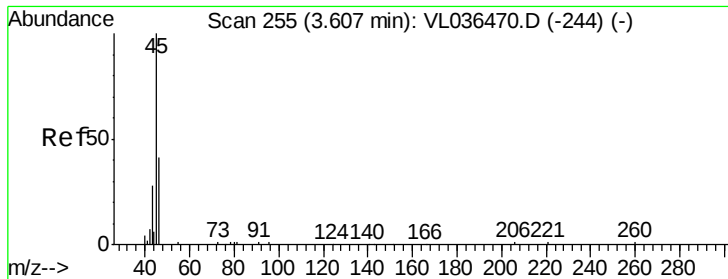
Tot Ion:101 Resp: 2139900
 Ion Ratio Lower Upper
 101 100
 103 68.9 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.231 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T.: 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion:101 Resp: 1453075
 Ion Ratio Lower Upper
 101 100
 151 75.0 60.9 91.3





#13

Ethanol

Concen: 10.966 ppbv

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

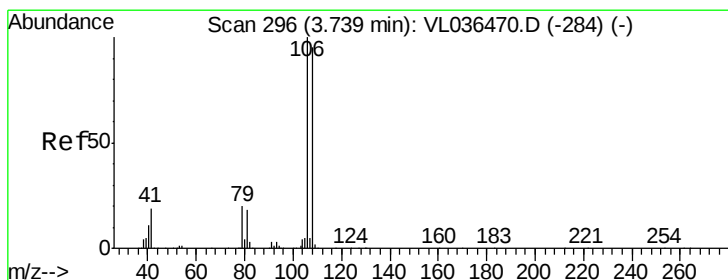
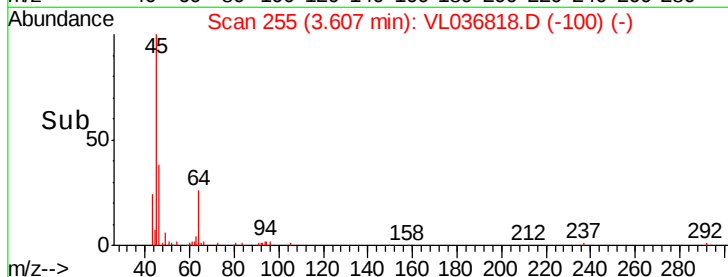
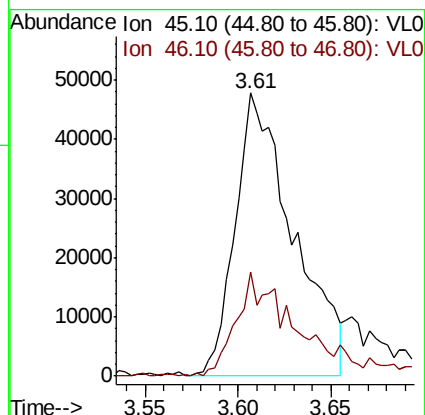
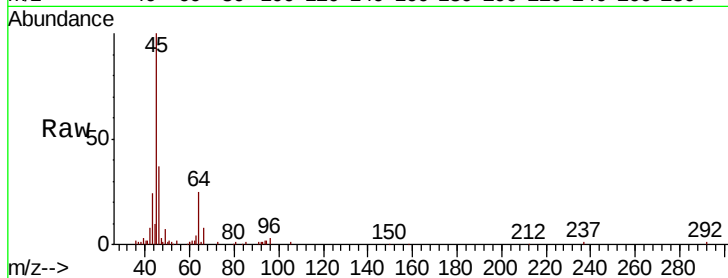
Acq: 20 Apr 2021 9:27

Tot Ion: 45 Resp: 103952

Ion Ratio Lower Upper

45 100

46 40.7 16.6 66.2



#14

Bromoethene

Concen: 10.424 ppbv

RT: 3.74 min Scan# 297

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

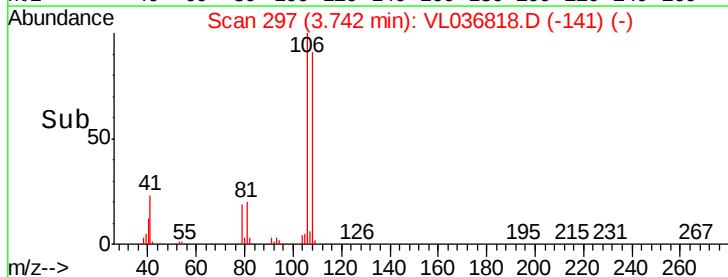
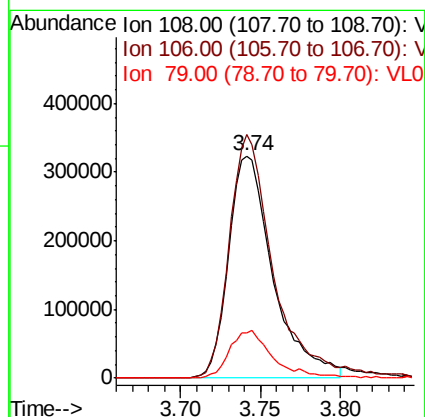
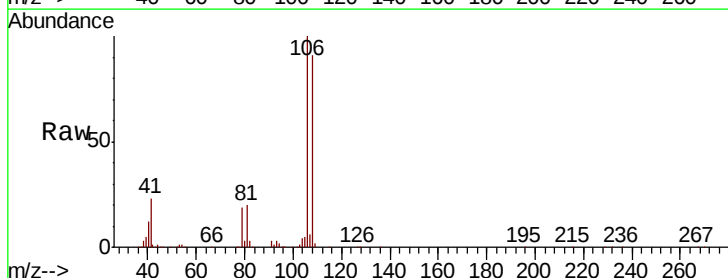
Tgt Ion: 108 Resp: 615459

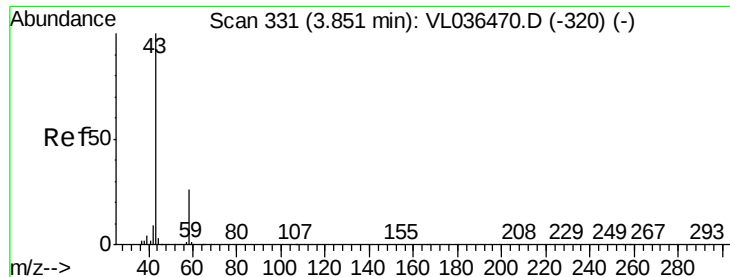
Ion Ratio Lower Upper

108 100

106 110.4 89.0 133.6

79 21.2 16.6 25.0





#15

Acetone

Concen: 9.691 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

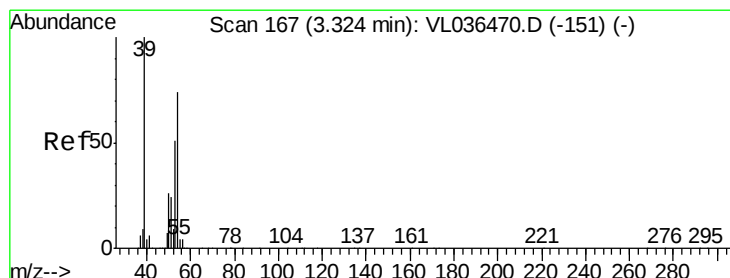
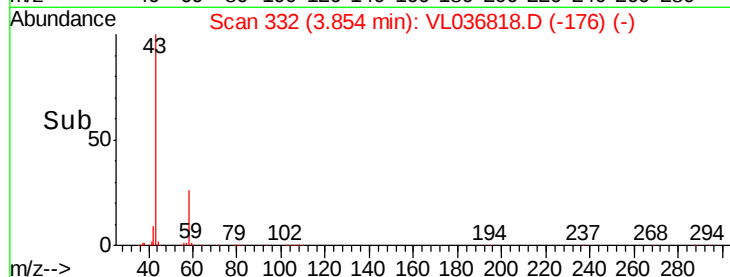
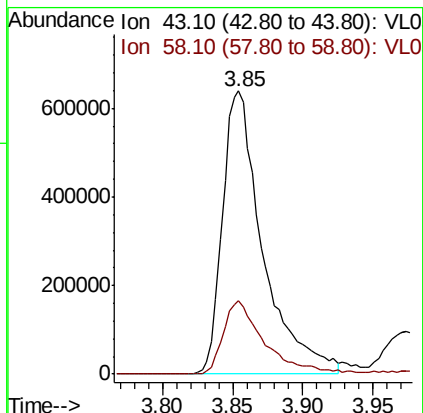
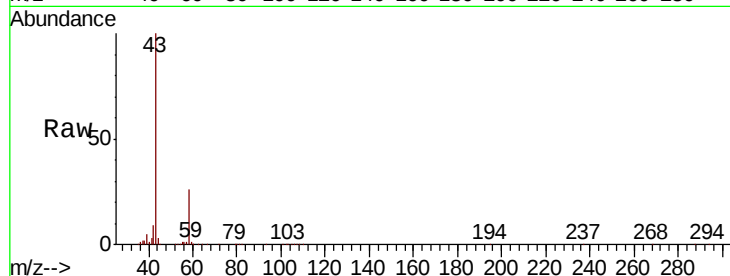
Acq: 20 Apr 2021 9:27

Tot Ion: 43 Resp: 1274772

Ion Ratio Lower Upper

43 100

58 26.6 21.2 31.8



#16

1,3-Butadiene

Concen: 10.066 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.00 min

Lab File: VL036818.D

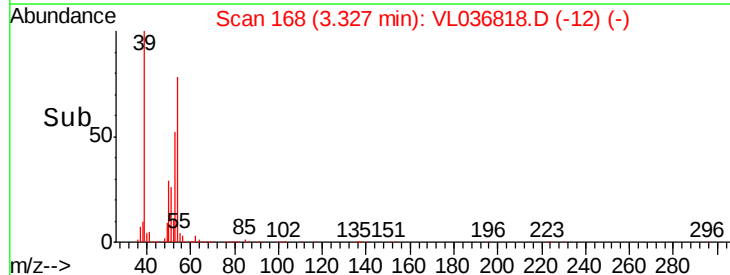
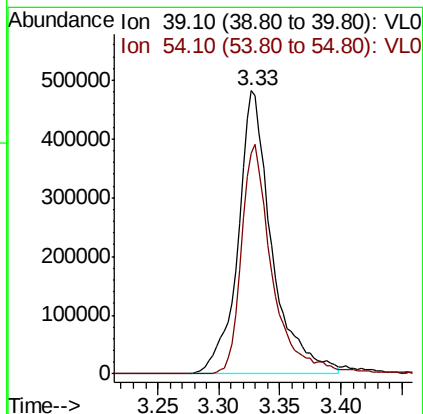
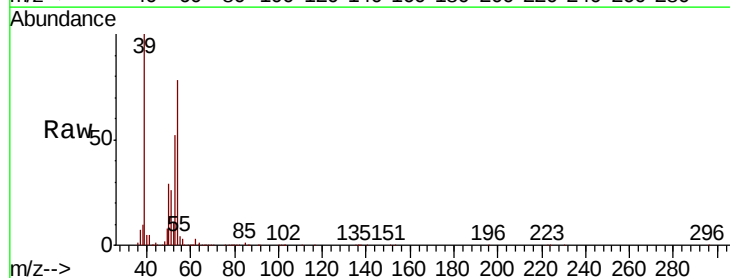
Acq: 20 Apr 2021 9:27

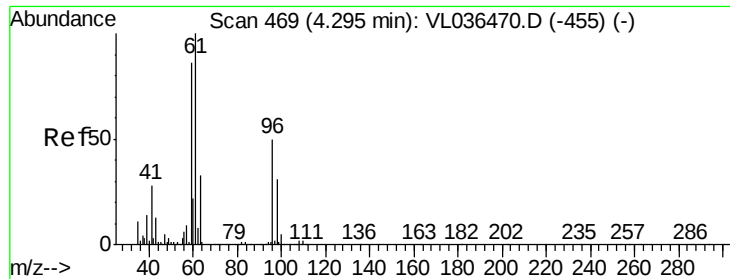
Tgt Ion: 39 Resp: 921772

Ion Ratio Lower Upper

39 100

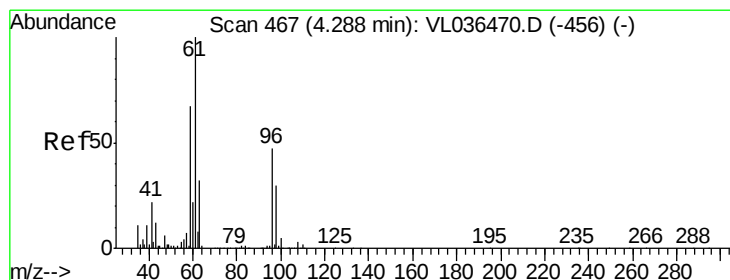
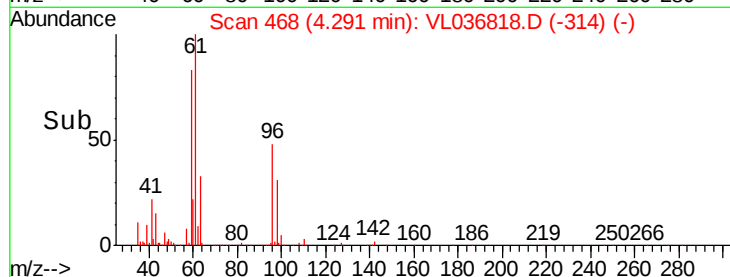
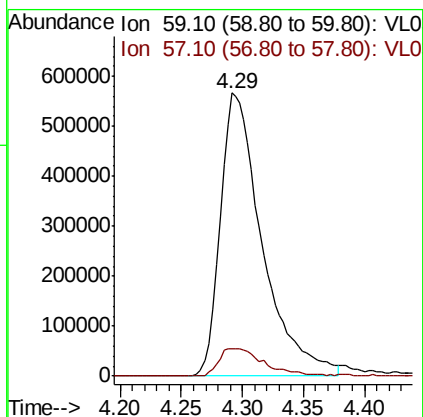
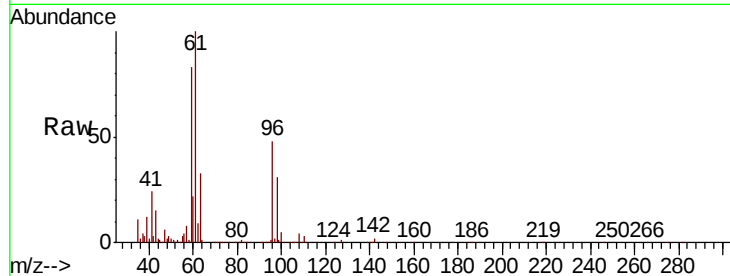
54 74.6 58.8 88.2





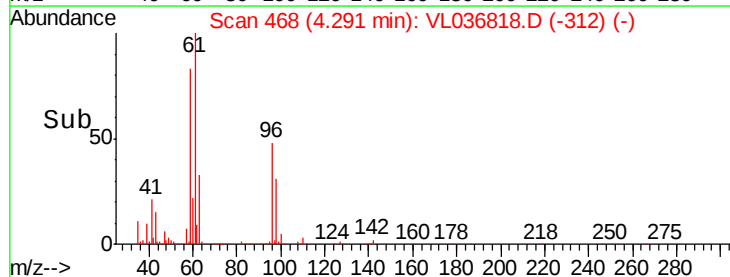
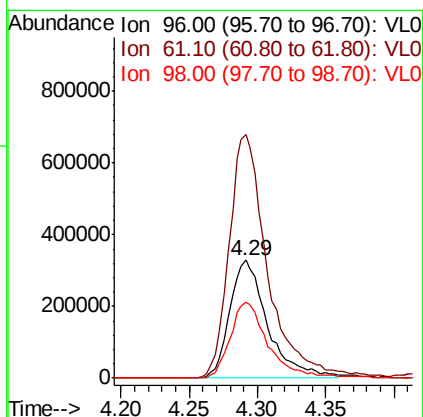
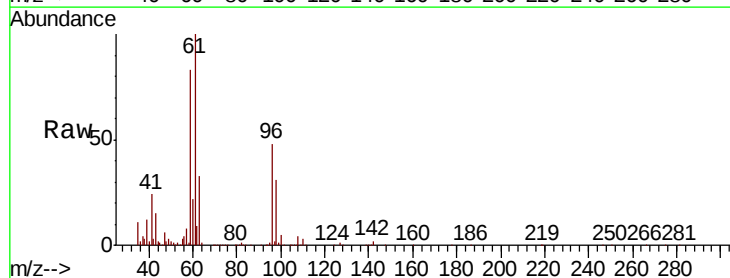
#17
tert-Butyl alcohol
Concen: 11.867 ppbv
RT: 4.29 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

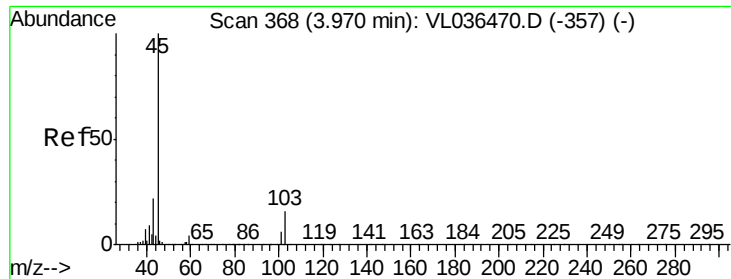
Tot Ion: 59 Resp: 1358829
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8



#18
1,1-Dichloroethene
Concen: 10.045 ppbv
RT: 4.29 min Scan# 468
Delta R.T.: 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 96 Resp: 634610
Ion Ratio Lower Upper
96 100
61 206.3 168.6 253.0
98 64.4 50.8 76.2





#19

Isopropyl Alcohol

Concen: 10.997 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

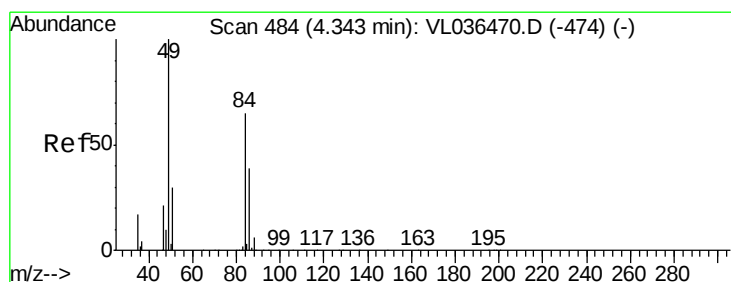
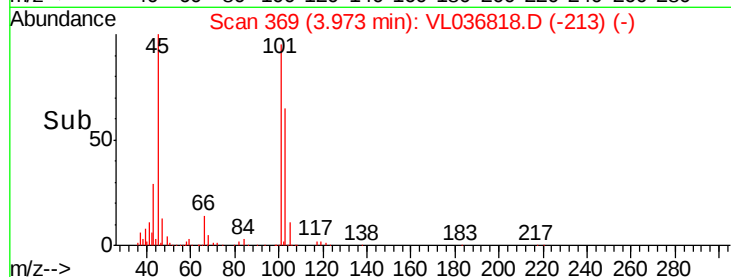
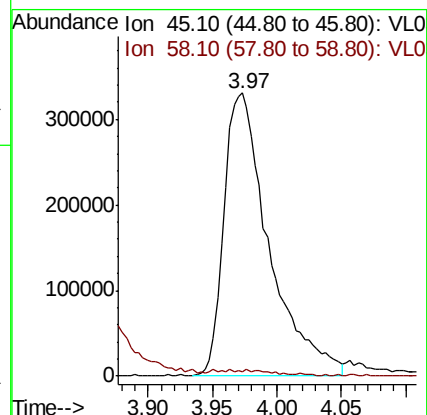
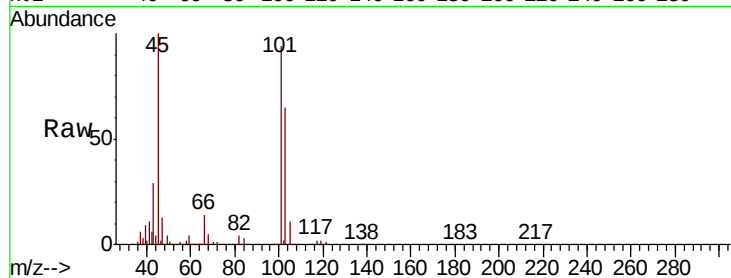
Acq: 20 Apr 2021 9:27

Tot Ion: 45 Resp: 795732

Ion Ratio Lower Upper

45 100

58 2.7 2.9 4.3#



#20

Methylene Chloride

Concen: 9.157 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

Tgt Ion: 84 Resp: 563934

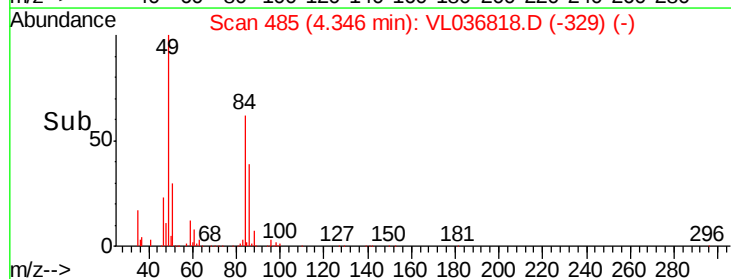
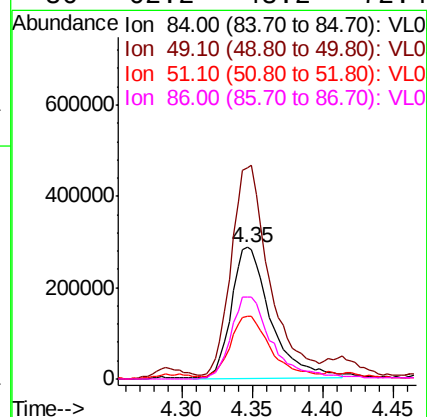
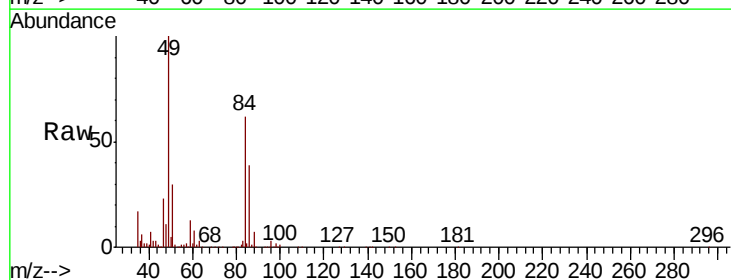
Ion Ratio Lower Upper

84 100

49 157.4 122.9 184.3

51 46.4 36.9 55.3

86 62.2 48.2 72.4

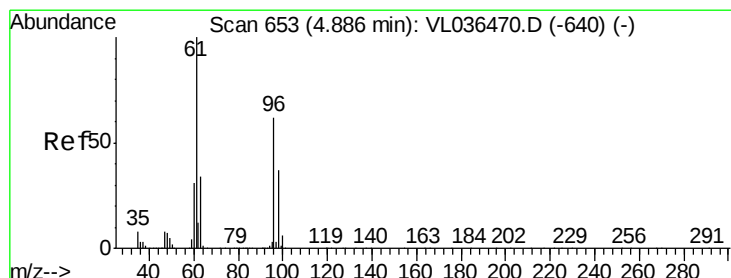
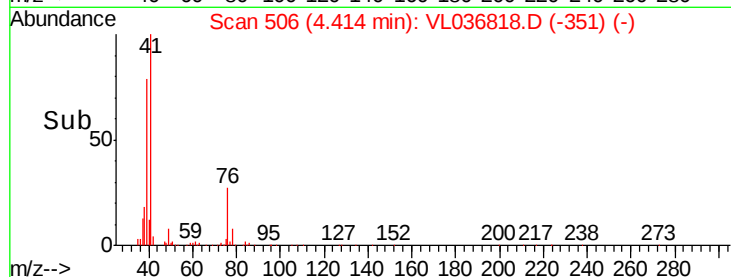
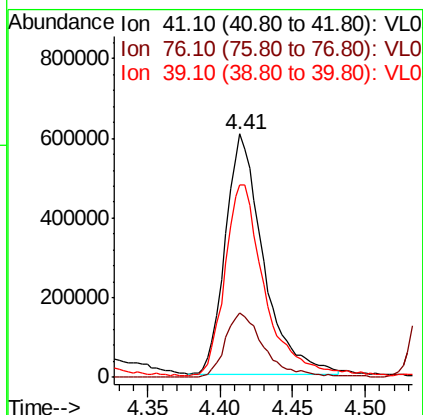
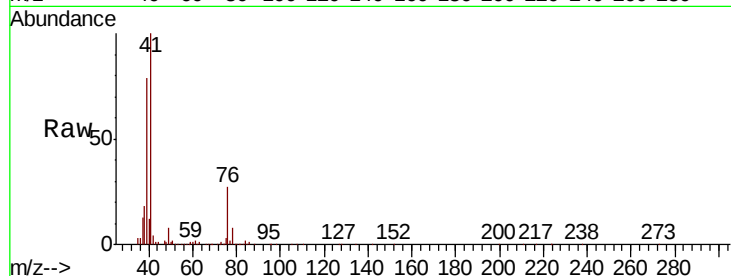




#21
 Allvl Chloride
 Concen: 10.406 ppbv
 RT: 4.41 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 9:27

Tot Ion: 41 Resp: 1091078

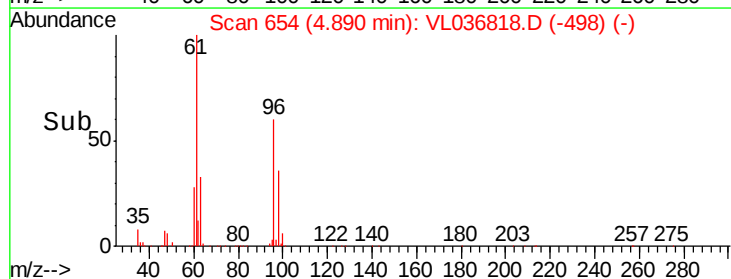
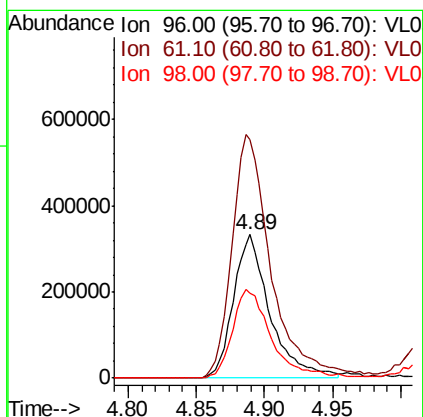
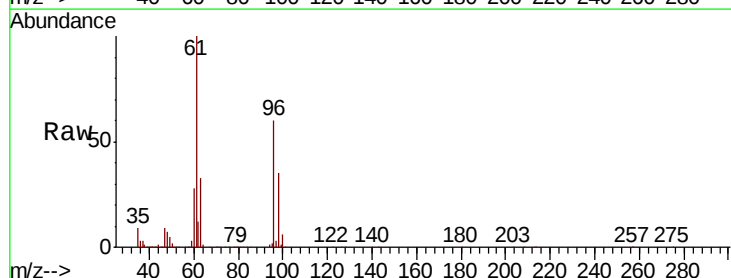
Ion	Ratio	Lower	Upper
41	100		
76	28.2	22.9	34.3
39	83.6	67.3	100.9

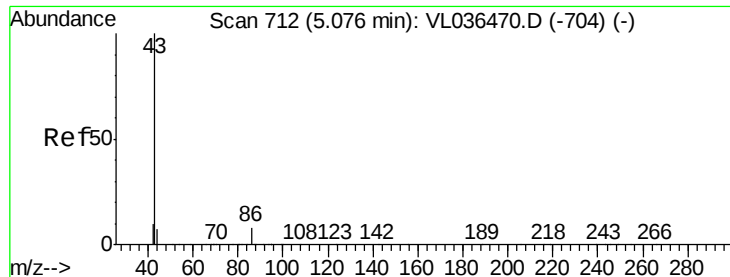


#22
 trans-1,2-Dichloroethene
 Concen: 10.584 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion: 96 Resp: 619887

Ion	Ratio	Lower	Upper
96	100		
61	166.2	129.4	194.0
98	58.9	48.2	72.4





#23

Vinyl Acetate

Concen: 10.597 ppbv

RT: 5.08 Instrument:

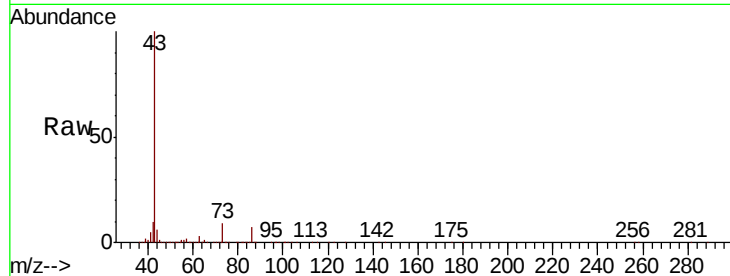
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

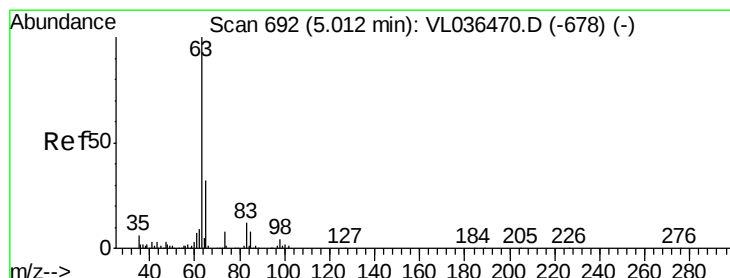
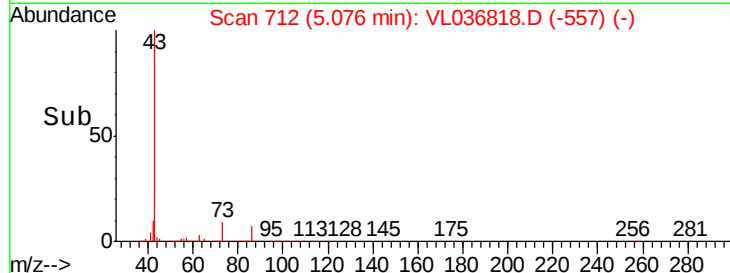
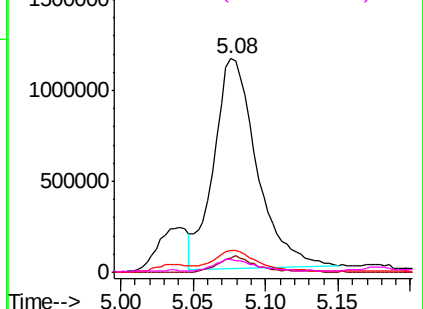
Acq: 20 Apr 2021 9:27

Tot Ion: 43 Resp: 2384311

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.4	8.0
42	10.2	8.5	12.7
44	5.7	4.6	7.0



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: 10.034 ppbv

RT: 5.01 min Scan# 693

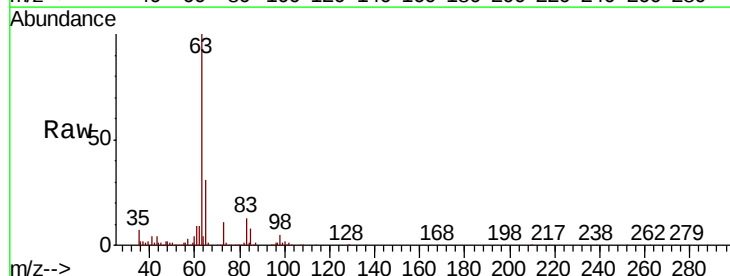
Delta R.T. 0.00 min

Lab File: VL036818.D

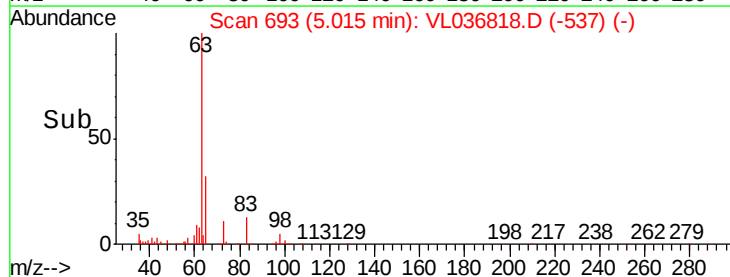
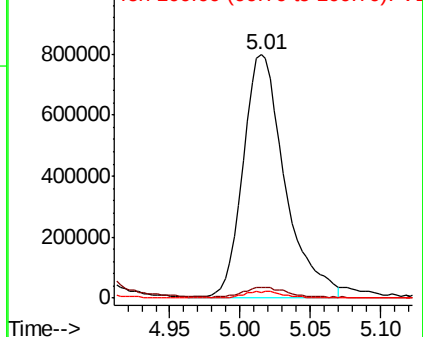
Acq: 20 Apr 2021 9:27

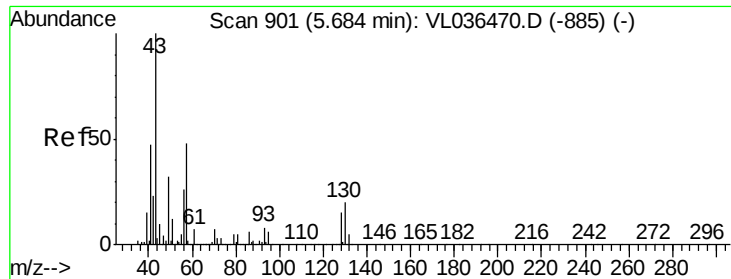
Tgt Ion: 63 Resp: 1645539

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.2
100	2.3	0.9	2.8



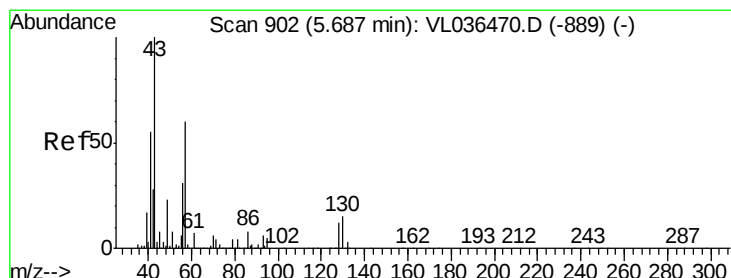
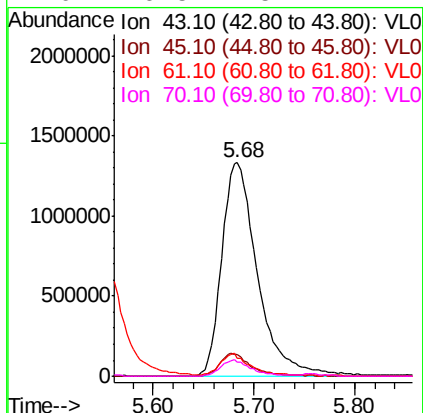
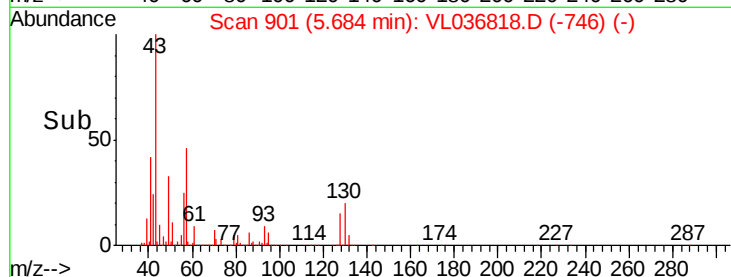
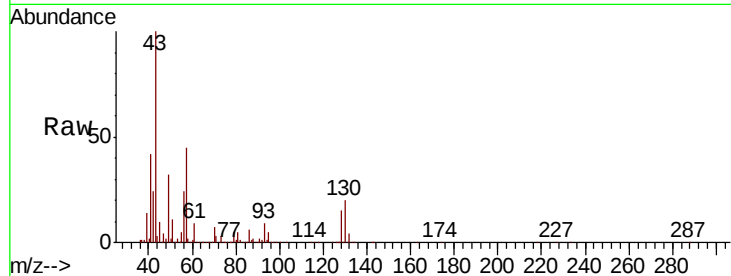
Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





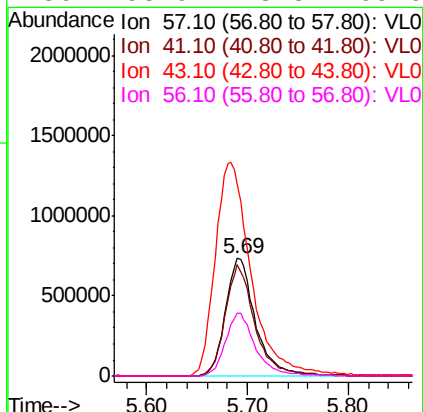
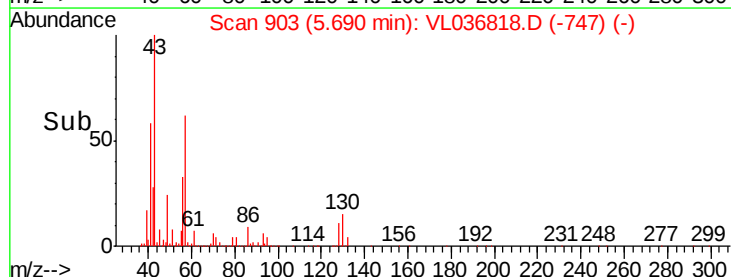
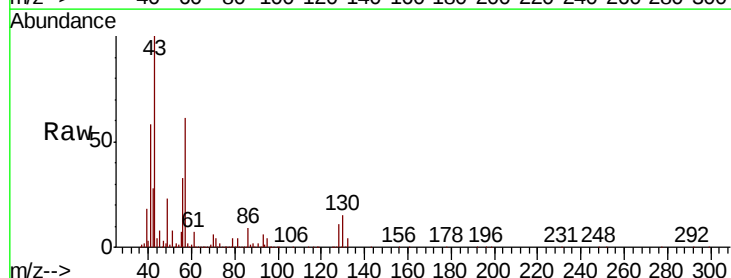
#25
Ethyl Acetate
Concen: 10.458 ppbv
RT: 5.68 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

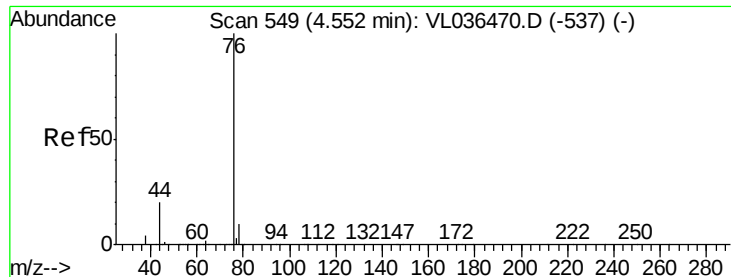
Tot Ion:	43	Resp:	3270451
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.9	11.9
61	9.6	7.4	11.2
70	6.5	5.1	7.7



#26
Hexane
Concen: 10.523 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion:	57	Resp:	1527104
Ion	Ratio	Lower	Upper
57	100		
41	93.8	77.2	115.8
43	216.4	173.8	260.6
56	53.9	43.8	65.6





#27

Carbon Disulfide

Concen: 11.191 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 9:27

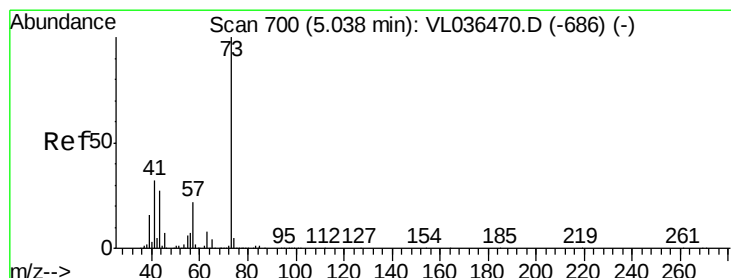
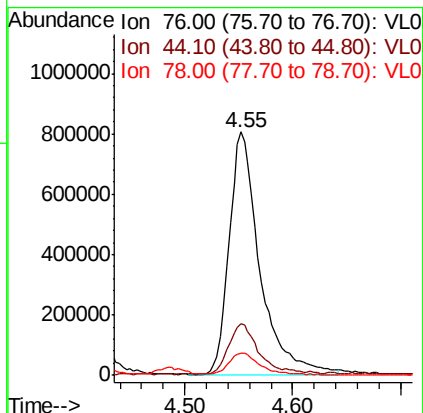
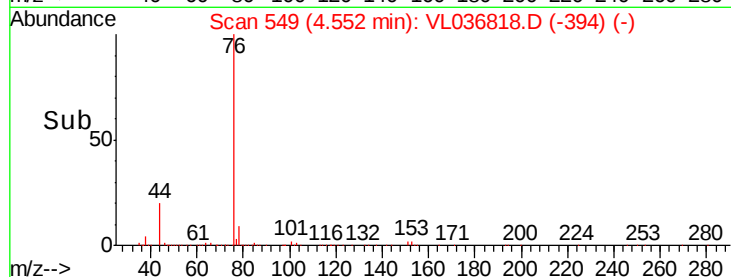
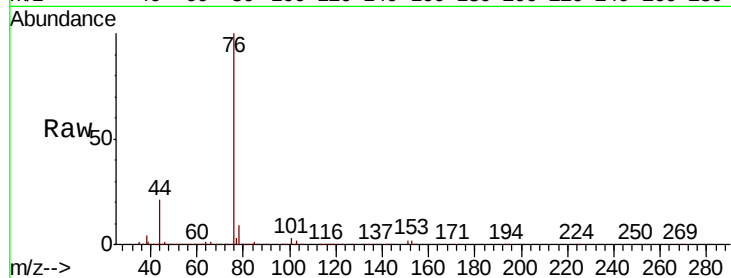
Tot Ion: 76 Resp: 1599802

Ion	Ratio	Lower	Upper
76	100		
44	21.1	17.5	26.3
78	10.1	8.6	13.0

76 100

44 21.1 17.5 26.3

78 10.1 8.6 13.0



#28

Methyl tert-Butyl Ether

Concen: 11.007 ppbv

RT: 5.04 min Scan# 700

Delta R.T. -0.00 min

Lab File: VL036818.D

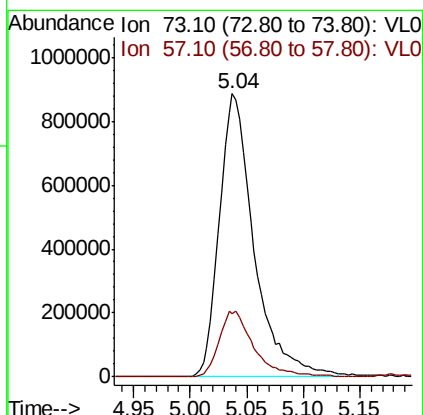
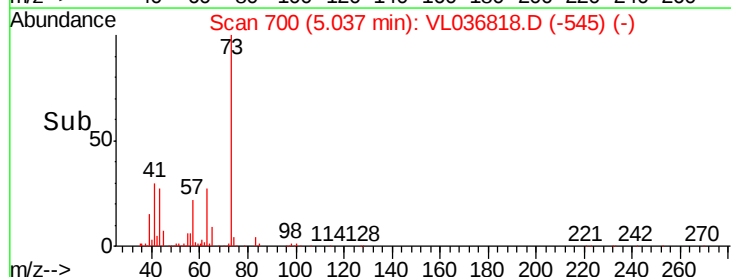
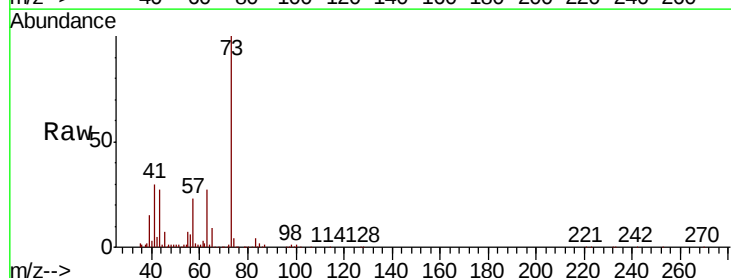
Acq: 20 Apr 2021 9:27

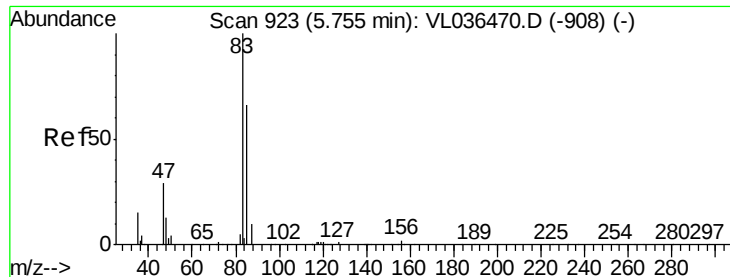
Tgt Ion: 73 Resp: 1883819

Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.5	27.7

73 100

57 23.7 18.5 27.7





#29

Chloroform

Concen: 10.278 ppbv

RT: 5.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

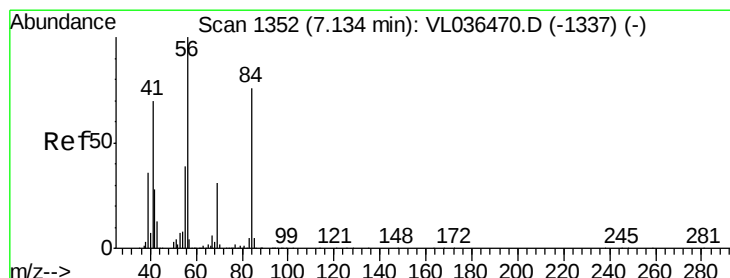
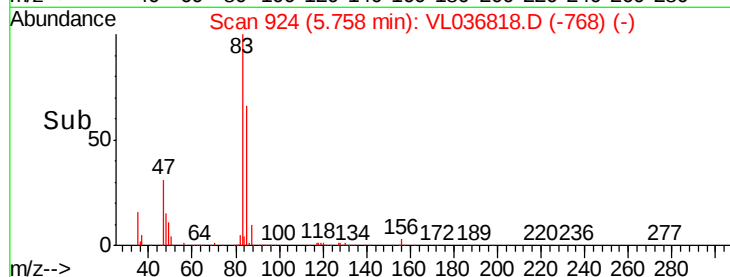
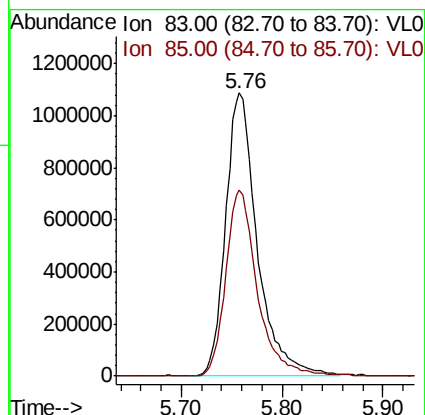
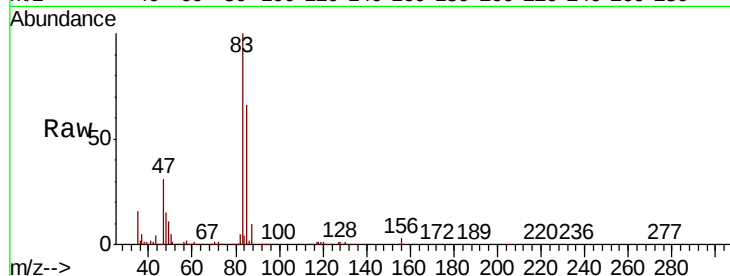
Acq: 20 Apr 2021 9:27

Tot Ion: 83 Resp: 2385399

Ion Ratio Lower Upper

83 100

85 65.4 52.6 78.8



#30

Cyclohexane

Concen: 11.070 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

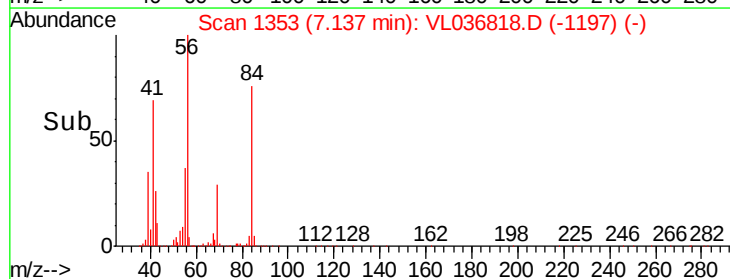
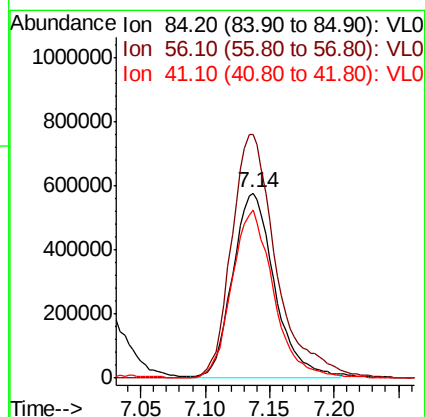
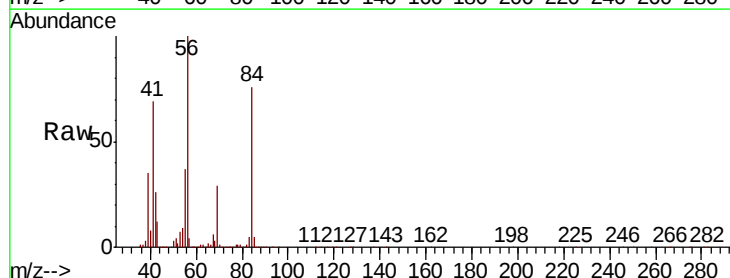
Tgt Ion: 84 Resp: 1302922

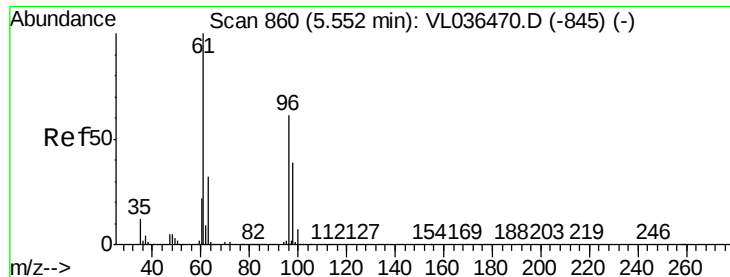
Ion Ratio Lower Upper

84 100

56 141.2 114.6 171.8

41 91.2 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 10.834 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 9:27

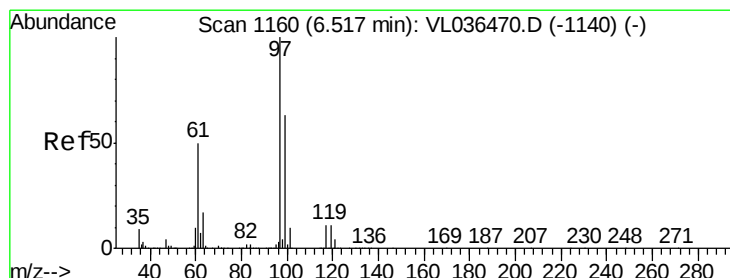
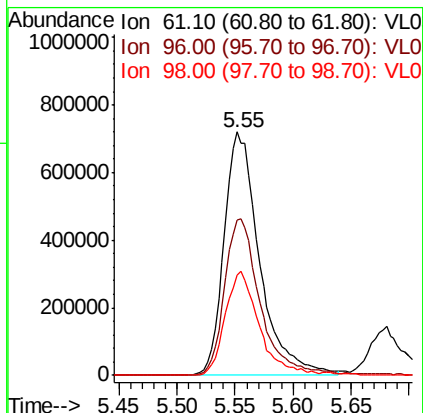
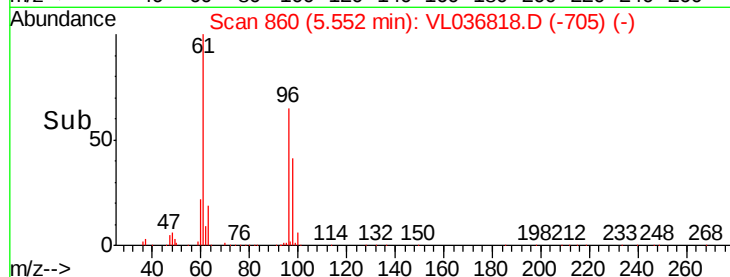
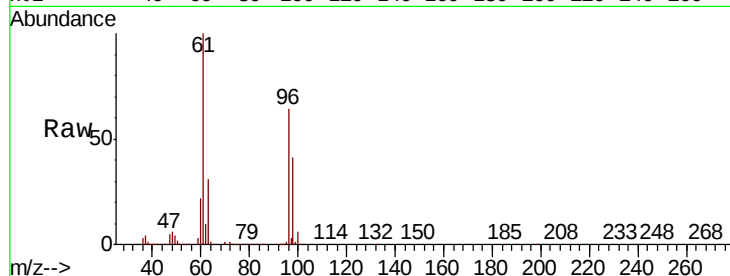
Tot Ion: 61 Resp: 1520646

Ion Ratio Lower Upper

61 100

96 64.0 48.7 73.1

98 41.2 31.4 47.0



#32

1,1,1-Trichloroethane

Concen: 10.378 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

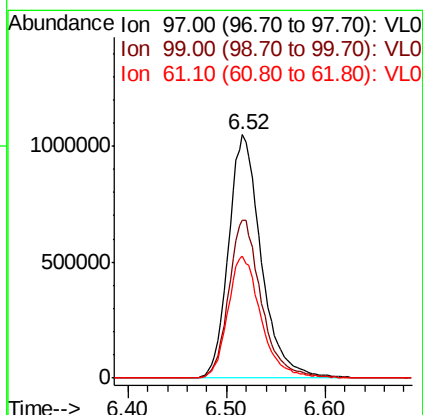
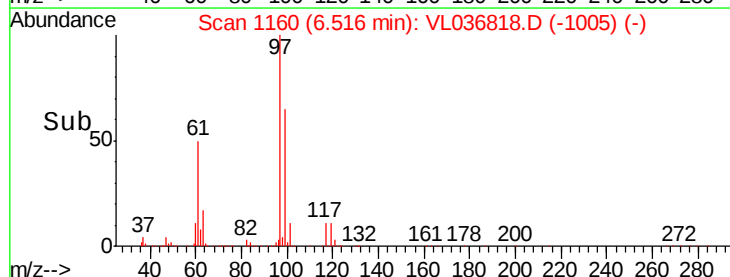
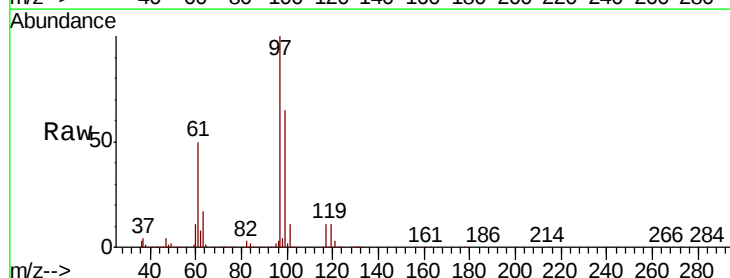
Tgt Ion: 97 Resp: 2427460

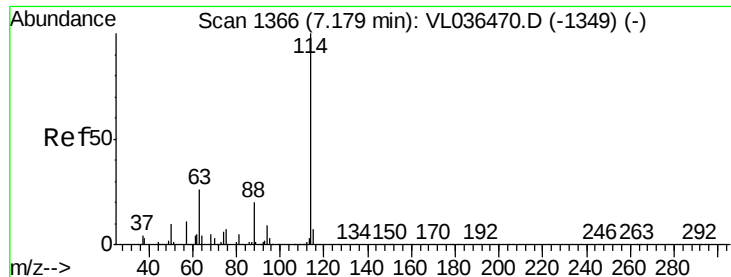
Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.0

61 50.9 40.6 60.8

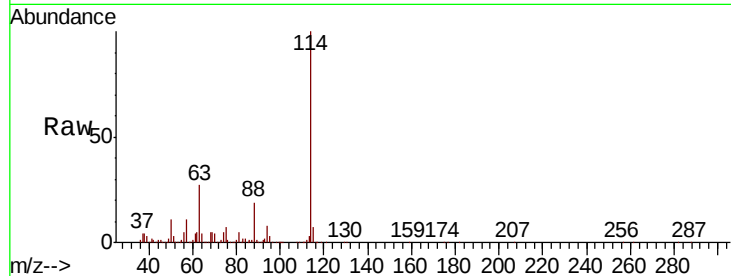




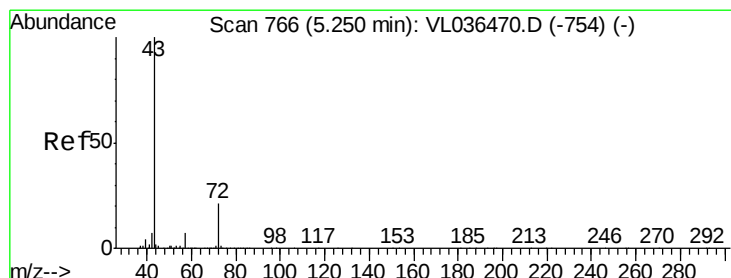
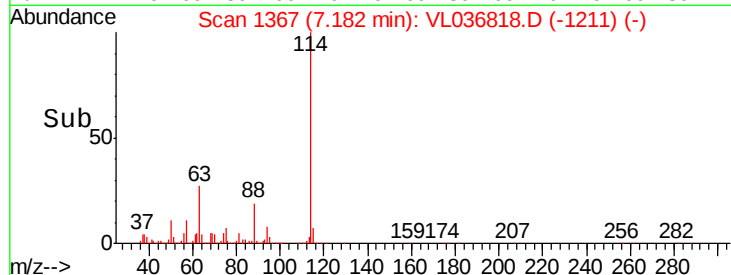
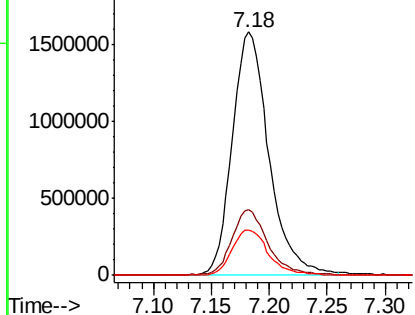
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 9:27

Tot Ion: 114 Resp: 3475524

Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.4	33.6
88	19.0	15.4	23.0



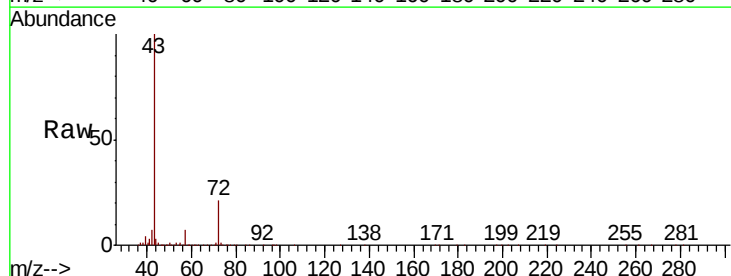
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



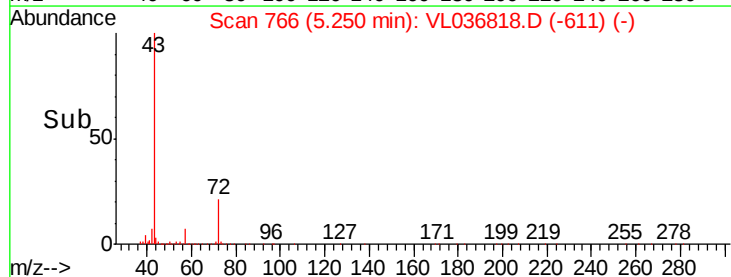
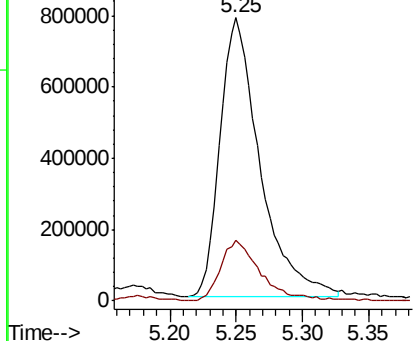
#34
 2-Butanone
 Concen: 9.725 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T.: -0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

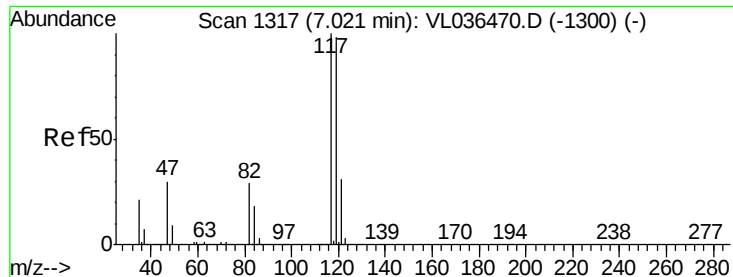
Tgt Ion: 43 Resp: 1649921

Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.0	25.6



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





#35

Carbon Tetrachloride

Concen: 9.544 ppbv

RT: 7.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 9:27

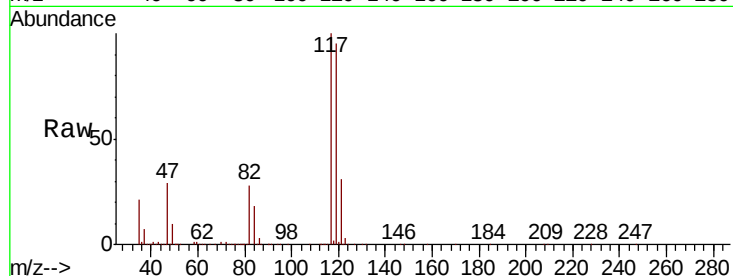
Tot Ion:117 Resp: 2547820

Ion Ratio Lower Upper

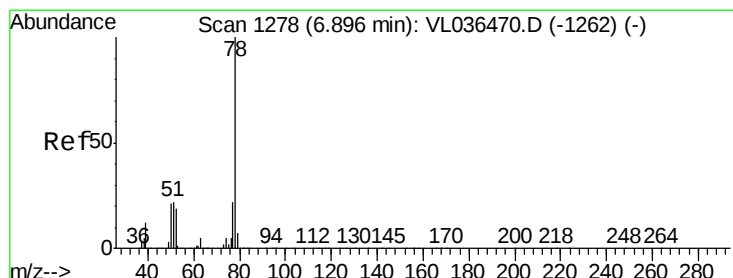
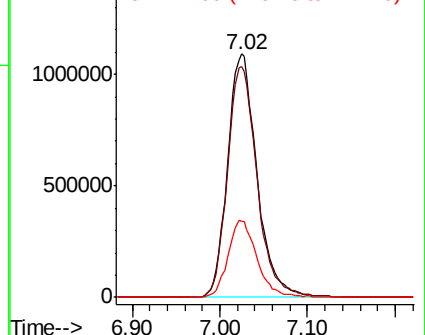
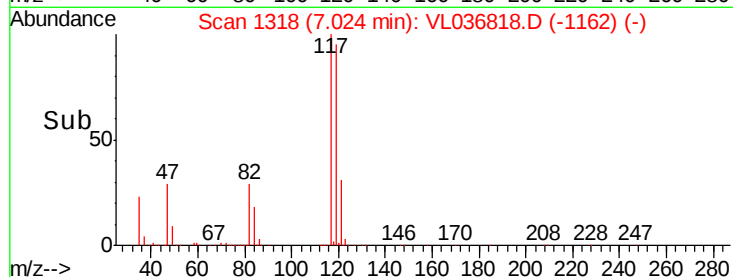
117 100

119 95.0 78.2 117.2

121 31.3 24.5 36.7



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: 9.999 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

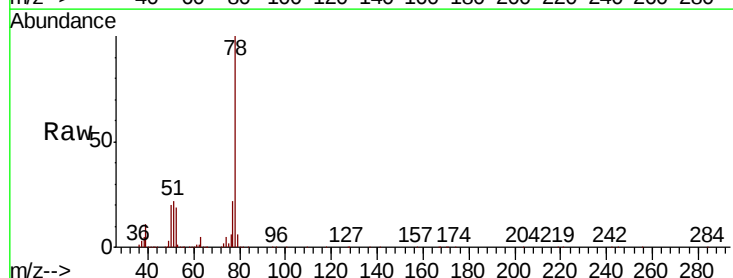
Tgt Ion: 78 Resp: 3205125

Ion Ratio Lower Upper

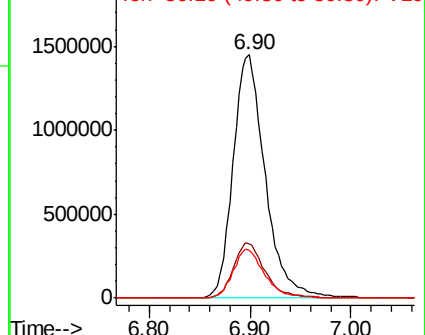
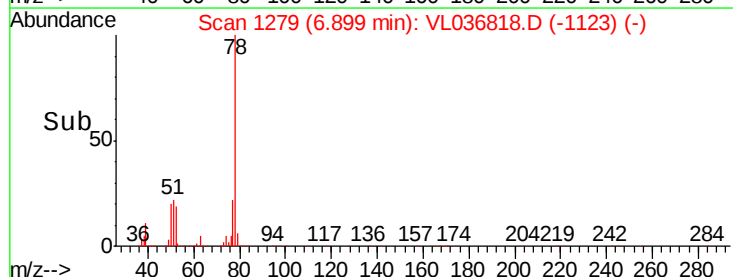
78 100

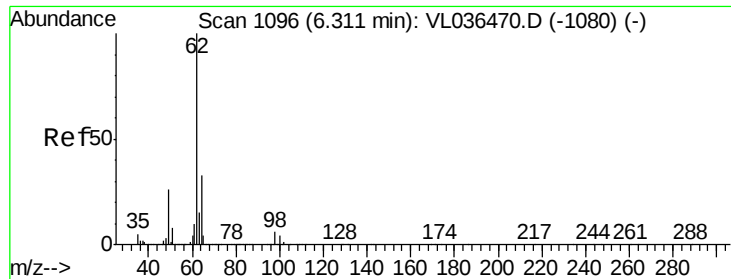
77 22.4 18.0 27.0

50 19.6 16.5 24.7



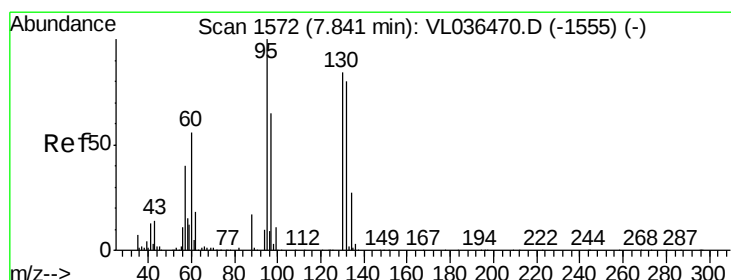
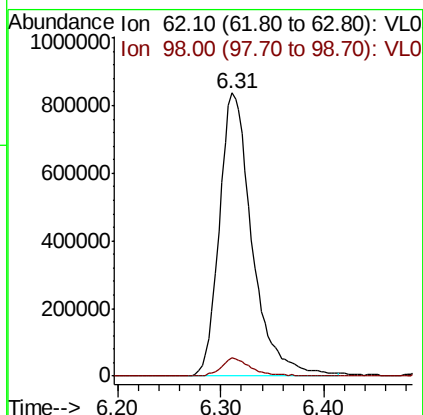
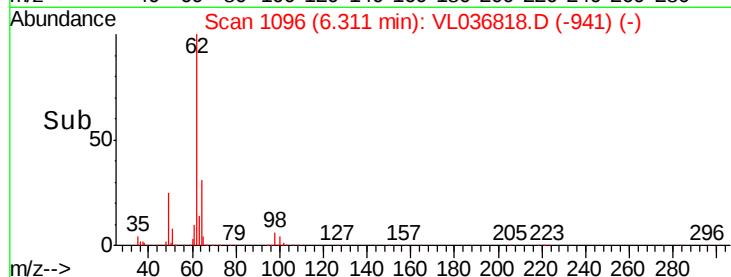
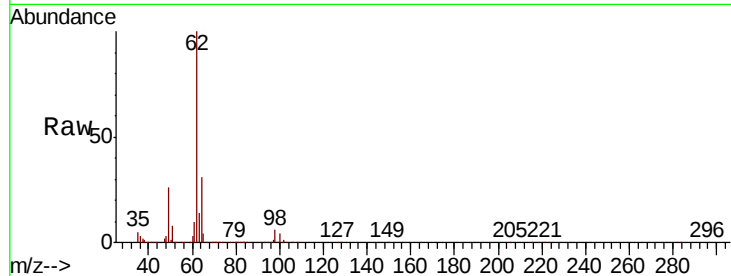
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





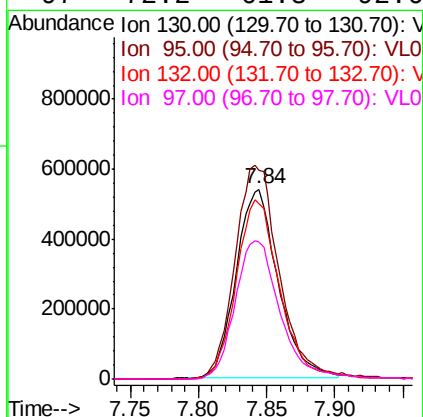
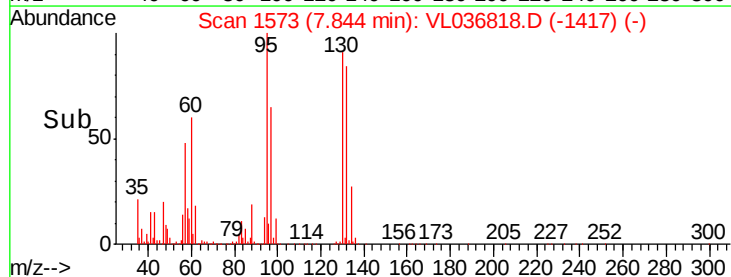
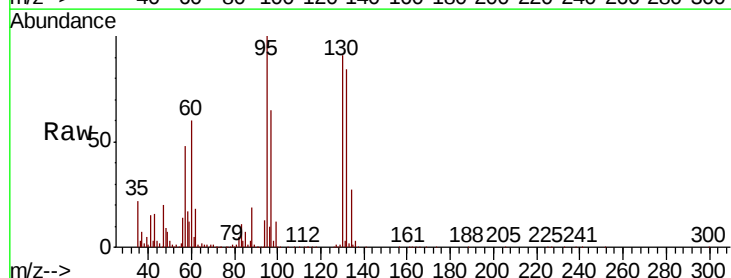
#37
 1,2-Dichloroethane
 Concen: 9.804 ppbv
 RT: 6.31 Instrument :
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 9:27

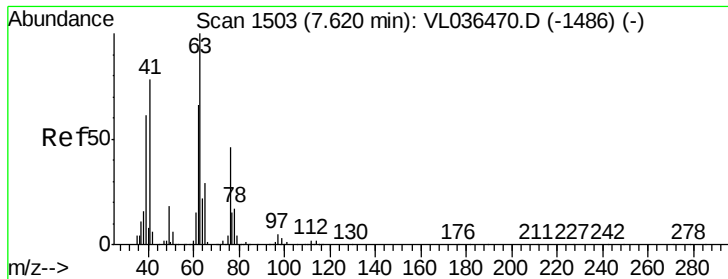
Tot Ion: 62 Resp: 1849586
 Ion Ratio Lower Upper
 62 100
 98 6.1 4.9 7.3



#38
 Trichloroethene
 Concen: 9.262 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

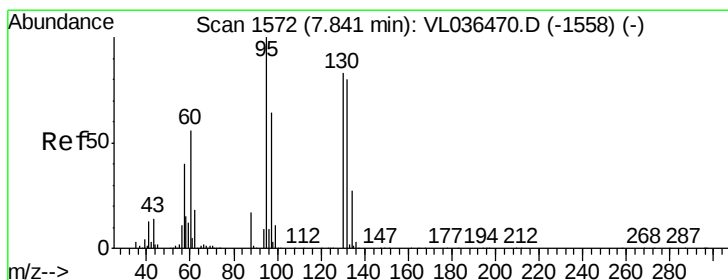
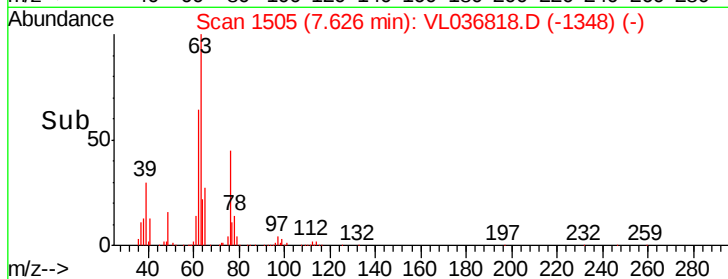
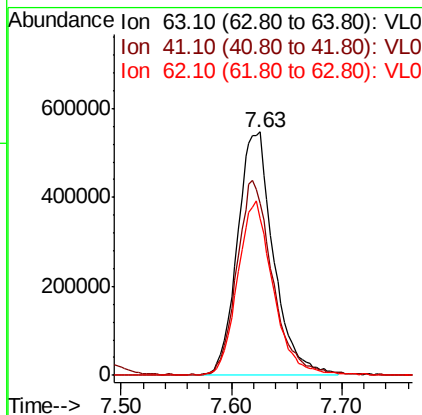
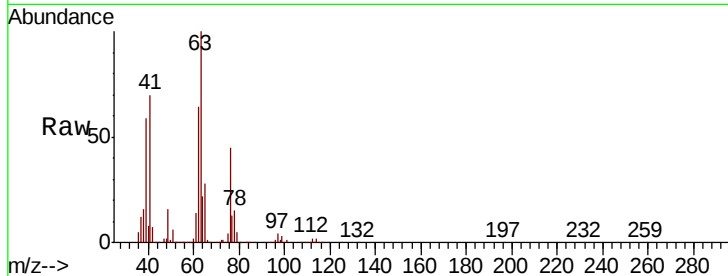
Tgt Ion: 130 Resp: 1155332
 Ion Ratio Lower Upper
 130 100
 95 110.4 95.7 143.5
 132 92.9 76.2 114.4
 97 72.2 61.8 92.6





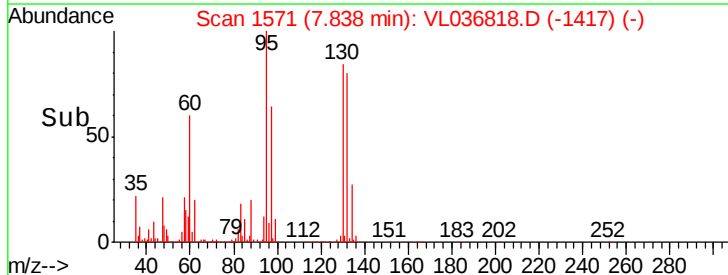
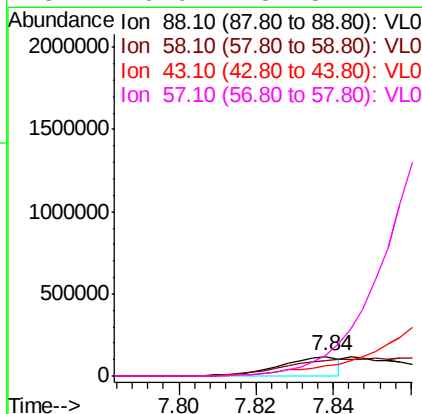
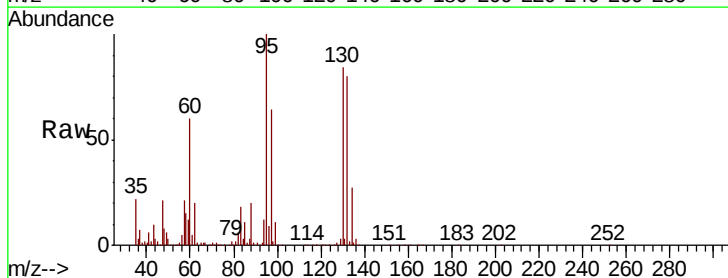
#39
 1,2-Dichloropropane
 Concen: 9.571 ppbv
 RT: 7.63
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 9:27

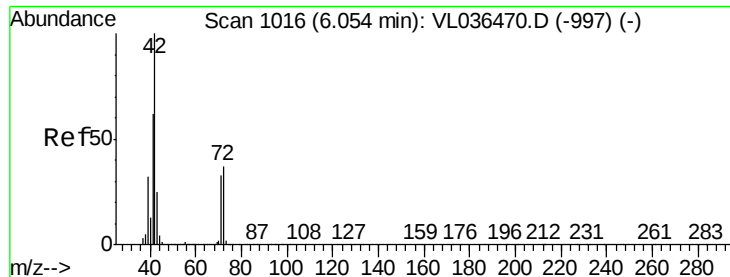
Tot Ion: 63 Resp: 1244534
 Ion Ratio Lower Upper
 63 100
 41 70.2 62.4 93.6
 62 64.0 52.8 79.2



#40
 1,4-Dioxane
 Concen: 4.044 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion: 88 Resp: 122389
 Ion Ratio Lower Upper
 88 100
 58 0.0 134.1 201.1#
 43 0.0 346.6 520.0#
 57 0.0 1481.8 2222.8#





#41

Tetrahydrofuran

Concen: 9.845 ppbv

RT: 6.06 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 9:27

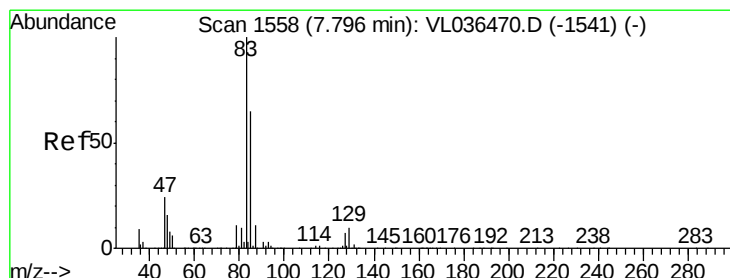
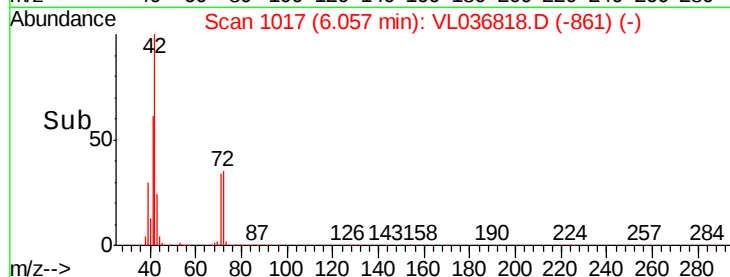
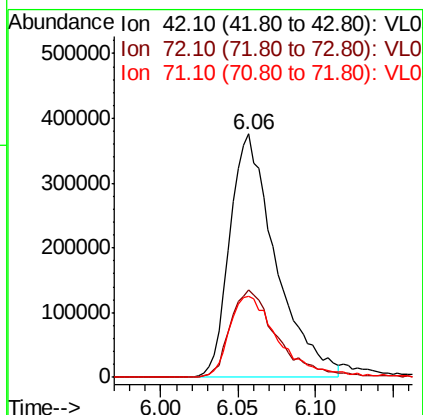
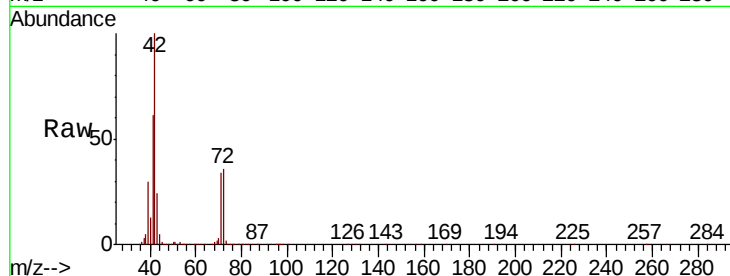
Tot Ion: 42 Resp: 770100

Ion Ratio Lower Upper

42 100

72 38.3 27.6 41.4

71 36.9 27.0 40.4



#42

Bromodichloromethane

Concen: 10.078 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

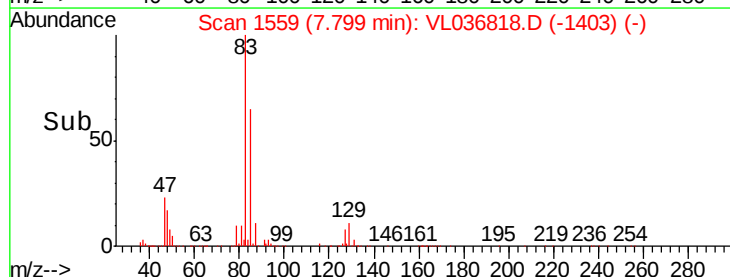
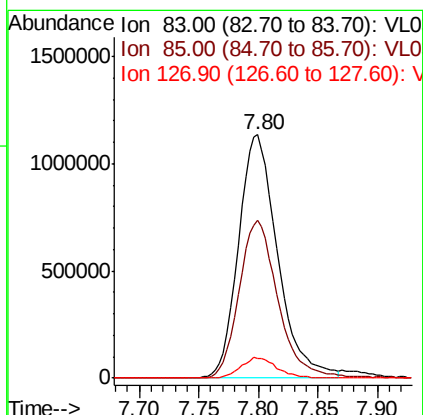
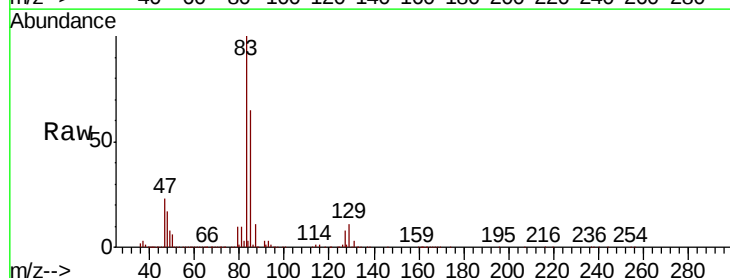
Tgt Ion: 83 Resp: 2586029

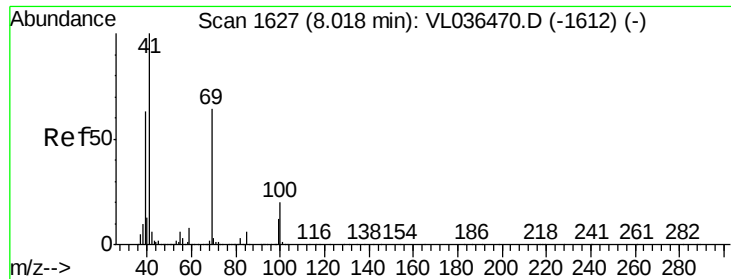
Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

127 7.9 5.8 8.8





#43

Methyl Methacrylate

Concen: 10.716 ppbv

RT: 8.02

Instrument: MSVOA_1

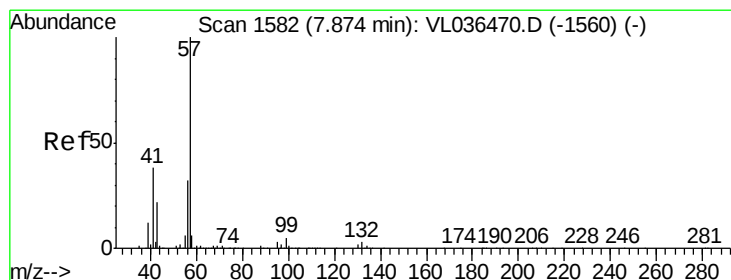
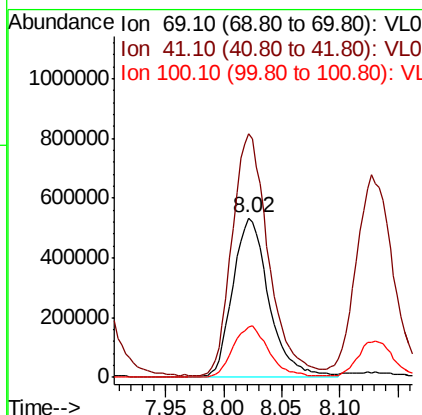
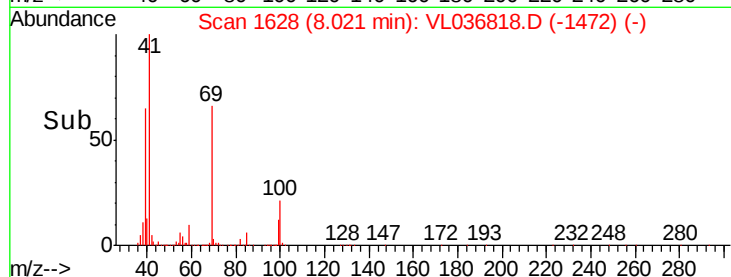
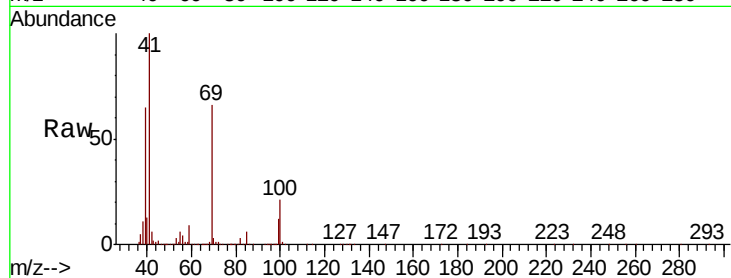
Delta R.T.

Lab File: ClientSampleId:

Acq: 20 Apr 2021 9:27

Tot Ion: 69 Resp: 1153371

Ion	Ratio	Lower	Upper
69	100		
41	154.1	126.8	190.2
100	32.4	24.9	37.3



#44

2,2,4-Trimethylpentane

Concen: 9.448 ppbv

RT: 7.88 min Scan# 1583

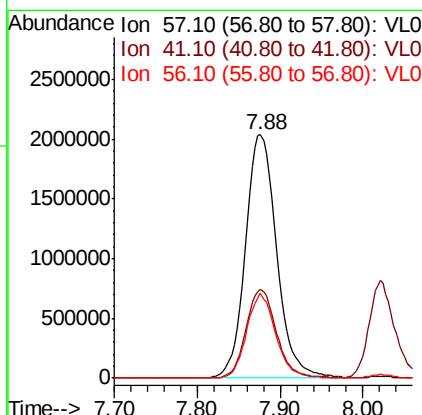
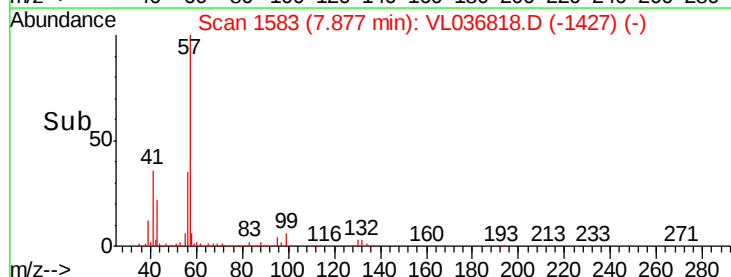
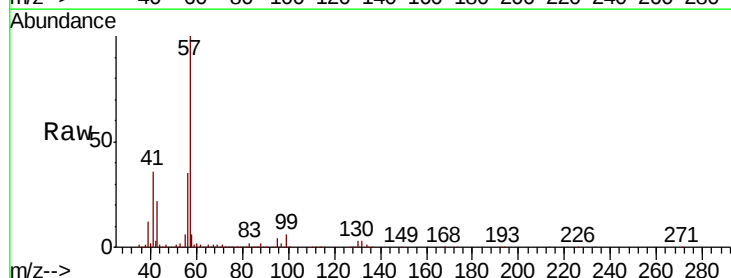
Delta R.T. 0.00 min

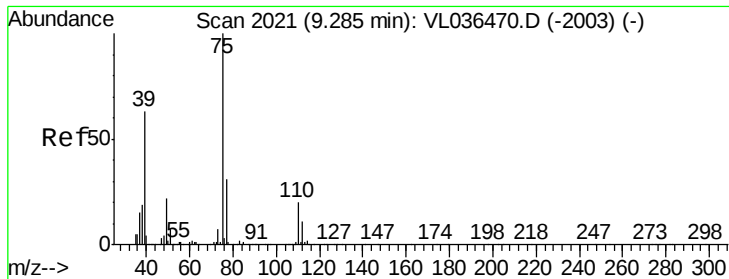
Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

Tgt Ion: 57 Resp: 5329911

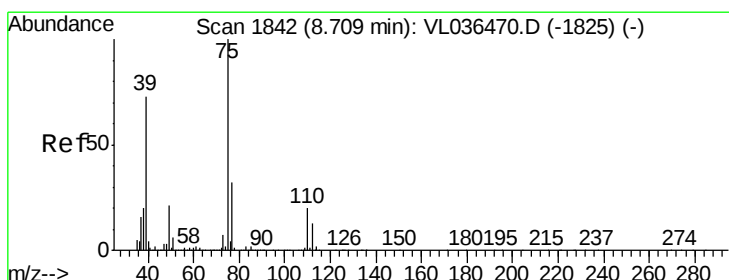
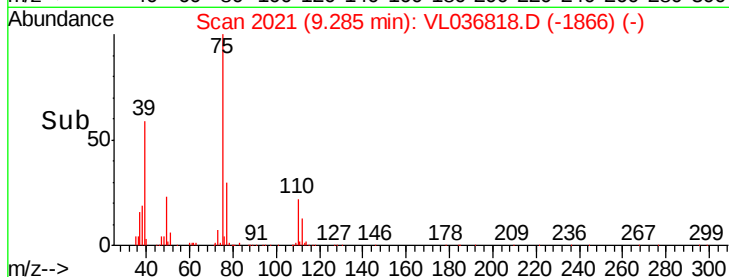
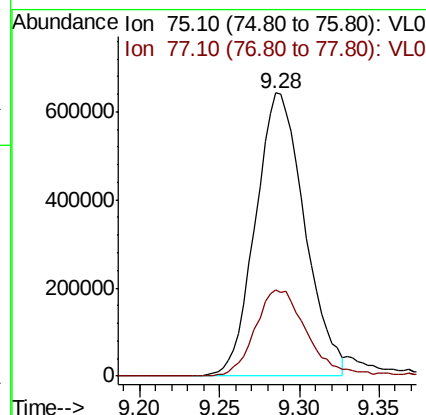
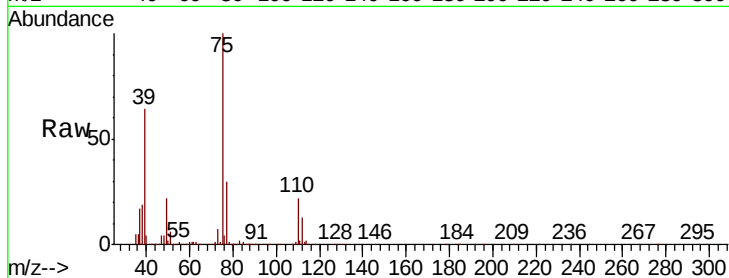
Ion	Ratio	Lower	Upper
57	100		
41	35.3	28.8	43.2
56	32.3	26.1	39.1





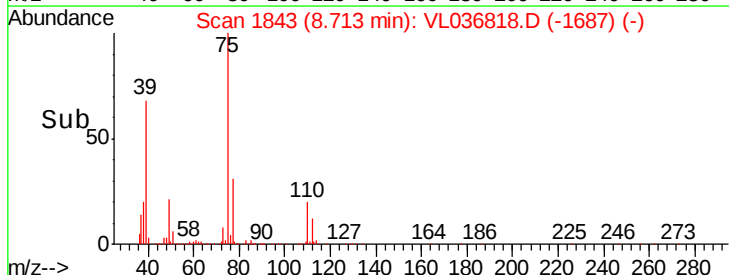
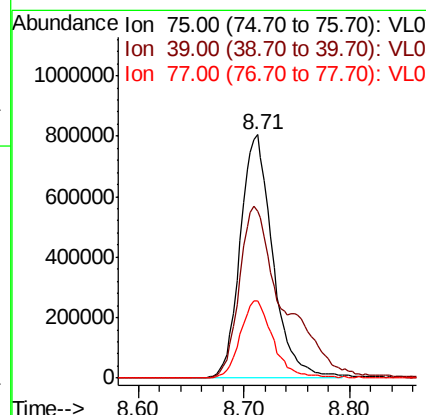
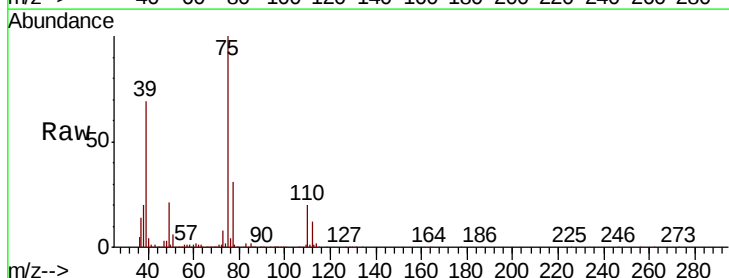
#45
 t-1,3-Dichloropropene
 Concen: 11.066 ppbv
 RT: 9.28
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 9:27

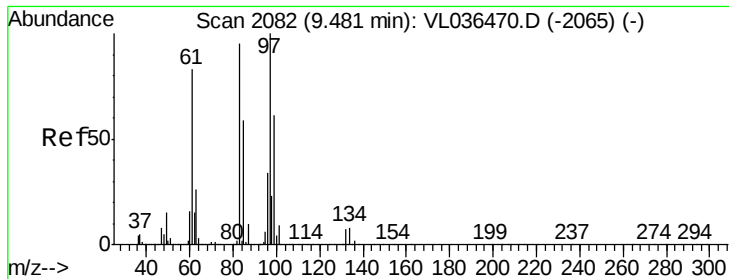
Tot Ion: 75 Resp: 1360123
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.1 37.7



#46
 cis-1,3-Dichloropropene
 Concen: 10.986 ppbv
 RT: 8.71 min Scan# 1843
 Delta R.T.: 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

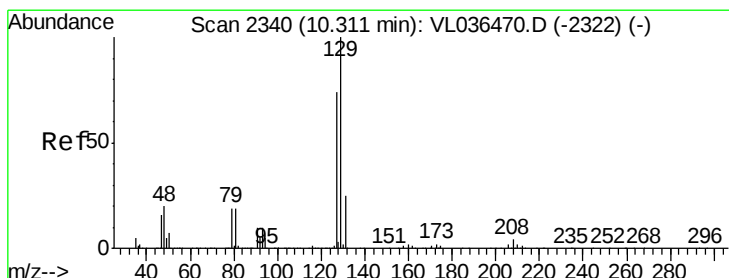
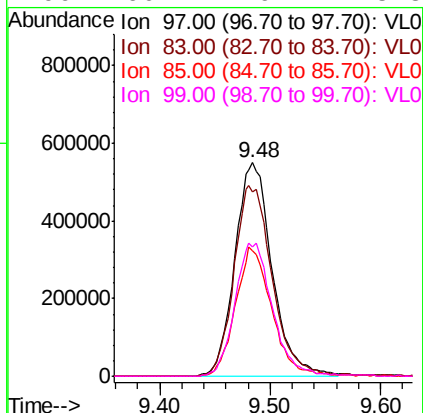
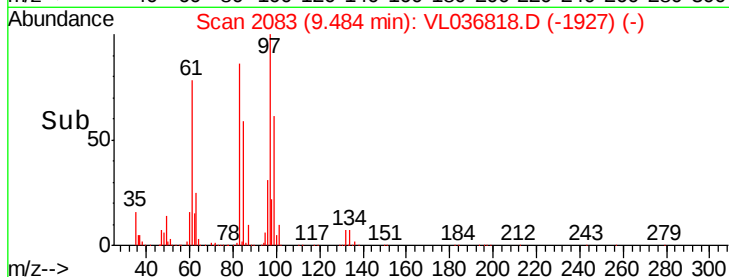
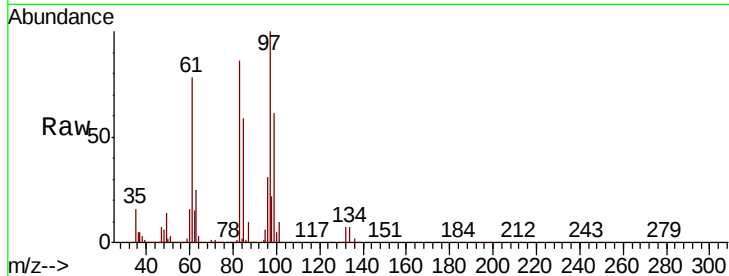
Tgt Ion: 75 Resp: 1726004
 Ion Ratio Lower Upper
 75 100
 39 68.5 58.2 87.2
 77 31.5 25.2 37.8





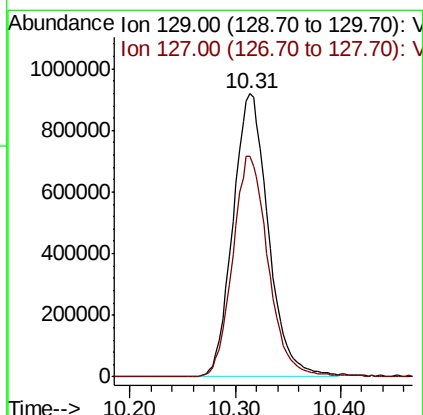
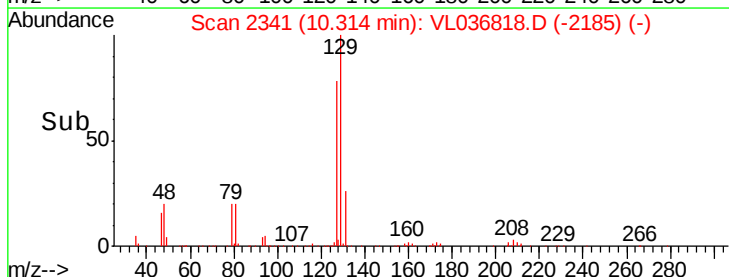
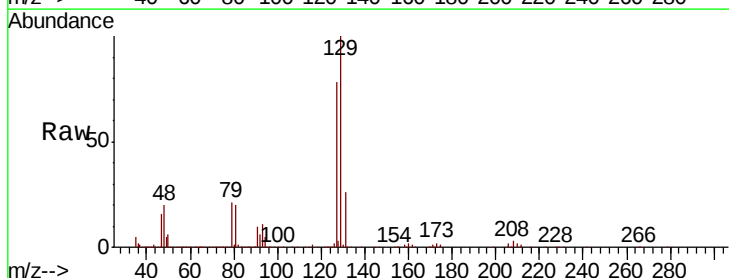
#47
 1,1,2-Trichloroethane
 Concen: 9.764 ppbv
 RT: 9.48 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 9:27

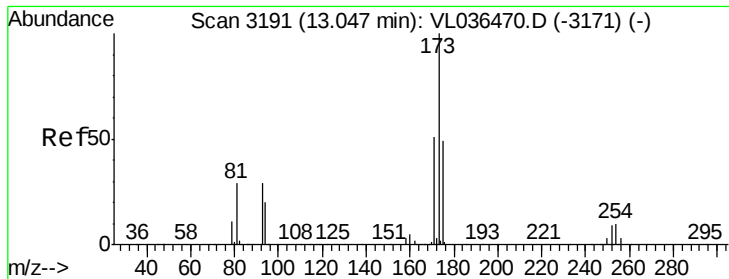
Tot Ion:	97	Resp:	1285951
Ion	Ratio	Lower	Upper
97	100		
83	86.0	75.8	113.8
85	58.7	47.1	70.7
99	60.7	49.2	73.8



#48
 Dibromochloromethane
 Concen: 10.635 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T.: 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion:	129	Resp:	2135172
Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.6	118.8





#49

Bromoform

Concen: 10.787 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File:

Acq: 20 Apr 2021 9:27

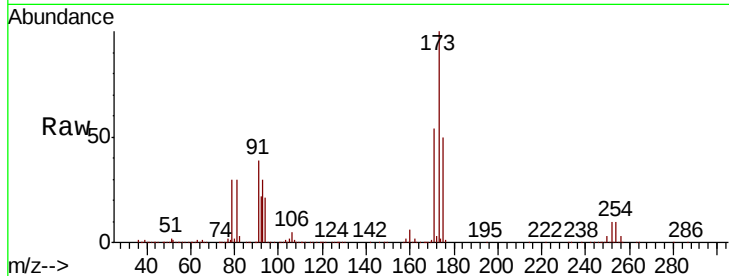
Tot Ion:173 Resp: 1744937

Ion Ratio Lower Upper

173 100

175 50.7 39.6 59.4

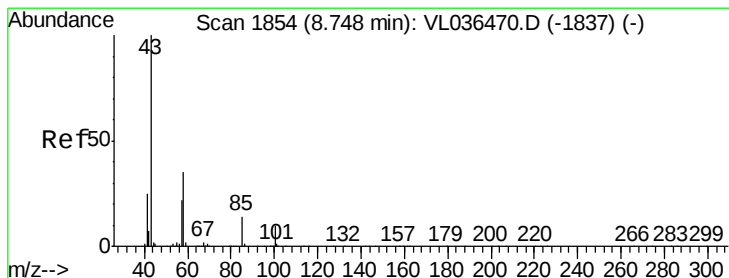
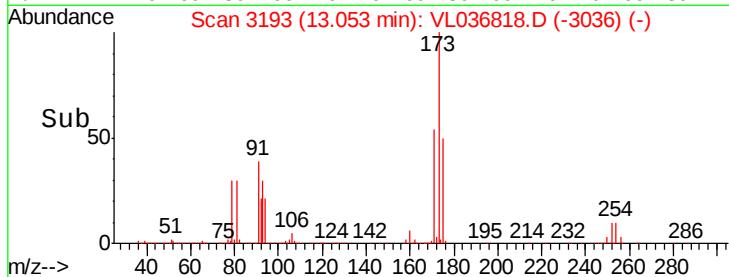
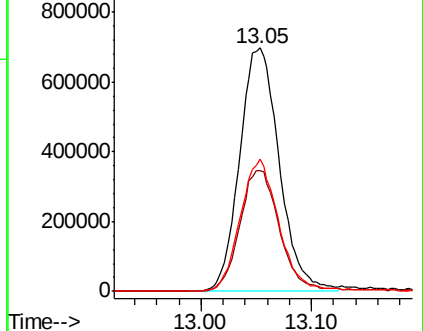
171 53.5 41.4 62.0



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.120 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VL036818.D

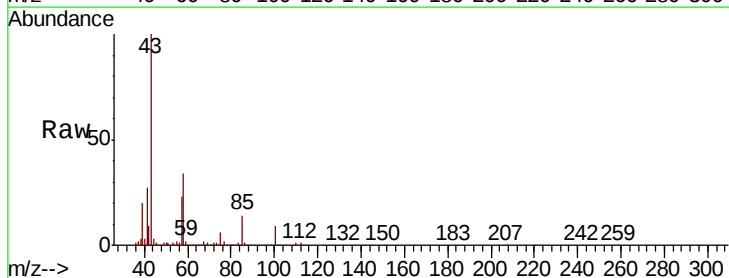
Acq: 20 Apr 2021 9:27

Tgt Ion: 43 Resp: 2484304

Ion Ratio Lower Upper

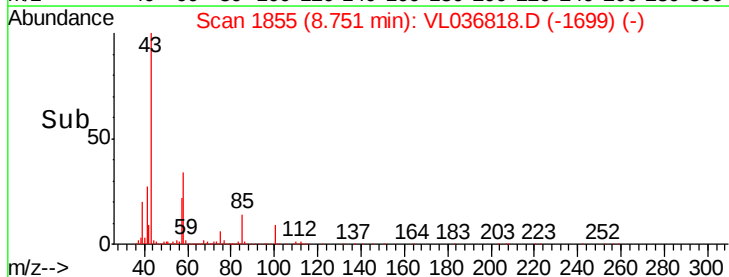
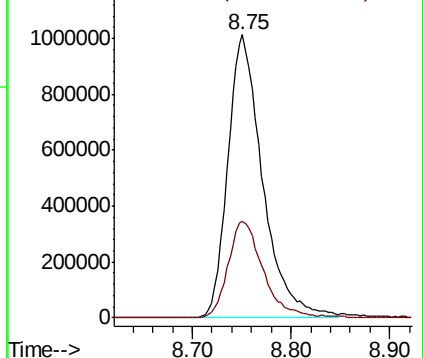
43 100

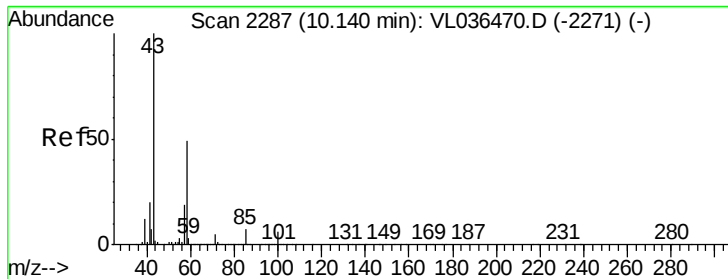
58 35.0 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

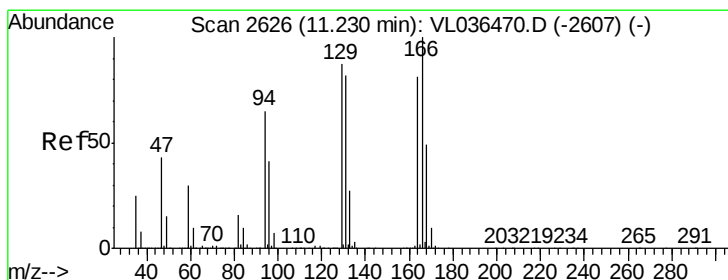
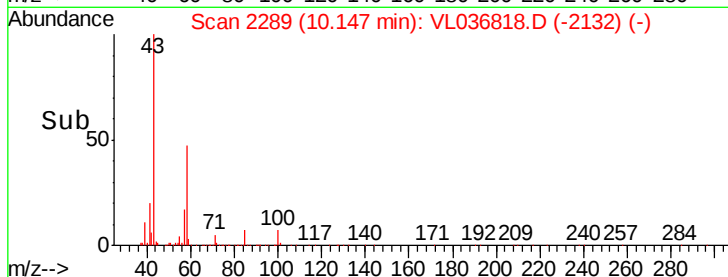
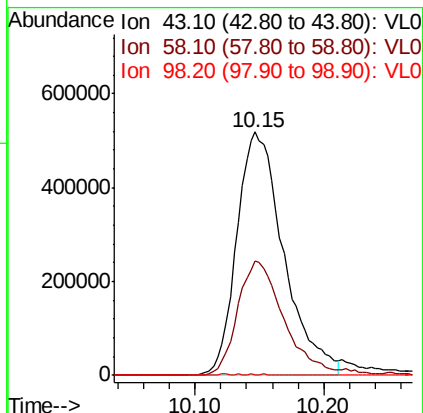
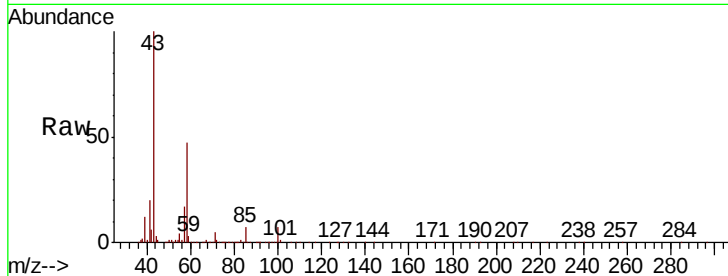
Ion 58.10 (57.80 to 58.80): VL0





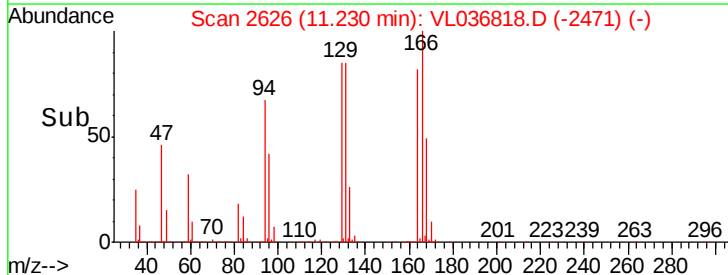
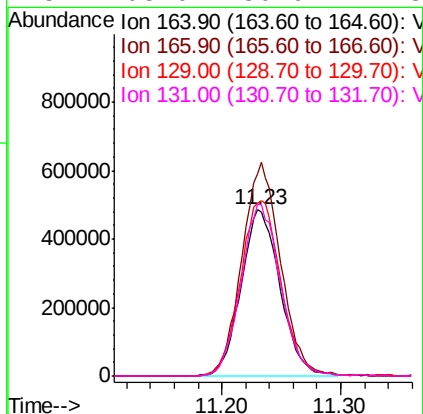
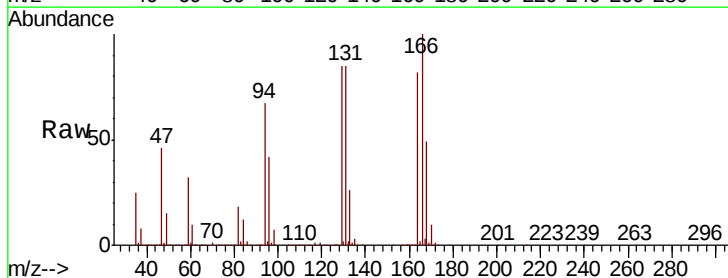
#51
2-Hexanone
Concen: 10.569 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 9:27

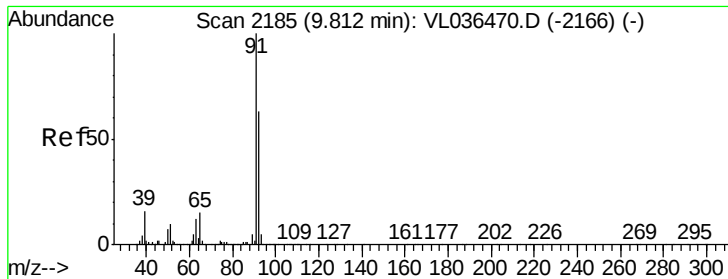
Tot Ion: 43 Resp: 1309286
Ion Ratio Lower Upper
43 100
58 48.1 37.7 56.5
98 0.7 0.2 0.2#



#52
Tetrachloroethene
Concen: 9.333 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. -0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion:164 Resp: 1101641
Ion Ratio Lower Upper
164 100
166 121.7 98.3 147.5
129 103.6 85.8 128.8
131 103.0 80.9 121.3





#53

Toluene

Concen: 10.470 ppbv

RT: 9.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

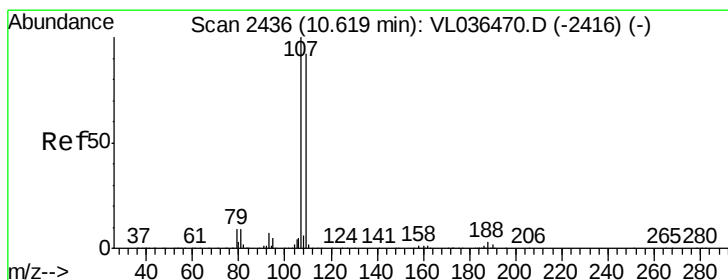
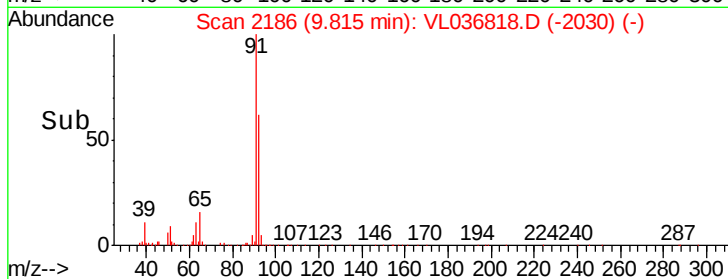
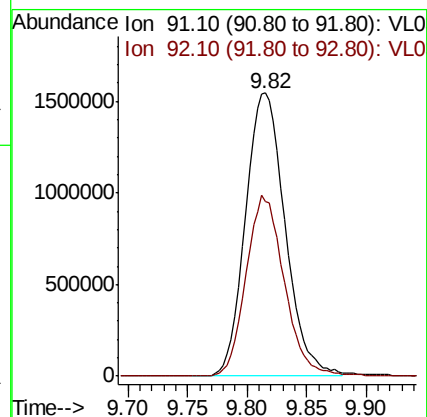
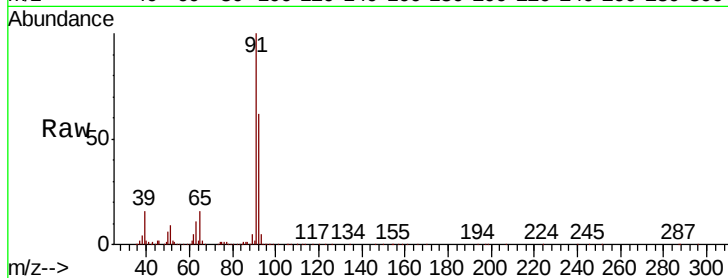
Acq: 20 Apr 2021 9:27

Tot Ion: 91 Resp: 3573930

Ion Ratio Lower Upper

91 100

92 61.6 48.8 73.2



#54

1,2-Dibromoethane

Concen: 10.019 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VL036818.D

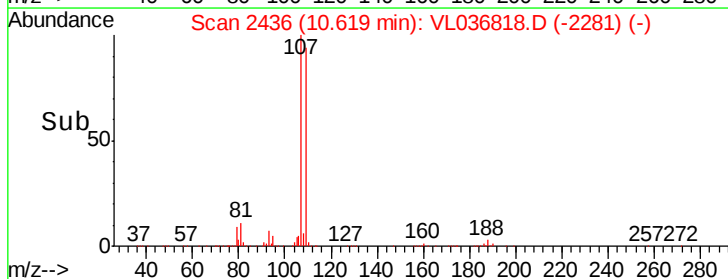
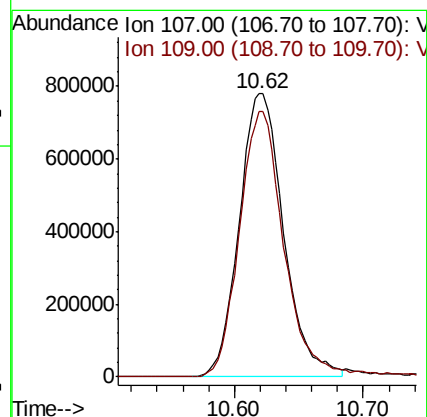
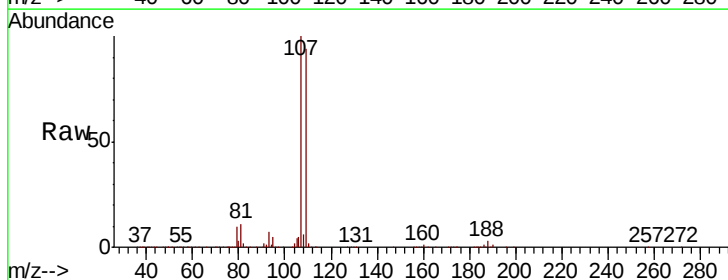
Acq: 20 Apr 2021 9:27

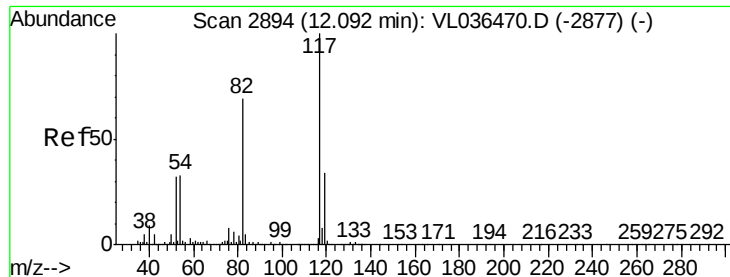
Tgt Ion: 107 Resp: 1863355

Ion Ratio Lower Upper

107 100

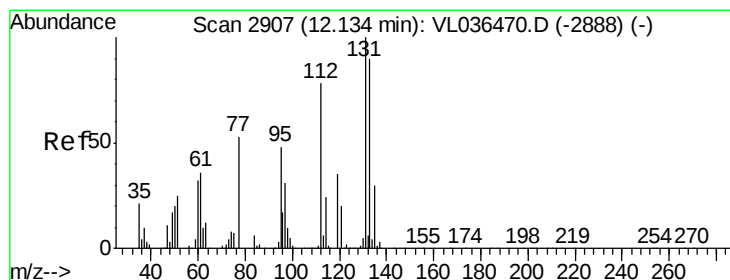
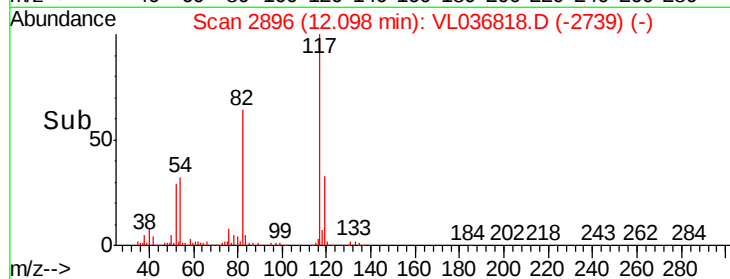
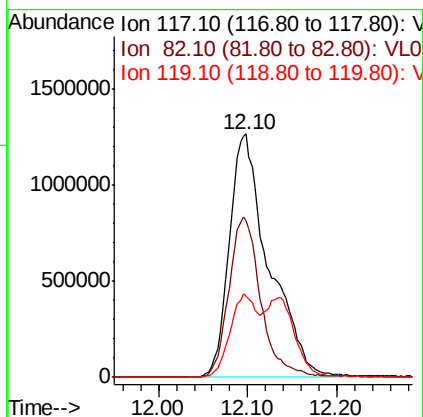
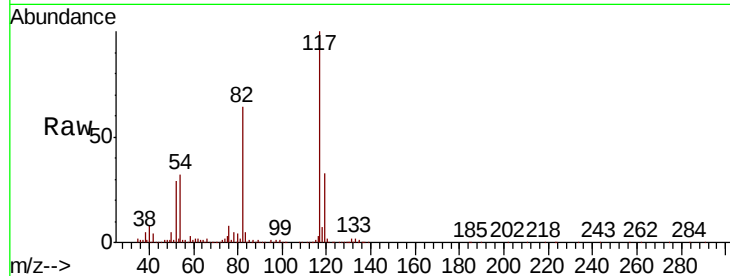
109 94.0 73.9 110.9





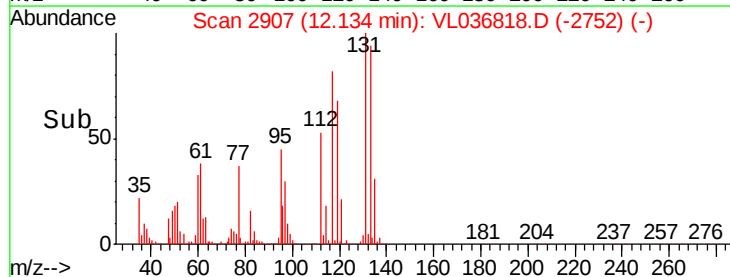
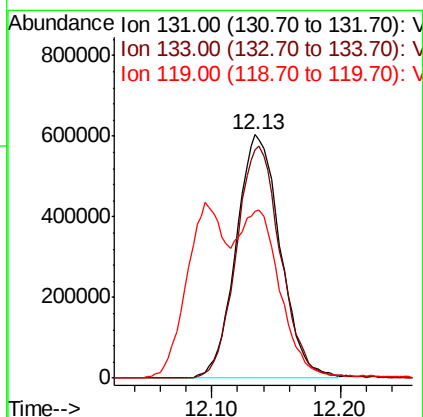
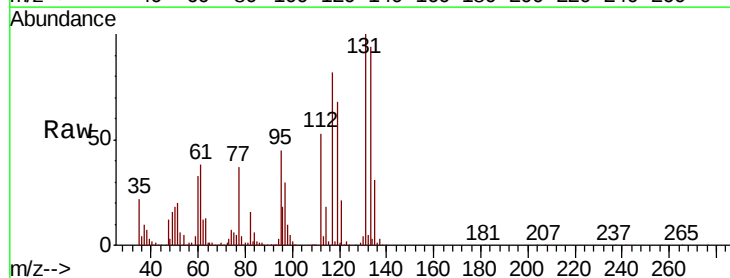
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 9:27

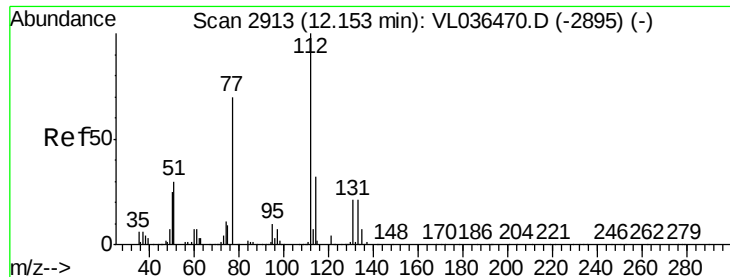
Tot Ion:117 Resp: 3899185
 Ion Ratio Lower Upper
 117 100
 82 53.7 57.4 86.0#
 119 25.2 47.4 71.0#



#56
 1,1,1,2-Tetrachloroethane
 Concen: 8.110 ppbv
 RT: 12.13 min Scan# 2907
 Delta R.T.: -0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion:131 Resp: 1430369
 Ion Ratio Lower Upper
 131 100
 133 96.5 75.8 113.6
 119 72.1 48.7 73.1





#57

Chlorobenzene

Concen: 7.966 ppbv

RT: 12.16

Delta R.T. MSVOA_L

Lab File:

Acq: 20 Apr 2021 9:27

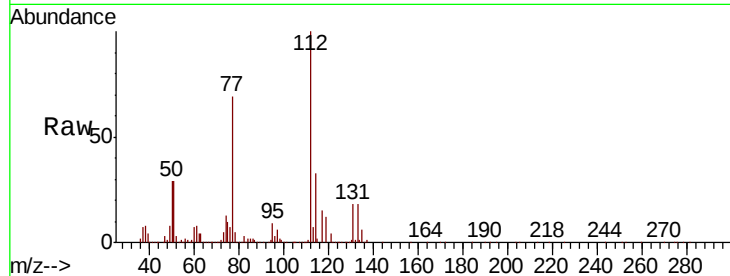
Tot Ion: 112 Resp: 2642801

Ion Ratio Lower Upper

112 100

77 68.5 56.0 84.0

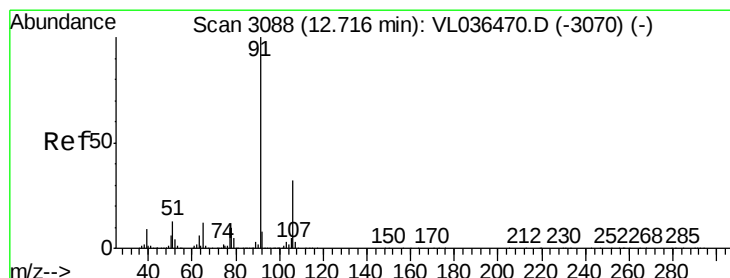
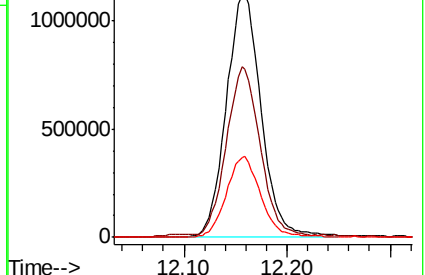
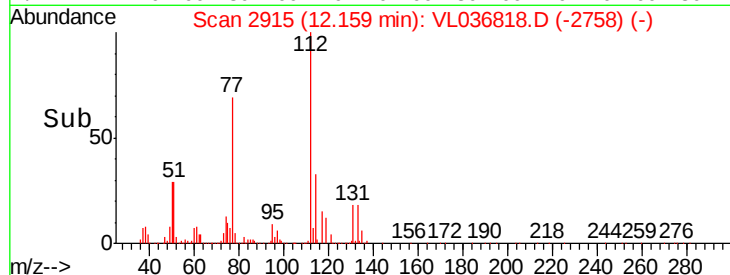
114 32.9 29.0 35.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 8.367 ppbv

RT: 12.72 min Scan# 3089

Delta R.T. 0.00 min

Lab File: VL036818.D

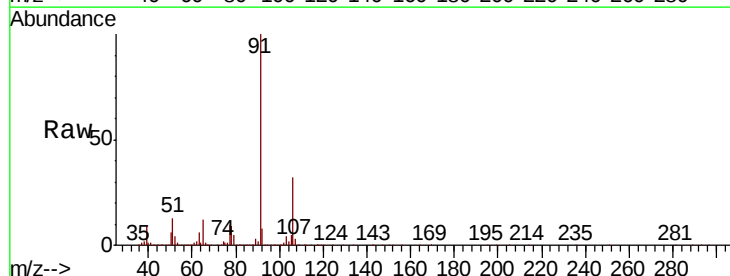
Acq: 20 Apr 2021 9:27

Tgt Ion: 91 Resp: 4746607

Ion Ratio Lower Upper

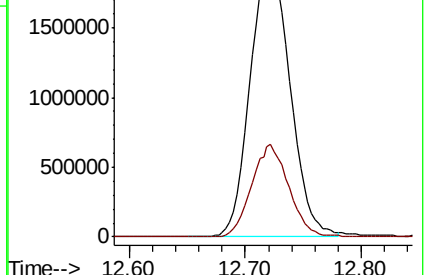
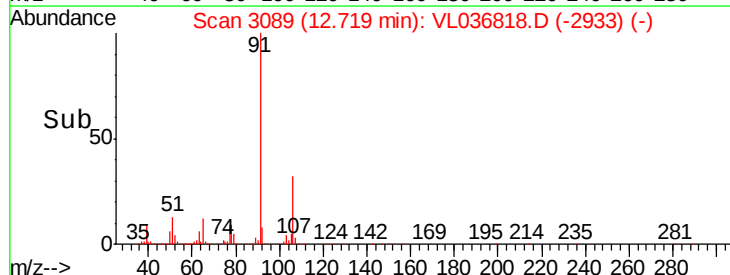
91 100

106 31.8 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

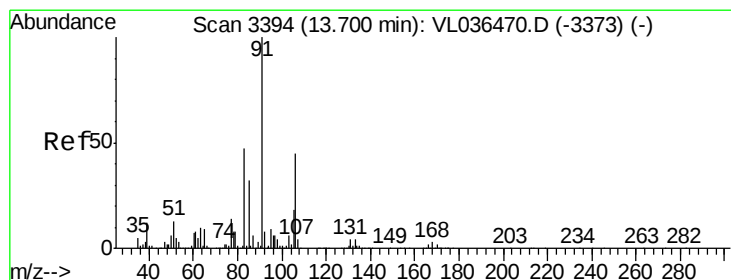
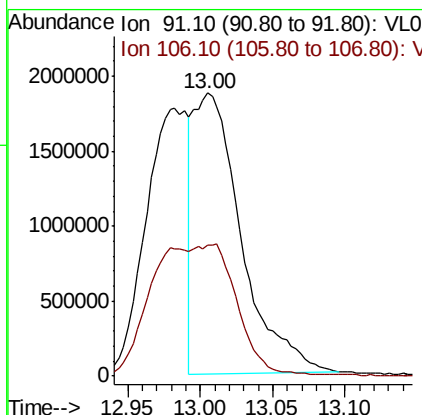
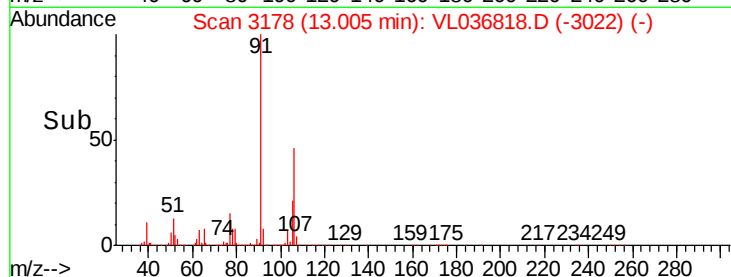
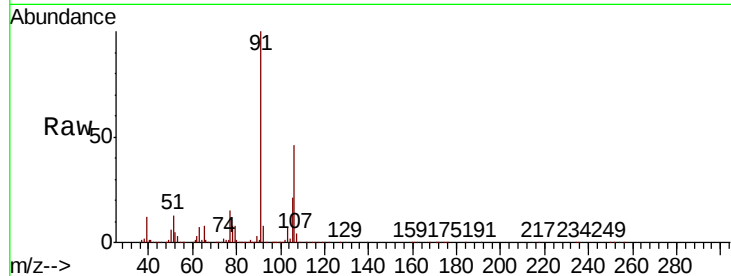
Ion 106.10 (105.80 to 106.80): V





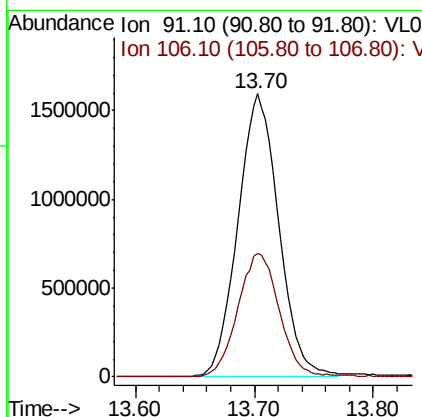
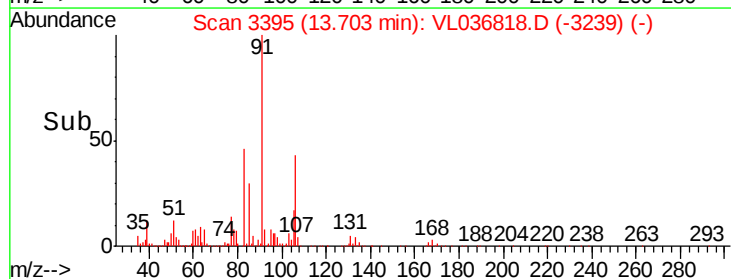
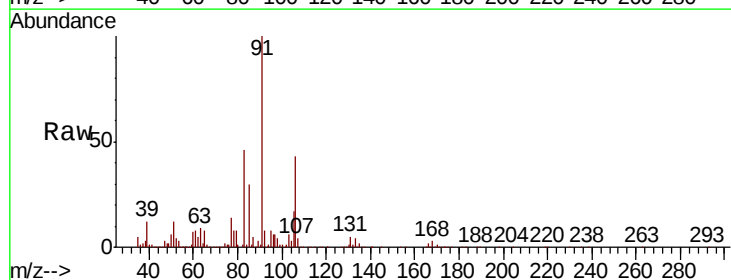
#59
m/p-Xylene
Concen: 8.613 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 20 Apr 2021 9:27

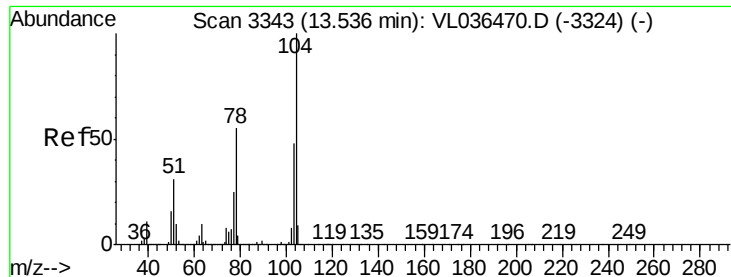
Tot Ion: 91 Resp: 4261857
Ion Ratio Lower Upper
91 100
106 84.6 35.3 52.9#



#60
o-Xylene
Concen: 7.888 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 91 Resp: 3773808
Ion Ratio Lower Upper
91 100
106 45.1 22.3 66.9

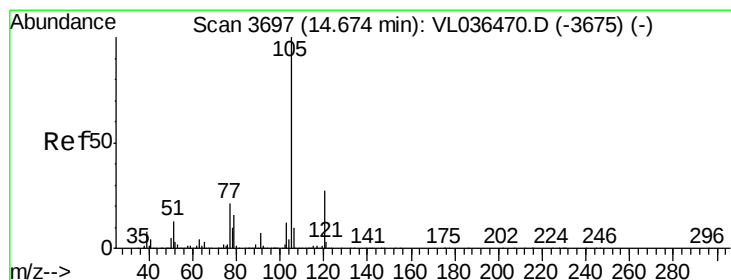
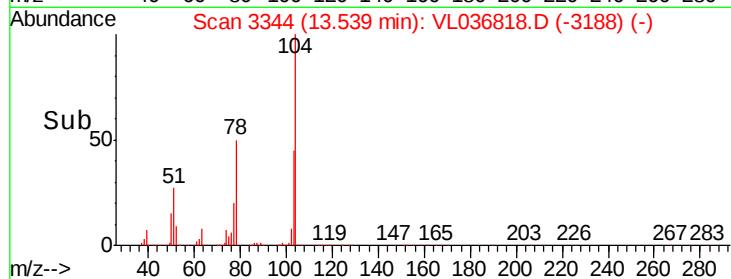
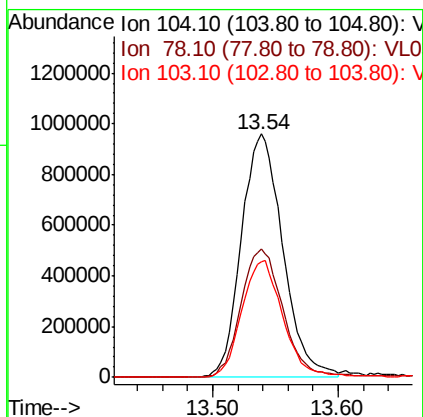
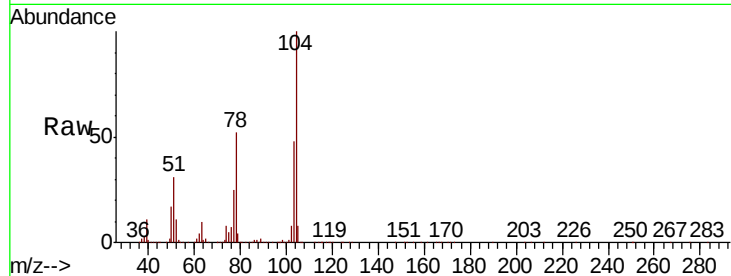




#61
Stvrene
Concen: 9.148 ppbv
RT: 13.54 min
Delta R.T.: 0.01 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tot Ion: 104 Resp: 2201912

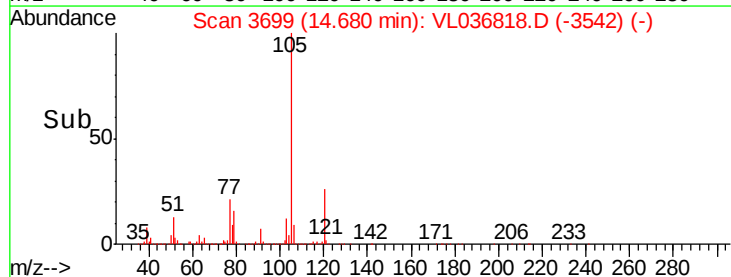
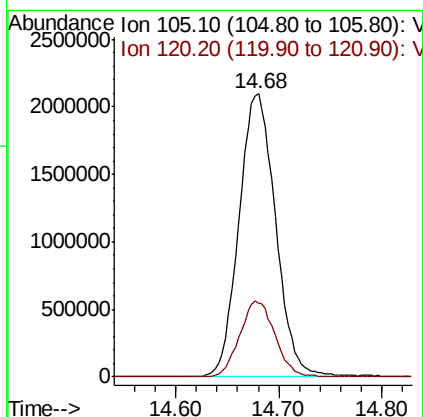
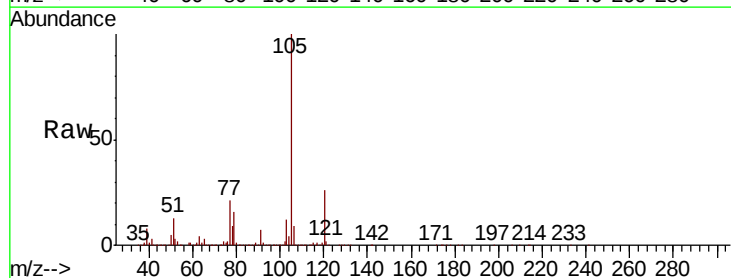
Ion	Ratio	Lower	Upper
104	100		
78	54.0	43.8	65.8
103	48.0	38.3	57.5

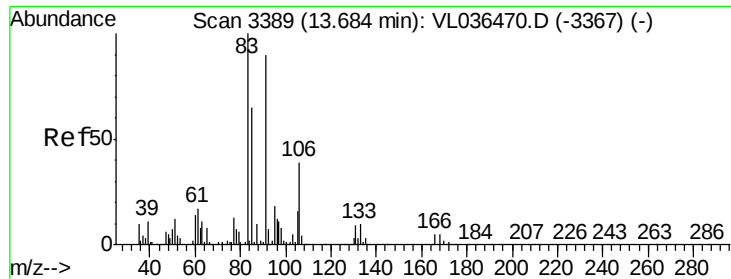


#62
Isopropylbenzene
Concen: 8.027 ppbv
RT: 14.68 min Scan# 3699
Delta R.T.: 0.01 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion: 105 Resp: 5171553

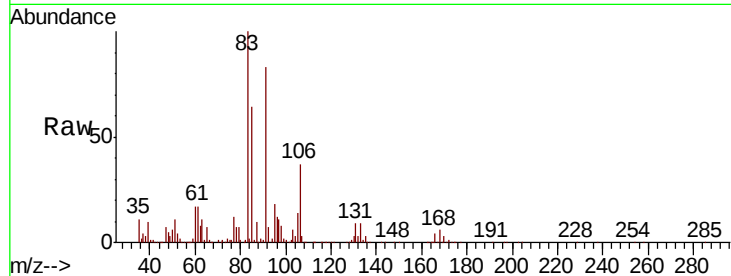
Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.6	31.0



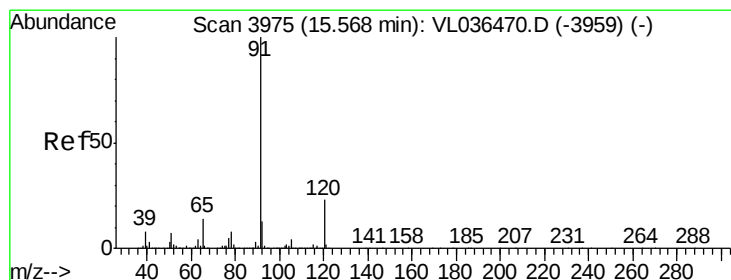
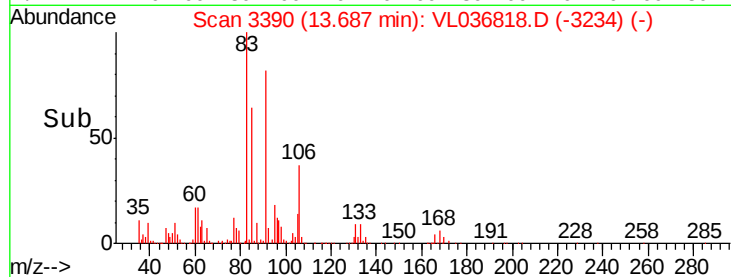
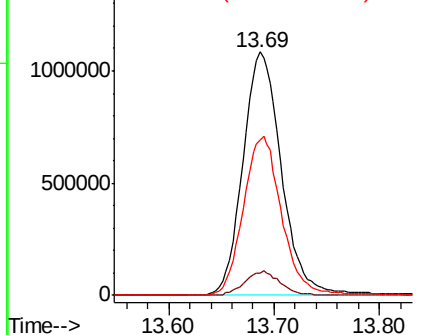


#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.484 ppbv
 RT: 13.69 min
 Delta R.T. MSVOA.L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 9:27

Tot Ion: 83 Resp: 2731140
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.0
 85 66.1 33.1 99.3

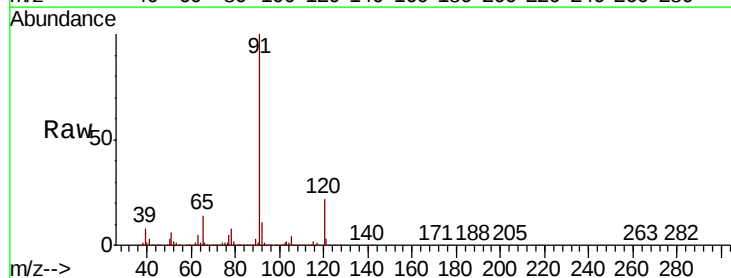


Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 131.00 (130.70 to 131.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0

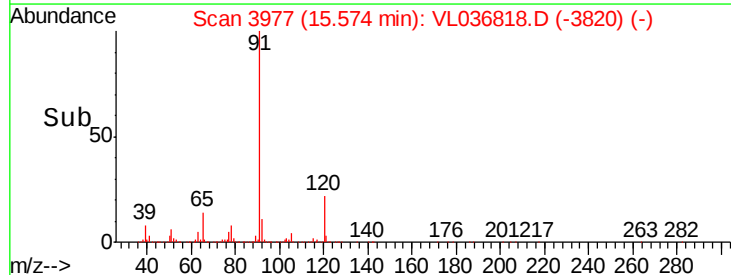
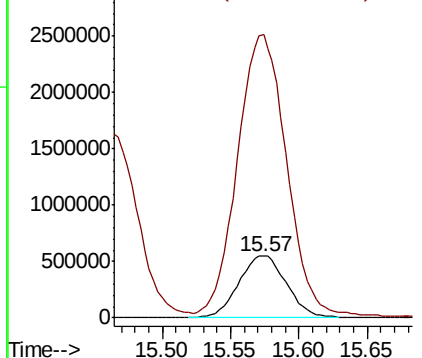


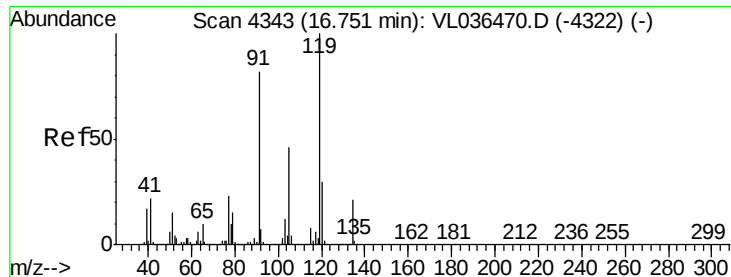
#64
 n-propylbenzene
 Concen: 8.492 ppbv
 RT: 15.57 min Scan# 3977
 Delta R.T. 0.01 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion: 120 Resp: 1337633
 Ion Ratio Lower Upper
 120 100
 91 476.1 377.4 566.2



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

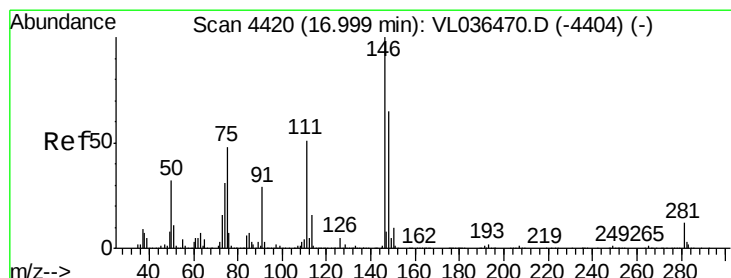
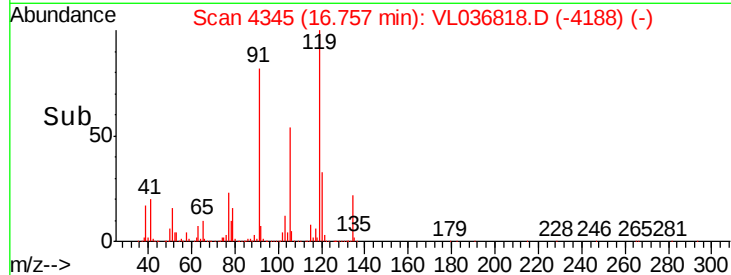
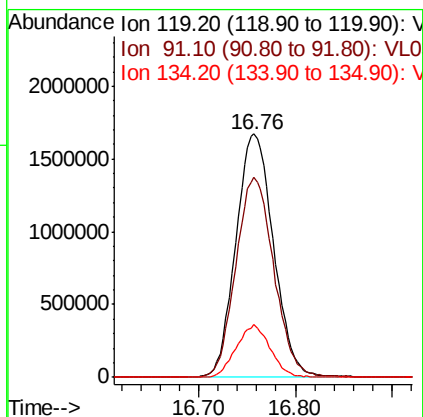
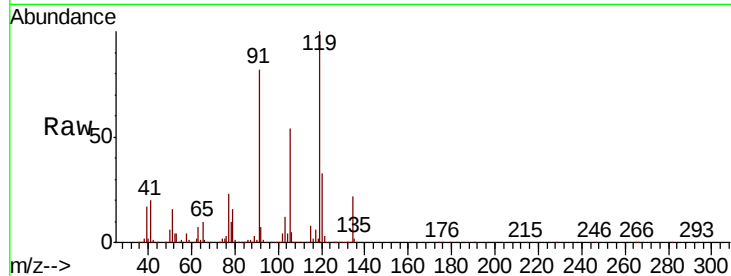




#65
 tert-Butylbenzene
 Concen: 8.090 ppbv
 RT: 16.76 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 9:27

Tot Ion: 119 Resp: 4519571

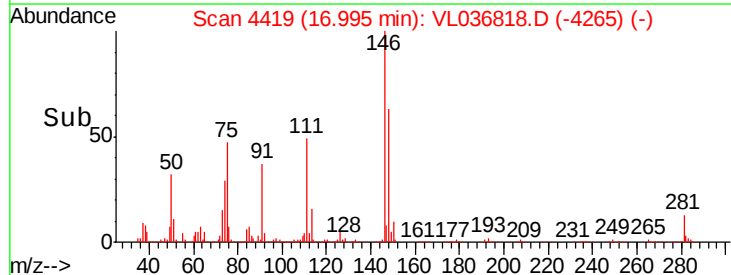
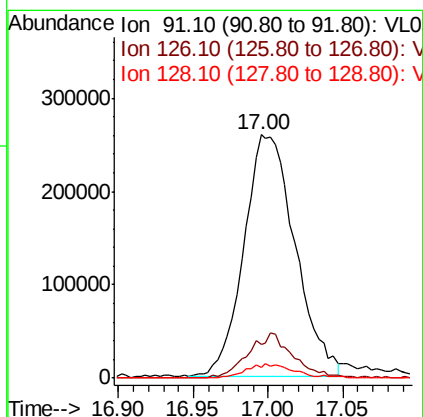
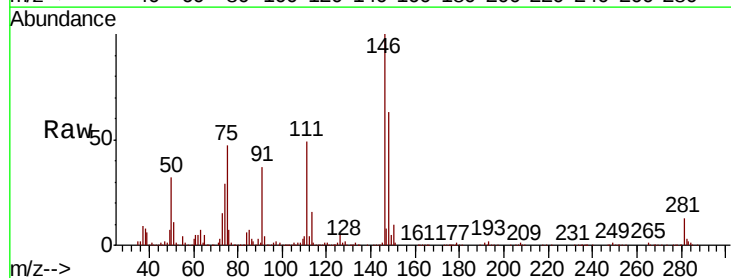
Ion	Ratio	Lower	Upper
119	100		
91	83.3	67.5	101.3
134	19.6	15.8	23.8

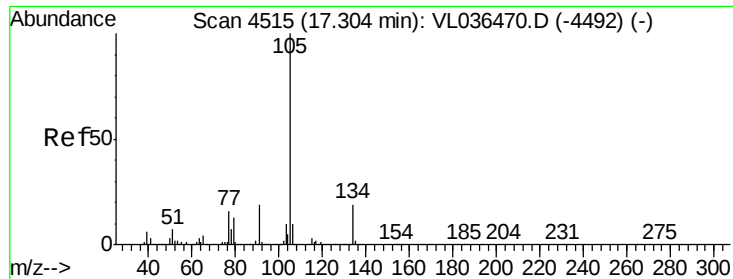


#66
 Benzyl Chloride
 Concen: 9.931 ppbv
 RT: 17.00 min Scan# 4419
 Delta R.T. -0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion: 91 Resp: 613233

Ion	Ratio	Lower	Upper
91	100		
126	17.0	13.5	20.3
128	5.8	4.2	6.4





#67

sec-Butylbenzene

Concen: 8.008 ppbv

RT: 17.31 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

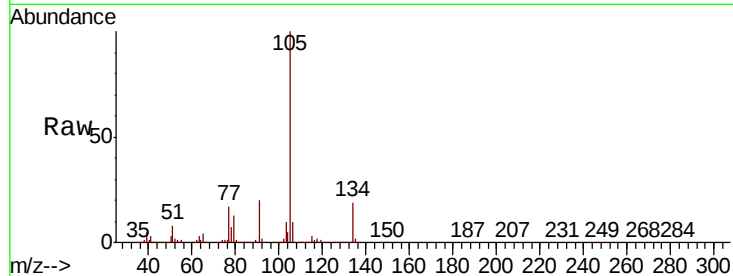
Acq: 20 Apr 2021 9:27

Tot Ion: 105 Resp: 6315044

Ion Ratio Lower Upper

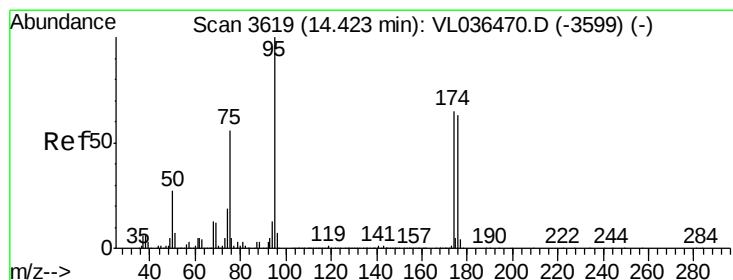
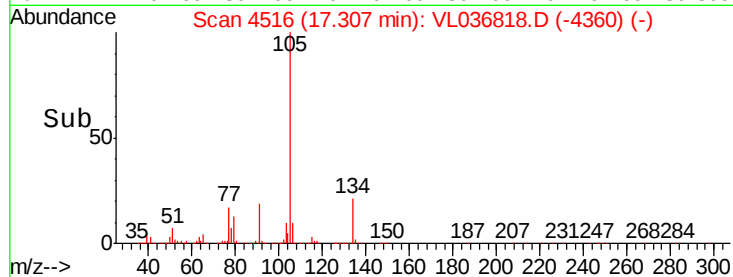
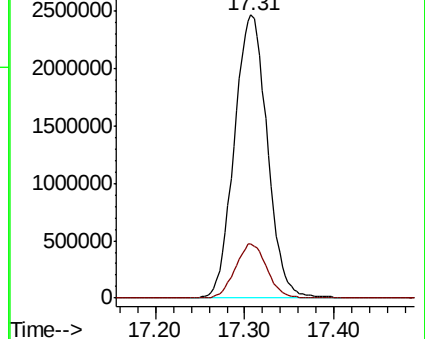
105 100

134 18.3 14.7 22.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 7.432 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

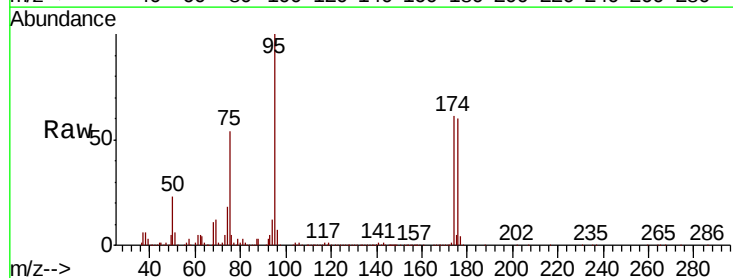
Tgt Ion: 95 Resp: 2309577

Ion Ratio Lower Upper

95 100

174 64.7 51.0 76.6

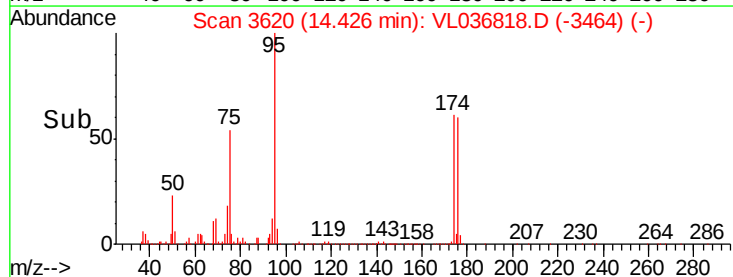
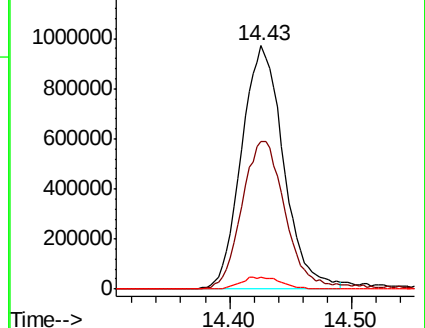
175 5.1 3.9 5.9

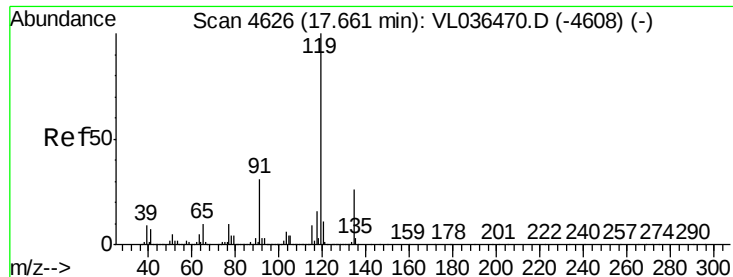


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

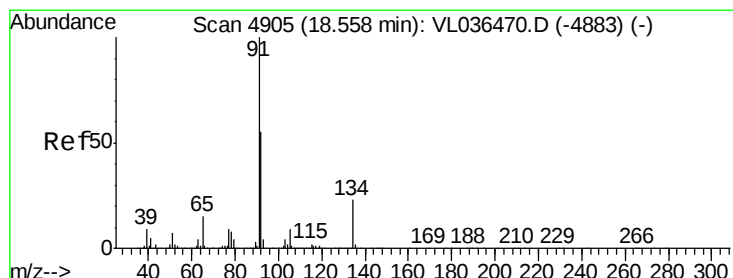
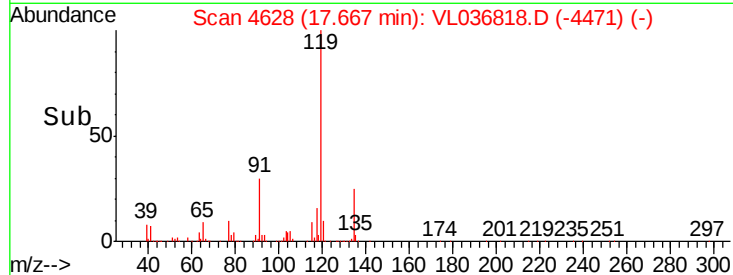
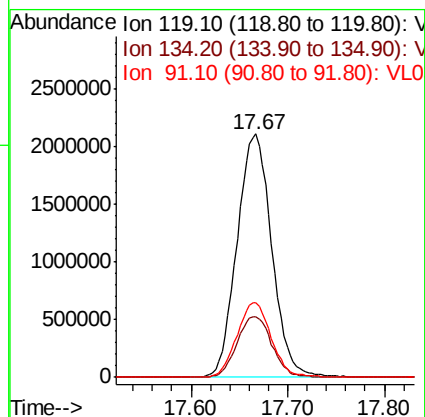
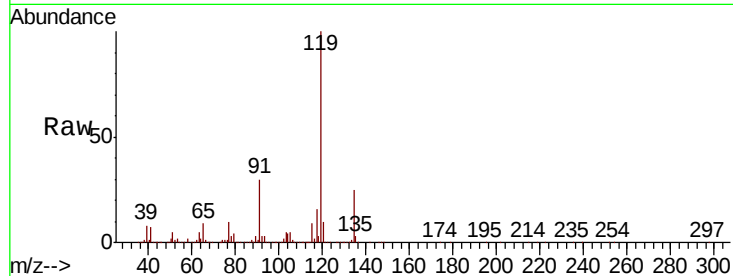
Ion 175.00 (174.70 to 175.70): V





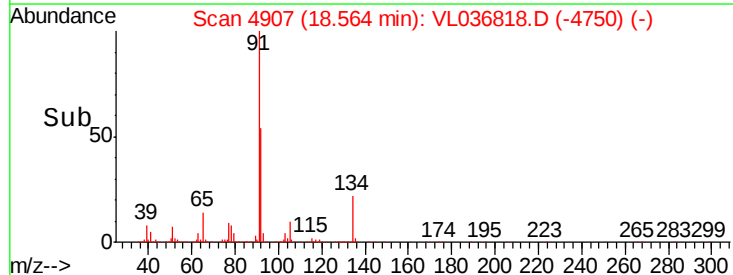
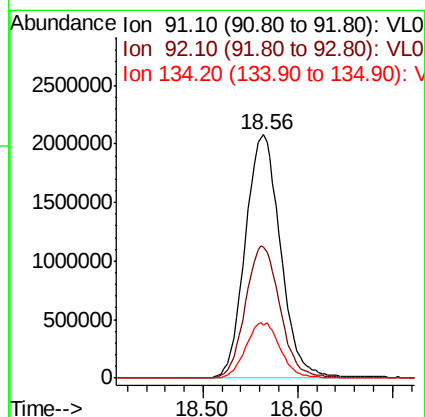
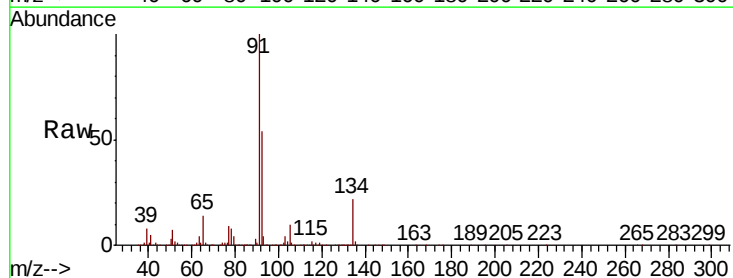
#69
 p-Isopropyltoluene
 Concen: 8.544 ppbv
 RT: 17.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 9:27

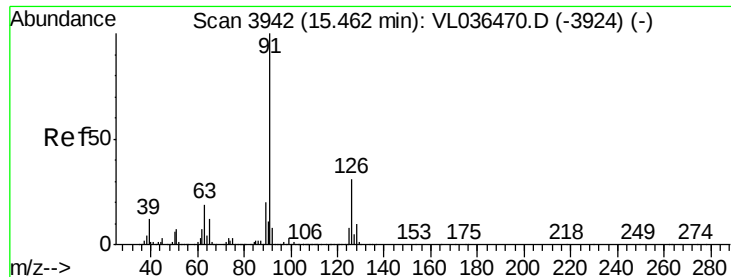
Tot Ion:	119	Resp:	5261664
Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.6	30.8
91	30.4	25.0	37.6



#70
 n-Butylbenzene
 Concen: 8.401 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T.: 0.01 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion:	91	Resp:	5363824
Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.8	65.8
134	22.5	18.0	27.0





#71

2-Chlorotoluene

Concen: 8.265 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File:

Acq: 20 Apr 2021 9:27

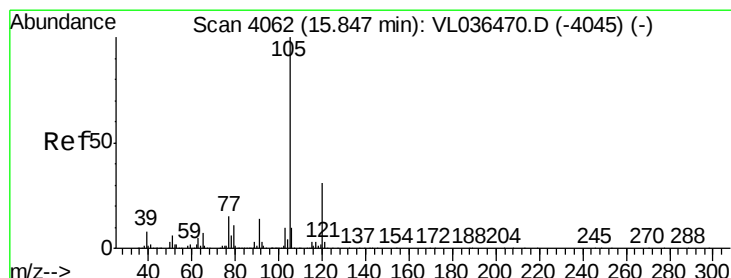
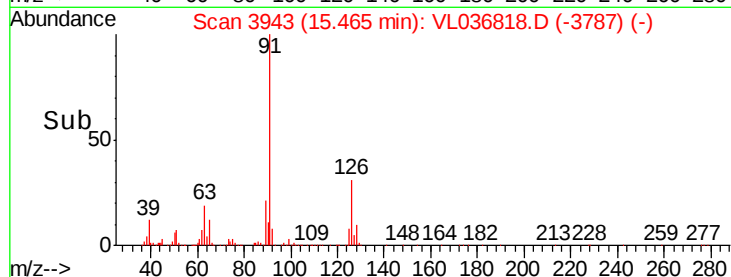
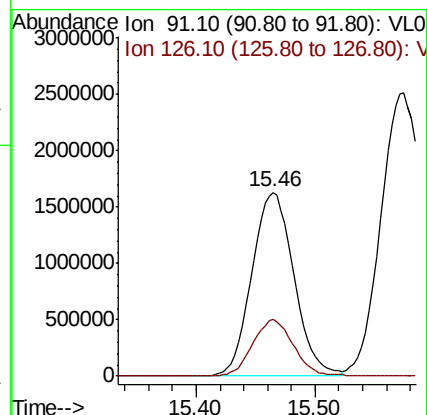
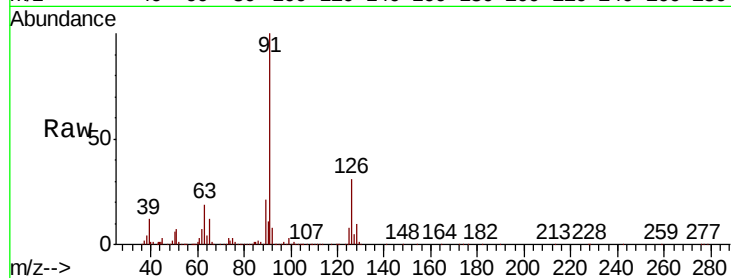
ClientSampleId:

Tot Ion: 91 Resp: 3990194

Ion Ratio Lower Upper

91 100

126 30.5 12.1 48.5



#72

4-Ethyltoluene

Concen: 8.520 ppbv

RT: 15.85 min Scan# 4063

Delta R.T. 0.00 min

Lab File: VL036818.D

Acq: 20 Apr 2021 9:27

Tgt Ion: 105 Resp: 4466358

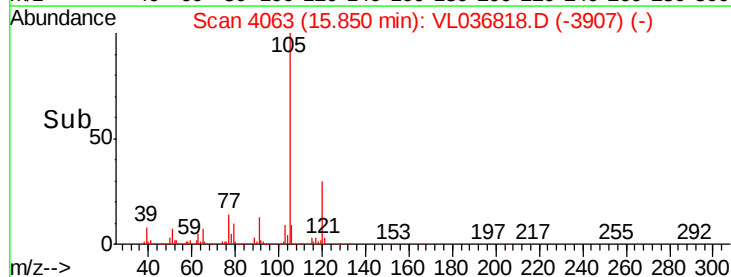
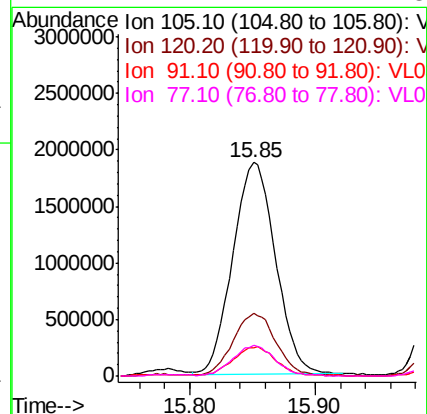
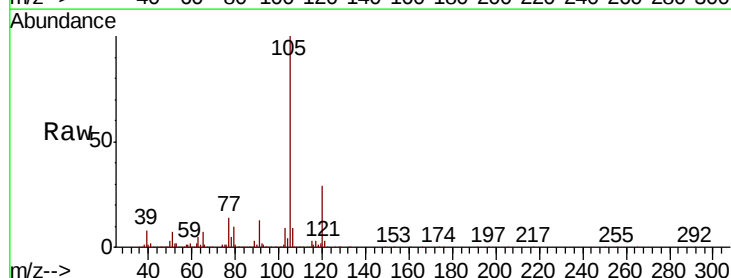
Ion Ratio Lower Upper

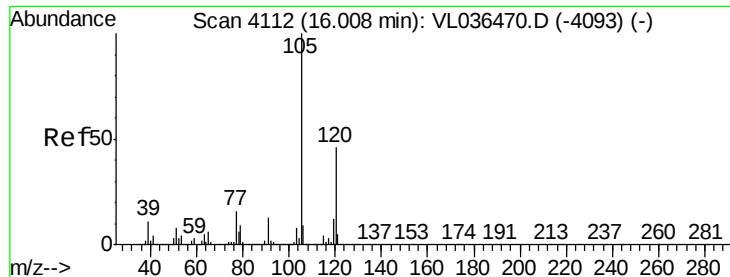
105 100

120 29.9 24.0 36.0

91 13.3 11.0 16.4

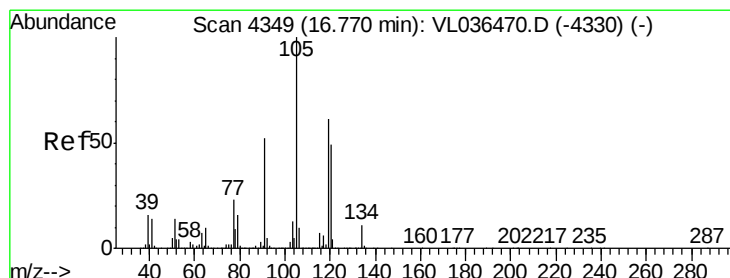
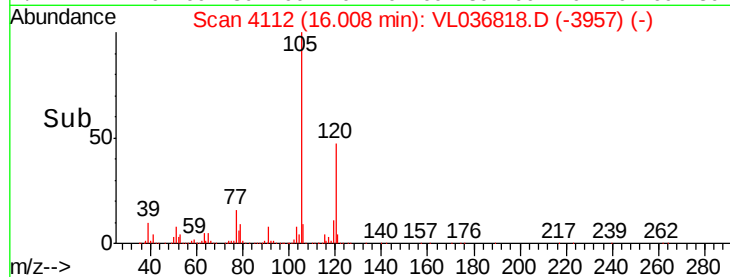
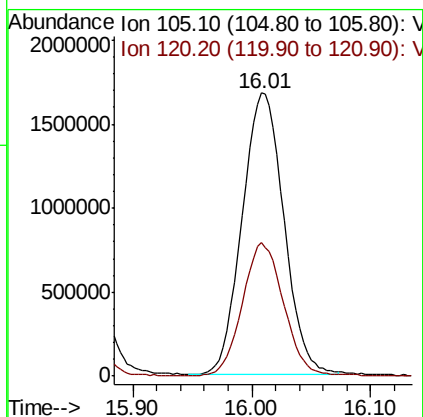
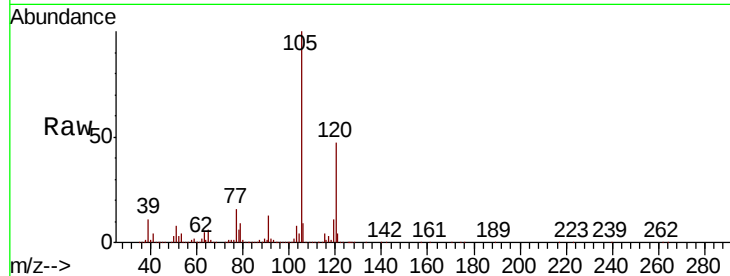
77 14.4 11.7 17.5





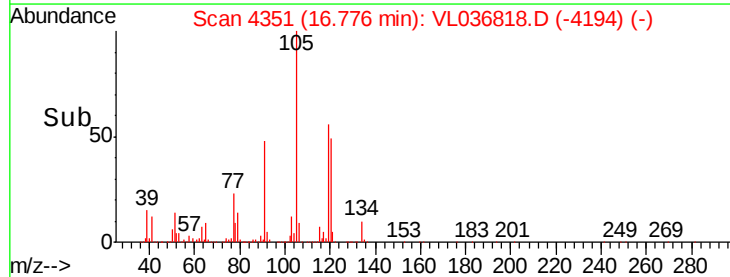
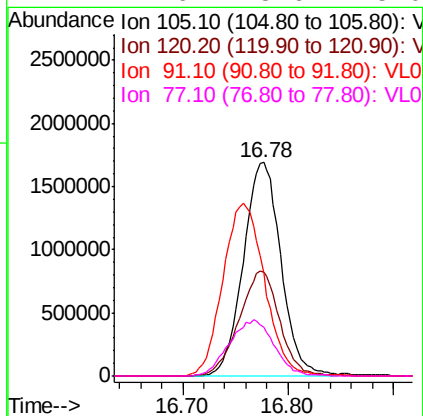
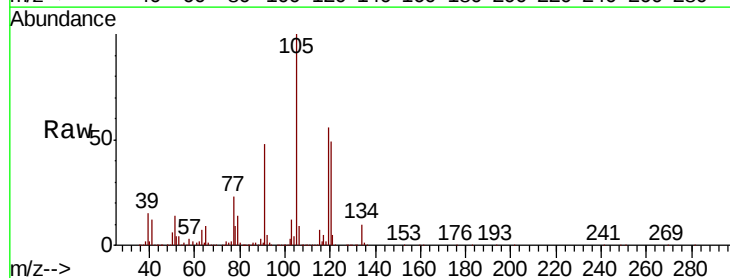
#73
 1,3,5-Trimethylbenzene
 Concen: 8.343 ppbv
 RT: 16.01 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 9:27

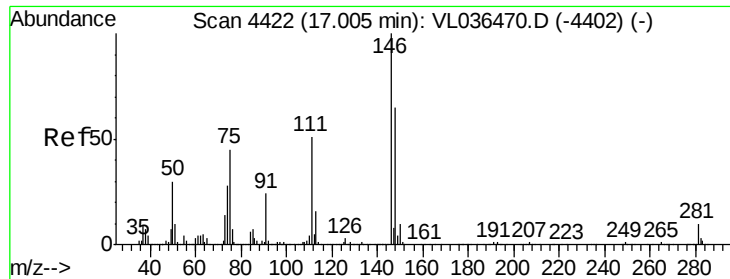
Tot Ion:105 Resp: 4082009
 Ion Ratio Lower Upper
 105 100
 120 47.3 36.6 54.8



#74
 1,2,4-Trimethylbenzene
 Concen: 8.026 ppbv
 RT: 16.78 min Scan# 4351
 Delta R.T. 0.01 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

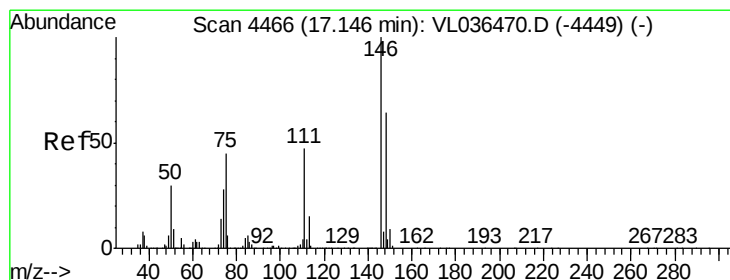
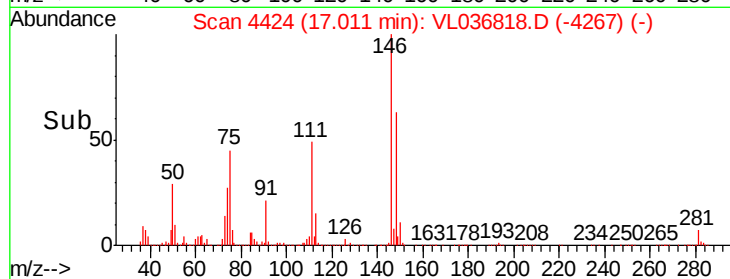
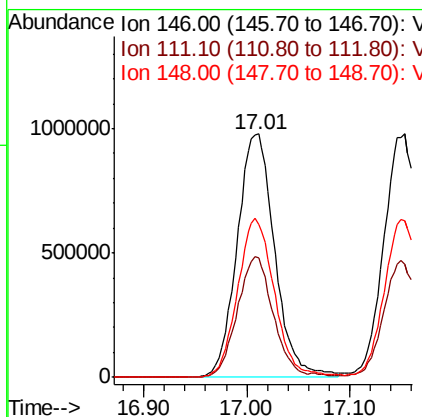
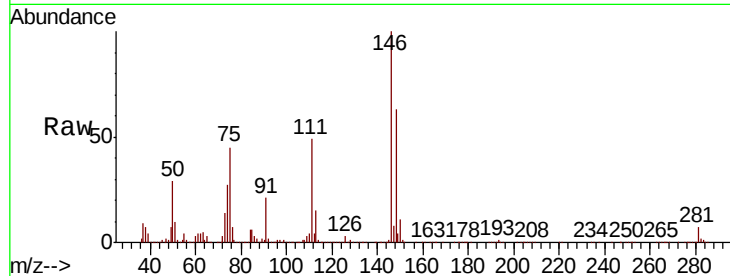
Tgt Ion:105 Resp: 4202356
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.2 58.8
 91 47.6 42.6 64.0
 77 22.6 18.6 28.0





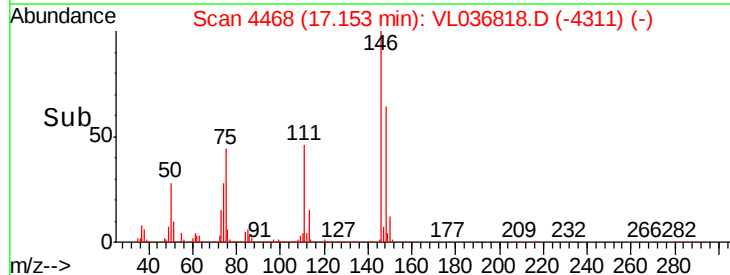
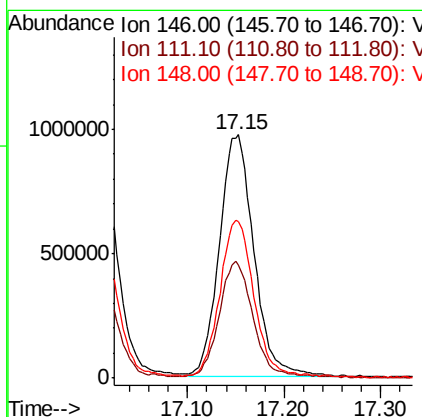
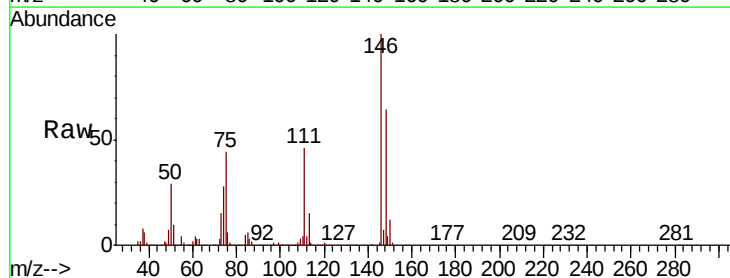
#75
 1,3-Dichlorobenzene
 Concen: 8.411 ppbv
 RT: 17.01 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 9:27

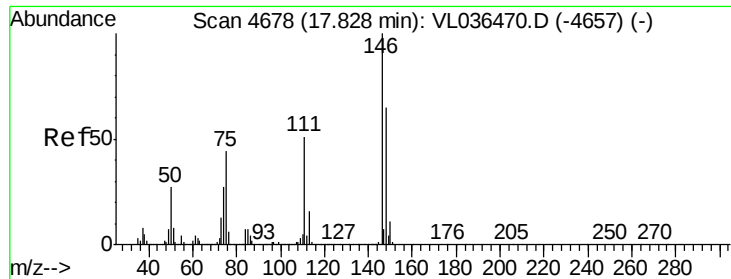
Tot Ion:146 Resp: 2478965
 Ion Ratio Lower Upper
 146 100
 111 47.9 24.5 73.5
 148 64.1 32.3 96.9



#76
 1,4-Dichlorobenzene
 Concen: 8.246 ppbv
 RT: 17.15 min Scan# 4468
 Delta R.T. 0.01 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

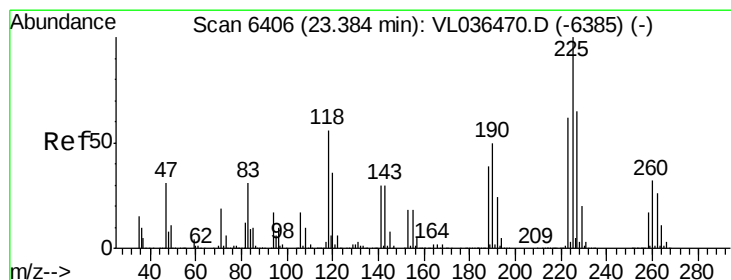
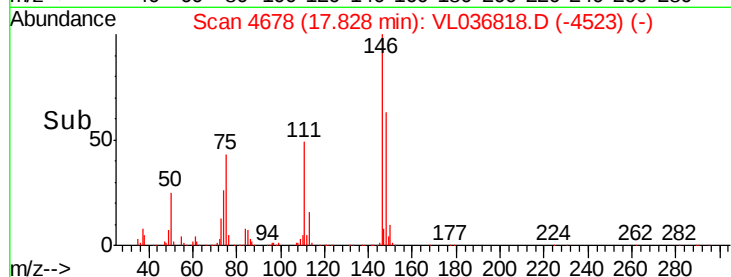
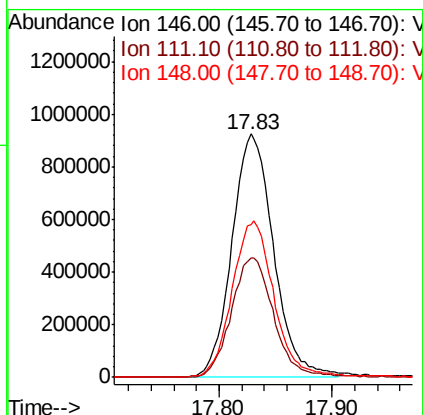
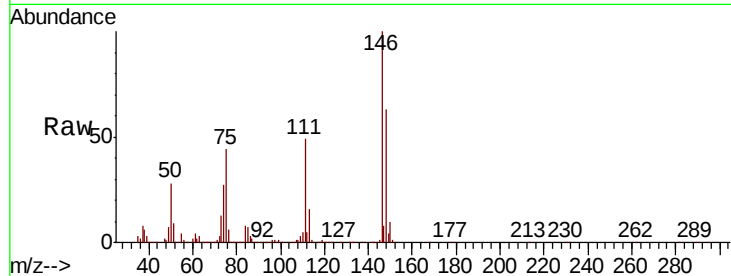
Tgt Ion:146 Resp: 2412813
 Ion Ratio Lower Upper
 146 100
 111 48.0 24.3 72.8
 148 64.7 33.0 98.9





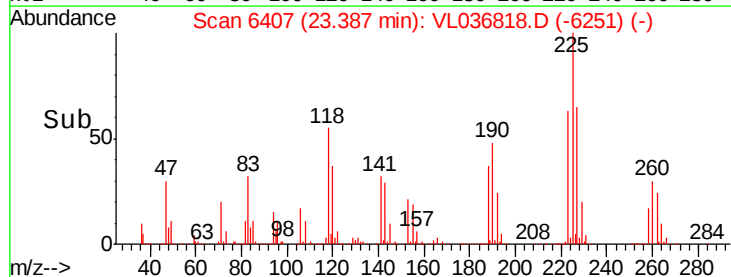
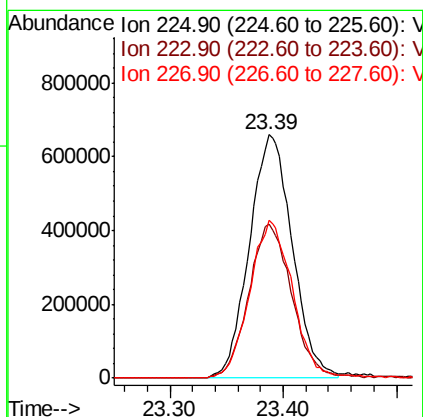
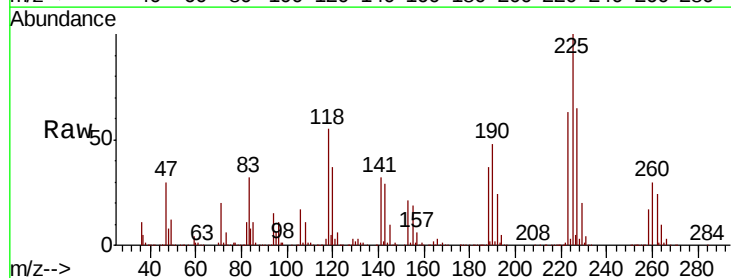
#77
 1,2-Dichlorobenzene
 Concen: 8.491 ppbv
 RT: 17.83 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 9:27

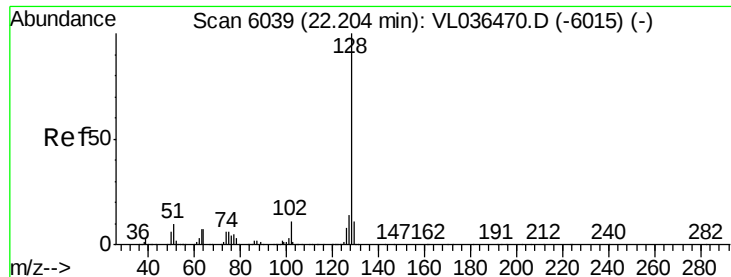
Tot Ion:146 Resp: 2352211
 Ion Ratio Lower Upper
 146 100
 111 50.0 25.5 76.5
 148 64.7 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.997 ppbv
 RT: 23.39 min Scan# 6407
 Delta R.T. 0.00 min
 Lab File: VL036818.D
 Acq: 20 Apr 2021 9:27

Tgt Ion:225 Resp: 1736112
 Ion Ratio Lower Upper
 225 100
 223 64.0 50.6 75.8
 227 65.3 52.2 78.2

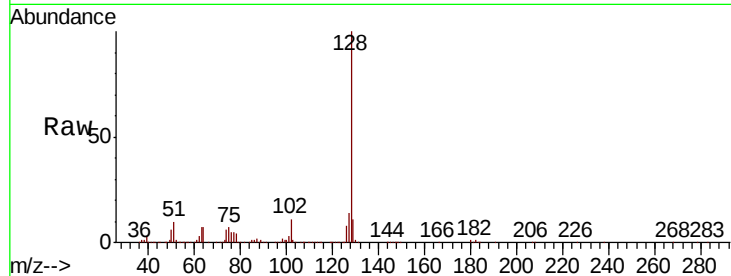




#79
Naphthalene
Concen: 9.209 ppbv
RT: 22.21 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 9:27

Tot Ion:128 Resp: 2813558

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	10.6	9.0	13.4

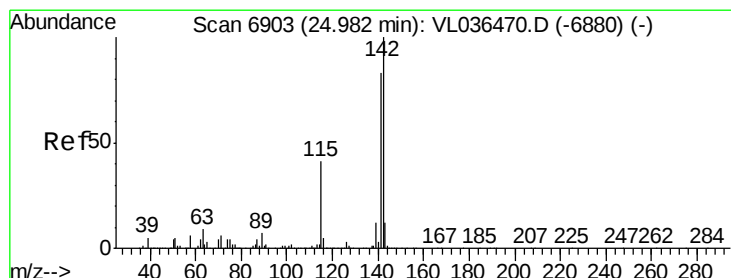
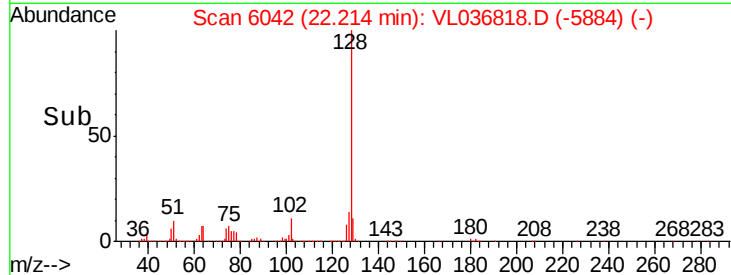
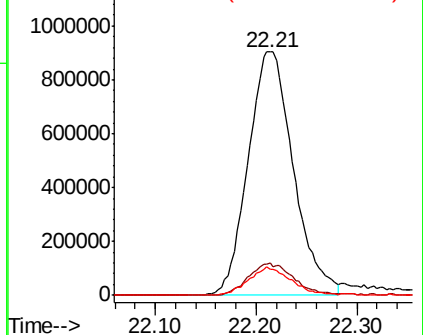


Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

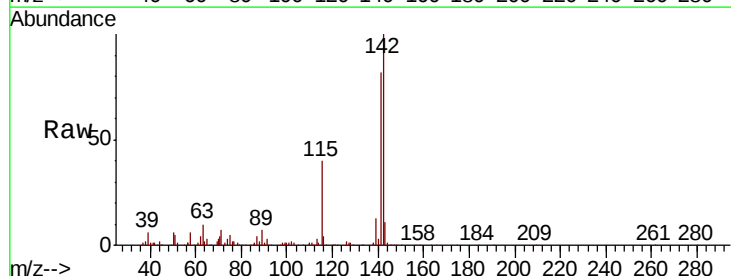
Ion 129.10 (128.80 to 129.80): V



#80
Naphthalene, 2-methyl-
Concen: 9.688 ppbv
RT: 24.99 min Scan# 6905
Delta R.T.: 0.01 min
Lab File: VL036818.D
Acq: 20 Apr 2021 9:27

Tgt Ion:142 Resp: 583719

Ion	Ratio	Lower	Upper
142	100		
141	84.8	67.8	101.8
115	38.5	34.0	51.0

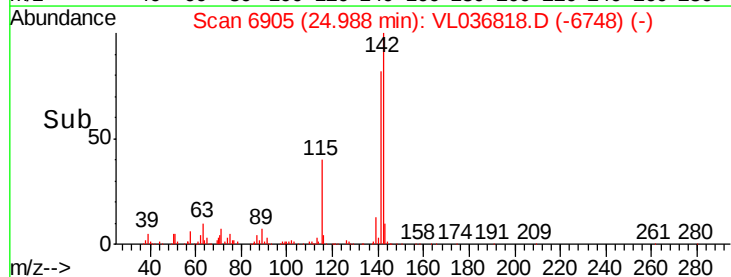
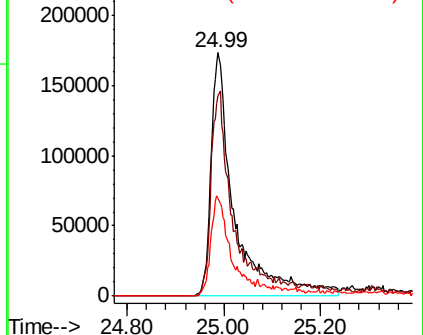


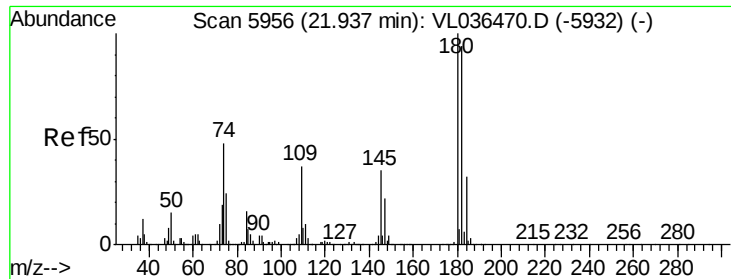
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 8.541 ppbv

RT: 21.94 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 9:27

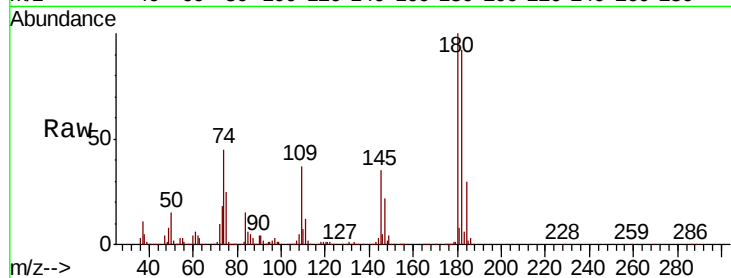
Tot Ion:180 Resp: 1611130

Ion Ratio Lower Upper

180 100

182 103.9 80.8 121.2

184 33.3 25.0 37.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

