

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036470.D
 Acq On : 25 Mar 2021 2:01
 Operator :
 Sample : VSTDIC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 25 07:52:58 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 07:52:30 2021
 QLast Update : Thu Mar 25 07:52:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1615984	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3985552	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4518890	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2994303	8.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	2466477	10.564	ppbv	100
3) Chlorodifluoromethane	2.99	51	2721525	12.905	ppbv	100
4) Chloromethane	3.14	50	997303	10.691	ppbv	100
5) Vinyl Chloride	3.26	62	1017231	11.527	ppbv	100
6) Bromomethane	3.47	94	568454	10.390	ppbv	100
7) Chloroethane	3.56	64	339527	10.301	ppbv	100
8) Dichlorotetrafluoroethane	3.19	85	2324879	10.291	ppbv	100
9) Propene	3.01	41	924400	10.767	ppbv	100
10) Heptane	8.13	43	2386899	11.250	ppbv	99
11) Trichlorofluoromethane	3.95	101	2469465	10.414	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1629334	10.705	ppbv	100
13) Ethanol	3.61	45	64008	5.198	ppbv #	50
14) Bromoethene	3.74	108	693227	10.993	ppbv	100
15) Acetone	3.85	43	1387297	7.695	ppbv	100
16) 1,3-Butadiene	3.32	39	1057270	11.314	ppbv	100
17) tert-Butyl alcohol	4.29	59	1331616	9.223	ppbv	99
18) 1,1-Dichloroethene	4.29	96	725405	10.663	ppbv	100
19) Isopropyl Alcohol	3.97	45	832606	8.274	ppbv #	98
20) Methylene Chloride	4.34	84	643495	9.922	ppbv	100
21) Allyl Chloride	4.41	41	1251329	11.507	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	695045	11.211	ppbv	100
23) Vinyl Acetate	5.08	43	2695560	12.284	ppbv	100
24) 1,1-Dichloroethane	5.01	63	1898759	11.101	ppbv	100
25) Ethyl Acetate	5.68	43	3573030	9.892	ppbv	100
26) Hexane	5.69	57	1681018	11.022	ppbv	99
27) Carbon Disulfide	4.55	76	1764015	11.746	ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	2051659	10.285	ppbv	100
29) Chloroform	5.75	83	2603041	10.523	ppbv	100
30) Cyclohexane	7.13	84	1418743	11.249	ppbv	100
31) cis-1,2-Dichloroethene	5.55	61	1700580	11.513	ppbv	100
32) 1,1,1-Trichloroethane	6.52	97	2646801	10.680	ppbv	100
34) 2-Butanone	5.25	43	1844093	7.923	ppbv	100
35) Carbon Tetrachloride	7.02	117	2714820	10.353	ppbv	100
36) Benzene	6.90	78	3458149	10.892	ppbv	100
37) 1,2-Dichloroethane	6.31	62	2025317	10.211	ppbv	99
38) Trichloroethene	7.84	130	1236202	10.375	ppbv	100
39) 1,2-Dichloropropane	7.62	63	1389388	10.252	ppbv	100
40) 1,4-Dioxane	7.84	88	312399	7.544	ppbv	100
41) Tetrahydrofuran	6.05	42	848158	6.869	ppbv	99
42) Bromodichloromethane	7.80	83	2825895	10.541	ppbv	100
43) Methyl Methacrylate	8.02	69	1284051	10.340	ppbv	100

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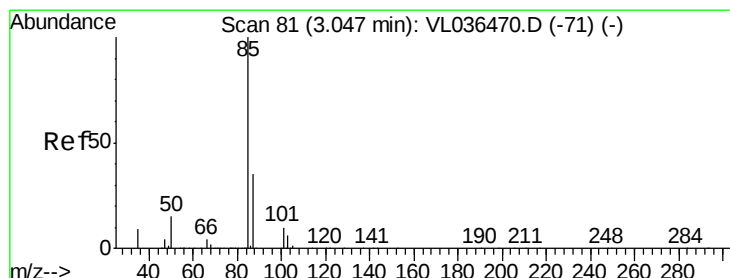
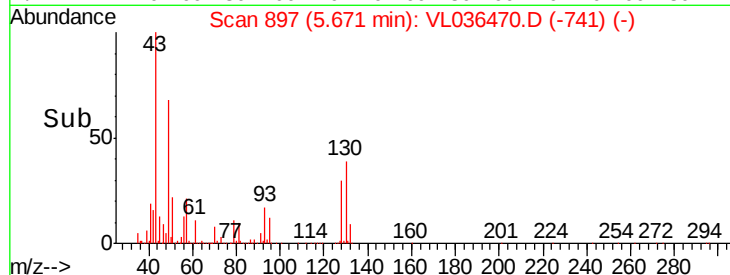
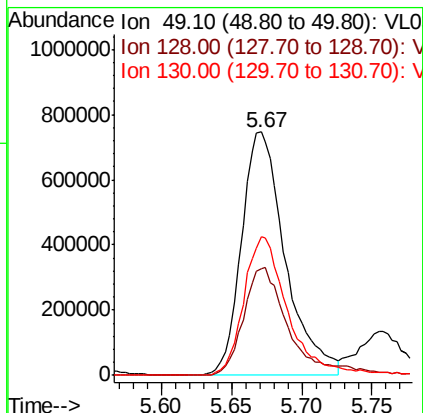
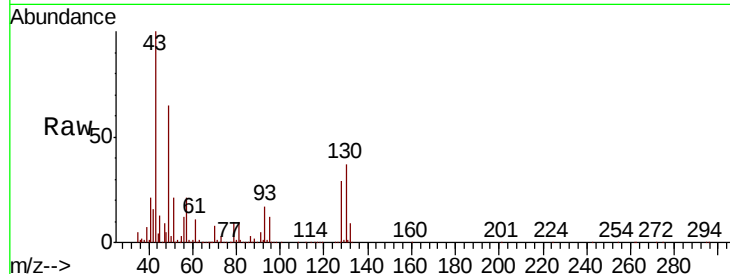
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5773083	10.036	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	1533519	12.359	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1892104	11.676	ppbv	100
47) 1,1,2-Trichloroethane	9.48	97	1387441	10.350	ppbv	100
48) Dibromochloromethane	10.31	129	2319151	11.395	ppbv	100
49) Bromoform	13.05	173	1904178	11.465	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	2815367	8.396	ppbv	100
51) 2-Hexanone	10.14	43	1567393	6.582	ppbv	100
52) Tetrachloroethene	11.23	164	1192130	10.075	ppbv	100
53) Toluene	9.81	91	3887028	11.356	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2017679	10.464	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	1547473	7.660	ppbv	97
57) Chlorobenzene	12.15	112	2786247	8.285	ppbv	100
58) Ethyl Benzene	12.72	91	5155245	8.893	ppbv	100
59) m/p-Xylene	13.00	91	4565637	8.960	ppbv #	39
60) o-Xylene	13.70	91	4082766	8.342	ppbv	100
61) Styrene	13.54	104	2467515	8.572	ppbv	100
62) Isopropylbenzene	14.67	105	5537234	7.641	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2872058	7.587	ppbv	100
64) n-propylbenzene	15.57	120	1424247	7.892	ppbv	100
65) tert-Butylbenzene	16.75	119	4764372	7.560	ppbv	100
66) Benzyl Chloride	17.00	91	617871	4.192	ppbv	100
67) sec-Butylbenzene	17.30	105	6644069	7.561	ppbv	100
69) p-Isopropyltoluene	17.66	119	5459729	7.764	ppbv	100
70) n-Butylbenzene	18.56	91	5625202	7.746	ppbv	100
71) 2-Chlorotoluene	15.46	91	4268965	7.861	ppbv	100
72) 4-Ethyltoluene	15.85	105	4733241	8.883	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	4336643	8.447	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	4396804	8.070	ppbv	100
75) 1,3-Dichlorobenzene	17.00	146	2527647	8.291	ppbv	100
76) 1,4-Dichlorobenzene	17.15	146	2467478	8.109	ppbv	100
77) 1,2-Dichlorobenzene	17.83	146	2376153	8.013	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1869750	7.769	ppbv	100
79) Naphthalene	22.20	128	3295206	10.157	ppbv	100
80) Naphthalene, 2-methyl-	24.98	142	872116	12.632	ppbv	99
81) 1,2,4-Trichlorobenzene	21.94	180	1823353	9.617	ppbv	98

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



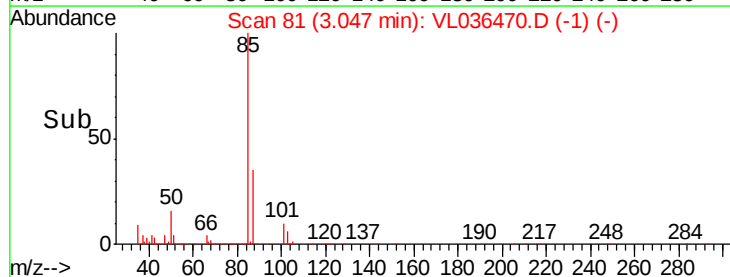
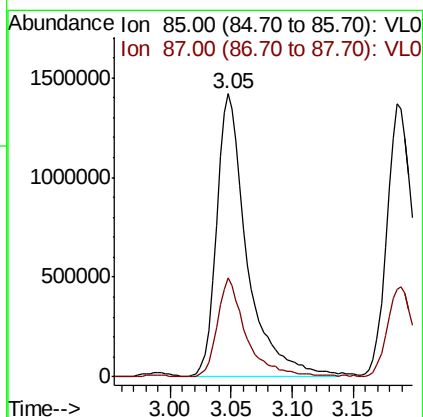
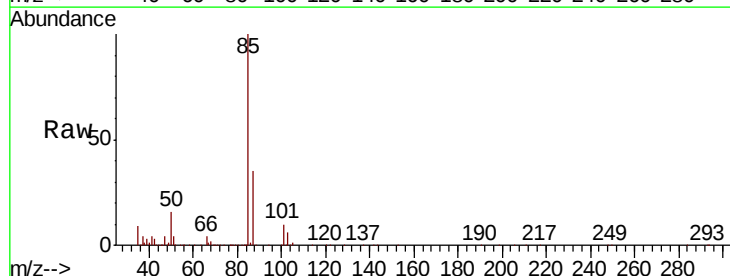
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 2:01

Tot Ion: 49 Resp: 1615984
 Ion Ratio Lower Upper
 49 100
 128 47.1 23.6 70.8
 130 58.3 29.3 87.8



#2
 Dichlorodifluoromethane
 Concen: 10.564 ppbv
 RT: 3.05 min Scan# 81
 Delta R.T.: 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion: 85 Resp: 2466477
 Ion Ratio Lower Upper
 85 100
 87 34.8 27.8 41.8





#3

Chlorodifluoromethane

Concen: 12.905 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

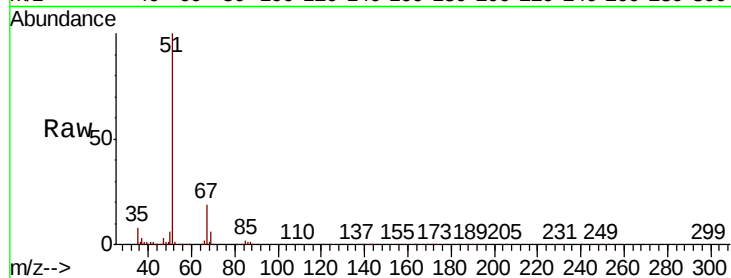
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Tot Ion: 51 Resp: 2721525

Ion Ratio Lower Upper

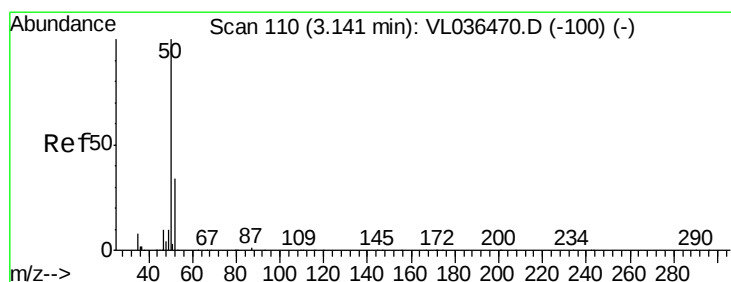
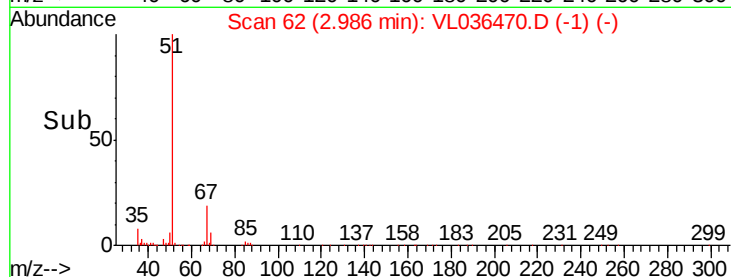
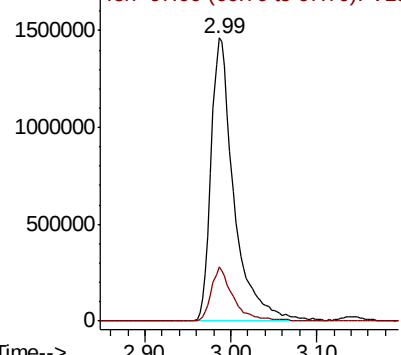
51 100

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



#4

Chloromethane

Concen: 10.691 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL036470.D

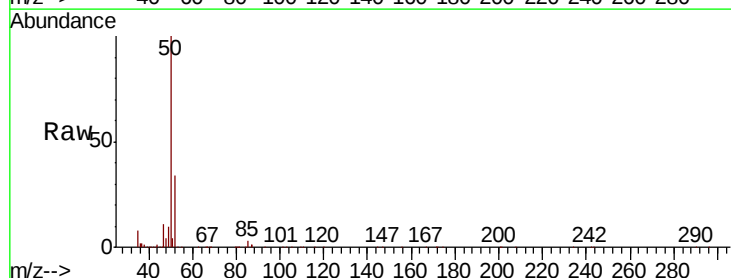
Acq: 25 Mar 2021 2:01

Tgt Ion: 50 Resp: 997303

Ion Ratio Lower Upper

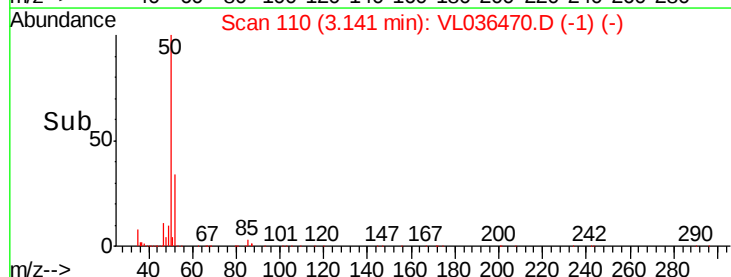
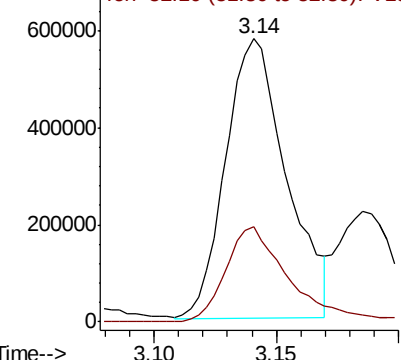
50 100

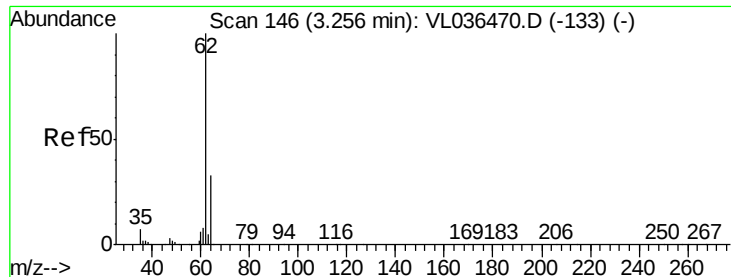
52 33.8 27.0 40.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 11.527 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

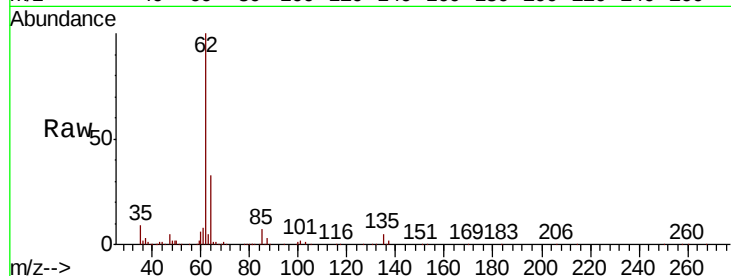
Acq: 25 Mar 2021 2:01

Tot Ion: 62 Resp: 1017231

Ion Ratio Lower Upper

62 100

64 33.0 26.4 39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.26

600000

500000

400000

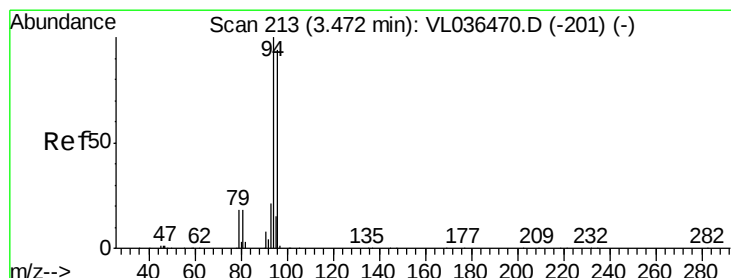
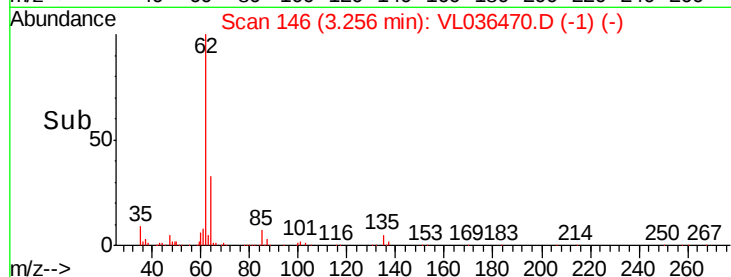
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 10.390 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL036470.D

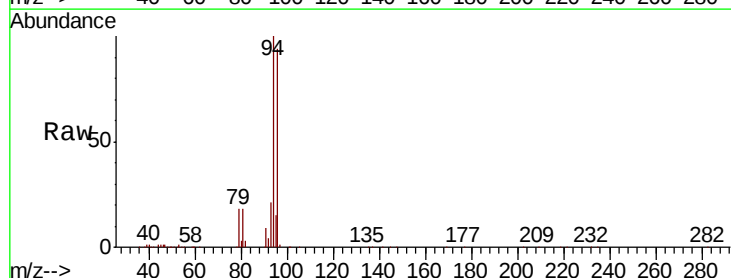
Acq: 25 Mar 2021 2:01

Tgt Ion: 94 Resp: 568454

Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

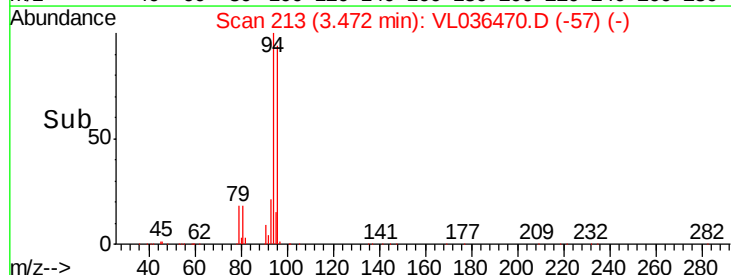
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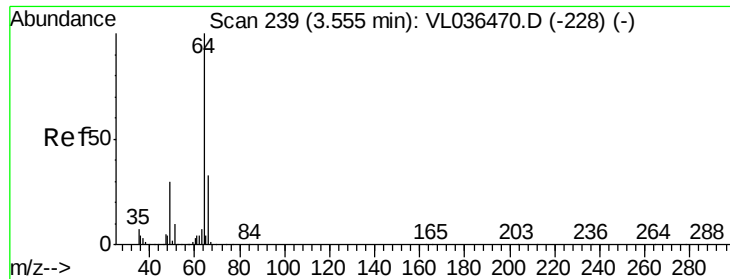
200000

100000

0

Time-->





#7

Chloroethane

Concen: 10.301 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

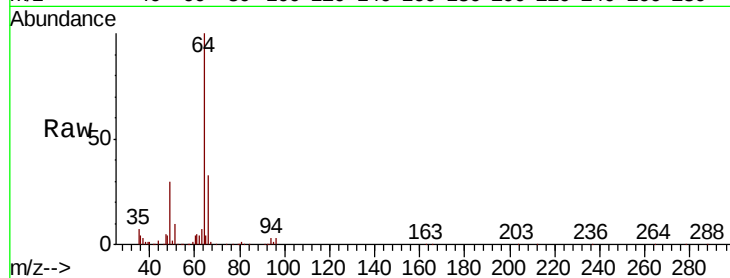
Acq: 25 Mar 2021 2:01

Tot Ion: 64 Resp: 339527

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

200000

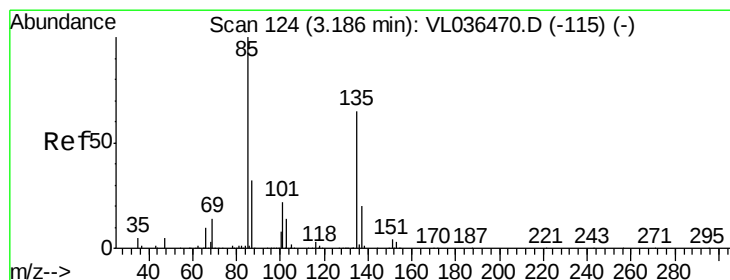
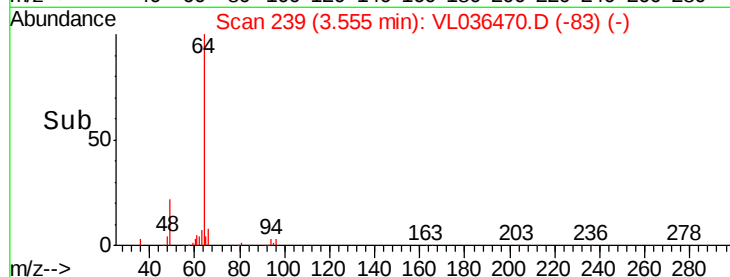
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 10.291 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL036470.D

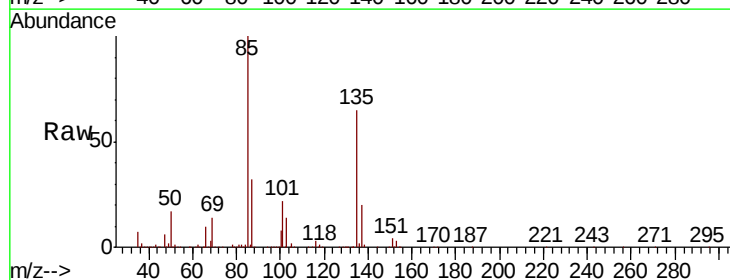
Acq: 25 Mar 2021 2:01

Tgt Ion: 85 Resp: 2324879

Ion Ratio Lower Upper

85 100

135 67.9 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.19

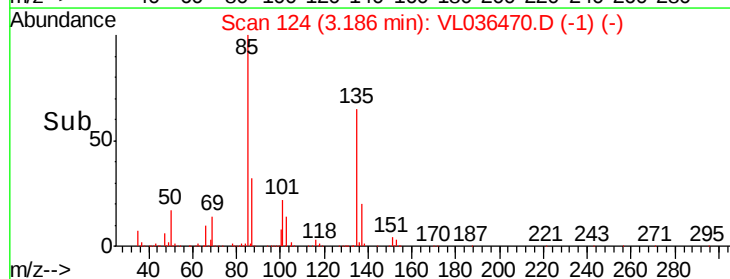
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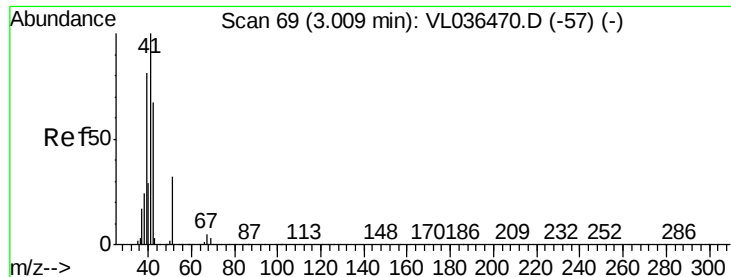
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Time-->





#9

Propene

Concen: 10.767 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

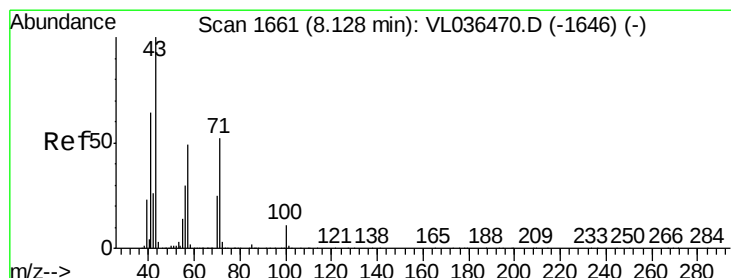
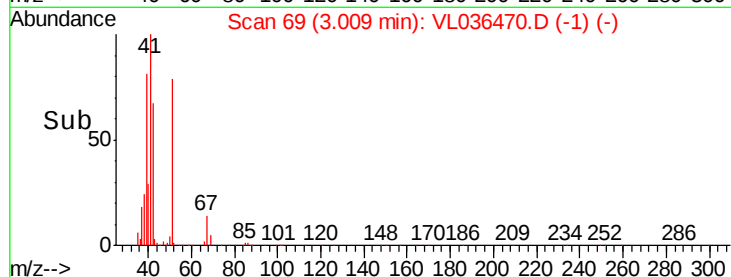
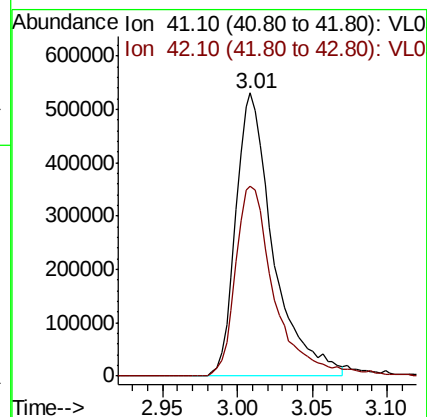
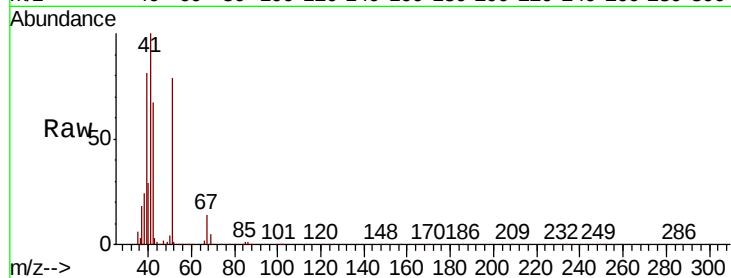
Acq: 25 Mar 2021 2:01

Tot Ion: 41 Resp: 924400

Ion Ratio Lower Upper

41 100

42 71.2 57.0 85.4



#10

Heptane

Concen: 11.250 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL036470.D

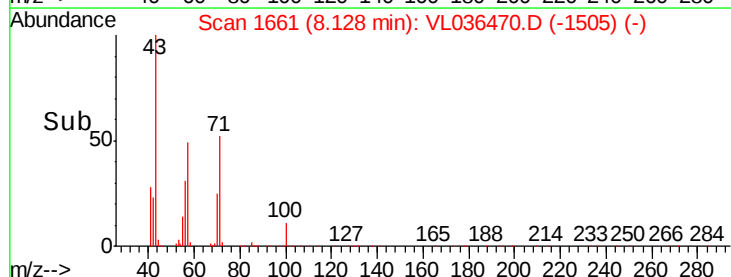
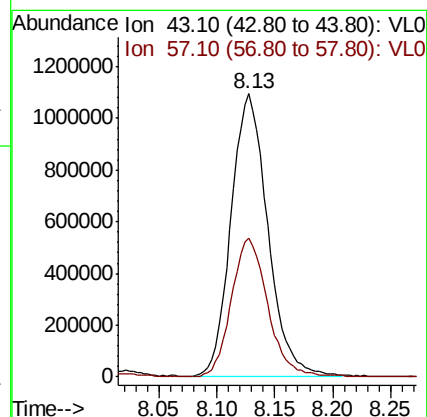
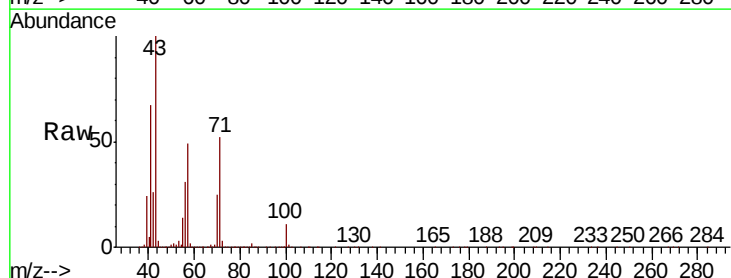
Acq: 25 Mar 2021 2:01

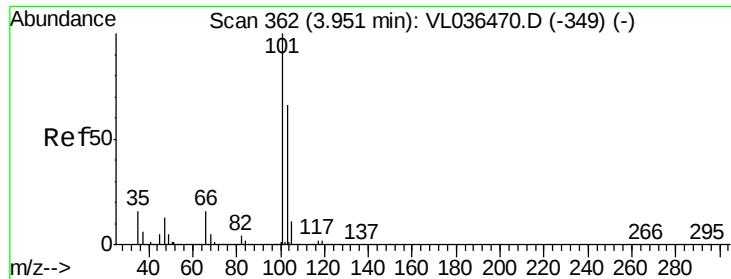
Tgt Ion: 43 Resp: 2386899

Ion Ratio Lower Upper

43 100

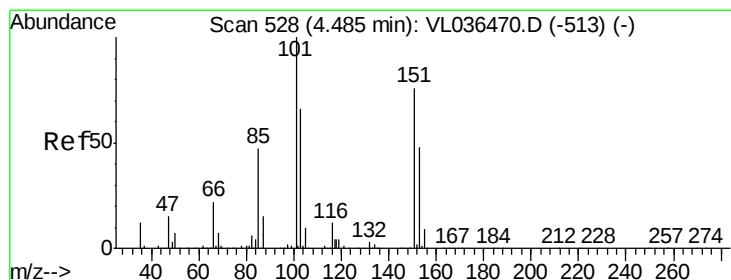
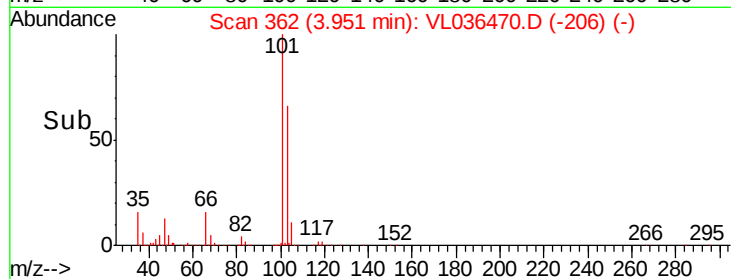
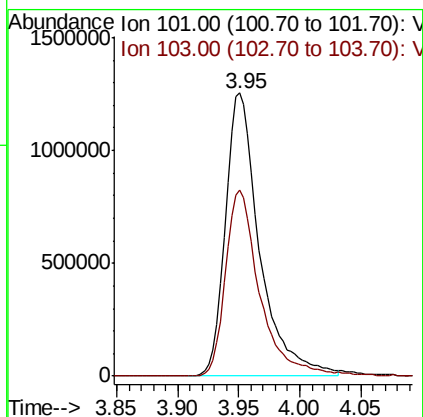
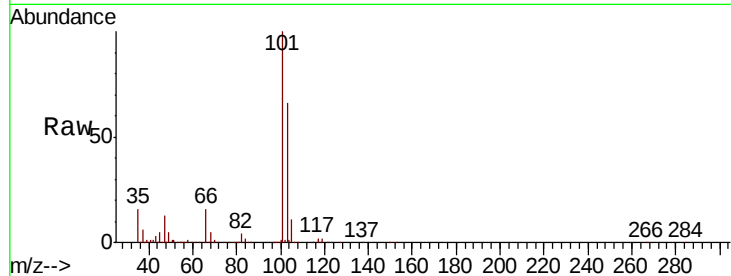
57 48.8 39.4 59.0





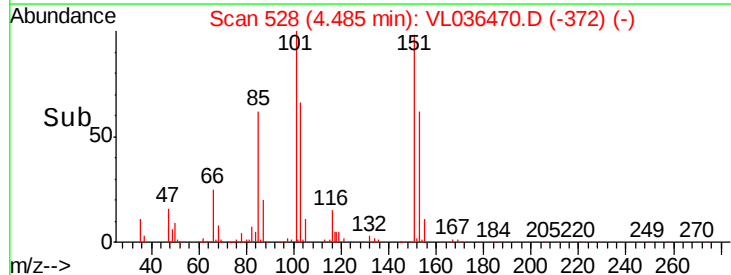
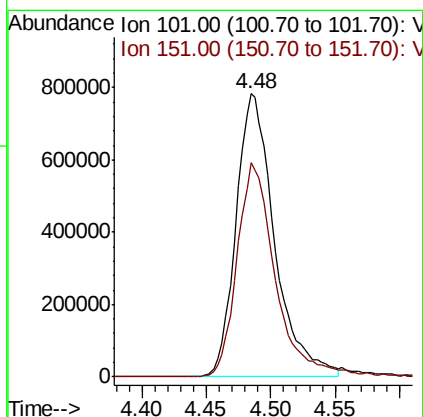
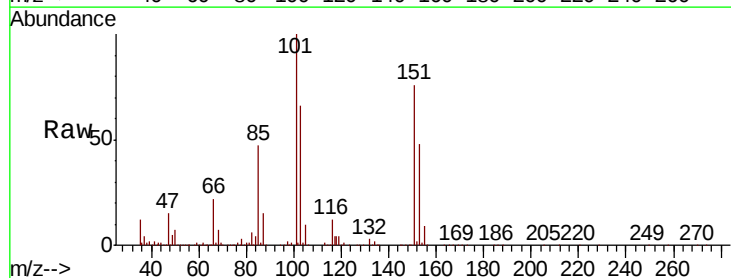
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 Trichlorofluoromethane
 Concen: 10.414 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 2:01

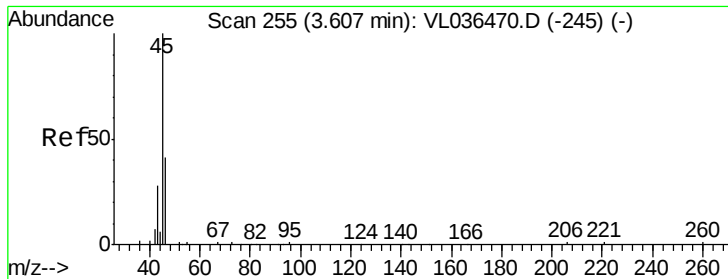
Tot Ion:101 Resp: 2469465
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.705 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T.: 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

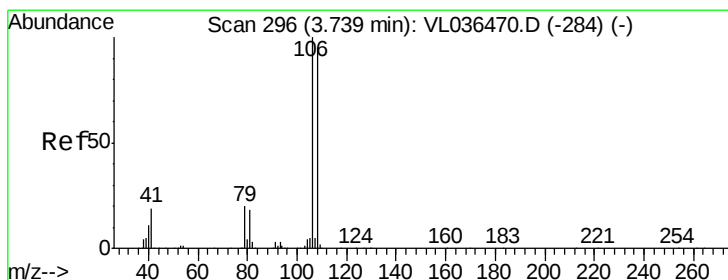
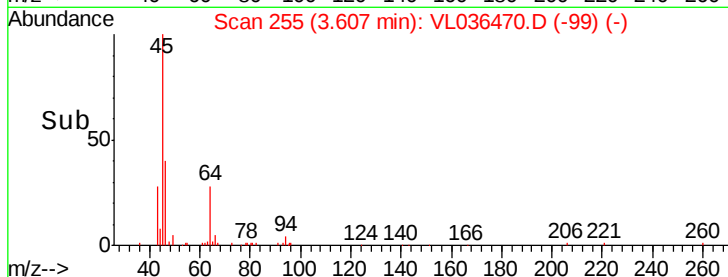
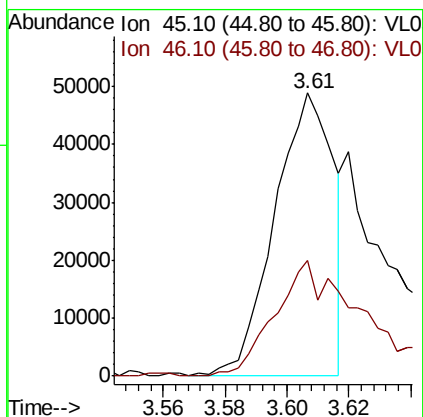
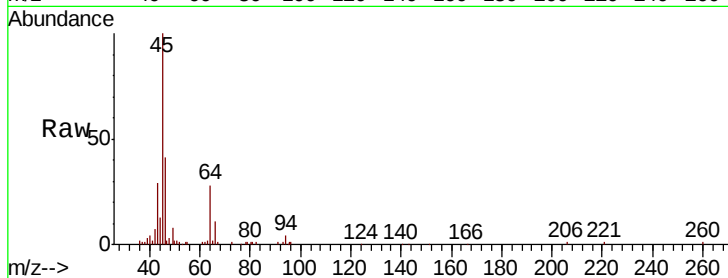
Tgt Ion:101 Resp: 1629334
 Ion Ratio Lower Upper
 101 100
 151 76.1 60.9 91.3





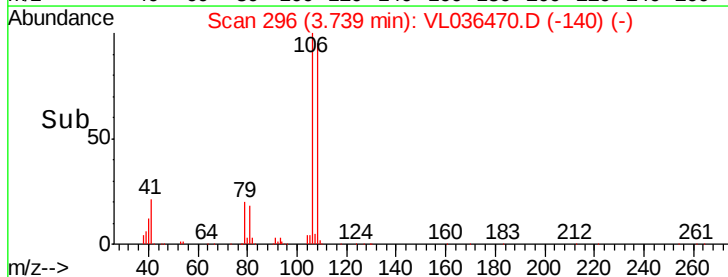
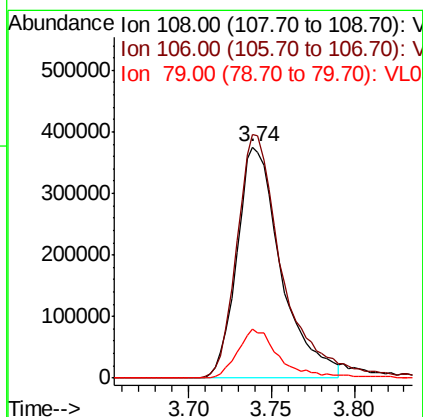
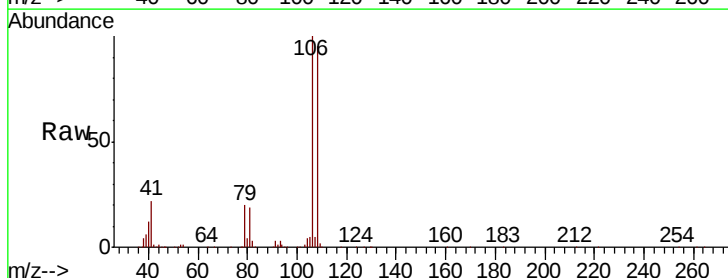
#13
Ethanol
Concen: 5.198 ppbv
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 2:01

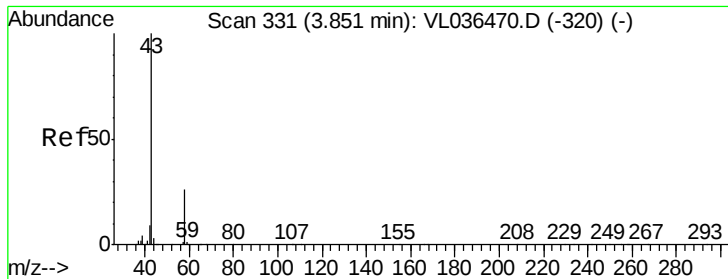
Tot Ion: 45 Resp: 64008
Ion Ratio Lower Upper
45 100
46 72.9 16.6 66.4#



#14
Bromoethene
Concen: 10.993 ppbv
RT: 3.74 min Scan# 296
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 108 Resp: 693227
Ion Ratio Lower Upper
108 100
106 111.3 89.0 133.4
79 20.8 16.8 25.2





#15

Acetone

Concen: 7.695 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

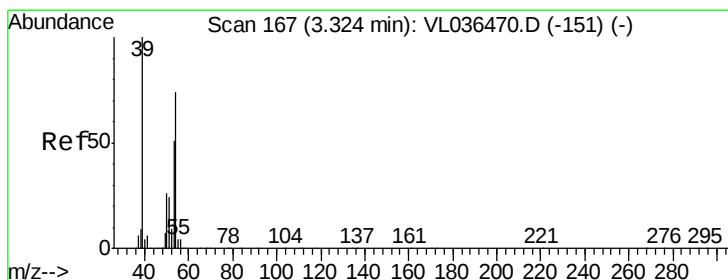
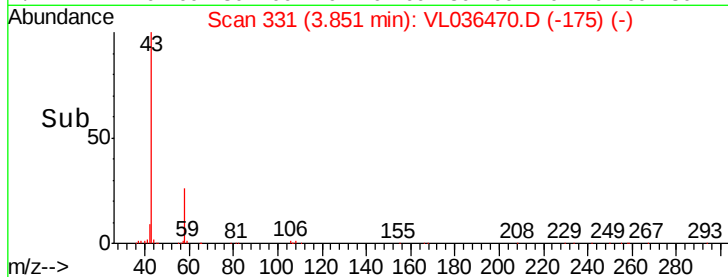
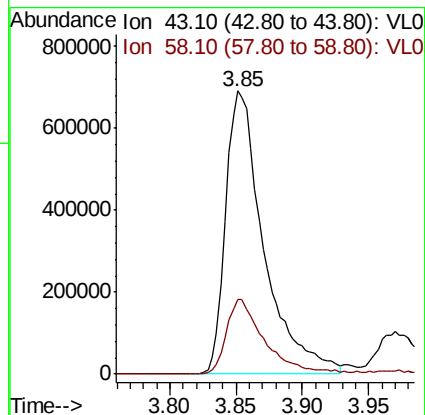
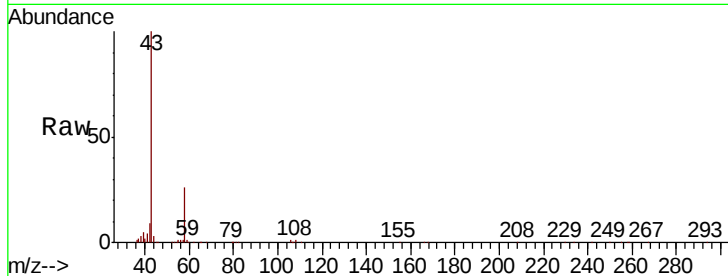
Acq: 25 Mar 2021 2:01

Tot Ion: 43 Resp: 1387297

Ion Ratio Lower Upper

43 100

58 26.5 21.1 31.7



#16

1,3-Butadiene

Concen: 11.314 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL036470.D

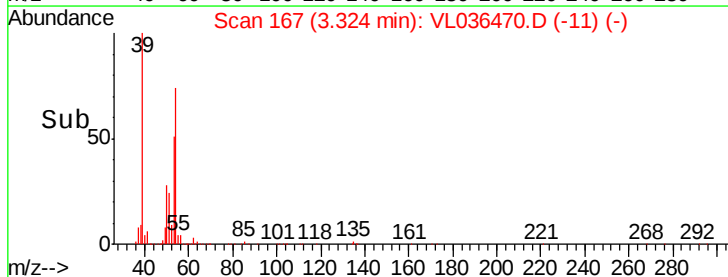
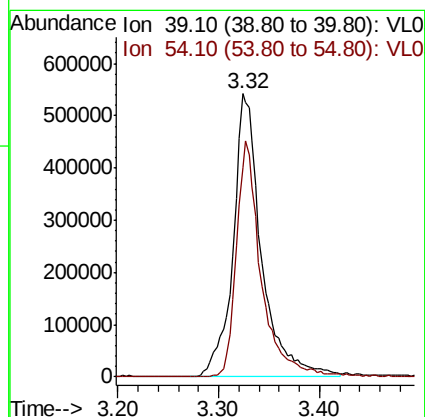
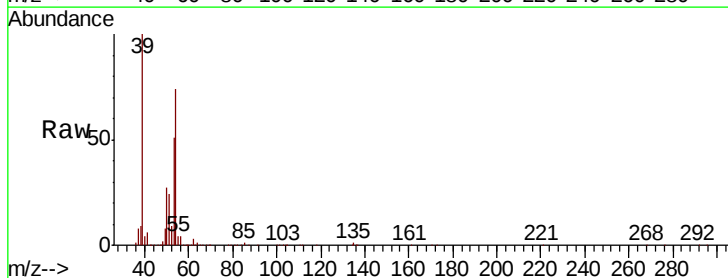
Acq: 25 Mar 2021 2:01

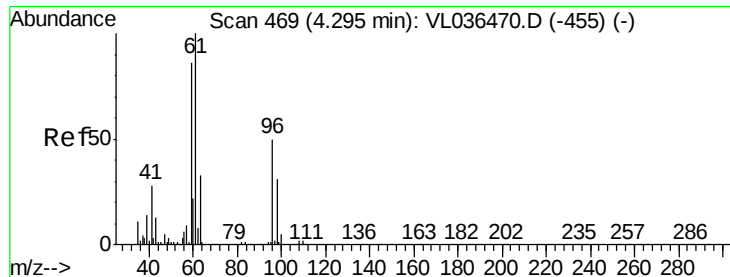
Tgt Ion: 39 Resp: 1057270

Ion Ratio Lower Upper

39 100

54 73.5 59.0 88.4





#17

tert-Butyl alcohol

Concen: 9.223 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

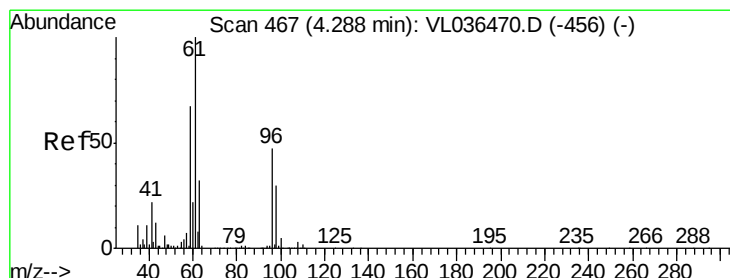
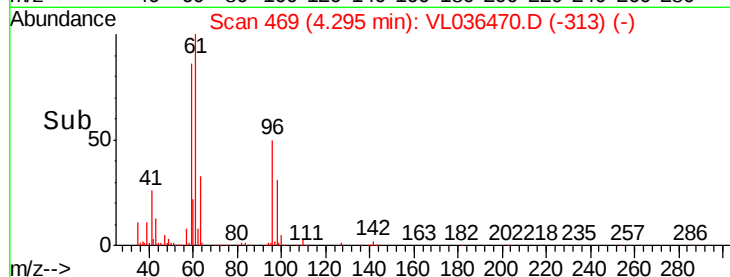
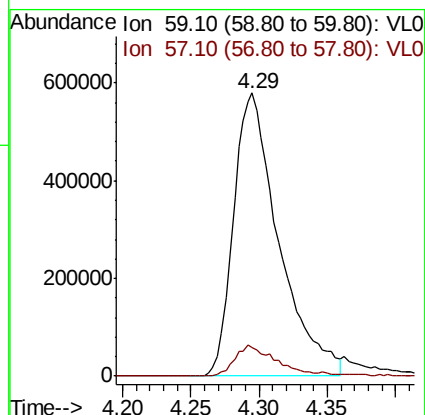
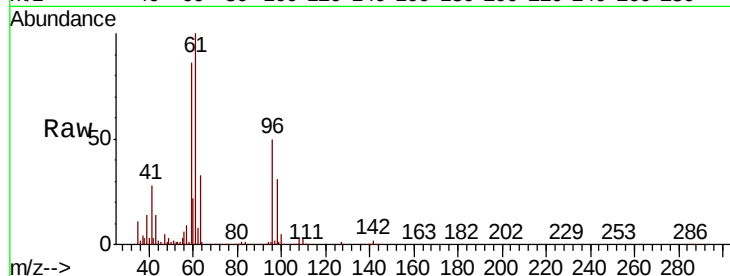
Acq: 25 Mar 2021 2:01

Tot Ion: 59 Resp: 1331616

Ion Ratio Lower Upper

59 100

57 10.7 8.8 13.2



#18

1,1-Dichloroethene

Concen: 10.663 ppbv

RT: 4.29 min Scan# 467

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

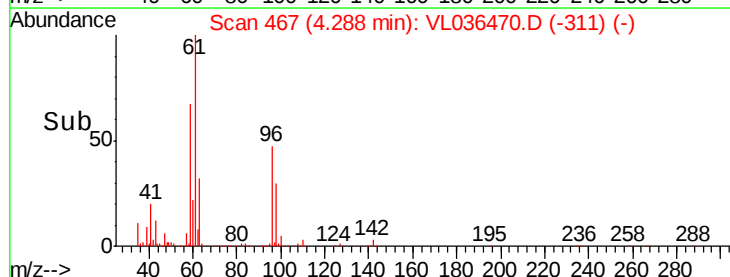
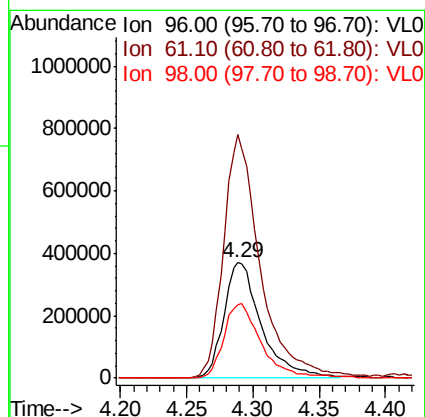
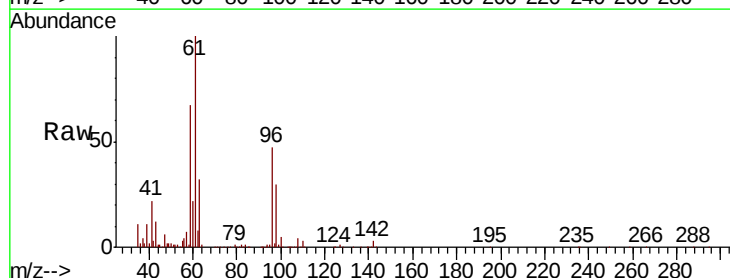
Tgt Ion: 96 Resp: 725405

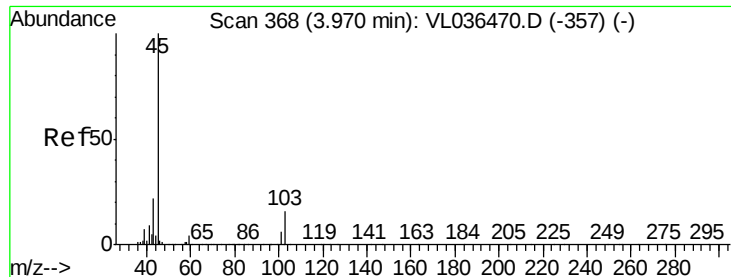
Ion Ratio Lower Upper

96 100

61 210.8 168.6 253.0

98 63.5 50.8 76.2





#19

Isopropyl Alcohol

Concen: 8.274 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

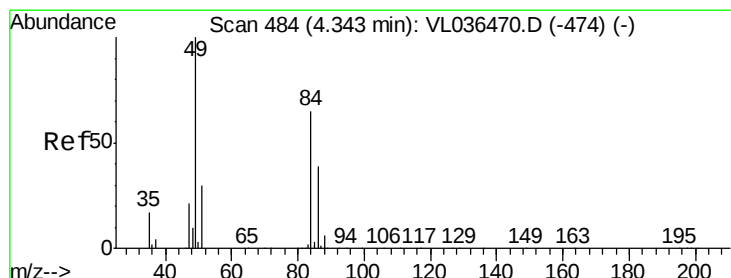
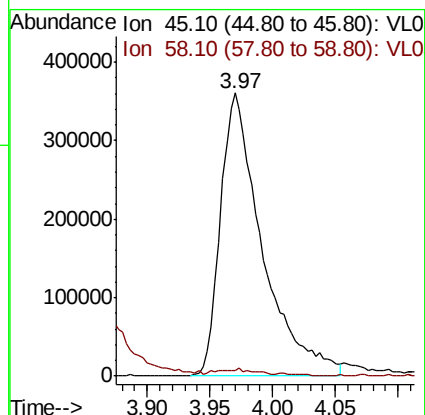
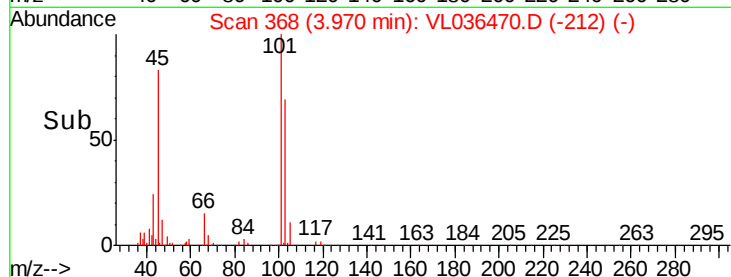
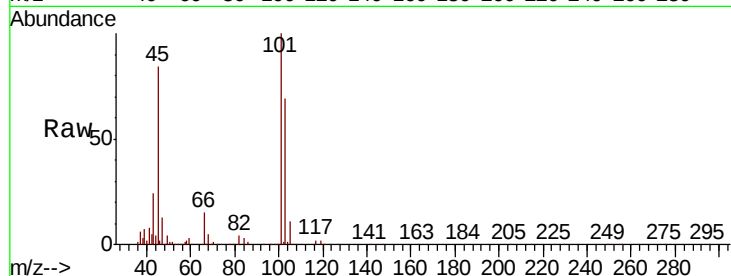
Acq: 25 Mar 2021 2:01

Tot Ion: 45 Resp: 832606

Ion Ratio Lower Upper

45 100

58 3.6 2.3 3.5#



#20

Methylene Chloride

Concen: 9.922 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

Tgt Ion: 84 Resp: 643495

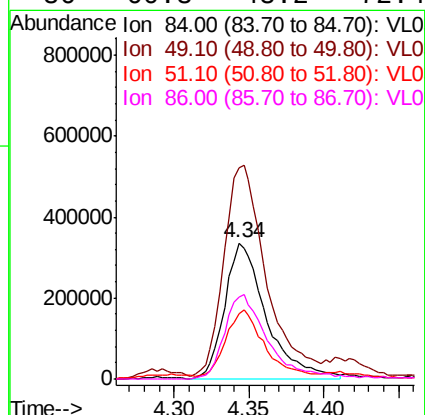
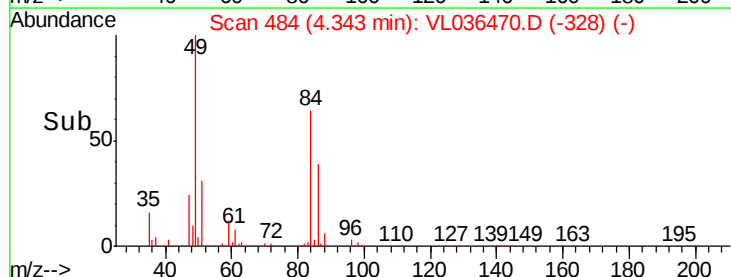
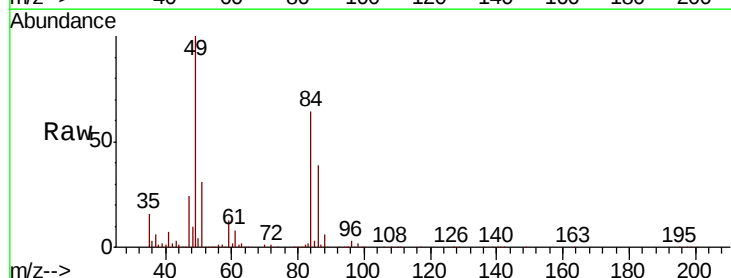
Ion Ratio Lower Upper

84 100

49 153.6 122.9 184.3

51 46.1 36.9 55.3

86 60.3 48.2 72.4





#21

Allvl Chloride

Concen: 11.507 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:01

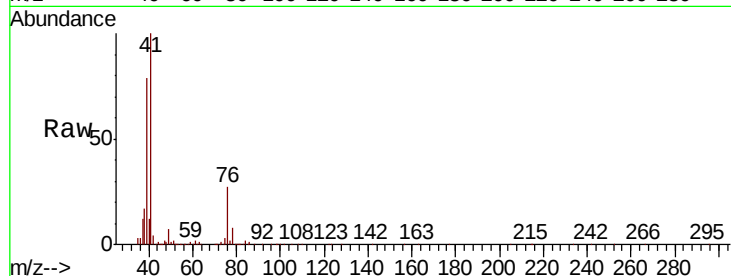
Tot Ion: 41 Resp: 1251329

Ion Ratio Lower Upper

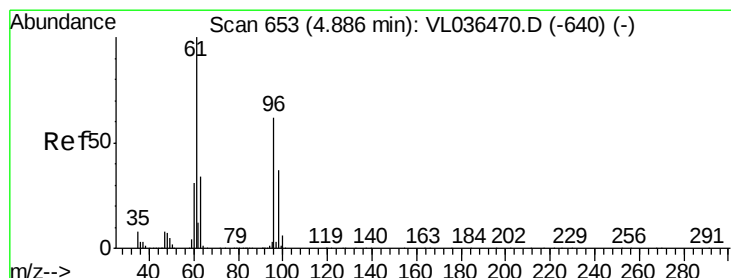
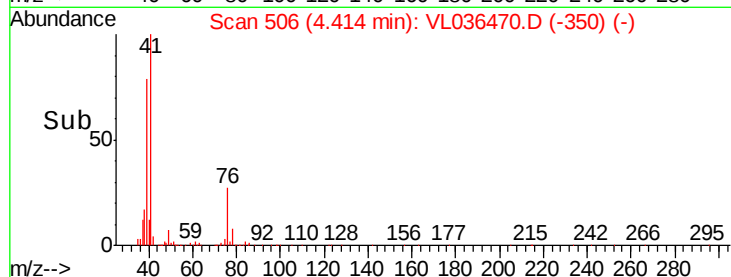
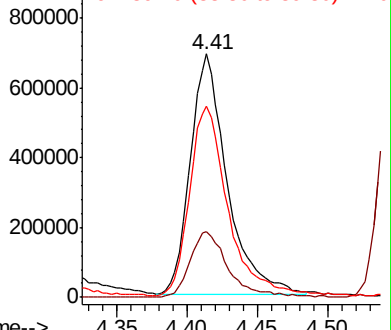
41 100

76 28.6 22.9 34.3

39 84.1 69.4 104.0



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



#22

trans-1,2-Dichloroethene

Concen: 11.211 ppbv

RT: 4.89 min Scan# 653

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

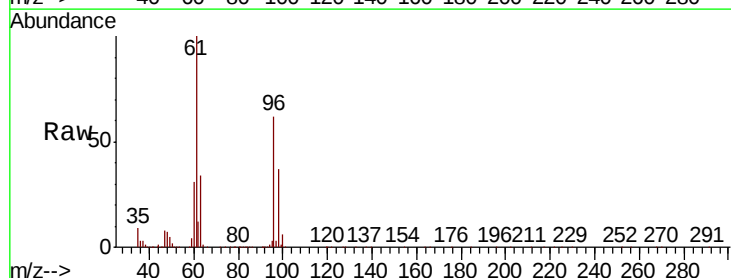
Tgt Ion: 96 Resp: 695045

Ion Ratio Lower Upper

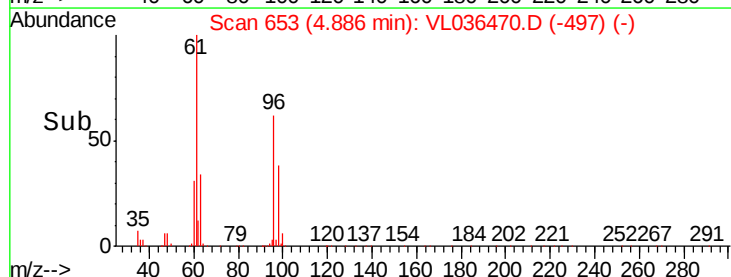
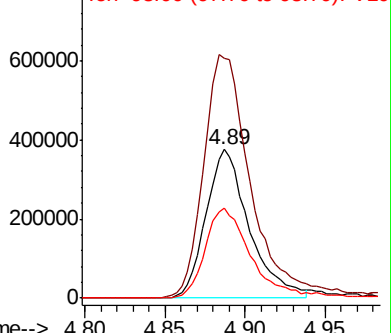
96 100

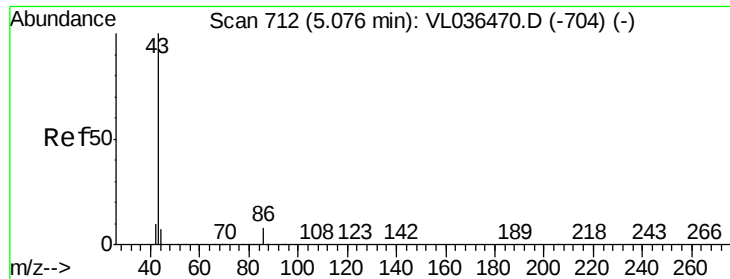
61 161.7 129.4 194.0

98 60.3 48.2 72.4



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





#23

Vinyl Acetate

Concen: 12.284 ppbv

RT: 5.08 Instrument:

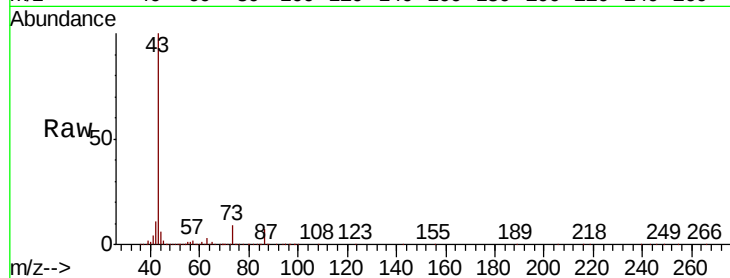
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

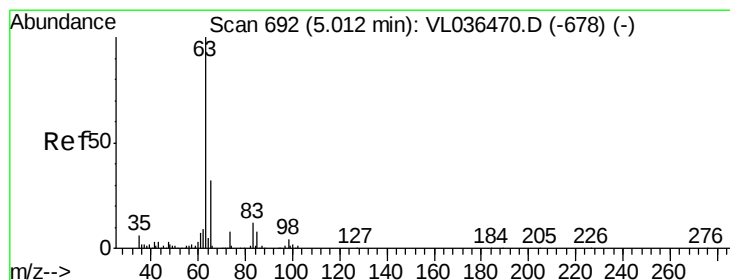
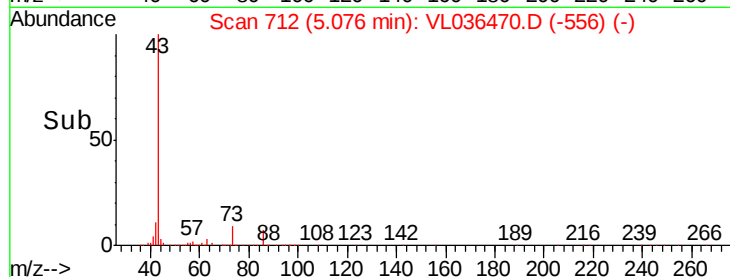
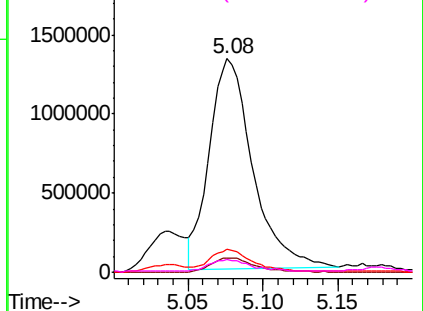
Acq: 25 Mar 2021 2:01

Tot Ion: 43 Resp: 2695560

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.4	8.0
42	10.6	8.5	12.7
44	5.8	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: 11.101 ppbv

RT: 5.01 min Scan# 692

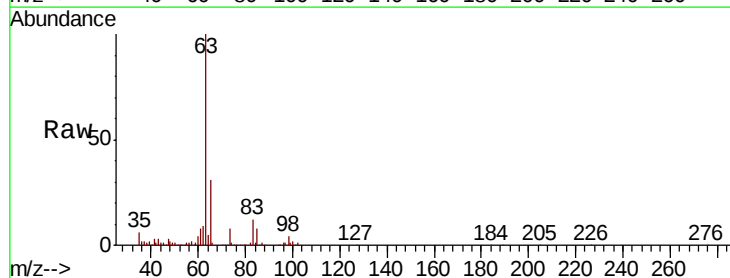
Delta R.T. 0.00 min

Lab File: VL036470.D

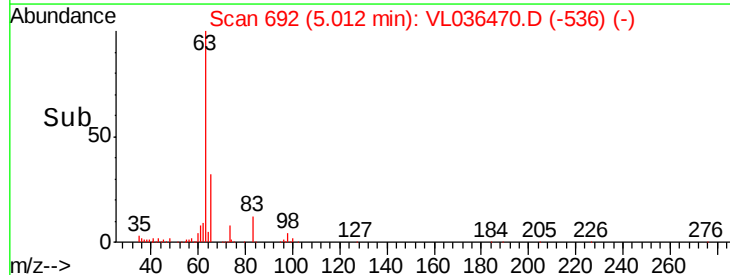
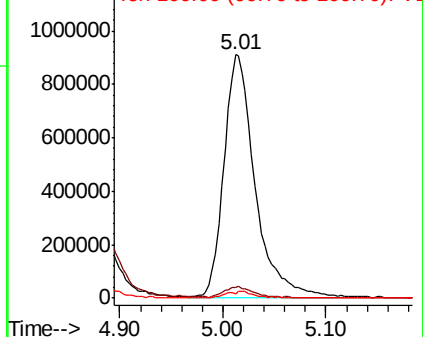
Acq: 25 Mar 2021 2:01

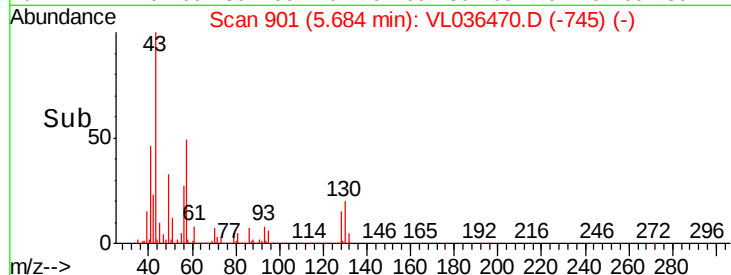
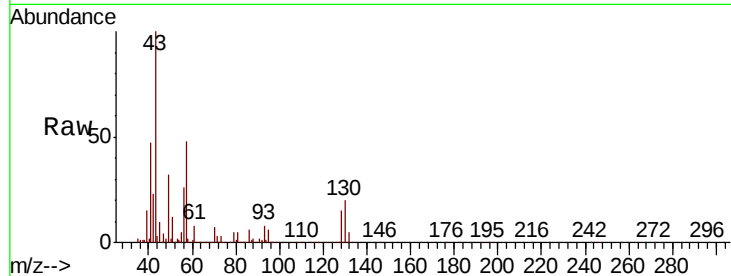
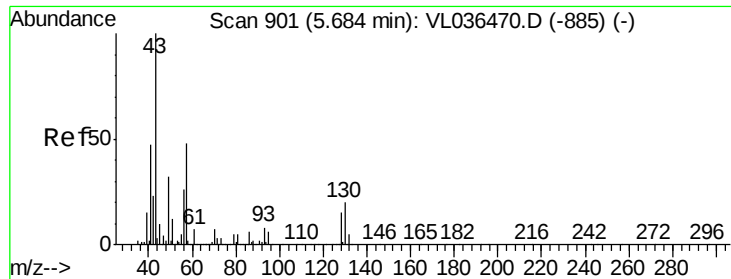
Tgt Ion: 63 Resp: 1898759

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.2
100	1.9	0.9	2.8



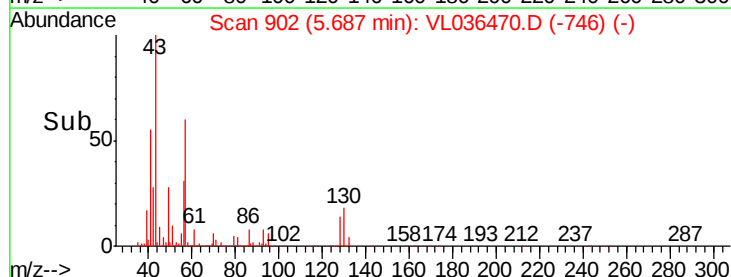
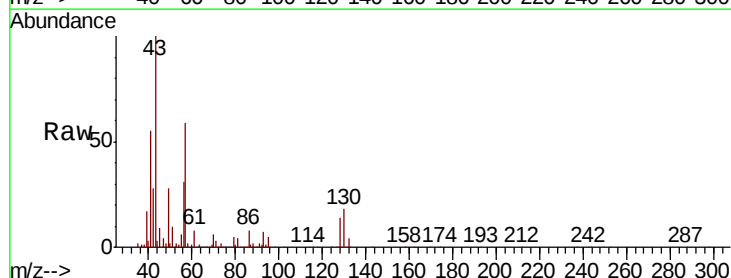
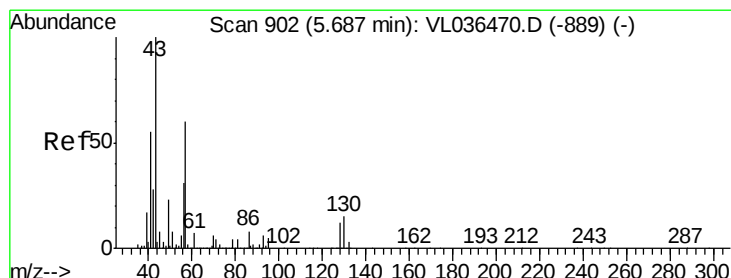
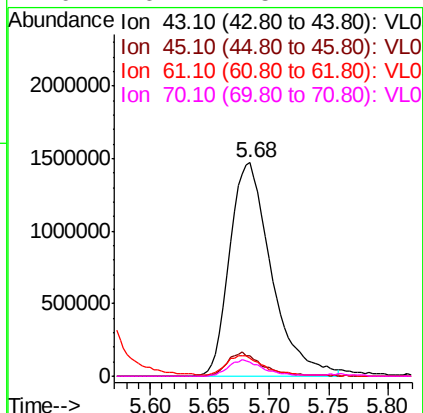
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0
 Ion 100.00 (99.70 to 100.70): VL0





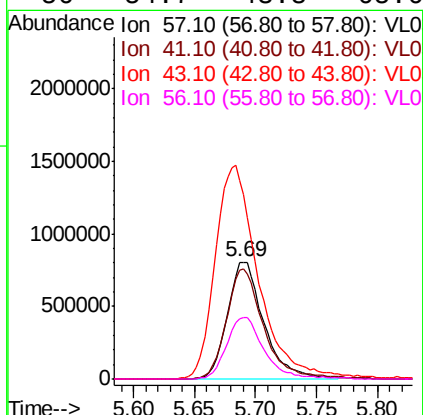
#25
Ethyl Acetate
Concen: 9.892 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:01

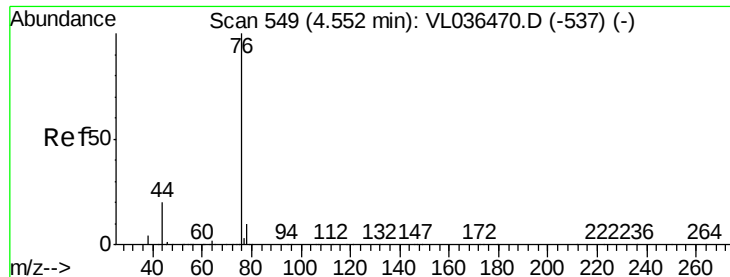
Tot Ion:	43	Resp:	3573030
Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.9	11.9
61	9.3	7.4	11.2
70	6.4	5.1	7.7



#26
Hexane
Concen: 11.022 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion:	57	Resp:	1681018
Ion	Ratio	Lower	Upper
57	100		
41	96.5	77.3	115.9
43	217.2	174.8	262.2
56	54.7	43.8	65.6





#27

Carbon Disulfide

Concen: 11.746 ppbv

RT: 4.55 Instrument:

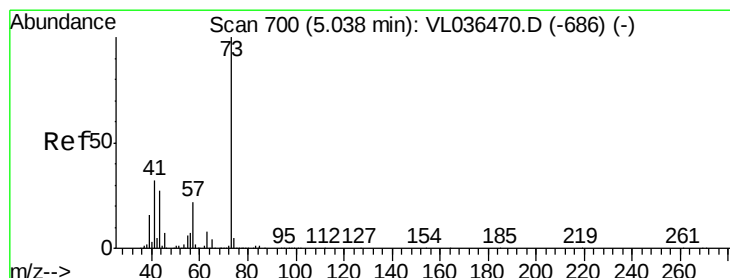
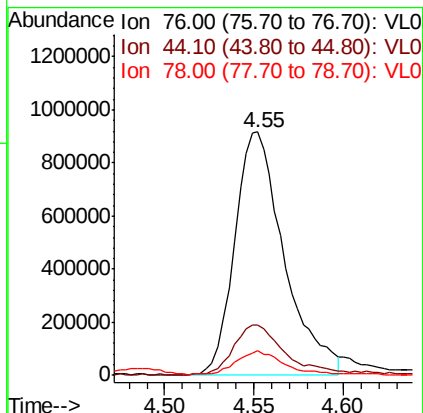
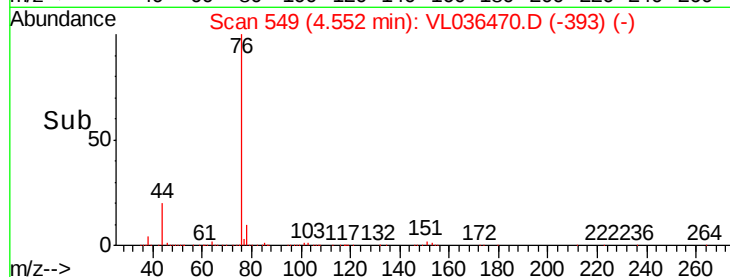
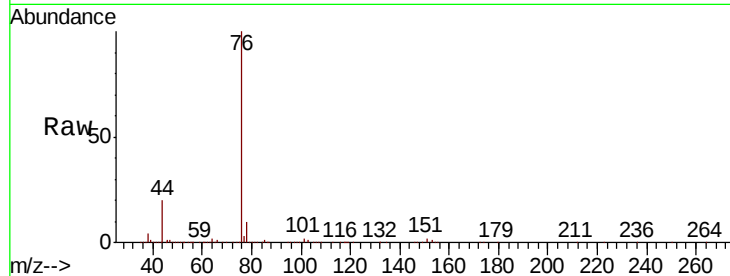
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:01

Tot Ion: 76 Resp: 1764015

Ion	Ratio	Lower	Upper
76	100		
44	21.9	17.5	26.3
78	10.8	8.6	13.0



#28

Methyl tert-Butyl Ether

Concen: 10.285 ppbv

RT: 5.04 min Scan# 700

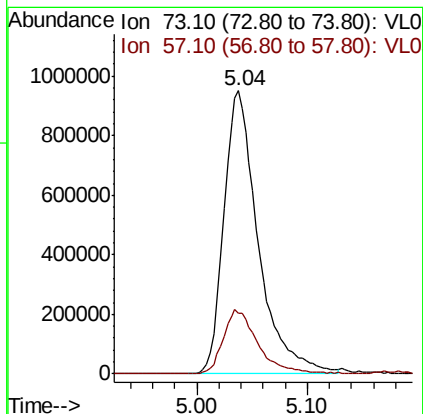
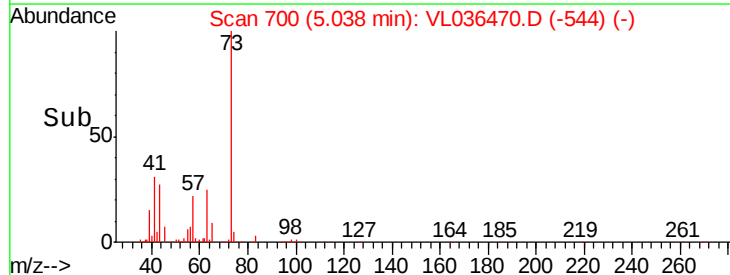
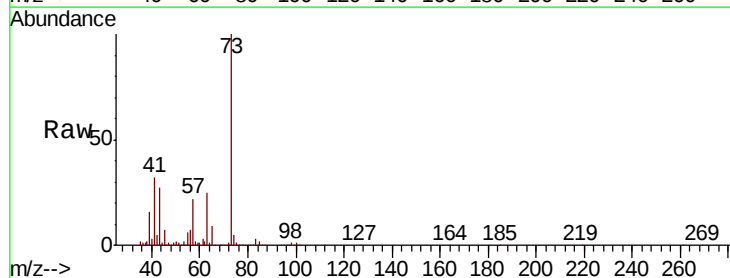
Delta R.T. 0.00 min

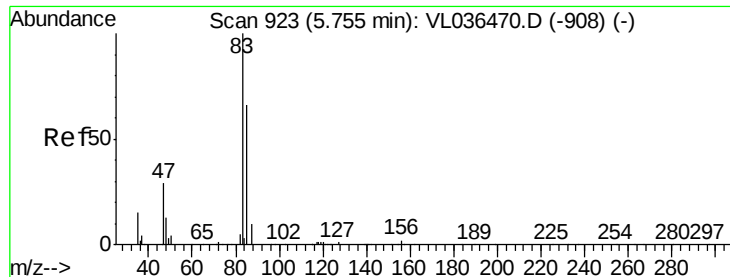
Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

Tgt Ion: 73 Resp: 2051659

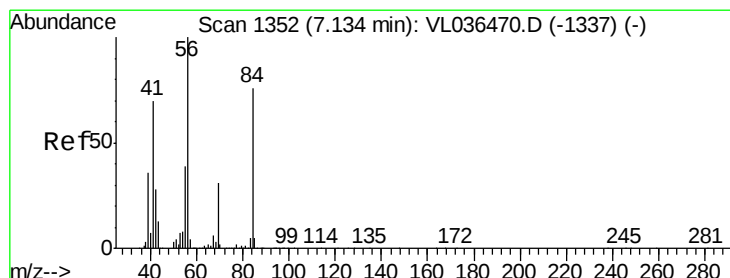
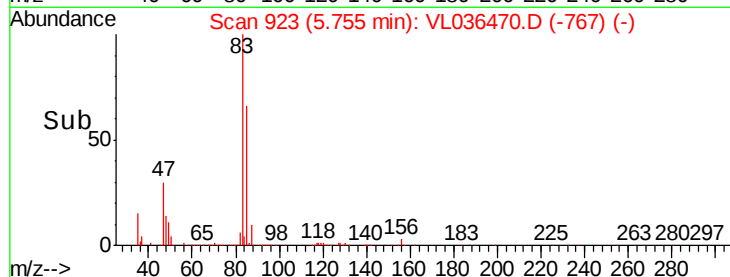
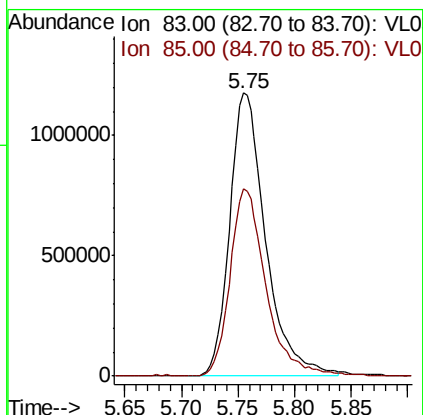
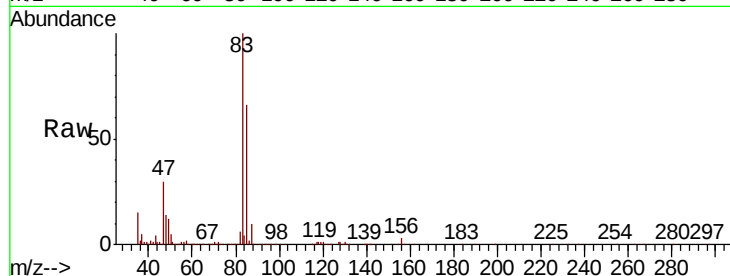
Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.6	27.8





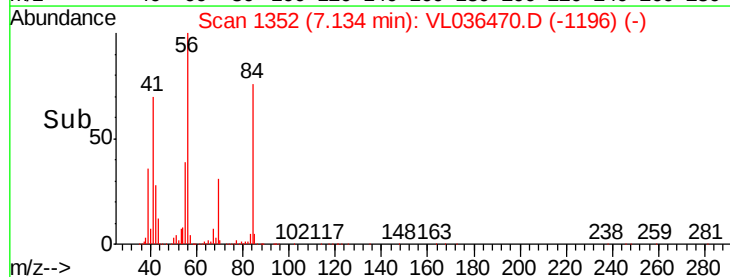
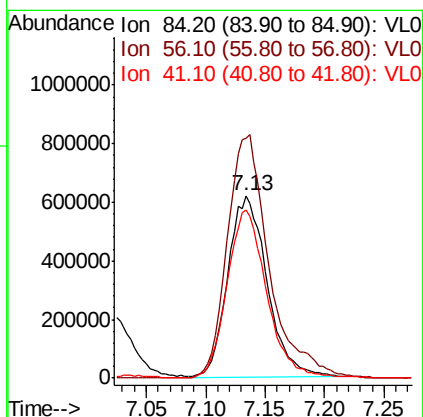
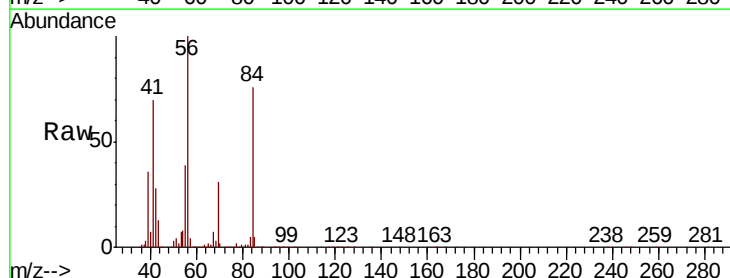
#29
Chloroform
Concen: 10.523 ppbv
RT: 5.75 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 2:01

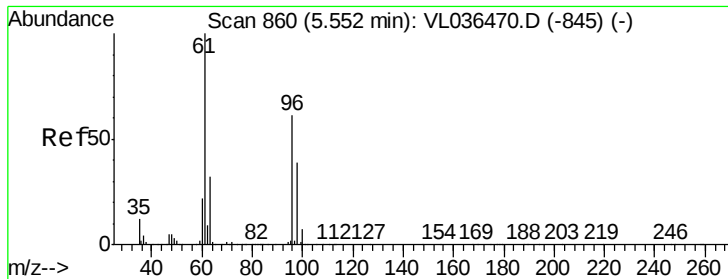
Tot Ion: 83 Resp: 2603041
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8



#30
Cyclohexane
Concen: 11.249 ppbv
RT: 7.13 min Scan# 1352
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 84 Resp: 1418743
Ion Ratio Lower Upper
84 100
56 143.2 114.6 171.8
41 94.1 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 11.513 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:01

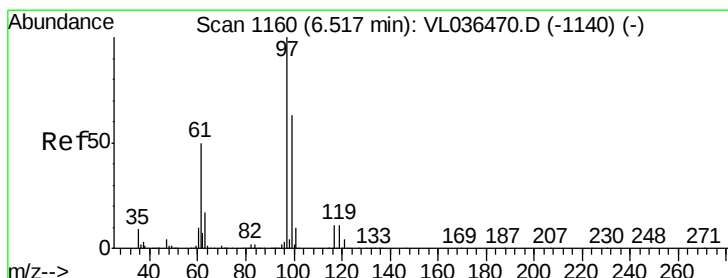
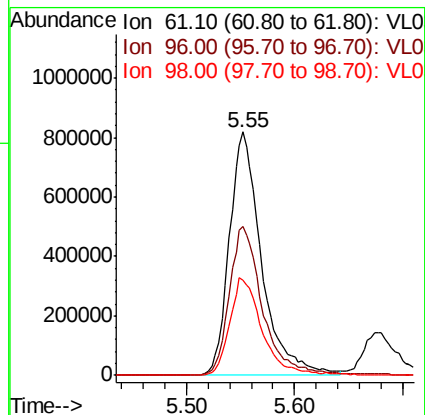
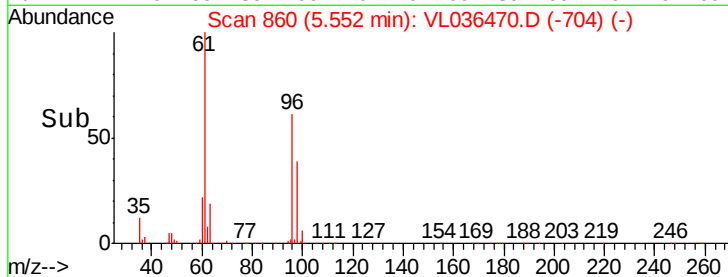
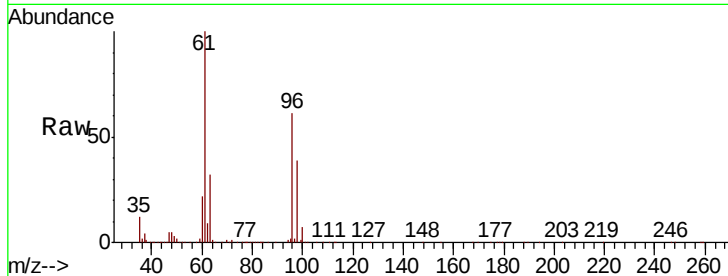
Tot Ion: 61 Resp: 1700580

Ion Ratio Lower Upper

61 100

96 60.9 48.7 73.1

98 39.2 31.4 47.0



#32

1,1,1-Trichloroethane

Concen: 10.680 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

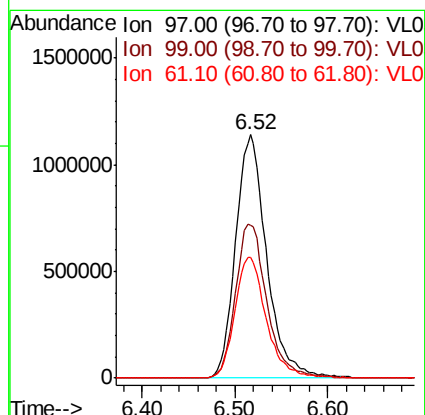
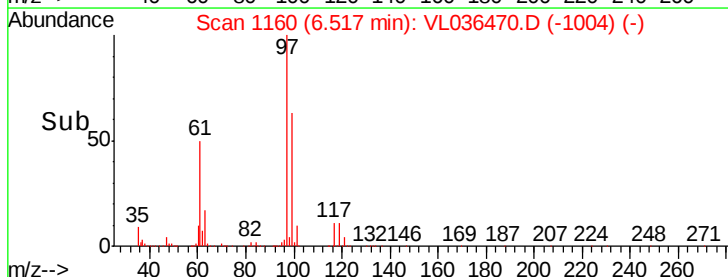
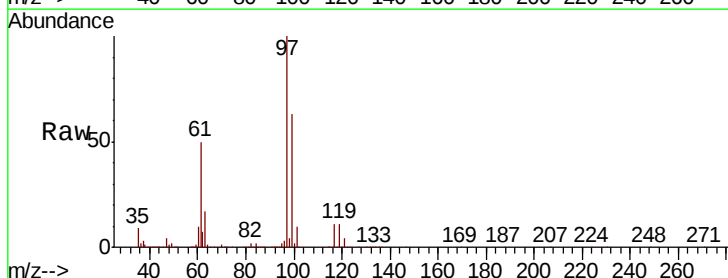
Tgt Ion: 97 Resp: 2646801

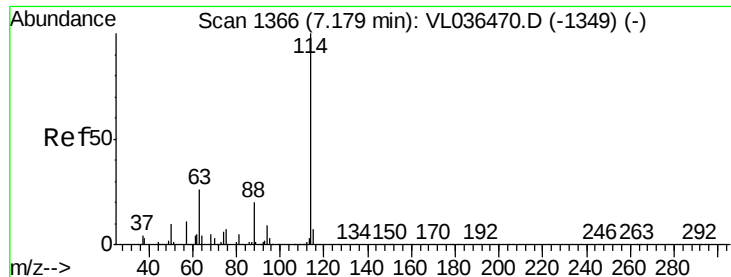
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

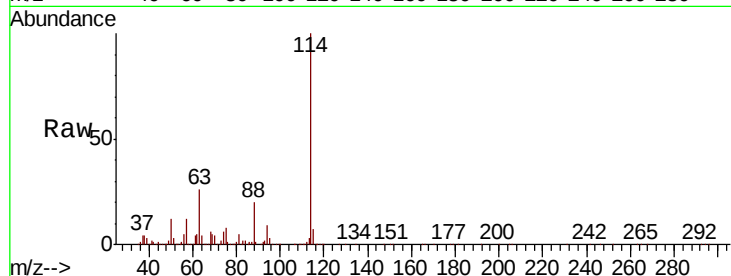
61 50.7 40.6 60.8



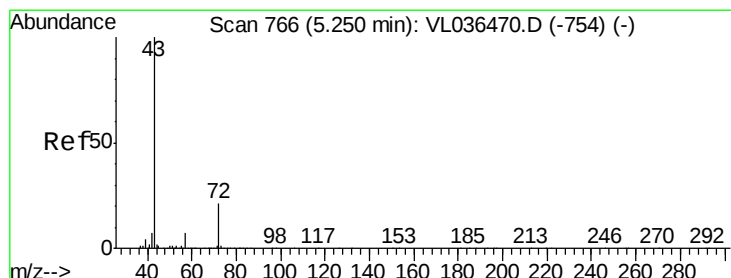
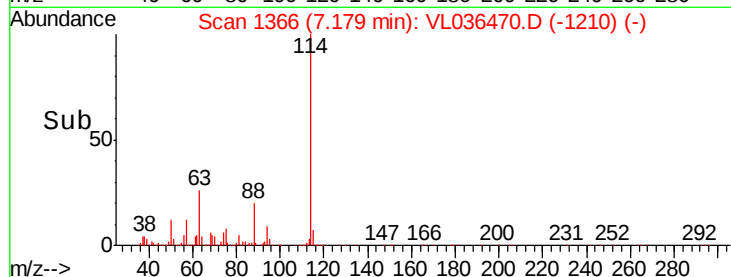
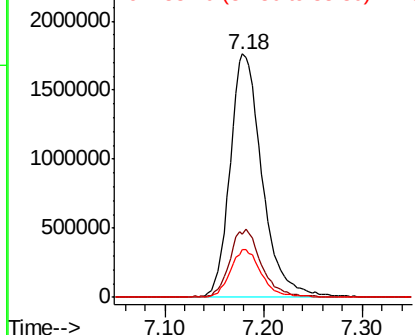


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 2:01

Tot Ion: 114 Resp: 3985552
 Ion Ratio Lower Upper
 114 100
 63 28.0 22.4 33.6
 88 19.2 15.4 23.0

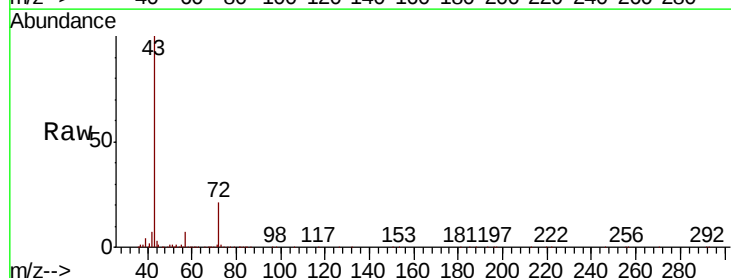


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

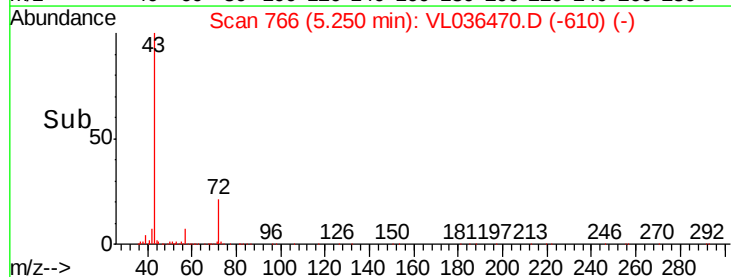
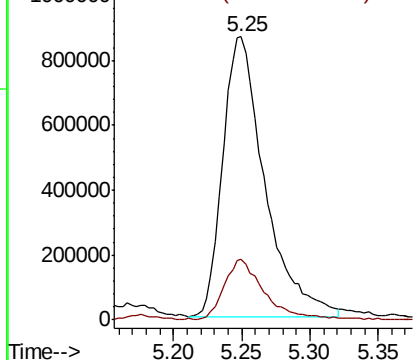


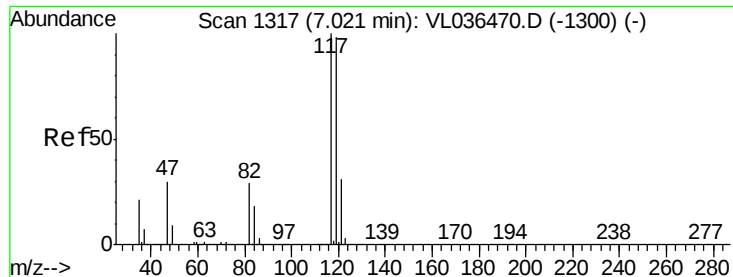
#34
 2-Butanone
 Concen: 7.923 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T.: 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion: 43 Resp: 1844093
 Ion Ratio Lower Upper
 43 100
 72 21.3 17.0 25.6



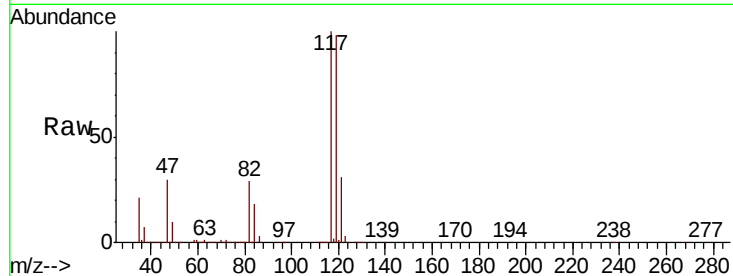
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



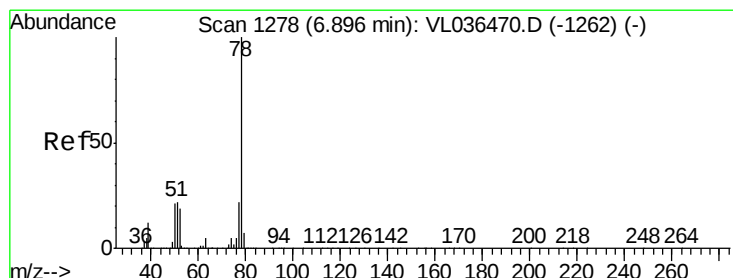
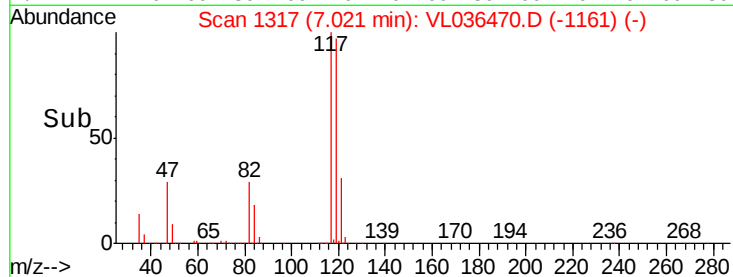
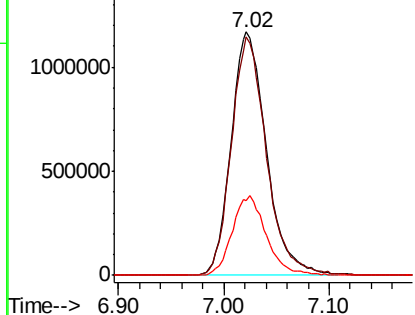


#35
Carbon Tetrachloride
Concen: 10.353 ppbv
RT: 7.02 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 2:01

Tot Ion: 117 Resp: 2714820
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.2
121 30.6 24.5 36.7

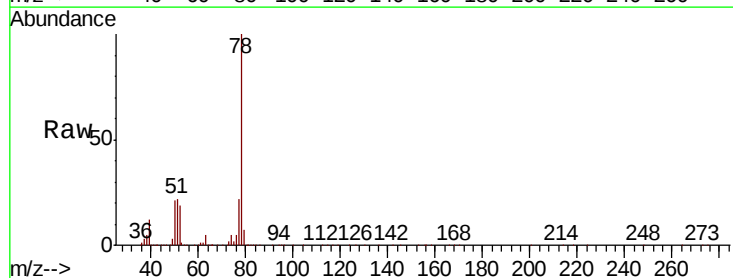


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

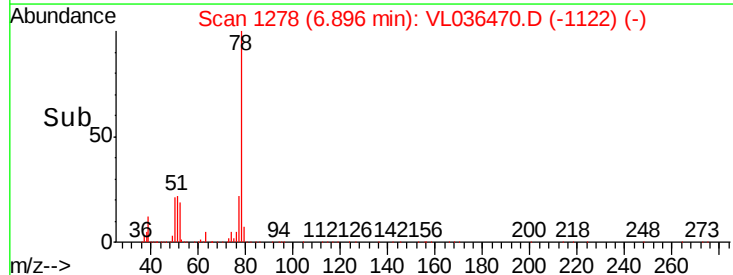
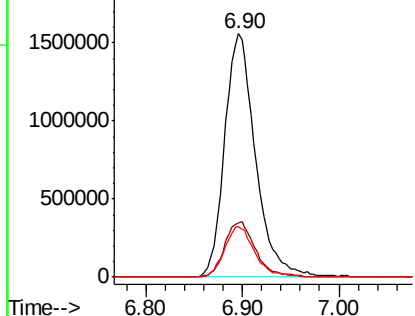


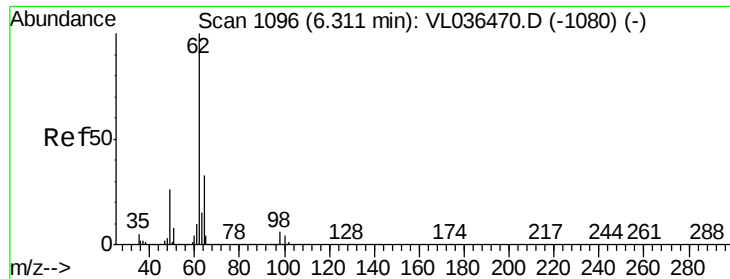
#36
Benzene
Concen: 10.892 ppbv
RT: 6.90 min Scan# 1278
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 78 Resp: 3458149
Ion Ratio Lower Upper
78 100
77 22.5 18.0 27.0
50 20.6 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: 10.211 ppbv

RT: 6.31 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

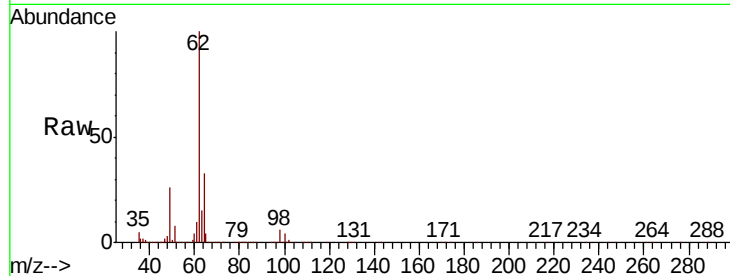
Acq: 25 Mar 2021 2:01

Tot Ion: 62 Resp: 2025317

Ion Ratio Lower Upper

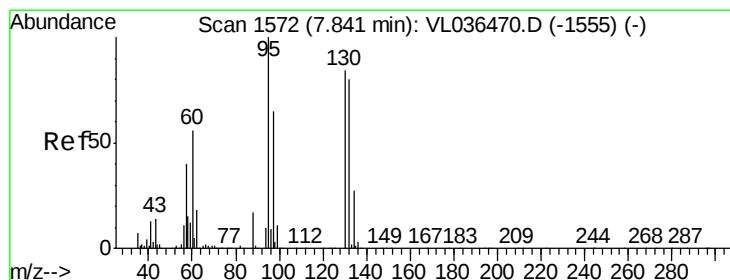
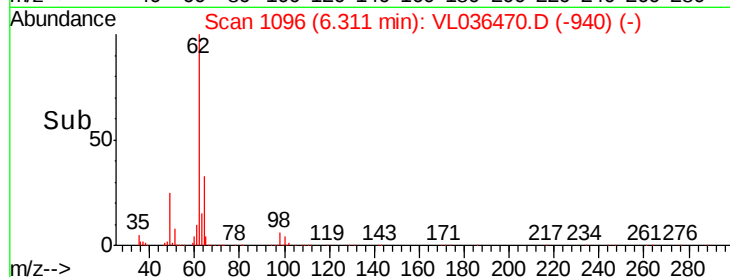
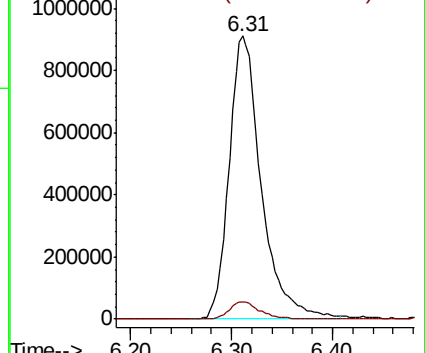
62 100

98 6.1 4.7 7.1



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#38

Trichloroethene

Concen: 10.375 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

Tgt Ion: 130 Resp: 1236202

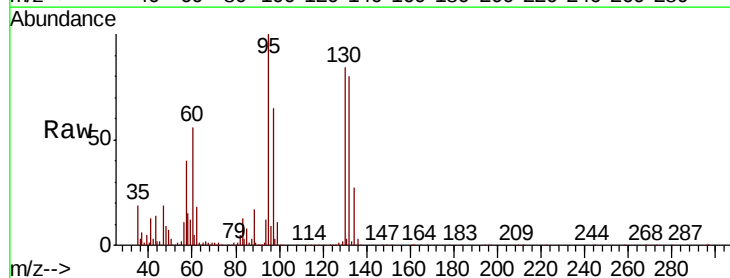
Ion Ratio Lower Upper

130 100

95 119.6 95.7 143.5

132 95.3 76.2 114.4

97 77.2 61.8 92.6

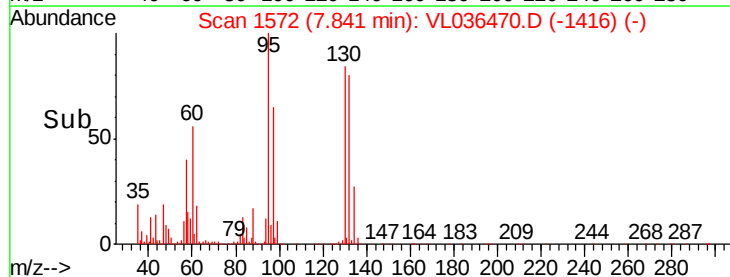
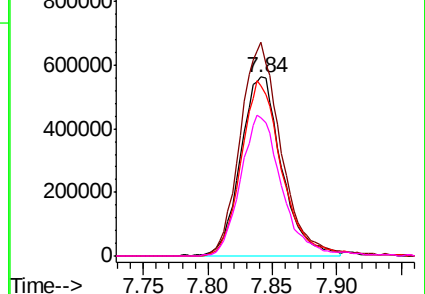


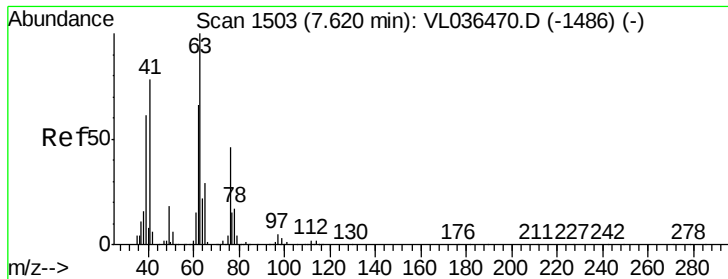
Abundance Ion 130.00 (129.70 to 130.70): VL0

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): VL0

Ion 97.00 (96.70 to 97.70): VL0





#39

1,2-Dichloropropane

Concen: 10.252 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:01

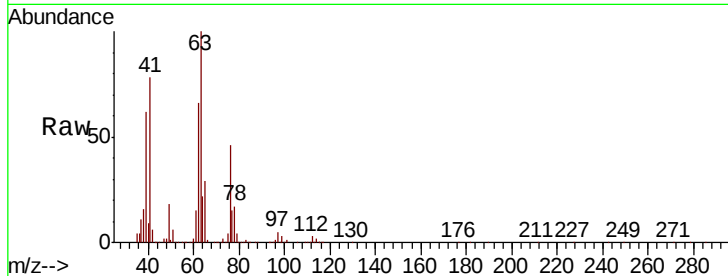
Tot Ion: 63 Resp: 1389388

Ion Ratio Lower Upper

63 100

41 78.0 62.4 93.6

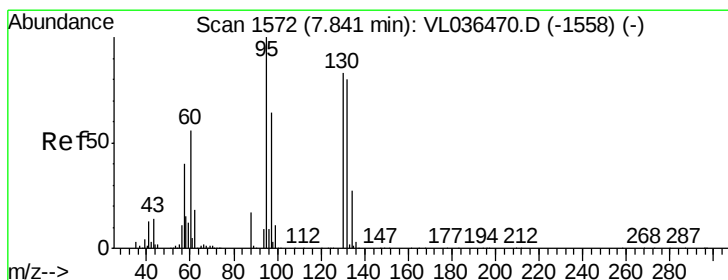
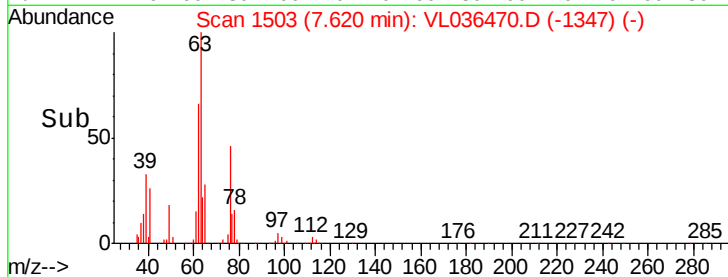
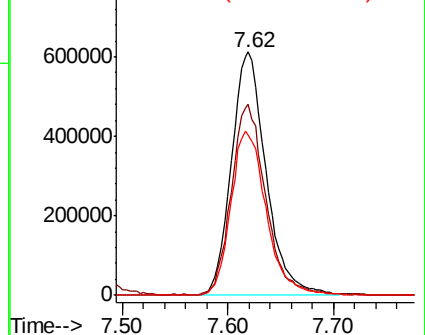
62 66.0 52.8 79.2



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 7.544 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

Tgt Ion: 88 Resp: 312399

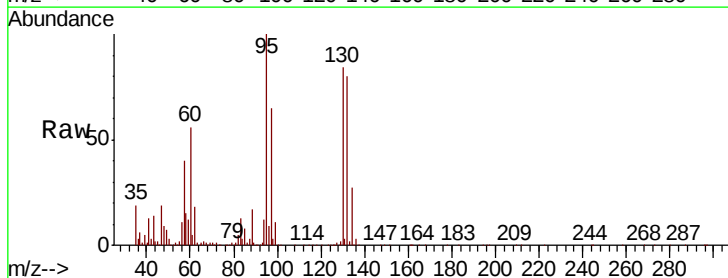
Ion Ratio Lower Upper

88 100

58 167.6 135.3 202.9

43 433.3 347.4 521.0

57 1852.3 1481.4 2222.0

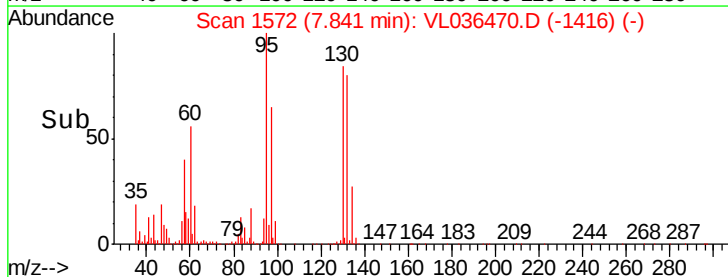
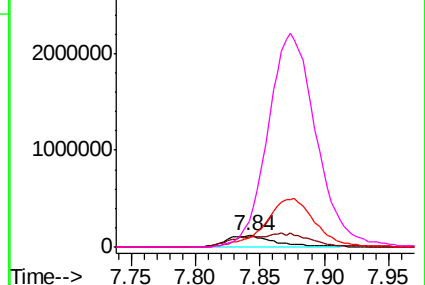


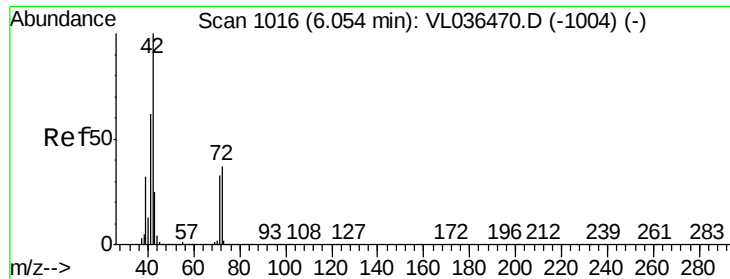
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

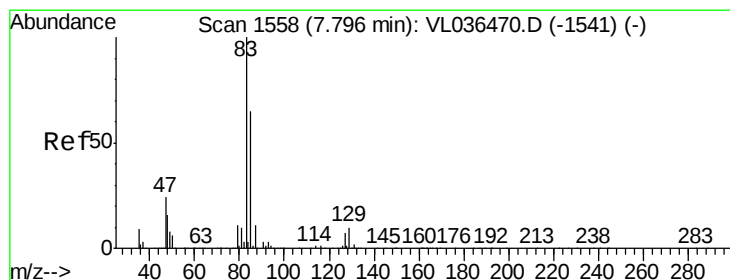
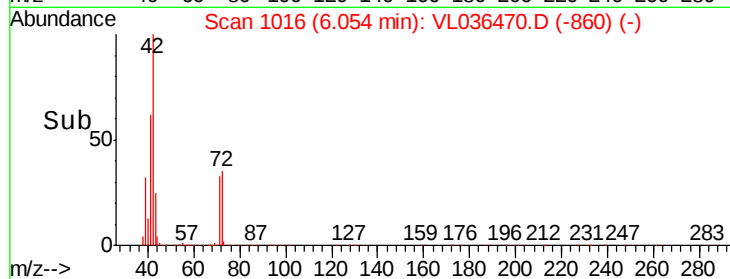
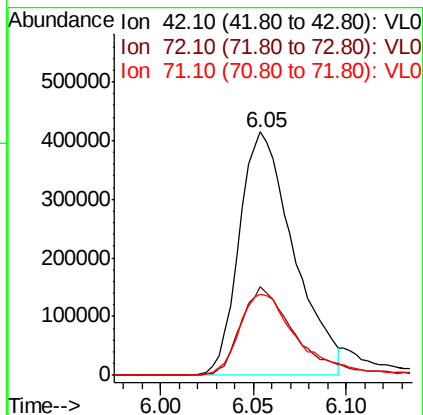
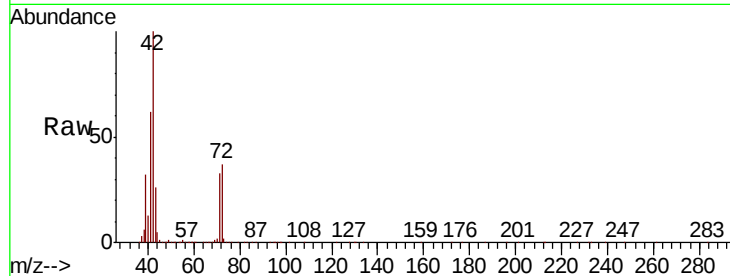
Ion 57.10 (56.80 to 57.80): VL0





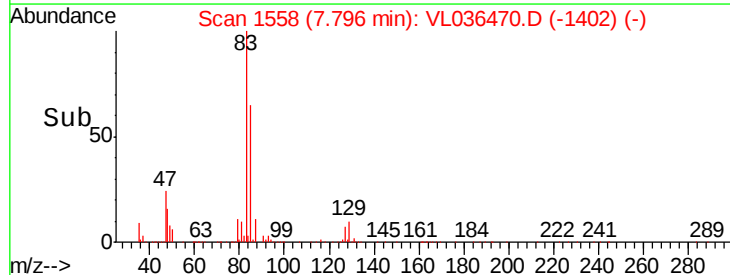
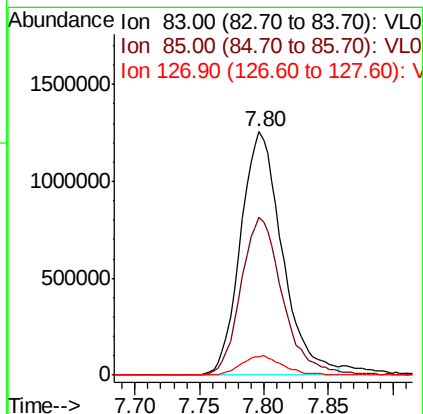
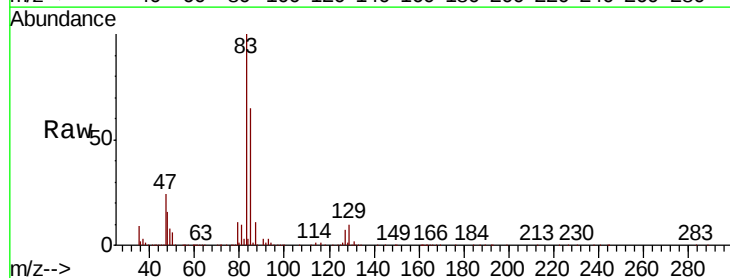
#41
Tetrahydrofuran
Concen: 6.869 ppbv
RT: 6.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 2:01

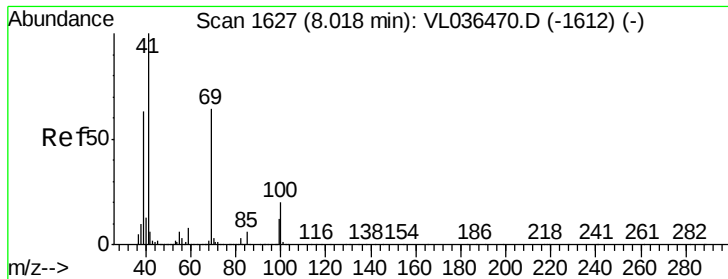
Tot Ion	Ratio	Lower	Upper
42	100		
72	37.3	30.3	45.5
71	36.4	29.4	44.0



#42
Bromodichloromethane
Concen: 10.541 ppbv
RT: 7.80 min Scan# 1558
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6
127	7.3	5.8	8.8





#43

Methyl Methacrylate

Concen: 10.340 ppbv

RT: 8.02 Instrument: MSVOA_1

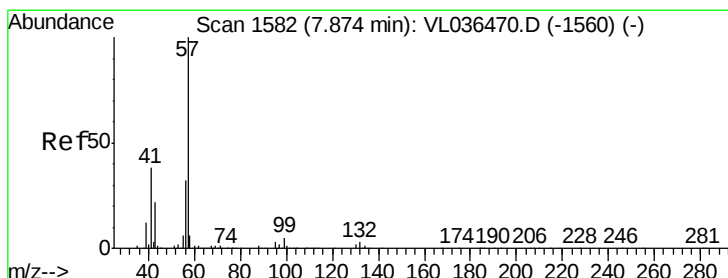
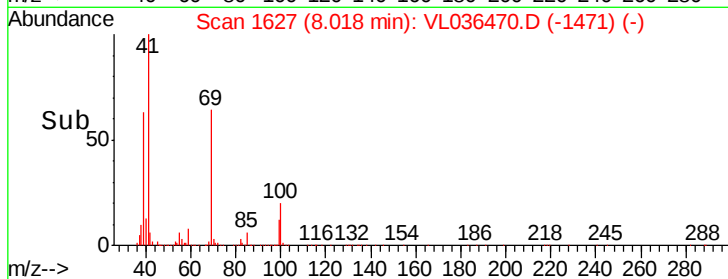
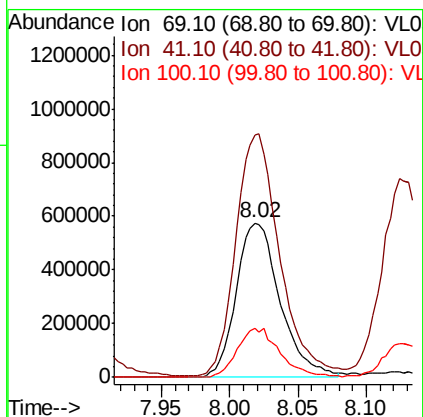
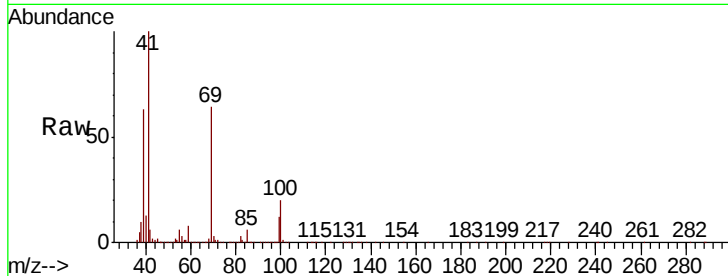
Delta R.T. ClientSampleId:

Lab File:

Acq: 25 Mar 2021 2:01

Tot Ion: 69 Resp: 1284051

Ion	Ratio	Lower	Upper
69	100		
41	158.5	126.8	190.2
100	31.1	24.9	37.3



#44

2,2,4-Trimethylpentane

Concen: 10.036 ppbv

RT: 7.87 min Scan# 1582

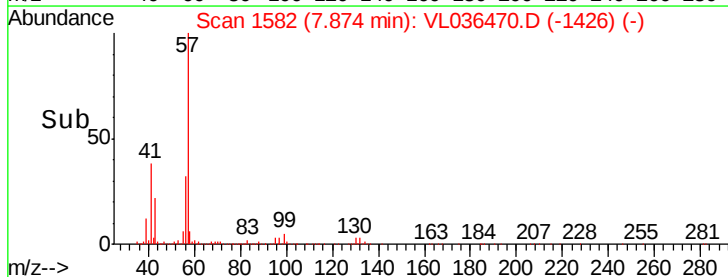
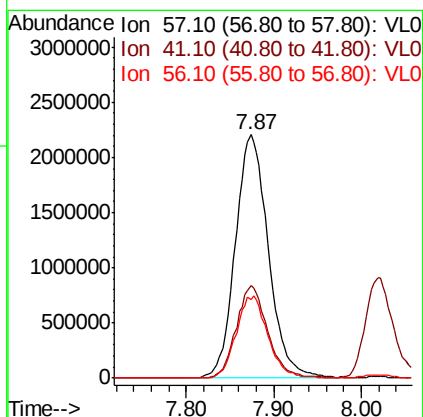
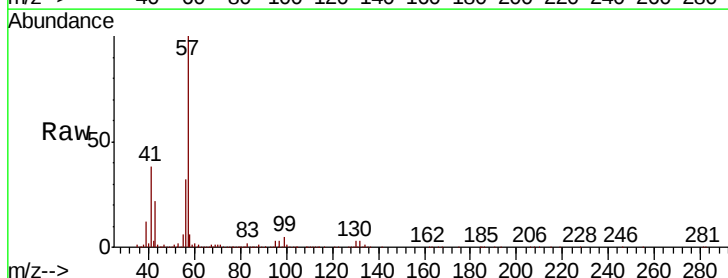
Delta R.T. 0.00 min

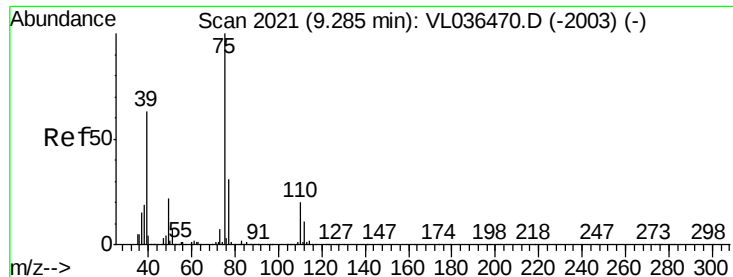
Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

Tgt Ion: 57 Resp: 5773083

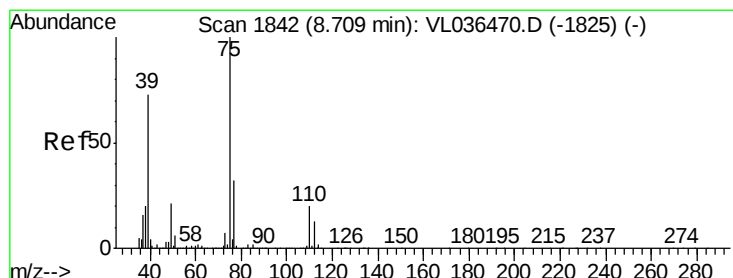
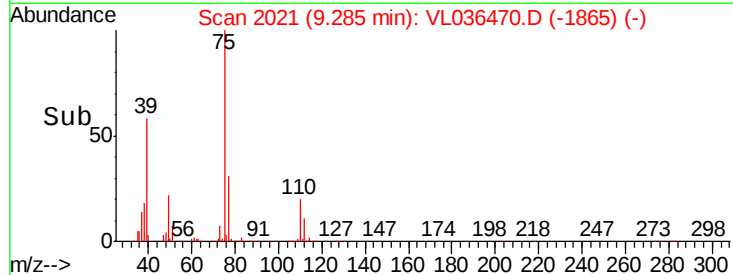
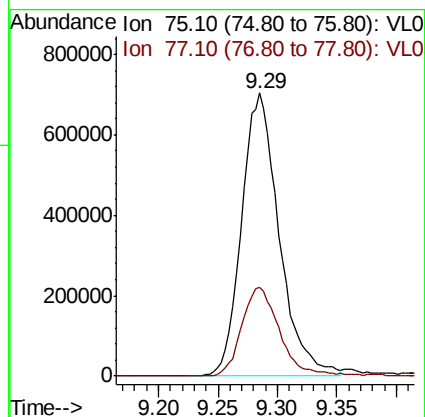
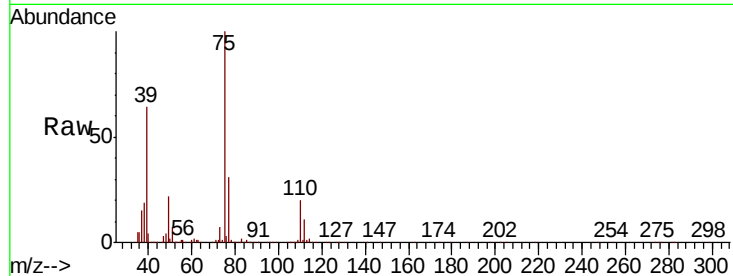
Ion	Ratio	Lower	Upper
57	100		
41	36.0	28.8	43.2
56	32.6	26.1	39.1





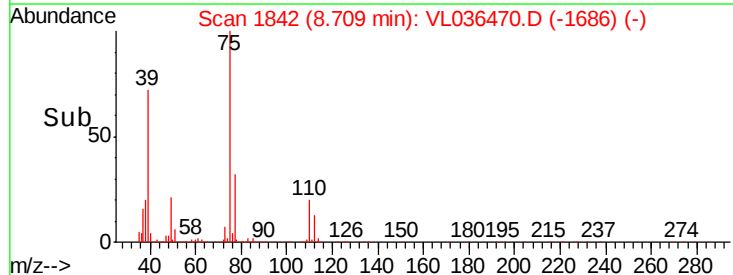
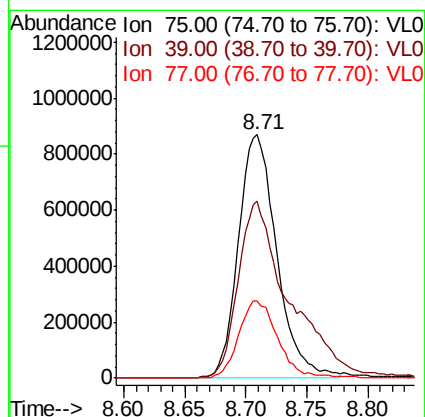
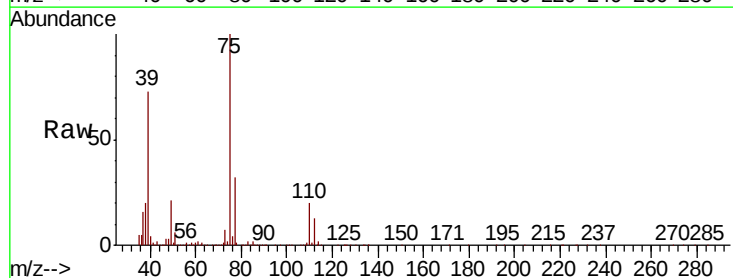
#45
 t-1,3-Dichloropropene
 Concen: 12.359 ppbv
 RT: 9.29
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 2:01

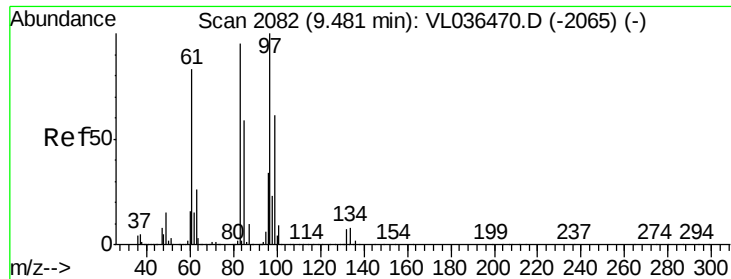
Tot Ion: 75 Resp: 1533519
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7



#46
 cis-1,3-Dichloropropene
 Concen: 11.676 ppbv
 RT: 8.71 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

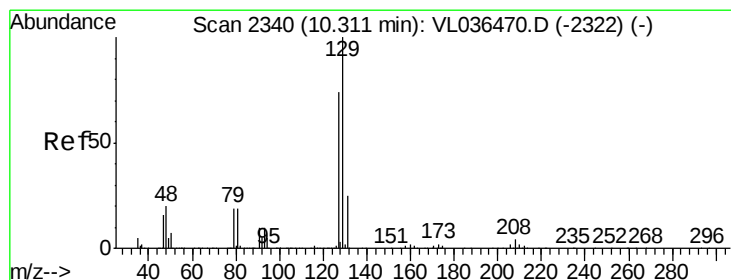
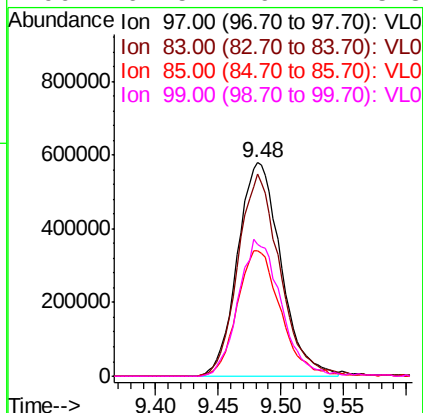
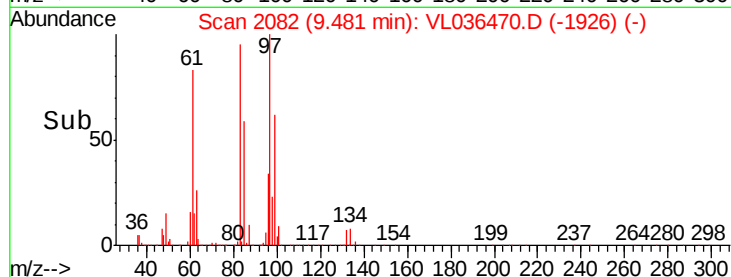
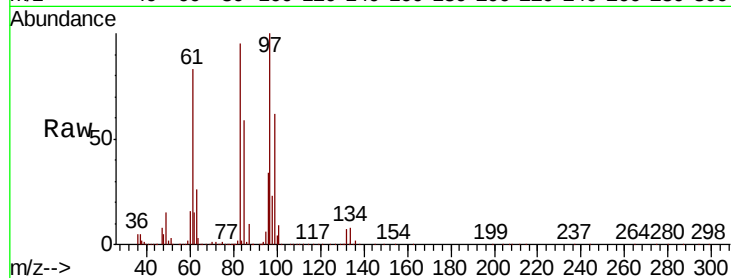
Tgt Ion: 75 Resp: 1892104
 Ion Ratio Lower Upper
 75 100
 39 72.7 58.2 87.2
 77 31.5 25.2 37.8





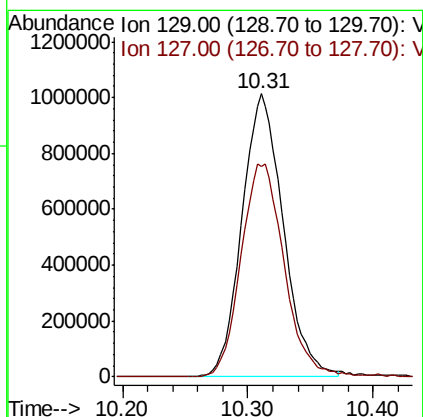
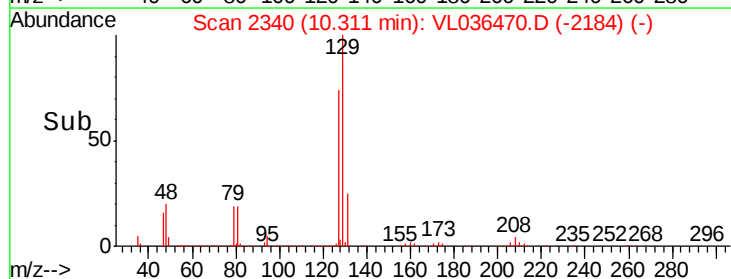
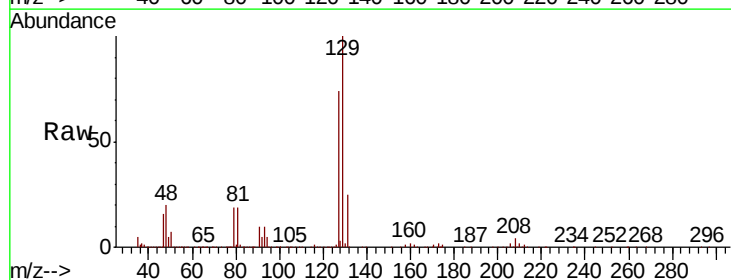
#47
 1,1,2-Trichloroethane
 Concen: 10.350 ppbv
 RT: 9.48 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 2:01

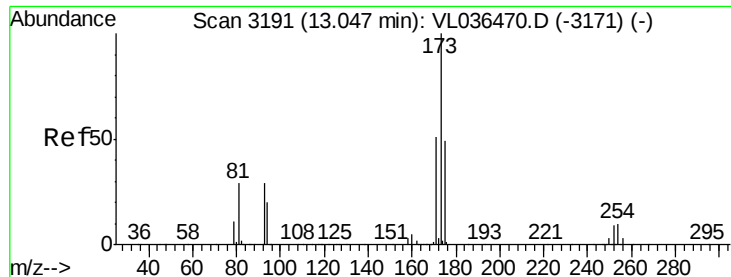
Tot Ion:	97	Resp:	1387441
Ion	Ratio	Lower	Upper
97	100		
83	94.8	75.8	113.8
85	58.9	47.1	70.7
99	61.5	49.2	73.8



#48
 Dibromochloromethane
 Concen: 11.395 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T.: 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion:	129	Resp:	2319151
Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.6	118.8





#49

Bromoform

Concen: 11.465 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:01

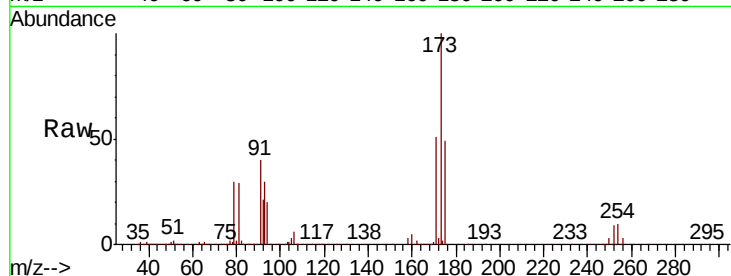
Tot Ion:173 Resp: 1904178

Ion Ratio Lower Upper

173 100

175 49.5 39.6 59.4

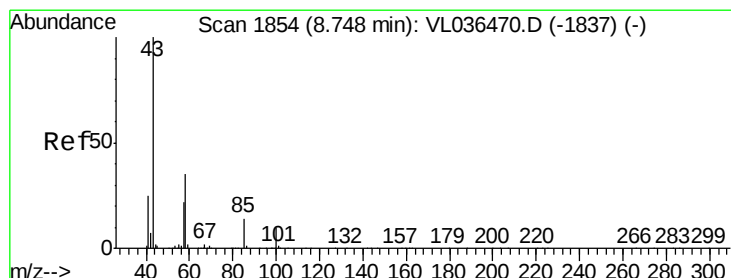
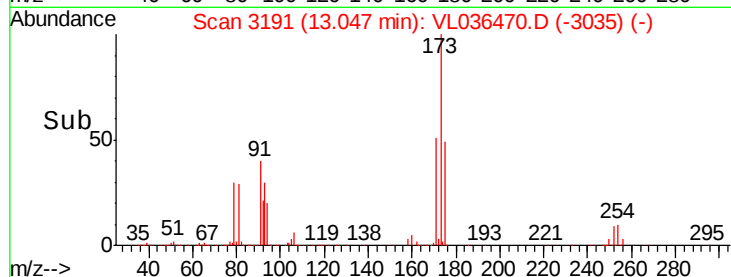
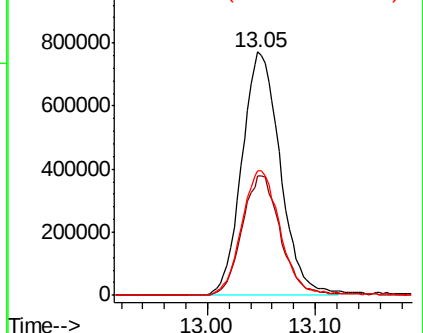
171 51.7 41.4 62.0



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: 8.396 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VL036470.D

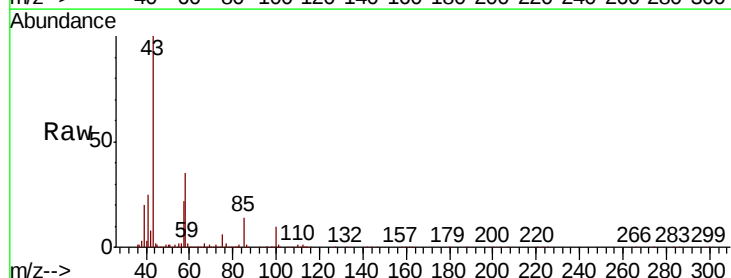
Acq: 25 Mar 2021 2:01

Tgt Ion: 43 Resp: 2815367

Ion Ratio Lower Upper

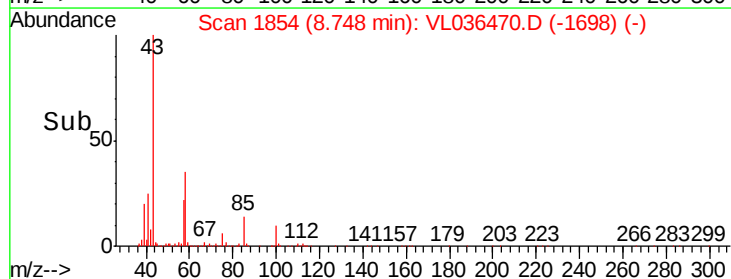
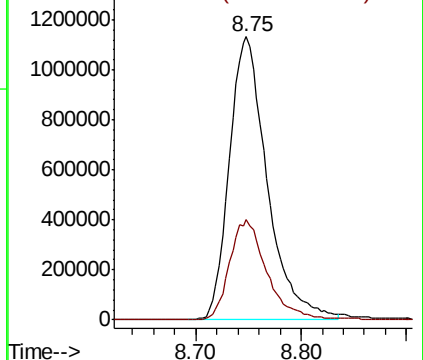
43 100

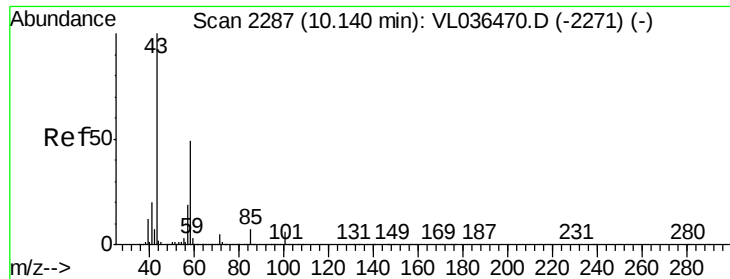
58 35.2 28.1 42.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 6.582 ppbv

RT: 10.14 min

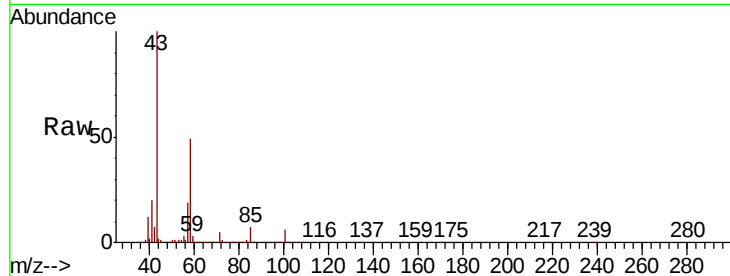
Delta R.T. MSVOA_L

Lab File:

Acq: 25 Mar 2021 2:01

Tot Ion: 43 Resp: 1567393

Ion	Ratio	Lower	Upper
43	100		
58	47.1	37.7	56.5
98	0.2	0.2	0.2

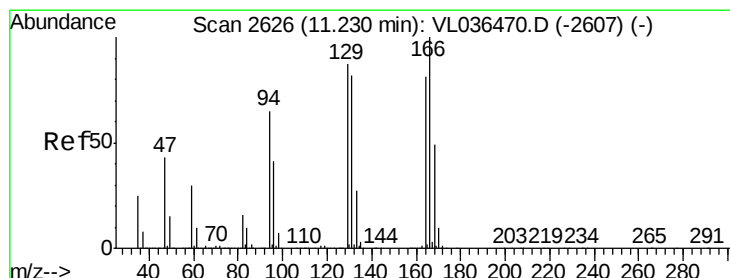
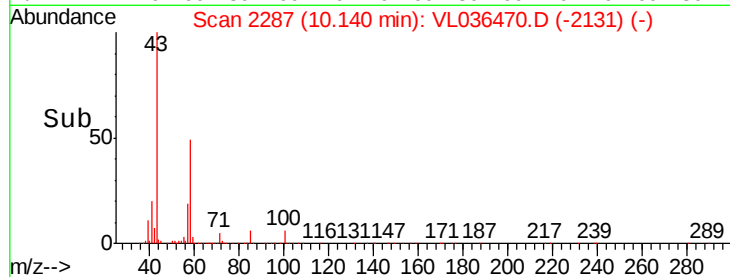
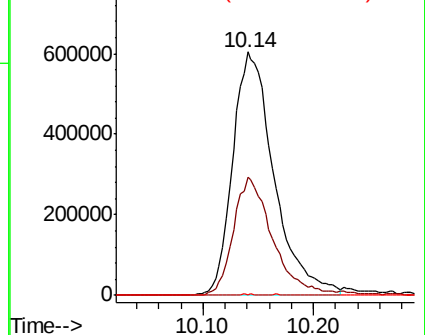


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 10.075 ppbv

RT: 11.23 min Scan# 2626

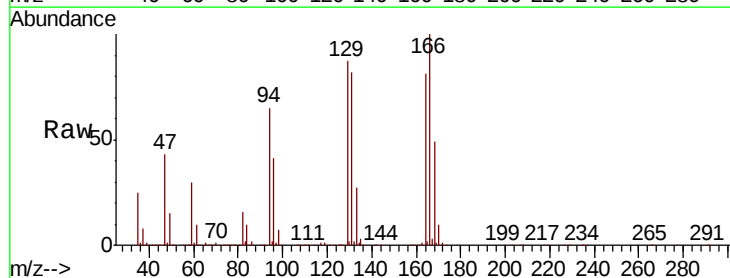
Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

Tgt Ion: 164 Resp: 1192130

Ion	Ratio	Lower	Upper
164	100		
166	122.9	98.3	147.5
129	107.3	85.8	128.8
131	101.1	80.9	121.3



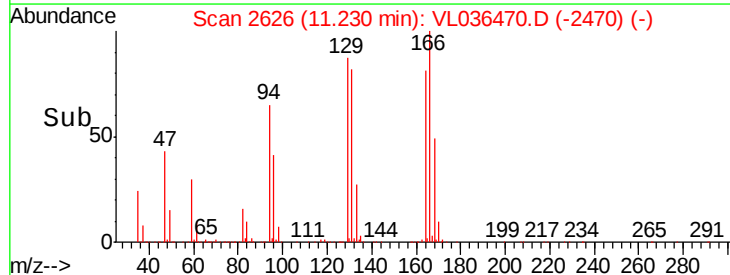
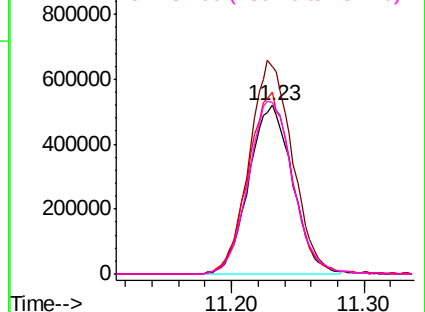
Abundance

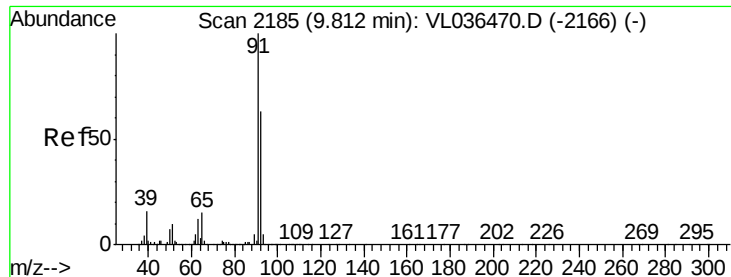
Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 11.356 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

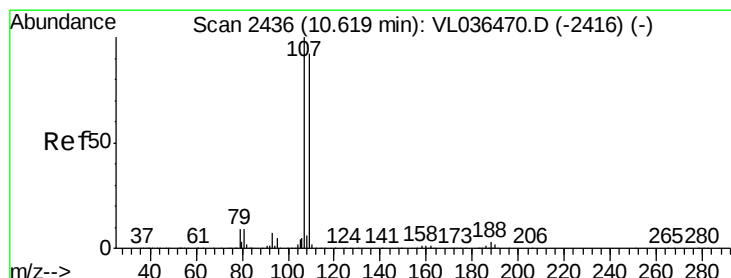
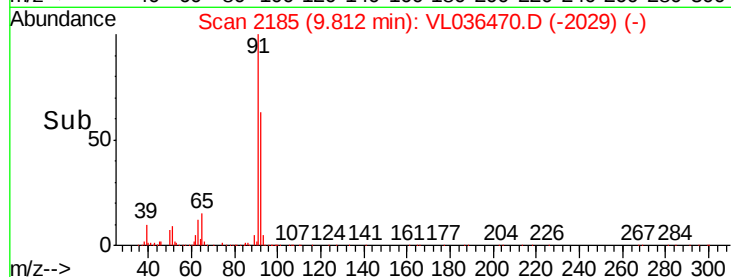
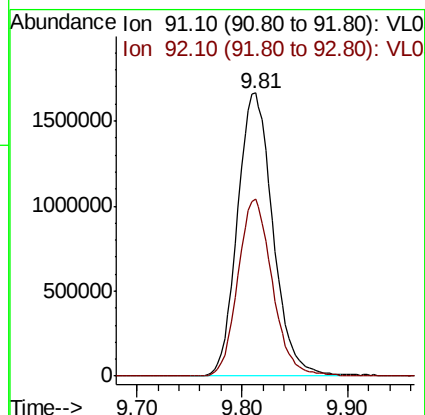
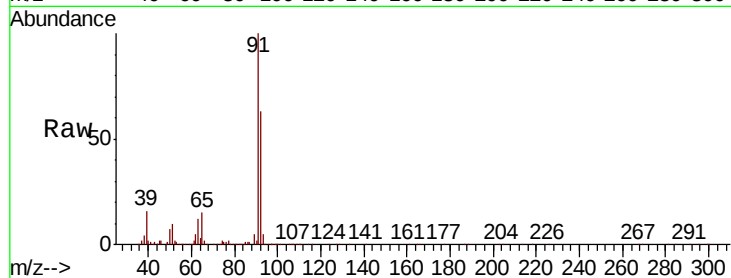
Acq: 25 Mar 2021 2:01

Tot Ion: 91 Resp: 3887028

Ion Ratio Lower Upper

91 100

92 61.0 48.9 73.3



#54

1,2-Dibromoethane

Concen: 10.464 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VL036470.D

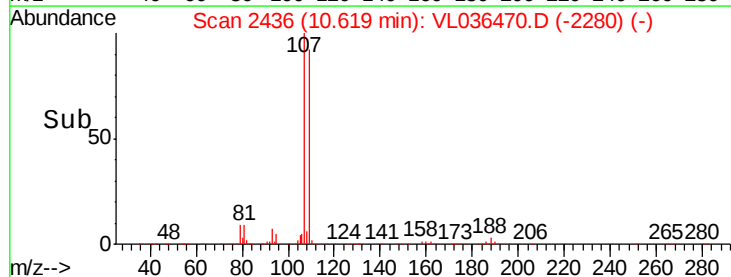
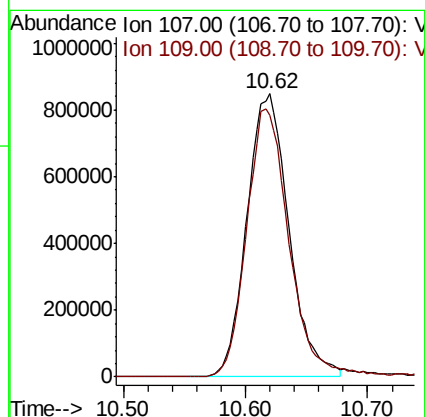
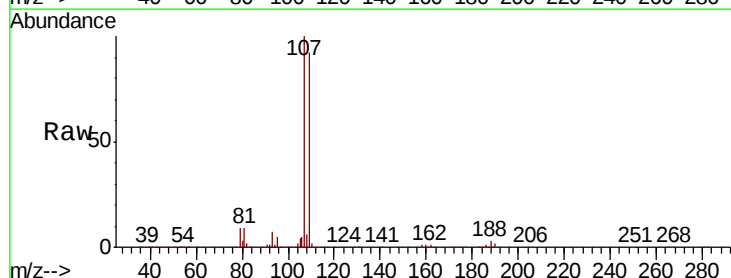
Acq: 25 Mar 2021 2:01

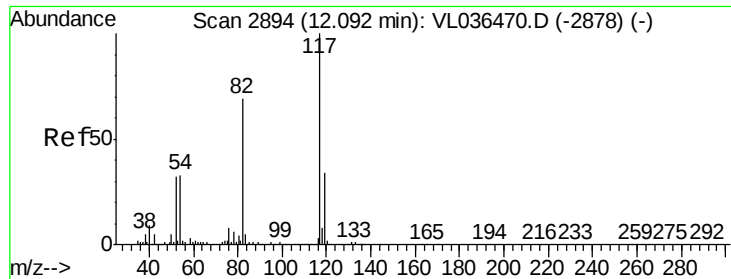
Tgt Ion: 107 Resp: 2017679

Ion Ratio Lower Upper

107 100

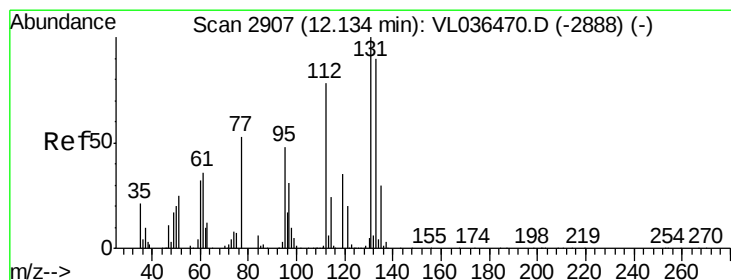
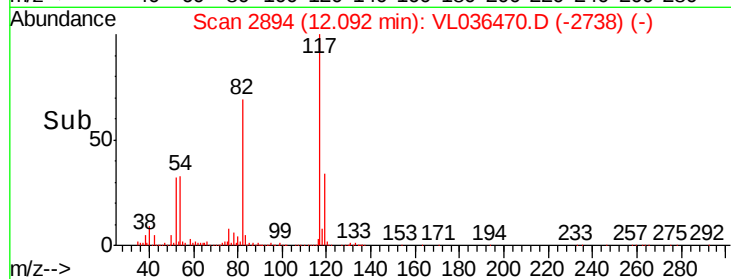
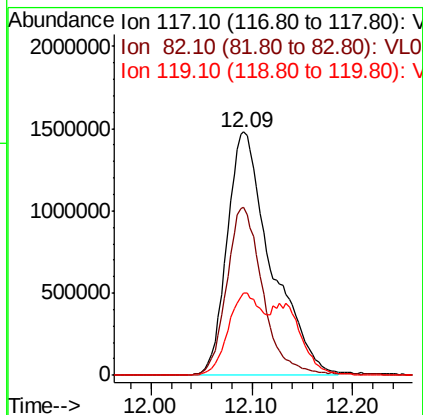
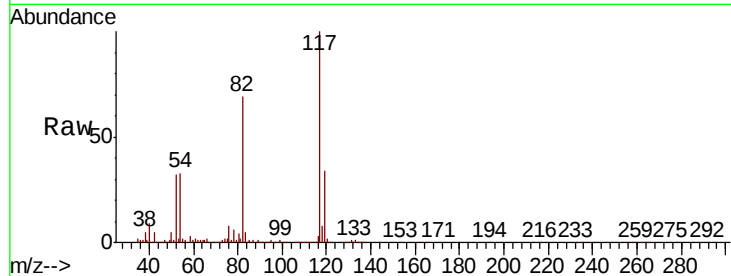
109 92.4 73.9 110.9





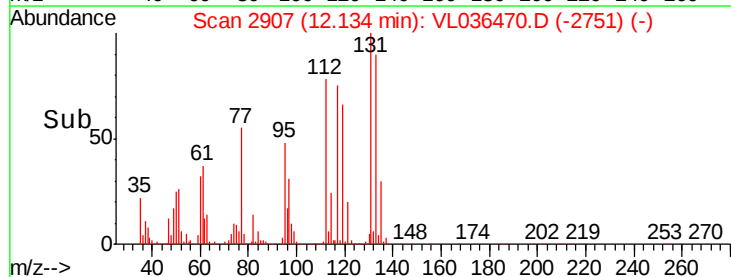
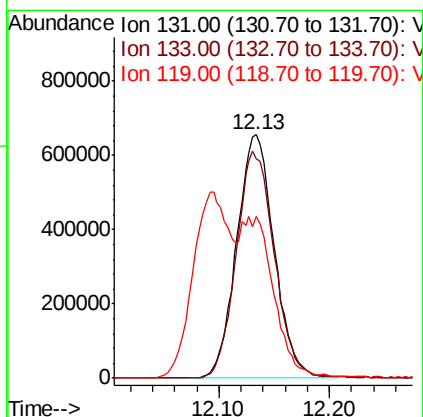
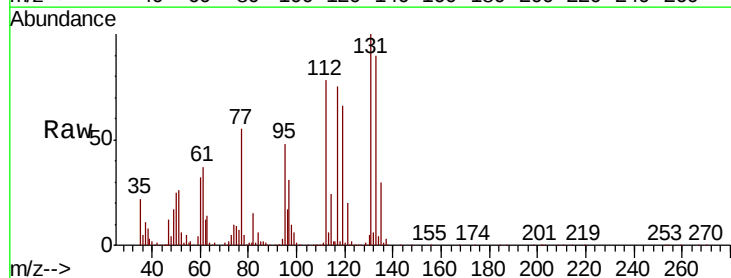
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 2:01

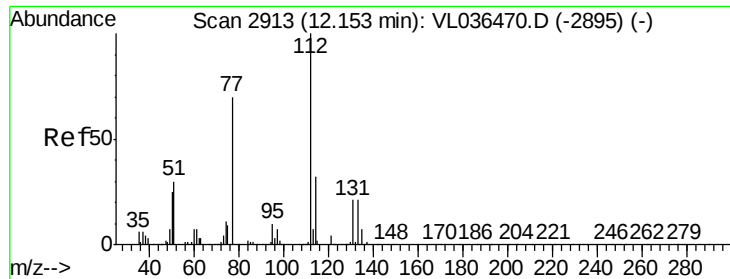
Tot Ion:117 Resp: 4518890
Ion Ratio Lower Upper
117 100
82 56.8 57.4 86.0#
119 47.0 47.4 71.2#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.660 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

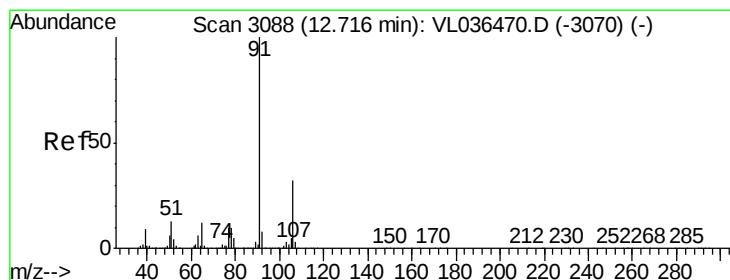
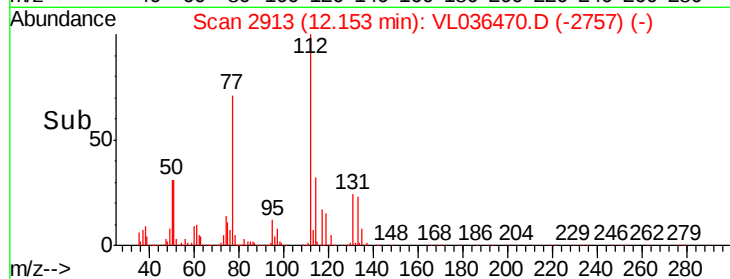
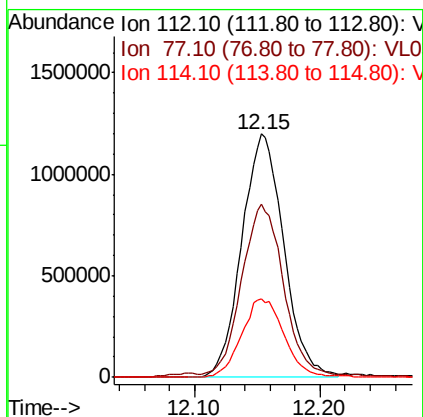
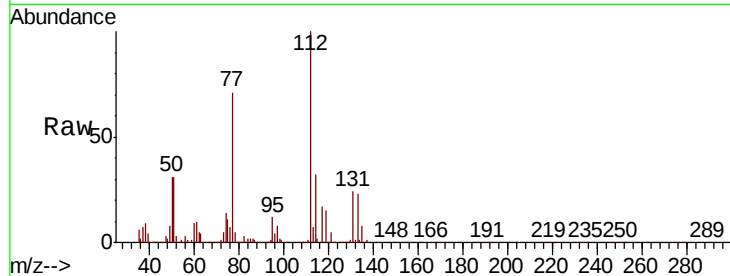
Tgt Ion:131 Resp: 1547473
Ion Ratio Lower Upper
131 100
133 94.7 76.0 114.0
119 60.9 44.9 67.3





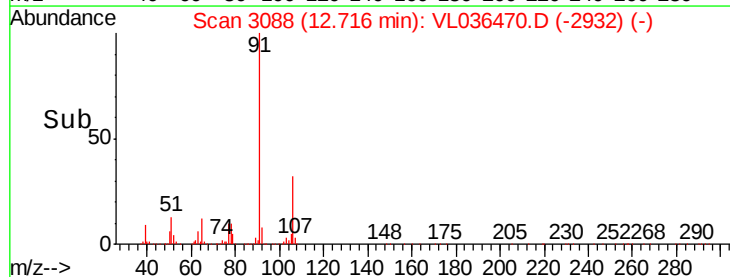
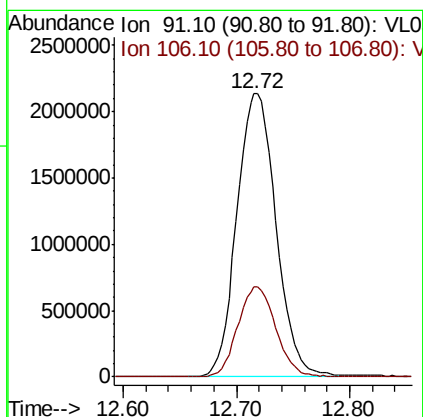
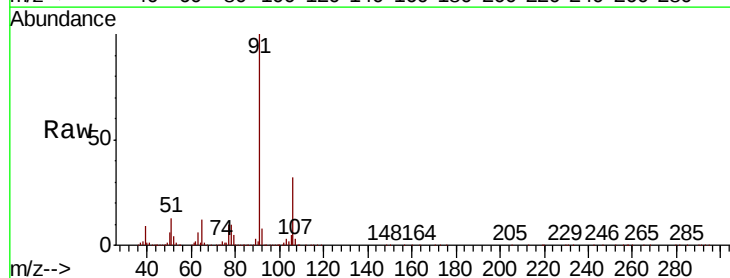
#57
Chlorobenzene
Concen: 8.285 ppbv
RT: 12.15 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:01

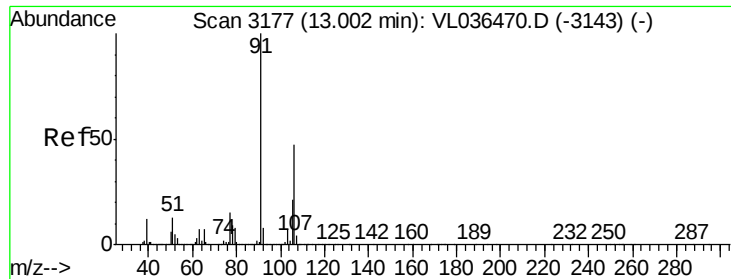
Tot Ion: 112 Resp: 2786247
Ion Ratio Lower Upper
112 100
77 70.0 56.0 84.0
114 32.2 29.0 35.4



#58
Ethyl Benzene
Concen: 8.893 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

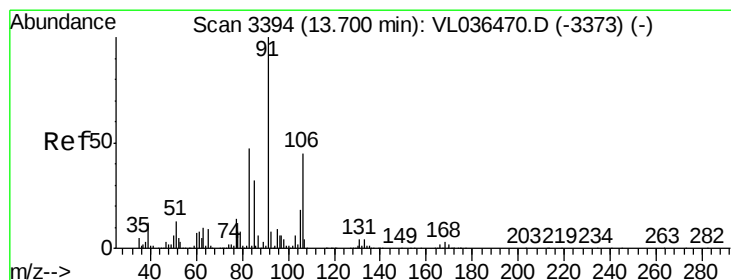
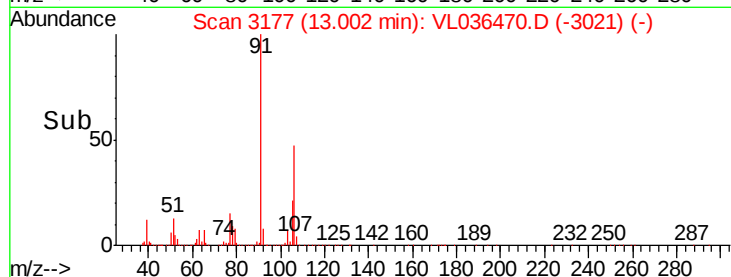
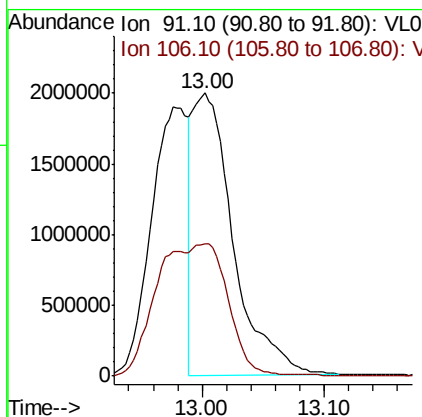
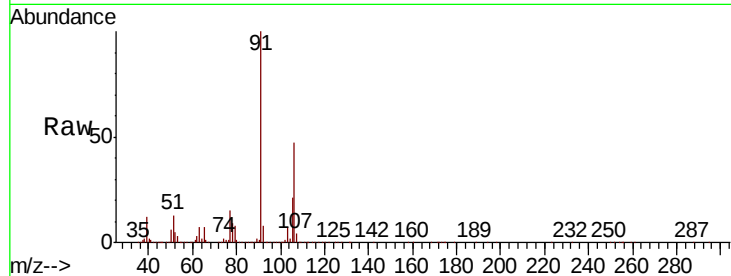
Tgt Ion: 91 Resp: 5155245
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9





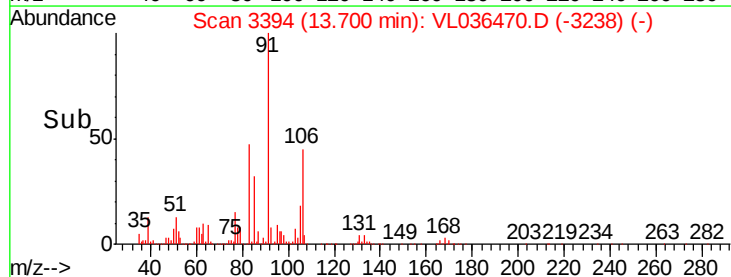
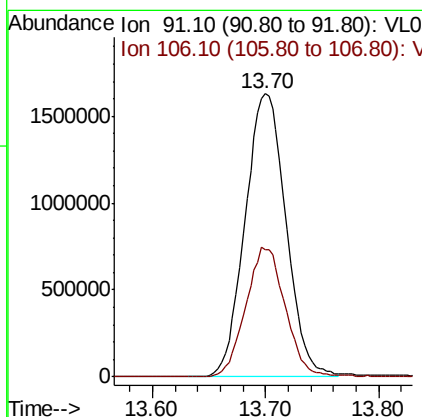
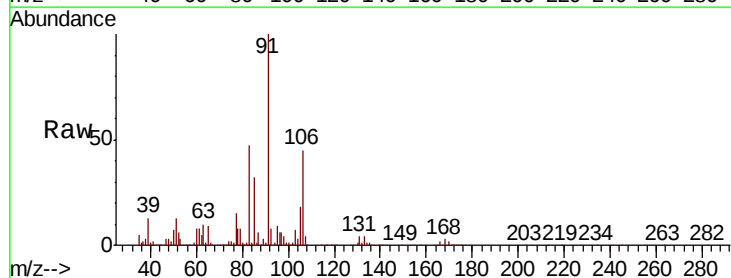
#59
m/p-Xylene
Concen: 8.960 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:01

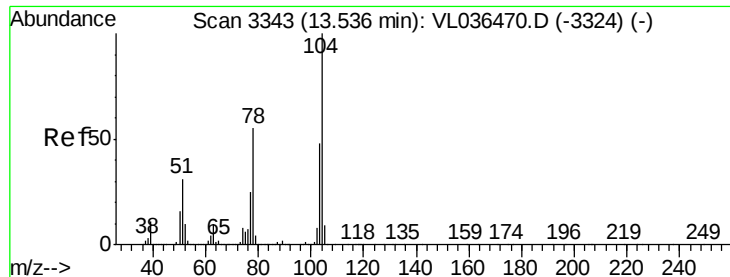
Tot Ion: 91 Resp: 4565637
Ion Ratio Lower Upper
91 100
106 83.4 35.2 52.8#



#60
o-Xylene
Concen: 8.342 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

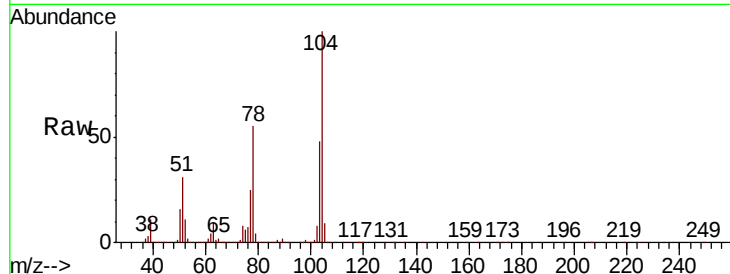
Tgt Ion: 91 Resp: 4082766
Ion Ratio Lower Upper
91 100
106 44.6 22.3 66.9



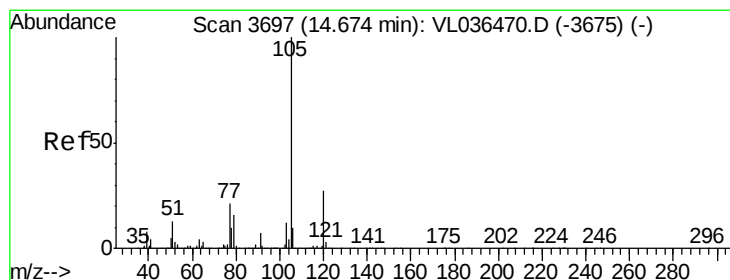
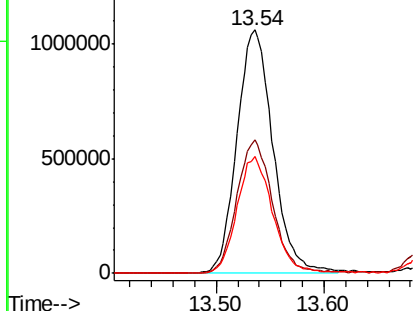
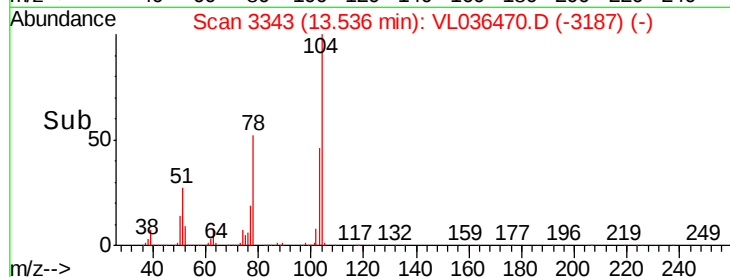


#61
Stvrene
Concen: 8.572 ppbv
RT: 13.54 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:01

Tot Ion:104 Resp: 2467515
Ion Ratio Lower Upper
104 100
78 54.8 43.7 65.5
103 47.9 38.3 57.5

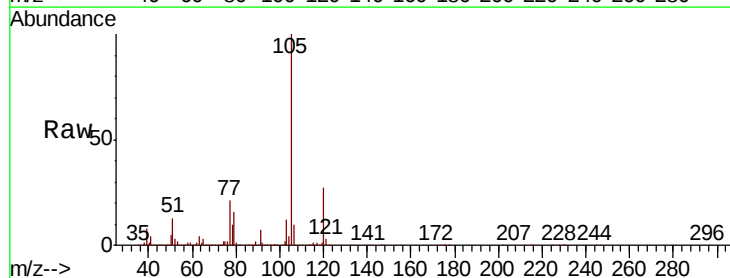


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

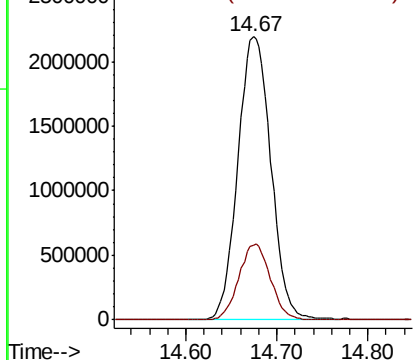
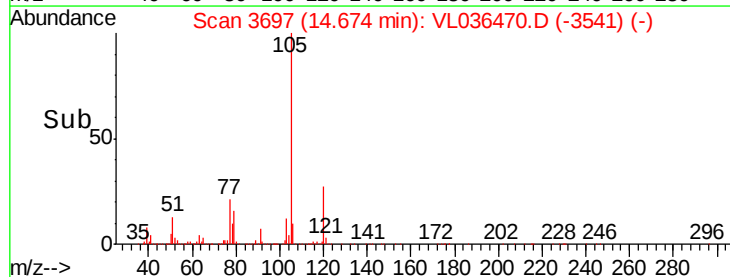


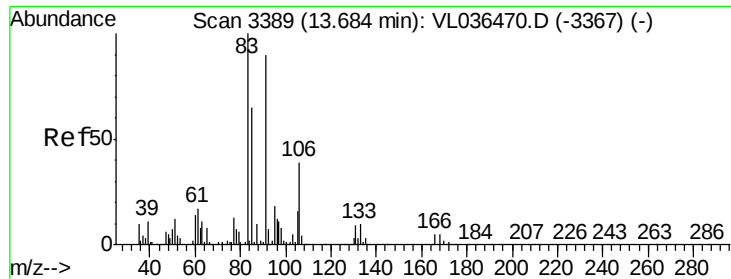
#62
Isopropylbenzene
Concen: 7.641 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion:105 Resp: 5537234
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0



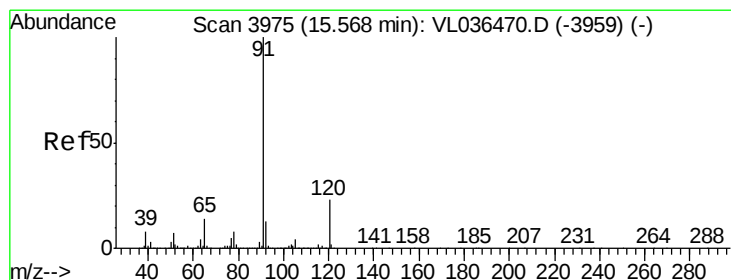
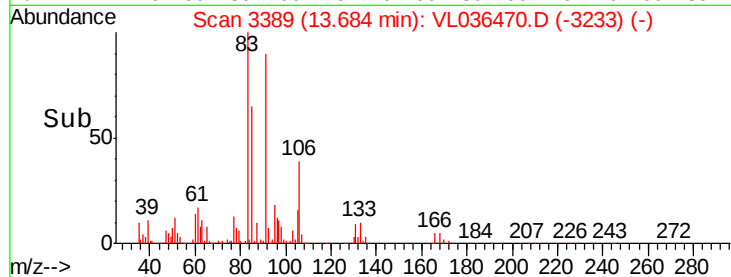
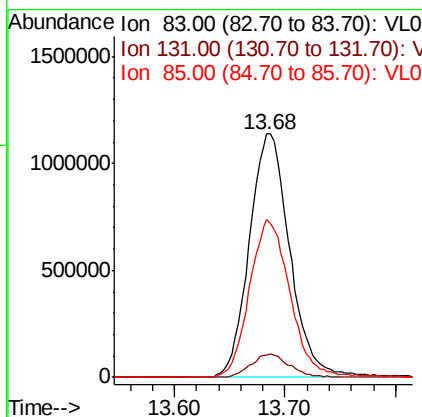
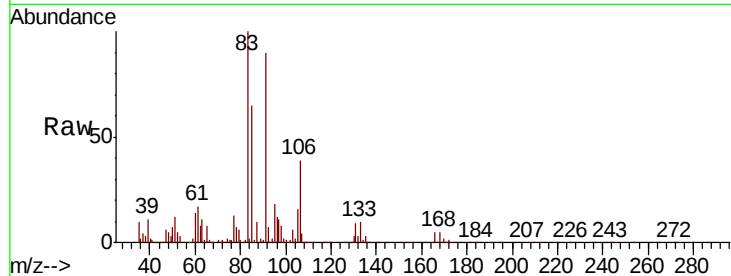
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





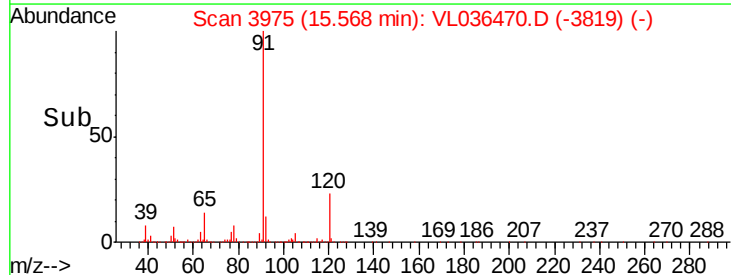
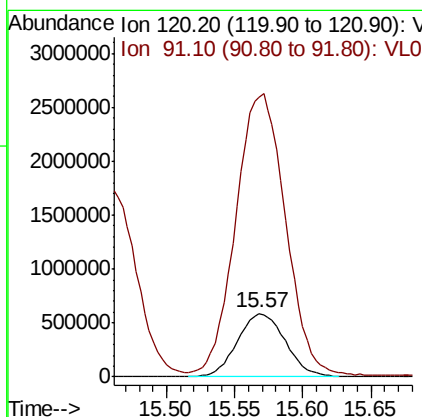
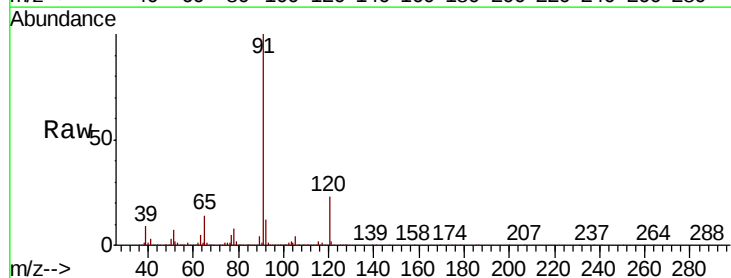
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.587 ppbv
 RT: 13.68 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 2:01

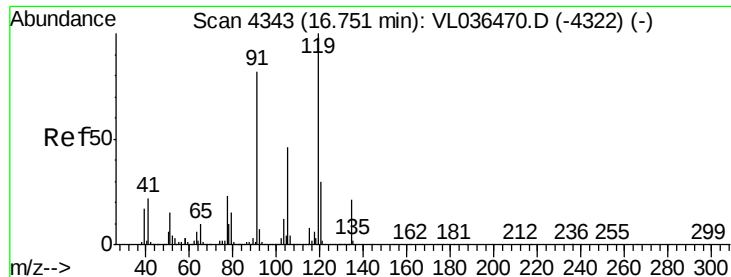
Tot Ion: 83 Resp: 2872058
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.7 14.0
 85 66.2 33.2 99.6



#64
 n-propylbenzene
 Concen: 7.892 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion: 120 Resp: 1424247
 Ion Ratio Lower Upper
 120 100
 91 471.8 377.8 566.6

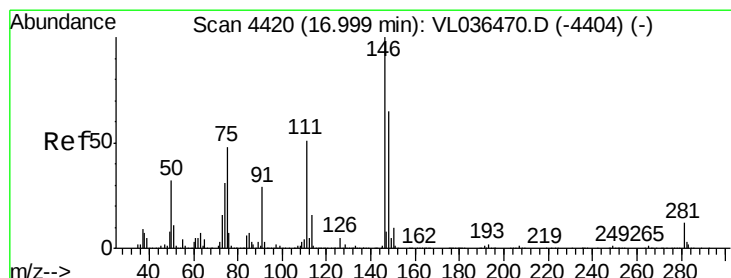
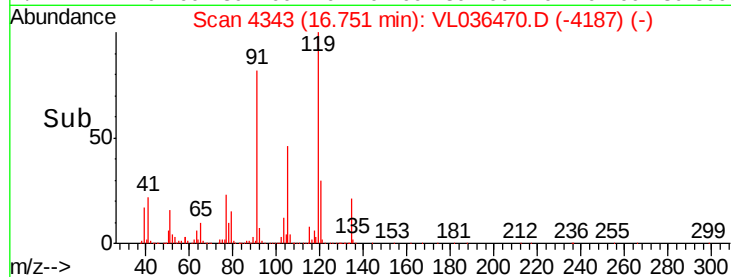
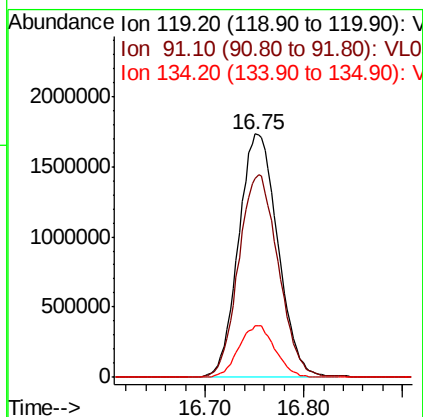
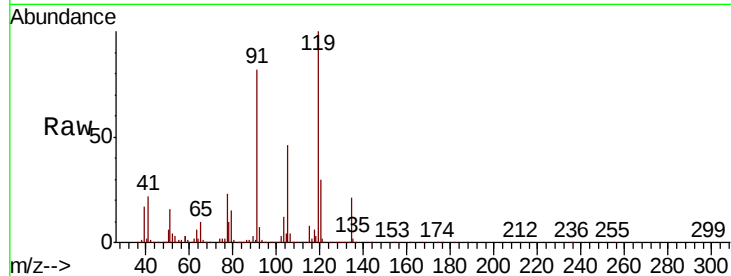




#65
 tert-Butylbenzene
 Concen: 7.560 ppbv
 RT: 16.75 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 2:01

Tot Ion: 119 Resp: 4764372

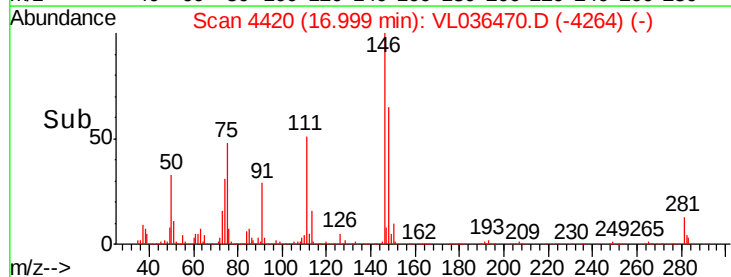
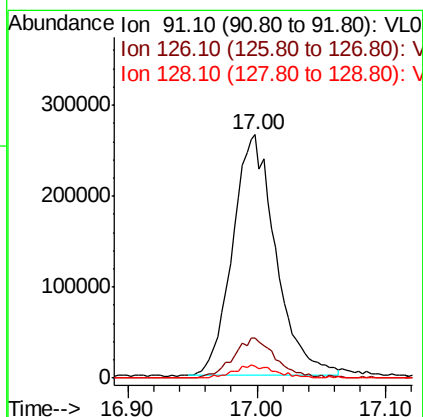
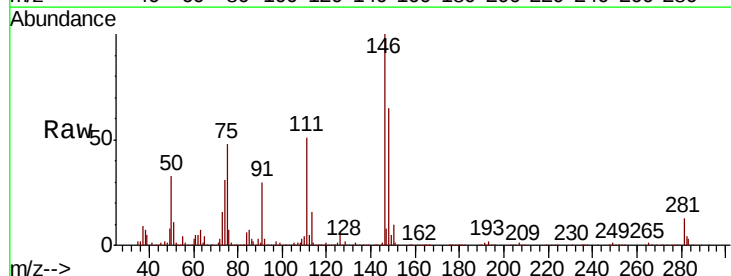
Ion	Ratio	Lower	Upper
119	100		
91	84.4	67.5	101.3
134	19.8	15.8	23.8

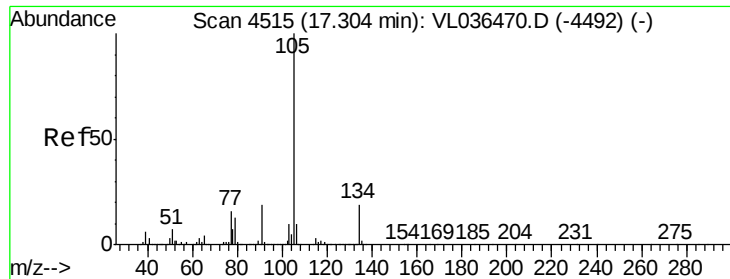


#66
 Benzyl Chloride
 Concen: 4.192 ppbv
 RT: 17.00 min Scan# 4420
 Delta R.T.: 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion: 91 Resp: 617871

Ion	Ratio	Lower	Upper
91	100		
126	16.9	13.5	20.3
128	5.3	4.2	6.2





#67

sec-Butylbenzene

Concen: 7.561 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

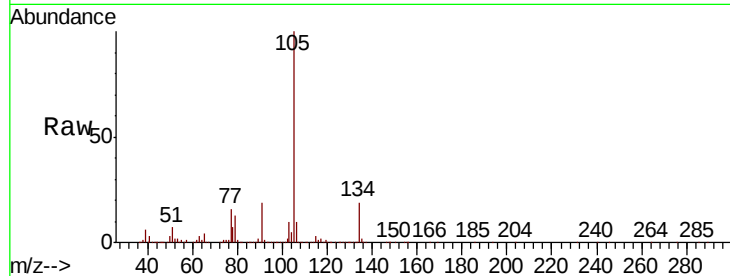
Acq: 25 Mar 2021 2:01

Tot Ion: 105 Resp: 6644069

Ion Ratio Lower Upper

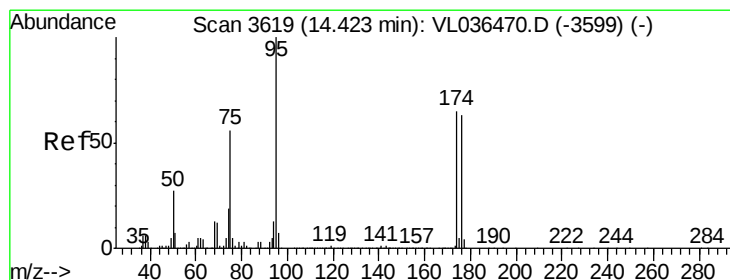
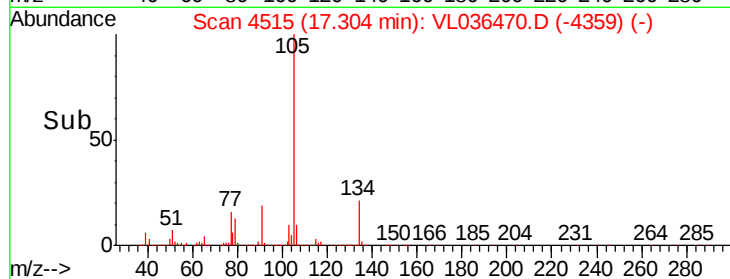
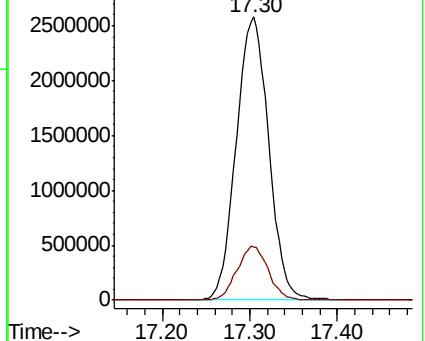
105 100

134 18.4 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: 8.063 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

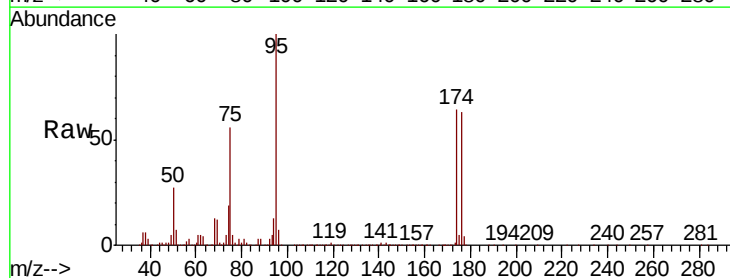
Tgt Ion: 95 Resp: 2994303

Ion Ratio Lower Upper

95 100

174 63.8 51.0 76.6

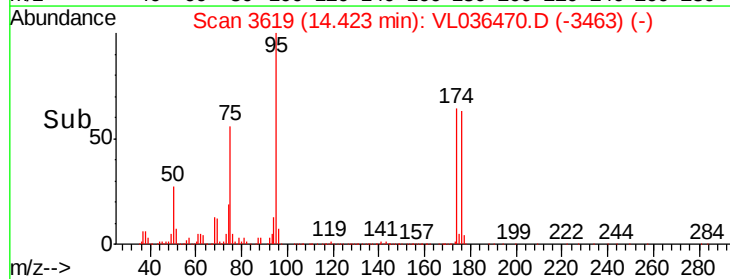
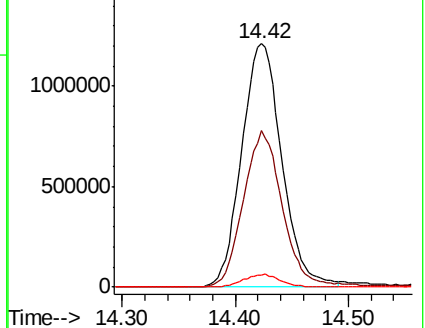
175 4.9 3.9 5.9

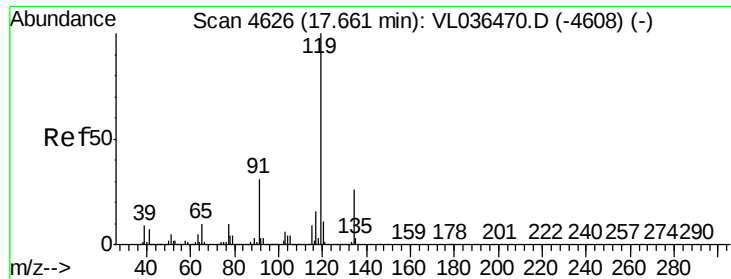


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

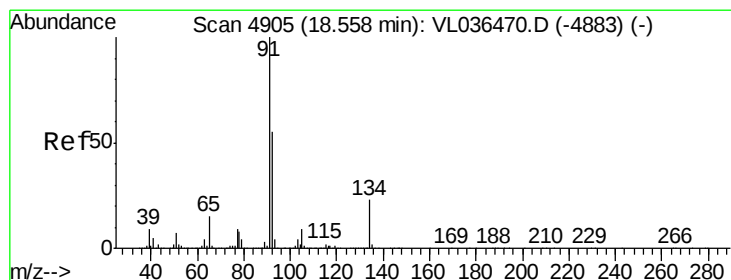
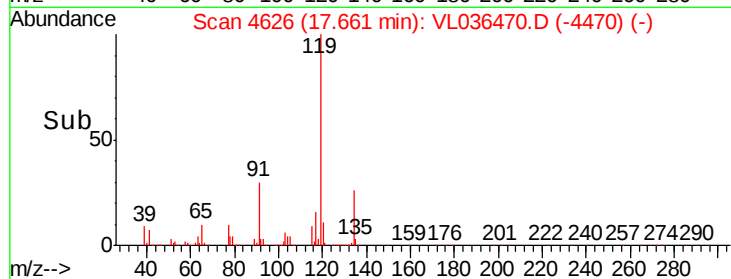
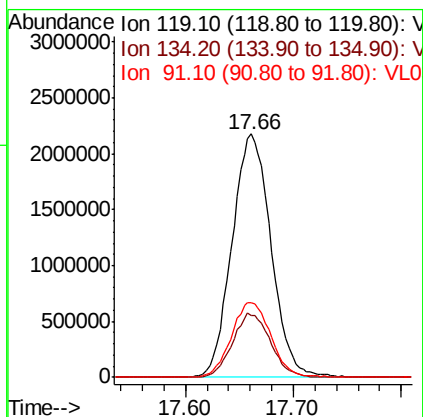
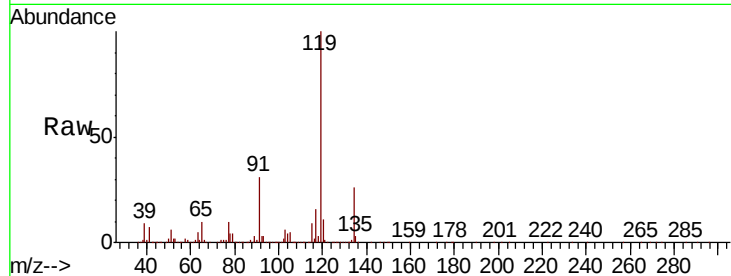
Ion 175.00 (174.70 to 175.70): V





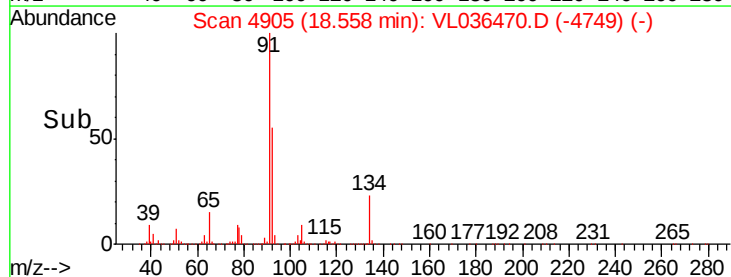
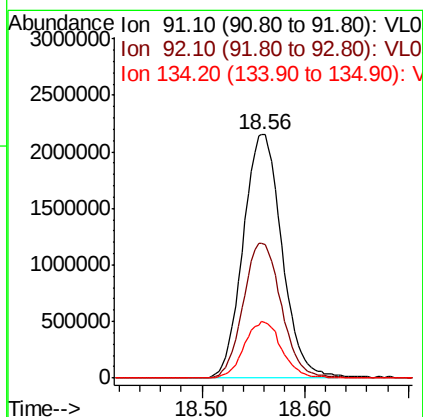
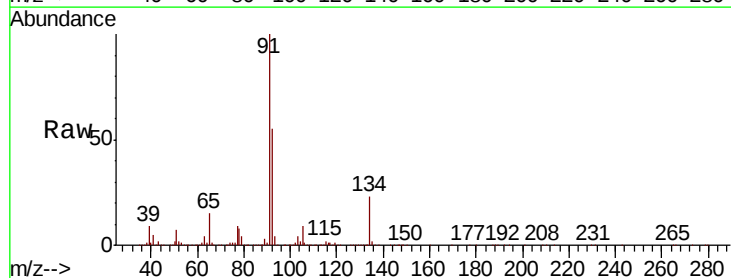
#69
 p-Isopropyltoluene
 Concen: 7.764 ppbv
 RT: 17.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 2:01

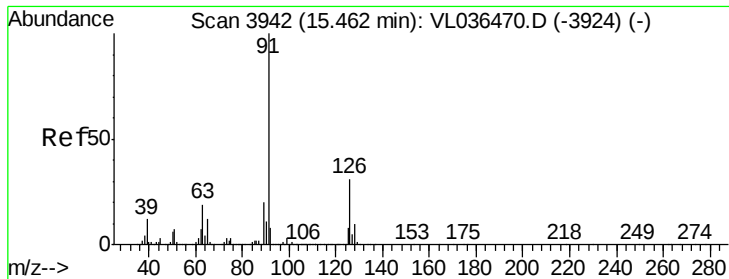
Tot Ion:	119	Resp:	5459729
Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	30.8
91	31.3	25.0	37.4



#70
 n-Butylbenzene
 Concen: 7.746 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

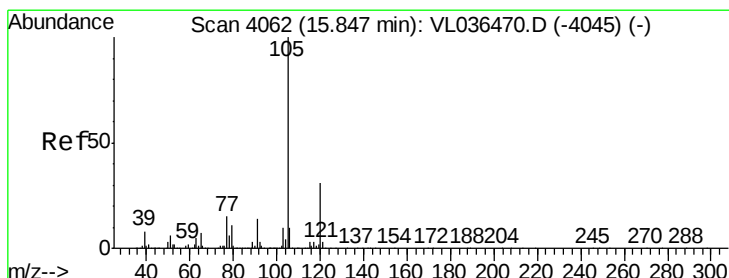
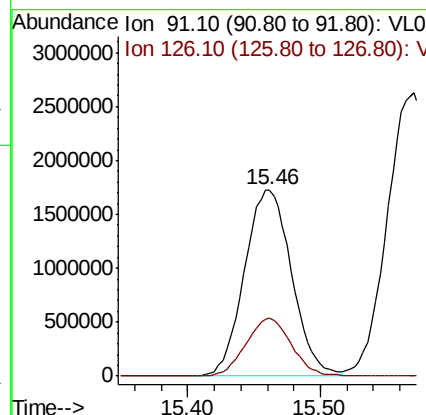
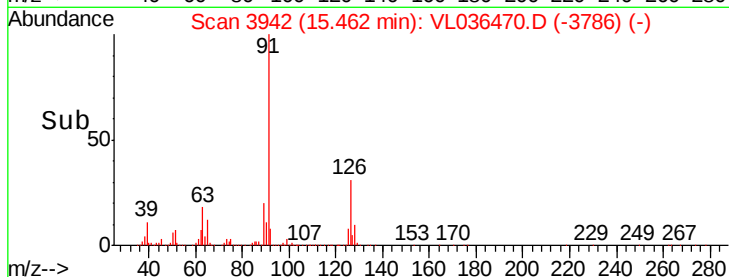
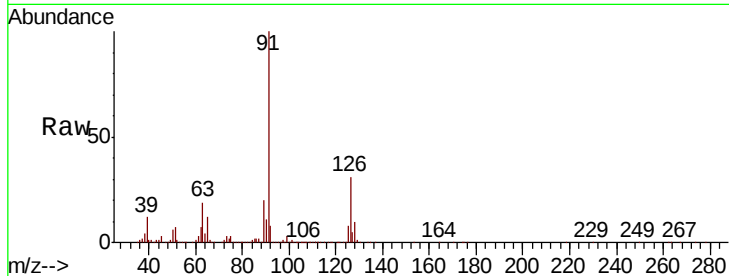
Tgt Ion:	91	Resp:	5625202
Ion	Ratio	Lower	Upper
91	100		
92	54.8	43.8	65.8
134	22.5	18.0	27.0





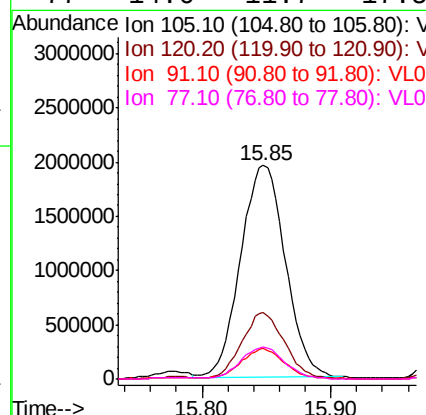
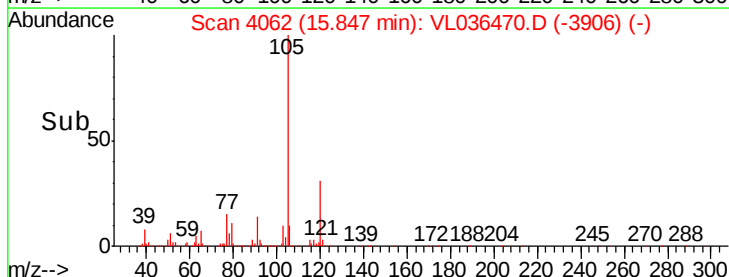
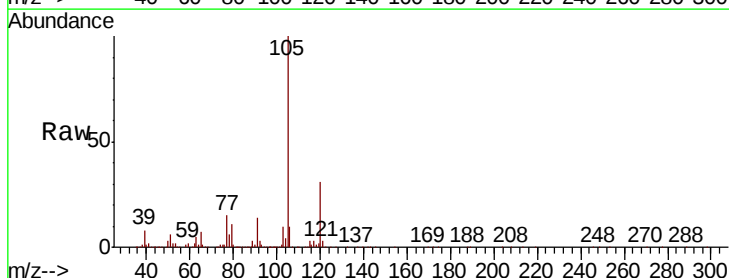
#71
 2-Chlorotoluene
 Concen: 7.861 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 2:01

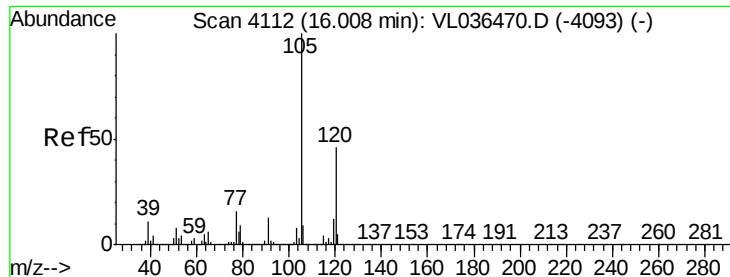
Tot Ion: 91 Resp: 4268965
 Ion Ratio Lower Upper
 91 100
 126 30.3 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 8.883 ppbv
 RT: 15.85 min Scan# 4062
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

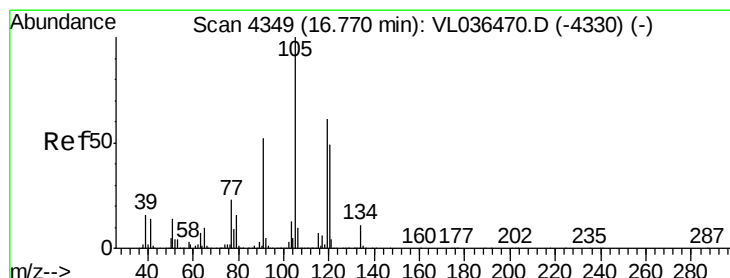
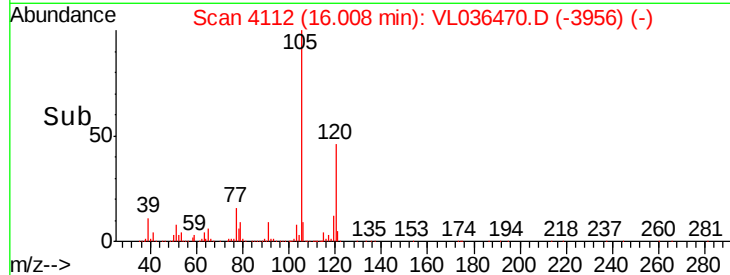
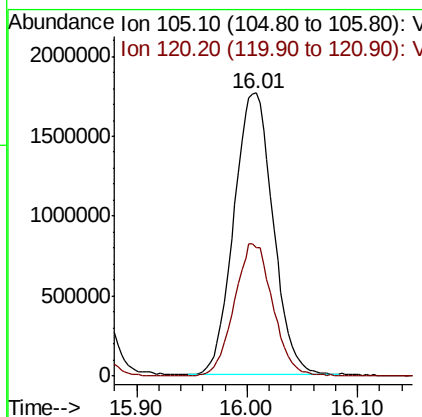
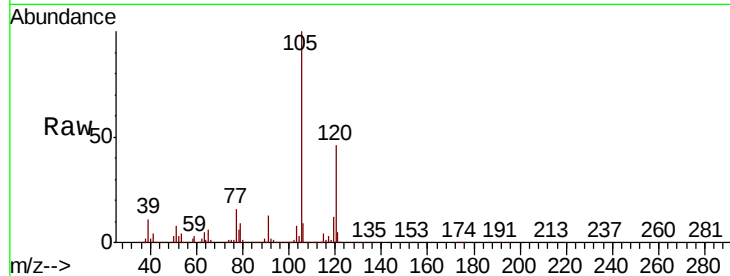
Tgt Ion: 105 Resp: 4733241
 Ion Ratio Lower Upper
 105 100
 120 30.0 24.0 36.0
 91 13.7 11.0 16.4
 77 14.6 11.7 17.5





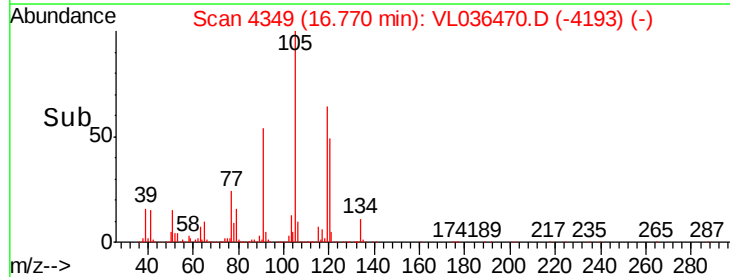
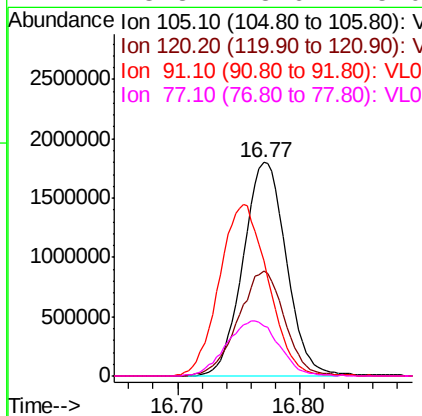
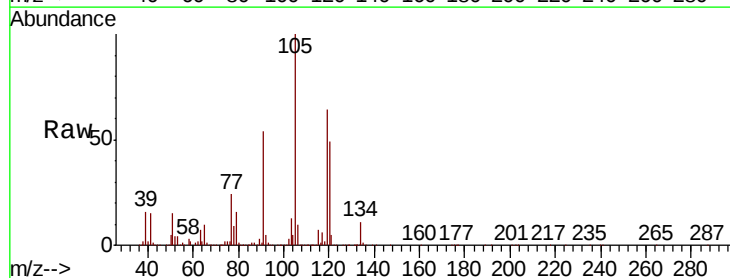
#73
 1,3,5-Trimethylbenzene
 Concen: 8.447 ppbv
 RT: 16.01 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 2:01

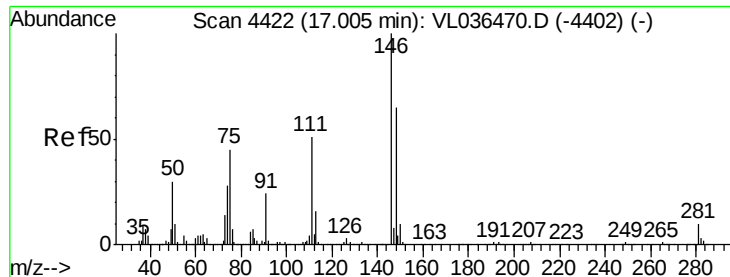
Tot Ion:105 Resp: 4336643
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.6 54.8



#74
 1,2,4-Trimethylbenzene
 Concen: 8.070 ppbv
 RT: 16.77 min Scan# 4349
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

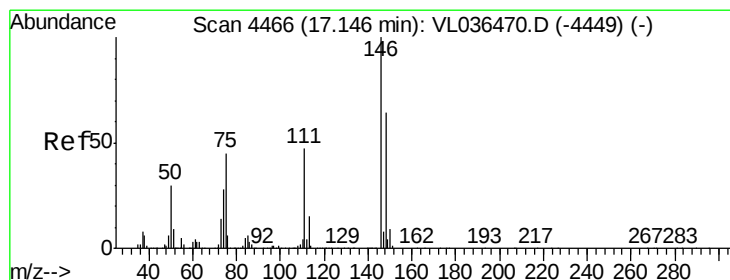
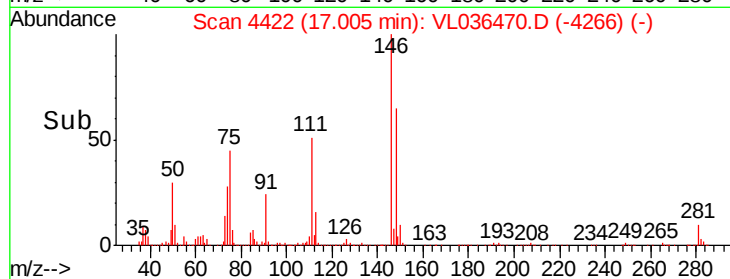
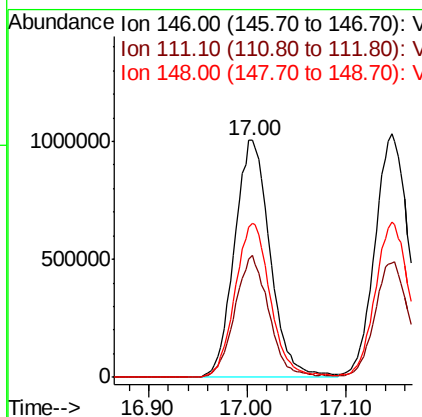
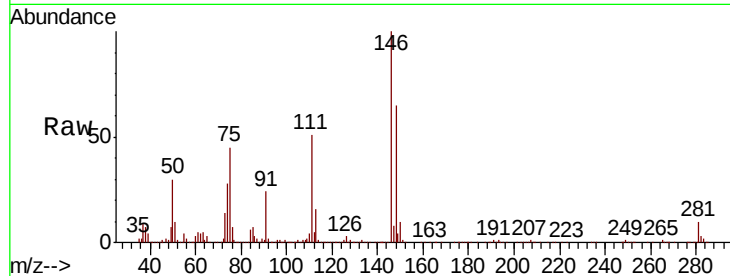
Tgt Ion:105 Resp: 4396804
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.2 58.8
 91 53.3 42.6 64.0
 77 23.3 18.6 28.0





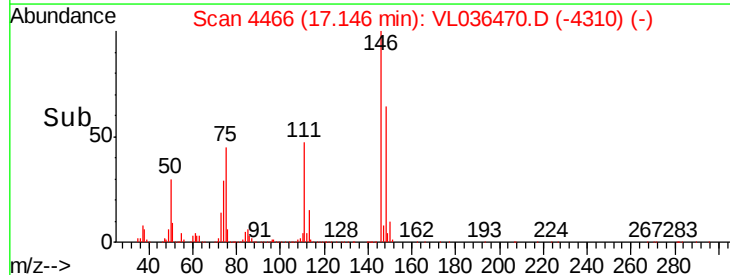
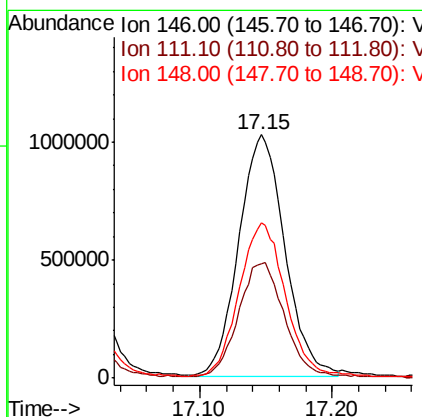
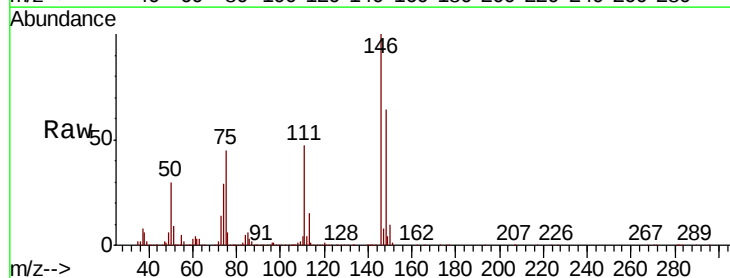
#75
 1,3-Dichlorobenzene
 Concen: 8.291 ppbv
 RT: 17.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 2:01

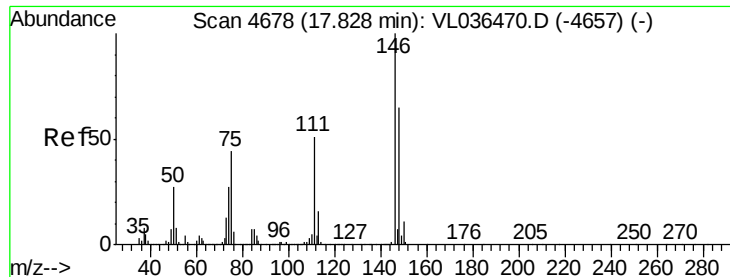
Tot Ion:146 Resp: 2527647
 Ion Ratio Lower Upper
 146 100
 111 49.0 24.6 73.8
 148 64.6 32.3 96.8



#76
 1,4-Dichlorobenzene
 Concen: 8.109 ppbv
 RT: 17.15 min Scan# 4466
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

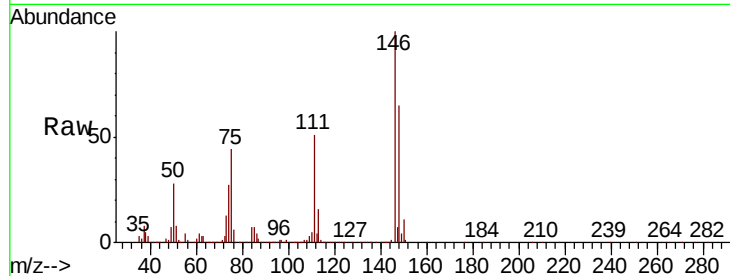
Tgt Ion:146 Resp: 2467478
 Ion Ratio Lower Upper
 146 100
 111 48.5 24.3 73.0
 148 65.9 32.9 98.6



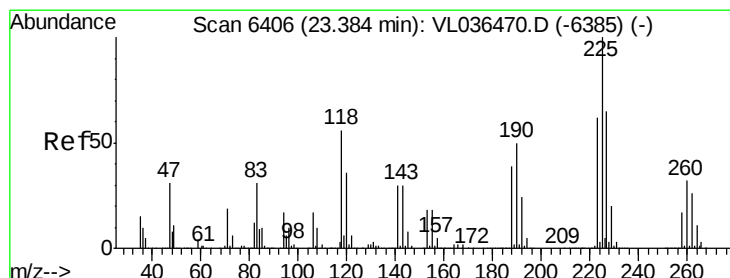
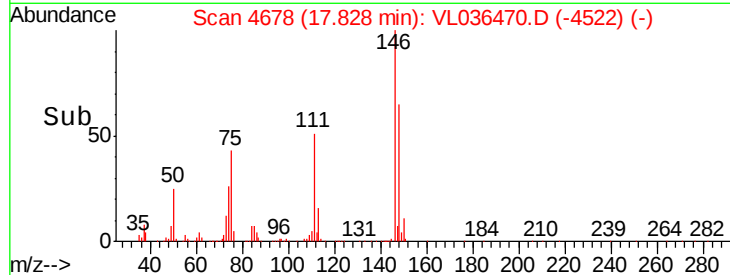
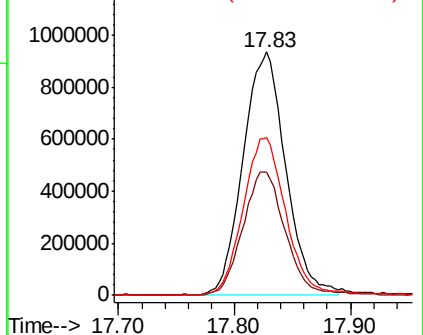


#77
 1,2-Dichlorobenzene
 Concen: 8.013 ppbv
 RT: 17.83 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 2:01

Tot Ion:146 Resp: 2376153
 Ion Ratio Lower Upper
 146 100
 111 51.0 25.5 76.5
 148 65.7 32.9 98.6

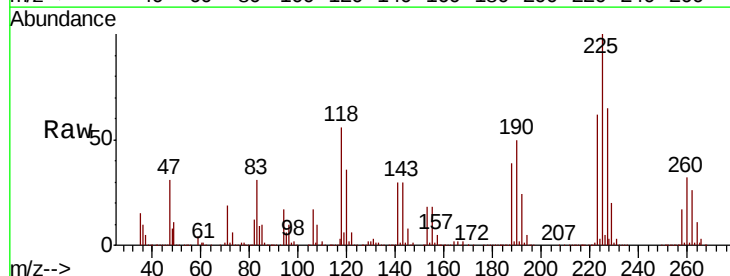


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

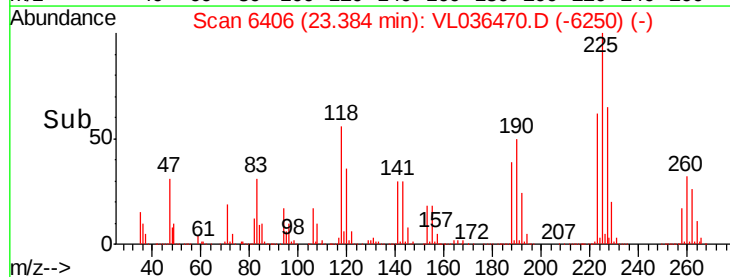
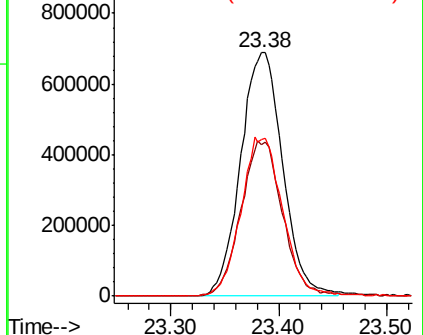


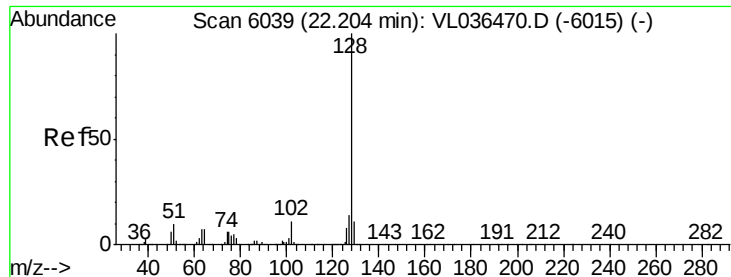
#78
 Hexachloro-1,3-Butadiene
 Concen: 7.769 ppbv
 RT: 23.38 min Scan# 6406
 Delta R.T.: 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion:225 Resp: 1869750
 Ion Ratio Lower Upper
 225 100
 223 63.2 50.9 76.3
 227 65.2 52.2 78.2



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

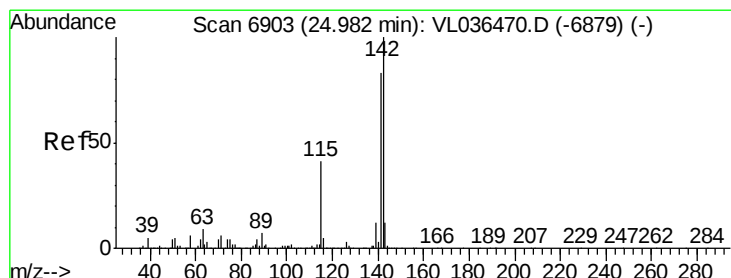
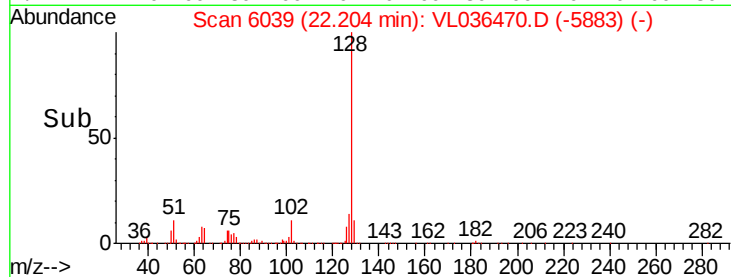
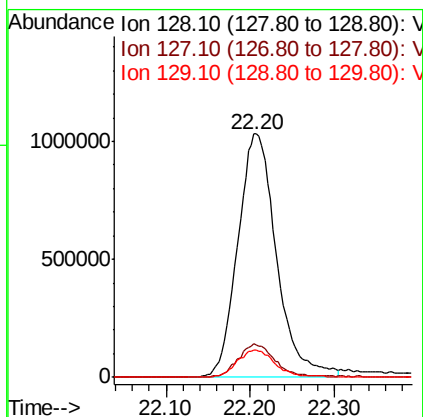
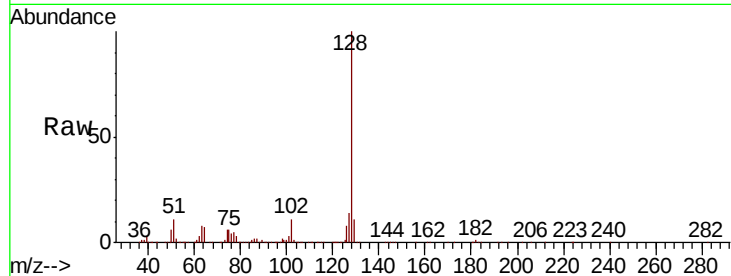




#79
Naphthalene
Concen: 10.157 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 2:01

Tot Ion:128 Resp: 3295206

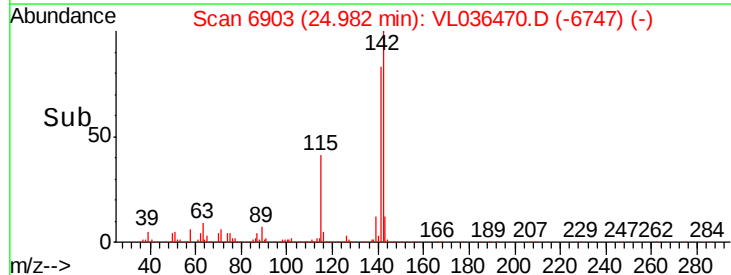
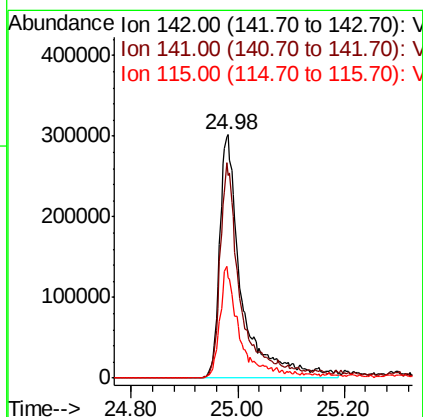
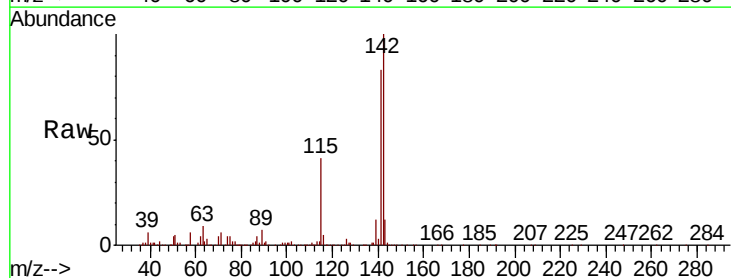
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	11.2	9.0	13.4

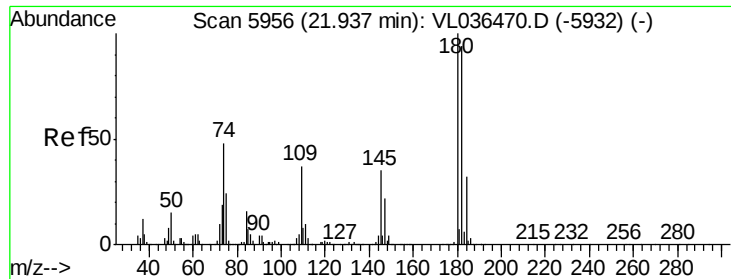


#80
Naphthalene, 2-methyl-
Concen: 12.632 ppbv
RT: 24.98 min Scan# 6903
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion:142 Resp: 872116

Ion	Ratio	Lower	Upper
142	100		
141	84.8	67.7	101.5
115	42.5	33.4	50.2





#81

1,2,4-Trichlorobenzene

Concen: 9.617 ppbv

RT: 21.94

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2.01

Tot Ion:180 Resp: 1823353

Ion Ratio Lower Upper

180 100

182 101.0 83.0 124.4

184 31.2 25.2 37.8

