

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030221\
 Data File : VL036431.D
 Acq On : 2 Mar 2021 16:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Quant Time: Mar 03 03:12:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1581121	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	3695663	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4263480	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2884504	8.22	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	1897279	8.040 ppbv	99
3) Chlorodifluoromethane	2.97	51	1777442	9.048 ppbv	99
4) Chloromethane	3.13	50	868242	9.148 ppbv	99
5) Vinyl Chloride	3.24	62	839910	9.503 ppbv	98
6) Bromomethane	3.46	94	494556	9.415 ppbv	94
7) Chloroethane	3.55	64	299852	9.555 ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	1986740	9.257 ppbv	99
9) Propene	3.00	41	802416	10.955 ppbv	99
10) Heptane	8.11	43	2086759	9.667 ppbv	100
11) Trichlorofluoromethane	3.94	101	2123126	9.188 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1330632	9.296 ppbv	100
13) Ethanol	3.60	45	42500	3.089 ppbv #	1
14) Bromoethene	3.73	108	571488	9.540 ppbv	99
15) Acetone	3.84	43	1677475	8.679 ppbv	98
16) 1,3-Butadiene	3.31	39	844944	9.143 ppbv	99
17) tert-Butyl alcohol	4.28	59	1389076	9.259 ppbv	100
18) 1,1-Dichloroethene	4.28	96	582685	8.958 ppbv	99
19) Isopropyl Alcohol	3.96	45	910174	8.500 ppbv #	95
20) Methylene Chloride	4.33	84	500362	8.025 ppbv	96
21) Allyl Chloride	4.40	41	936198	8.700 ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	554244	9.380 ppbv	98
23) Vinyl Acetate	5.06	43	2184690	9.614 ppbv	99
24) 1,1-Dichloroethane	5.00	63	1532783	9.120 ppbv	99
25) Ethyl Acetate	5.66	43	3435818	9.208 ppbv	99
26) Hexane	5.68	57	1401538	9.142 ppbv	99
27) Carbon Disulfide	4.54	76	1462005	10.376 ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	1868747	9.331 ppbv	100
29) Chloroform	5.74	83	2290802	9.275 ppbv	99
30) Cyclohexane	7.12	84	1189350	9.328 ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	1408368	9.284 ppbv	97
32) 1,1,1-Trichloroethane	6.50	97	2193765	9.501 ppbv	99
34) 2-Butanone	5.23	43	2218408	9.035 ppbv	100
35) Carbon Tetrachloride	7.01	117	2268076	9.157 ppbv	95
36) Benzene	6.88	78	2925615	9.319 ppbv	98
37) 1,2-Dichloroethane	6.30	62	1728849	8.907 ppbv	100
38) Trichloroethene	7.83	130	1004094	8.928 ppbv	95
39) 1,2-Dichloropropane	7.61	63	1179536	9.249 ppbv	97
40) 1,4-Dioxane	7.82	88	389203	8.809 ppbv #	85
41) Tetrahydrofuran	6.04	42	1262984	9.217 ppbv	99
42) Bromodichloromethane	7.78	83	2428305	9.341 ppbv	99
43) Methyl Methacrylate	8.00	69	1300053	9.819 ppbv	100

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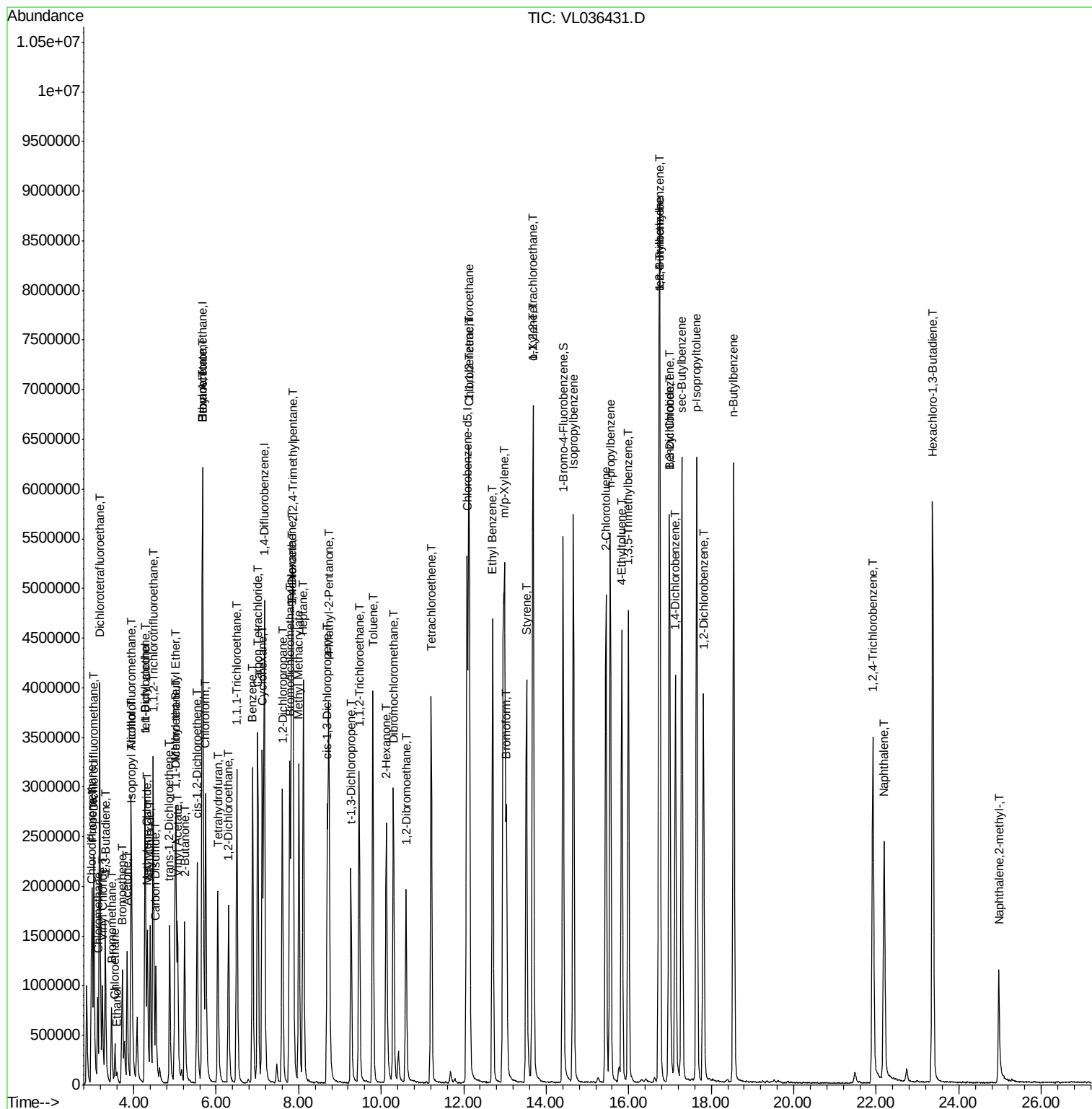
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44) 2,2,4-Trimethylpentane	7.86	57	5056535	8.858	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1370371	10.730	ppbv	99
46) cis-1,3-Dichloropropene	8.69	75	1672632	10.310	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1180367	9.044	ppbv	96
48) Dibromochloromethane	10.30	129	1908308	9.799	ppbv	100
49) Bromoform	13.03	173	1556879	9.889	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	3411248	9.358	ppbv	99
51) 2-Hexanone	10.12	43	2790768	10.076	ppbv	97
52) Tetrachloroethene	11.21	164	946812	8.238	ppbv	95
53) Toluene	9.80	91	3265249	9.602	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1731851	9.183	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.11	131	1439253	7.339	ppbv	98
57) Chlorobenzene	12.14	112	2337304	7.096	ppbv	98
58) Ethyl Benzene	12.70	91	4399538	7.536	ppbv	99
59) m/p-Xylene	12.99	91	3757245	7.327	ppbv #	33
60) o-Xylene	13.68	91	3512700	7.164	ppbv	100
61) Styrene	13.52	104	2481698	8.167	ppbv	98
62) Isopropylbenzene	14.66	105	5161163	7.023	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	2454880	6.346	ppbv	100
64) n-propylbenzene	15.55	120	1338794	7.402	ppbv	99
65) tert-Butylbenzene	16.74	119	4341877	6.905	ppbv	99
66) Benzyl Chloride	16.98	91	1476448	8.637	ppbv	100
67) sec-Butylbenzene	17.29	105	6254580	6.897	ppbv	99
69) p-Isopropyltoluene	17.65	119	5115802	7.300	ppbv	99
70) n-Butylbenzene	18.54	91	5430269	7.226	ppbv	99
71) 2-Chlorotoluene	15.45	91	3987168	7.077	ppbv	99
72) 4-Ethyltoluene	15.84	105	3974946	7.285	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	3737406	7.066	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	3769177	6.980	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	2059348	7.026	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2038774	6.699	ppbv	97
77) 1,2-Dichlorobenzene	17.81	146	2058552	7.080	ppbv	98
78) Hexachloro-1,3-Butadiene	23.37	225	1647713	6.936	ppbv	100
79) Naphthalene	22.19	128	1520521	4.750	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	848902	14.323	ppbv	98
81) 1,2,4-Trichlorobenzene	21.92	180	753195	3.857	ppbv #	1

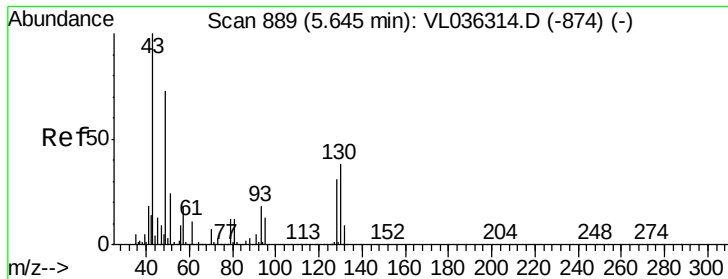
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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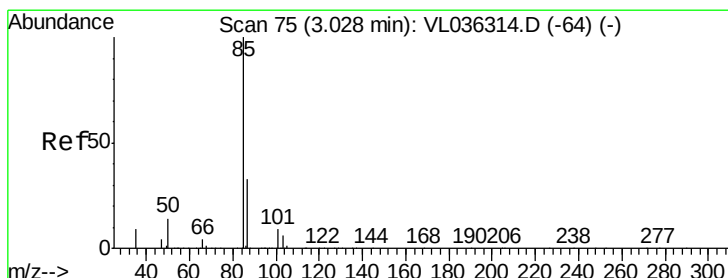
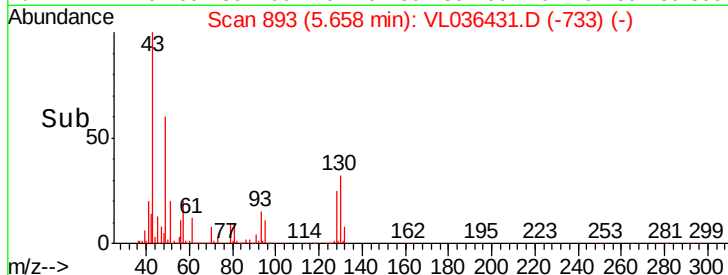
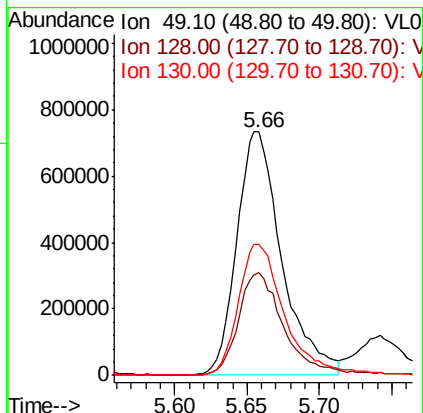
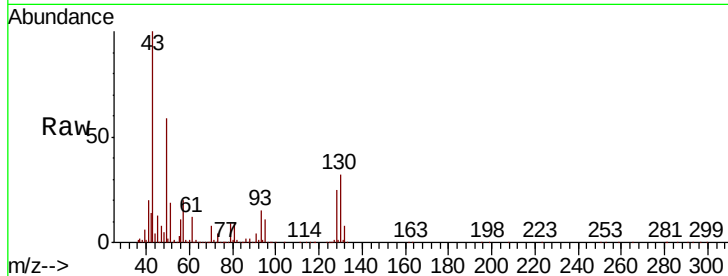




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

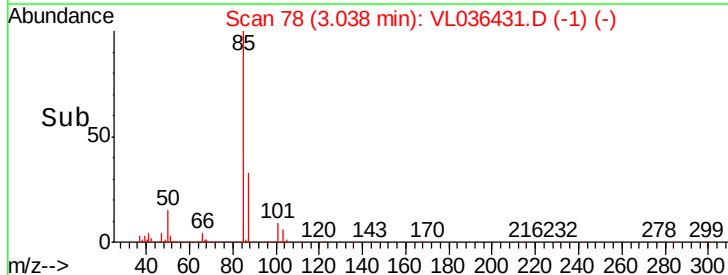
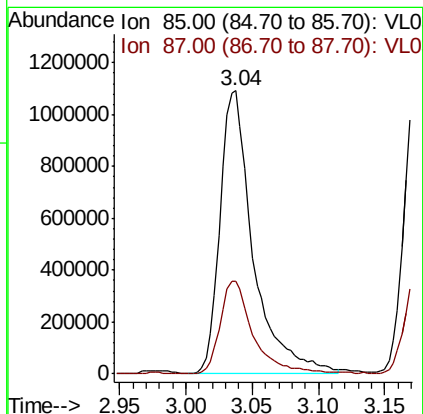
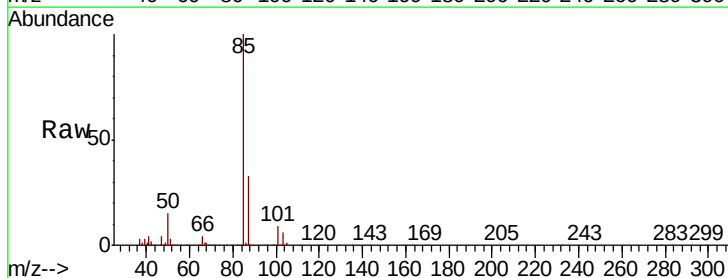
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

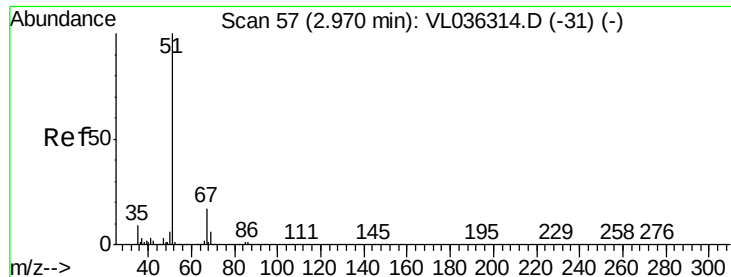
Tot Ion: 49 Resp: 1581121
 Ion Ratio Lower Upper
 49 100
 128 43.4 20.8 62.5
 130 56.3 26.7 80.1



#2
 Dichlorodifluoromethane
 Concen: 8.040 ppbv
 RT: 3.04 min Scan# 78
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion: 85 Resp: 1897279
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.5 39.7

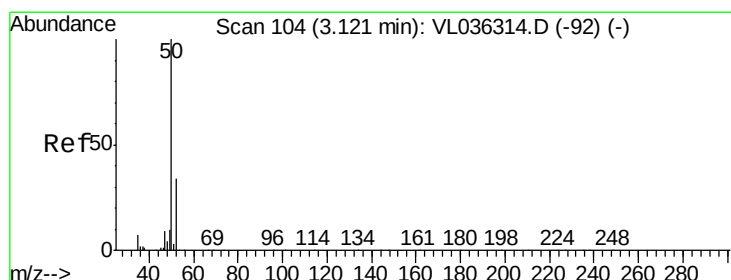
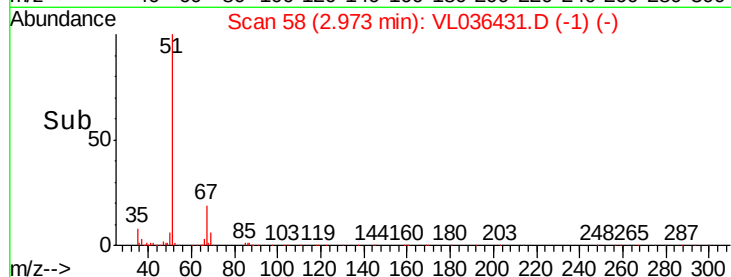
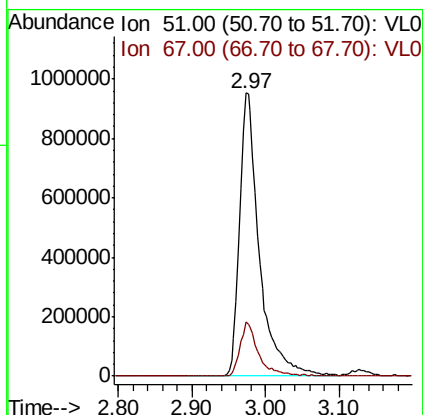
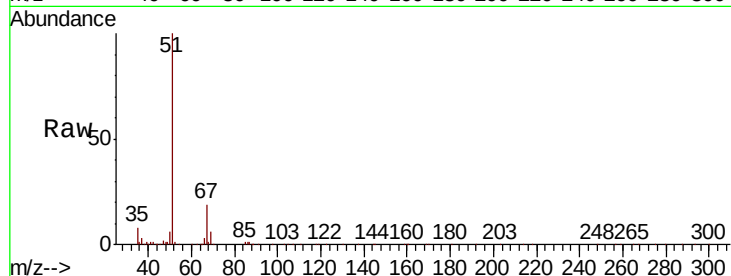




#3
 Chlorodifluoromethane
 Concen: 9.048 ppbv
 RT: 2.97 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

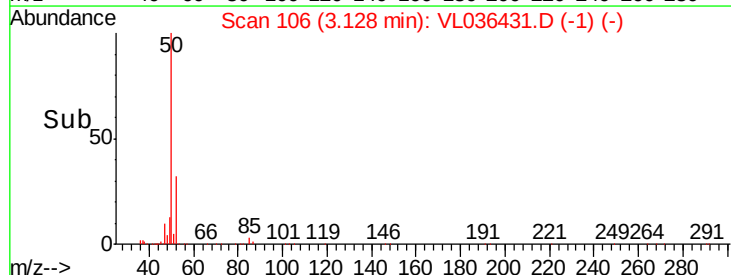
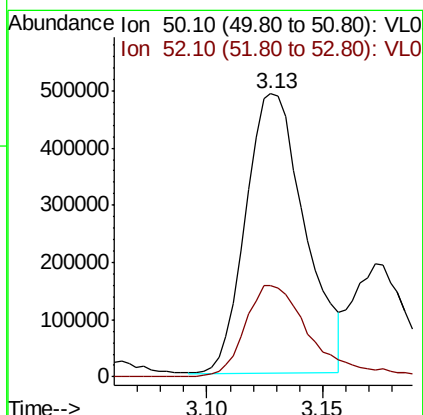
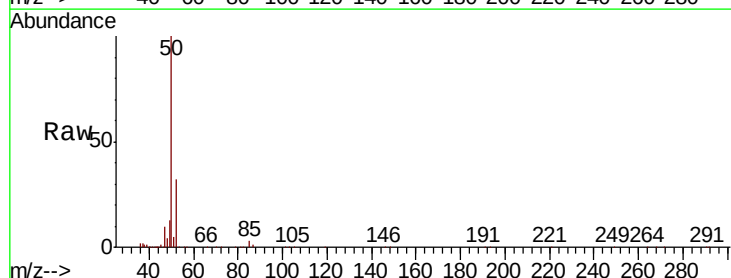
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

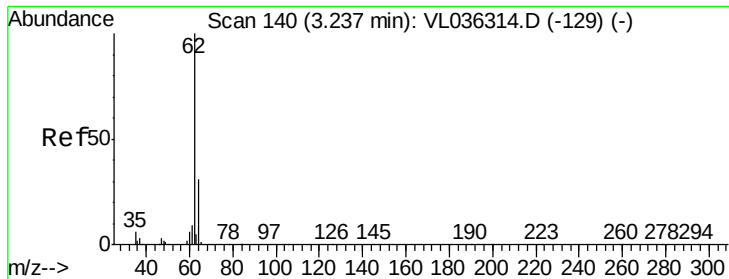
Tot Ion: 51 Resp: 1777442
 Ion Ratio Lower Upper
 51 100
 67 17.9 14.7 22.1



#4
 Chloromethane
 Concen: 9.148 ppbv
 RT: 3.13 min Scan# 106
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion: 50 Resp: 868242
 Ion Ratio Lower Upper
 50 100
 52 32.9 27.0 40.4





#5

Vinyl Chloride

Concen: 9.503 ppbv

RT: 3.24 min Scan# 142

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

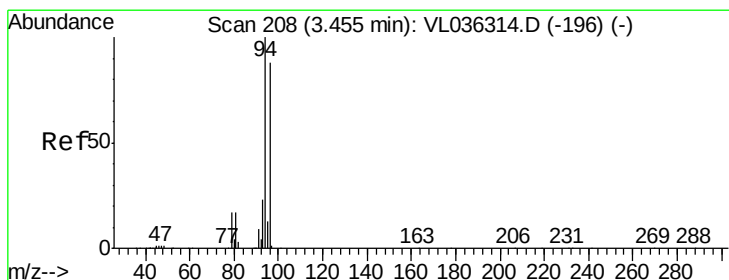
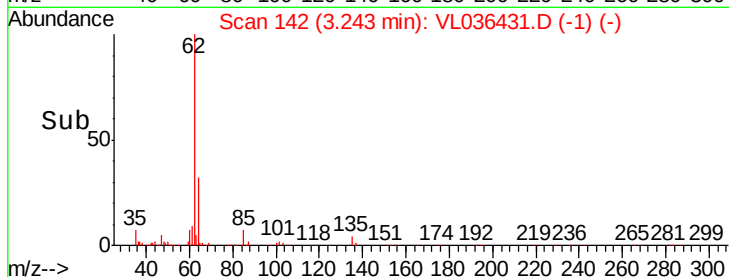
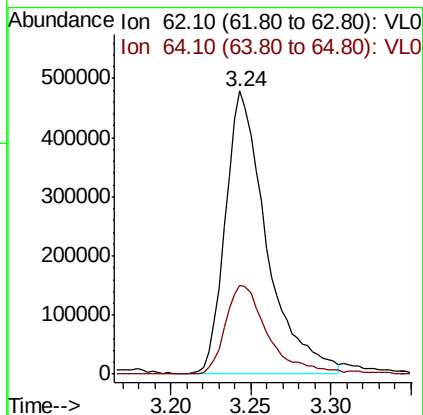
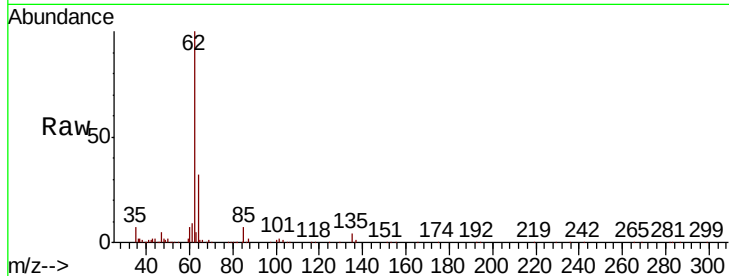
VSTDCCC010EC

Tot Ion: 62 Resp: 839910

Ion Ratio Lower Upper

62 100

64 31.5 24.4 36.6



#6

Bromomethane

Concen: 9.415 ppbv

RT: 3.46 min Scan# 209

Delta R.T. 0.00 min

Lab File: VL036431.D

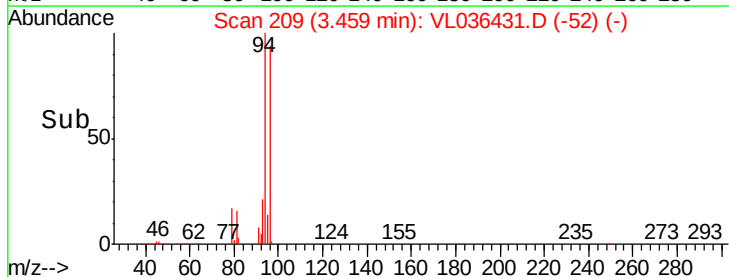
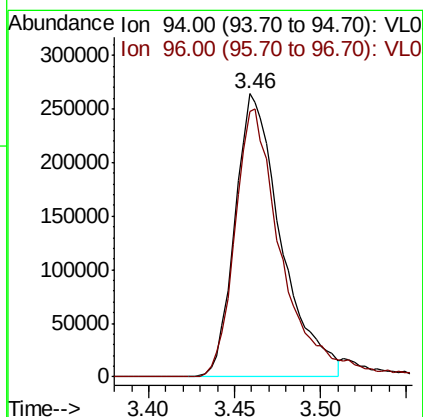
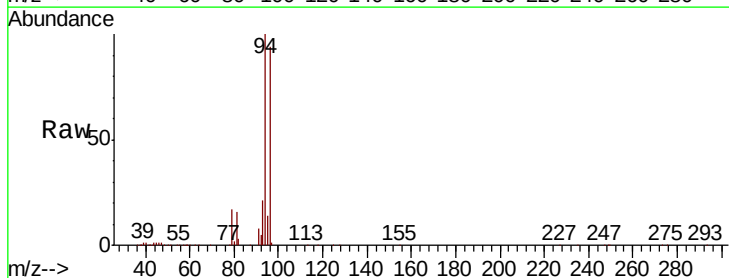
Acq: 2 Mar 2021 16:20

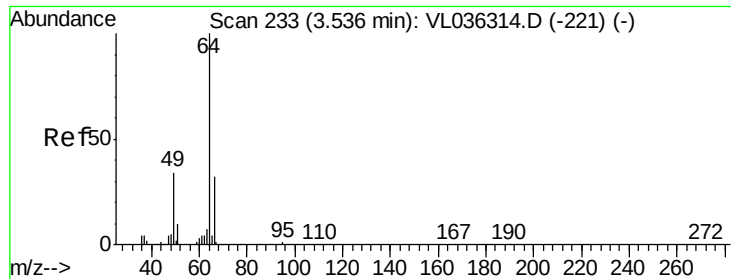
Tgt Ion: 94 Resp: 494556

Ion Ratio Lower Upper

94 100

96 93.8 70.8 106.2





#7

Chloroethane

Concen: 9.555 ppbv

RT: 3.55 min Scan# 236

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

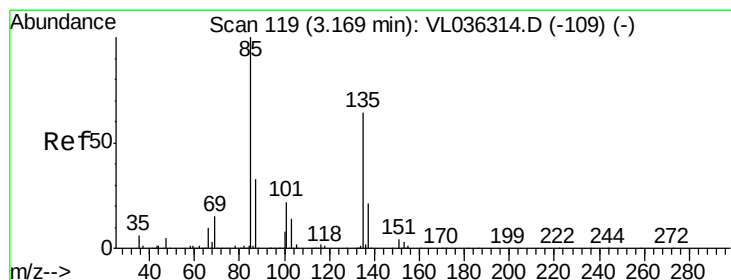
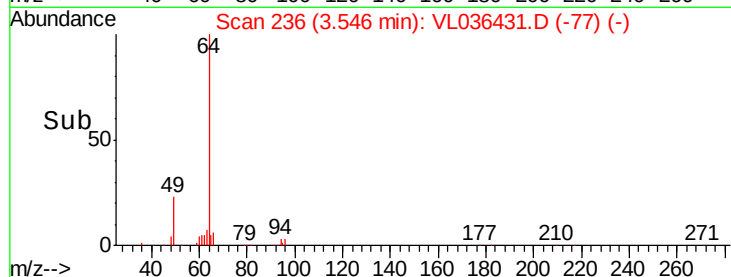
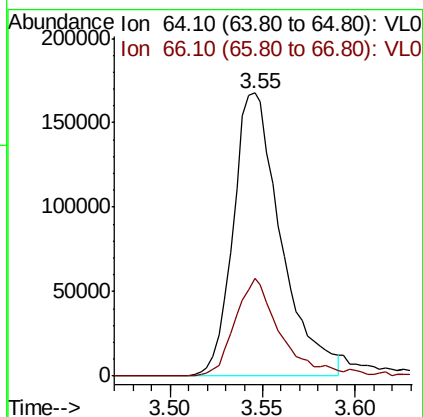
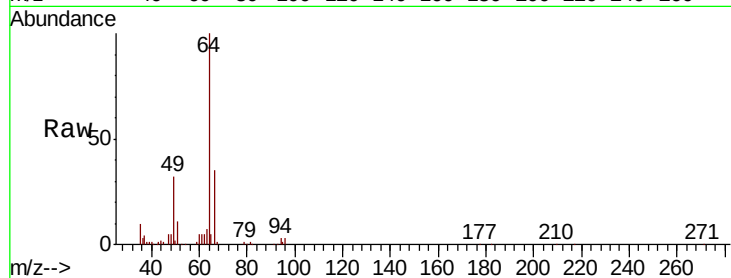
VSTDCCC010EC

Tot Ion: 64 Resp: 299852

Ion Ratio Lower Upper

64 100

66 34.6 25.6 38.4



#8

Dichlorotetrafluoroethane

Concen: 9.257 ppbv

RT: 3.18 min Scan# 121

Delta R.T. 0.01 min

Lab File: VL036431.D

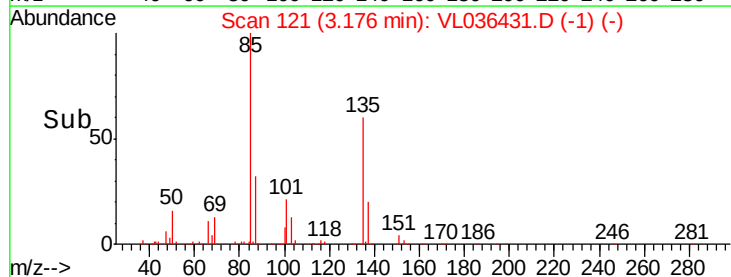
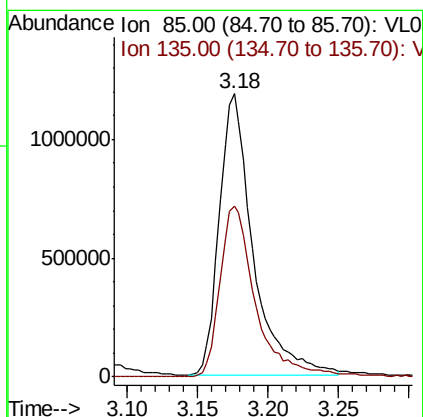
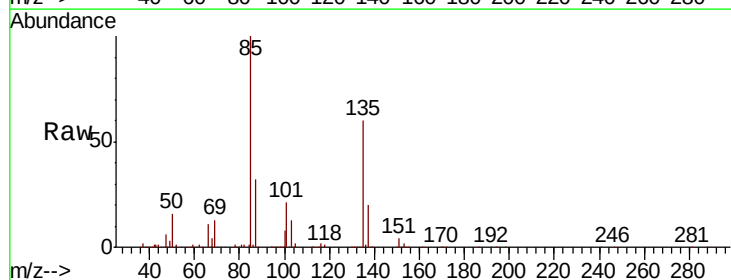
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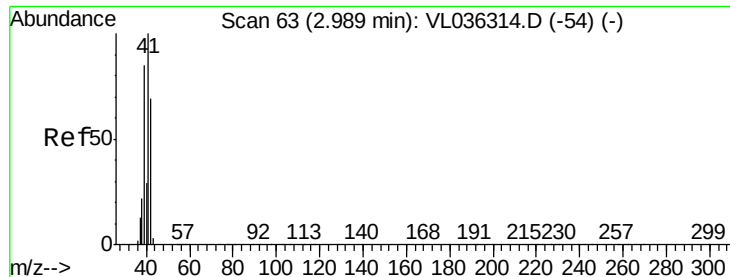
Tgt Ion: 85 Resp: 1986740

Ion Ratio Lower Upper

85 100

135 64.7 51.1 76.7





#9

Propene

Concen: 10.955 ppbv

RT: 3.00 min Scan# 66

Delta R.T. 0.01 min

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ClientSampleId :

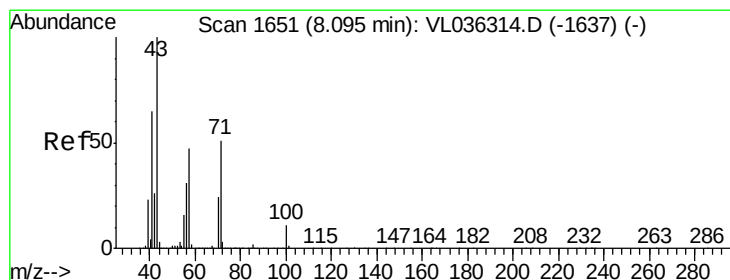
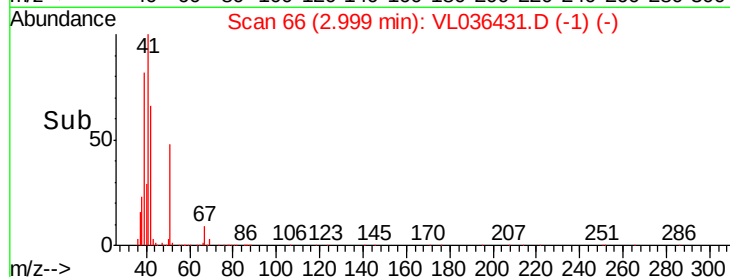
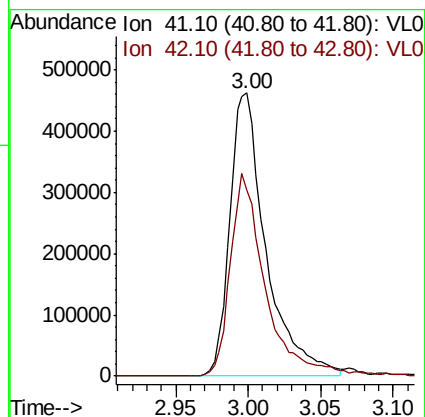
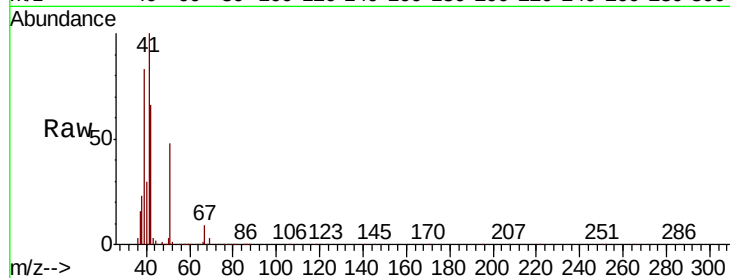
VSTDCCC010EC

Tot Ion: 41 Resp: 802416

Ion Ratio Lower Upper

41 100

42 69.2 56.2 84.2



#10

Heptane

Concen: 9.667 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. 0.02 min

Lab File: VL036431.D

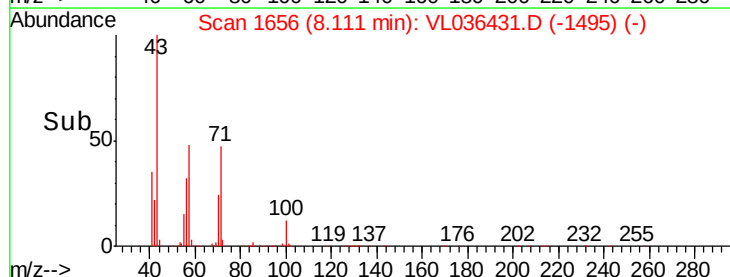
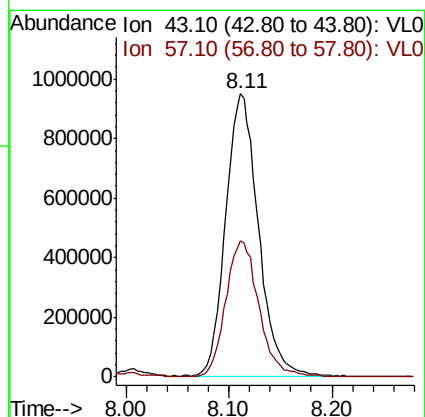
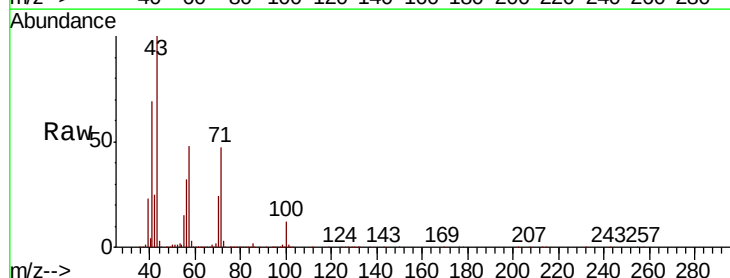
Acq: 2 Mar 2021 16:20

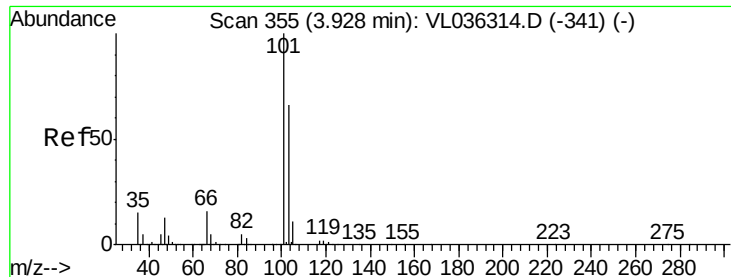
Tgt Ion: 43 Resp: 2086759

Ion Ratio Lower Upper

43 100

57 49.1 39.4 59.2

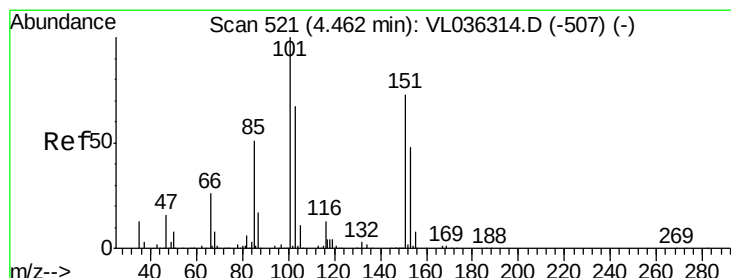
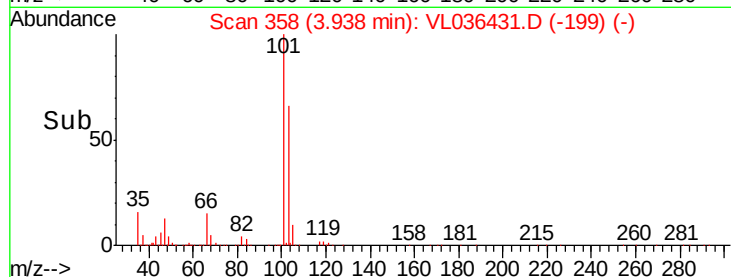
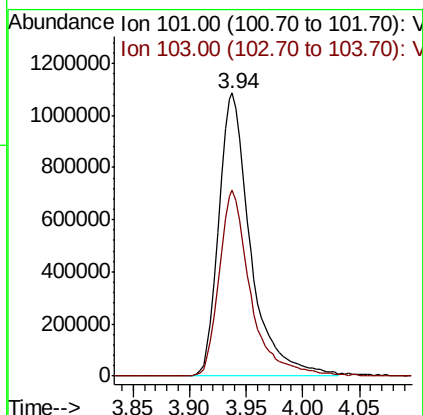
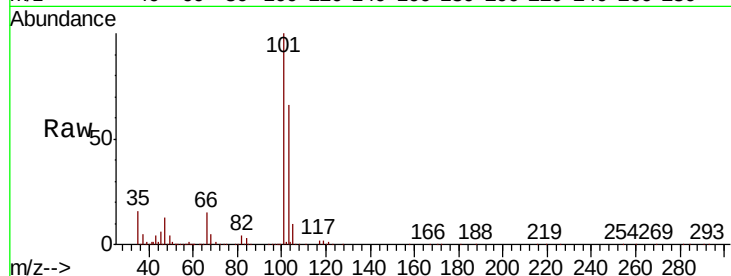




#11
 Trichlorofluoromethane
 Concen: 9.188 ppbv
 RT: 3.94 min Scan# 358
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

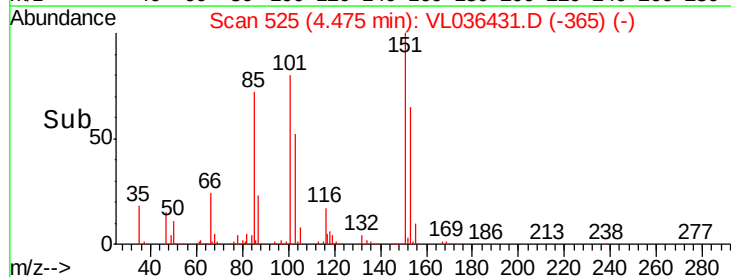
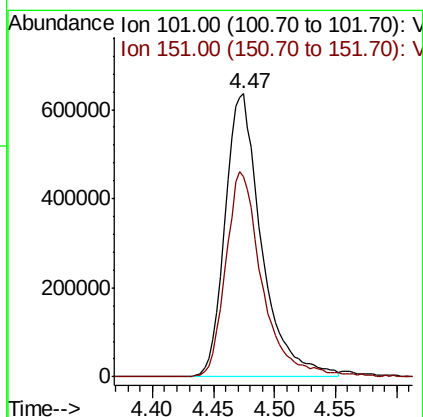
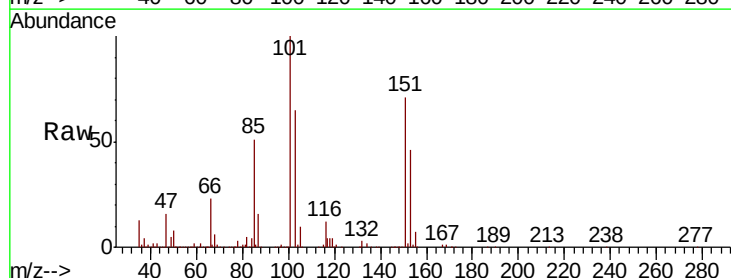
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

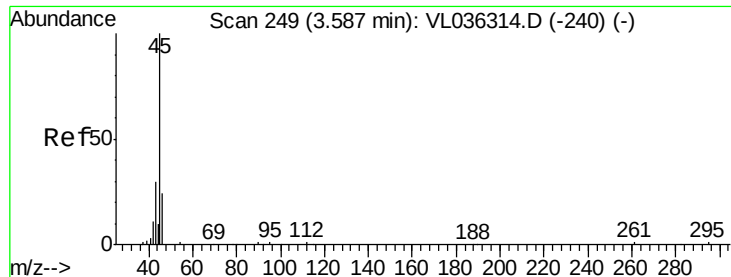
Tot Ion:101 Resp: 2123126
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.9 79.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.296 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion:101 Resp: 1330632
 Ion Ratio Lower Upper
 101 100
 151 72.7 58.2 87.4

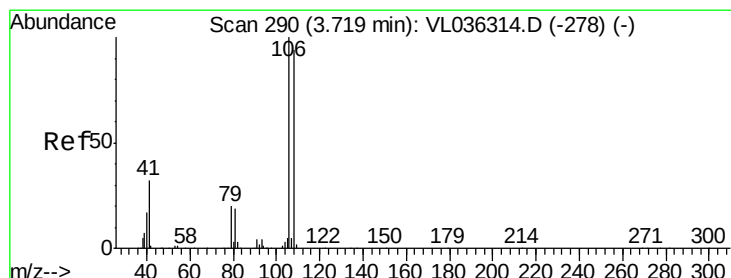
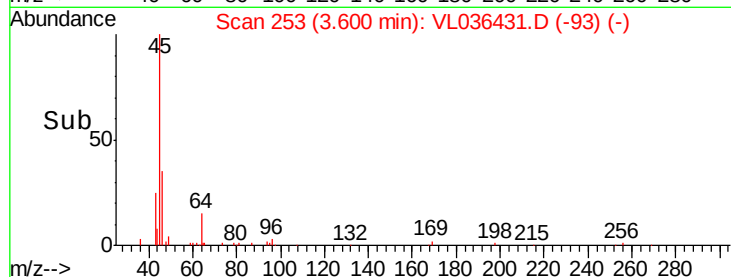
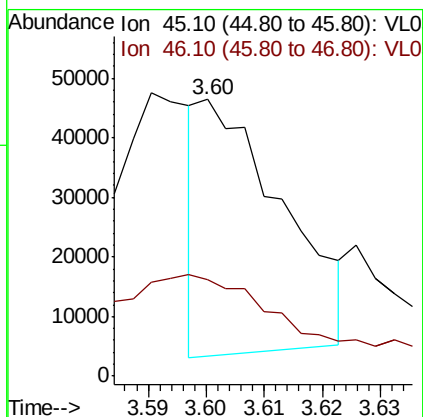
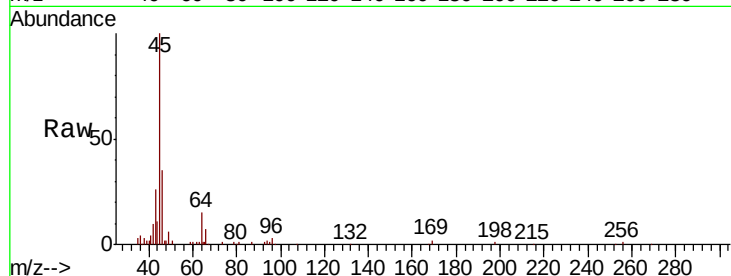




#13
Ethanol
Concen: 3.089 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

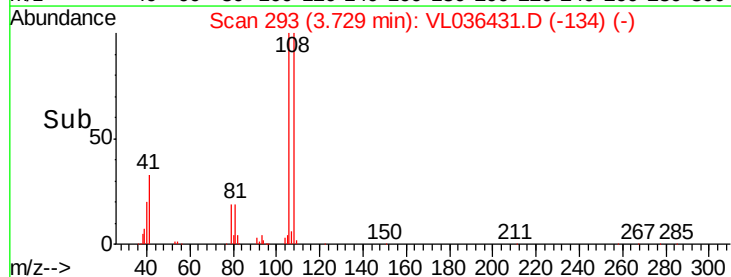
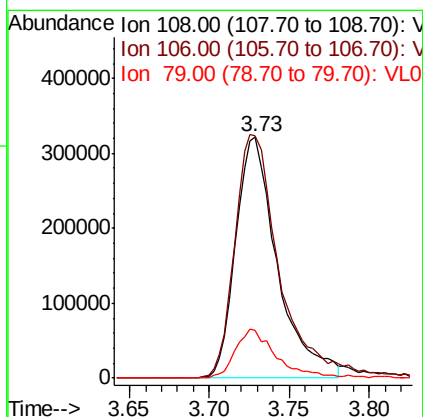
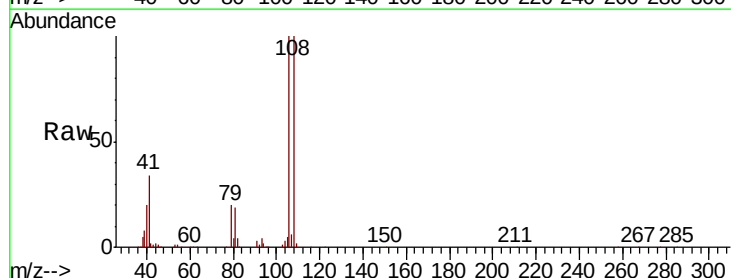
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

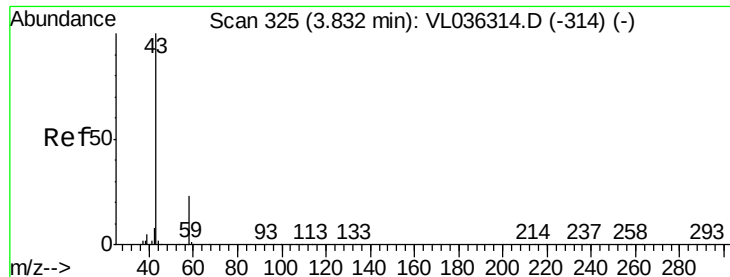
Tot Ion: 45 Resp: 42500
Ion Ratio Lower Upper
45 100
46 109.6 17.7 70.7#



#14
Bromoethene
Concen: 9.540 ppbv
RT: 3.73 min Scan# 293
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

Tgt Ion: 108 Resp: 571488
Ion Ratio Lower Upper
108 100
106 110.8 89.8 134.8
79 21.0 17.1 25.7

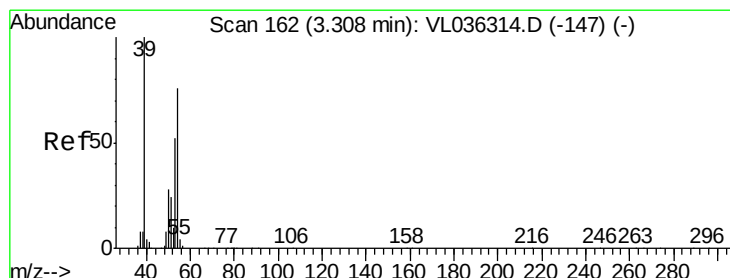
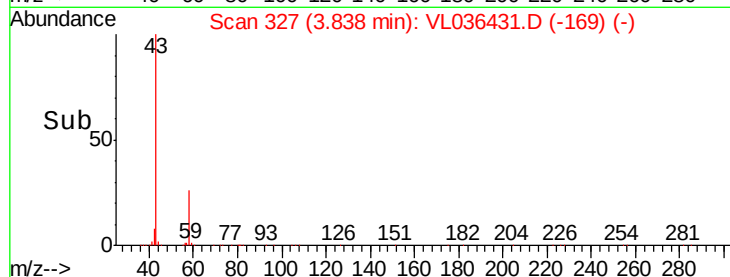
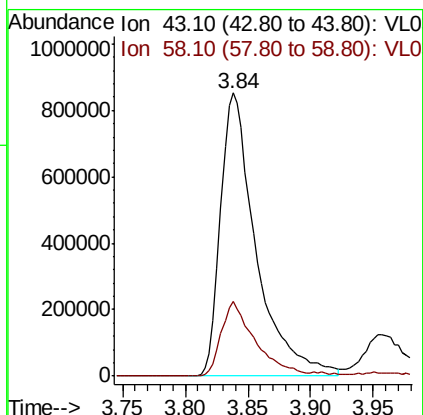
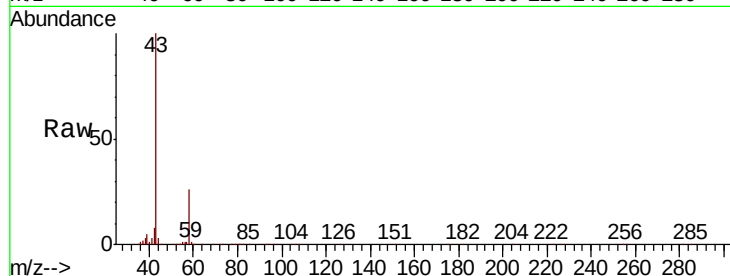




#15
Acetone
Concen: 8.679 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

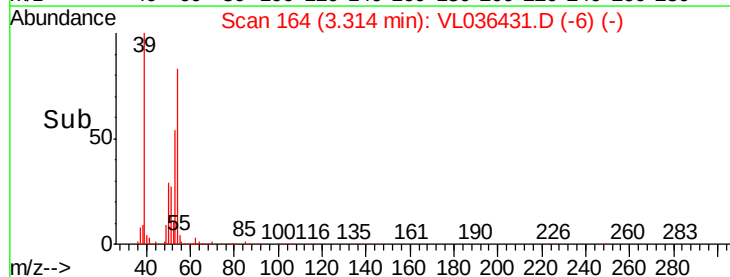
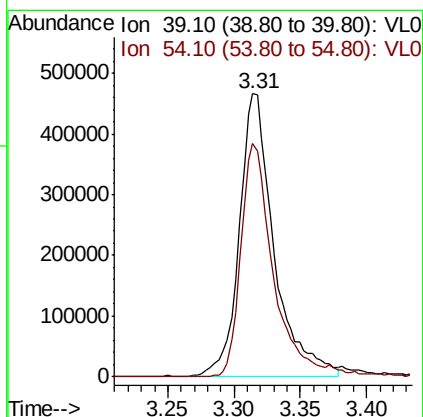
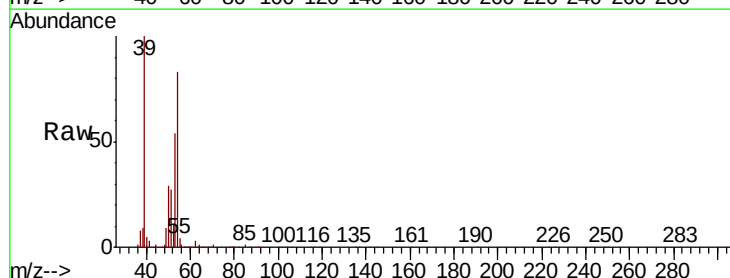
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

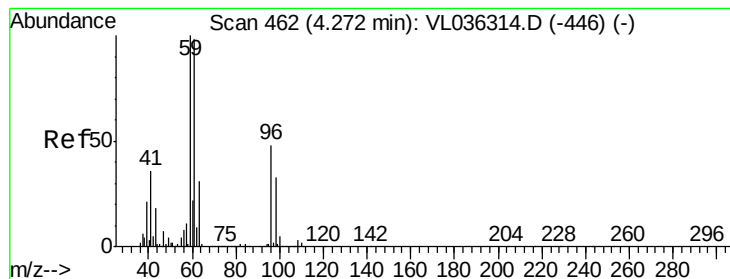
Tot Ion: 43 Resp: 1677475
Ion Ratio Lower Upper
43 100
58 26.2 20.3 30.5



#16
1,3-Butadiene
Concen: 9.143 ppbv
RT: 3.31 min Scan# 164
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

Tgt Ion: 39 Resp: 844944
Ion Ratio Lower Upper
39 100
54 79.6 64.4 96.6





#17

tert-Butyl alcohol

Concen: 9.259 ppbv

RT: 4.28 min Scan# 465

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

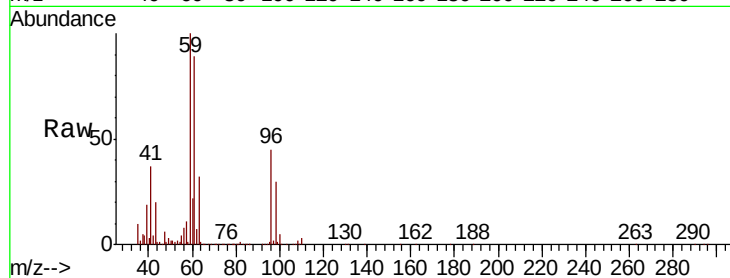
VSTDCCC010EC

Tot Ion: 59 Resp: 1389076

Ion Ratio Lower Upper

59 100

57 11.4 9.0 13.4



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.28

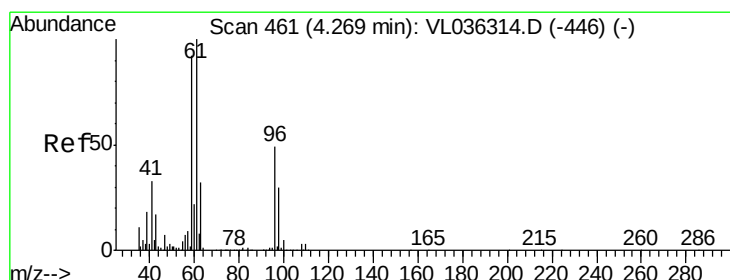
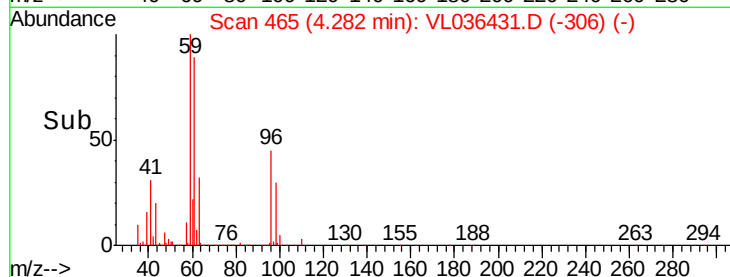
600000

400000

200000

0

Time-->



#18

1,1-Dichloroethene

Concen: 8.958 ppbv

RT: 4.28 min Scan# 463

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

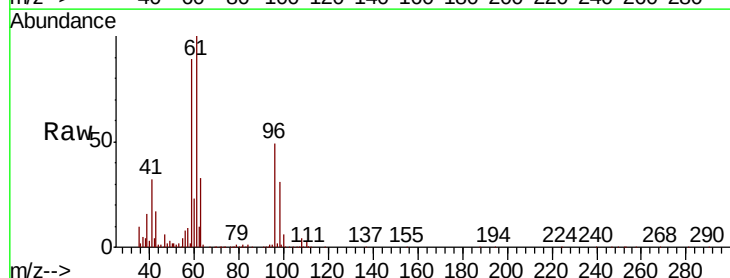
Tgt Ion: 96 Resp: 582685

Ion Ratio Lower Upper

96 100

61 203.3 162.5 243.7

98 63.2 48.5 72.7



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

800000

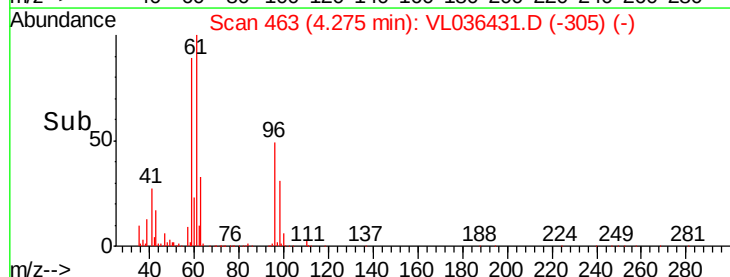
600000

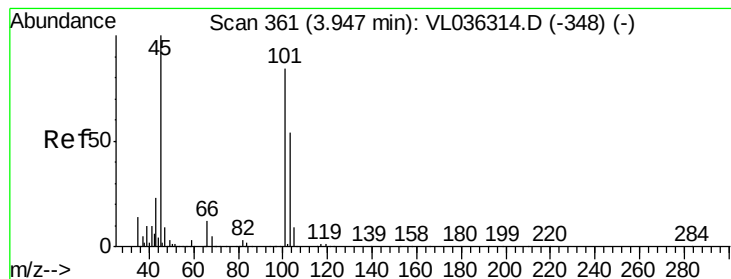
400000

200000

0

Time-->





#19

Isopropyl Alcohol

Concen: 8.500 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

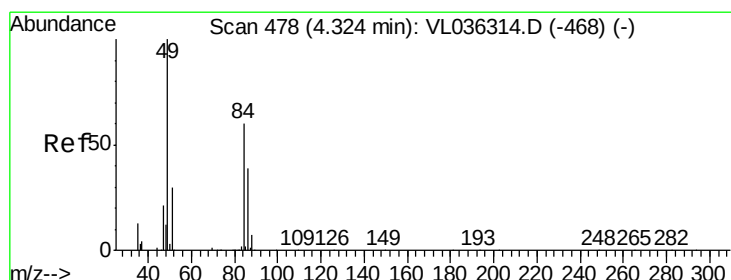
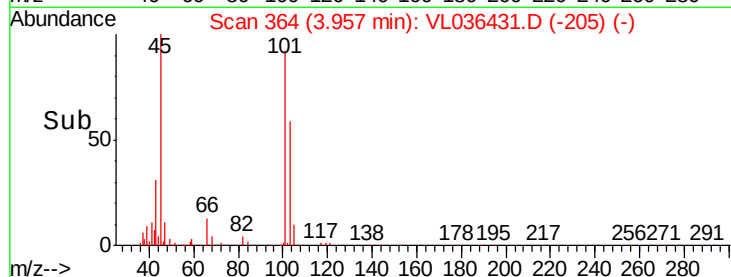
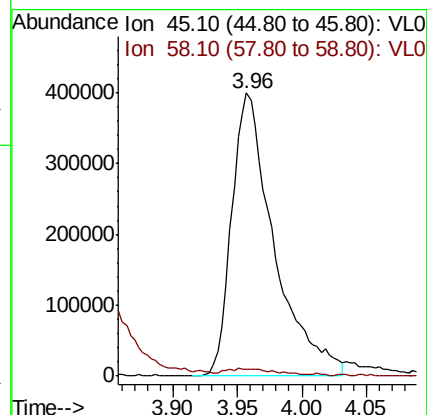
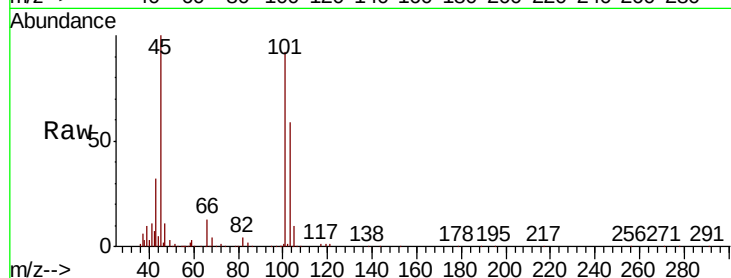
VSTDCCC010EC

Tot Ion: 45 Resp: 910174

Ion Ratio Lower Upper

45 100

58 4.2 1.9 2.9#



#20

Methylene Chloride

Concen: 8.025 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Tgt Ion: 84 Resp: 500362

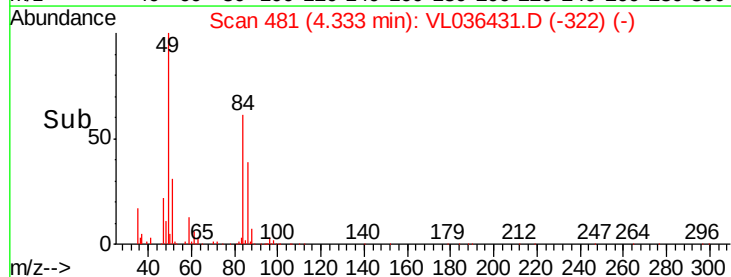
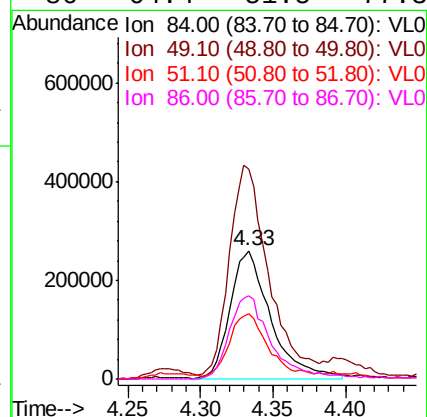
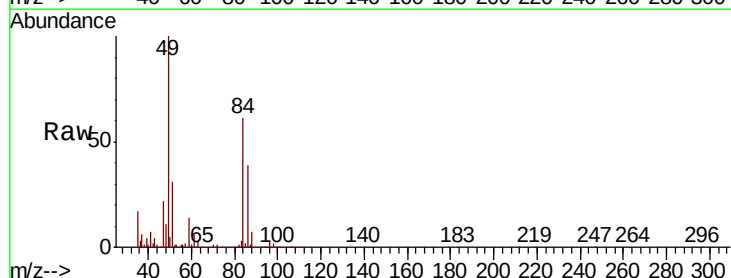
Ion Ratio Lower Upper

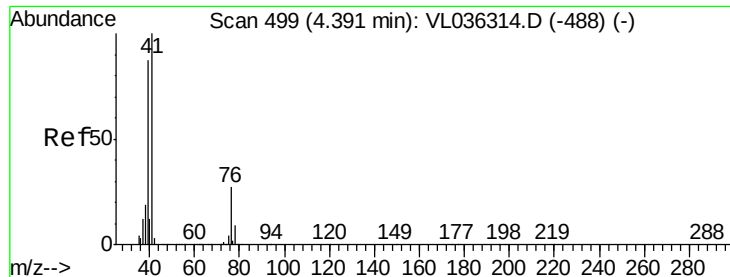
84 100

49 160.5 133.8 200.8

51 47.8 41.4 62.0

86 64.4 51.5 77.3

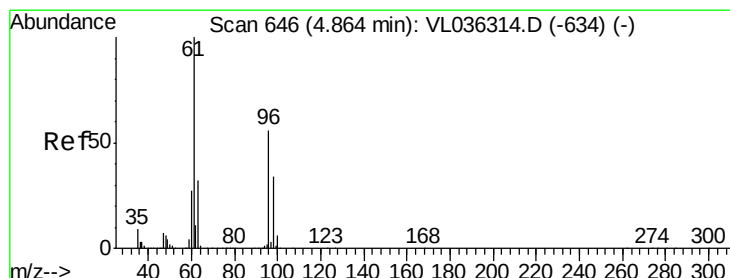
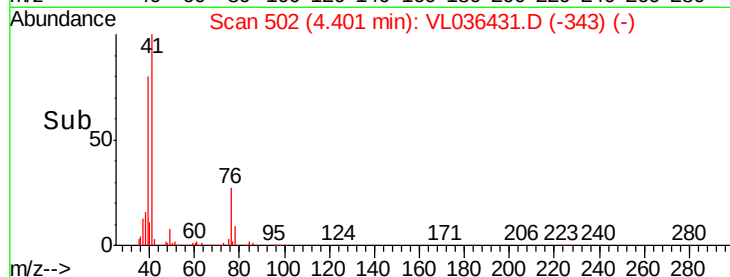
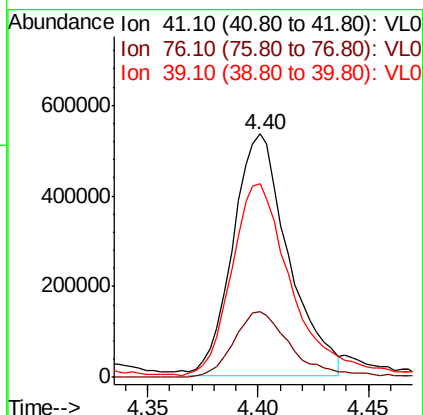
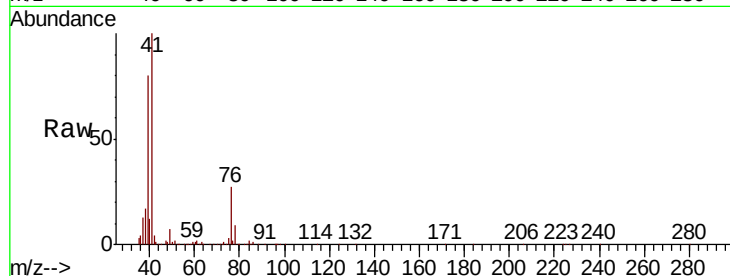




#21
Allvl Chloride
Concen: 8.700 ppbv
RT: 4.40 min Scan# 502
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

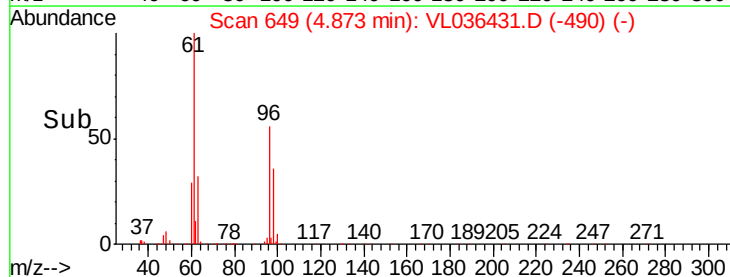
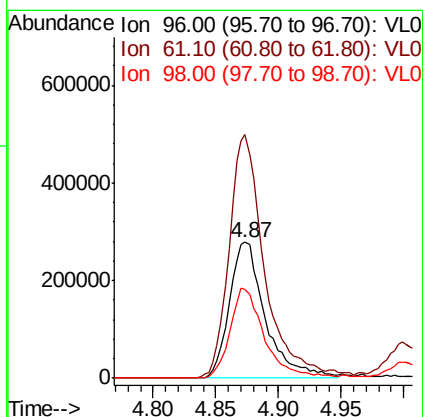
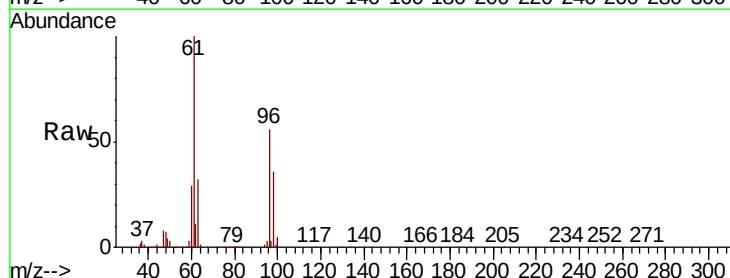
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

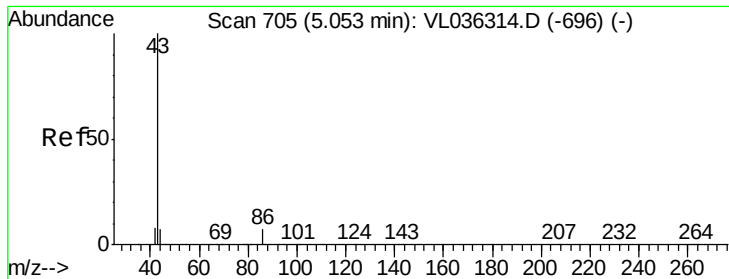
Tot Ion: 41 Resp: 936198
Ion Ratio Lower Upper
41 100
76 28.7 22.0 33.0
39 87.7 70.2 105.2



#22
trans-1,2-Dichloroethene
Concen: 9.380 ppbv
RT: 4.87 min Scan# 649
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

Tgt Ion: 96 Resp: 554244
Ion Ratio Lower Upper
96 100
61 179.0 143.7 215.5
98 65.0 48.5 72.7



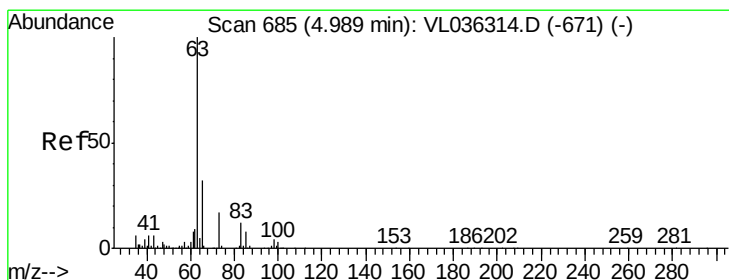
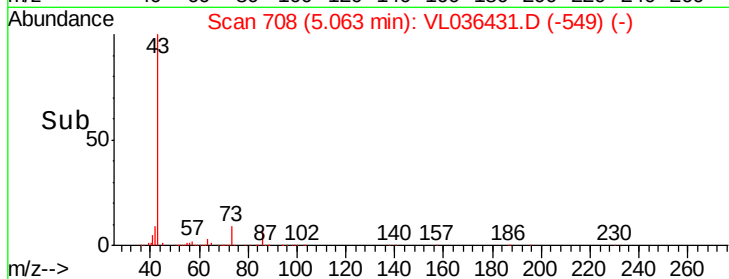
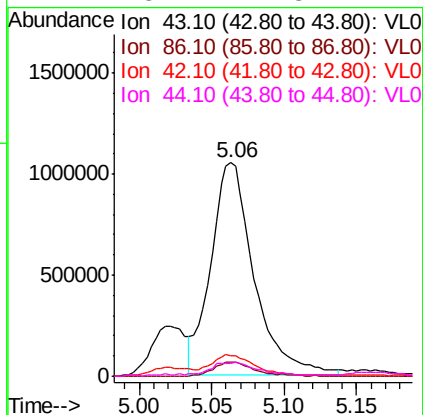
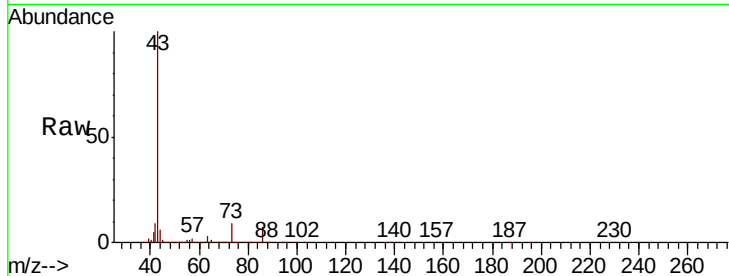


#23
 Vinyl Acetate
 Concen: 9.614 ppbv
 RT: 5.06 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 43 Resp: 2184690

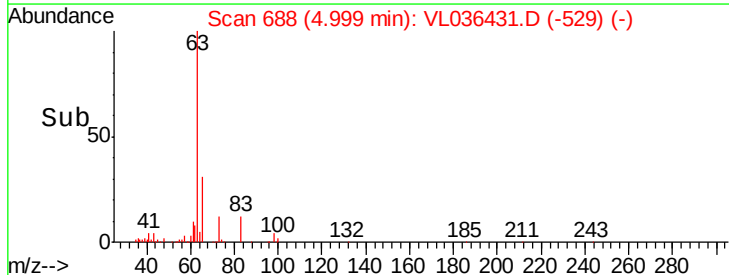
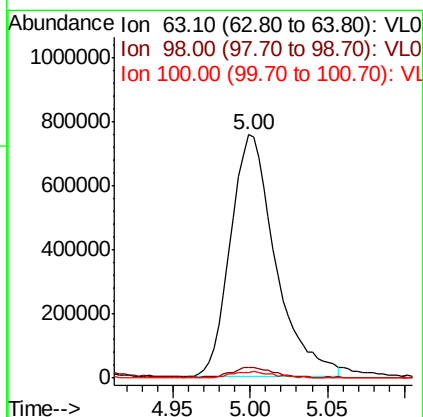
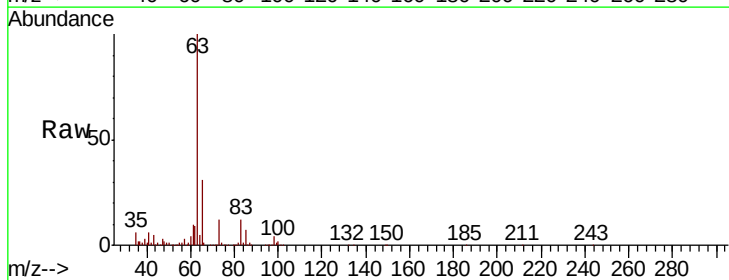
Ion	Ratio	Lower	Upper
43	100		
86	6.6	4.8	7.2
42	9.2	7.4	11.0
44	5.2	4.8	7.2

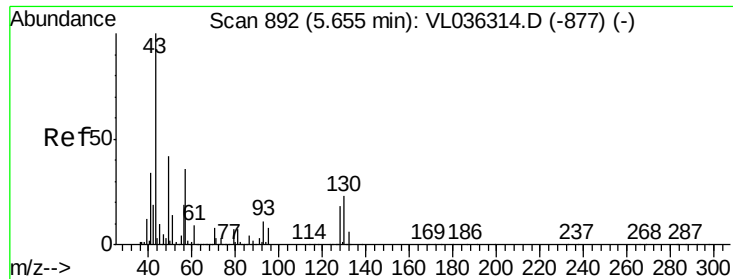


#24
 1,1-Dichloroethane
 Concen: 9.120 ppbv
 RT: 5.00 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion: 63 Resp: 1532783

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	6.0
100	2.4	1.5	4.4



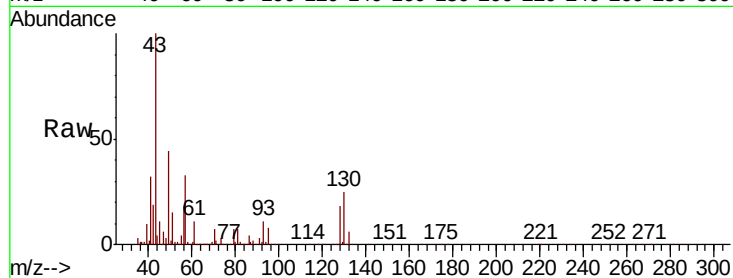


#25
Ethyl Acetate
Concen: 9.208 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 43 Resp: 3435818

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.3	12.5
61	9.7	7.3	10.9
70	6.9	5.4	8.0



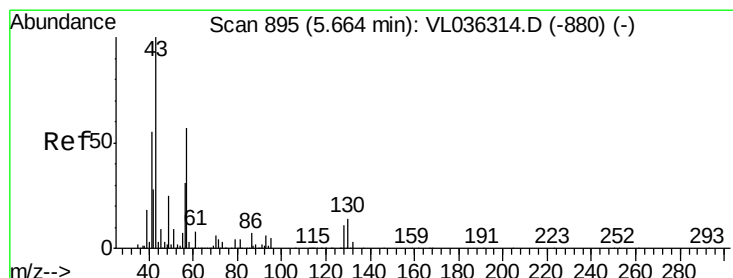
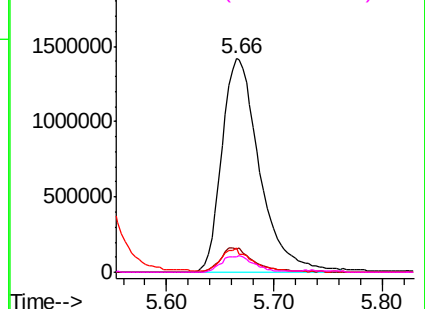
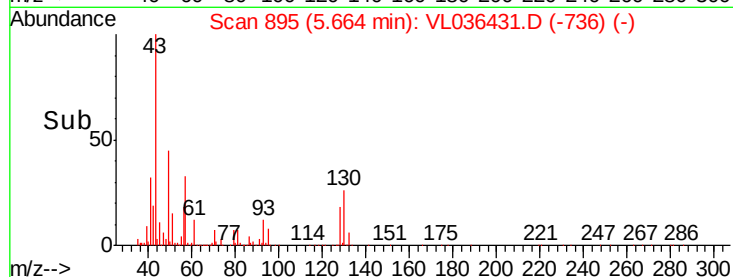
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

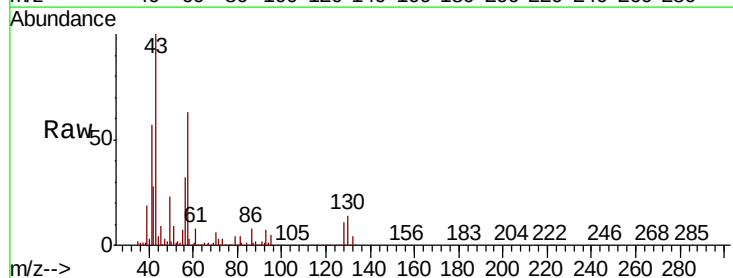
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.142 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

Tgt Ion: 57 Resp: 1401538

Ion	Ratio	Lower	Upper
57	100		
41	101.1	81.7	122.5
43	249.7	199.1	298.7
56	55.4	44.0	66.0



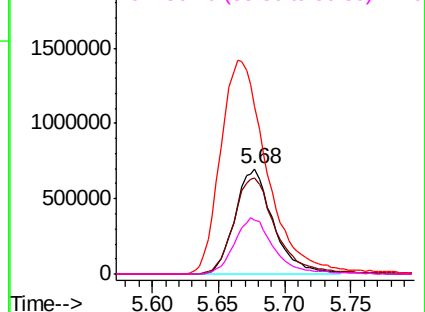
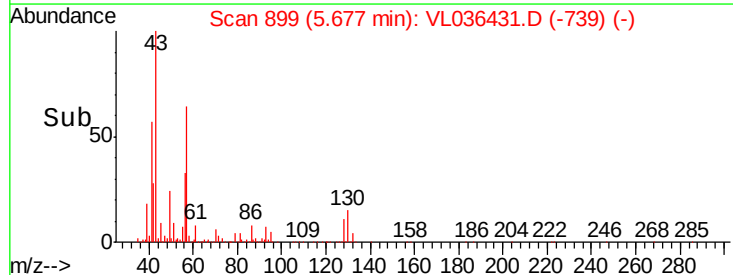
Abundance

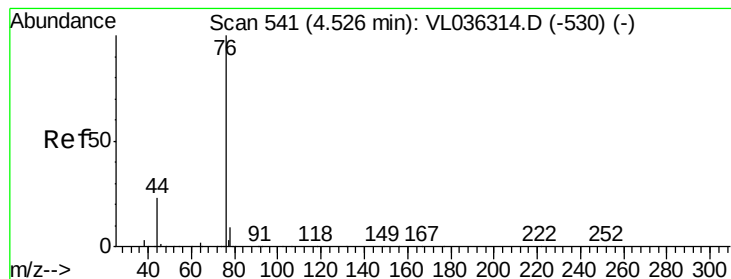
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 10.376 ppbv

RT: 4.54 min Scan# 545

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

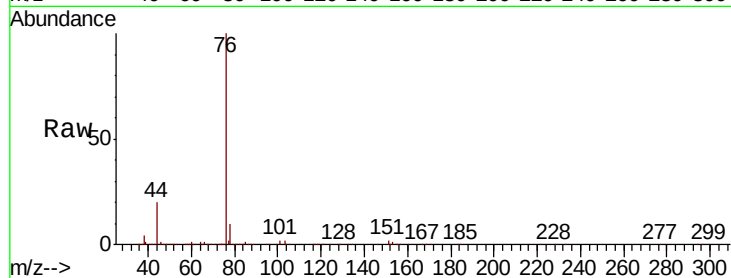
Tot Ion: 76 Resp: 1462005

Ion Ratio Lower Upper

76 100

44 22.1 18.4 27.6

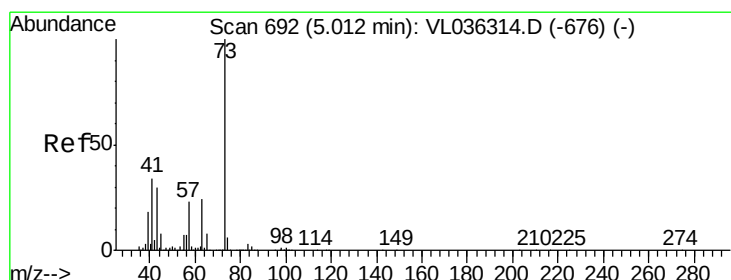
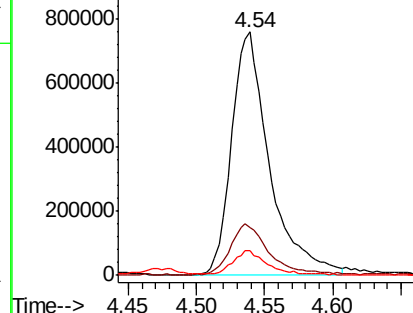
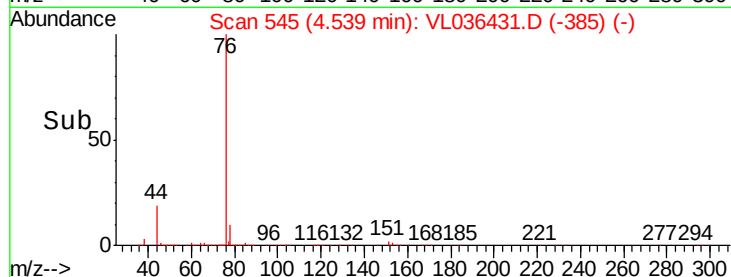
78 10.2 8.0 12.0



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.331 ppbv

RT: 5.02 min Scan# 695

Delta R.T. 0.01 min

Lab File: VL036431.D

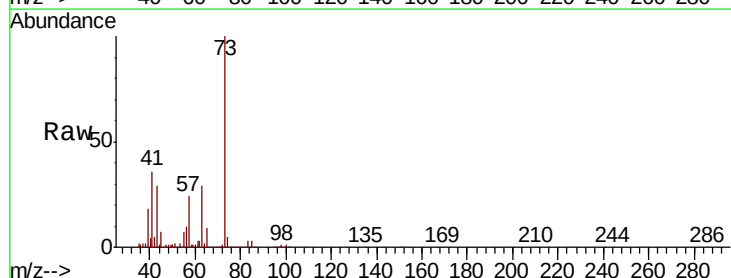
Acq: 2 Mar 2021 16:20

Tgt Ion: 73 Resp: 1868747

Ion Ratio Lower Upper

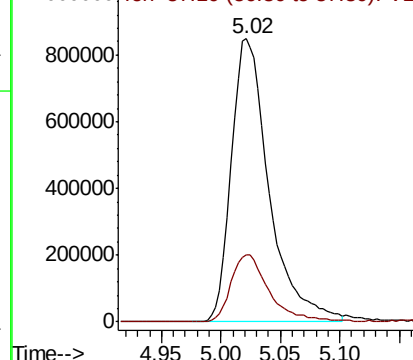
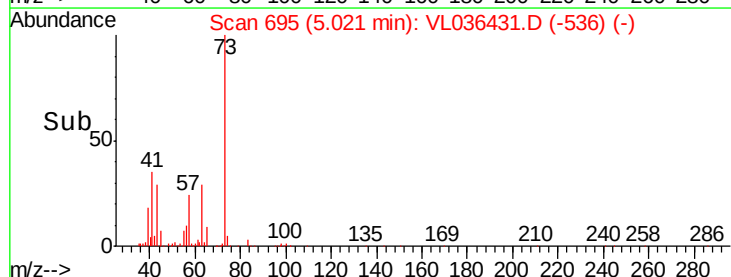
73 100

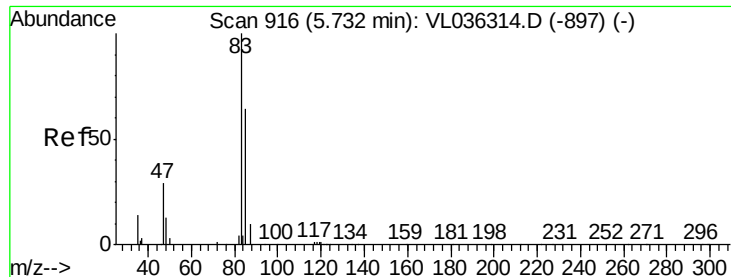
57 24.1 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

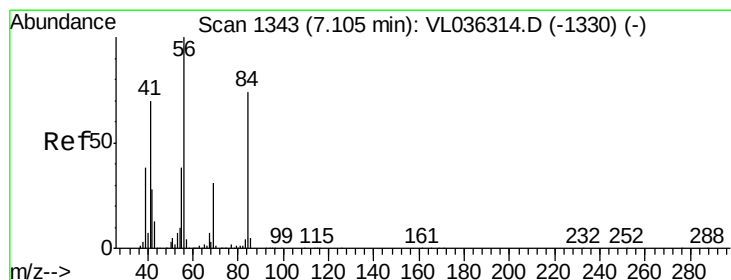
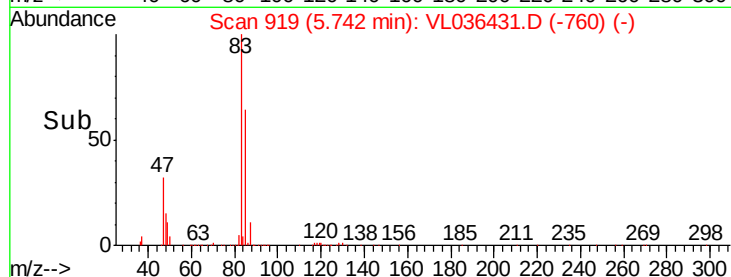
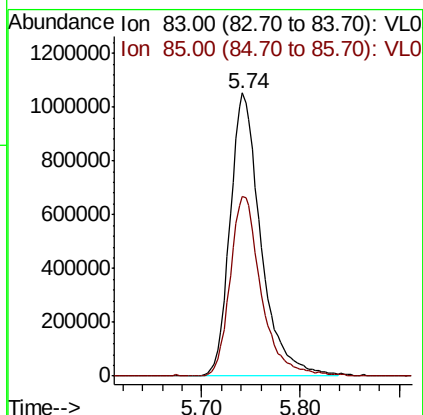
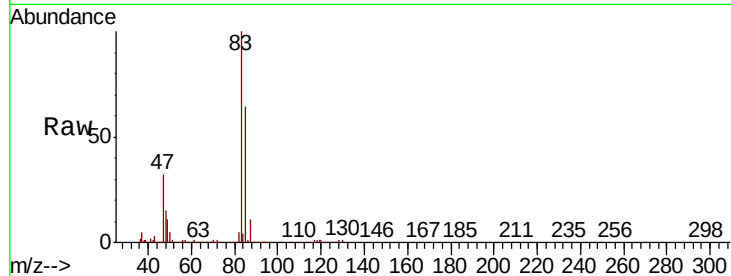




#29
Chloroform
Concen: 9.275 ppbv
RT: 5.74 min Scan# 919
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

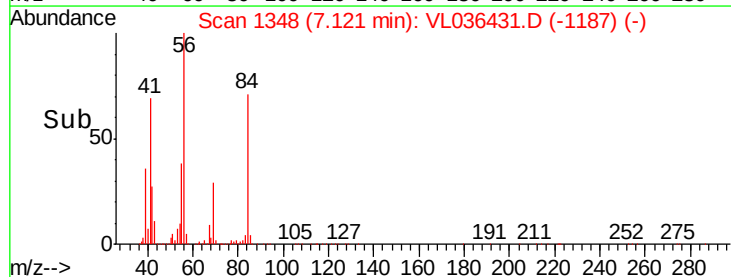
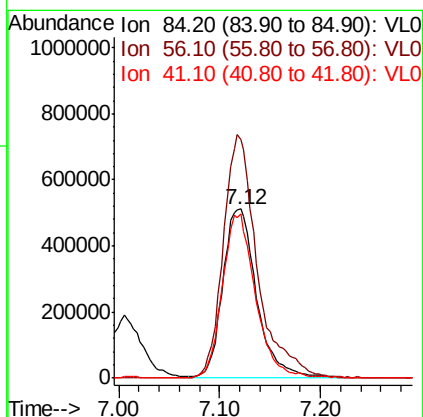
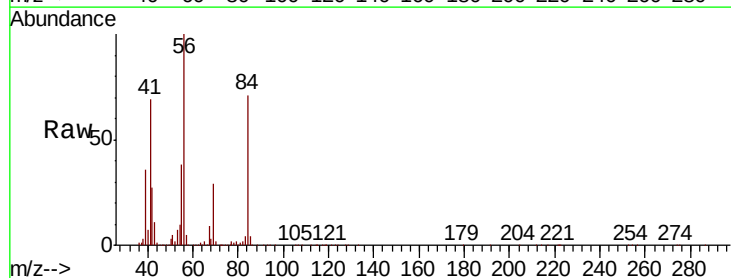
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

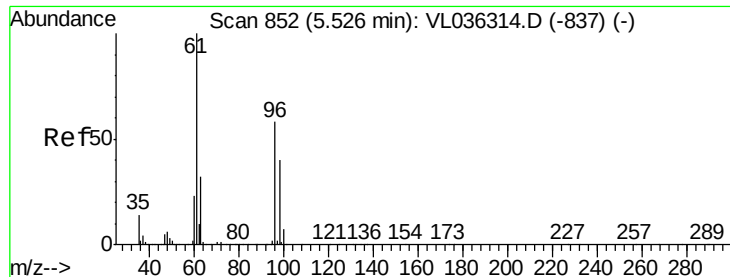
Tot Ion: 83 Resp: 2290802
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.2



#30
Cyclohexane
Concen: 9.328 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.02 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

Tgt Ion: 84 Resp: 1189350
Ion Ratio Lower Upper
84 100
56 147.2 120.2 180.4
41 96.4 79.7 119.5



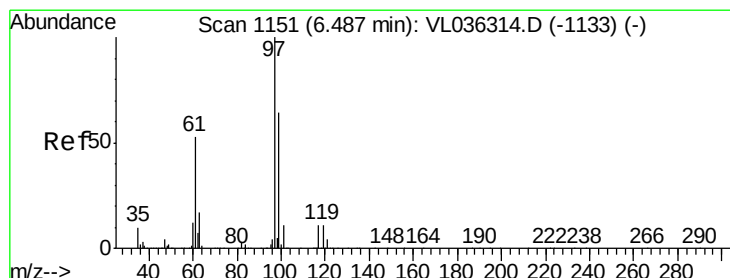
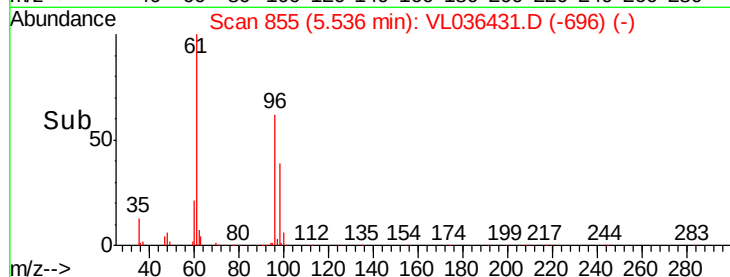
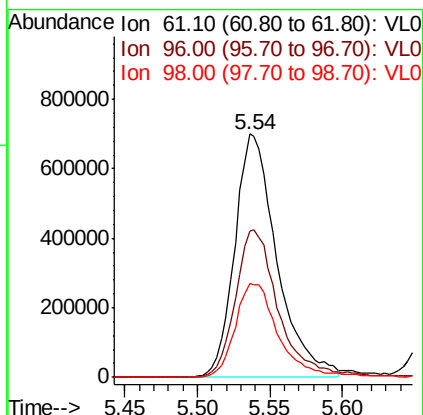
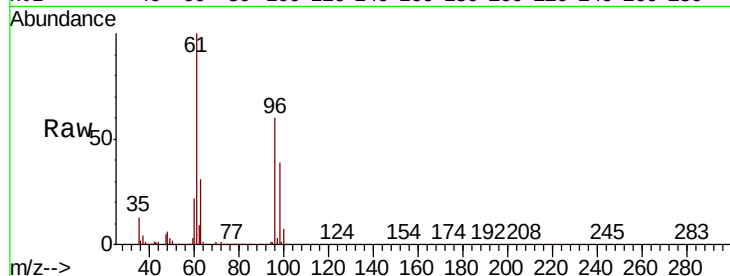


#31

cis-1,2-Dichloroethene
 Concen: 9.284 ppbv
 RT: 5.54 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

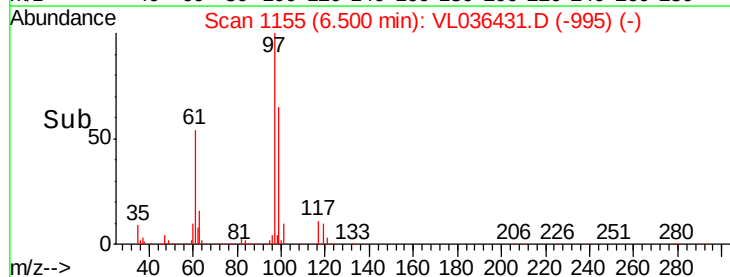
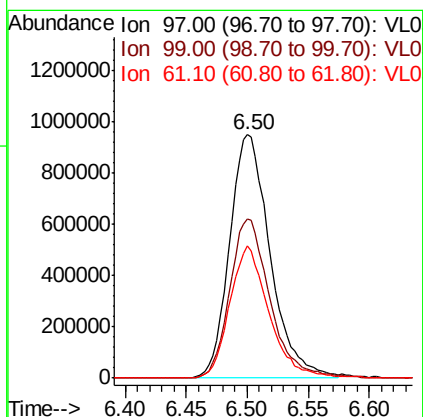
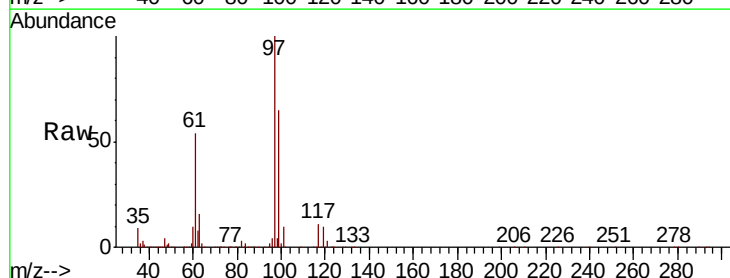
Tot Ion: 61 Resp: 1408368
 Ion Ratio Lower Upper
 61 100
 96 59.9 46.0 69.0
 98 38.7 31.9 47.9

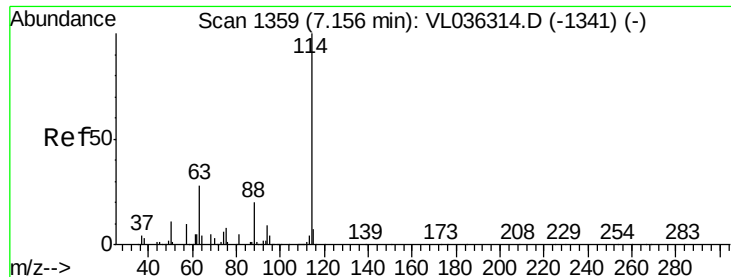


#32

1,1,1-Trichloroethane
 Concen: 9.501 ppbv
 RT: 6.50 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion: 97 Resp: 2193765
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.2 78.4
 61 53.2 43.3 64.9

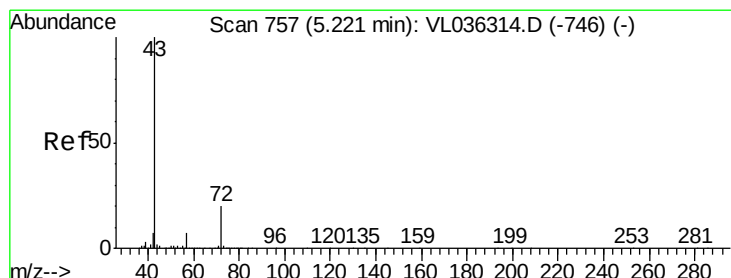
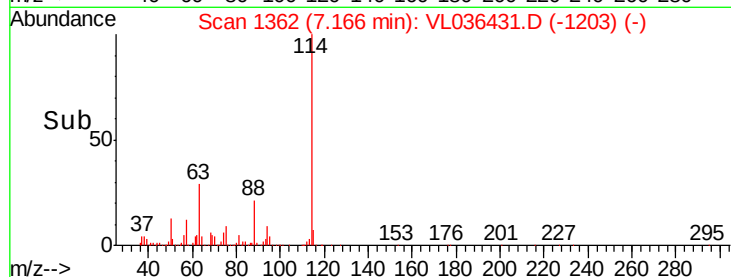
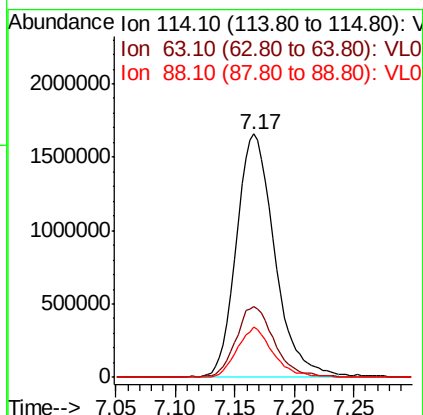
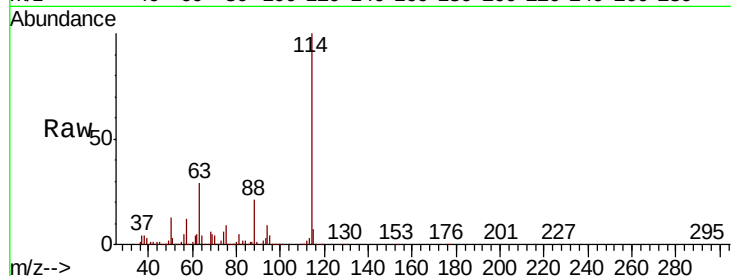




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

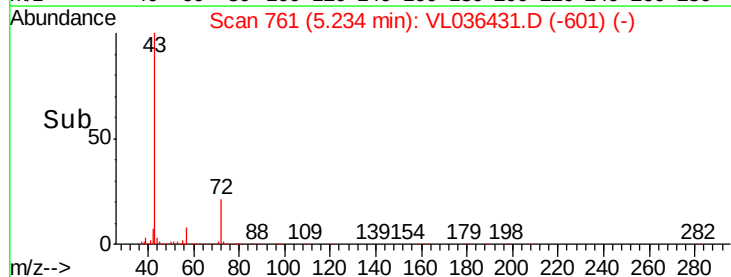
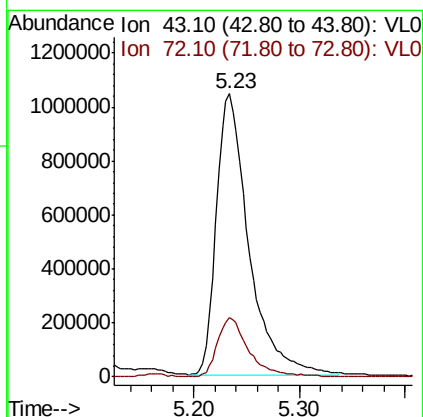
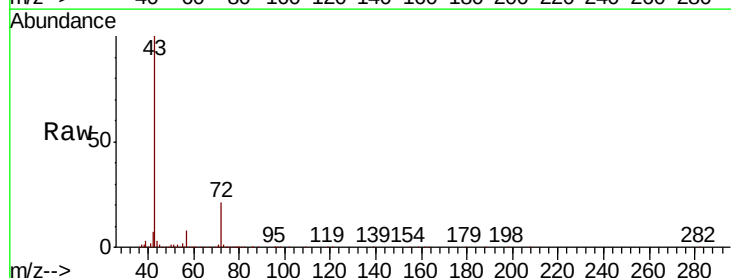
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

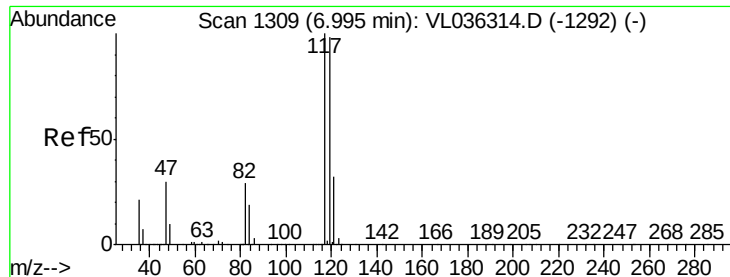
Tot Ion:114 Resp: 3695663
 Ion Ratio Lower Upper
 114 100
 63 29.6 24.1 36.1
 88 19.6 16.0 24.0



#34
 2-Butanone
 Concen: 9.035 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion: 43 Resp: 2218408
 Ion Ratio Lower Upper
 43 100
 72 20.8 16.7 25.1





#35

Carbon Tetrachloride

Concen: 9.157 ppbv

RT: 7.01 min Scan# 1313

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

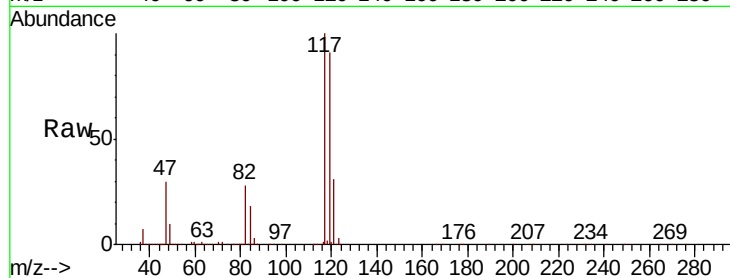
Tot Ion:117 Resp: 2268076

Ion Ratio Lower Upper

117 100

119 91.4 78.1 117.1

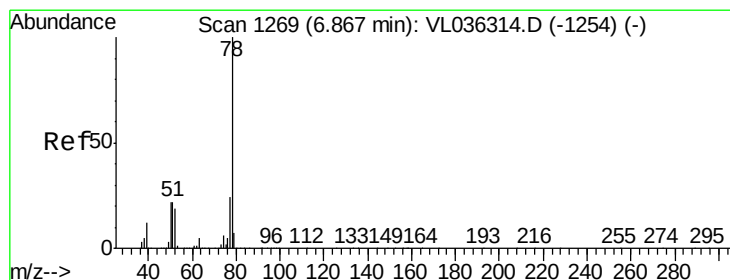
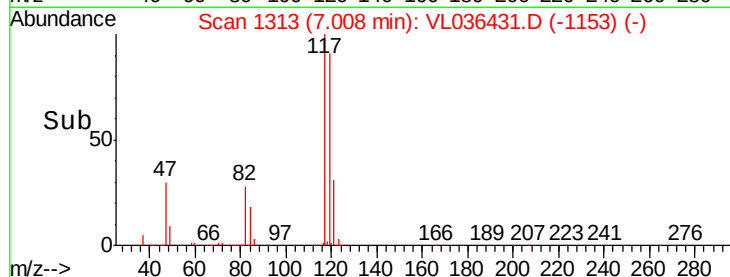
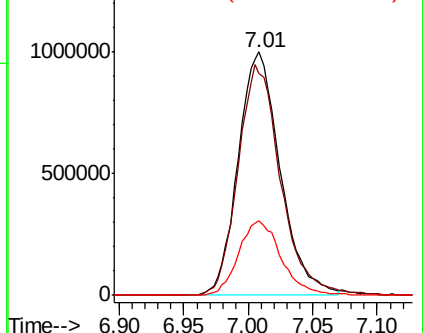
121 30.9 25.8 38.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.319 ppbv

RT: 6.88 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

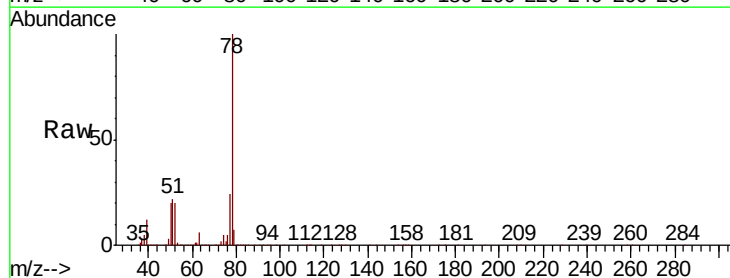
Tgt Ion: 78 Resp: 2925615

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3

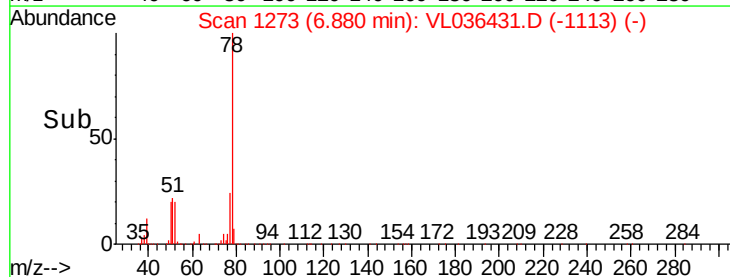
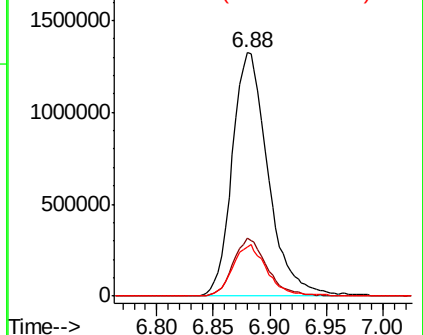
50 20.2 17.3 25.9

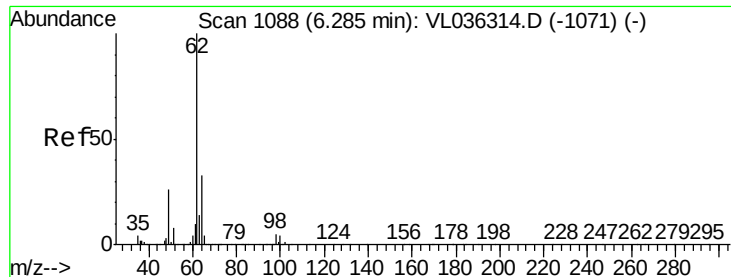


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

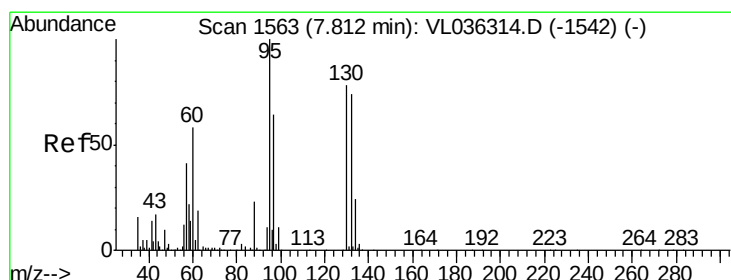
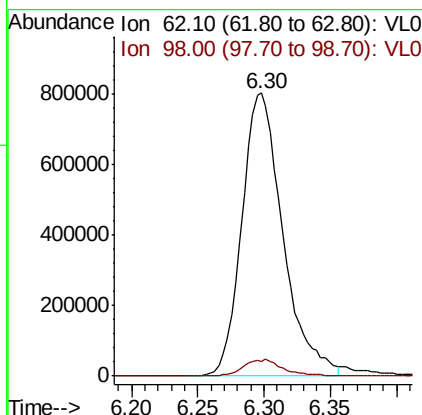
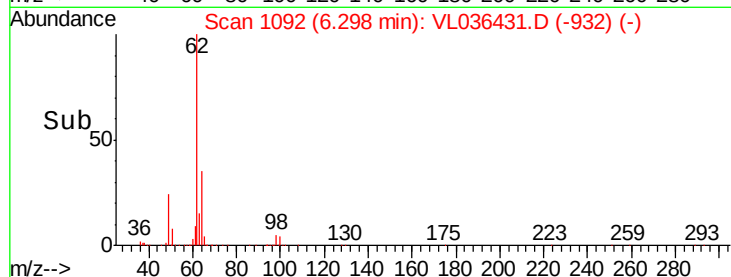
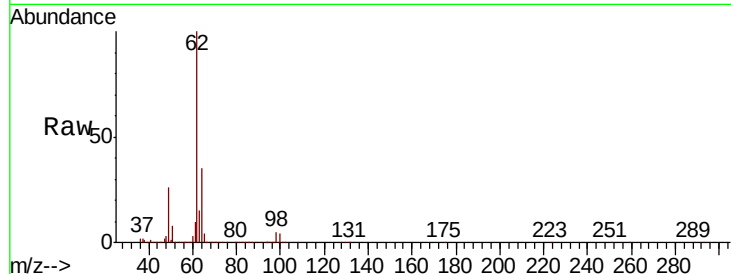




#37
 1,2-Dichloroethane
 Concen: 8.907 ppbv
 RT: 6.30 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

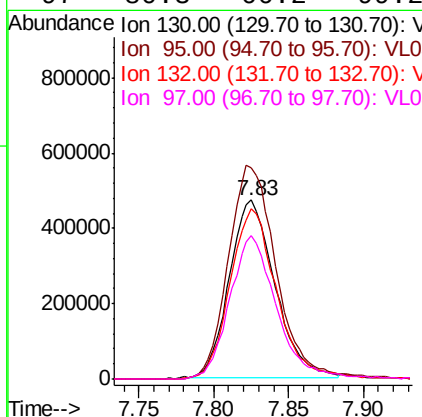
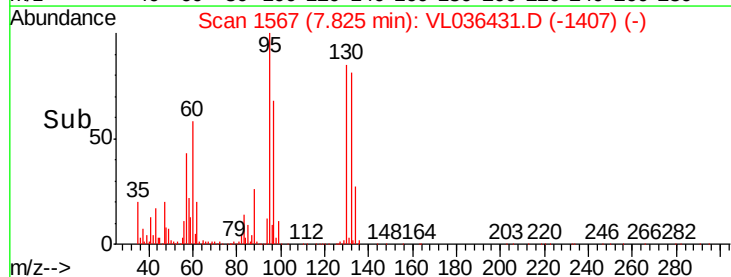
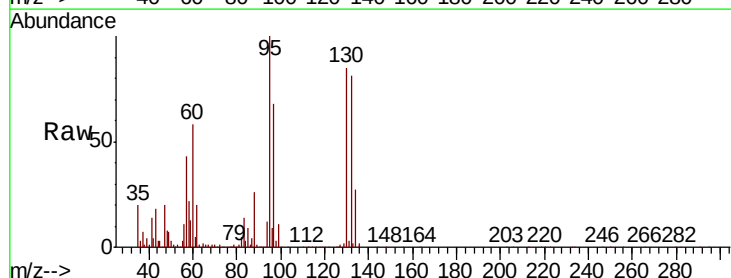
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

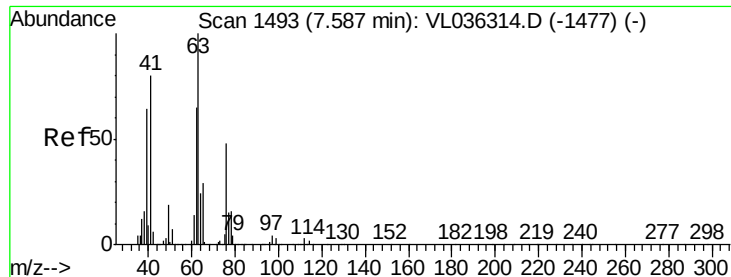
Tot Ion: 62 Resp: 1728849
 Ion Ratio Lower Upper
 62 100
 98 5.7 4.5 6.7



#38
 Trichloroethene
 Concen: 8.928 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion: 130 Resp: 1004094
 Ion Ratio Lower Upper
 130 100
 95 118.2 102.8 154.2
 132 95.6 75.7 113.5
 97 80.3 66.2 99.2





#39

1,2-Dichloropropane

Concen: 9.249 ppbv

RT: 7.61 min Scan# 1499

Delta R.T. 0.02 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

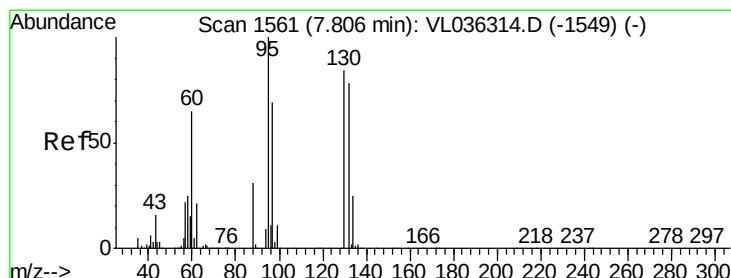
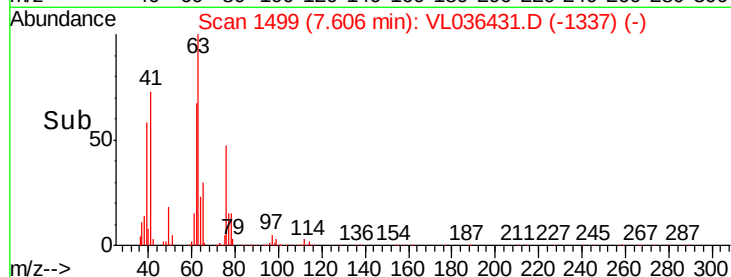
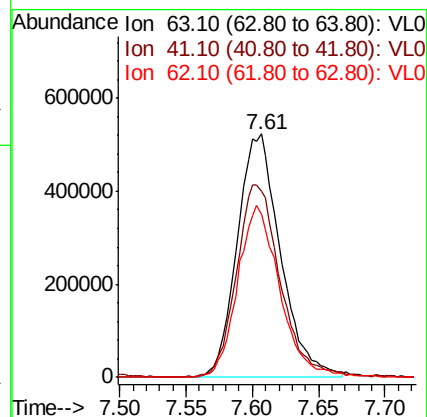
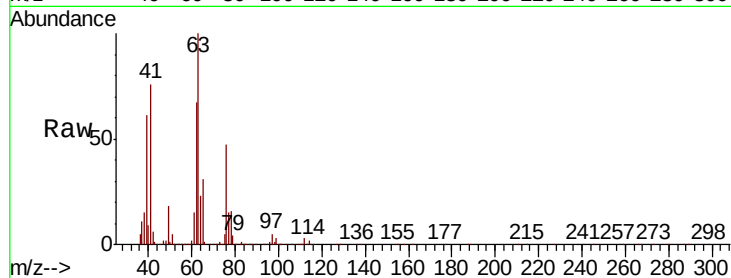
Tot Ion: 63 Resp: 1179536

Ion Ratio Lower Upper

63 100

41 76.2 63.8 95.6

62 66.9 52.3 78.5



#40

1,4-Dioxane

Concen: 8.809 ppbv

RT: 7.82 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Tgt Ion: 88 Resp: 389203

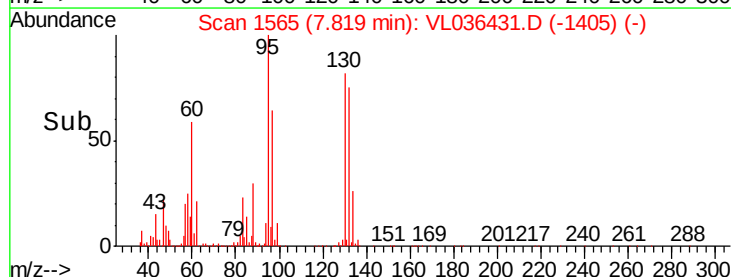
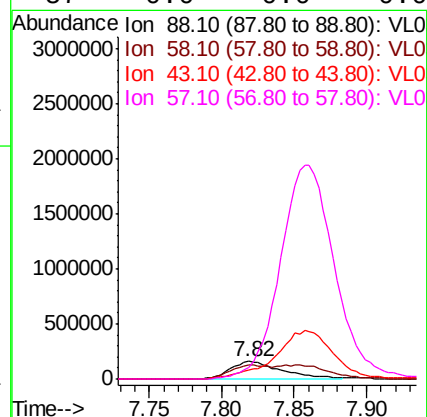
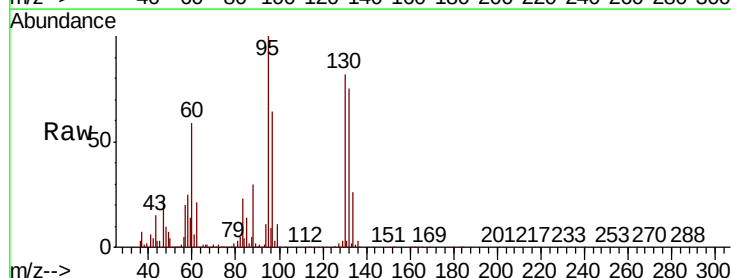
Ion Ratio Lower Upper

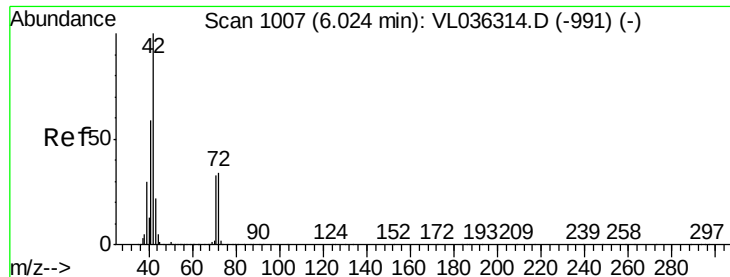
88 100

58 66.9 45.0 67.4

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.217 ppbv

RT: 6.04 min Scan# 1011

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

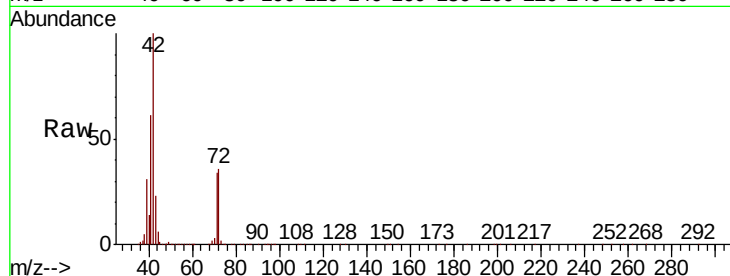
Tot Ion: 42 Resp: 1262984

Ion Ratio Lower Upper

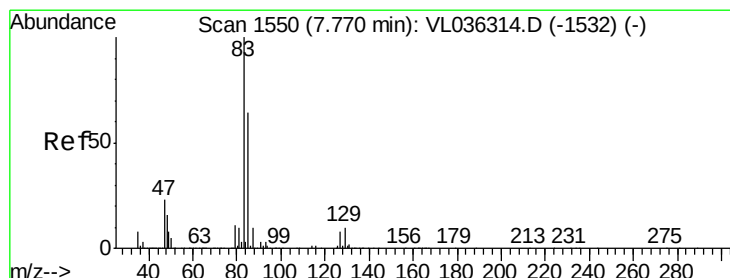
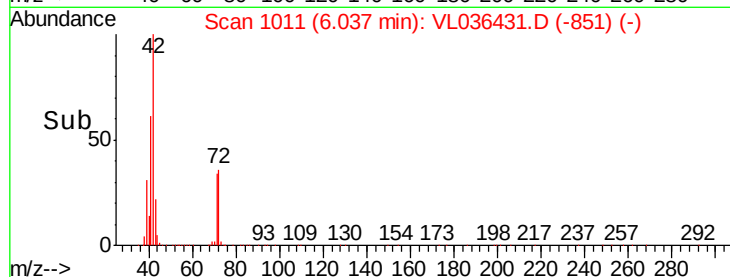
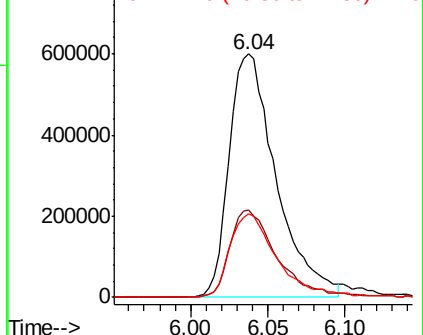
42 100

72 36.4 29.3 43.9

71 35.2 27.8 41.8



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 9.341 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

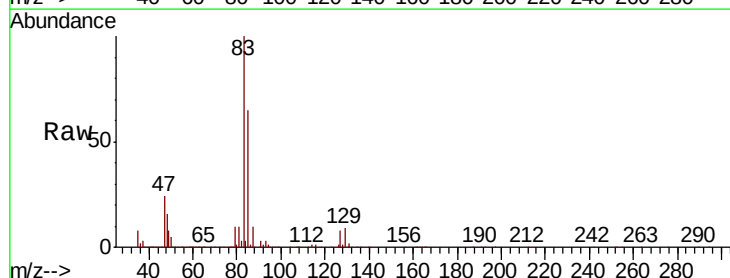
Tgt Ion: 83 Resp: 2428305

Ion Ratio Lower Upper

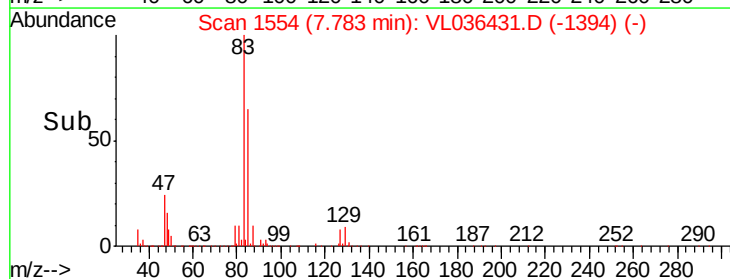
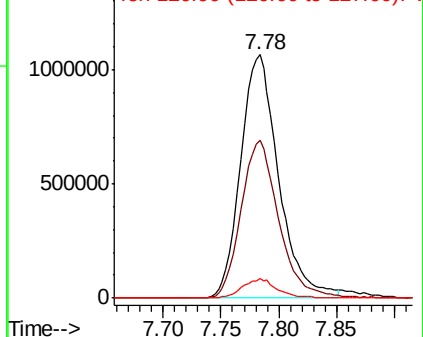
83 100

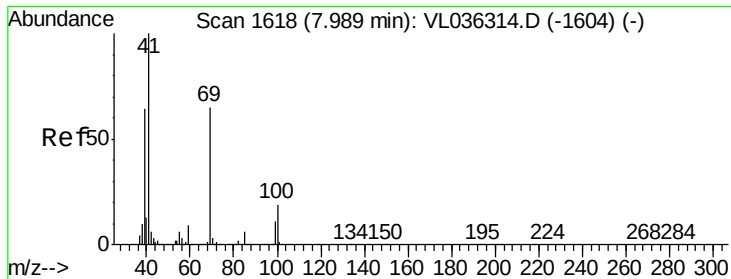
85 64.7 51.1 76.7

127 7.8 6.3 9.5



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 9.819 ppbv

RT: 8.00 min Scan# 1622

Delta R.T. 0.01 min

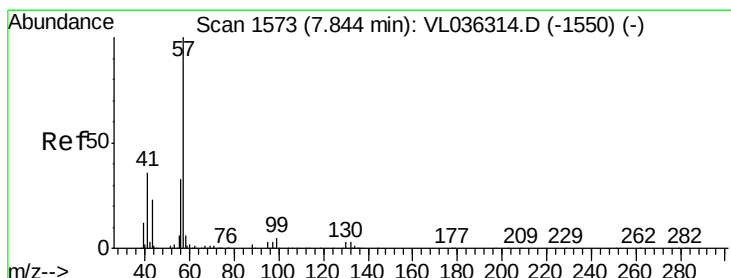
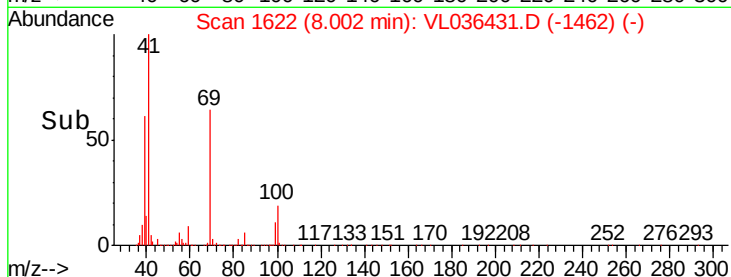
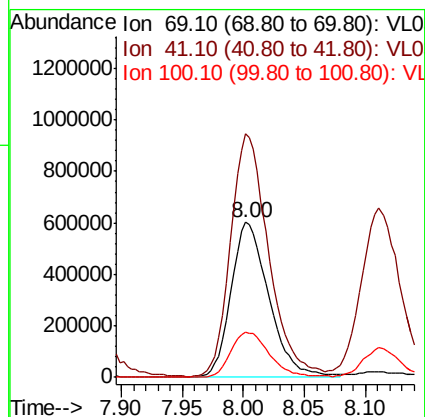
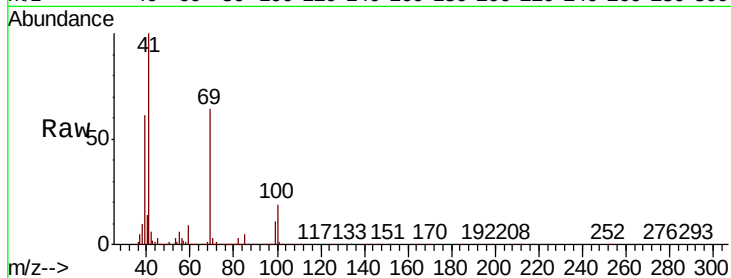
Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 69 Resp: 1300053

Ion	Ratio	Lower	Upper
69	100		
41	158.4	126.5	189.7
100	29.8	23.1	34.7



#44

2,2,4-Trimethylpentane

Concen: 8.858 ppbv

RT: 7.86 min Scan# 1578

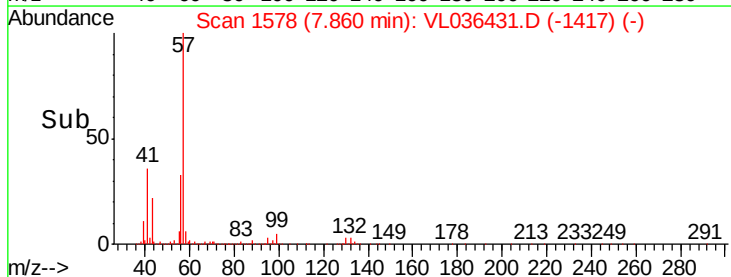
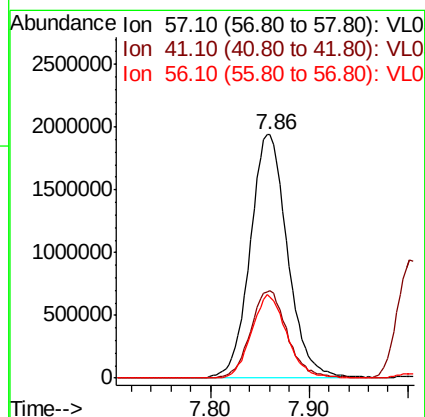
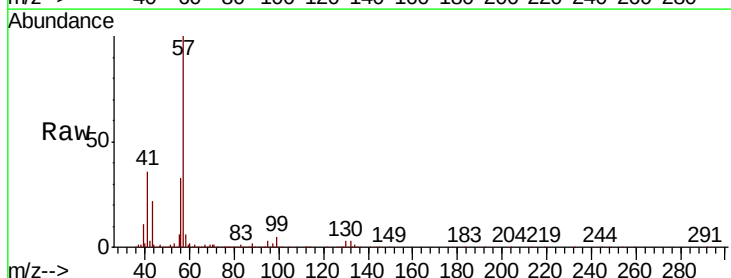
Delta R.T. 0.02 min

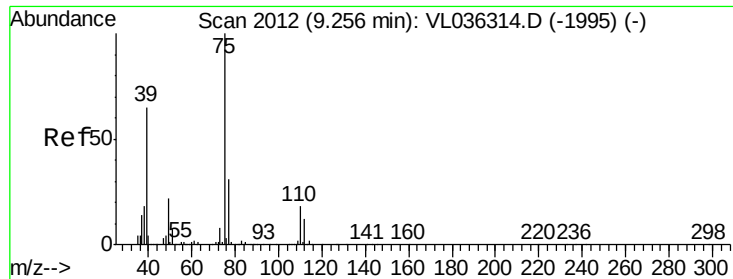
Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Tgt Ion: 57 Resp: 5056535

Ion	Ratio	Lower	Upper
57	100		
41	35.4	28.8	43.2
56	32.5	25.8	38.6





#45

t-1,3-Dichloropropene

Concen: 10.730 ppbv

RT: 9.27 min Scan# 2017

Delta R.T. 0.02 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

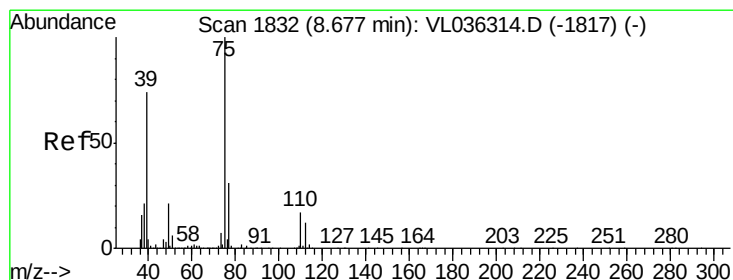
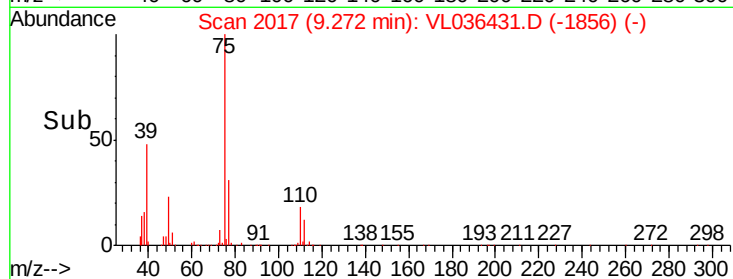
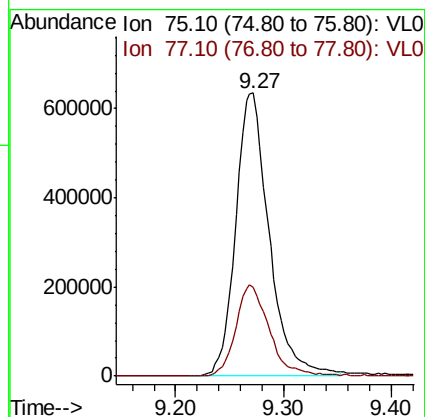
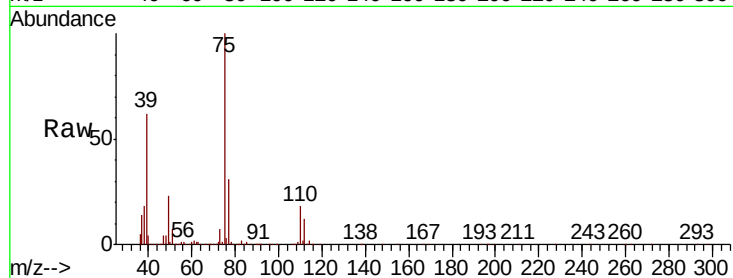
VSTDCCC010EC

Tot Ion: 75 Resp: 1370371

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0



#46

cis-1,3-Dichloropropene

Concen: 10.310 ppbv

RT: 8.69 min Scan# 1837

Delta R.T. 0.02 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

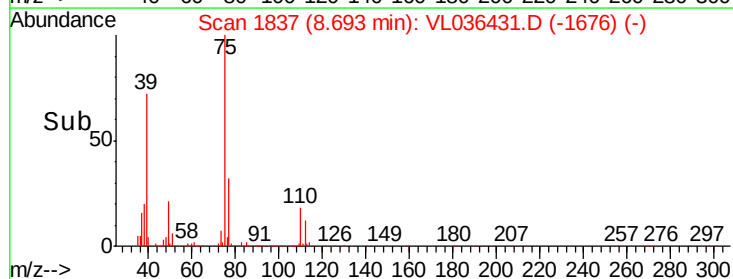
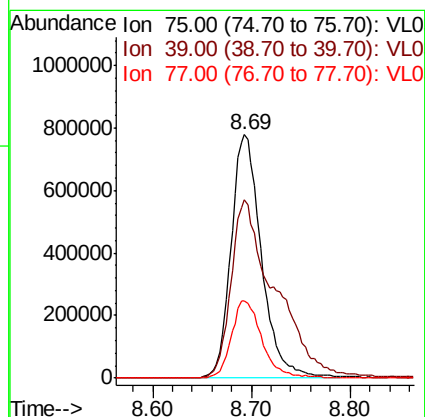
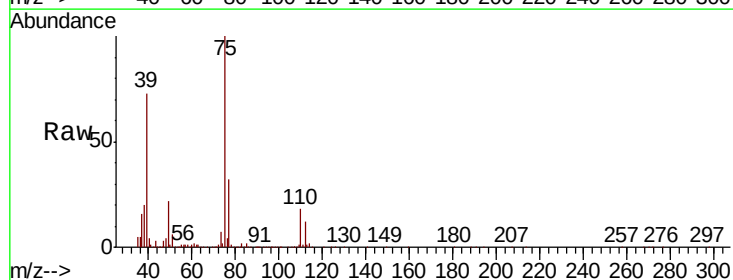
Tgt Ion: 75 Resp: 1672632

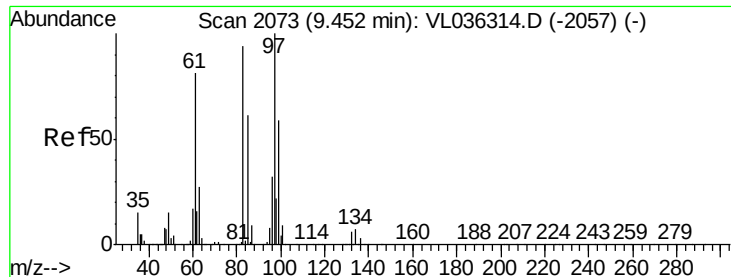
Ion Ratio Lower Upper

75 100

39 72.9 59.2 88.8

77 31.9 25.0 37.6



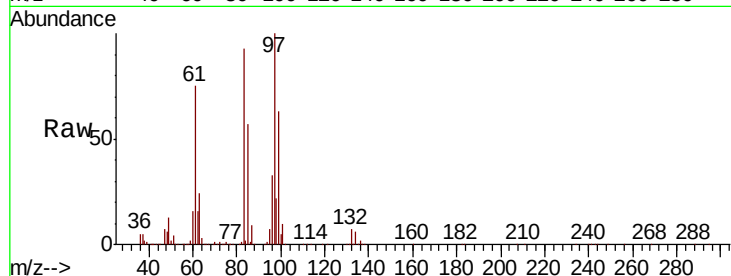


#47
 1,1,2-Trichloroethane
 Concen: 9.044 ppbv
 RT: 9.47 min Scan# 2078
 Delta R.T. 0.02 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 97 Resp: 1180367

Ion	Ratio	Lower	Upper
97	100		
83	93.2	75.4	113.0
85	57.4	48.9	73.3
99	63.2	46.9	70.3



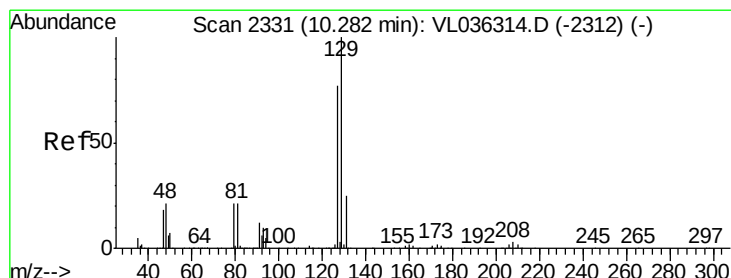
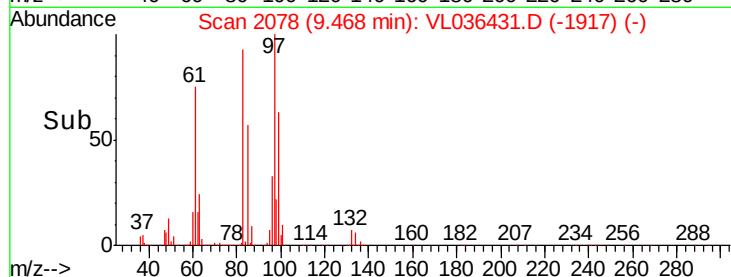
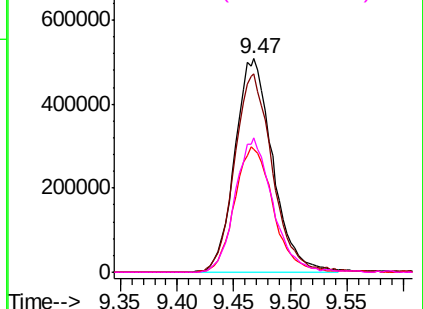
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

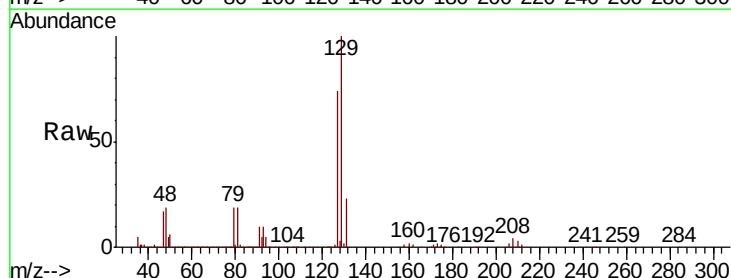
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 9.799 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. 0.02 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion: 129 Resp: 1908308

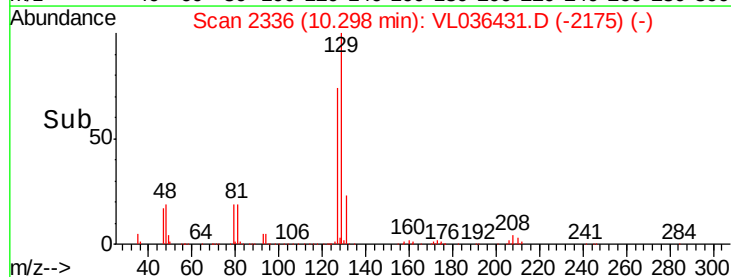
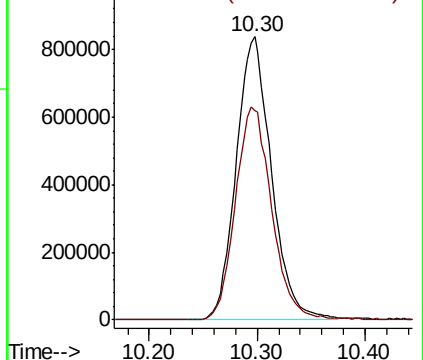
Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.2

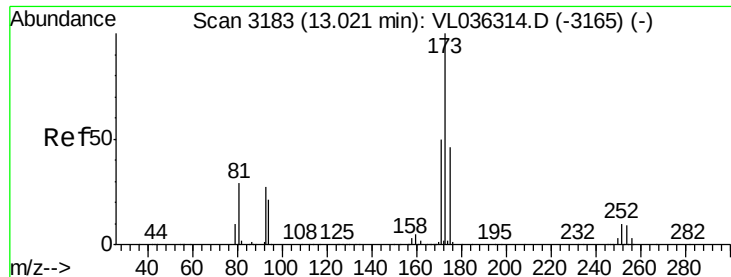


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.889 ppbv

RT: 13.03 min Scan# 3186

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

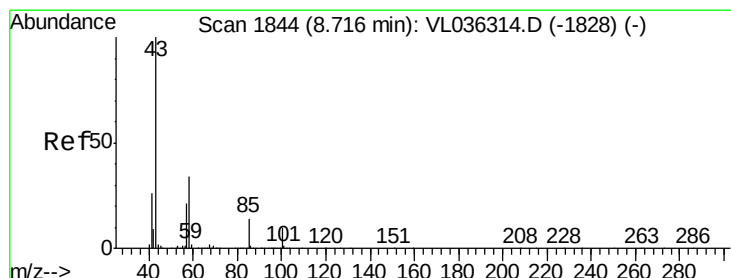
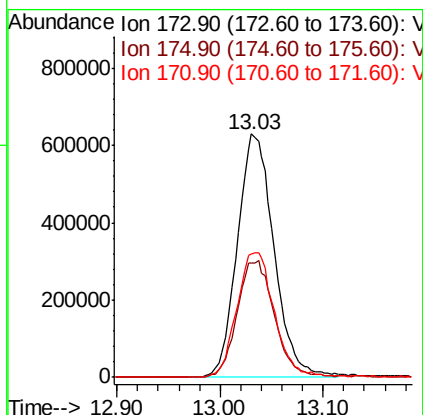
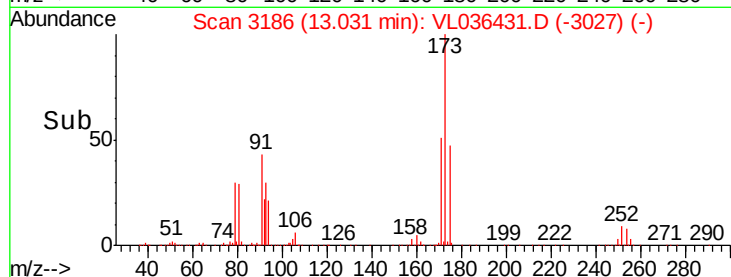
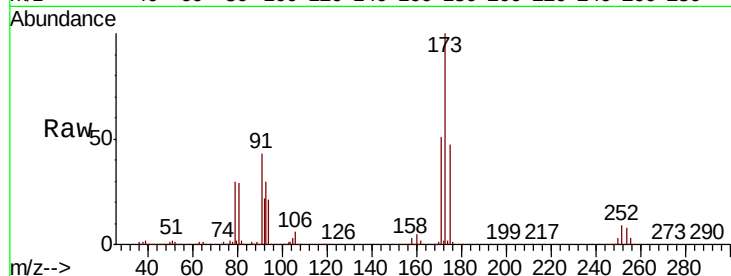
Tot Ion:173 Resp: 1556879

Ion Ratio Lower Upper

173 100

175 49.3 40.2 60.2

171 53.4 43.4 65.2



#50

4-Methyl-2-Pentanone

Concen: 9.358 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VL036431.D

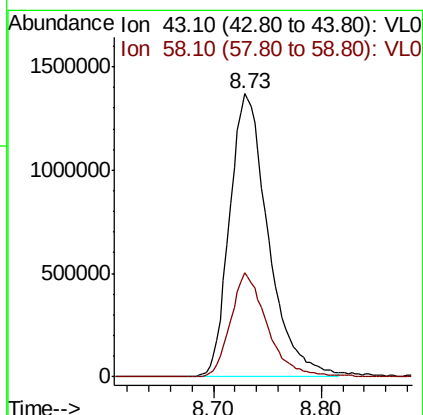
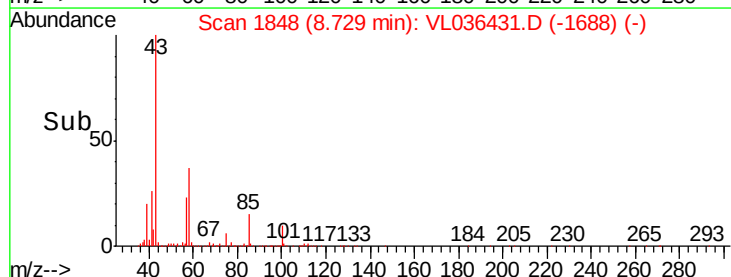
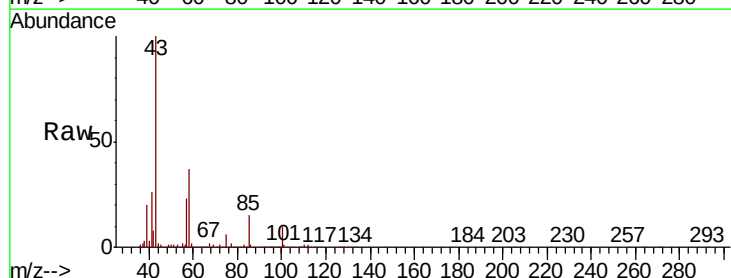
Acq: 2 Mar 2021 16:20

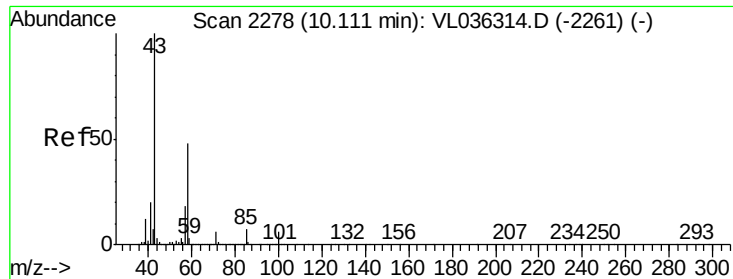
Tgt Ion: 43 Resp: 3411248

Ion Ratio Lower Upper

43 100

58 35.1 27.8 41.6

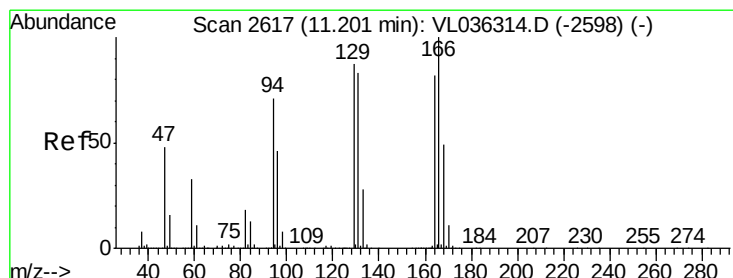
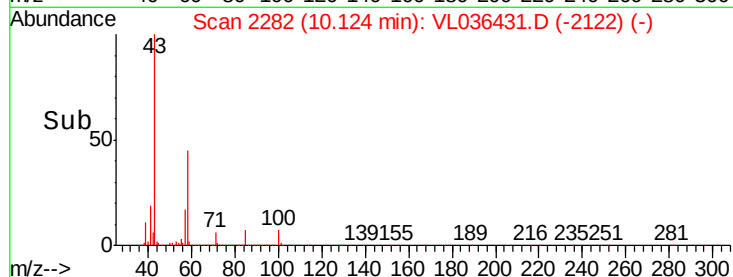
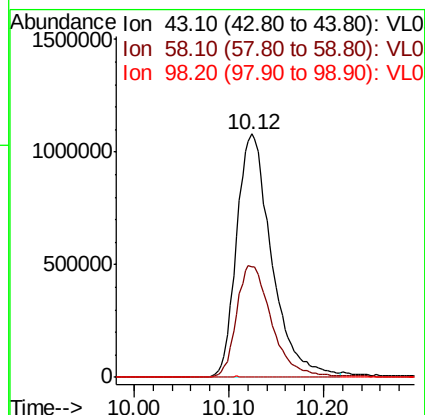
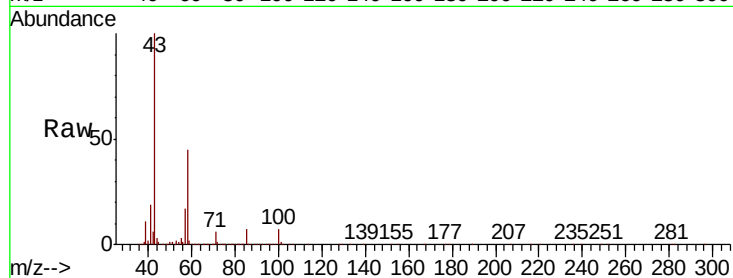




#51
2-Hexanone
Concen: 10.076 ppbv
RT: 10.12 min Scan# 2282
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

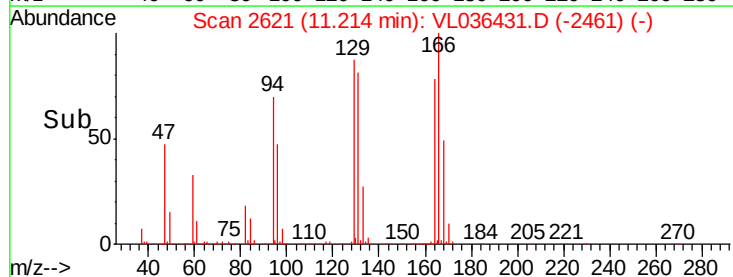
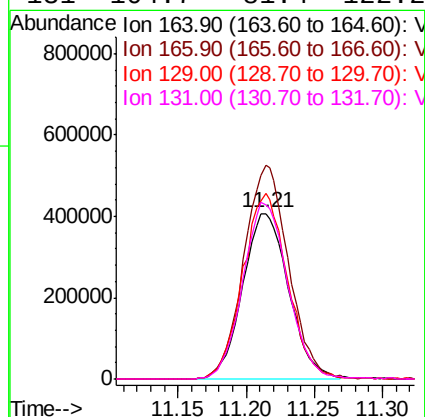
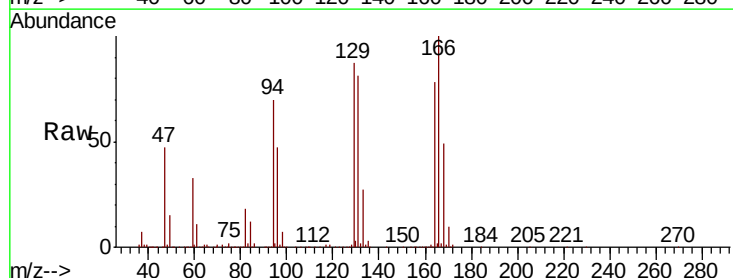
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

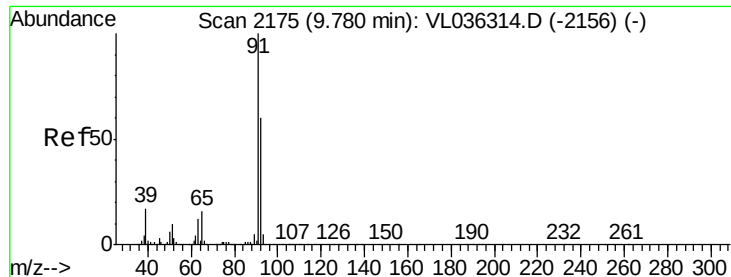
Tot Ion: 43 Resp: 2790768
Ion Ratio Lower Upper
43 100
58 46.5 38.7 58.1
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 8.238 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

Tgt Ion: 164 Resp: 946812
Ion Ratio Lower Upper
164 100
166 128.9 97.8 146.8
129 111.9 84.9 127.3
131 104.7 81.4 122.2





#53

Toluene

Concen: 9.602 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. 0.02 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

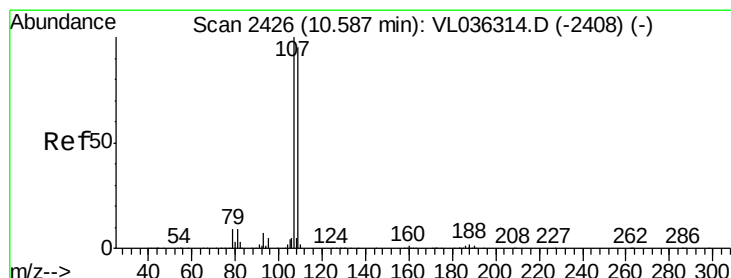
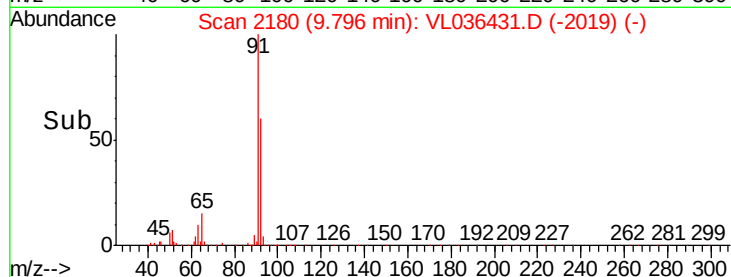
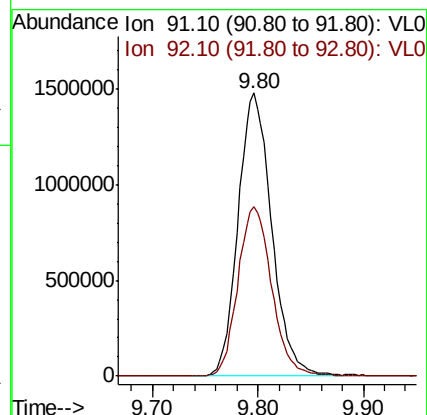
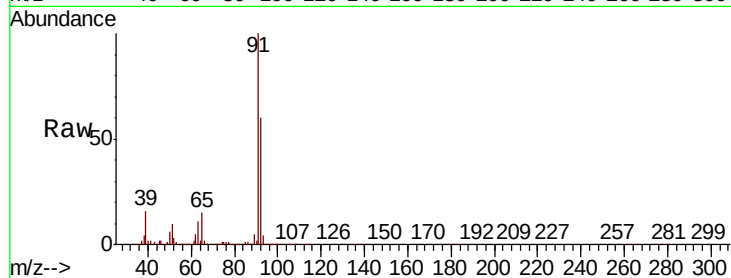
VSTDCCC010EC

Tot Ion: 91 Resp: 3265249

Ion Ratio Lower Upper

91 100

92 60.4 48.6 72.8



#54

1,2-Dibromoethane

Concen: 9.183 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. 0.01 min

Lab File: VL036431.D

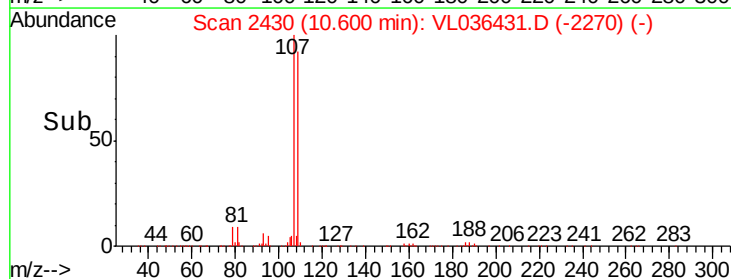
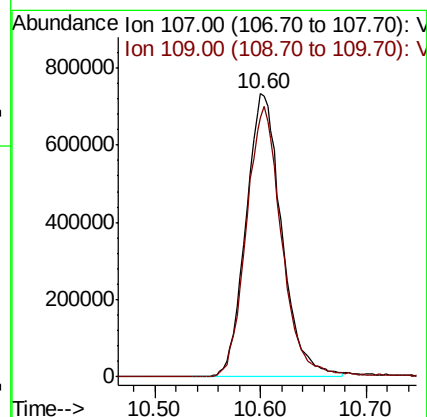
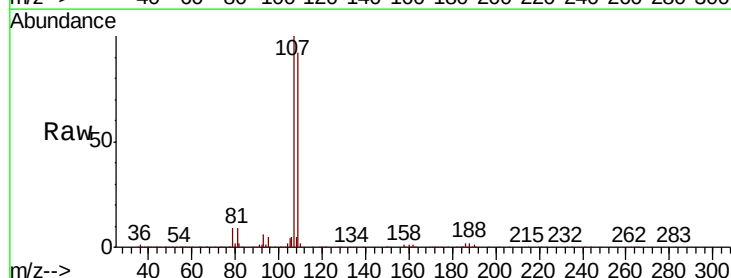
Acq: 2 Mar 2021 16:20

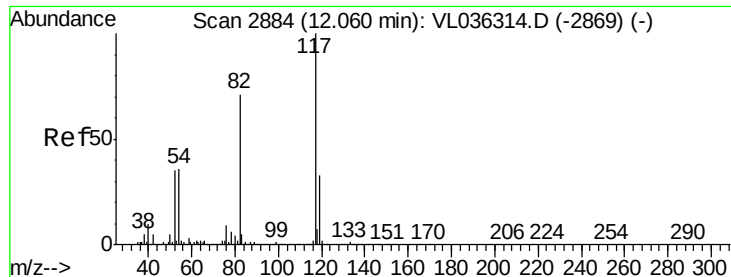
Tgt Ion: 107 Resp: 1731851

Ion Ratio Lower Upper

107 100

109 91.7 76.0 114.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. 0.02 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

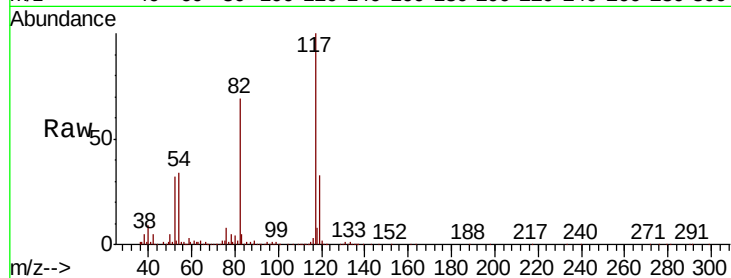
Tot Ion:117 Resp: 4263480

Ion Ratio Lower Upper

117 100

82 57.9 59.1 88.7#

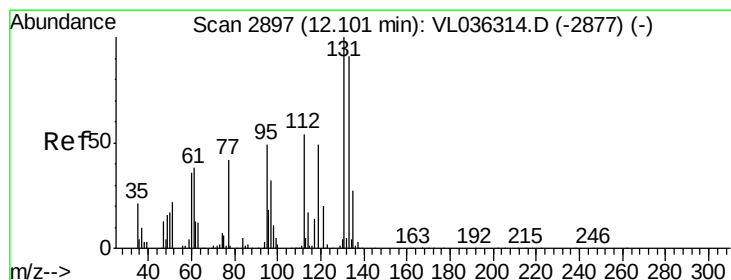
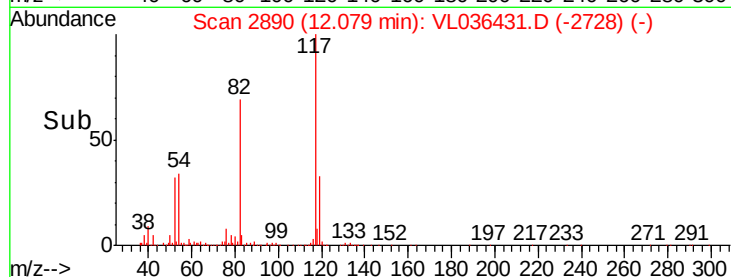
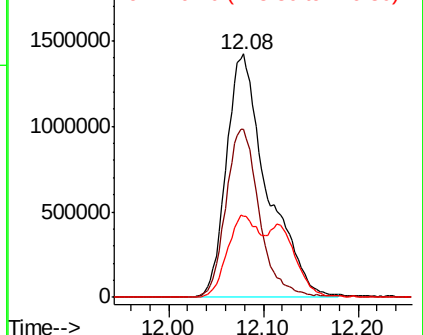
119 47.7 46.3 69.5



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 7.339 ppbv

RT: 12.11 min Scan# 2901

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

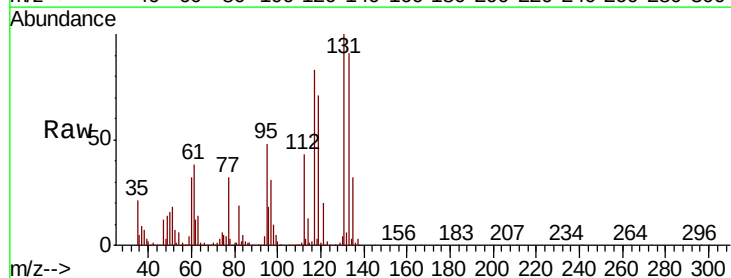
Tgt Ion:131 Resp: 1439253

Ion Ratio Lower Upper

131 100

133 94.5 76.0 114.0

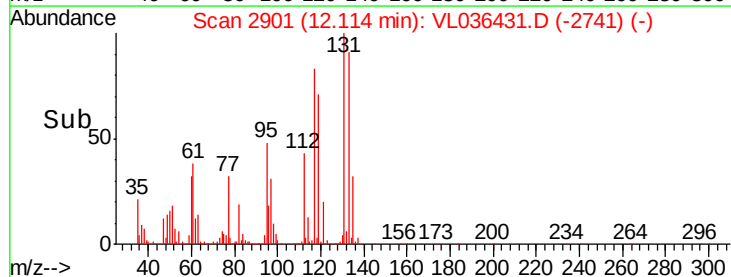
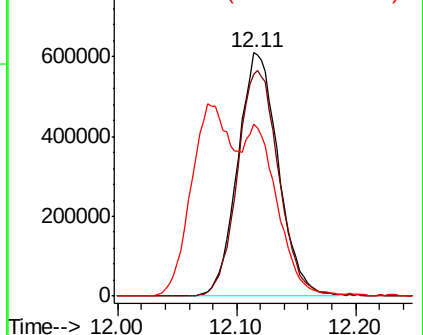
119 141.1 115.1 172.7

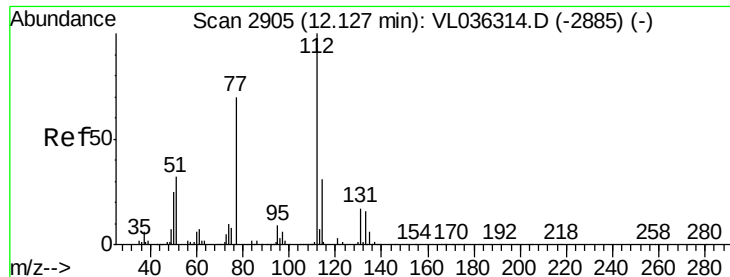


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 7.096 ppbv

RT: 12.14 min Scan# 2909

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

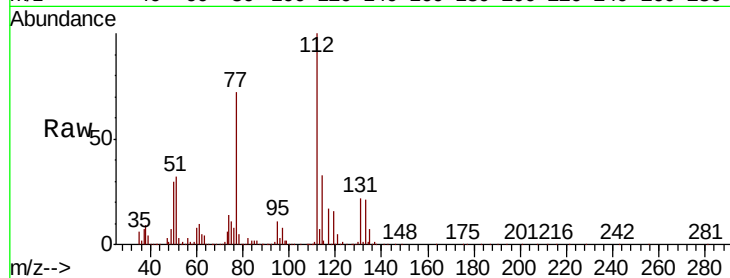
Tot Ion:112 Resp: 2337304

Ion Ratio Lower Upper

112 100

77 71.1 56.1 84.1

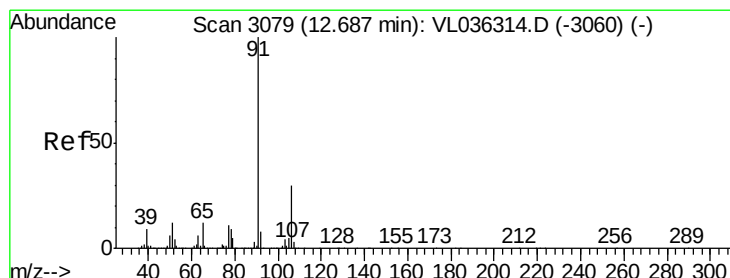
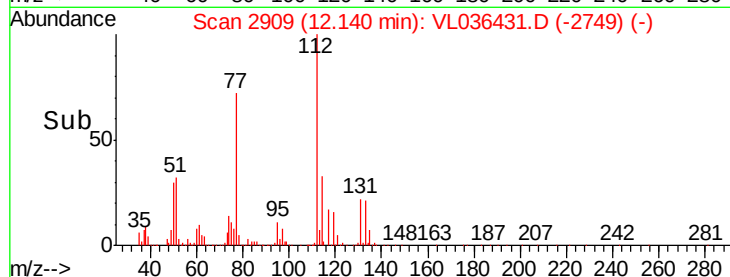
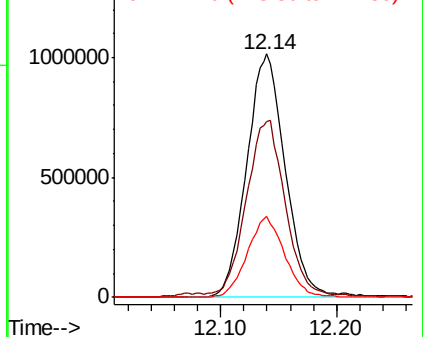
114 33.0 28.3 34.5



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 7.536 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. 0.02 min

Lab File: VL036431.D

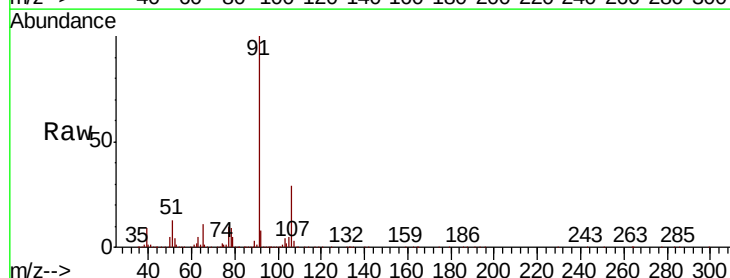
Acq: 2 Mar 2021 16:20

Tgt Ion: 91 Resp: 4399538

Ion Ratio Lower Upper

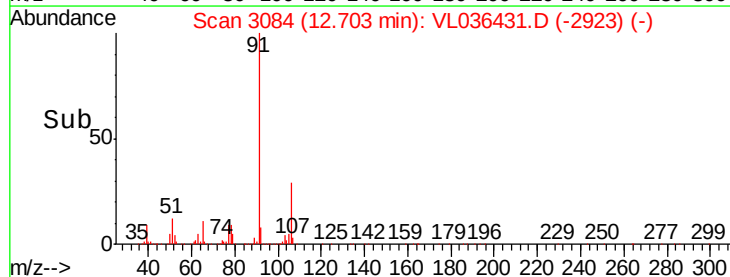
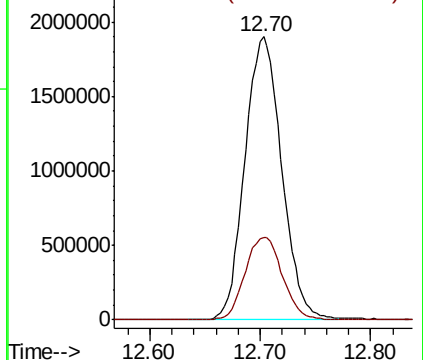
91 100

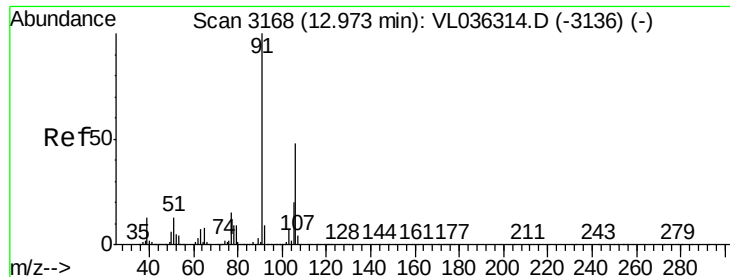
106 29.1 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

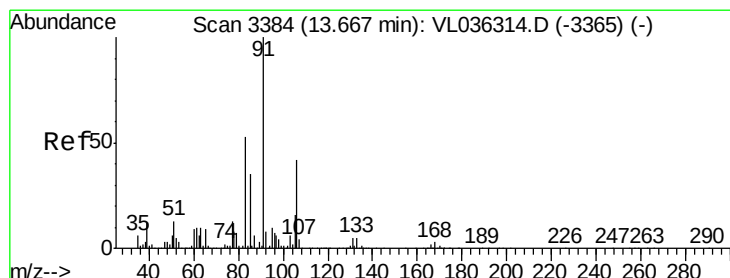
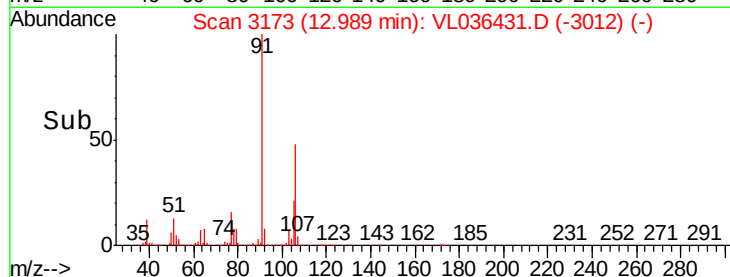
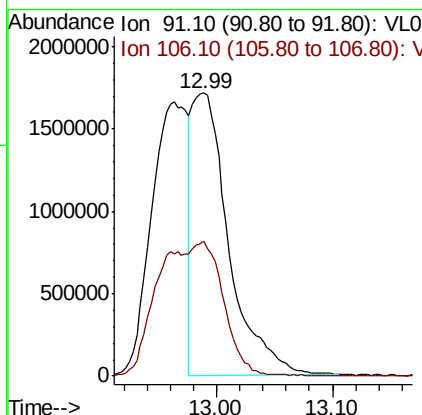
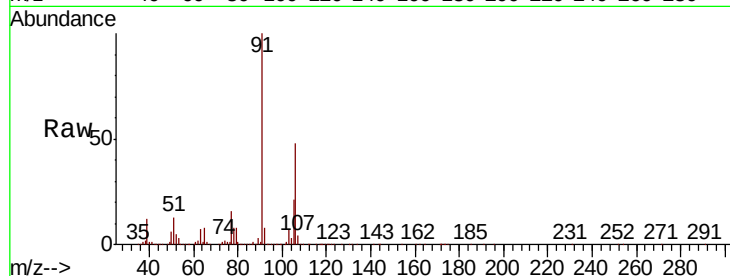




#59
m/p-Xylene
Concen: 7.327 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. 0.02 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

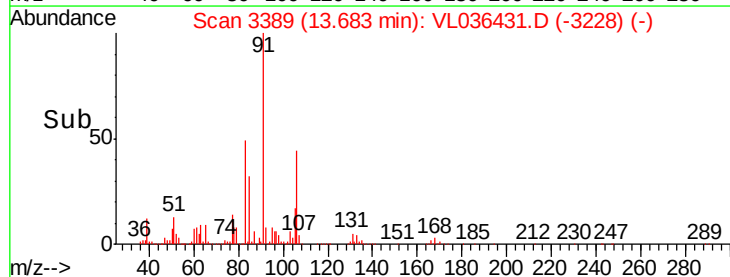
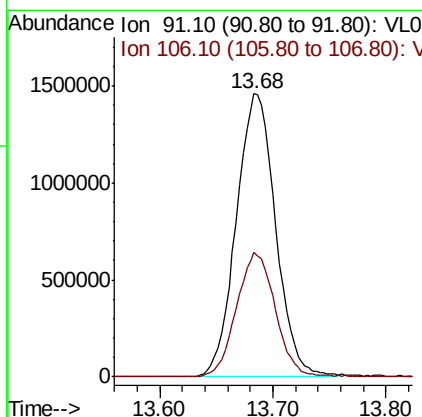
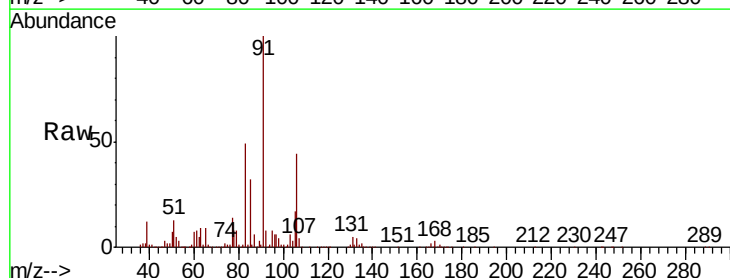
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

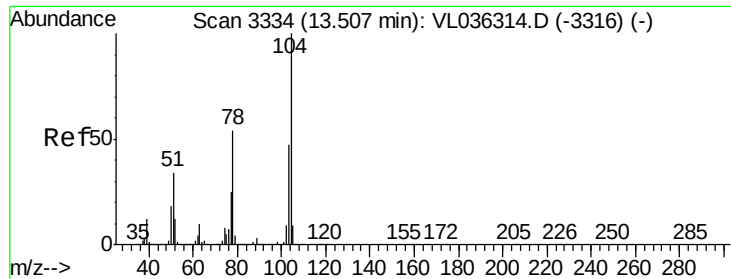
Tot Ion: 91 Resp: 3757245
Ion Ratio Lower Upper
91 100
106 85.2 34.2 51.2#



#60
o-Xylene
Concen: 7.164 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. 0.02 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

Tgt Ion: 91 Resp: 3512700
Ion Ratio Lower Upper
91 100
106 43.9 22.0 66.0





#61

Stvrene

Concen: 8.167 ppbv

RT: 13.52 min Scan# 3339

Delta R.T. 0.02 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

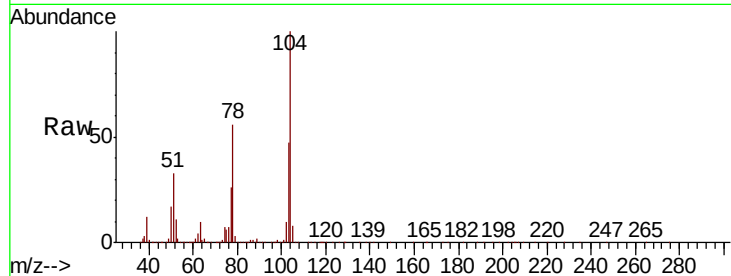
Tot Ion:104 Resp: 2481698

Ion Ratio Lower Upper

104 100

78 55.5 46.2 69.2

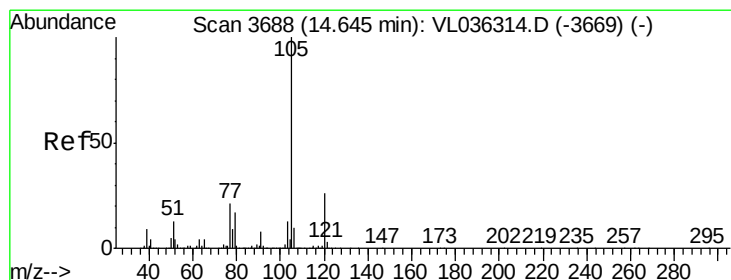
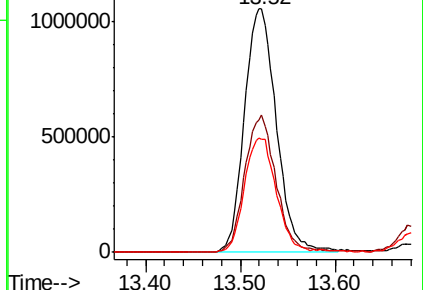
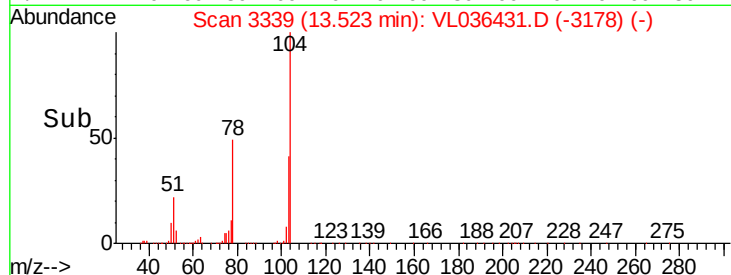
103 47.5 38.3 57.5



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: 7.023 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. 0.02 min

Lab File: VL036431.D

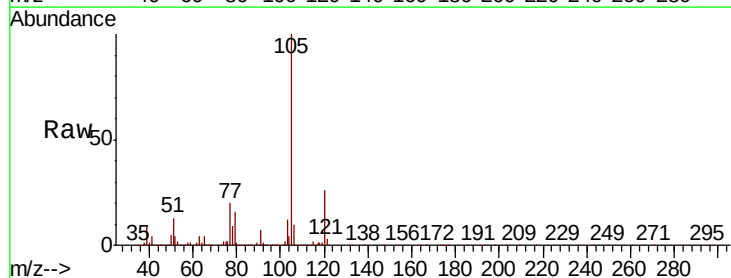
Acq: 2 Mar 2021 16:20

Tgt Ion:105 Resp: 5161163

Ion Ratio Lower Upper

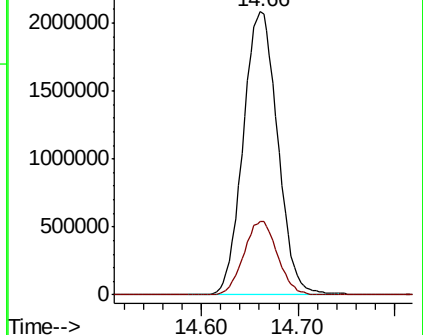
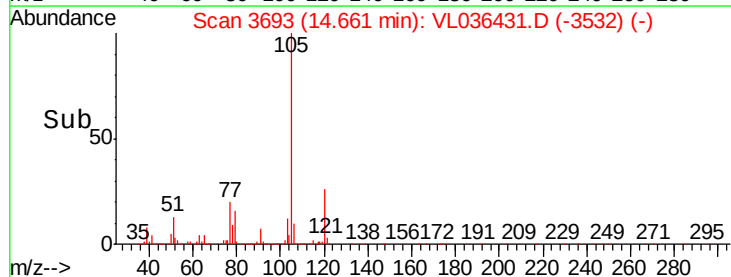
105 100

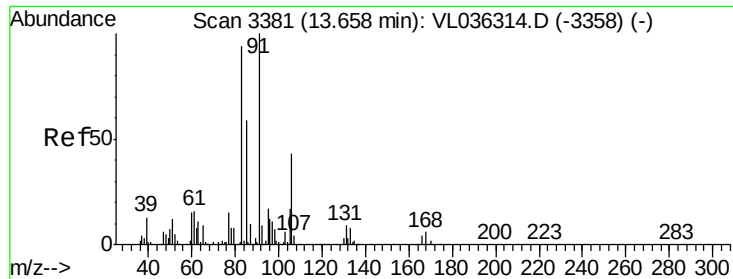
120 25.5 20.6 30.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

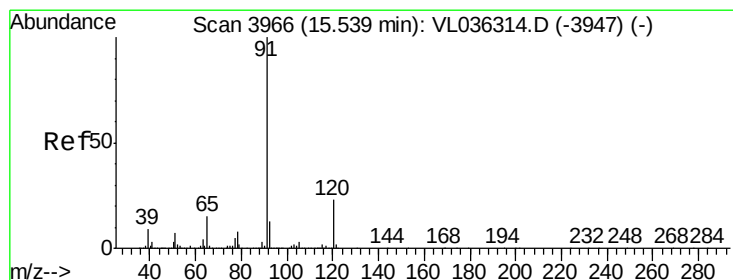
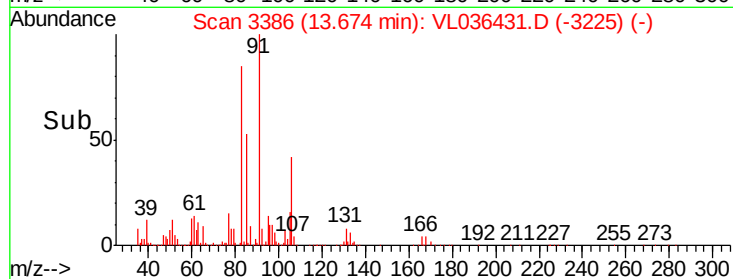
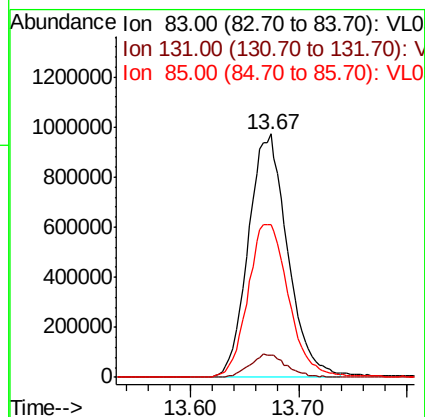
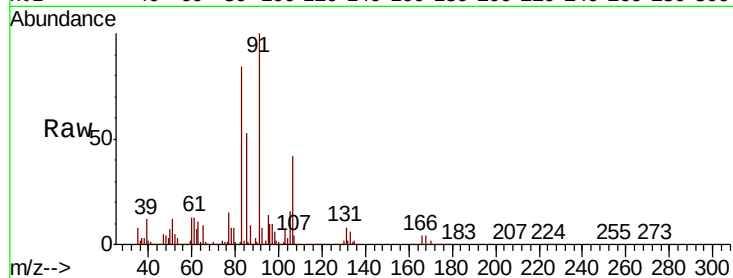




#63
1,1,2,2-Tetrachloroethane
Concen: 6.346 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. 0.02 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

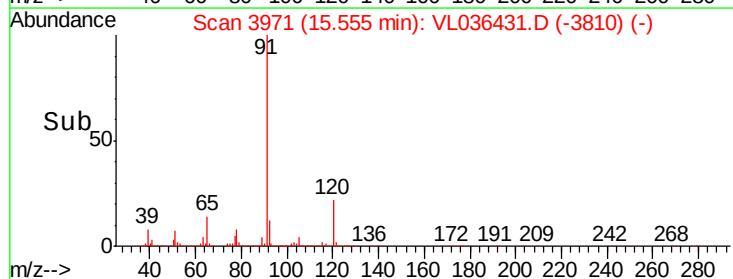
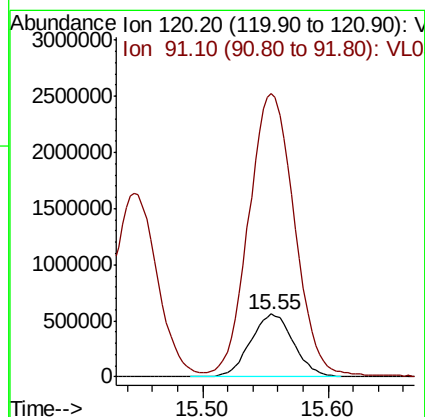
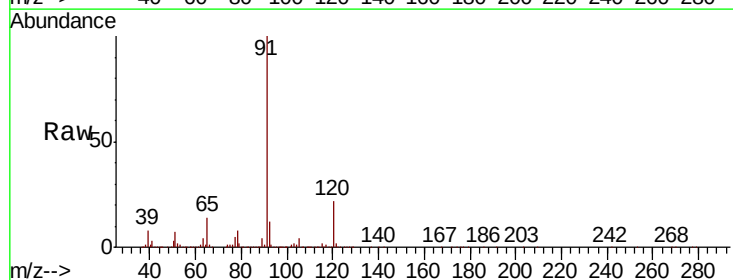
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

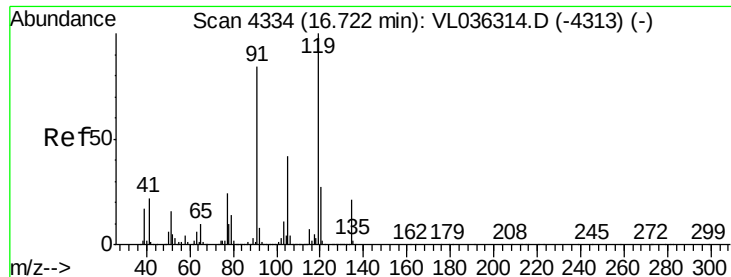
Tot Ion: 83 Resp: 2454880
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.0
85 66.0 33.0 98.9



#64
n-propylbenzene
Concen: 7.402 ppbv
RT: 15.55 min Scan# 3971
Delta R.T. 0.02 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

Tgt Ion: 120 Resp: 1338794
Ion Ratio Lower Upper
120 100
91 482.4 387.2 580.8

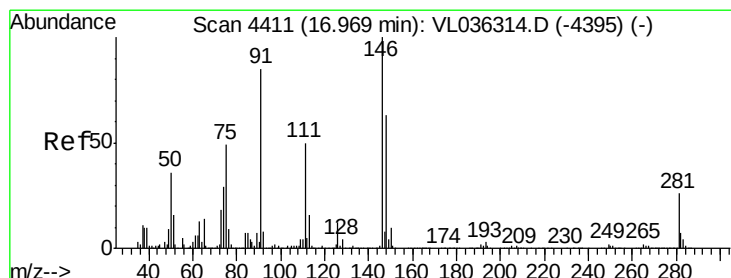
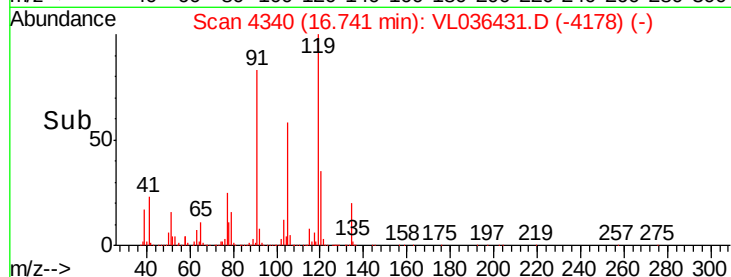
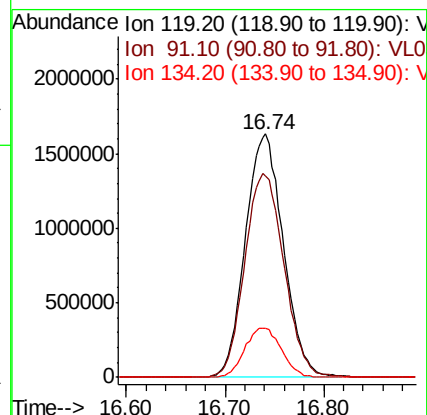
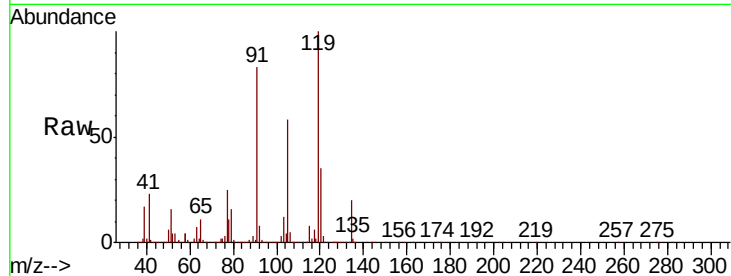




#65
tert-Butylbenzene
Concen: 6.905 ppbv
RT: 16.74 min Scan# 4340
Delta R.T. 0.02 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

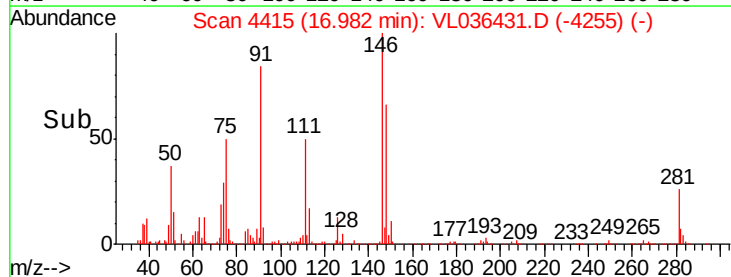
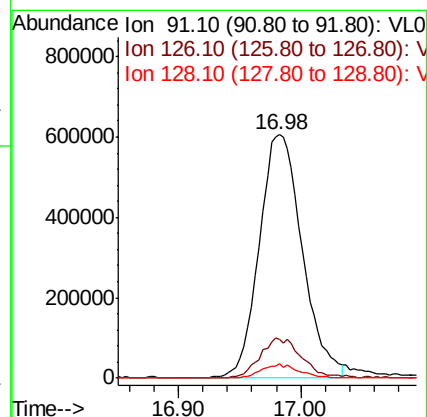
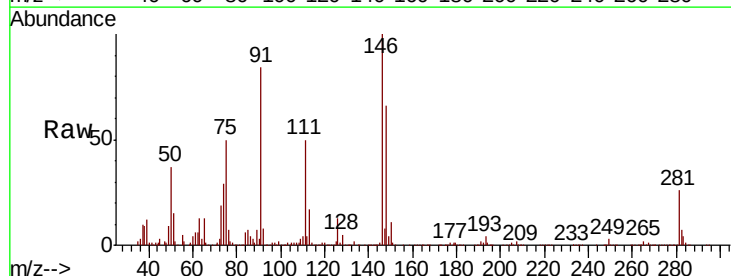
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

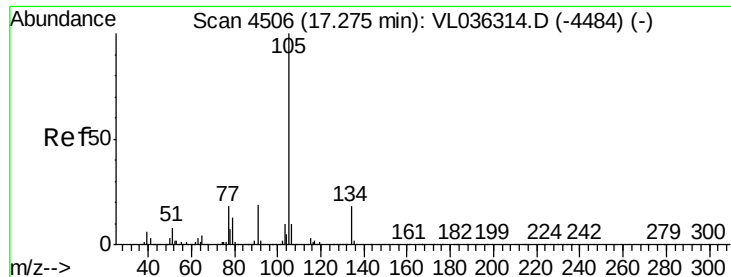
Tot Ion: 119 Resp: 4341877
Ion Ratio Lower Upper
119 100
91 86.8 70.5 105.7
134 19.7 15.8 23.8



#66
Benzyl Chloride
Concen: 8.637 ppbv
RT: 16.98 min Scan# 4415
Delta R.T. 0.01 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

Tgt Ion: 91 Resp: 1476448
Ion Ratio Lower Upper
91 100
126 16.3 12.9 19.3
128 5.2 4.2 6.2





#67

sec-Butylbenzene

Concen: 6.897 ppbv

RT: 17.29 min Scan# 4510

Delta R.T. 0.01 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

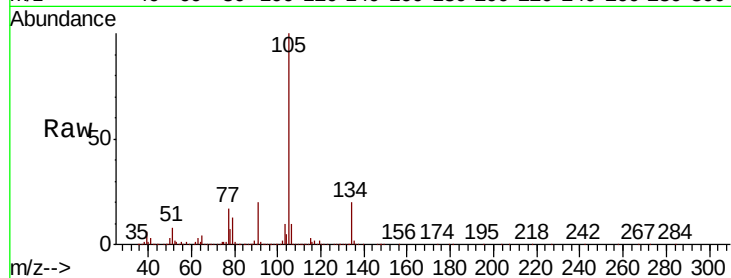
VSTDCCC010EC

Tot Ion:105 Resp: 6254580

Ion Ratio Lower Upper

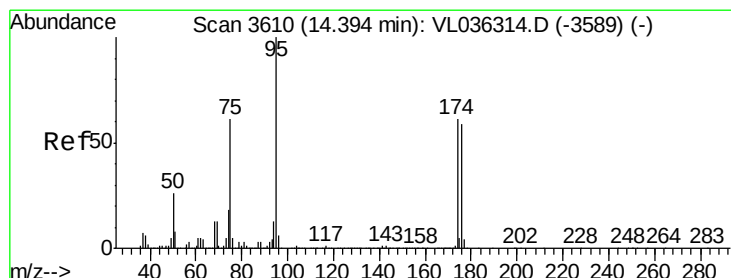
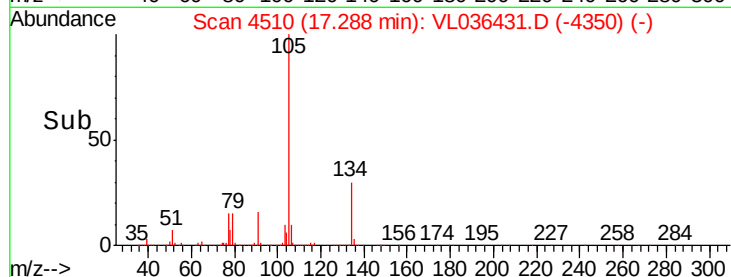
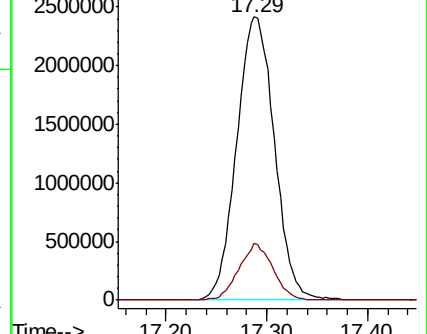
105 100

134 18.3 14.2 21.4



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: 8.223 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.02 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

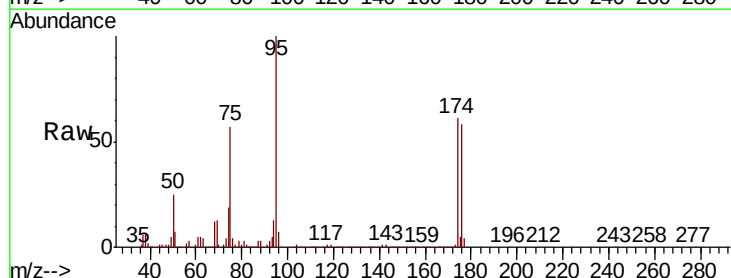
Tgt Ion: 95 Resp: 2884504

Ion Ratio Lower Upper

95 100

174 62.5 49.8 74.6

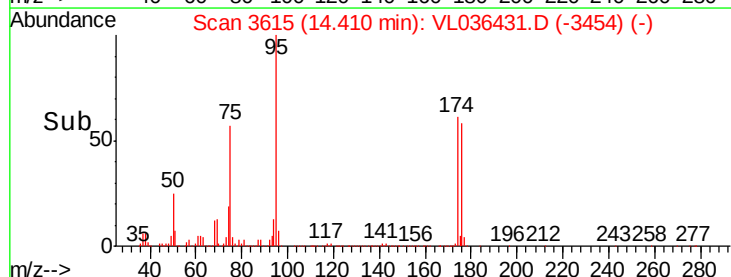
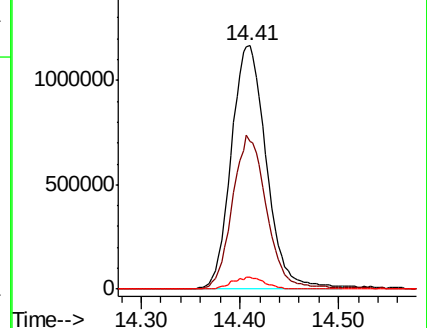
175 4.8 3.7 5.5

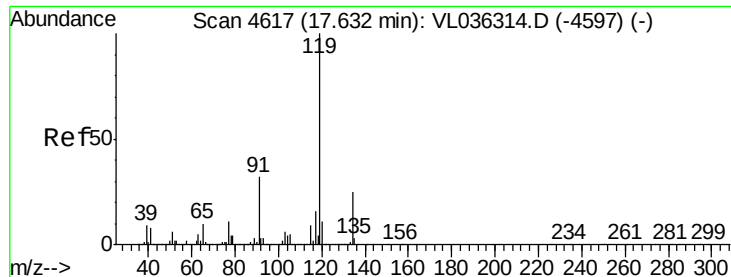


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

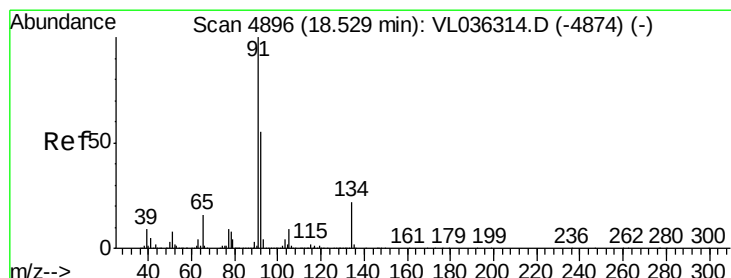
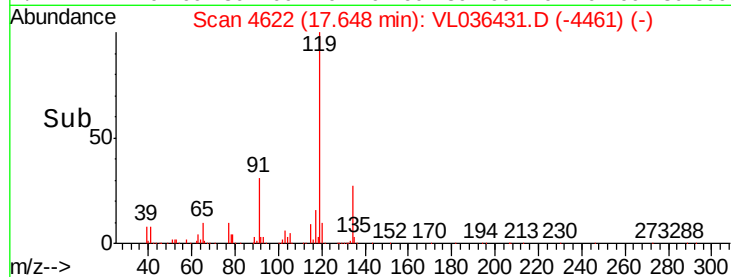
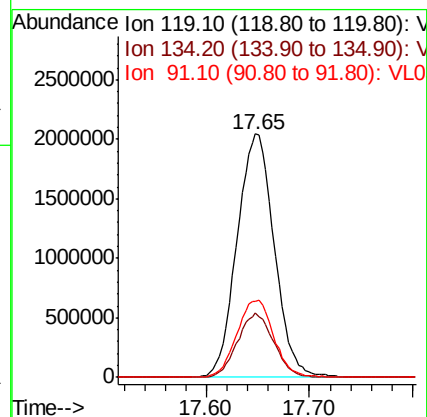
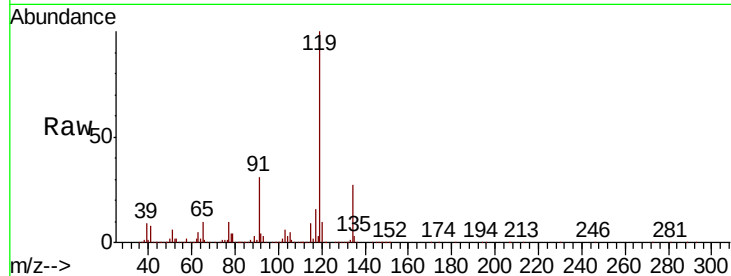




#69
 p-Isopropyltoluene
 Concen: 7.300 ppbv
 RT: 17.65 min Scan# 4622
 Delta R.T. 0.02 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

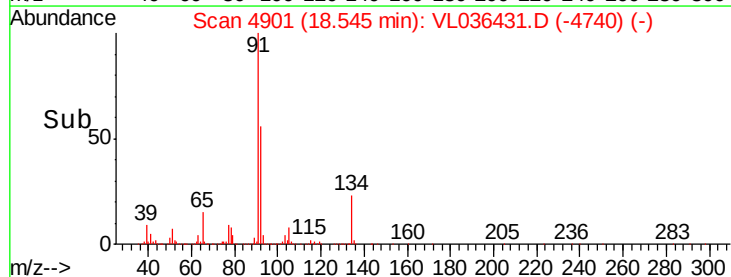
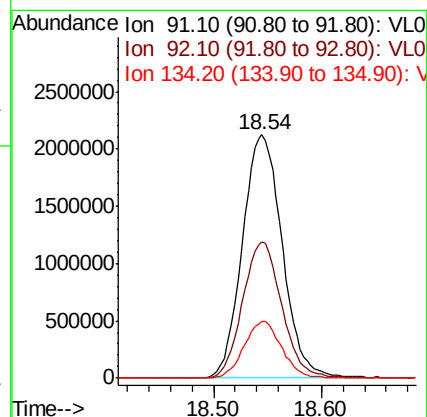
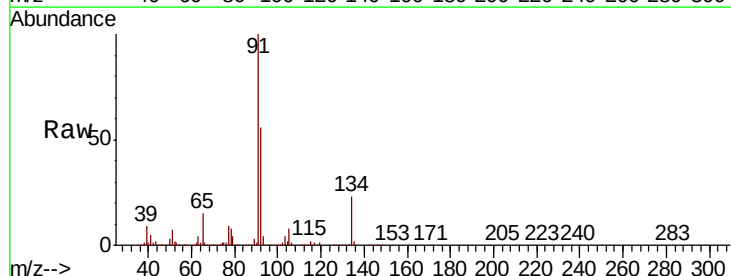
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

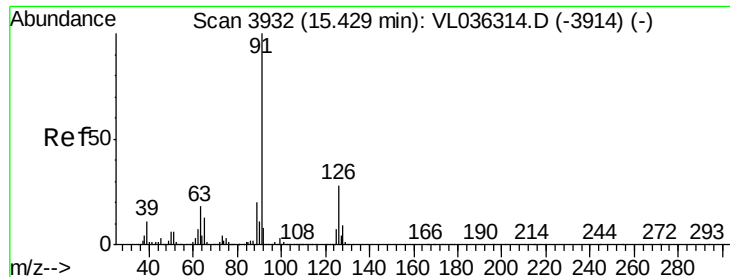
Tot Ion: 119 Resp: 5115802
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.1 30.1
 91 31.5 25.8 38.6



#70
 n-Butylbenzene
 Concen: 7.226 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T. 0.02 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion: 91 Resp: 5430269
 Ion Ratio Lower Upper
 91 100
 92 55.4 43.7 65.5
 134 22.3 17.4 26.0

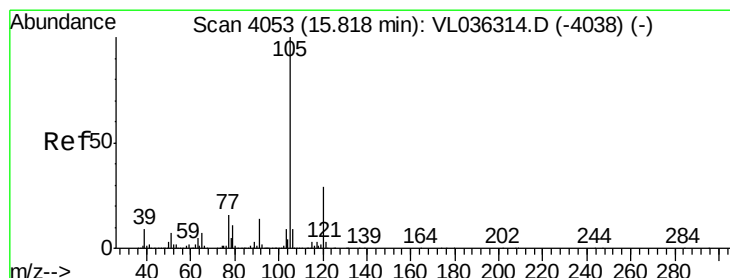
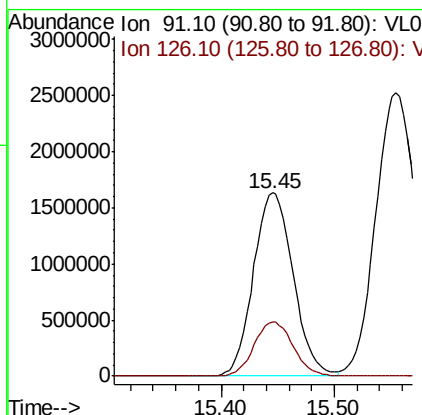
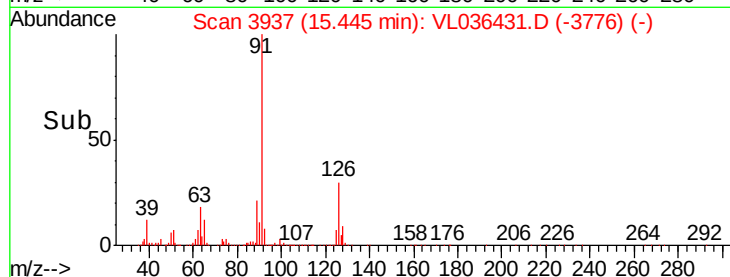
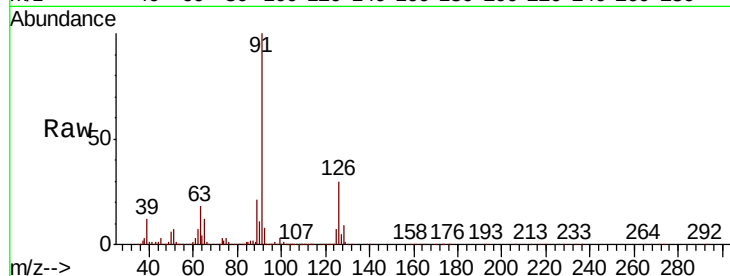




#71
2-Chlorotoluene
Concen: 7.077 ppbv
RT: 15.45 min Scan# 3937
Delta R.T. 0.02 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

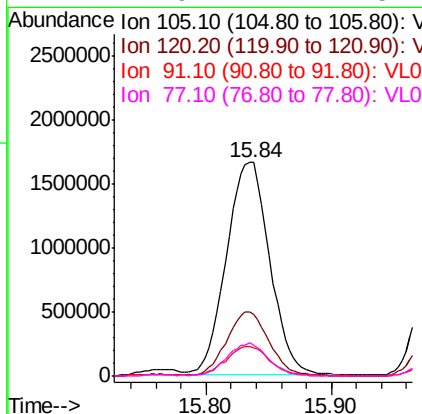
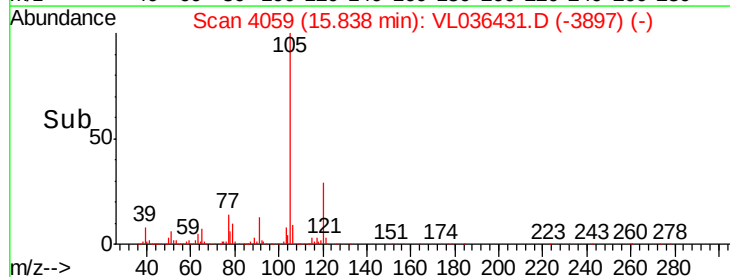
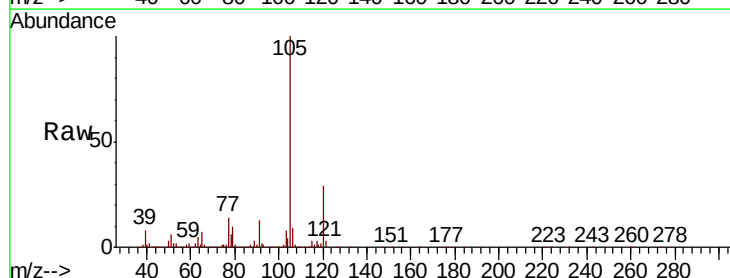
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

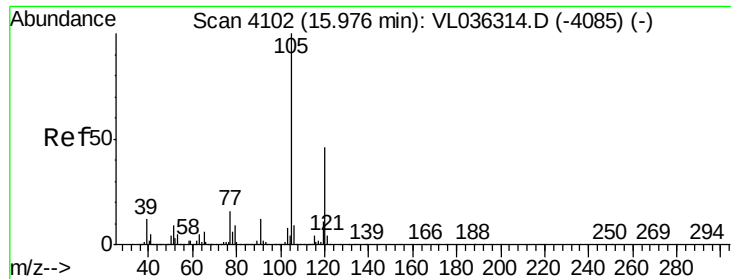
Tot Ion: 91 Resp: 3987168
Ion Ratio Lower Upper
91 100
126 29.5 11.5 46.1



#72
4-Ethyltoluene
Concen: 7.285 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. 0.02 min
Lab File: VL036431.D
Acq: 2 Mar 2021 16:20

Tgt Ion: 105 Resp: 3974946
Ion Ratio Lower Upper
105 100
120 29.6 23.2 34.8
91 13.7 11.0 16.4
77 14.9 12.2 18.4

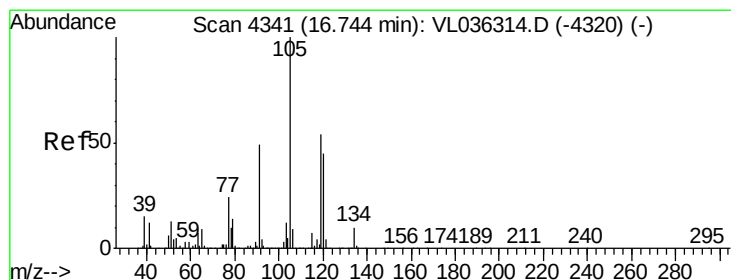
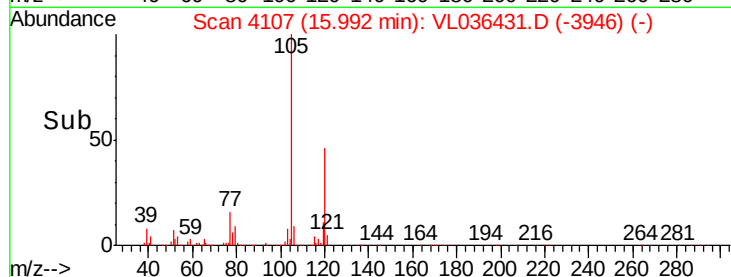
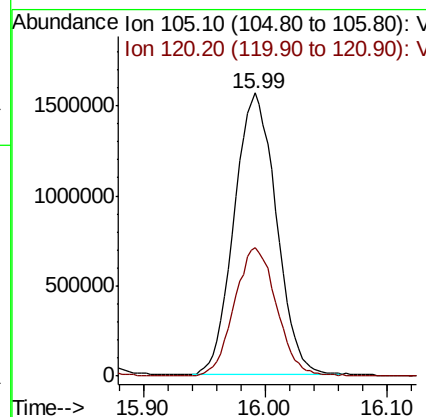
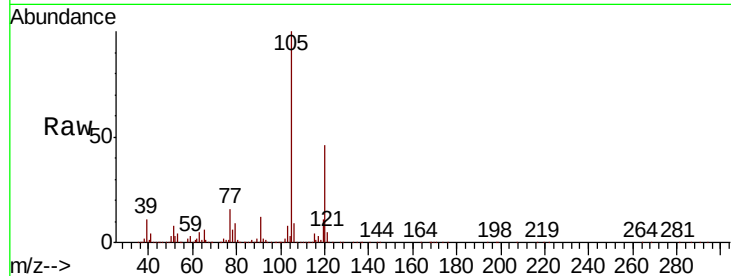




#73
 1,3,5-Trimethylbenzene
 Concen: 7.066 ppbv
 RT: 15.99 min Scan# 4107
 Delta R.T. 0.02 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

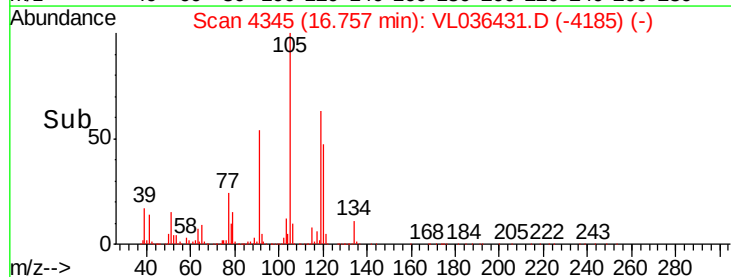
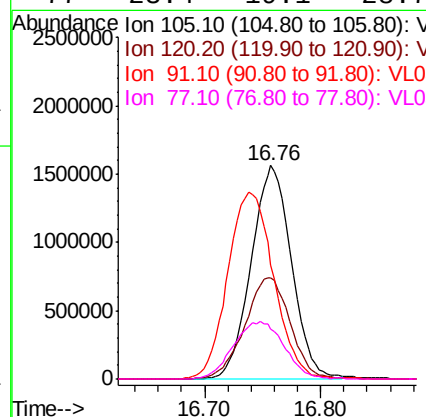
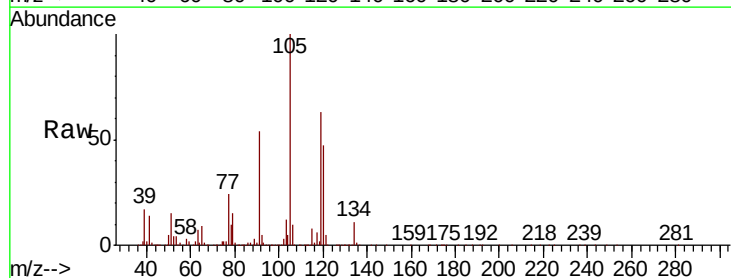
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

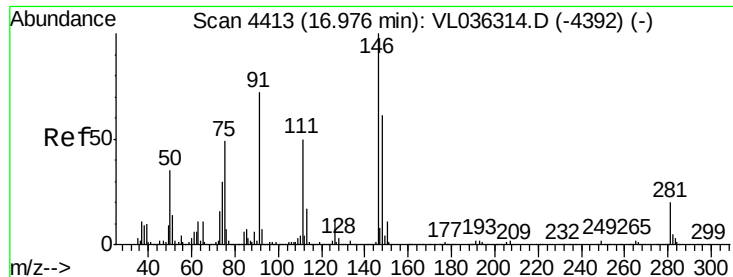
Tot Ion:105 Resp: 3737406
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.9 55.3



#74
 1,2,4-Trimethylbenzene
 Concen: 6.980 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion:105 Resp: 3769177
 Ion Ratio Lower Upper
 105 100
 120 47.3 35.8 53.6
 91 53.0 39.8 59.6
 77 23.4 19.1 28.7

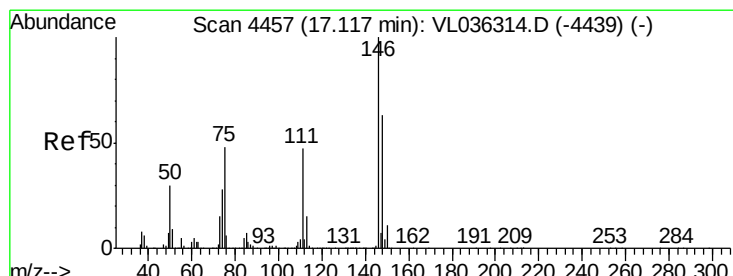
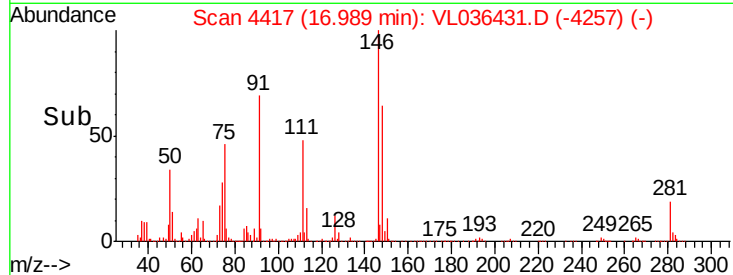
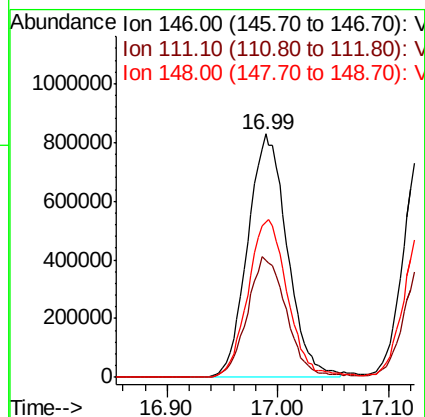
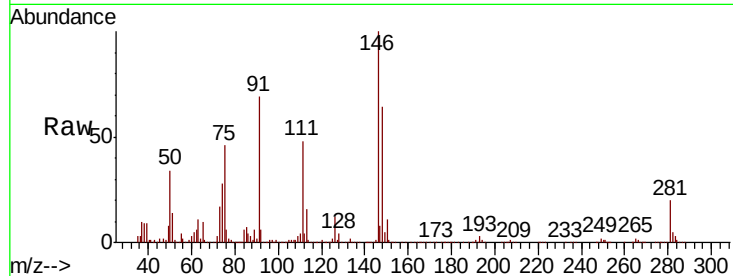




#75
 1,3-Dichlorobenzene
 Concen: 7.026 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

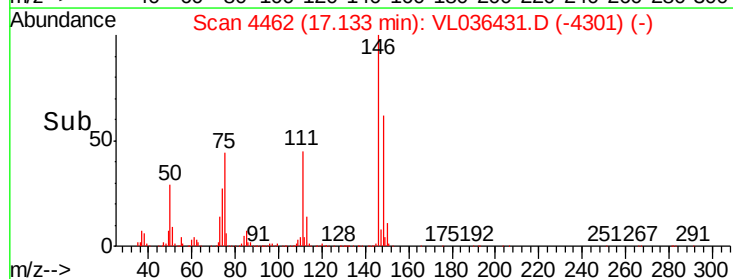
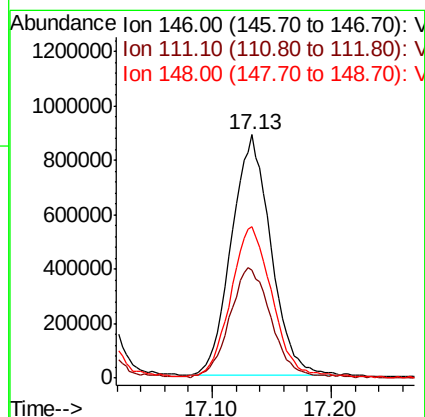
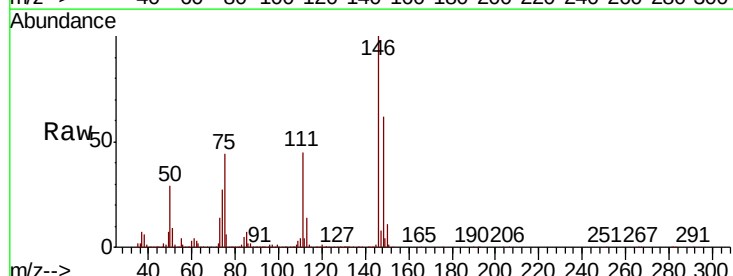
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

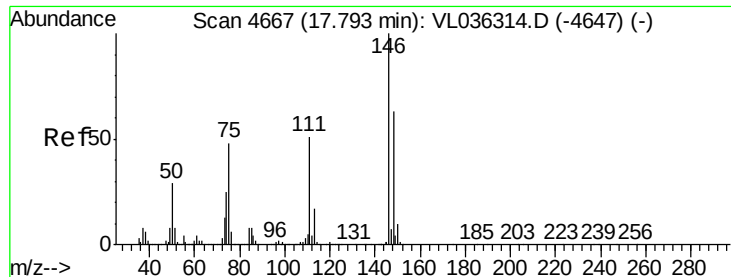
Tot Ion:146 Resp: 2059348
 Ion Ratio Lower Upper
 146 100
 111 49.1 24.9 74.6
 148 65.1 31.9 95.9



#76
 1,4-Dichlorobenzene
 Concen: 6.699 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T. 0.02 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion:146 Resp: 2038774
 Ion Ratio Lower Upper
 146 100
 111 48.5 23.6 71.0
 148 66.9 31.6 95.0

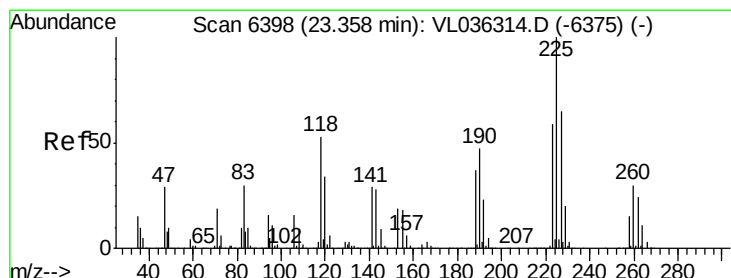
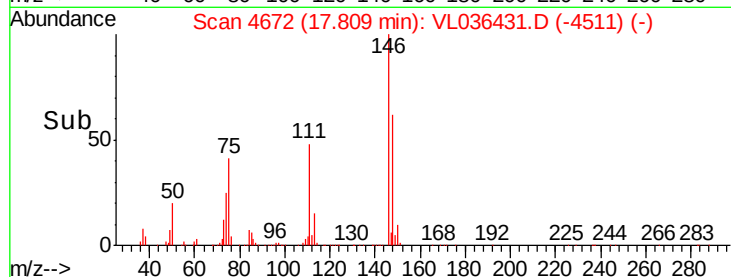
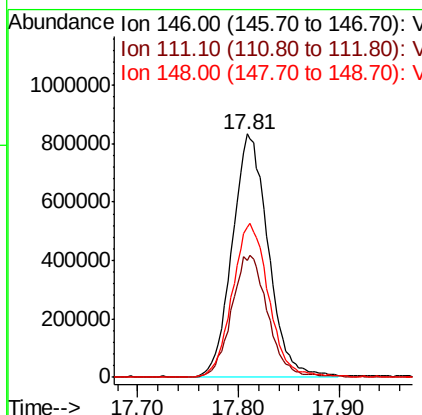
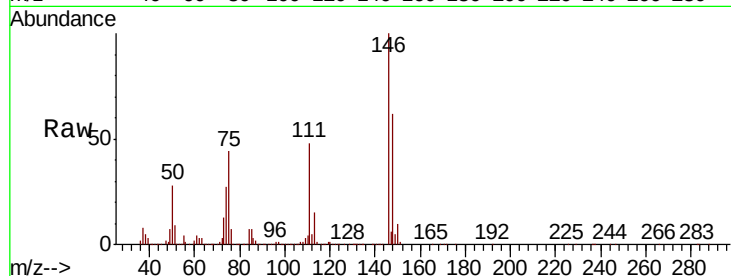




#77
 1,2-Dichlorobenzene
 Concen: 7.080 ppbv
 RT: 17.81 min Scan# 4672
 Delta R.T. 0.02 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

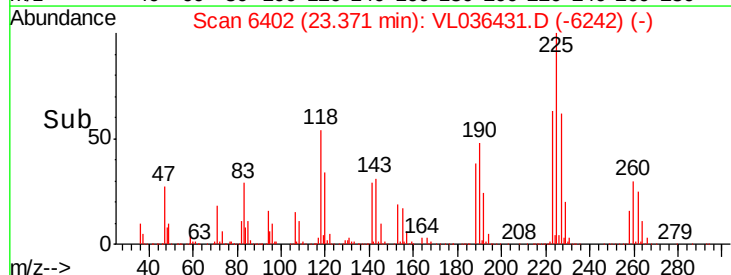
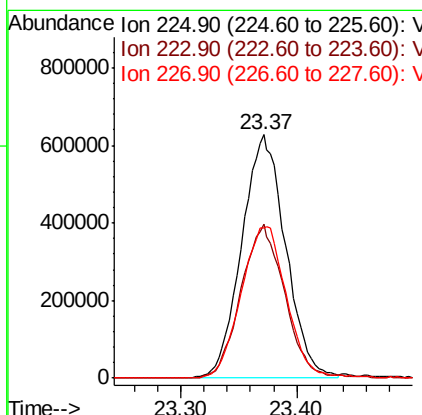
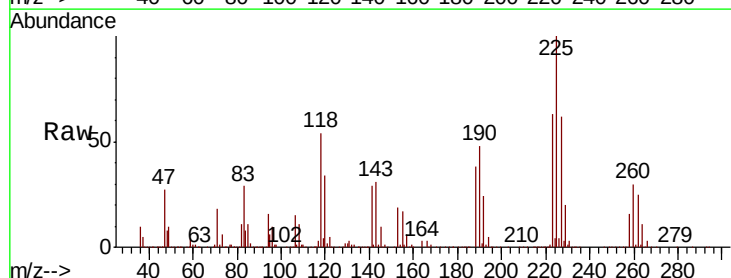
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

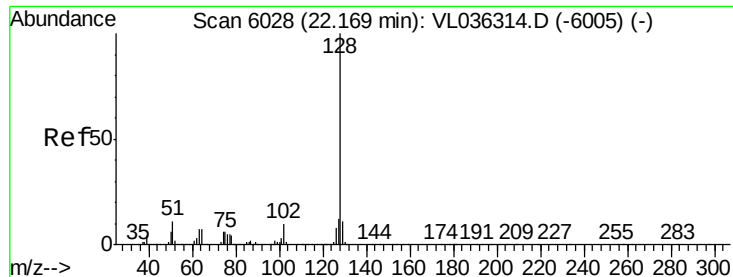
Tot Ion:146 Resp: 2058552
 Ion Ratio Lower Upper
 146 100
 111 50.3 25.9 77.8
 148 63.9 32.5 97.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.936 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T. 0.01 min
 Lab File: VL036431.D
 Acq: 2 Mar 2021 16:20

Tgt Ion:225 Resp: 1647713
 Ion Ratio Lower Upper
 225 100
 223 63.3 50.8 76.2
 227 64.7 52.2 78.2





#79

Naphthalene

Concen: 4.750 ppbv

RT: 22.19 min Scan# 6036

Delta R.T. 0.03 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

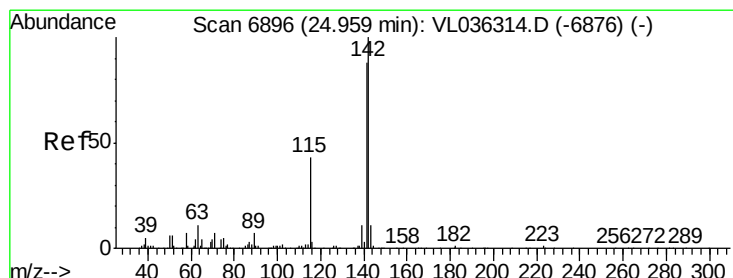
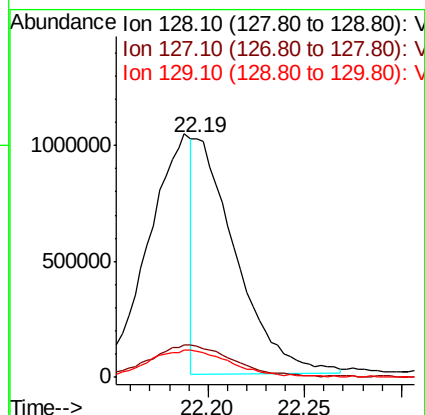
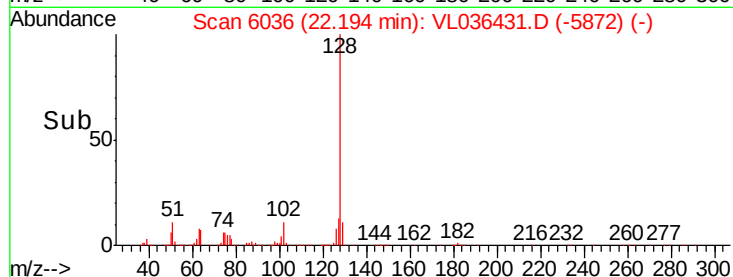
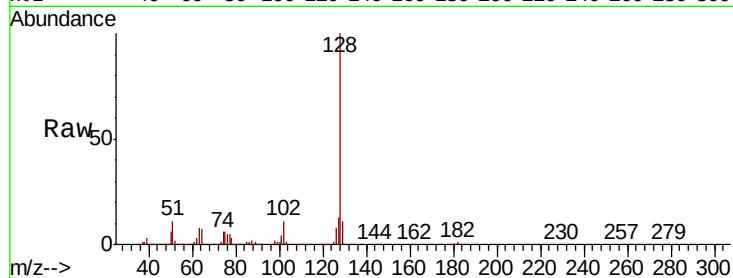
MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:128 Resp: 1520521

Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.6	14.4
129	10.8	8.5	12.7



#80

Naphthalene, 2-methyl-

Concen: 14.323 ppbv

RT: 24.97 min Scan# 6899

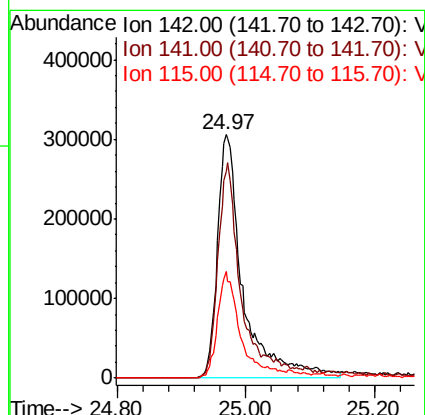
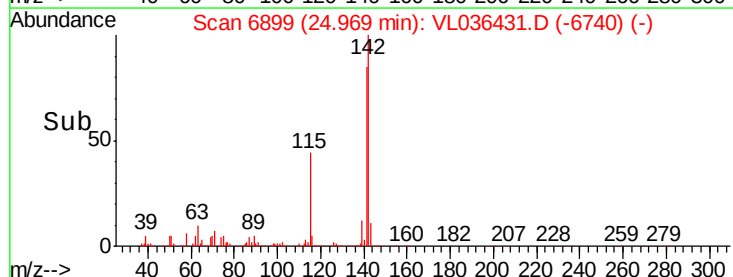
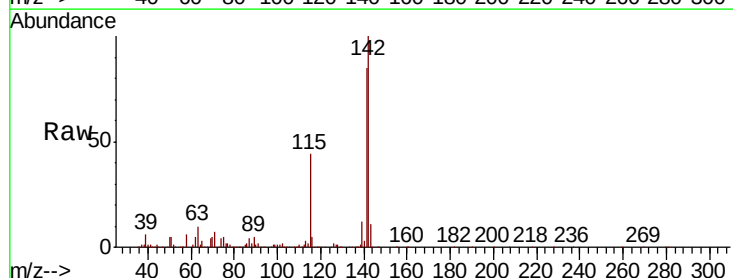
Delta R.T. 0.01 min

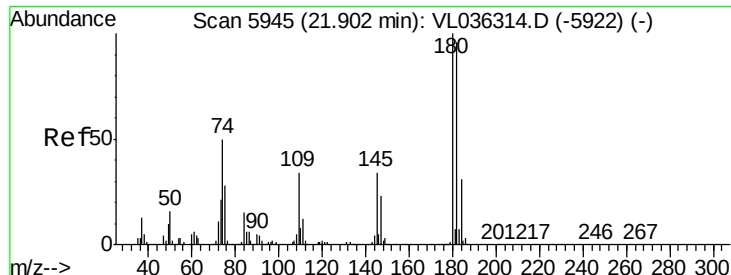
Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Tgt Ion:142 Resp: 848902

Ion	Ratio	Lower	Upper
142	100		
141	82.7	64.4	96.6
115	43.0	34.6	51.8





#81

1,2,4-Trichlorobenzene

Concen: 3.857 ppbv

RT: 21.92 min Scan# 5952

Delta R.T. 0.02 min

Lab File: VL036431.D

Acq: 2 Mar 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:180 Resp: 753195

Ion Ratio Lower Upper

180 100

182 222.6 80.2 120.4#

184 69.5 25.0 37.6#

