

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030121\
 Data File : VL036408.D
 Acq On : 1 Mar 2021 9:24
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 02 02:38:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.70	49	1652510	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	7.21	114	3856673	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.12	117	4380944	10.00	ppbv	0.06

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2854945	7.92	ppbv	0.06
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	2007663	8.140	ppbv 98
3) Chlorodifluoromethane	3.00	51	1883523	9.173	ppbv 99
4) Chloromethane	3.15	50	947009	9.547	ppbv 98
5) Vinyl Chloride	3.28	62	936848	10.142	ppbv 96
6) Bromomethane	3.49	94	551965	10.054	ppbv 93
7) Chloroethane	3.57	64	322421	9.831	ppbv 98
8) Dichlorotetrafluoroethane	3.20	85	2117665	9.441	ppbv 98
9) Propene	3.02	41	854200	11.158	ppbv 98
10) Heptane	8.15	43	2244044	9.946	ppbv 98
11) Trichlorofluoromethane	3.97	101	2268090	9.392	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.51	101	1471617	9.837	ppbv 99
13) Ethanol	3.63	45	69546	4.837	ppbv # 32
14) Bromoethene	3.76	108	632285	10.099	ppbv 97
15) Acetone	3.87	43	1781286	8.818	ppbv 99
16) 1,3-Butadiene	3.34	39	914465	9.467	ppbv 100
17) tert-Butyl alcohol	4.32	59	1560217	9.950	ppbv 100
18) 1,1-Dichloroethene	4.31	96	638095	9.386	ppbv 96
19) Isopropyl Alcohol	3.99	45	1052490	9.405	ppbv 100
20) Methylene Chloride	4.37	84	538004	8.255	ppbv 93
21) Allyl Chloride	4.43	41	1055463	9.385	ppbv 99
22) trans-1,2-Dichloroethene	4.91	96	607384	9.835	ppbv 97
23) Vinyl Acetate	5.10	43	2432255	10.241	ppbv 99
24) 1,1-Dichloroethane	5.03	63	1761040	10.026	ppbv 98
25) Ethyl Acetate	5.70	43	3730351	9.566	ppbv 99
26) Hexane	5.71	57	1534430	9.577	ppbv 99
27) Carbon Disulfide	4.57	76	1625355	11.037	ppbv 98
28) Methyl tert-Butyl Ether	5.06	73	2167257	10.354	ppbv 99
29) Chloroform	5.78	83	2441590	9.459	ppbv 96
30) Cyclohexane	7.16	84	1271364	9.541	ppbv 98
31) cis-1,2-Dichloroethene	5.57	61	1563606	9.862	ppbv 96
32) 1,1,1-Trichloroethane	6.54	97	2382392	9.872	ppbv 98
34) 2-Butanone	5.27	43	2367260	9.238	ppbv 99
35) Carbon Tetrachloride	7.05	117	2413932	9.339	ppbv 98
36) Benzene	6.92	78	3196120	9.756	ppbv 97
37) 1,2-Dichloroethane	6.34	62	1873947	9.252	ppbv 99
38) Trichloroethene	7.86	130	1088045	9.271	ppbv 95
39) 1,2-Dichloropropane	7.64	63	1300480	9.772	ppbv 97
40) 1,4-Dioxane	7.86	88	442634	9.600	ppbv # 86
41) Tetrahydrofuran	6.08	42	1448153	10.127	ppbv 98
42) Bromodichloromethane	7.82	83	2597059	9.573	ppbv 99
43) Methyl Methacrylate	8.04	69	1391959	10.075	ppbv 99

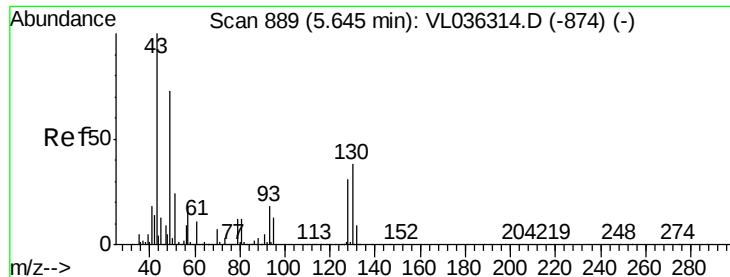
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030121\
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 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.90	57	5419152	9.097	ppbv	99
45) t-1,3-Dichloropropene	9.31	75	1499632	11.252	ppbv	99
46) cis-1,3-Dichloropropene	8.73	75	1846281	10.905	ppbv	99
47) 1,1,2-Trichloroethane	9.51	97	1256652	9.227	ppbv	96
48) Dibromochloromethane	10.34	129	2086412	10.266	ppbv	99
49) Bromoform	13.08	173	1753860	10.675	ppbv	99
50) 4-Methyl-2-Pentanone	8.77	43	3706070	9.742	ppbv	100
51) 2-Hexanone	10.17	43	2988682	10.340	ppbv #	99
52) Tetrachloroethene	11.26	164	1047684	8.735	ppbv	96
53) Toluene	9.84	91	3532413	9.954	ppbv	99
54) 1,2-Dibromoethane	10.64	107	1901365	9.660	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.16	131	1559619	7.740	ppbv #	60
57) Chlorobenzene	12.18	112	2536681	7.494	ppbv	100
58) Ethyl Benzene	12.74	91	4751677	7.921	ppbv	99
59) m/p-Xylene	13.03	91	4165832	7.906	ppbv #	36
60) o-Xylene	13.73	91	3828863	7.600	ppbv	99
61) Styrene	13.56	104	2689843	8.615	ppbv	98
62) Isopropylbenzene	14.71	105	5686291	7.530	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.72	83	2754128	6.928	ppbv	100
64) n-propylbenzene	15.60	120	1460025	7.856	ppbv	100
65) tert-Butylbenzene	16.78	119	4835678	7.484	ppbv	98
66) Benzyl Chloride	17.02	91	1793704	10.212	ppbv	99
67) sec-Butylbenzene	17.33	105	6858499	7.360	ppbv	99
69) p-Isopropyltoluene	17.69	119	5629962	7.818	ppbv	99
70) n-Butylbenzene	18.59	91	5960066	7.718	ppbv	100
71) 2-Chlorotoluene	15.49	91	4456319	7.698	ppbv	98
72) 4-Ethyltoluene	15.88	105	4391525	7.833	ppbv	98
73) 1,3,5-Trimethylbenzene	16.03	105	4153610	7.642	ppbv	99
74) 1,2,4-Trimethylbenzene	16.80	105	4198321	7.566	ppbv	94
75) 1,3-Dichlorobenzene	17.03	146	2290956	7.607	ppbv	100
76) 1,4-Dichlorobenzene	17.18	146	2264688	7.241	ppbv	97
77) 1,2-Dichlorobenzene	17.85	146	2250052	7.531	ppbv	99
78) Hexachloro-1,3-Butadiene	23.41	225	1571965	6.440	ppbv	99
79) Naphthalene	22.24	128	3027318	9.204	ppbv	96
80) Naphthalene, 2-methyl-	25.00	142	738882	12.133	ppbv	95
81) 1,2,4-Trichlorobenzene	21.97	180	1599135	7.969	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

ClientSampleId :

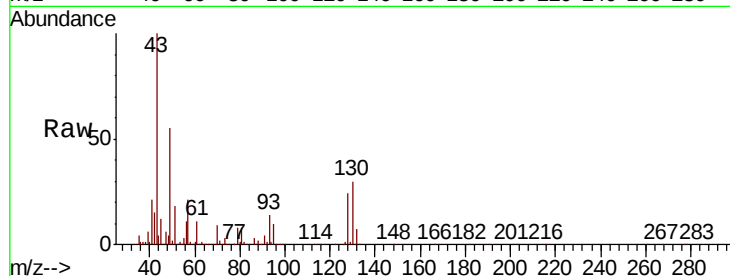
Tot Ion: 49 Resp: 1652510

Ion Ratio Lower Upper

49 100

128 43.2 20.8 62.5

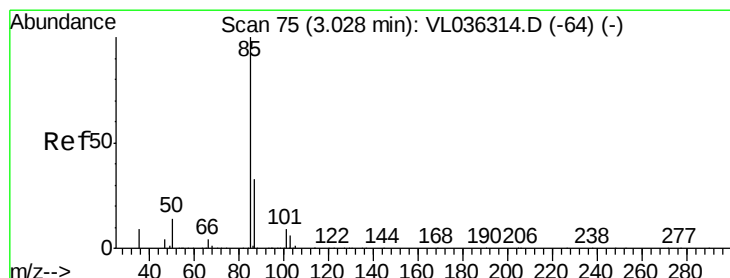
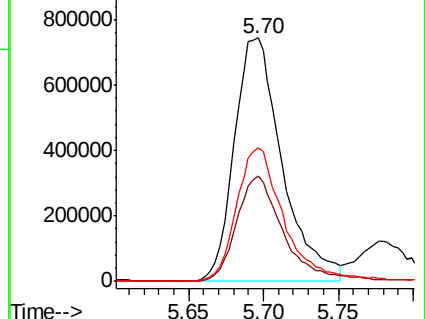
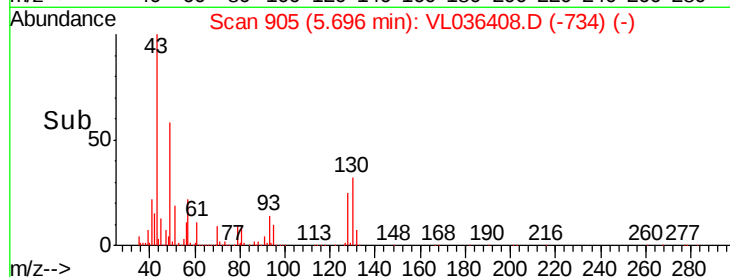
130 55.6 26.7 80.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 8.140 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.04 min

Lab File: VL036408.D

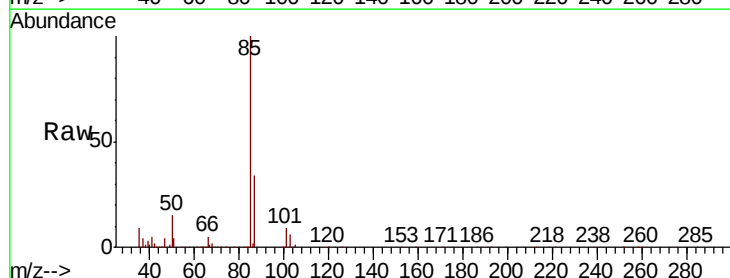
Acq: 1 Mar 2021 9:24

Tgt Ion: 85 Resp: 2007663

Ion Ratio Lower Upper

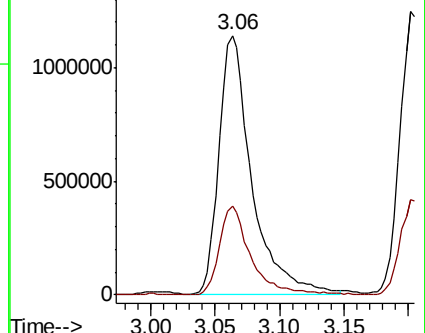
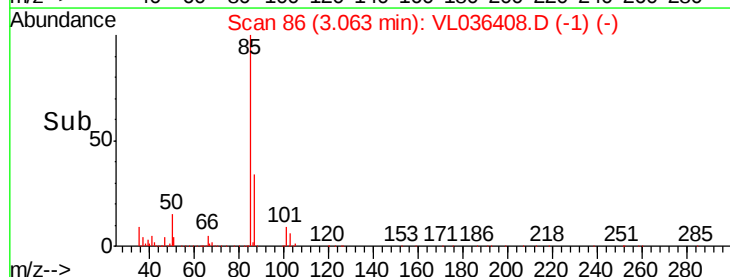
85 100

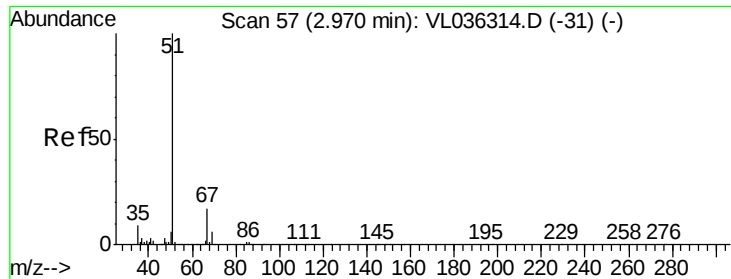
87 34.2 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.173 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.03 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

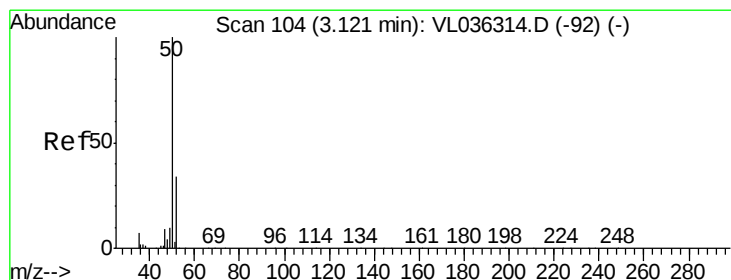
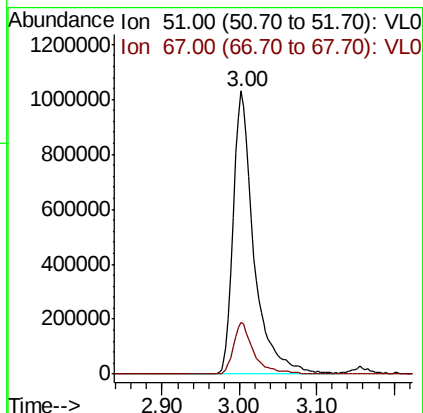
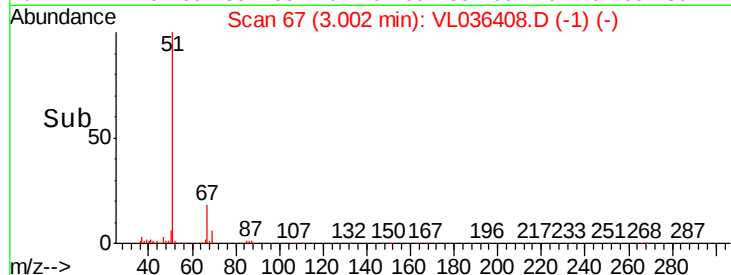
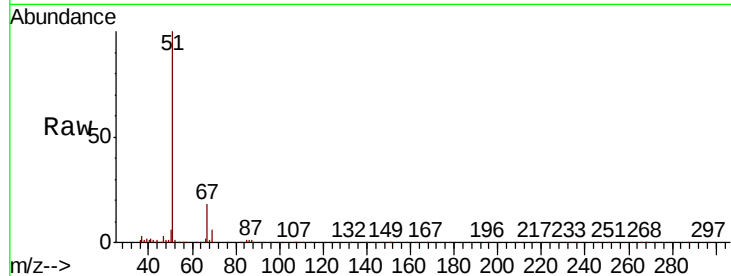
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 51 Resp: 1883523

Ion Ratio Lower Upper

51 100

67 18.0 14.7 22.1



#4

Chloromethane

Concen: 9.547 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.03 min

Lab File: VL036408.D

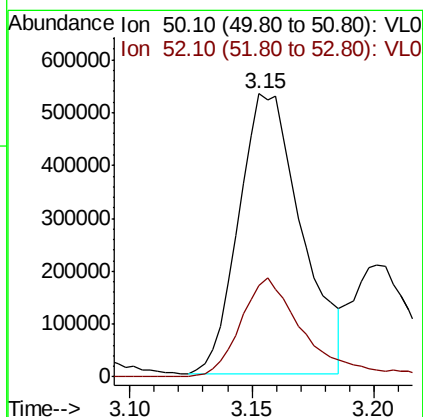
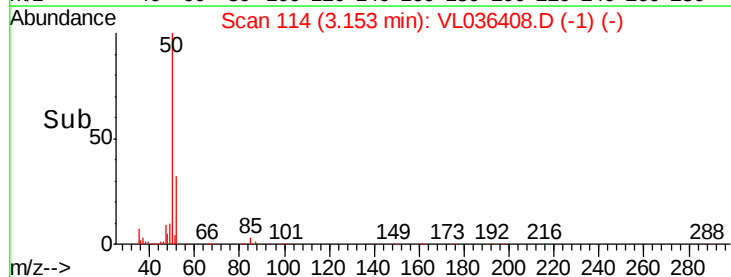
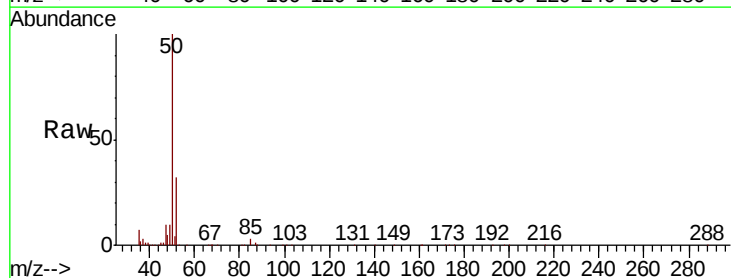
Acq: 1 Mar 2021 9:24

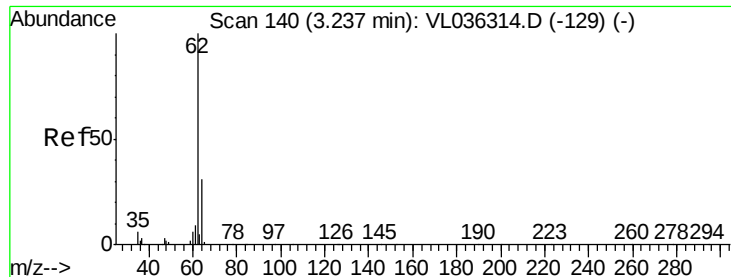
Tgt Ion: 50 Resp: 947009

Ion Ratio Lower Upper

50 100

52 32.5 27.0 40.4





#5

Vinyl Chloride

Concen: 10.142 ppbv

RT: 3.28 min Scan# 152

Delta R.T. 0.04 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

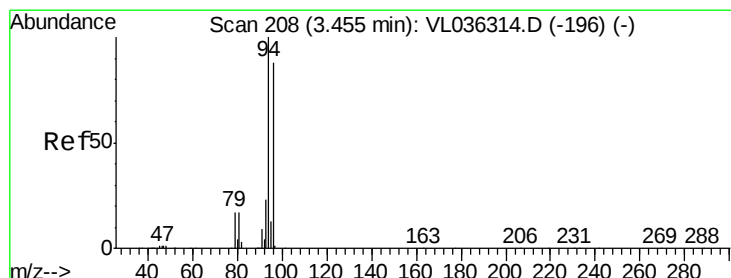
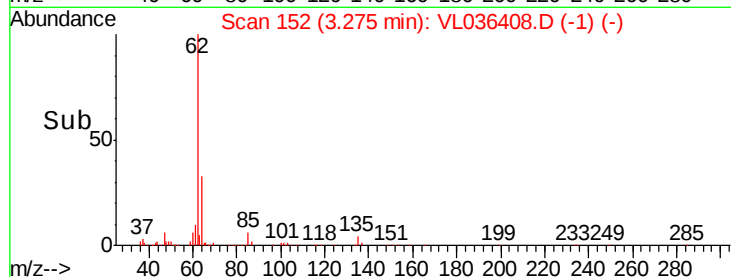
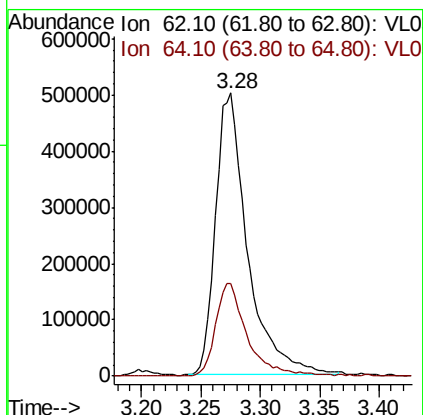
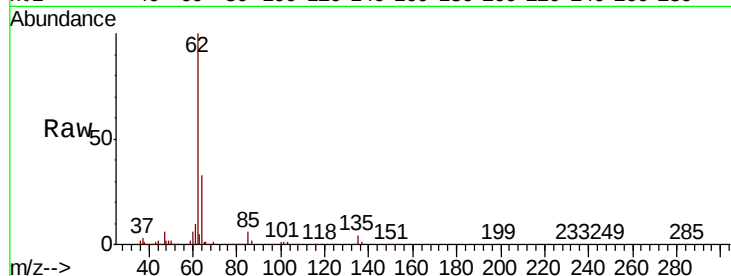
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 62 Resp: 936848

Ion Ratio Lower Upper

62 100

64 32.7 24.4 36.6



#6

Bromomethane

Concen: 10.054 ppbv

RT: 3.49 min Scan# 219

Delta R.T. 0.04 min

Lab File: VL036408.D

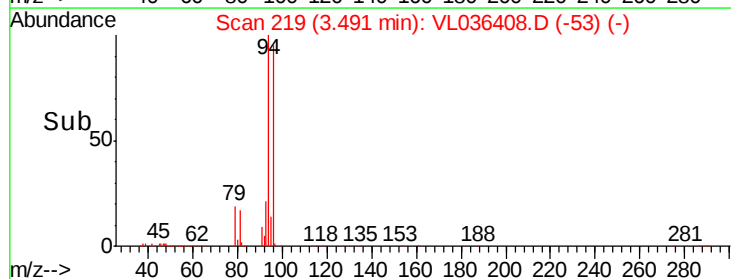
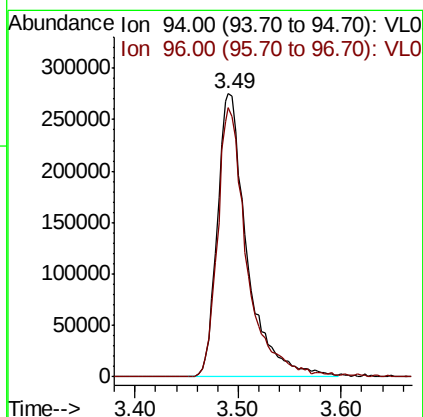
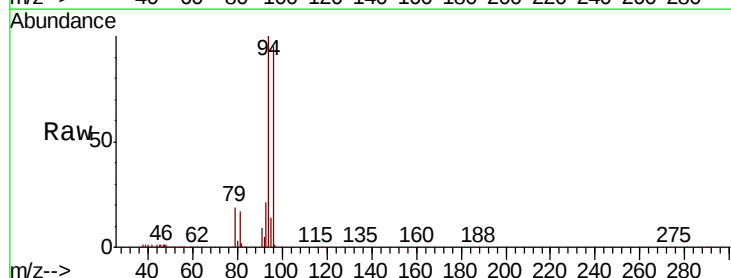
Acq: 1 Mar 2021 9:24

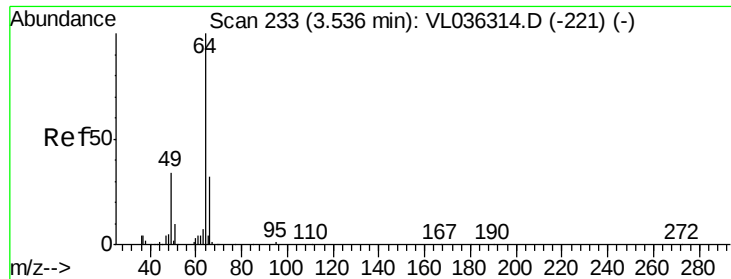
Tgt Ion: 94 Resp: 551965

Ion Ratio Lower Upper

94 100

96 95.2 70.8 106.2





#7

Chloroethane

Concen: 9.831 ppbv

RT: 3.57 min Scan# 245

Delta R.T. 0.04 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

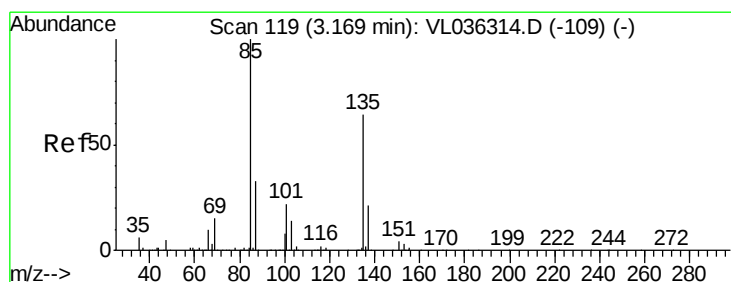
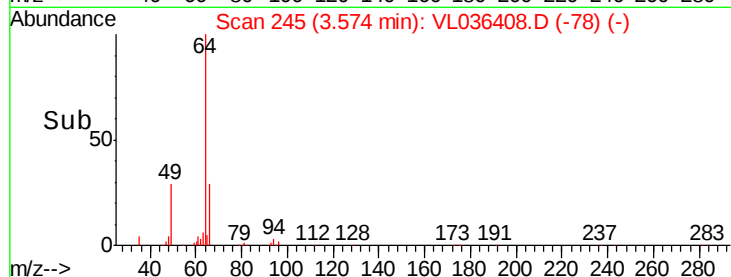
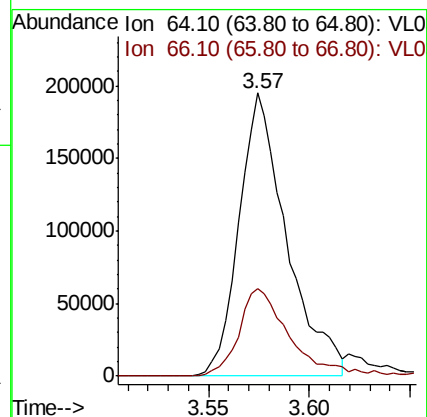
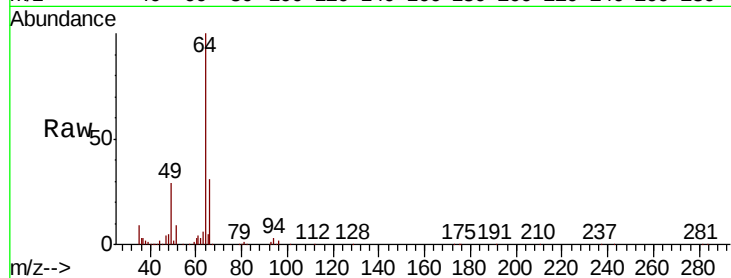
ClientSampleId :

Tot Ion: 64 Resp: 322421

Ion Ratio Lower Upper

64 100

66 31.0 25.6 38.4



#8

Dichlorotetrafluoroethane

Concen: 9.441 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.03 min

Lab File: VL036408.D

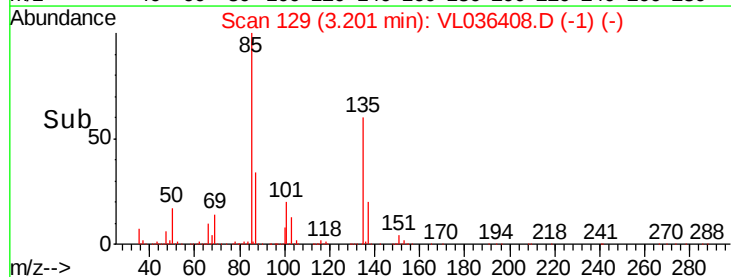
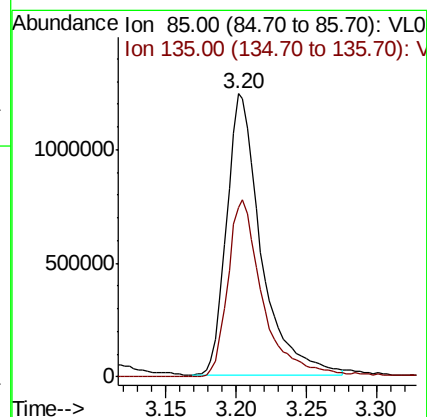
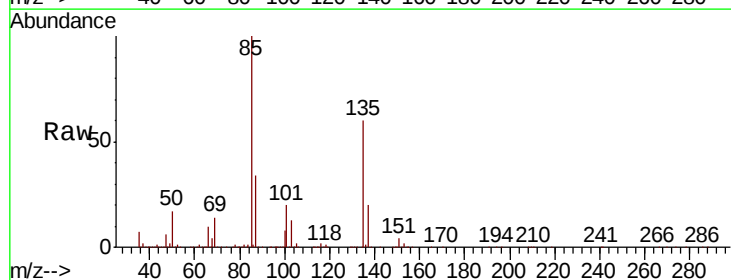
Acq: 1 Mar 2021 9:24

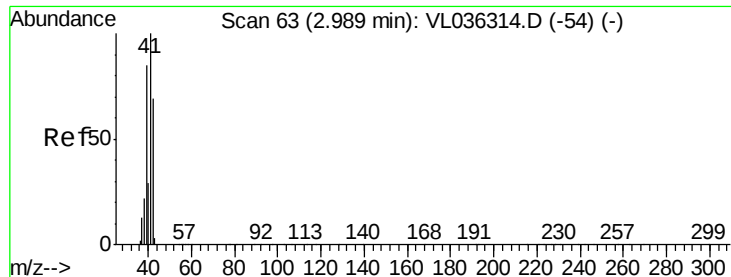
Tgt Ion: 85 Resp: 2117665

Ion Ratio Lower Upper

85 100

135 65.4 51.1 76.7

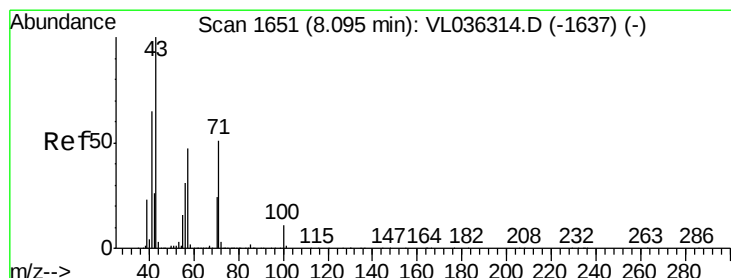
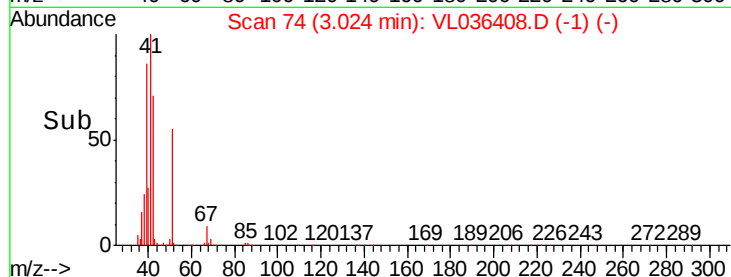
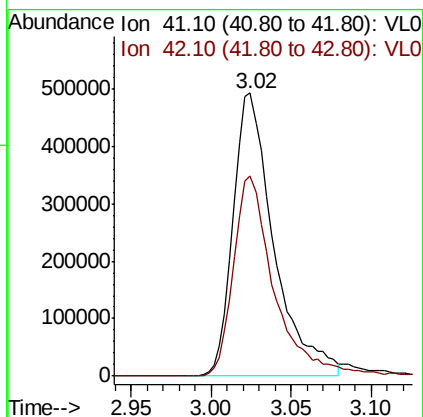
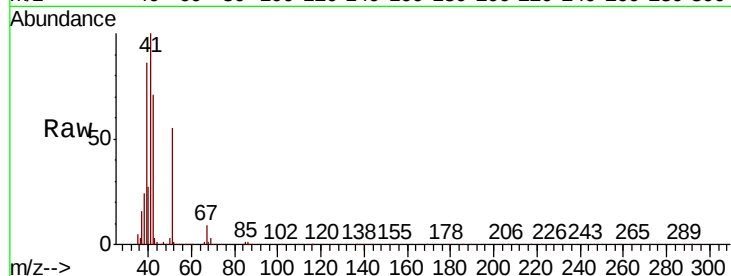




#9
 Propene
 Concen: 11.158 ppbv
 RT: 3.02 min Scan# 74
 Delta R.T. 0.04 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

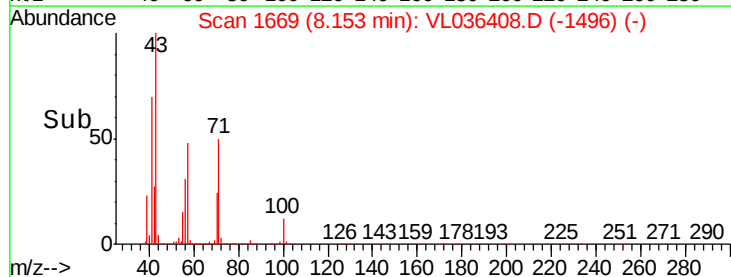
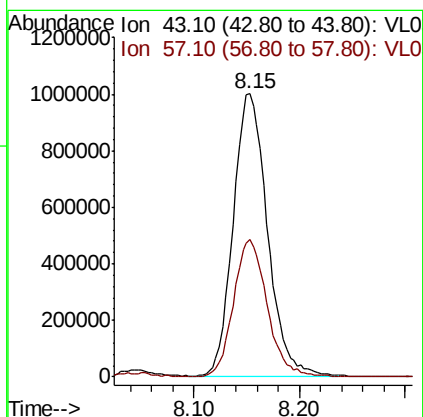
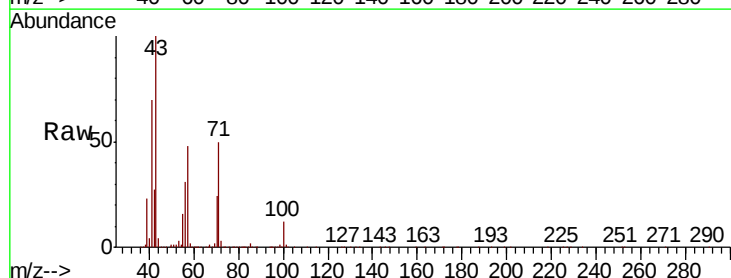
Instrument :
 MSVOA_L
 ClientSampleId :

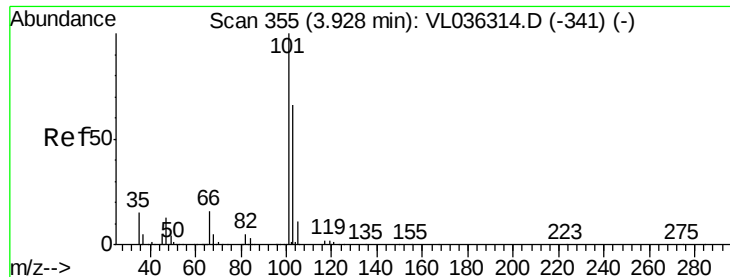
Tot Ion: 41 Resp: 854200
 Ion Ratio Lower Upper
 41 100
 42 71.9 56.2 84.2



#10
 Heptane
 Concen: 9.946 ppbv
 RT: 8.15 min Scan# 1669
 Delta R.T. 0.06 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Tgt Ion: 43 Resp: 2244044
 Ion Ratio Lower Upper
 43 100
 57 47.6 39.4 59.2





#11

Trichlorofluoromethane

Concen: 9.392 ppbv

RT: 3.97 min Scan# 368

Delta R.T. 0.04 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

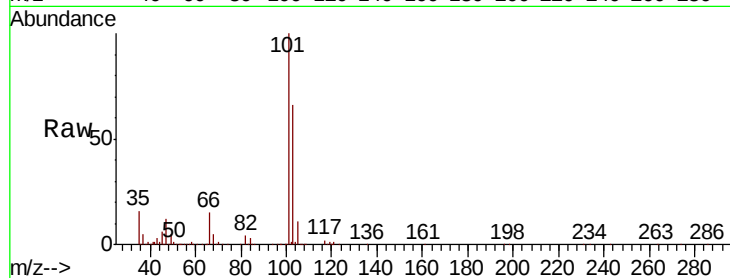
ClientSampled :

Tot Ion:101 Resp: 2268090

Ion Ratio Lower Upper

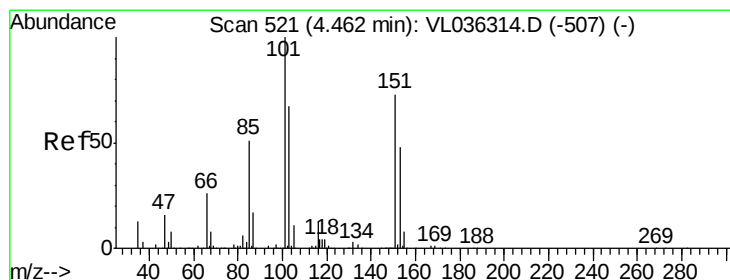
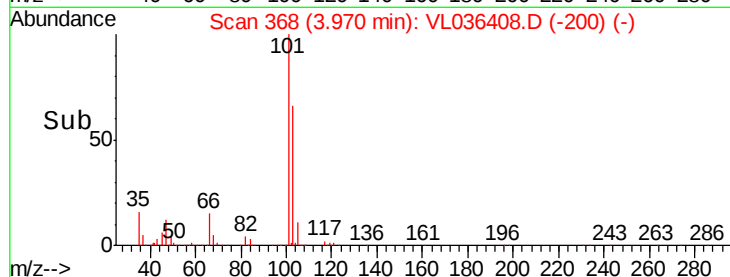
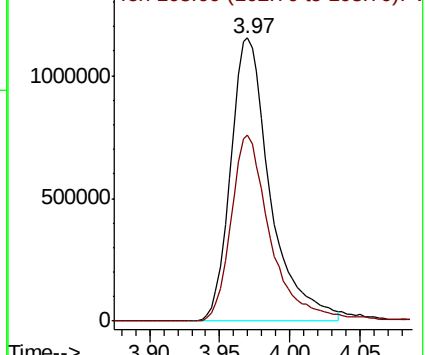
101 100

103 65.9 52.9 79.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.837 ppbv

RT: 4.51 min Scan# 535

Delta R.T. 0.04 min

Lab File: VL036408.D

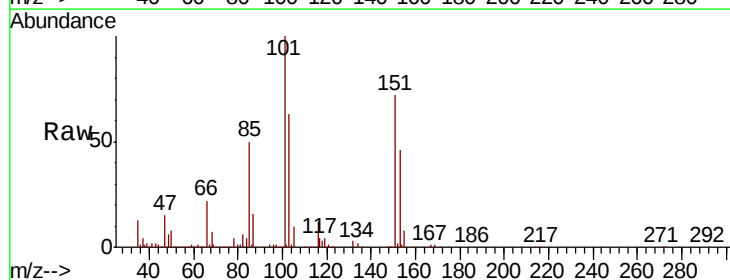
Acq: 1 Mar 2021 9:24

Tgt Ion:101 Resp: 1471617

Ion Ratio Lower Upper

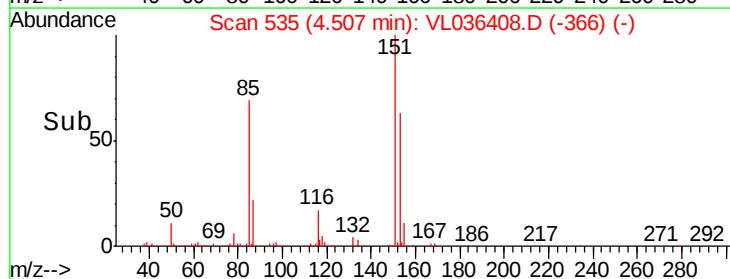
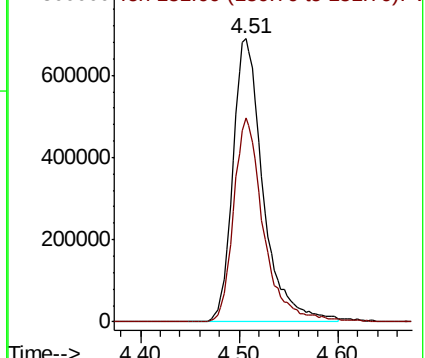
101 100

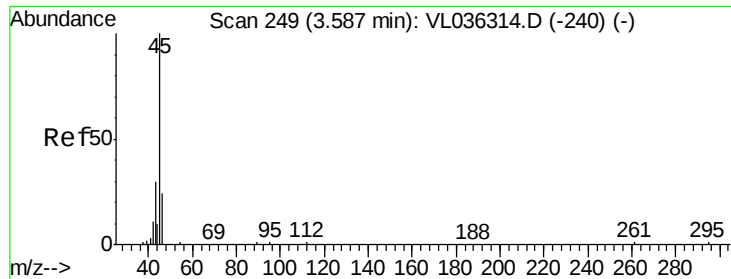
151 71.6 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

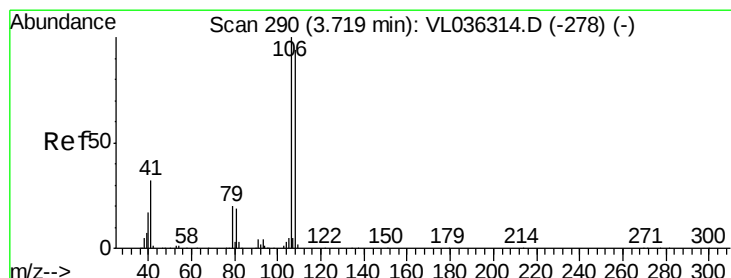
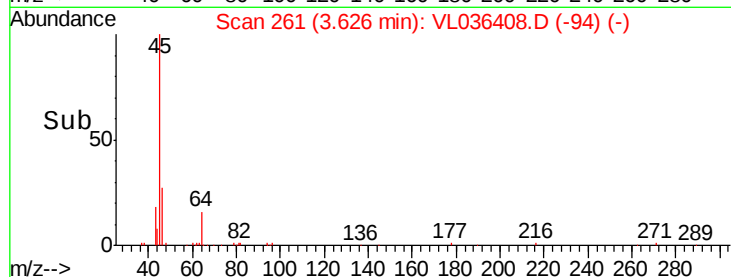
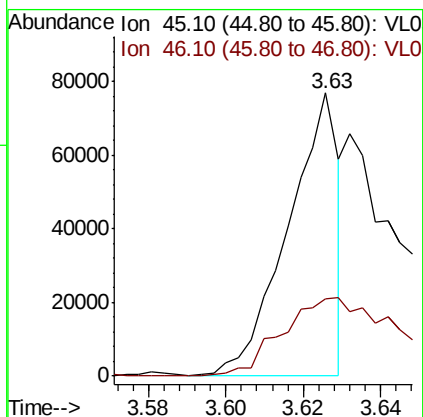
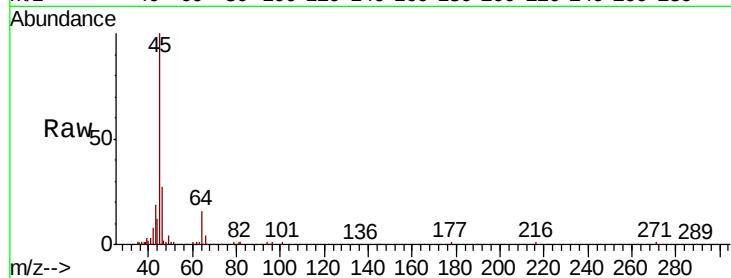




#13
Ethanol
Concen: 4.837 ppbv
RT: 3.63 min Scan# 261
Delta R.T. 0.04 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

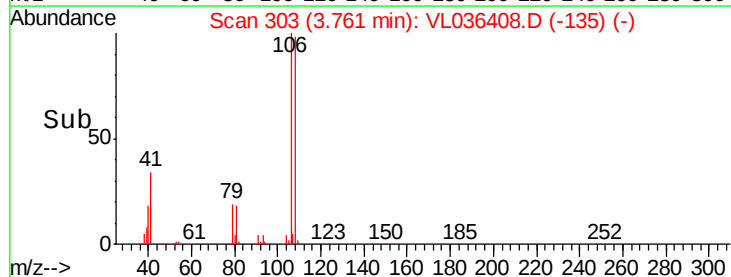
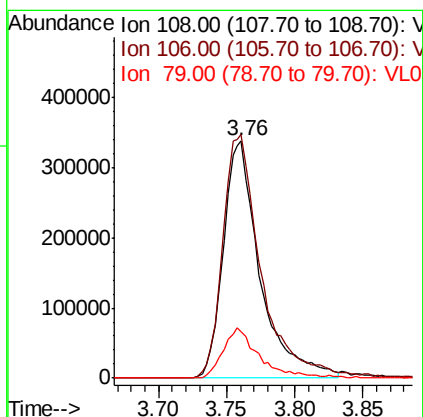
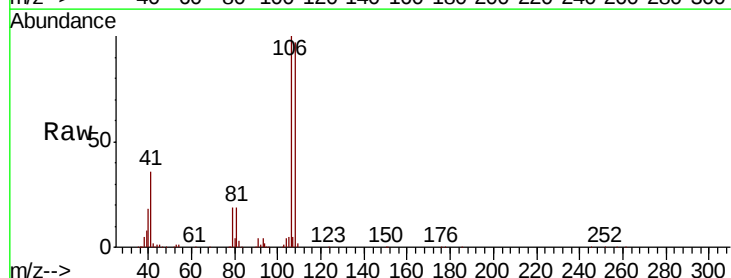
Instrument :
MSVOA_L
ClientSampleId :

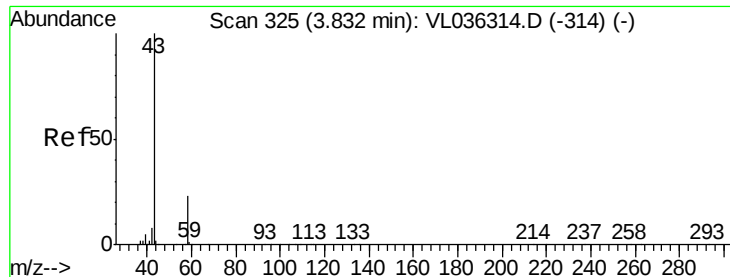
Tot Ion: 45 Resp: 69546
Ion Ratio Lower Upper
45 100
46 0.0 17.7 70.7#



#14
Bromoethene
Concen: 10.099 ppbv
RT: 3.76 min Scan# 303
Delta R.T. 0.04 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

Tgt Ion: 108 Resp: 632285
Ion Ratio Lower Upper
108 100
106 108.5 89.8 134.8
79 21.3 17.1 25.7





#15

Acetone

Concen: 8.818 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.04 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

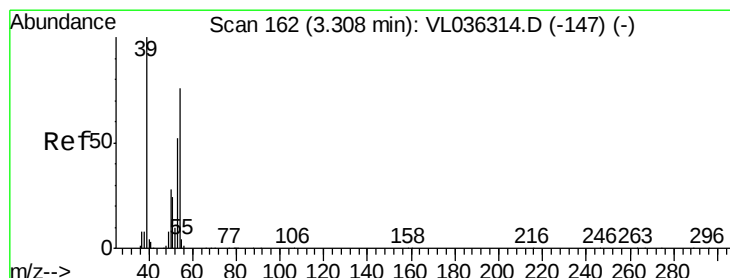
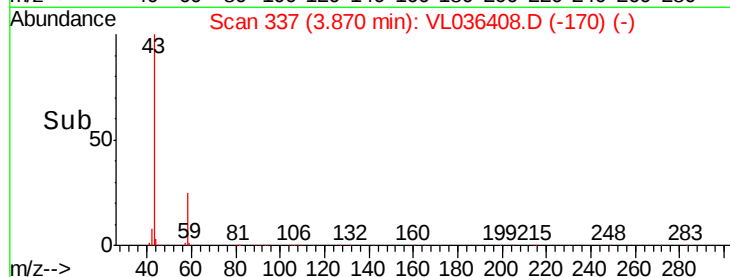
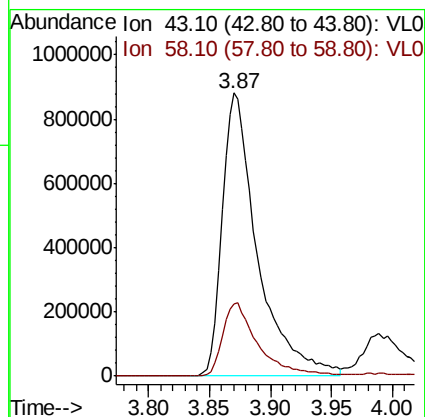
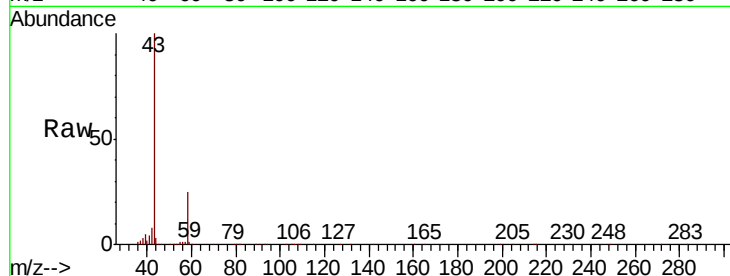
ClientSampleId :

Tot Ion: 43 Resp: 1781286

Ion Ratio Lower Upper

43 100

58 26.1 20.3 30.5



#16

1,3-Butadiene

Concen: 9.467 ppbv

RT: 3.34 min Scan# 173

Delta R.T. 0.04 min

Lab File: VL036408.D

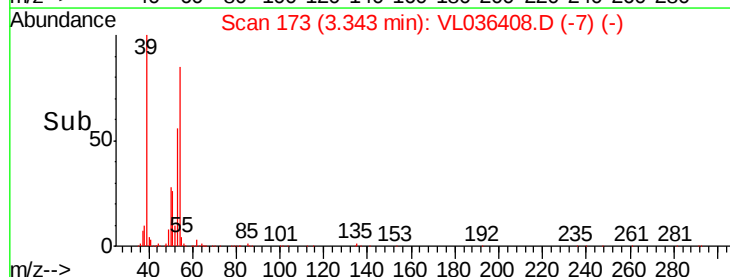
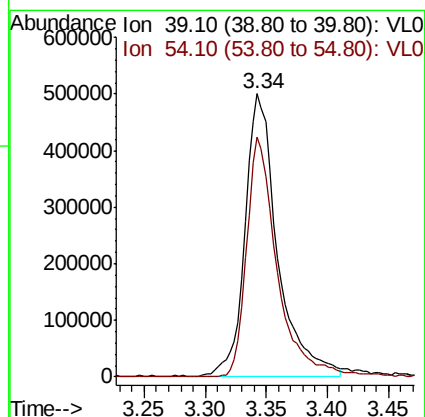
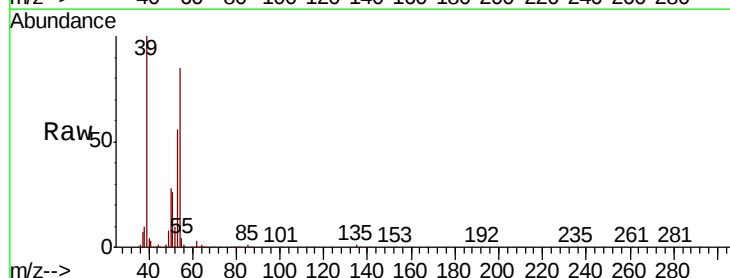
Acq: 1 Mar 2021 9:24

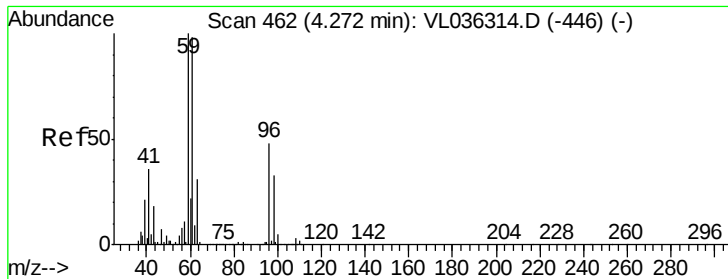
Tgt Ion: 39 Resp: 914465

Ion Ratio Lower Upper

39 100

54 80.8 64.4 96.6



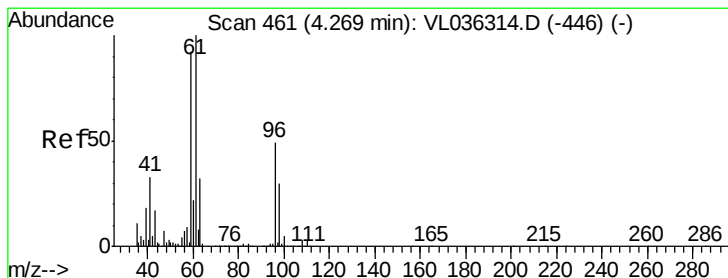
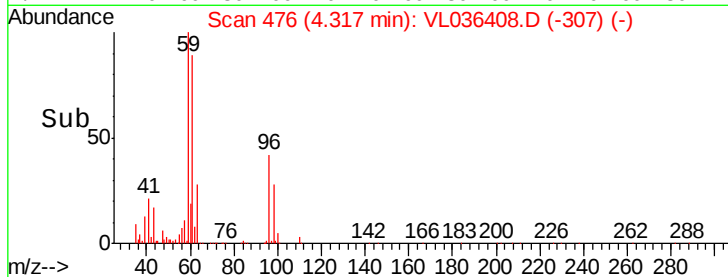
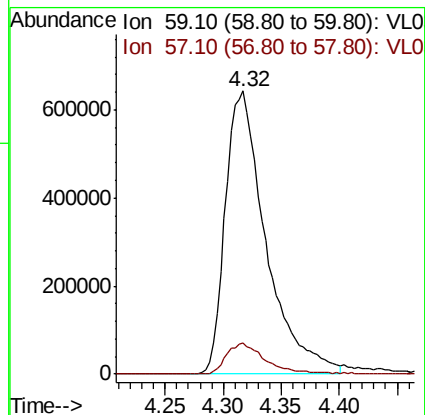
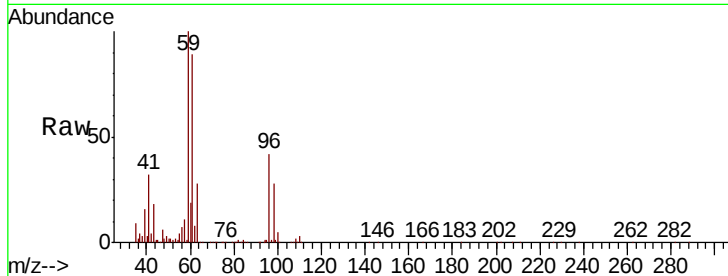


#17

tert-Butyl alcohol
Concen: 9.950 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.04 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

Instrument :
MSVOA_L
ClientSampled :

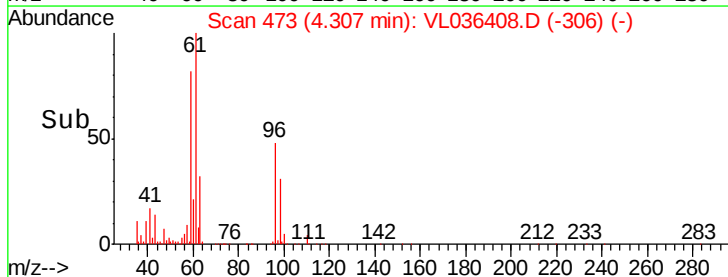
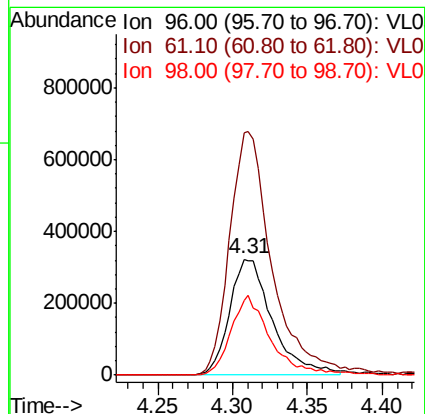
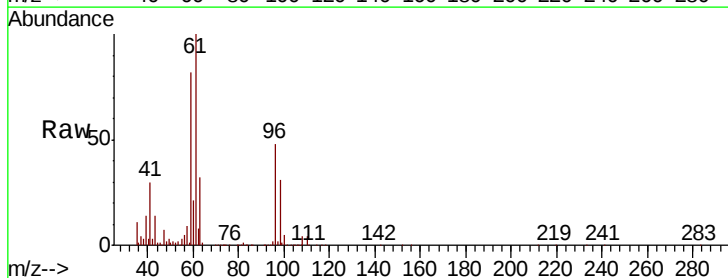
Tot Ion: 59 Resp: 1560217
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4

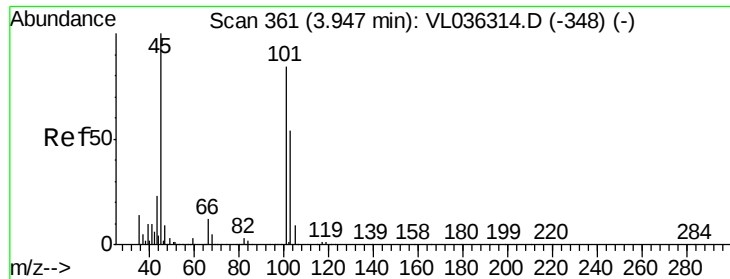


#18

1,1-Dichloroethene
Concen: 9.386 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.04 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

Tgt Ion: 96 Resp: 638095
Ion Ratio Lower Upper
96 100
61 209.2 162.5 243.7
98 64.6 48.5 72.7





#19

Isopropyl Alcohol

Concen: 9.405 ppbv

RT: 3.99 min Scan# 374

Delta R.T. 0.04 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

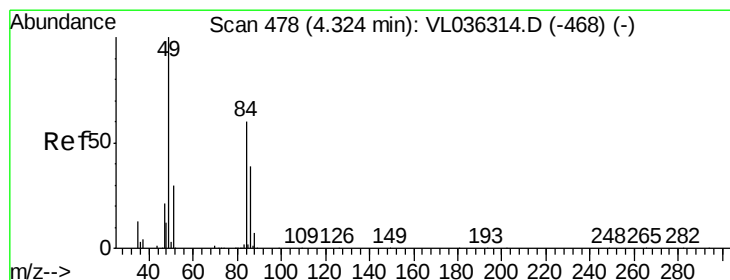
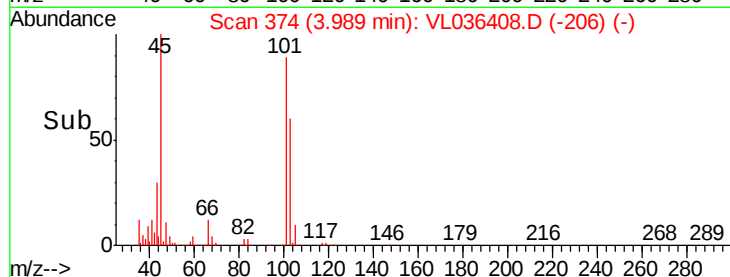
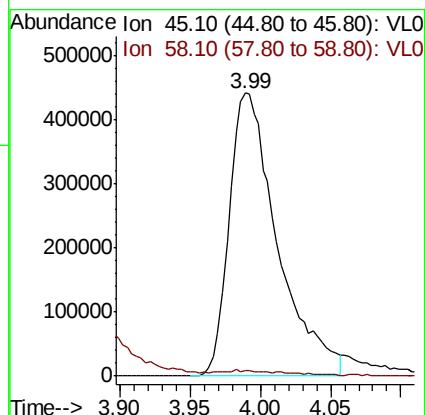
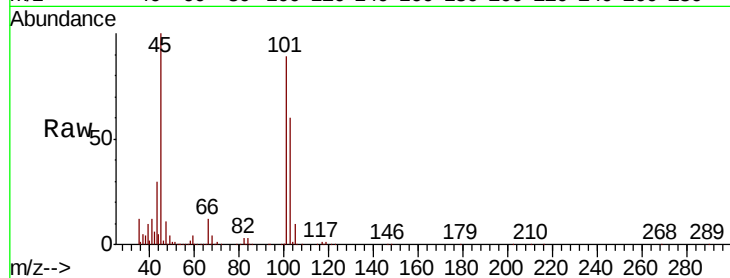
ClientSampled :

Tot Ion: 45 Resp: 1052490

Ion Ratio Lower Upper

45 100

58 2.4 1.9 2.9



#20

Methylene Chloride

Concen: 8.255 ppbv

RT: 4.37 min Scan# 491

Delta R.T. 0.04 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Tgt Ion: 84 Resp: 538004

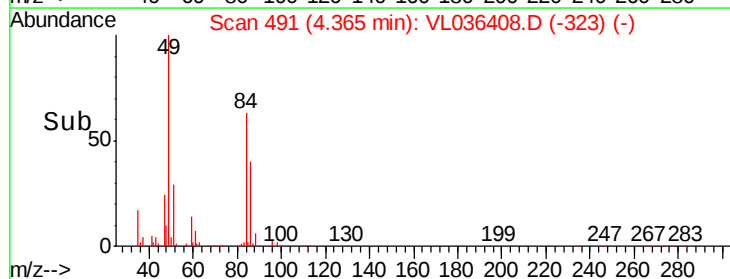
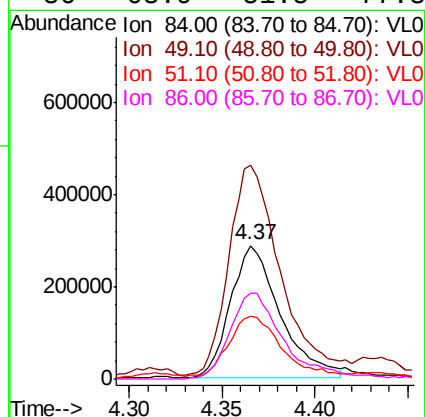
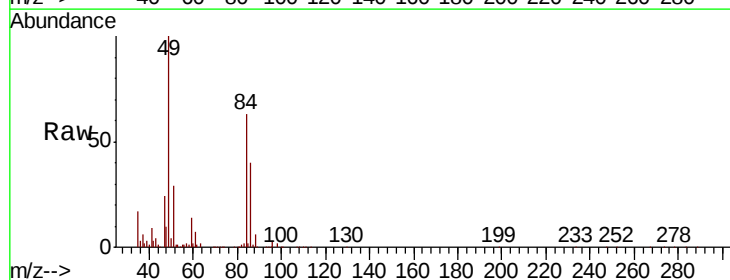
Ion Ratio Lower Upper

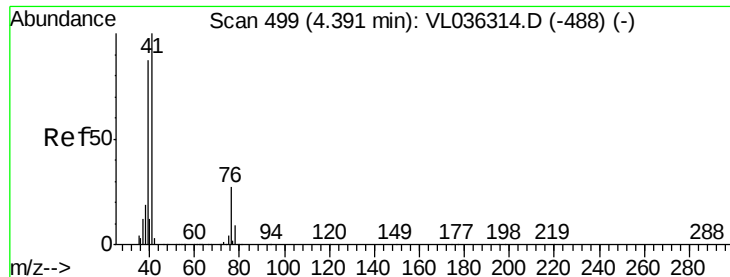
84 100

49 156.8 133.8 200.8

51 44.6 41.4 62.0

86 63.9 51.5 77.3

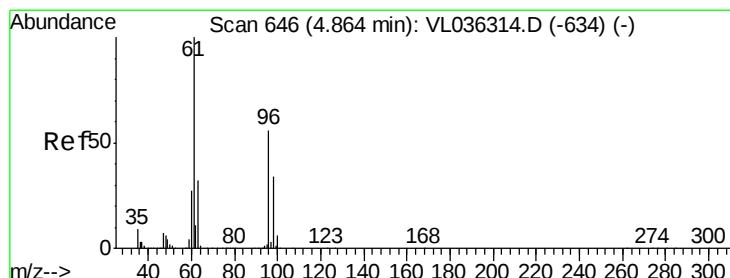
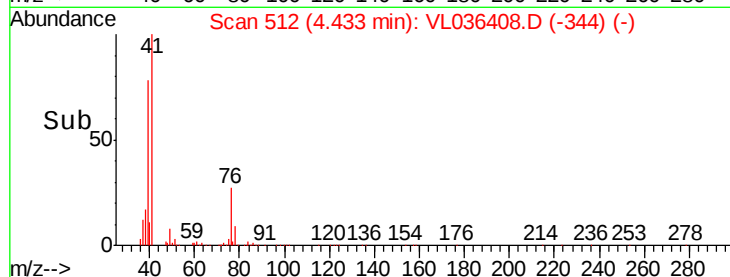
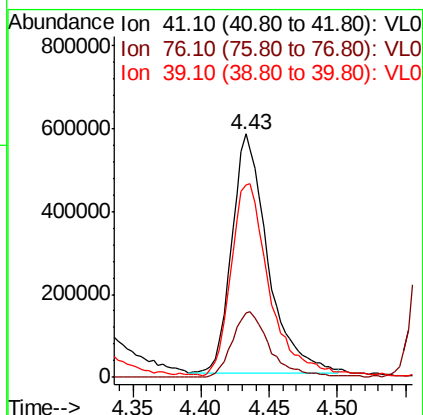
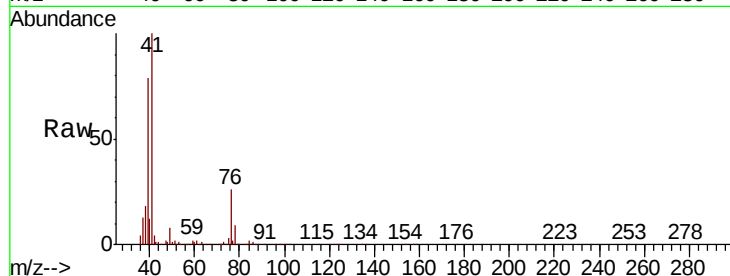




#21
Allvl Chloride
Concen: 9.385 ppbv
RT: 4.43 min Scan# 512
Delta R.T. 0.04 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

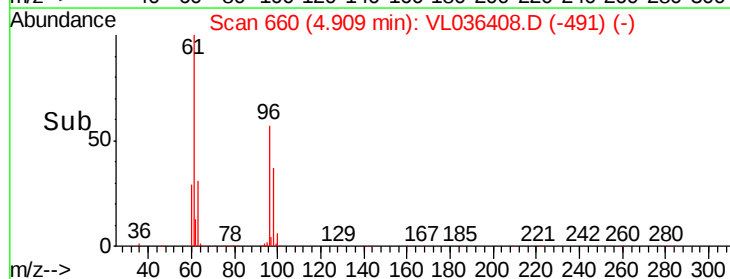
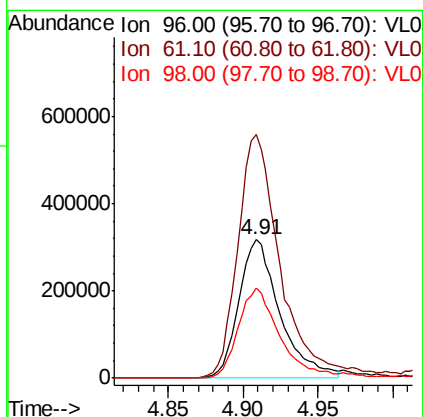
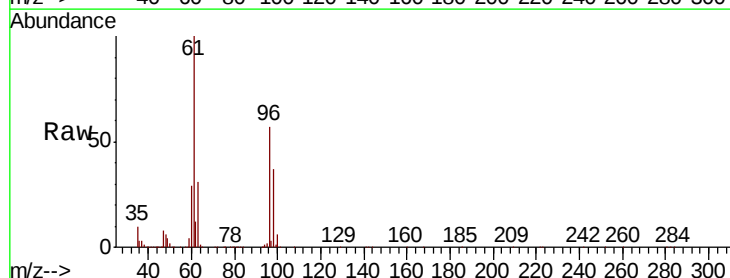
Instrument :
MSVOA_L
ClientSampleId :

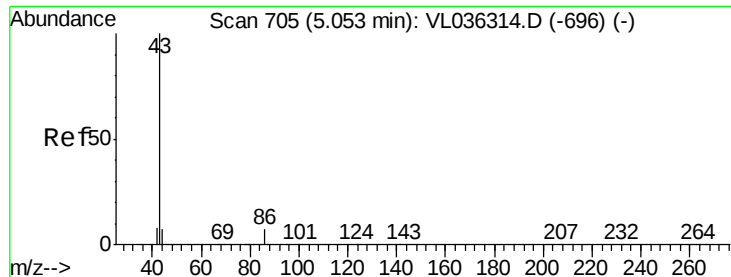
Tot Ion: 41 Resp: 1055463
Ion Ratio Lower Upper
41 100
76 29.1 22.0 33.0
39 86.9 70.2 105.2



#22
trans-1,2-Dichloroethene
Concen: 9.835 ppbv
RT: 4.91 min Scan# 660
Delta R.T. 0.04 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

Tgt Ion: 96 Resp: 607384
Ion Ratio Lower Upper
96 100
61 175.9 143.7 215.5
98 64.9 48.5 72.7





#23

Vinyl Acetate

Concen: 10.241 ppbv

RT: 5.10 min Scan# 719

Delta R.T. 0.04 min

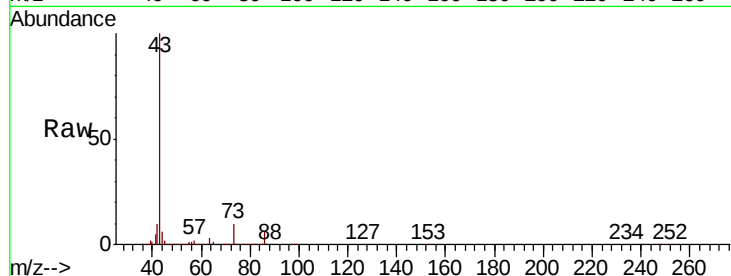
Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2432255

Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.8	7.2
42	9.7	7.4	11.0
44	5.3	4.8	7.2

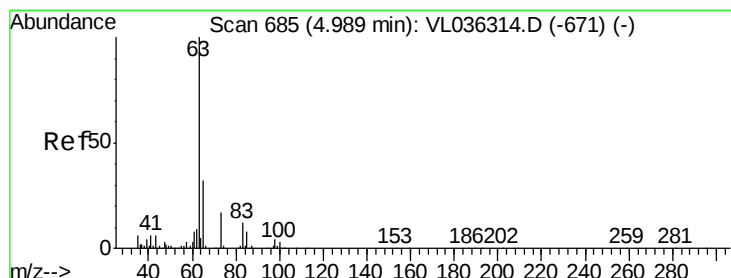
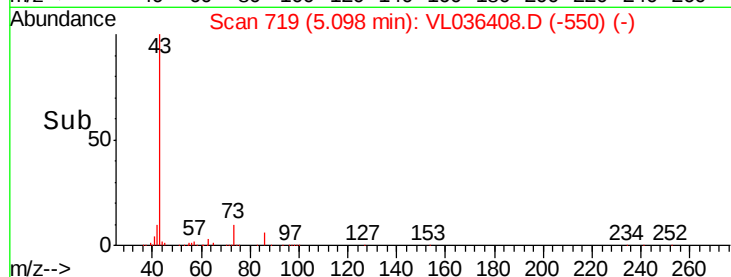
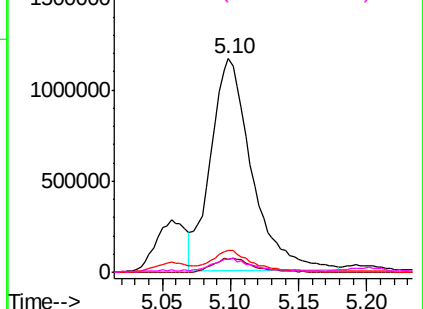


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 10.026 ppbv

RT: 5.03 min Scan# 699

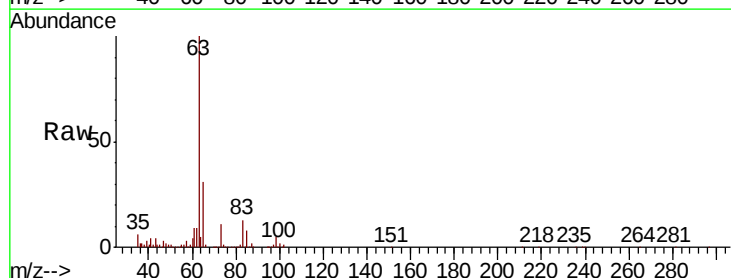
Delta R.T. 0.04 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Tgt Ion: 63 Resp: 1761040

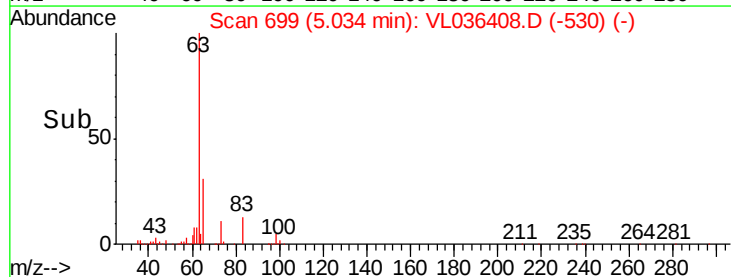
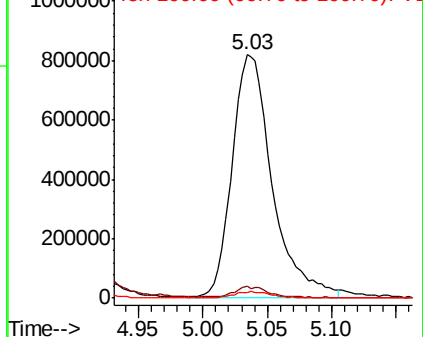
Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.0	6.0
100	2.2	1.5	4.4

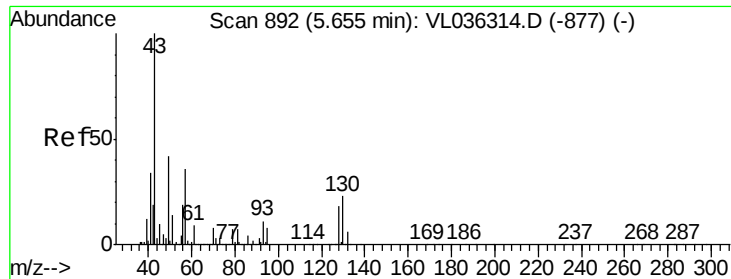


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



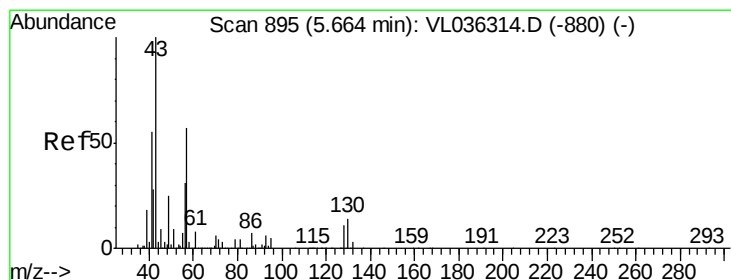
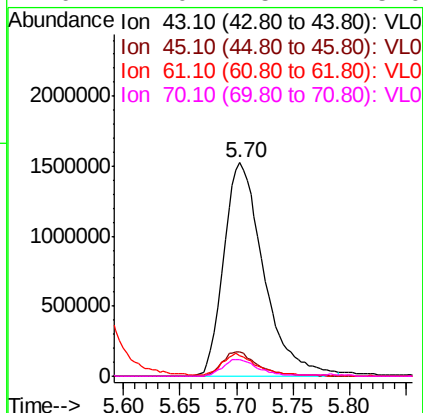
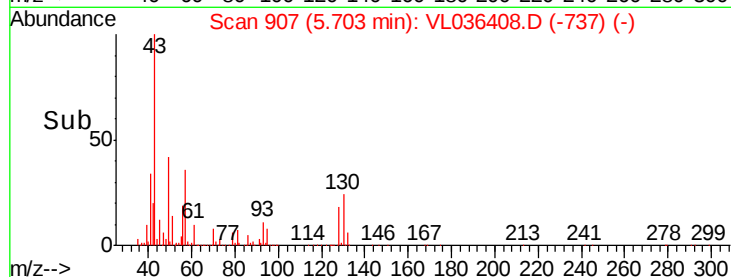
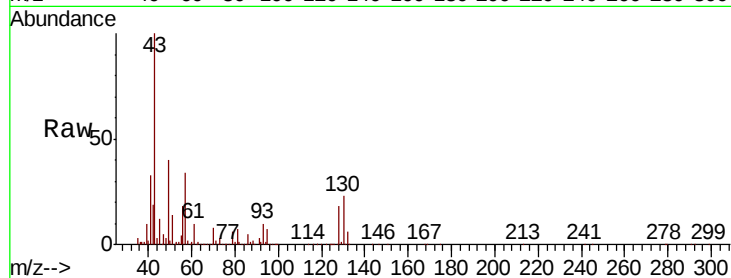


#25
Ethyl Acetate
Concen: 9.566 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.05 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3730351

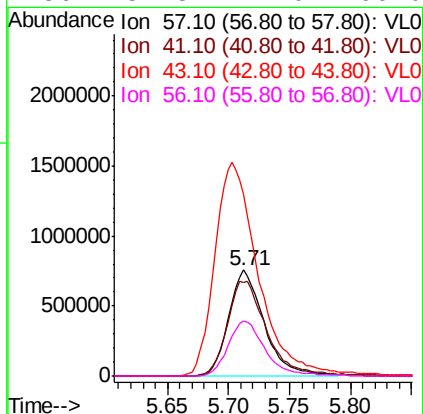
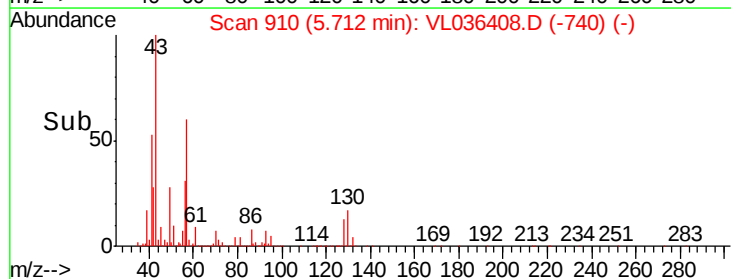
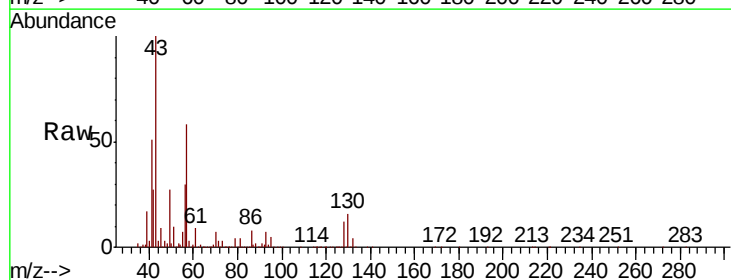
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.3	12.5
61	9.2	7.3	10.9
70	7.0	5.4	8.0

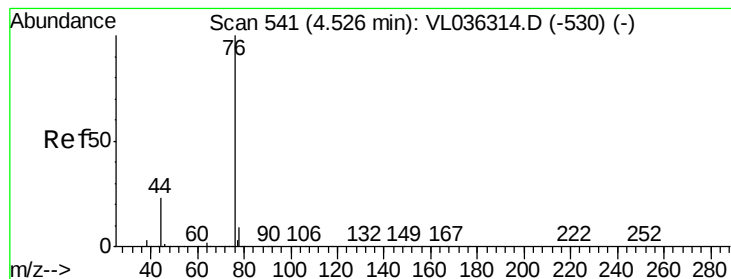


#26
Hexane
Concen: 9.577 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.05 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

Tgt Ion: 57 Resp: 1534430

Ion	Ratio	Lower	Upper
57	100		
41	99.6	81.7	122.5
43	248.1	199.1	298.7
56	54.8	44.0	66.0





#27

Carbon Disulfide

Concen: 11.037 ppbv

RT: 4.57 min Scan# 556

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

ClientSampleId :

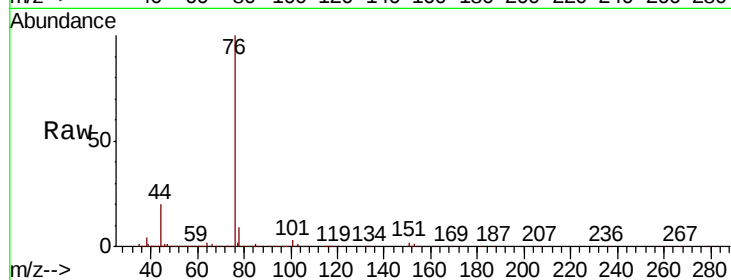
Tot Ion: 76 Resp: 1625355

Ion Ratio Lower Upper

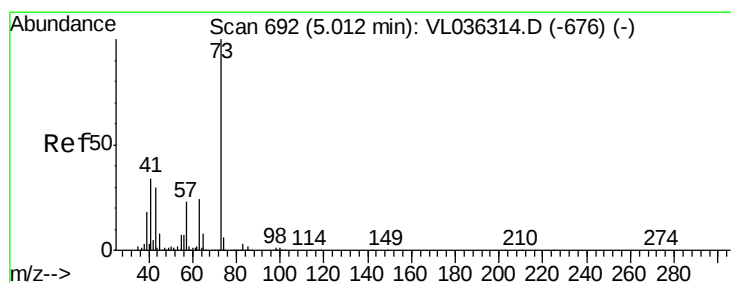
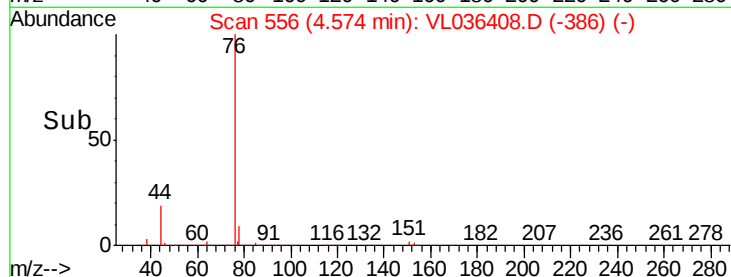
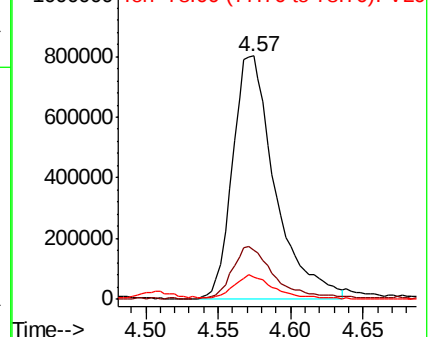
76 100

44 21.5 18.4 27.6

78 10.4 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: 10.354 ppbv

RT: 5.06 min Scan# 706

Delta R.T. 0.04 min

Lab File: VL036408.D

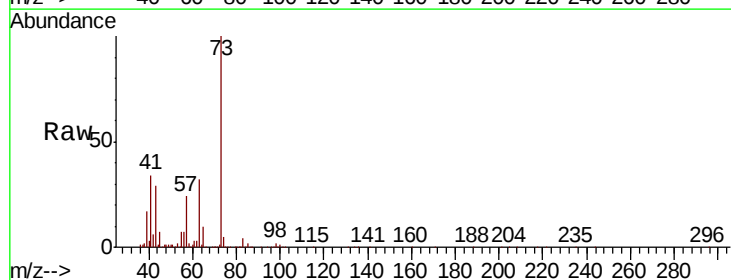
Acq: 1 Mar 2021 9:24

Tgt Ion: 73 Resp: 2167257

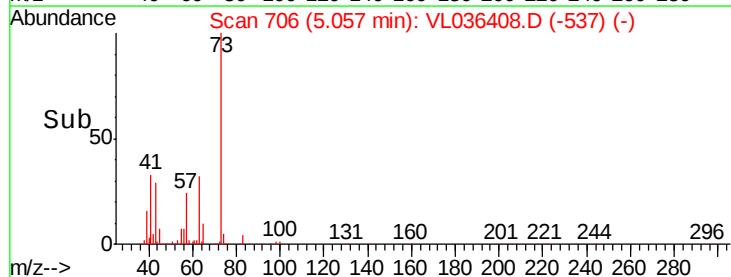
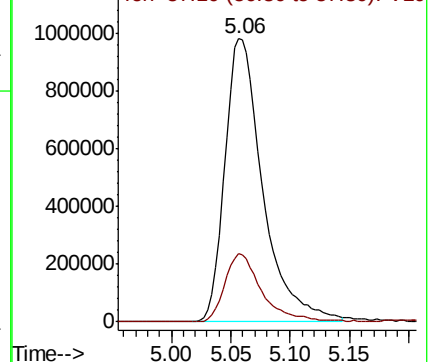
Ion Ratio Lower Upper

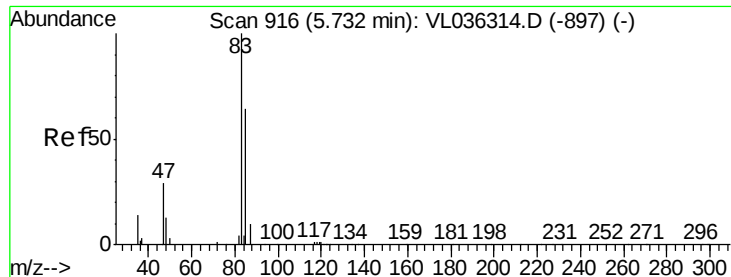
73 100

57 23.6 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: 9.459 ppbv

RT: 5.78 min Scan# 932

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

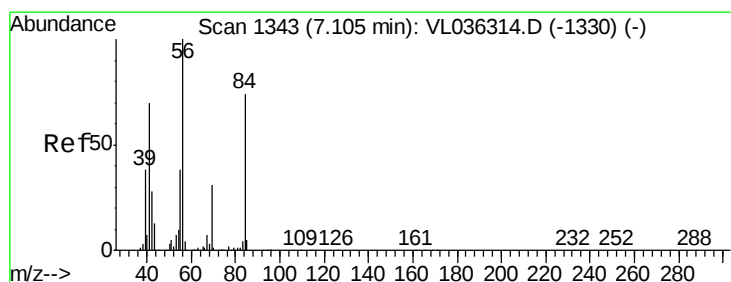
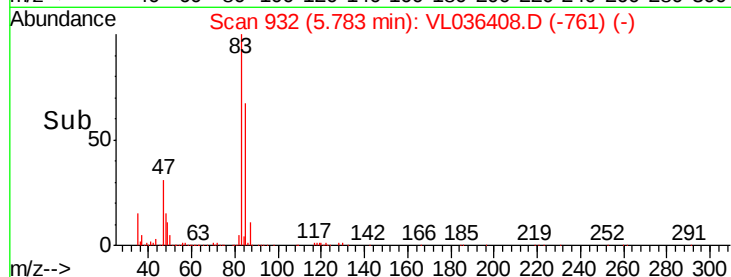
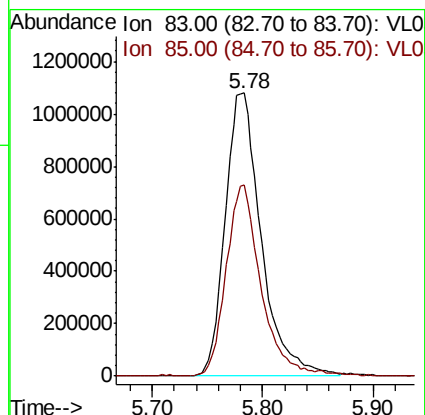
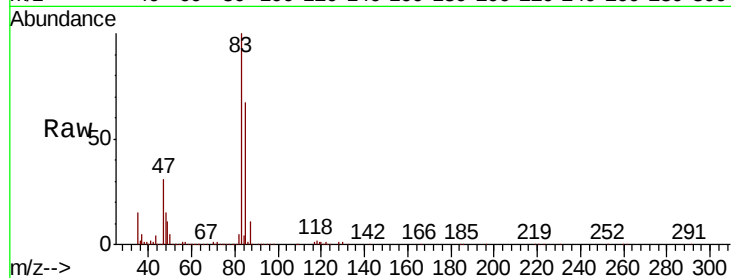
ClientSampleId :

Tot Ion: 83 Resp: 2441590

Ion Ratio Lower Upper

83 100

85 67.3 51.4 77.2



#30

Cyclohexane

Concen: 9.541 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

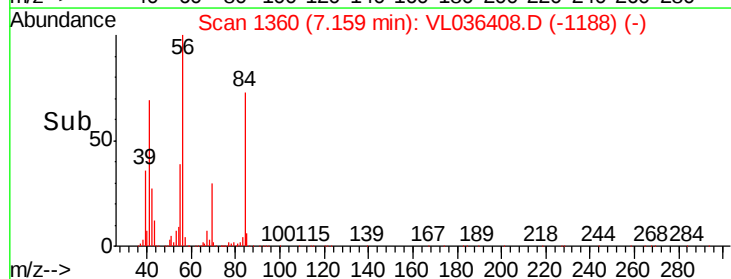
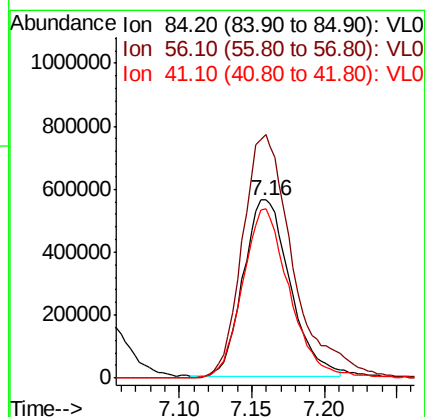
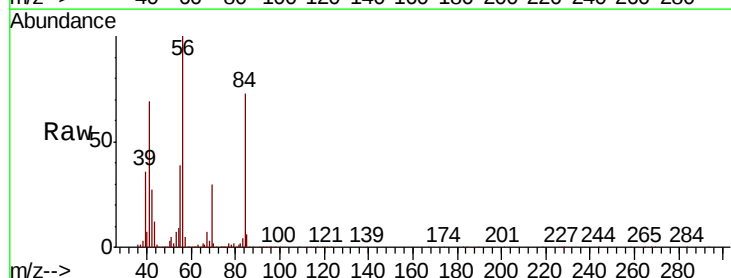
Tgt Ion: 84 Resp: 1271364

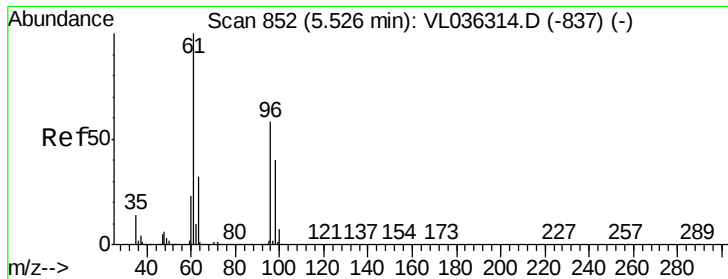
Ion Ratio Lower Upper

84 100

56 149.3 120.2 180.4

41 95.2 79.7 119.5

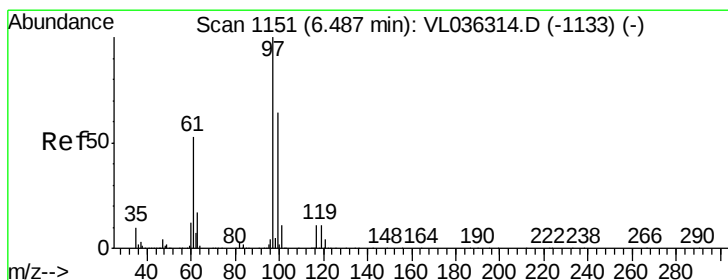
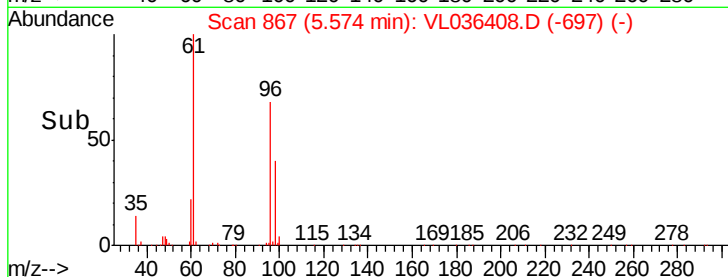
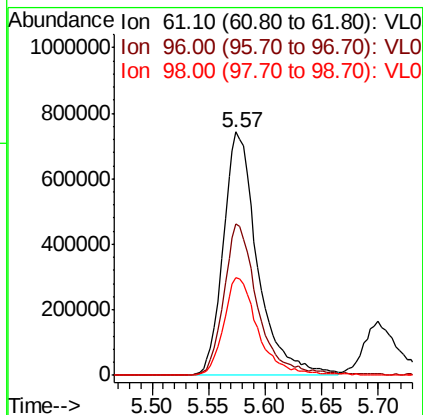
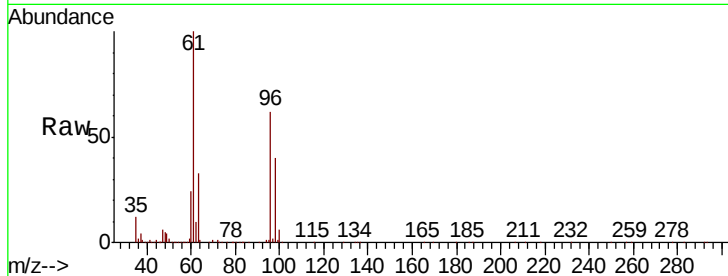




#31
 cis-1,2-Dichloroethene
 Concen: 9.862 ppbv
 RT: 5.57 min Scan# 867
 Delta R.T. 0.05 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

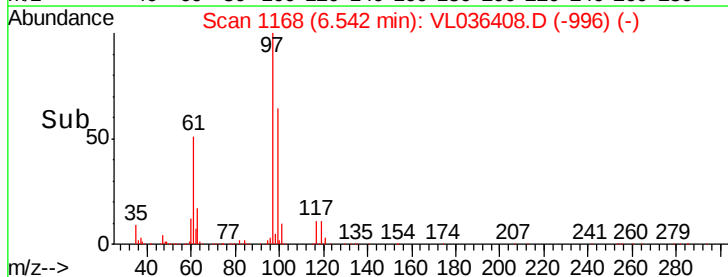
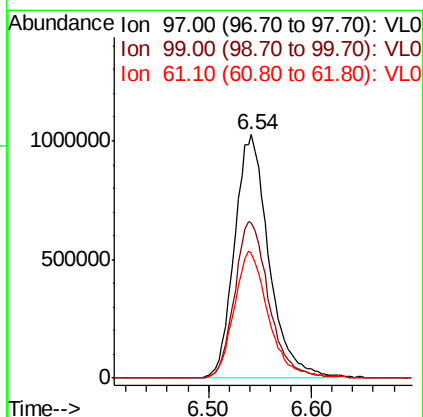
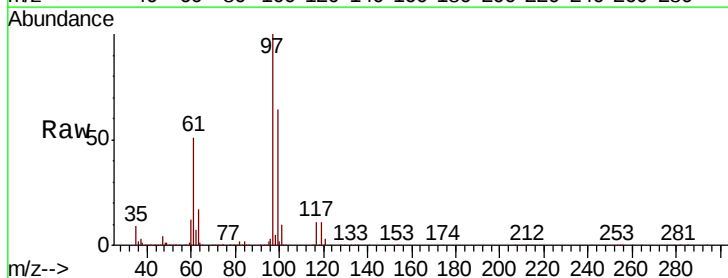
Instrument :
 MSVOA_L
 ClientSampleId :

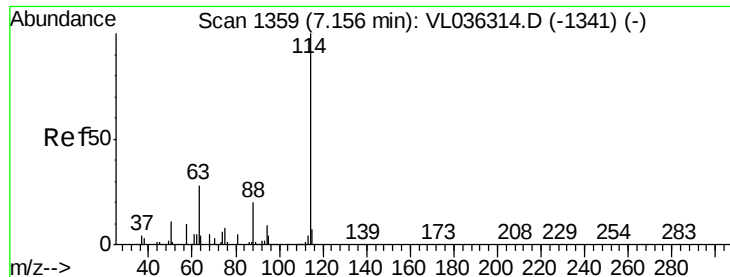
Tot Ion: 61 Resp: 1563606
 Ion Ratio Lower Upper
 61 100
 96 62.0 46.0 69.0
 98 39.9 31.9 47.9



#32
 1,1,1-Trichloroethane
 Concen: 9.872 ppbv
 RT: 6.54 min Scan# 1168
 Delta R.T. 0.05 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Tgt Ion: 97 Resp: 2382392
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.2 78.4
 61 52.1 43.3 64.9

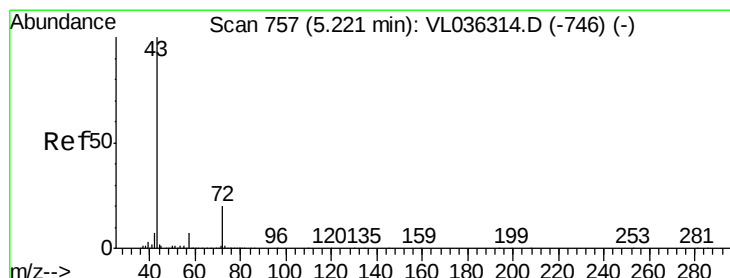
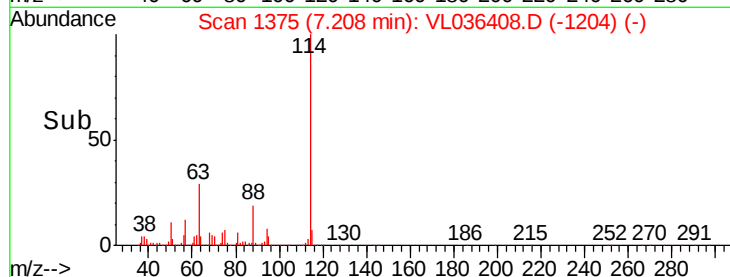
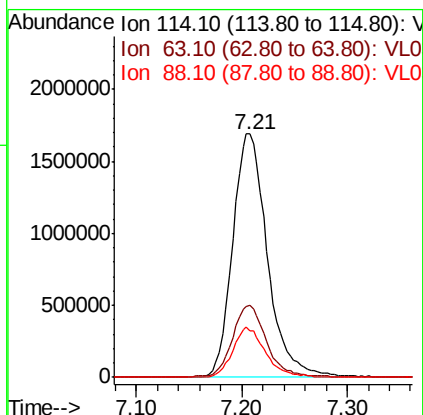
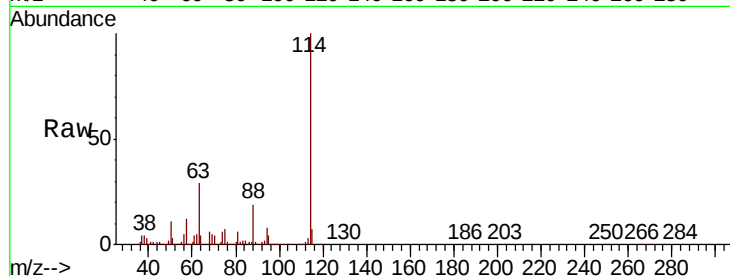




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1375
 Delta R.T. 0.05 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

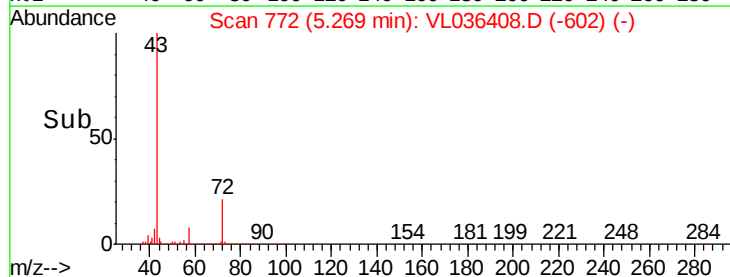
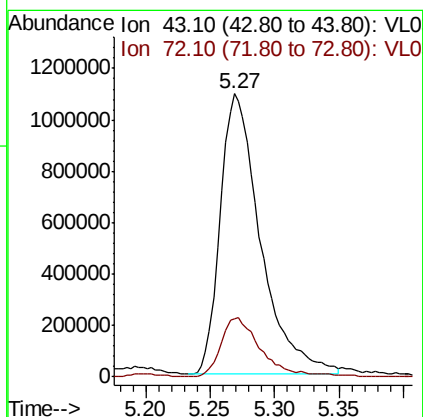
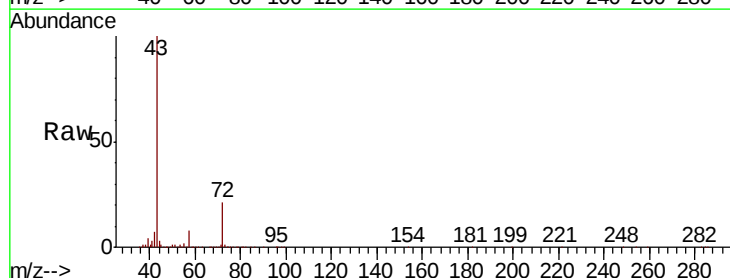
Instrument :
 MSVOA_L
 ClientSampleId :

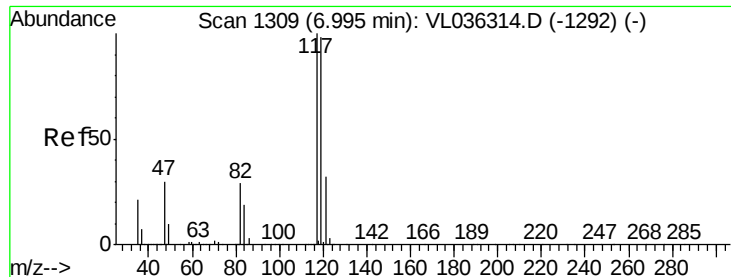
Tot Ion:114 Resp: 3856673
 Ion Ratio Lower Upper
 114 100
 63 29.5 24.1 36.1
 88 19.6 16.0 24.0



#34
 2-Butanone
 Concen: 9.238 ppbv
 RT: 5.27 min Scan# 772
 Delta R.T. 0.05 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Tgt Ion: 43 Resp: 2367260
 Ion Ratio Lower Upper
 43 100
 72 21.2 16.7 25.1





#35

Carbon Tetrachloride

Concen: 9.339 ppbv

RT: 7.05 min Scan# 1326

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

ClientSampled :

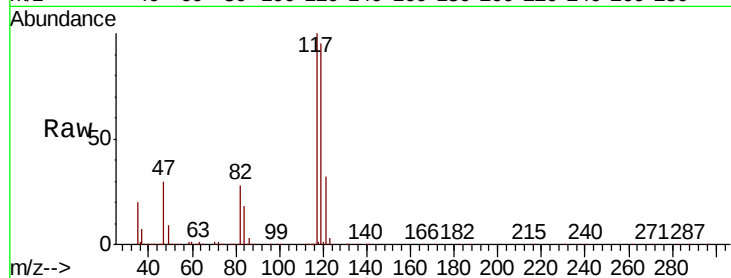
Tot Ion:117 Resp: 2413932

Ion Ratio Lower Upper

117 100

119 94.8 78.1 117.1

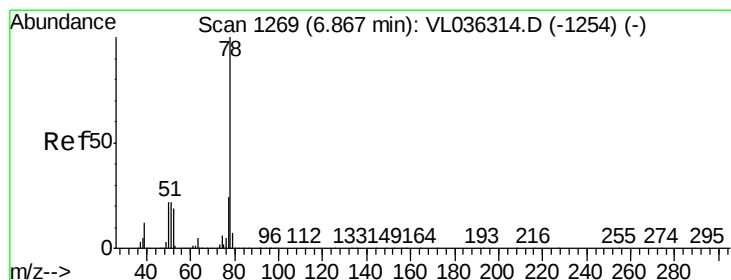
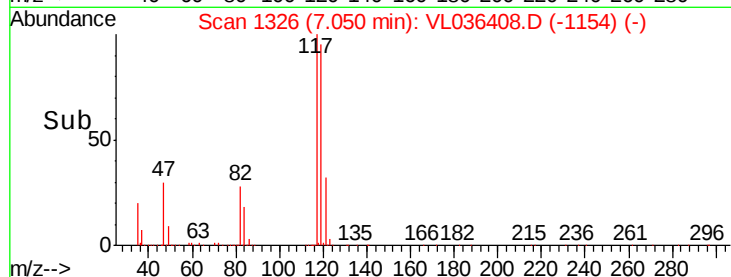
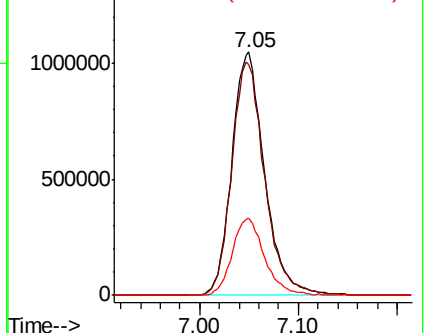
121 31.7 25.8 38.8



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: 9.756 ppbv

RT: 6.92 min Scan# 1286

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

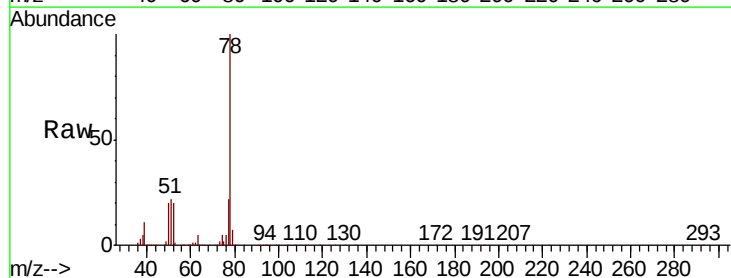
Tgt Ion: 78 Resp: 3196120

Ion Ratio Lower Upper

78 100

77 22.0 18.9 28.3

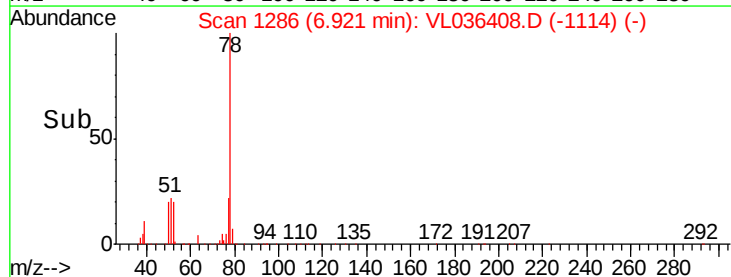
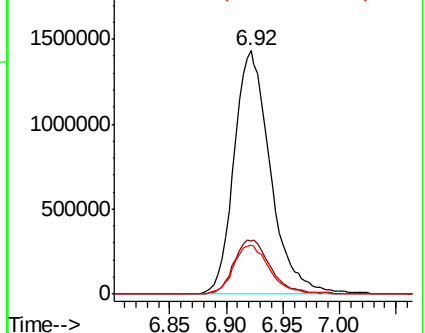
50 20.1 17.3 25.9

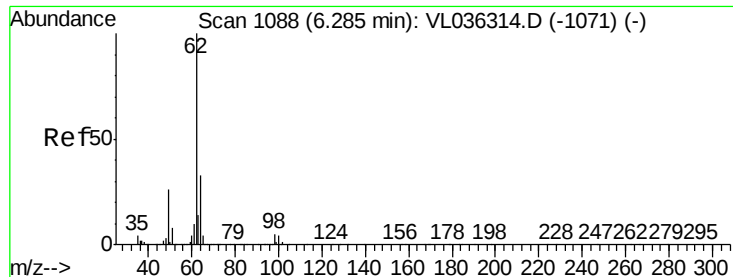


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

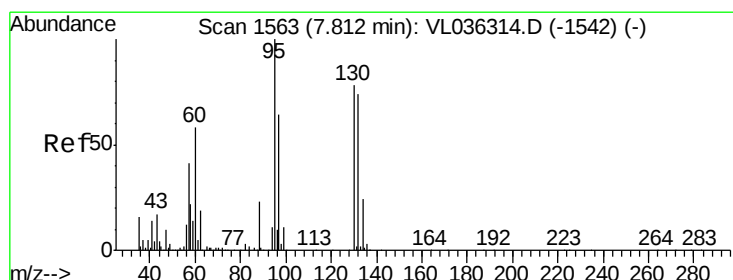
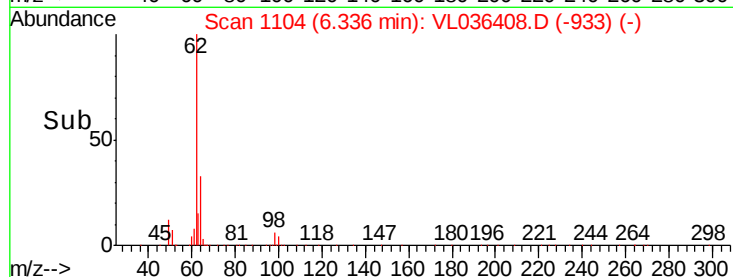
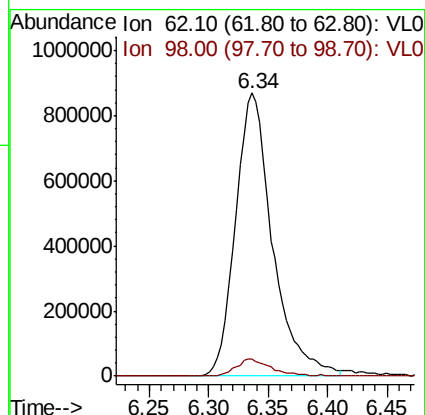
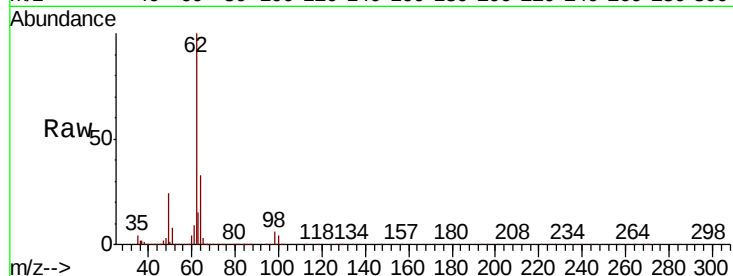




#37
 1,2-Dichloroethane
 Concen: 9.252 ppbv
 RT: 6.34 min Scan# 1104
 Delta R.T. 0.05 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

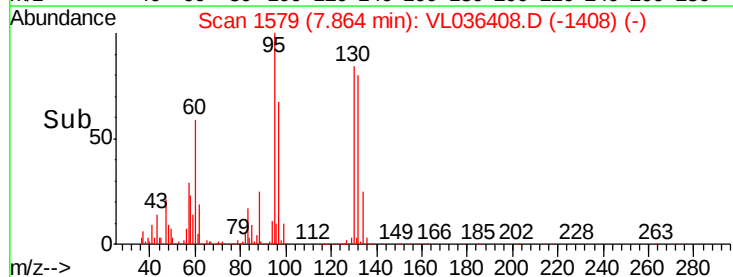
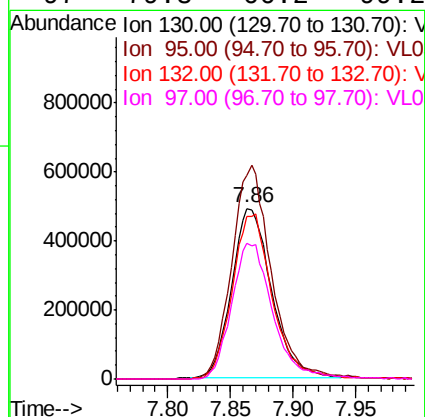
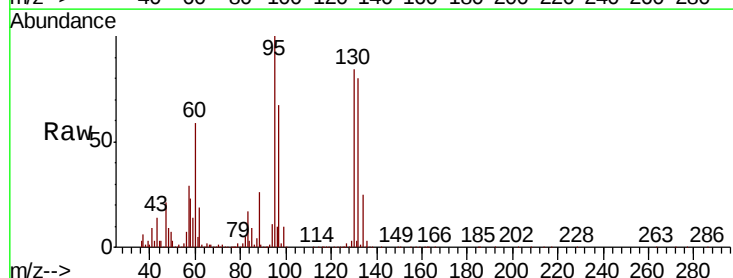
Instrument :
 MSVOA_L
 ClientSampleId :

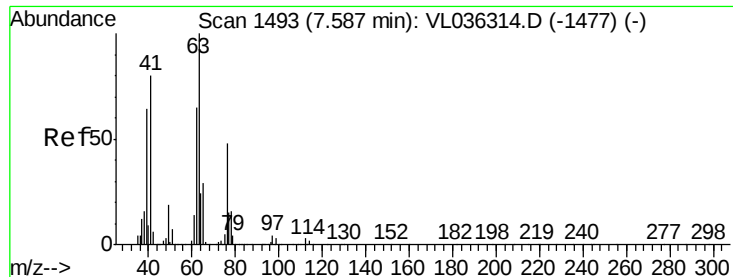
Tot Ion: 62 Resp: 1873947
 Ion Ratio Lower Upper
 62 100
 98 5.9 4.5 6.7



#38
 Trichloroethene
 Concen: 9.271 ppbv
 RT: 7.86 min Scan# 1579
 Delta R.T. 0.05 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Tgt Ion:130 Resp: 1088045
 Ion Ratio Lower Upper
 130 100
 95 119.5 102.8 154.2
 132 95.7 75.7 113.5
 97 79.8 66.2 99.2

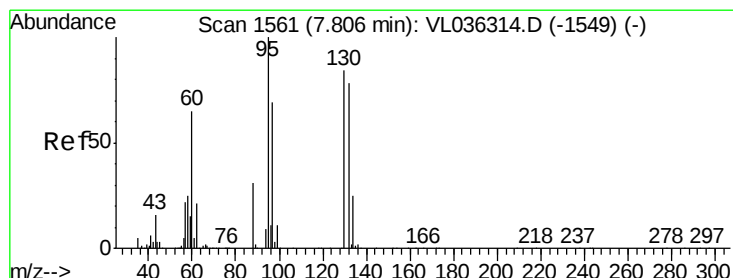
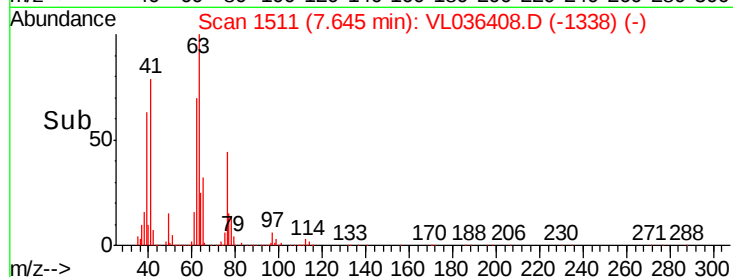
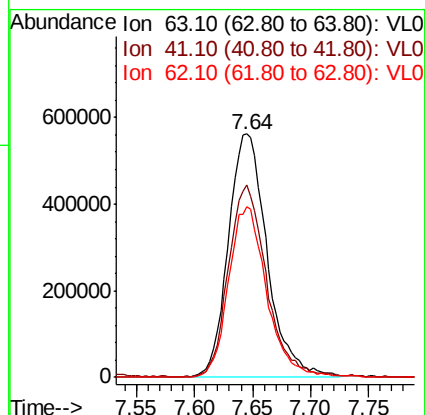
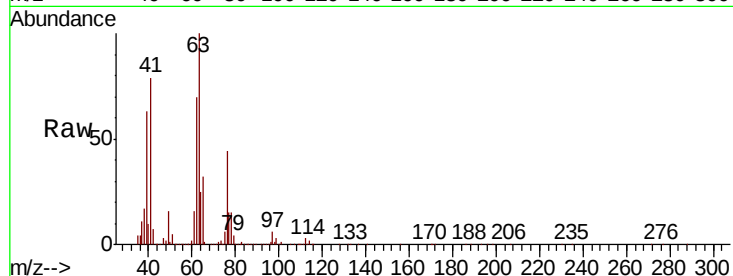




#39
 1,2-Dichloropropane
 Concen: 9.772 ppbv
 RT: 7.64 min Scan# 1511
 Delta R.T. 0.06 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

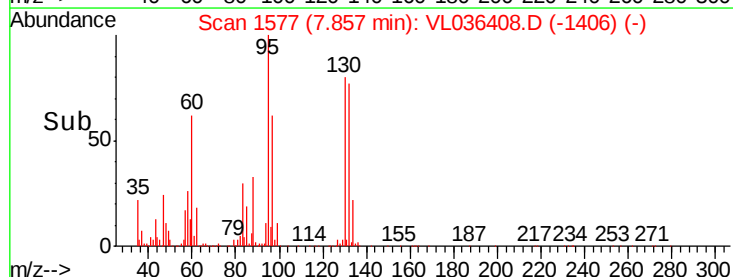
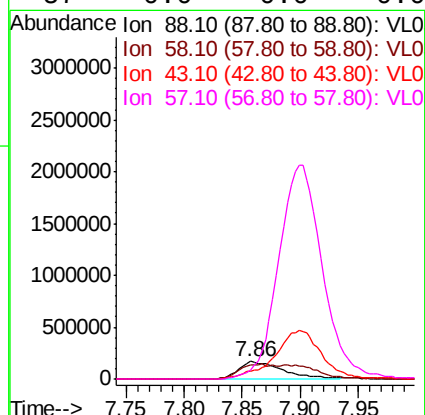
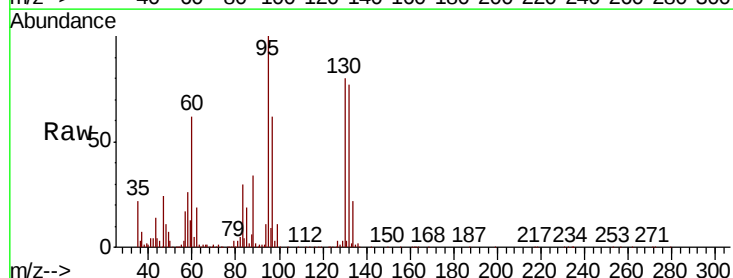
Instrument :
 MSVOA_L
 ClientSampleId :

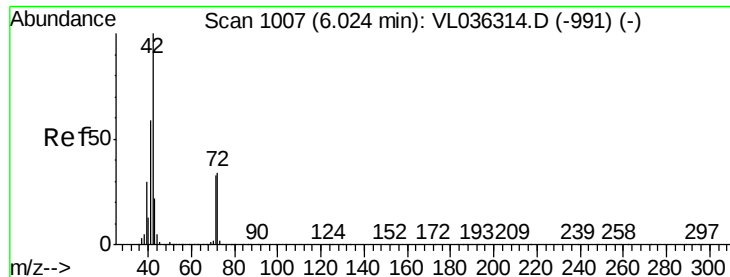
Tot Ion: 63 Resp: 1300480
 Ion Ratio Lower Upper
 63 100
 41 78.7 63.8 95.6
 62 69.6 52.3 78.5



#40
 1,4-Dioxane
 Concen: 9.600 ppbv
 RT: 7.86 min Scan# 1577
 Delta R.T. 0.05 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Tgt Ion: 88 Resp: 442634
 Ion Ratio Lower Upper
 88 100
 58 66.4 45.0 67.4
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.127 ppbv

RT: 6.08 min Scan# 1023

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

ClientSampleId :

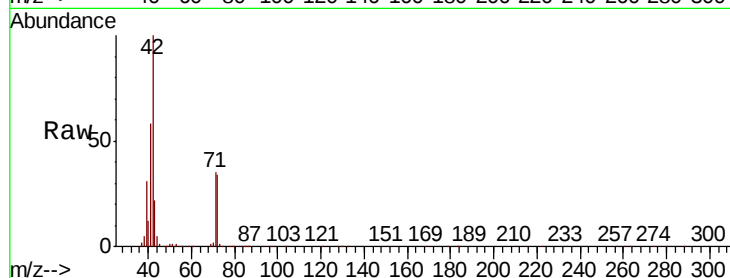
Tot Ion: 42 Resp: 1448153

Ion Ratio Lower Upper

42 100

72 35.4 29.3 43.9

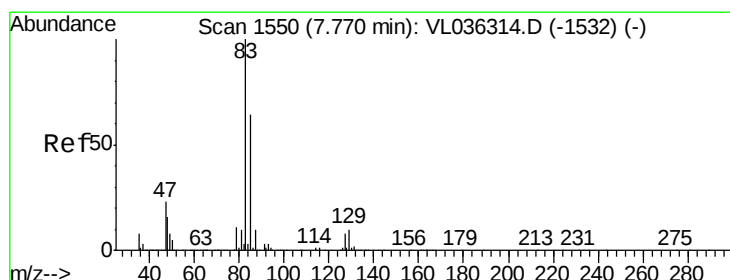
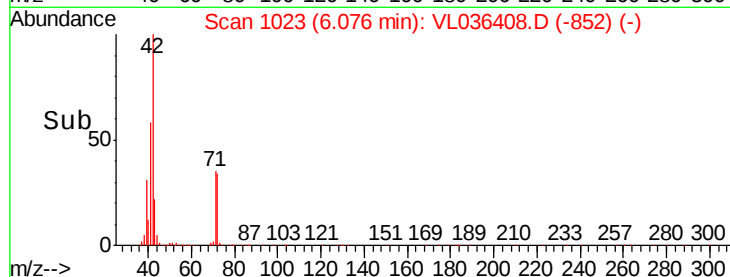
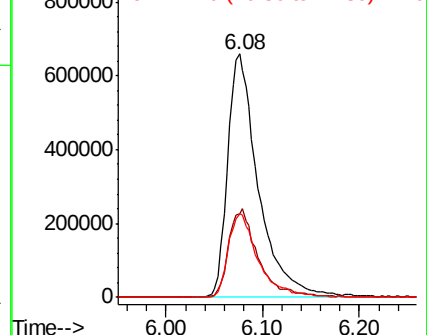
71 34.2 27.8 41.8



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: 9.573 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

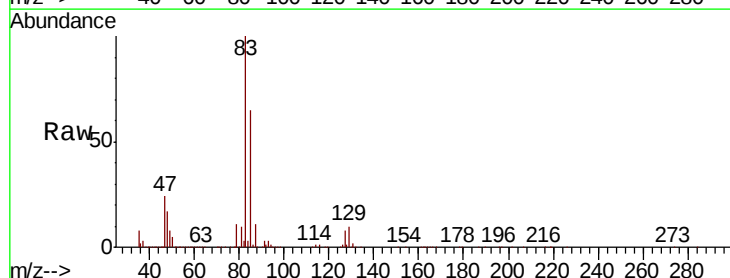
Tgt Ion: 83 Resp: 2597059

Ion Ratio Lower Upper

83 100

85 64.6 51.1 76.7

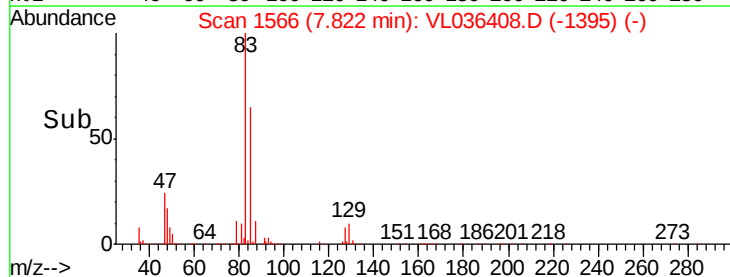
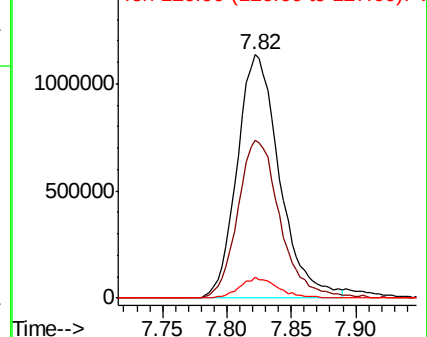
127 8.4 6.3 9.5

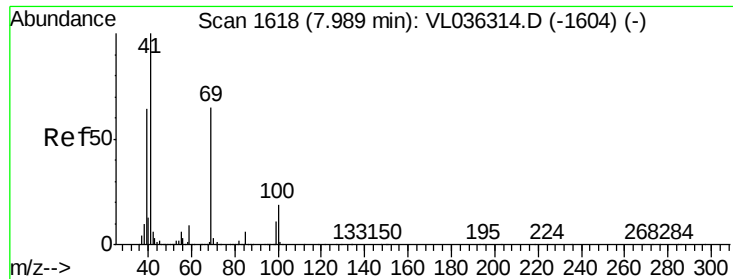


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

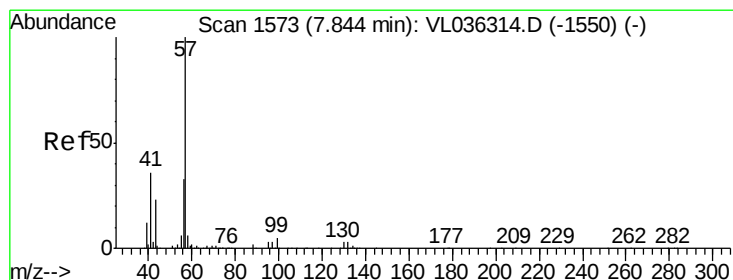
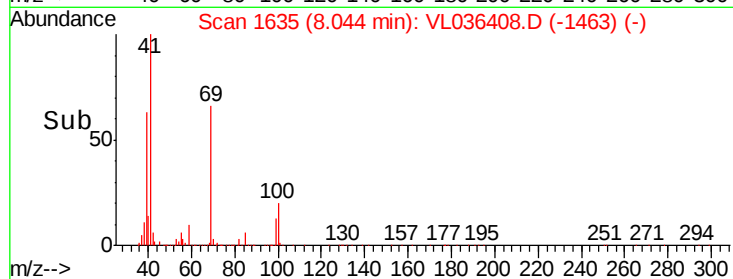
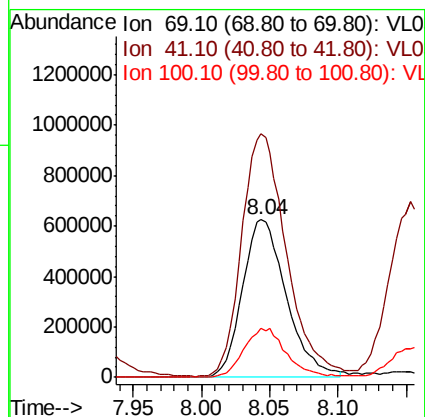
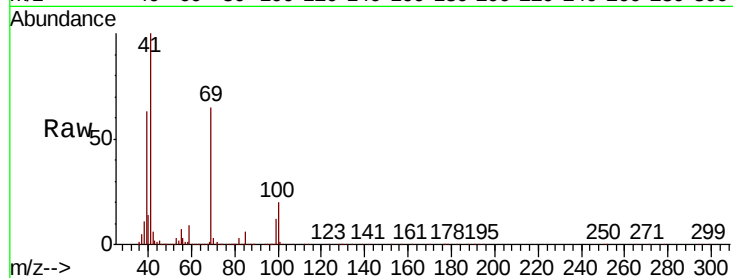




#43
Methvl Methacrvlate
Concen: 10.075 ppbv
RT: 8.04 min Scan# 1635
Delta R.T. 0.05 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

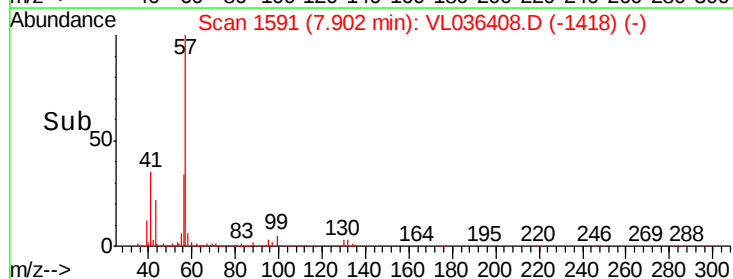
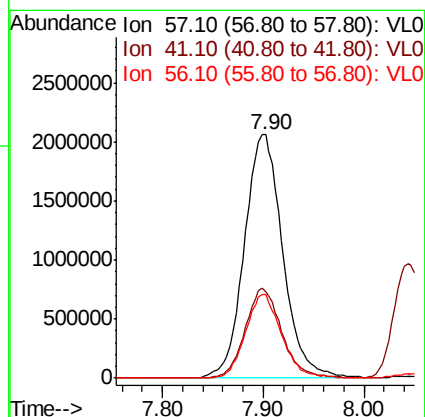
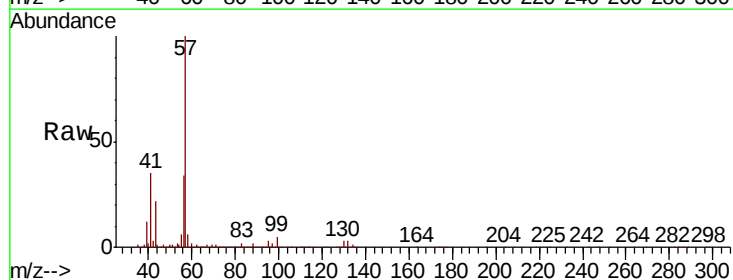
Instrument :
MSVOA_L
ClientSampleId :

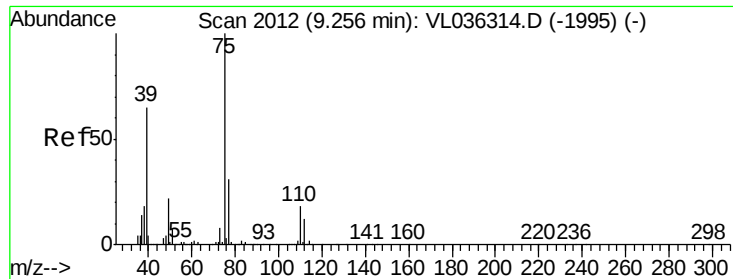
Tot Ion: 69 Resp: 1391959
Ion Ratio Lower Upper
69 100
41 158.3 126.5 189.7
100 30.4 23.1 34.7



#44
2,2,4-Trimethylpentane
Concen: 9.097 ppbv
RT: 7.90 min Scan# 1591
Delta R.T. 0.06 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

Tgt Ion: 57 Resp: 5419152
Ion Ratio Lower Upper
57 100
41 35.1 28.8 43.2
56 32.5 25.8 38.6

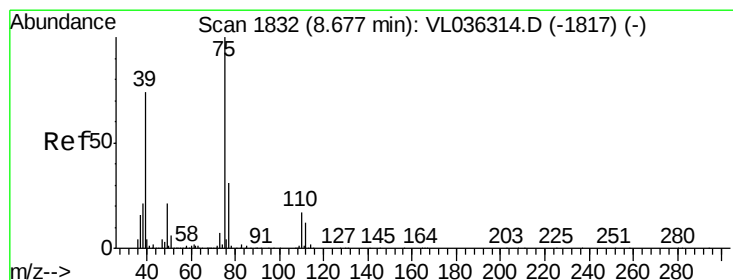
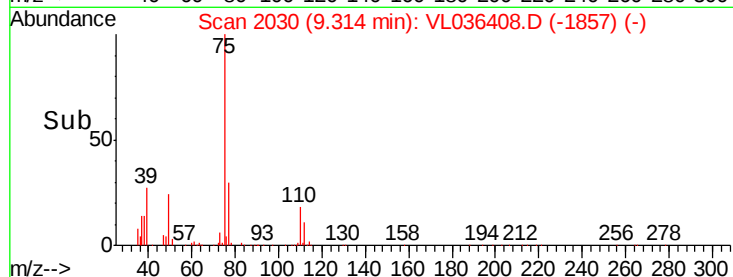
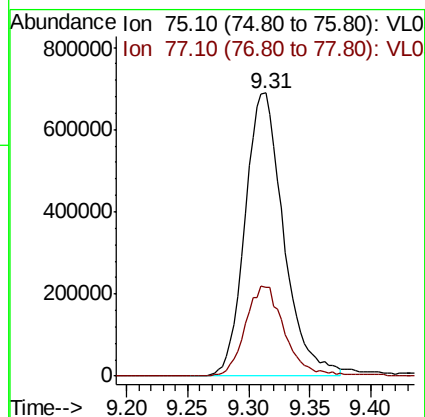
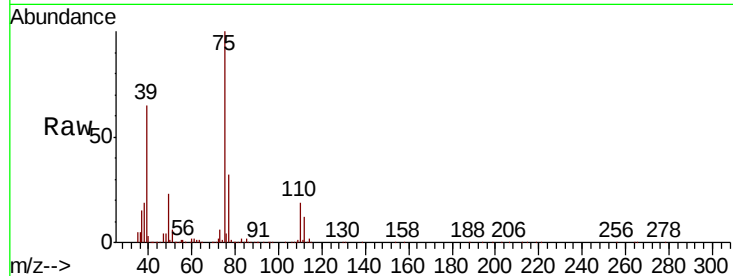




#45
 t-1,3-Dichloropropene
 Concen: 11.252 ppbv
 RT: 9.31 min Scan# 2030
 Delta R.T. 0.06 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

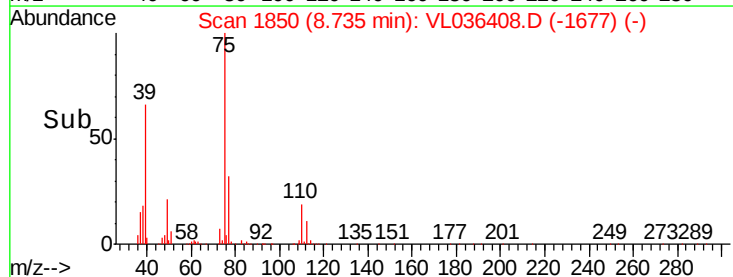
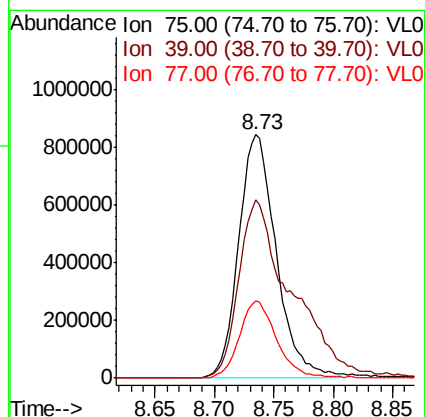
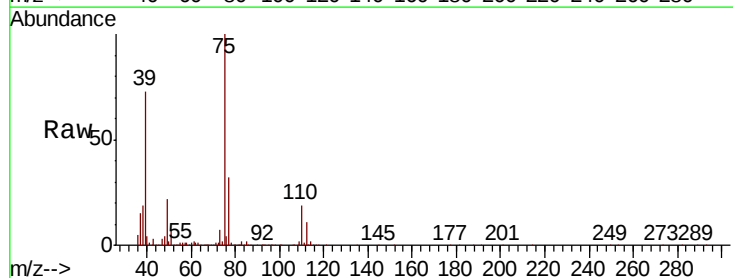
Instrument :
 MSVOA_L
 ClientSampleId :

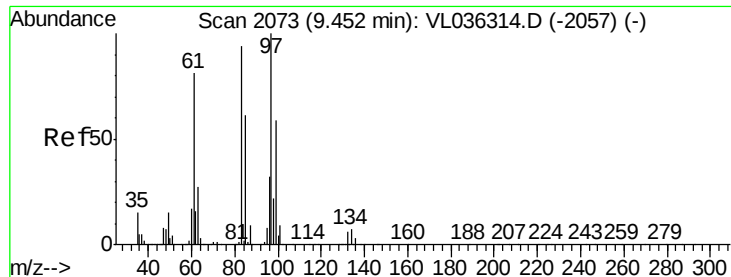
Tot Ion: 75 Resp: 1499632
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0



#46
 cis-1,3-Dichloropropene
 Concen: 10.905 ppbv
 RT: 8.73 min Scan# 1850
 Delta R.T. 0.06 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Tgt Ion: 75 Resp: 1846281
 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: 9.227 ppbv

RT: 9.51 min Scan# 2090

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 97 Resp: 1256652

Ion	Ratio	Lower	Upper
97	100		
83	89.2	75.4	113.0
85	58.6	48.9	73.3
99	60.7	46.9	70.3

97 100

83 89.2 75.4 113.0

85 58.6 48.9 73.3

99 60.7 46.9 70.3

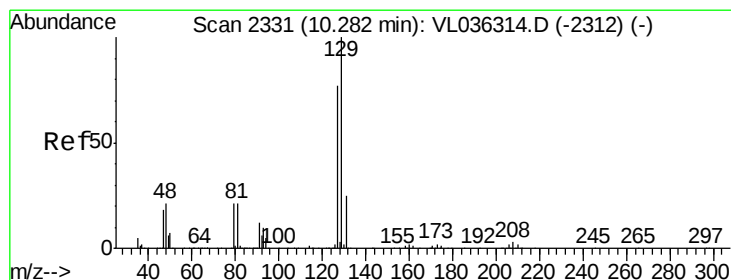
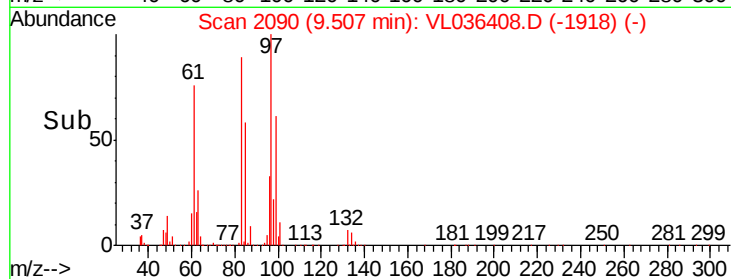
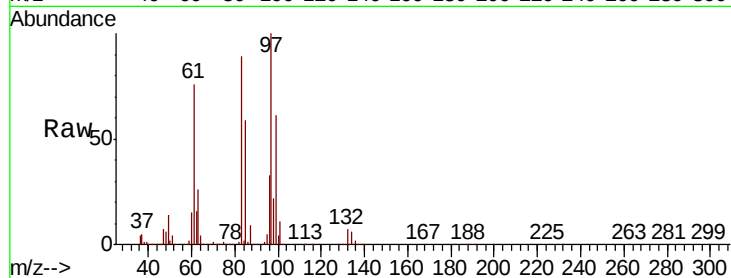
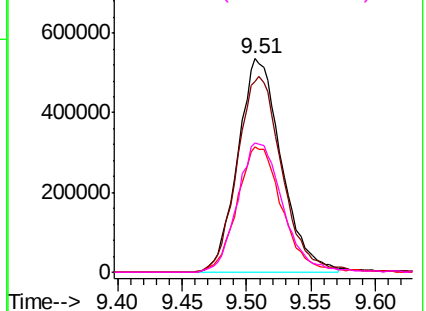
Abundance

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: 10.266 ppbv

RT: 10.34 min Scan# 2349

Delta R.T. 0.06 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Tgt Ion: 129 Resp: 2086412

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.1	117.2

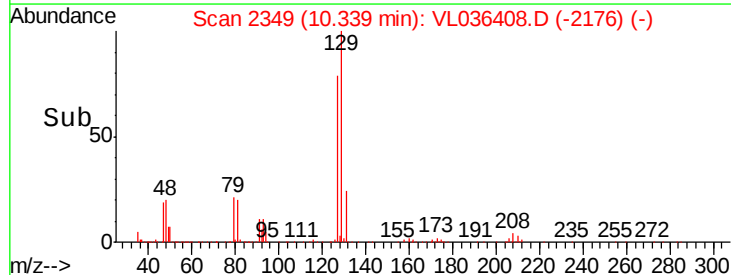
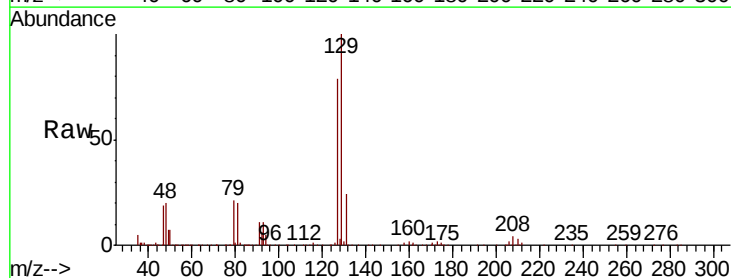
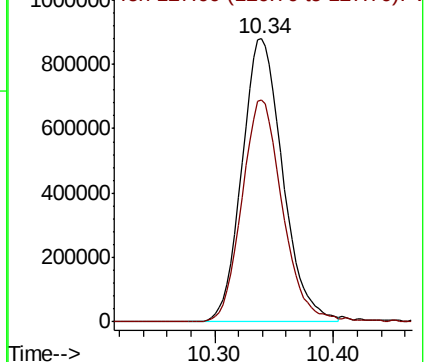
129 100

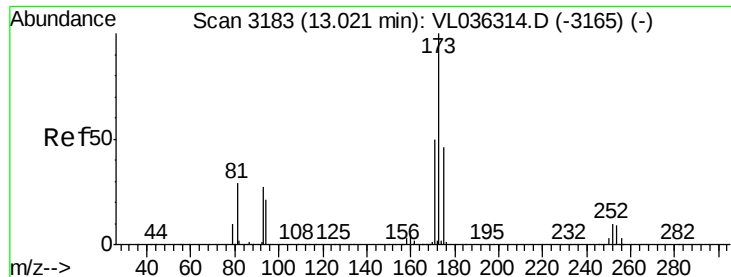
127 78.7 39.1 117.2

Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.675 ppbv

RT: 13.08 min Scan# 3200

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

ClientSampleId :

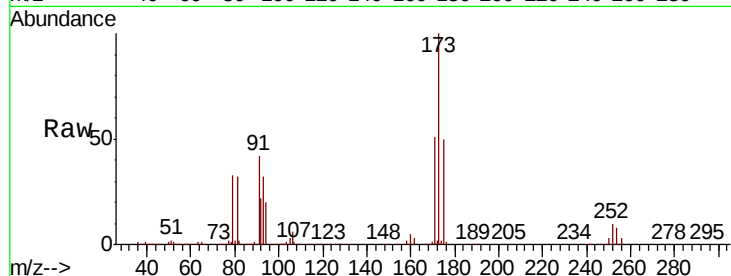
Tot Ion:173 Resp: 1753860

Ion Ratio Lower Upper

173 100

175 50.5 40.2 60.2

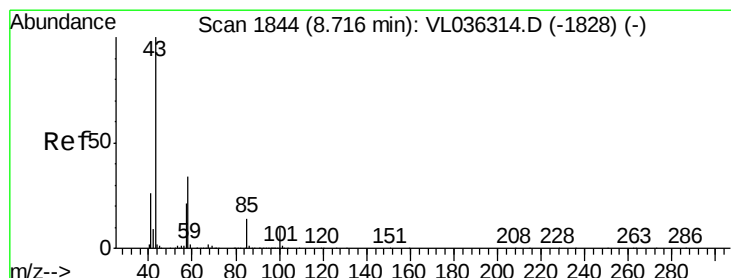
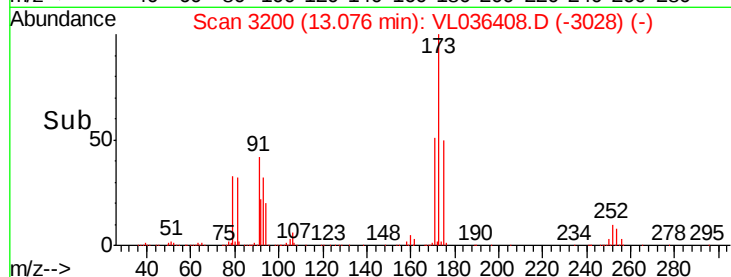
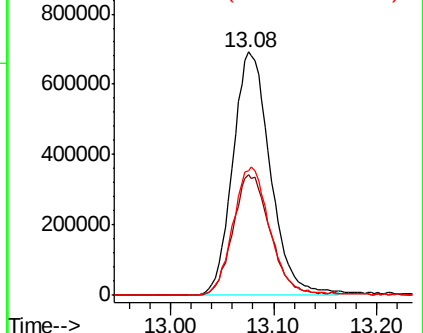
171 53.3 43.4 65.2



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.742 ppbv

RT: 8.77 min Scan# 1862

Delta R.T. 0.06 min

Lab File: VL036408.D

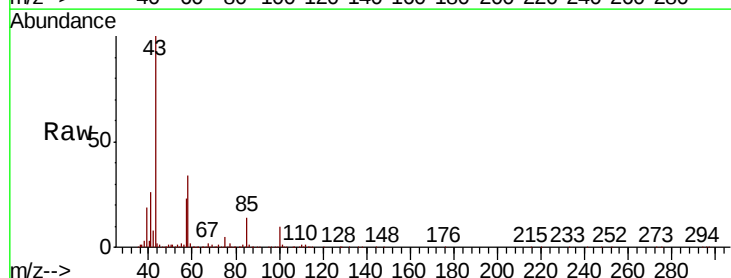
Acq: 1 Mar 2021 9:24

Tgt Ion: 43 Resp: 3706070

Ion Ratio Lower Upper

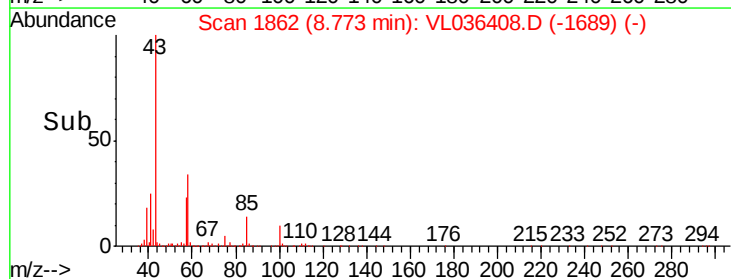
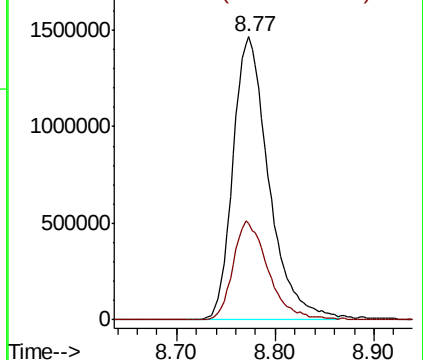
43 100

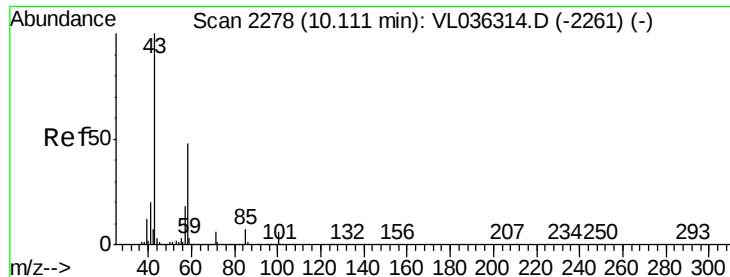
58 34.6 27.8 41.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.340 ppbv

RT: 10.17 min Scan# 2295

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

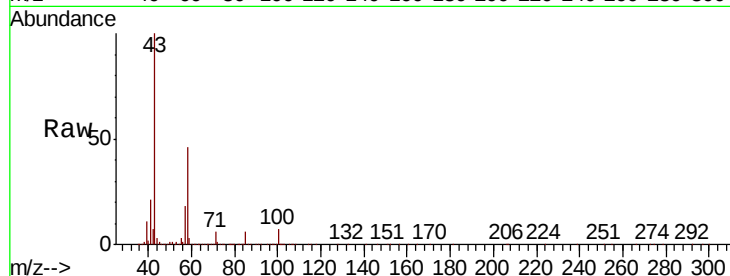
Instrument :

MSVOA_L

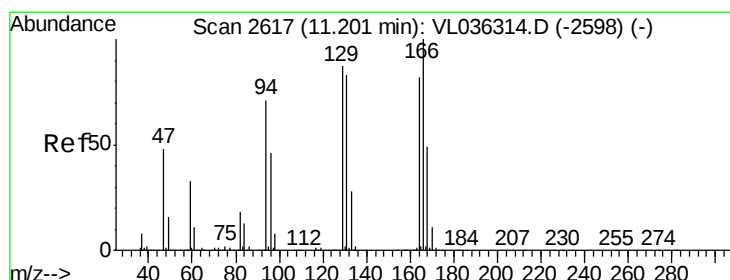
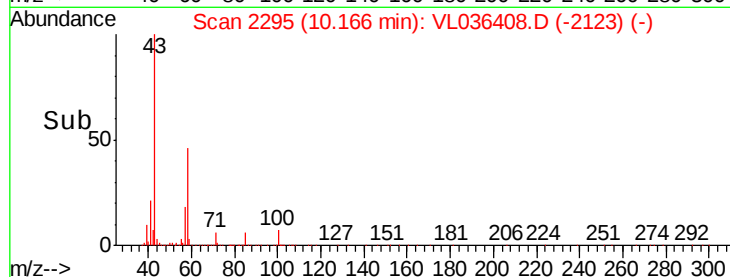
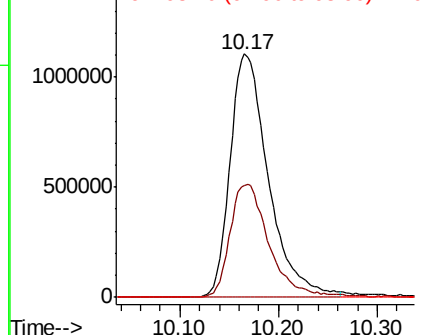
ClientSampled :

Tot Ion: 43 Resp: 2988682

Ion	Ratio	Lower	Upper
43	100		
58	47.8	38.7	58.1
98	0.3	0.4	0.6#



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: 8.735 ppbv

RT: 11.26 min Scan# 2634

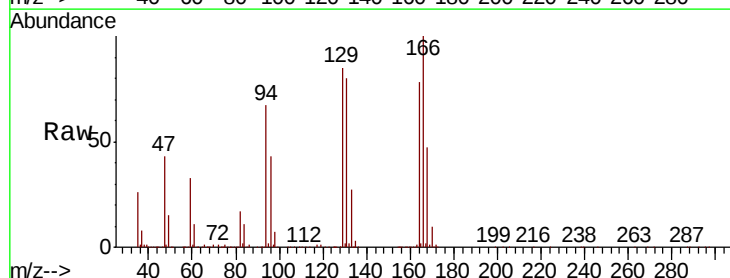
Delta R.T. 0.05 min

Lab File: VL036408.D

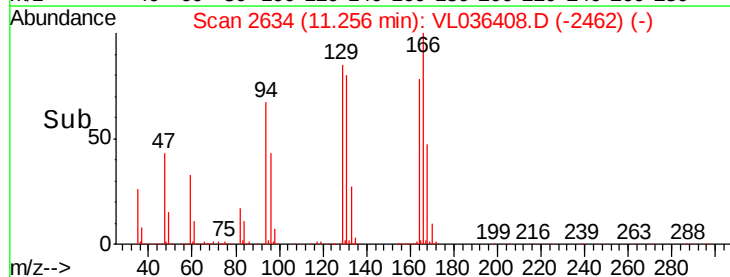
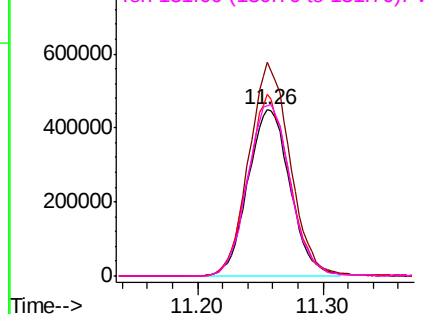
Acq: 1 Mar 2021 9:24

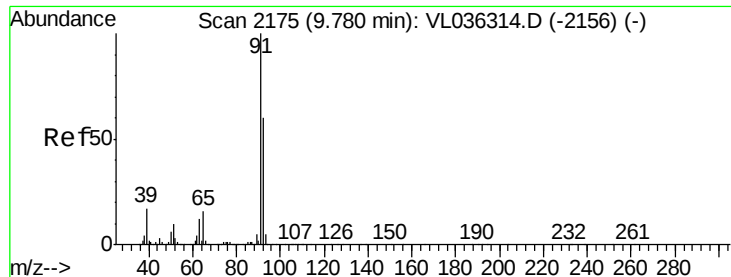
Tgt Ion: 164 Resp: 1047684

Ion	Ratio	Lower	Upper
164	100		
166	128.8	97.8	146.8
129	109.8	84.9	127.3
131	103.0	81.4	122.2



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: 9.954 ppbv

RT: 9.84 min Scan# 2193

Delta R.T. 0.06 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

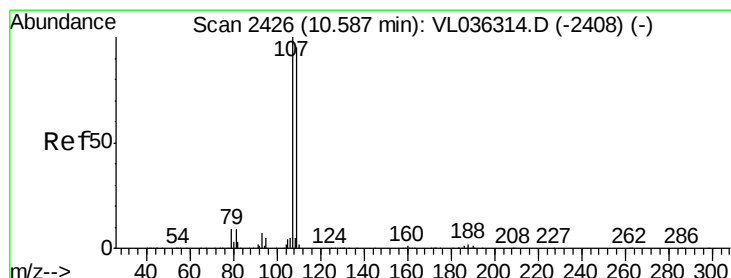
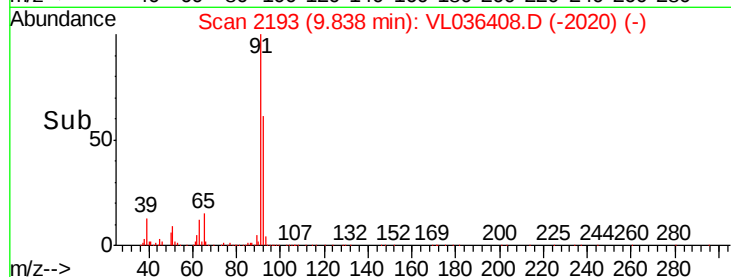
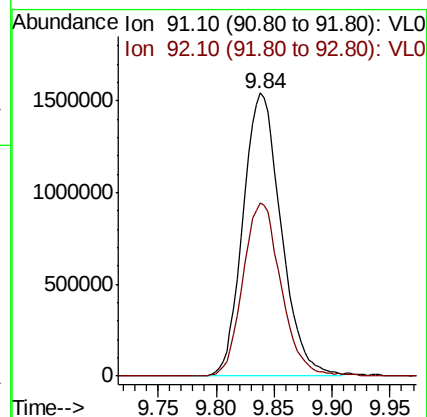
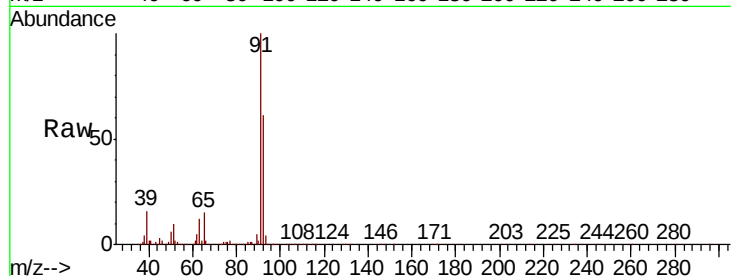
ClientSampleId :

Tot Ion: 91 Resp: 3532413

Ion Ratio Lower Upper

91 100

92 61.6 48.6 72.8



#54

1,2-Dibromoethane

Concen: 9.660 ppbv

RT: 10.64 min Scan# 2444

Delta R.T. 0.06 min

Lab File: VL036408.D

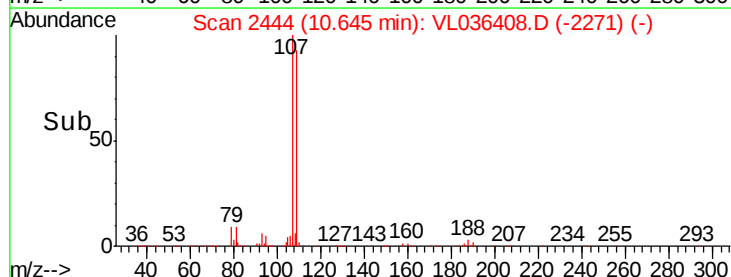
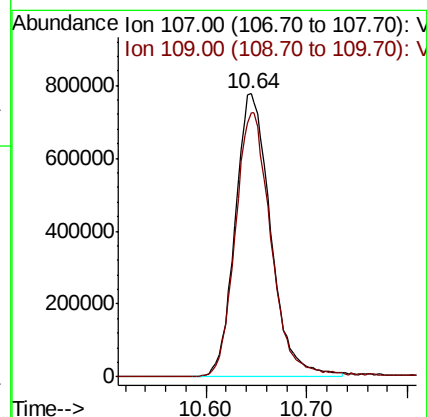
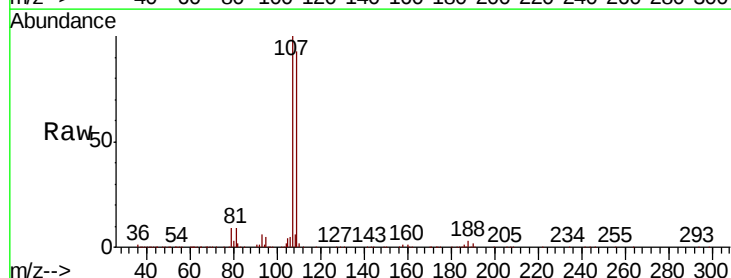
Acq: 1 Mar 2021 9:24

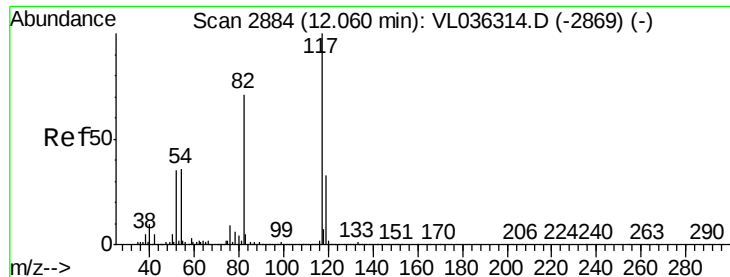
Tgt Ion: 107 Resp: 1901365

Ion Ratio Lower Upper

107 100

109 93.1 76.0 114.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. 0.06 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

ClientSampleId :

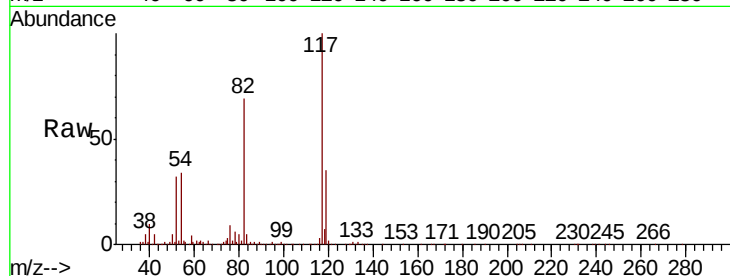
Tot Ion:117 Resp: 4380944

Ion Ratio Lower Upper

117 100

82 56.5 59.1 88.7#

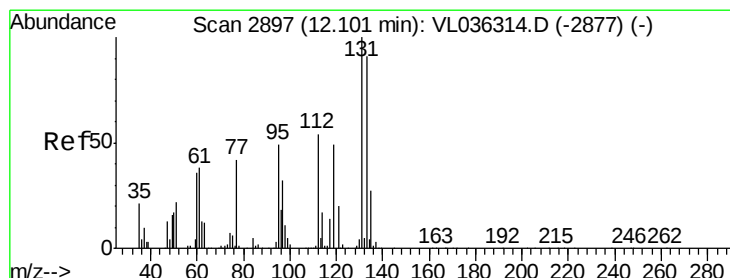
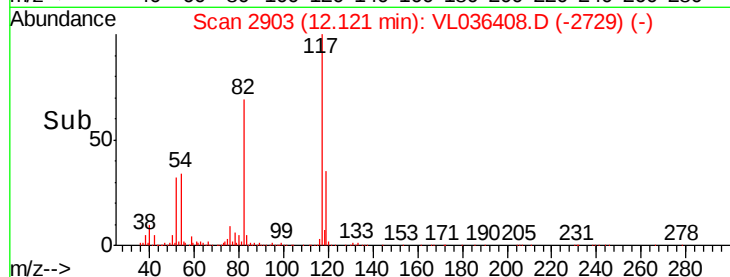
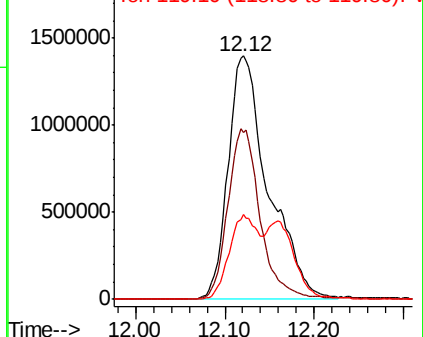
119 25.9 46.3 69.5#



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: 7.740 ppbv

RT: 12.16 min Scan# 2915

Delta R.T. 0.06 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

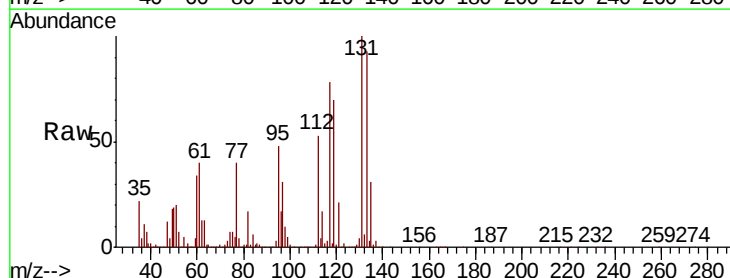
Tgt Ion:131 Resp: 1559619

Ion Ratio Lower Upper

131 100

133 95.4 76.0 114.0

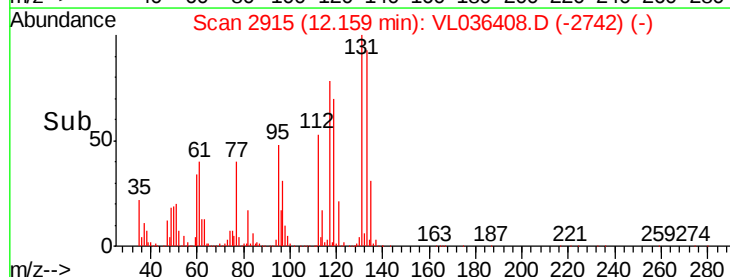
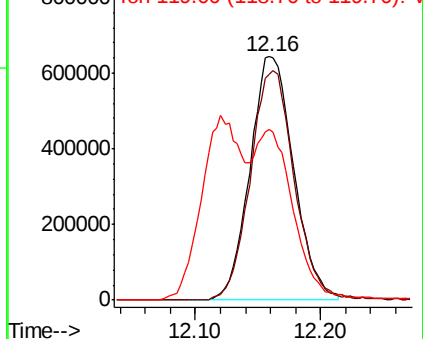
119 62.2 115.1 172.7#

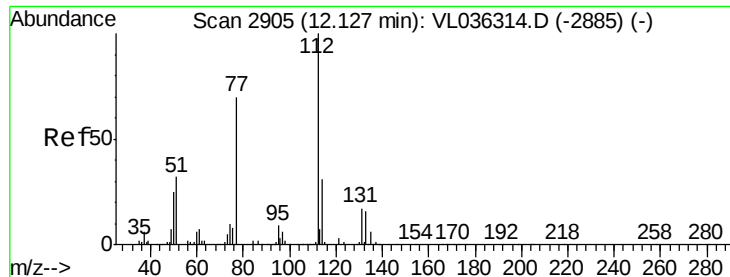


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 7.494 ppbv

RT: 12.18 min Scan# 2921

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

ClientSampled :

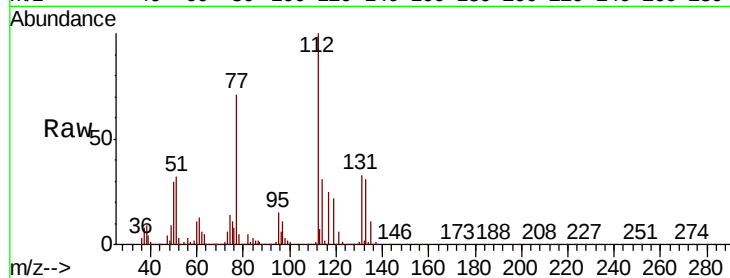
Tot Ion:112 Resp: 2536681

Ion Ratio Lower Upper

112 100

77 70.2 56.1 84.1

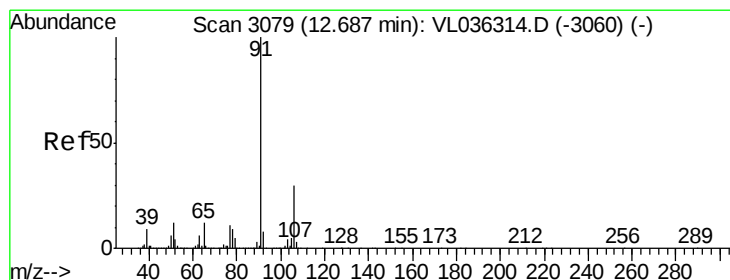
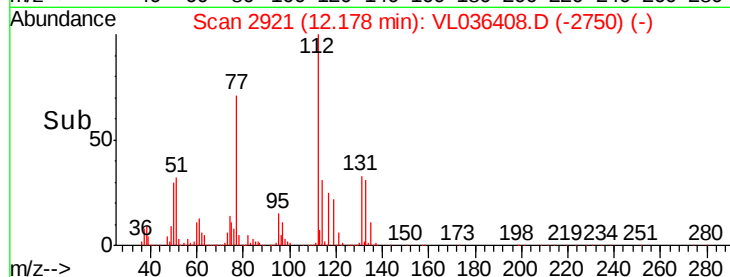
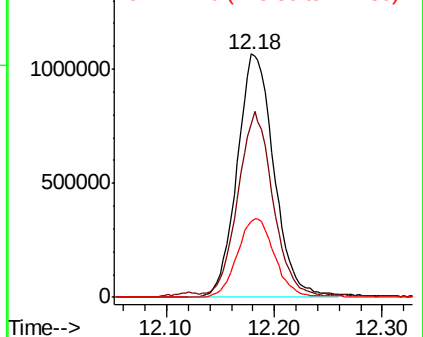
114 31.4 28.3 34.5



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: 7.921 ppbv

RT: 12.74 min Scan# 3097

Delta R.T. 0.06 min

Lab File: VL036408.D

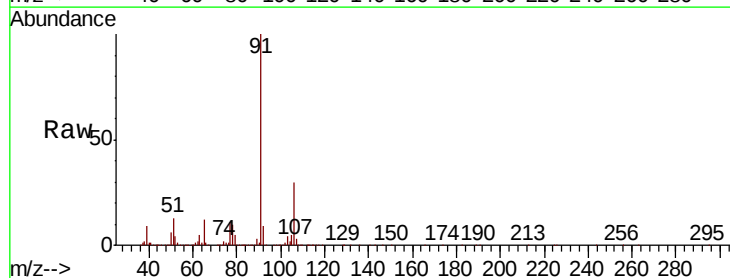
Acq: 1 Mar 2021 9:24

Tgt Ion: 91 Resp: 4751677

Ion Ratio Lower Upper

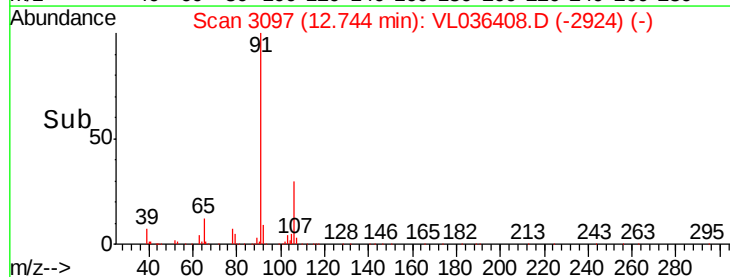
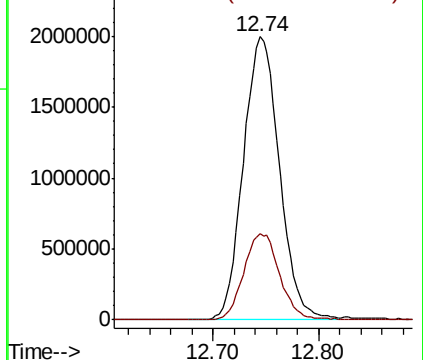
91 100

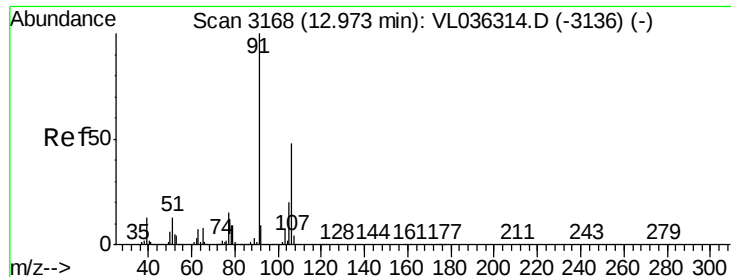
106 30.5 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 7.906 ppbv

RT: 13.03 min Scan# 3185

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

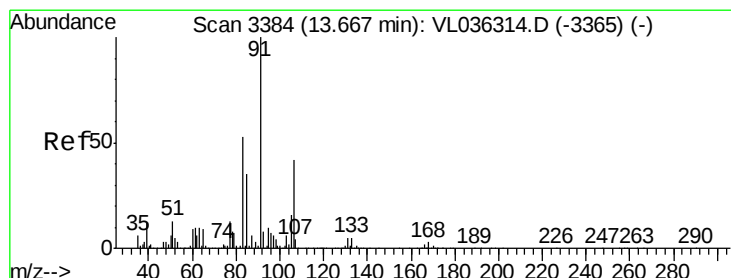
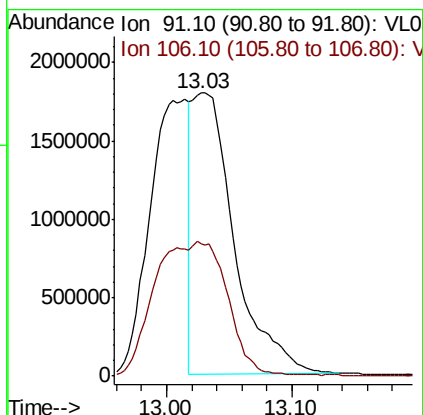
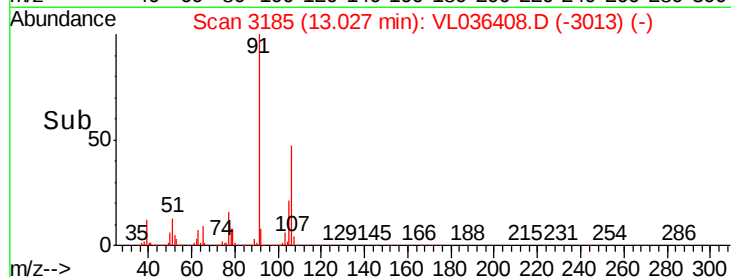
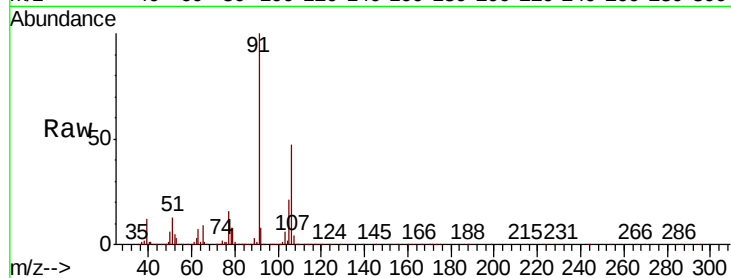
ClientSampleId :

Tot Ion: 91 Resp: 4165832

Ion Ratio Lower Upper

91 100

106 83.7 34.2 51.2#



#60

o-Xylene

Concen: 7.600 ppbv

RT: 13.73 min Scan# 3403

Delta R.T. 0.06 min

Lab File: VL036408.D

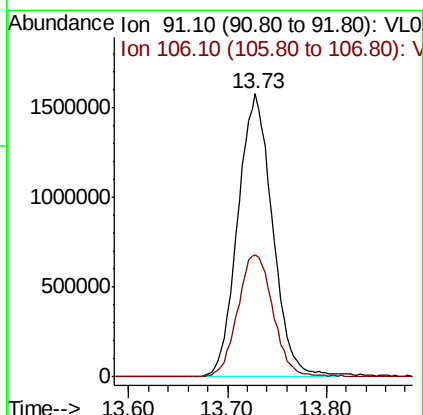
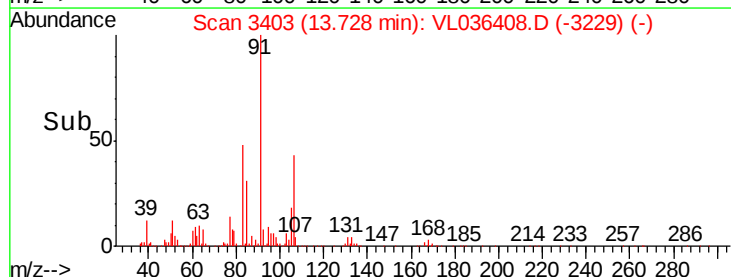
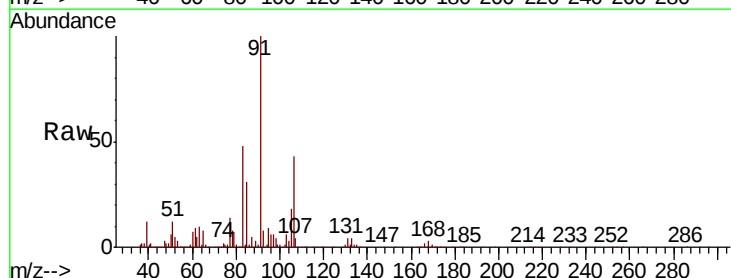
Acq: 1 Mar 2021 9:24

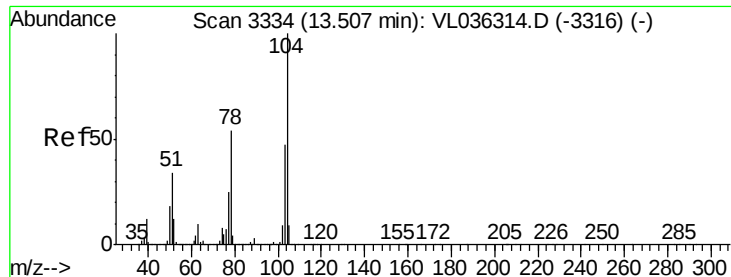
Tgt Ion: 91 Resp: 3828863

Ion Ratio Lower Upper

91 100

106 44.4 22.0 66.0

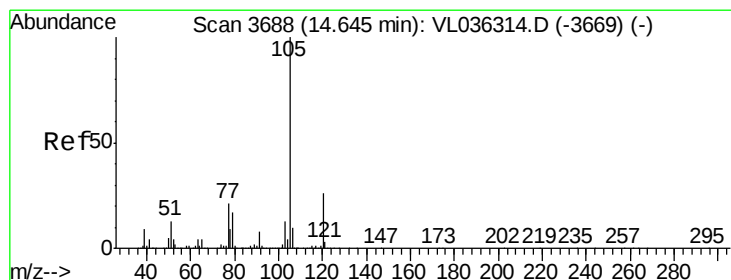
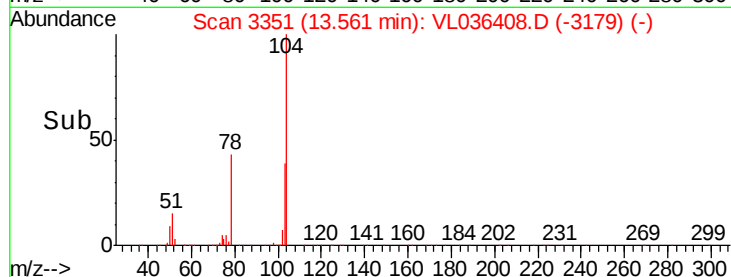
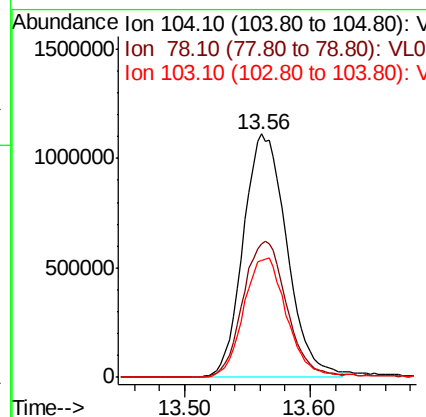
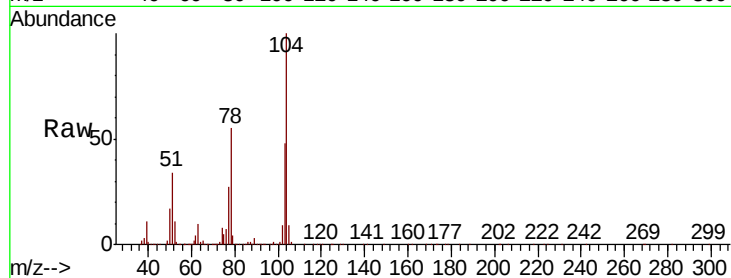




#61
Stvrene
Concen: 8.615 ppbv
RT: 13.56 min Scan# 3351
Delta R.T. 0.05 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

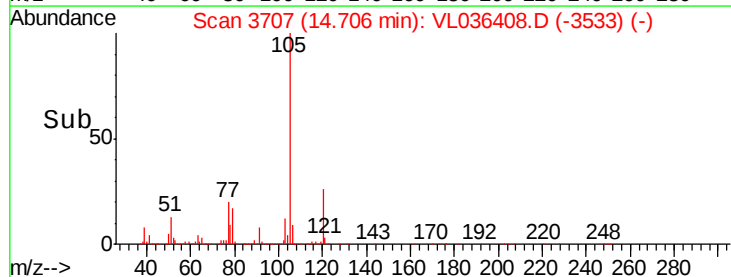
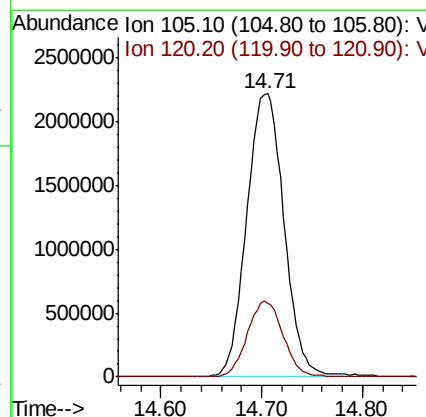
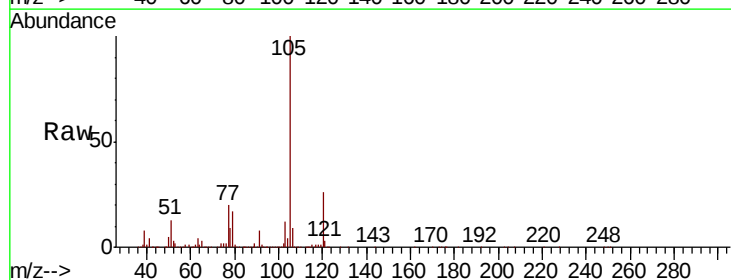
Instrument :
MSVOA_L
ClientSampled :

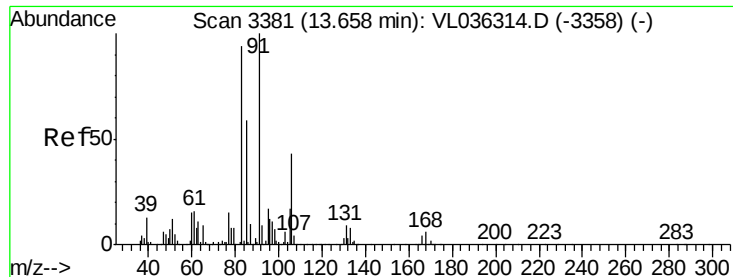
Tot Ion:104 Resp: 2689843
Ion Ratio Lower Upper
104 100
78 56.9 46.2 69.2
103 49.3 38.3 57.5



#62
Isopropylbenzene
Concen: 7.530 ppbv
RT: 14.71 min Scan# 3707
Delta R.T. 0.06 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

Tgt Ion:105 Resp: 5686291
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8





#63

1,1,2,2-Tetrachloroethane

Concen: 6.928 ppbv

RT: 13.72 min Scan# 3399

Delta R.T. 0.06 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

ClientSampleId :

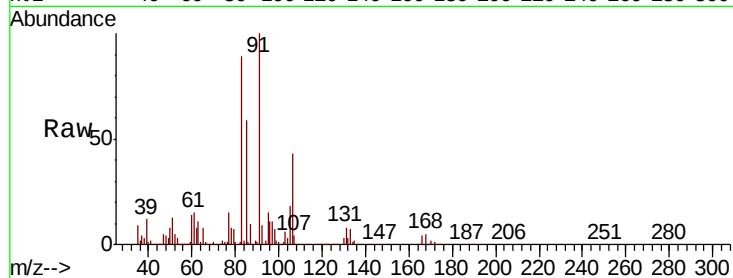
Tot Ion: 83 Resp: 2754128

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.7	14.0
85	65.7	33.0	98.9

83 100

131 8.9 4.7 14.0

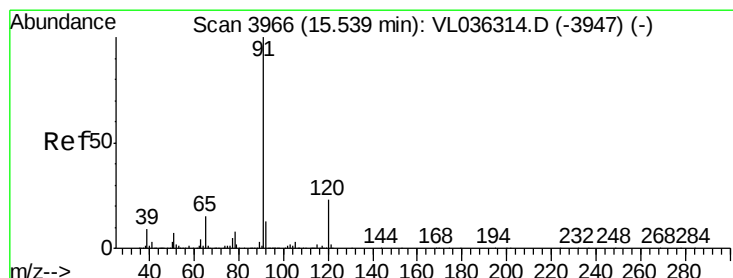
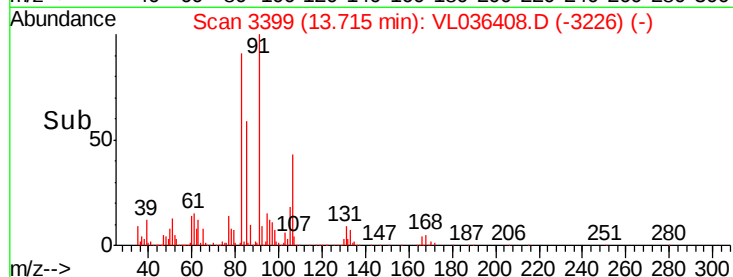
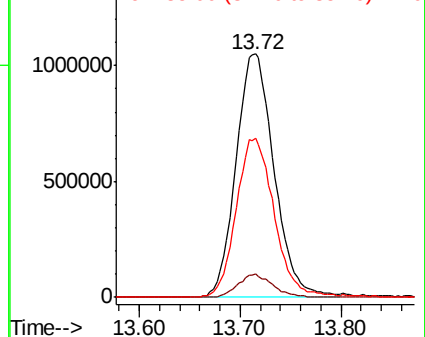
85 65.7 33.0 98.9



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.856 ppbv

RT: 15.60 min Scan# 3985

Delta R.T. 0.06 min

Lab File: VL036408.D

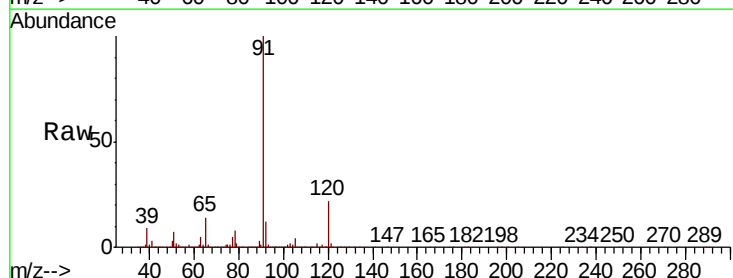
Acq: 1 Mar 2021 9:24

Tgt Ion:120 Resp: 1460025

Ion	Ratio	Lower	Upper
120	100		
91	484.8	387.2	580.8

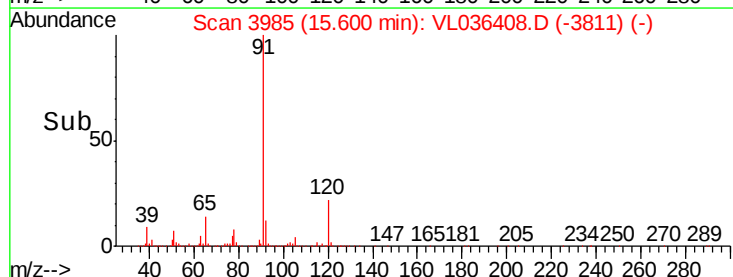
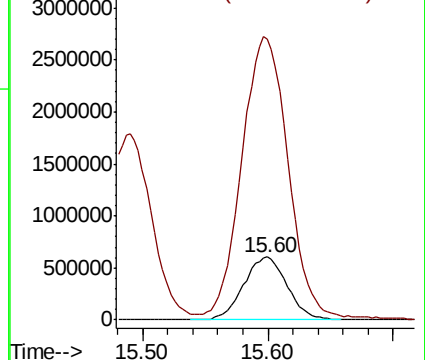
120 100

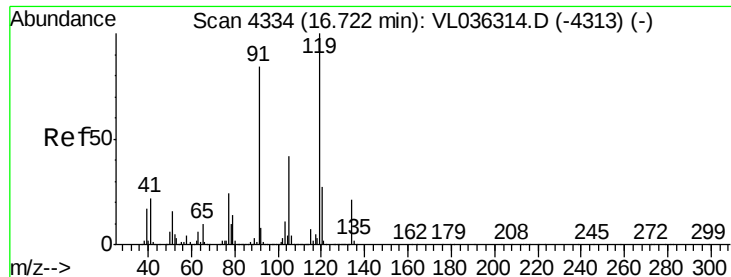
91 484.8 387.2 580.8



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

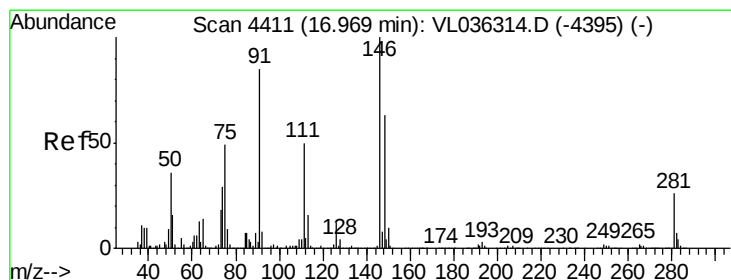
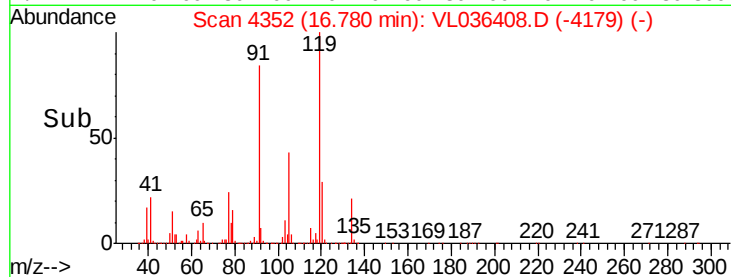
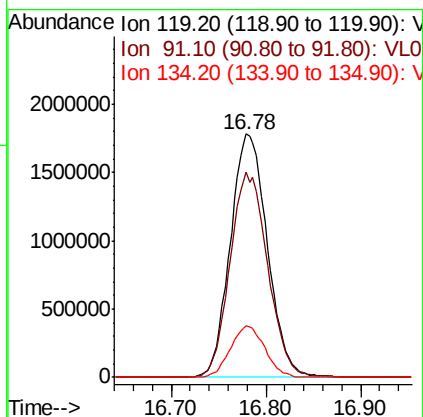
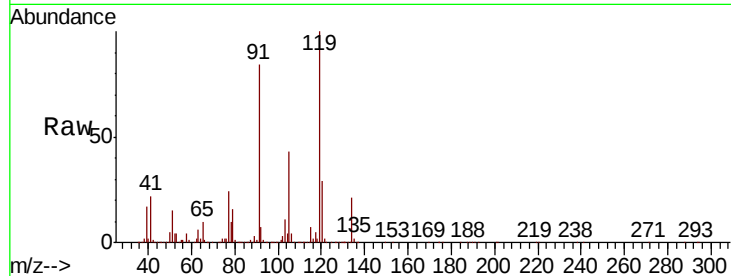




#65
tert-Butylbenzene
Concen: 7.484 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.06 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

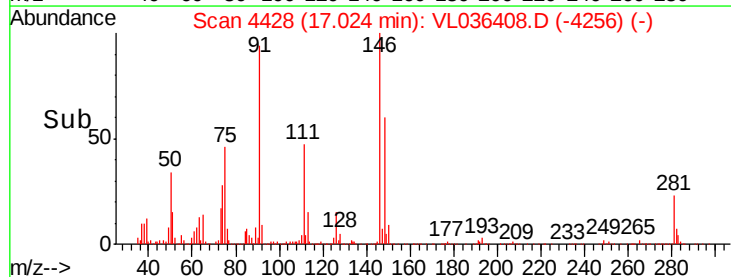
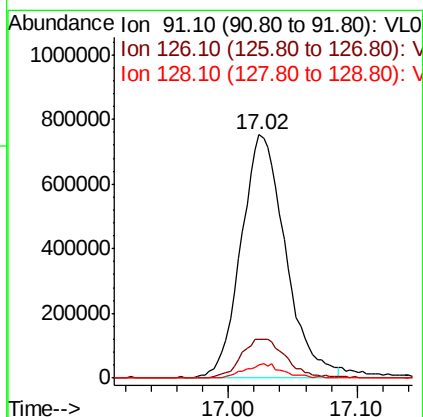
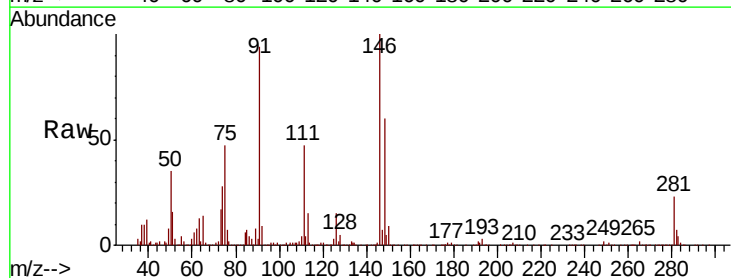
Instrument :
MSVOA_L
ClientSampleId :

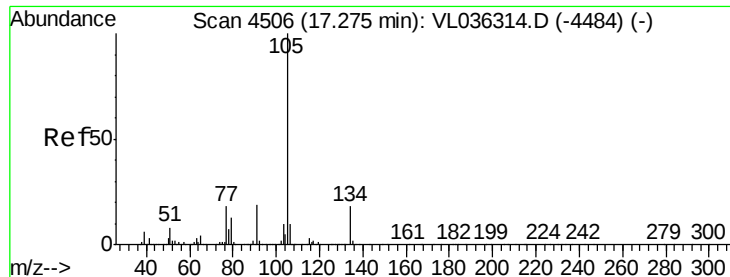
Tot Ion:119 Resp: 4835678
Ion Ratio Lower Upper
119 100
91 86.0 70.5 105.7
134 19.8 15.8 23.8



#66
Benzyl Chloride
Concen: 10.212 ppbv
RT: 17.02 min Scan# 4428
Delta R.T. 0.05 min
Lab File: VL036408.D
Acq: 1 Mar 2021 9:24

Tgt Ion: 91 Resp: 1793704
Ion Ratio Lower Upper
91 100
126 16.8 12.9 19.3
128 5.3 4.2 6.2





#67

sec-Butylbenzene

Concen: 7.360 ppbv

RT: 17.33 min Scan# 4524

Delta R.T. 0.06 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

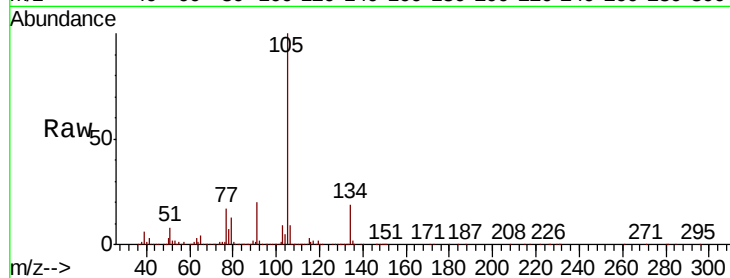
ClientSampled :

Tot Ion:105 Resp: 6858499

Ion Ratio Lower Upper

105 100

134 18.3 14.2 21.4



Abundance Ion 105.10 (104.80 to 105.80): V

3000000 Ion 134.20 (133.90 to 134.90): V

2500000

2000000

1500000

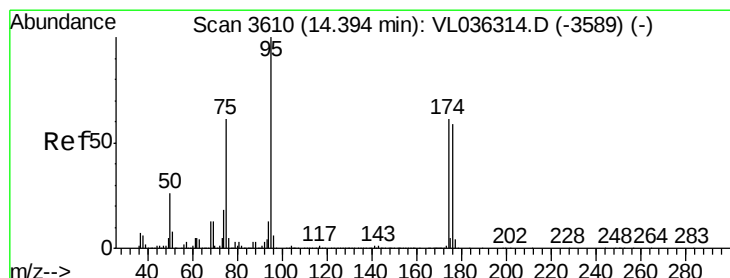
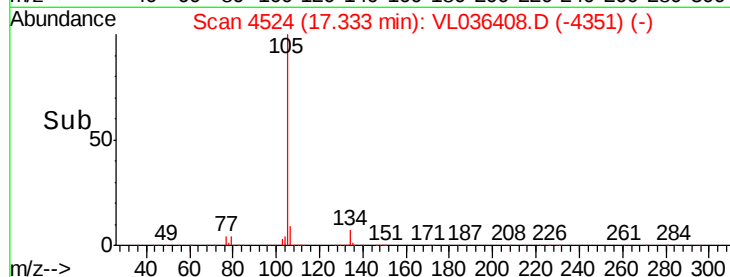
1000000

500000

0

17.20 17.30 17.40

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 7.920 ppbv

RT: 14.45 min Scan# 3628

Delta R.T. 0.06 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

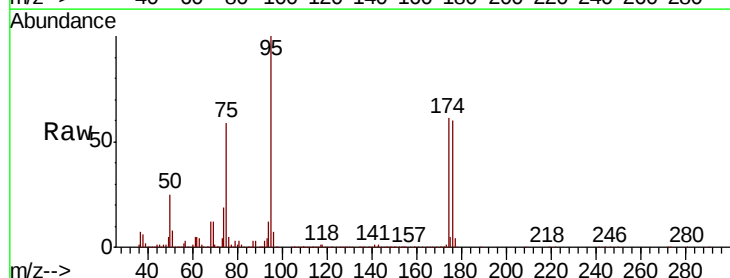
Tgt Ion: 95 Resp: 2854945

Ion Ratio Lower Upper

95 100

174 62.5 49.8 74.6

175 4.9 3.7 5.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

1500000 Ion 174.00 (173.70 to 174.70): V

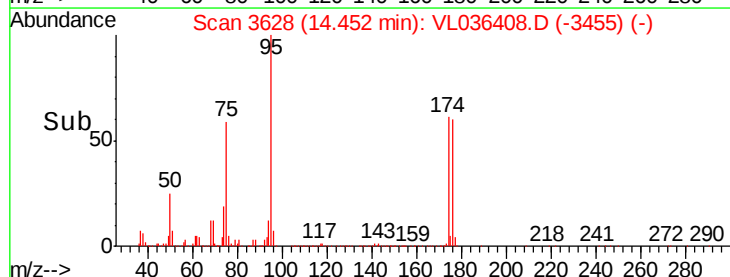
1000000 Ion 175.00 (174.70 to 175.70): V

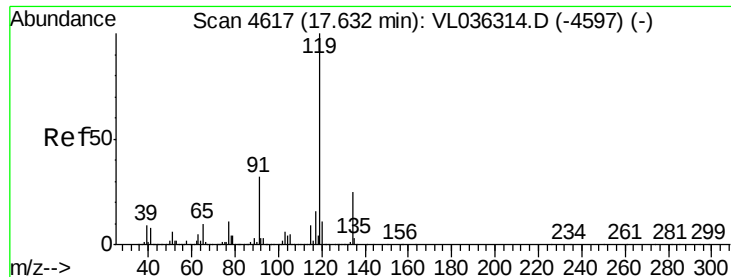
500000

0

14.40 14.45

Time-->



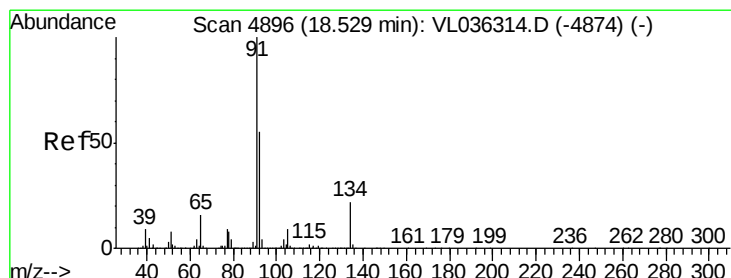
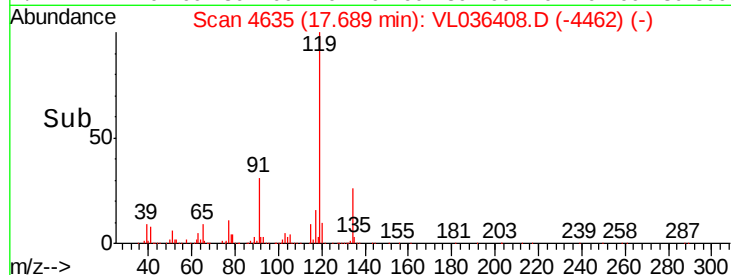
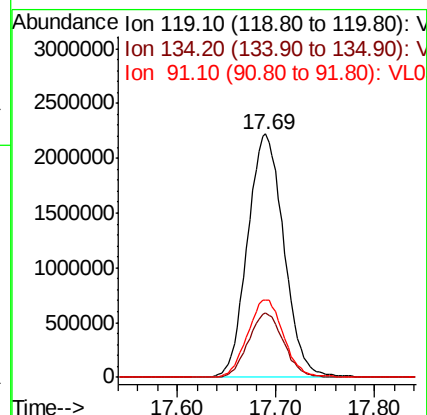
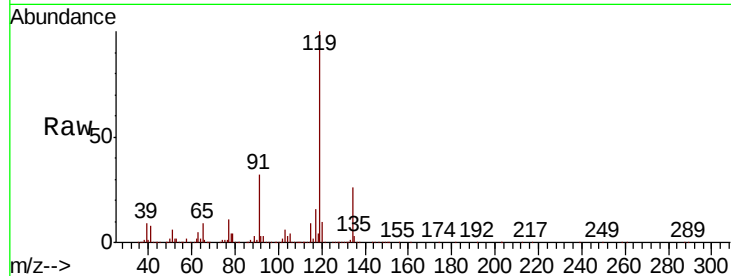


#69
 p-Isopropyltoluene
 Concen: 7.818 ppbv
 RT: 17.69 min Scan# 4635
 Delta R.T. 0.06 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion: 119 Resp: 5629962

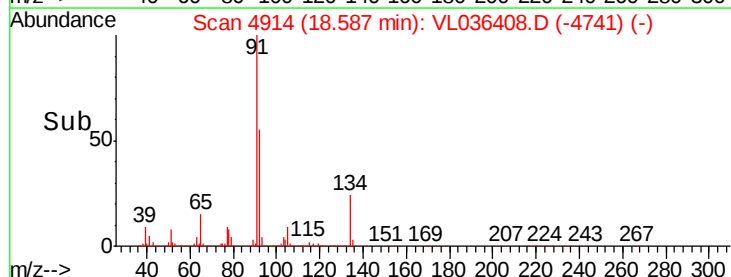
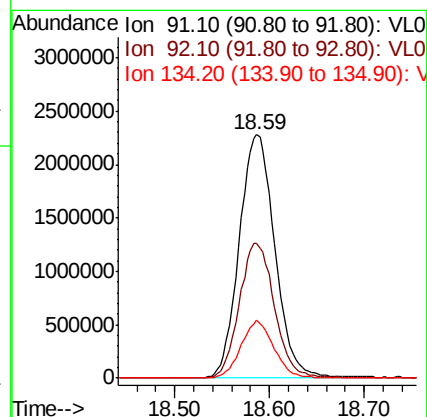
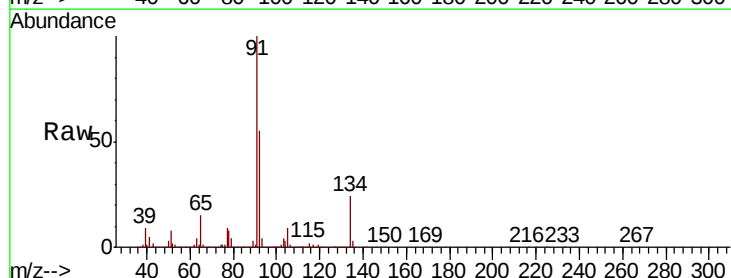
Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.1	30.1
91	31.8	25.8	38.6

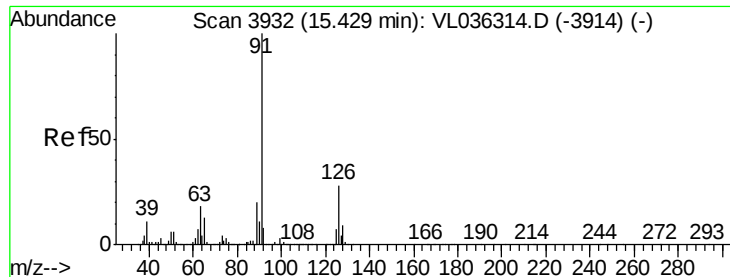


#70
 n-Butylbenzene
 Concen: 7.718 ppbv
 RT: 18.59 min Scan# 4914
 Delta R.T. 0.06 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Tgt Ion: 91 Resp: 5960066

Ion	Ratio	Lower	Upper
91	100		
92	54.9	43.7	65.5
134	22.0	17.4	26.0

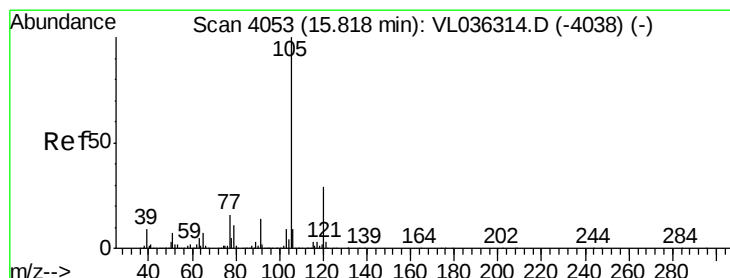
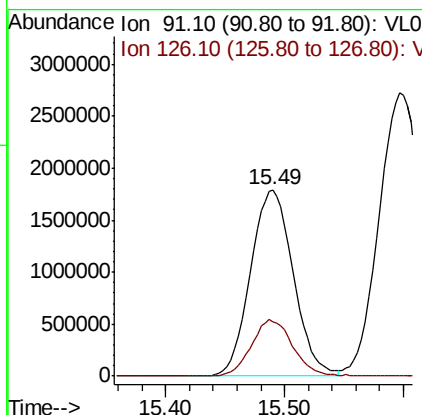
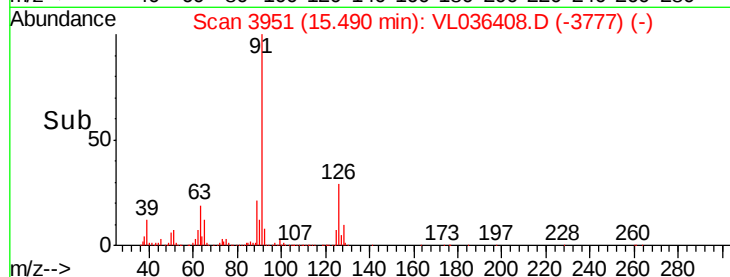
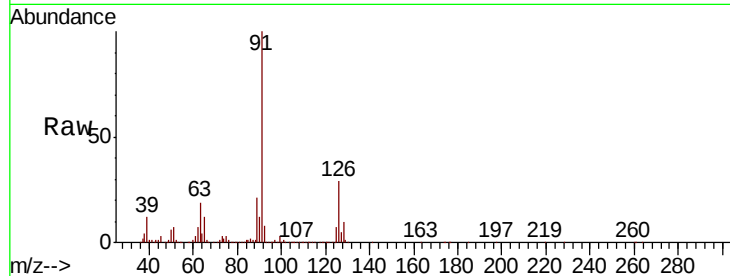




#71
 2-Chlorotoluene
 Concen: 7.698 ppbv
 RT: 15.49 min Scan# 3951
 Delta R.T. 0.06 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

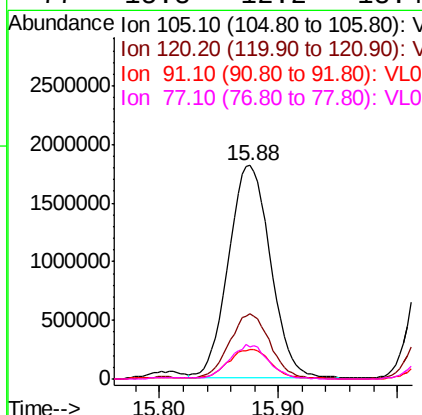
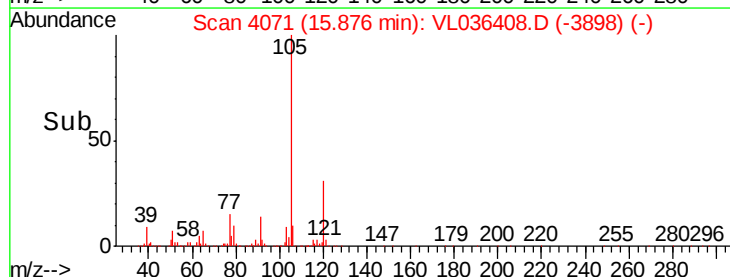
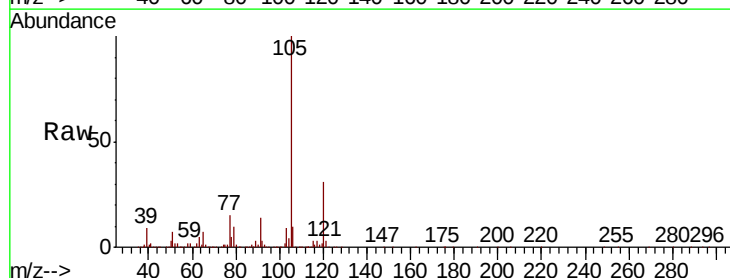
Instrument :
 MSVOA_L
 ClientSampleId :

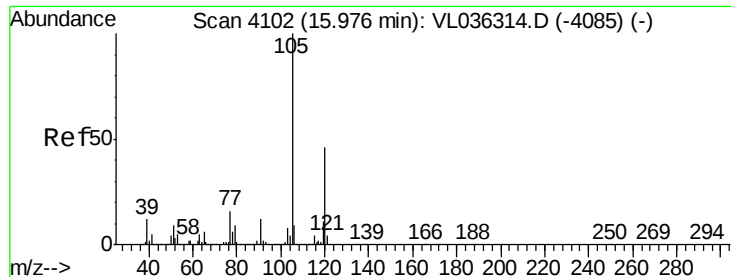
Tot Ion: 91 Resp: 4456319
 Ion Ratio Lower Upper
 91 100
 126 29.8 11.5 46.1



#72
 4-Ethyltoluene
 Concen: 7.833 ppbv
 RT: 15.88 min Scan# 4071
 Delta R.T. 0.06 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Tgt Ion: 105 Resp: 4391525
 Ion Ratio Lower Upper
 105 100
 120 30.2 23.2 34.8
 91 14.1 11.0 16.4
 77 15.8 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 7.642 ppbv

RT: 16.03 min Scan# 4120

Delta R.T. 0.06 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

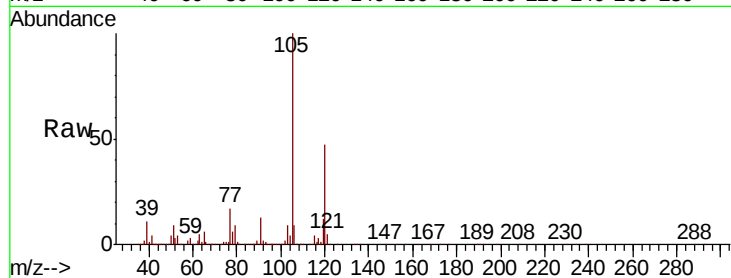
ClientSampleId :

Tot Ion:105 Resp: 4153610

Ion Ratio Lower Upper

105 100

120 46.7 36.9 55.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.03

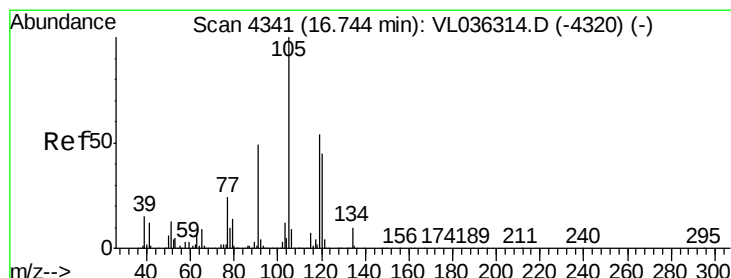
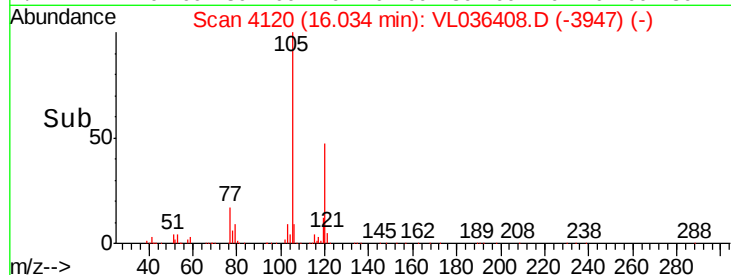
1500000

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 7.566 ppbv

RT: 16.80 min Scan# 4358

Delta R.T. 0.05 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Tgt Ion:105 Resp: 4198321

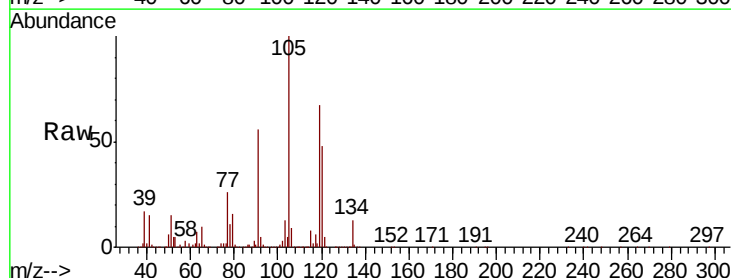
Ion Ratio Lower Upper

105 100

120 48.4 35.8 53.6

91 55.6 39.8 59.6

77 25.5 19.1 28.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2500000

2000000

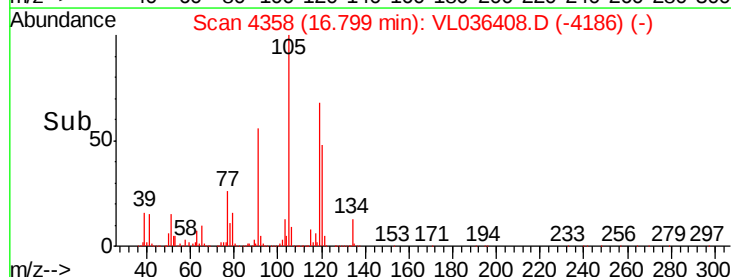
1500000

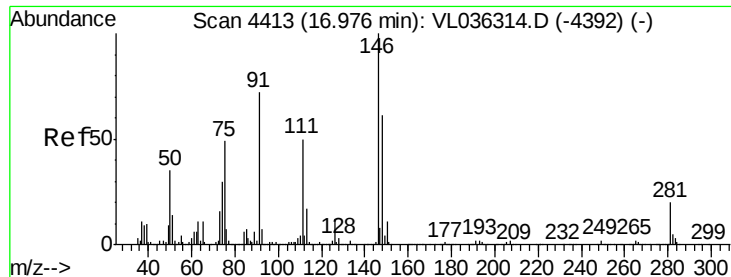
1000000

500000

0

Time-->



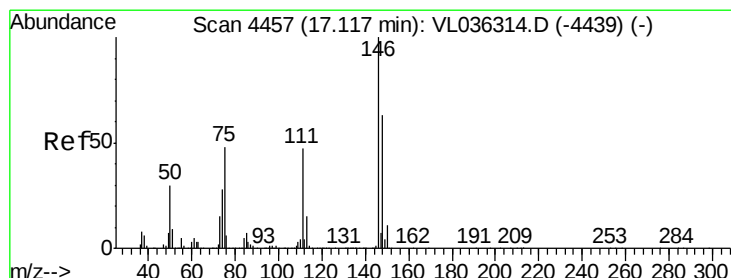
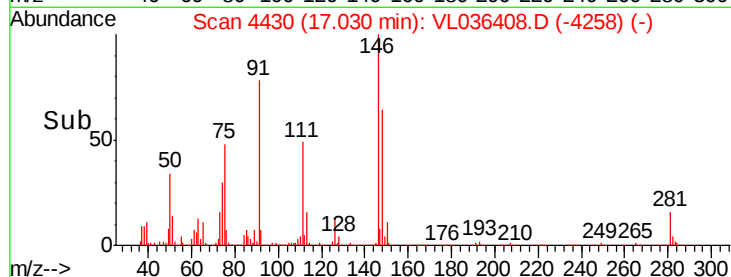
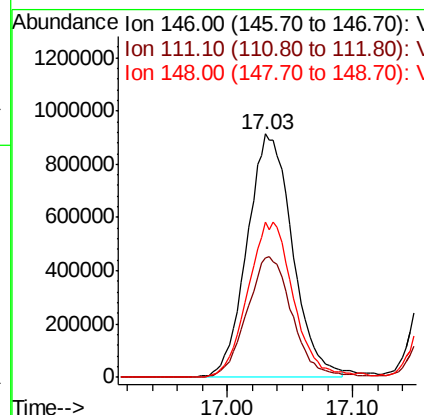
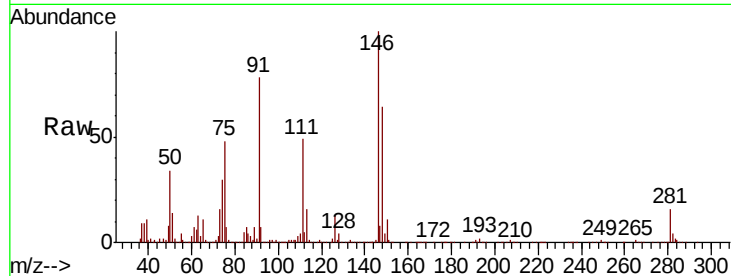


#75
 1,3-Dichlorobenzene
 Concen: 7.607 ppbv
 RT: 17.03 min Scan# 4430
 Delta R.T. 0.05 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:146 Resp: 2290956

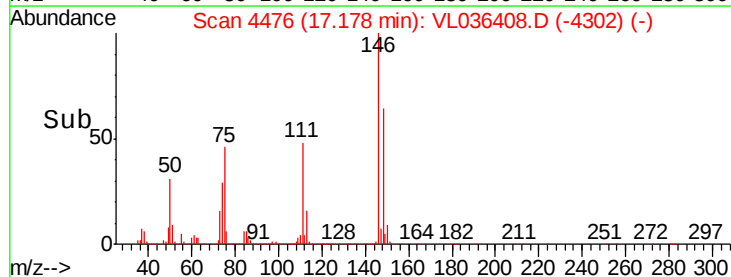
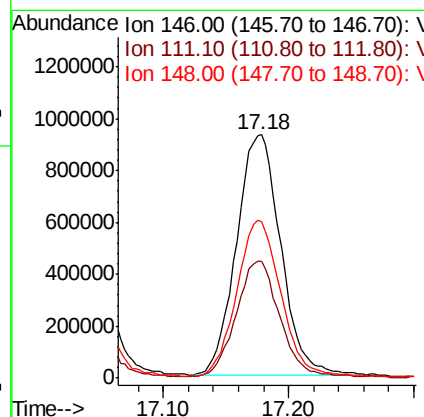
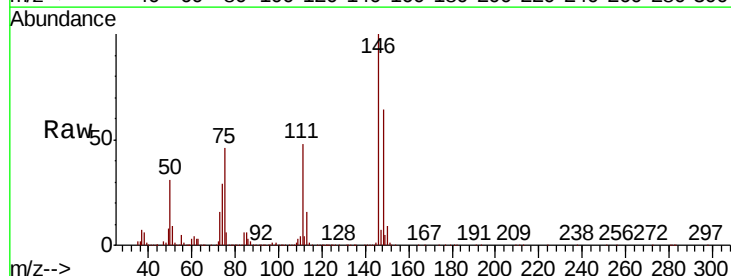
Ion	Ratio	Lower	Upper
146	100		
111	49.6	24.9	74.6
148	64.5	31.9	95.9

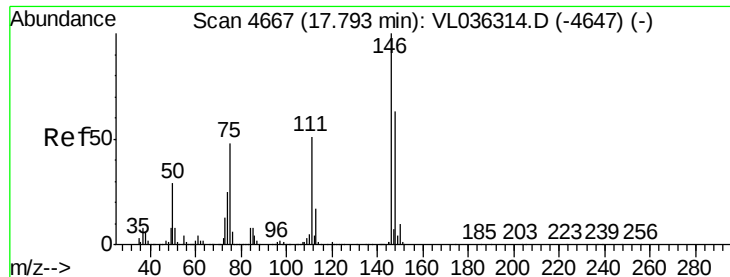


#76
 1,4-Dichlorobenzene
 Concen: 7.241 ppbv
 RT: 17.18 min Scan# 4476
 Delta R.T. 0.06 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Tgt Ion:146 Resp: 2264688

Ion	Ratio	Lower	Upper
146	100		
111	48.6	23.6	71.0
148	66.1	31.6	95.0

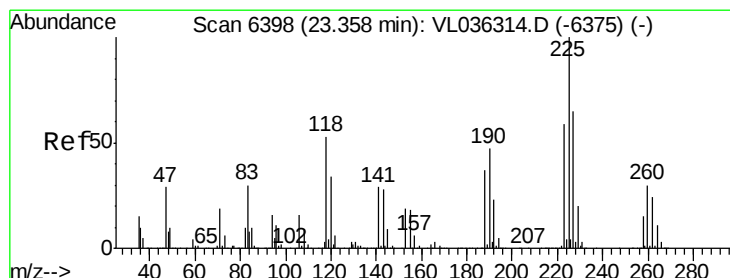
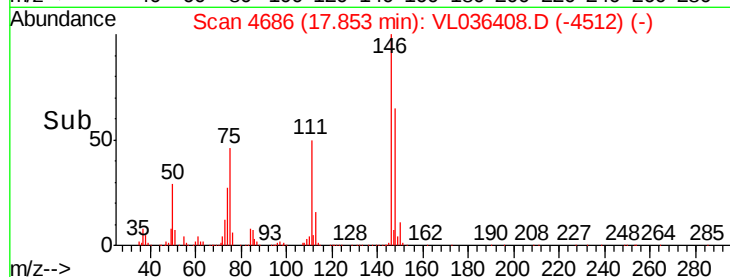
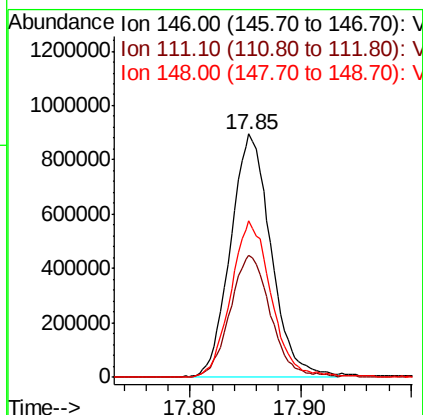
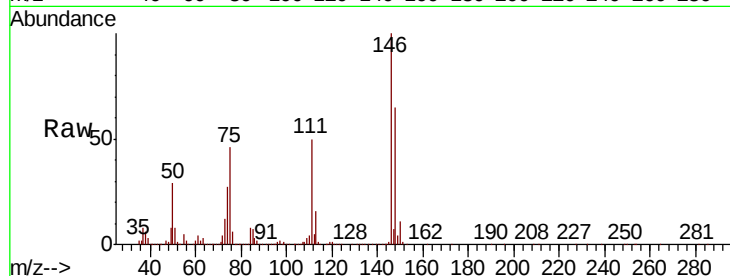




#77
 1,2-Dichlorobenzene
 Concen: 7.531 ppbv
 RT: 17.85 min Scan# 4686
 Delta R.T. 0.06 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

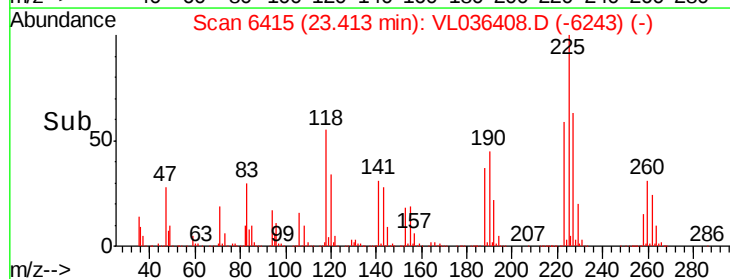
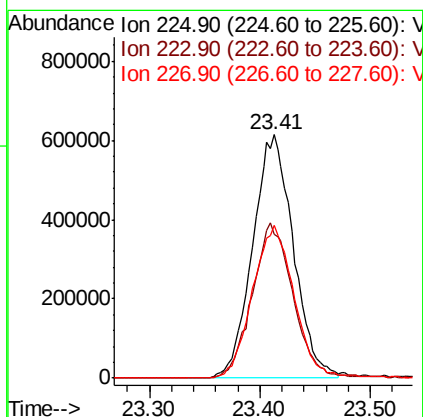
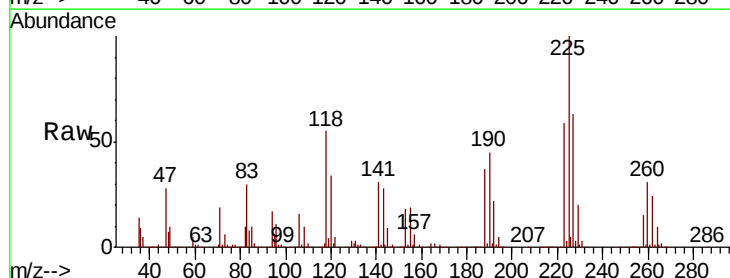
Instrument :
 MSVOA_L
 ClientSampled :

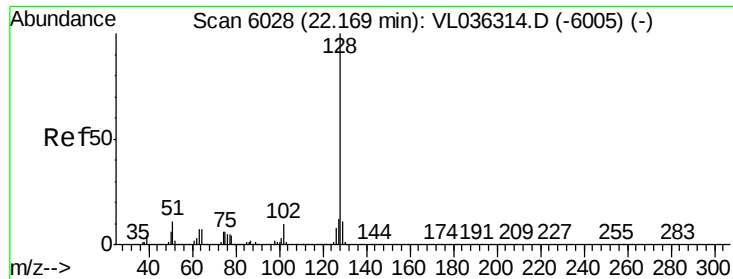
Tot Ion:146 Resp: 2250052
 Ion Ratio Lower Upper
 146 100
 111 50.7 25.9 77.8
 148 64.3 32.5 97.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.440 ppbv
 RT: 23.41 min Scan# 6415
 Delta R.T. 0.05 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Tgt Ion:225 Resp: 1571965
 Ion Ratio Lower Upper
 225 100
 223 64.5 50.8 76.2
 227 64.8 52.2 78.2





#79

Naphthalene

Concen: 9.204 ppbv

RT: 22.24 min Scan# 6050

Delta R.T. 0.07 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

Instrument :

MSVOA_L

ClientSampleId :

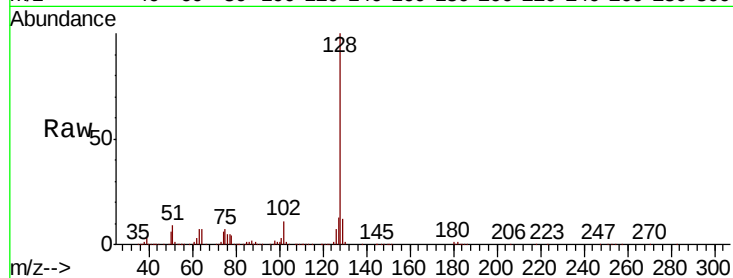
Tot Ion:128 Resp: 3027318

Ion Ratio Lower Upper

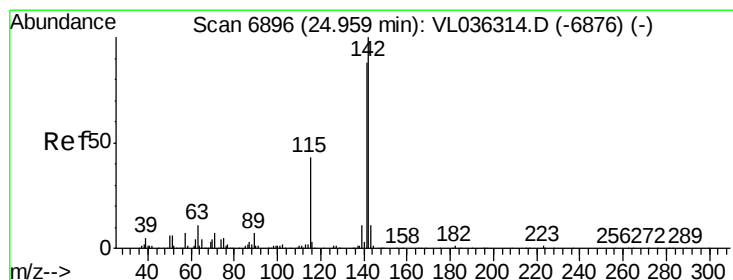
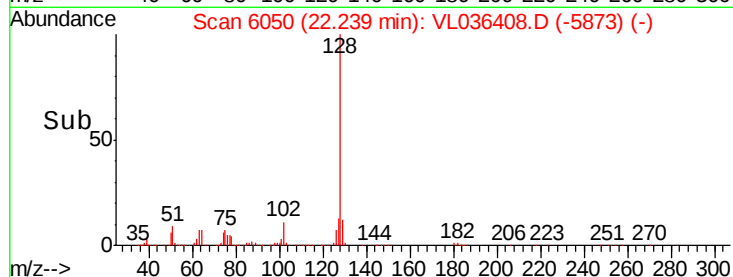
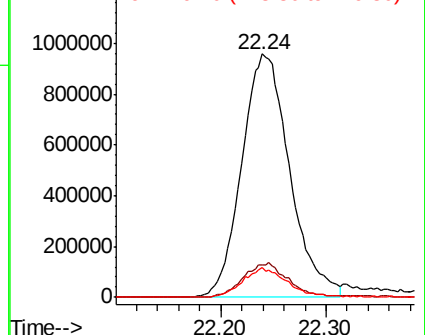
128 100

127 13.1 9.6 14.4

129 12.5 8.5 12.7



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 12.133 ppbv

RT: 25.00 min Scan# 6910

Delta R.T. 0.04 min

Lab File: VL036408.D

Acq: 1 Mar 2021 9:24

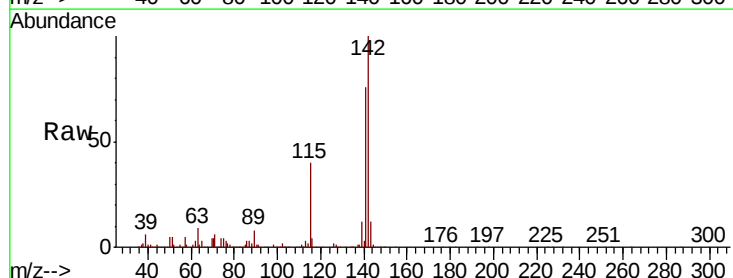
Tgt Ion:142 Resp: 738882

Ion Ratio Lower Upper

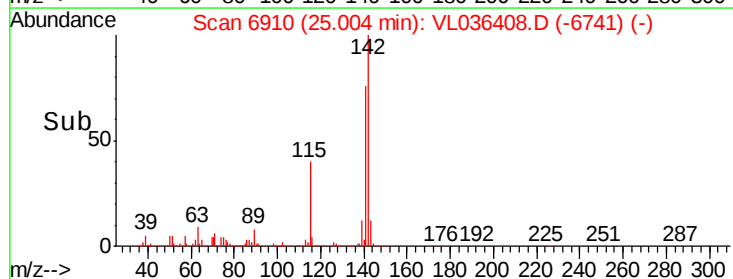
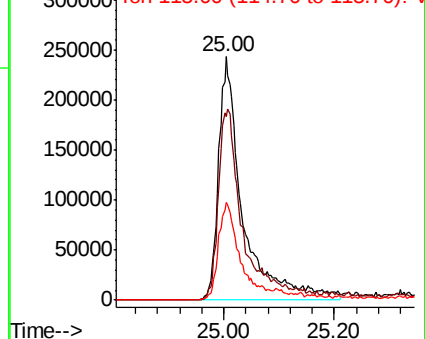
142 100

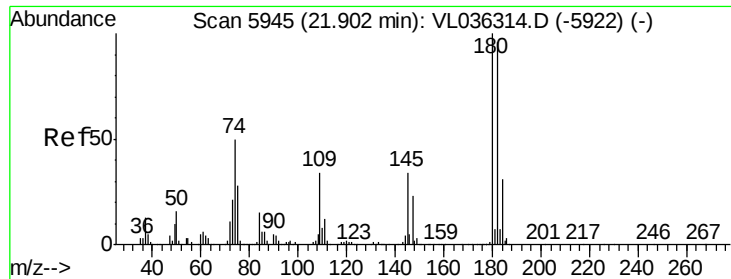
141 81.8 64.4 96.6

115 35.5 34.6 51.8



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

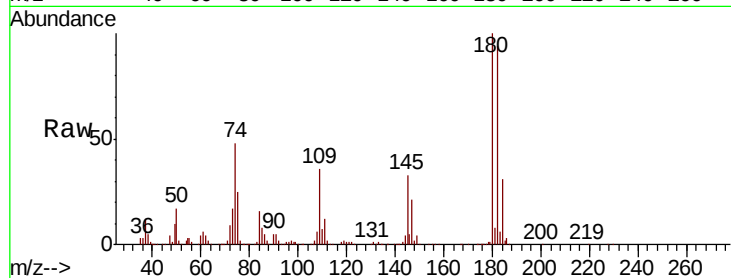




#81
 1,2,4-Trichlorobenzene
 Concen: 7.969 ppbv
 RT: 21.97 min Scan# 5966
 Delta R.T. 0.07 min
 Lab File: VL036408.D
 Acq: 1 Mar 2021 9:24

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.0	80.2	120.4
184	31.0	25.0	37.6



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

